

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056091.D
 Acq On : 7 Jun 2019 11:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 3:31:31 PM

Quant Time: Jun 08 05:29:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	455691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	411734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	157571	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.59	113	142219	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.09	98	543139	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	185556	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	166862	48.551	ug/l	99
3) Chloromethane	2.06	50	174729	51.513	ug/l	99
4) Vinyl Chloride	2.18	62	173563	51.012	ug/l	99
5) Bromomethane	2.53	94	106877	49.727	ug/l	98
6) Chloroethane	2.68	64	97940	49.647	ug/l	98
7) Trichlorofluoromethane	3.00	101	212707	48.971	ug/l	100
8) Diethyl Ether	3.40	74	86614	48.490	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	135649	51.411	ug/l	98
10) Methyl Iodide	3.94	142	197077	47.001	ug/l	99
11) Tert butyl alcohol	4.82	59	131970	244.087	ug/l	99
12) 1,1-Dichloroethene	3.72	96	132949	50.612	ug/l	96
13) Acrolein	3.60	56	43776	280.736	ug/l	99
14) Allyl chloride	4.31	41	208018	50.151	ug/l	99
15) Acrylonitrile	4.99	53	367049	278.883	ug/l	99
16) Acetone	3.82	43	367869	247.567	ug/l	99
17) Carbon Disulfide	4.04	76	292104	46.443	ug/l	100
18) Methyl Acetate	4.33	43	162523	55.748	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	424644	50.715	ug/l	99
20) Methylene Chloride	4.54	84	154468	50.457	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	140936	50.075	ug/l	97
22) Diisopropyl ether	5.95	45	439277	51.232	ug/l	99
23) Vinyl Acetate	5.90	43	1814991	268.798	ug/l	100
24) 1,1-Dichloroethane	5.84	63	252503	51.053	ug/l	99
25) 2-Butanone	6.84	43	515239	274.438	ug/l	100
26) 2,2-Dichloropropane	6.82	77	187462	48.573	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	166432	50.306	ug/l	98
28) Bromochloromethane	7.19	49	123183	52.666	ug/l	99
29) Tetrahydrofuran	7.22	42	315310	271.698	ug/l	99
30) Chloroform	7.37	83	254380	51.127	ug/l	99
31) Cyclohexane	7.65	56	231644	46.987	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	210327	50.622	ug/l	99
36) 1,1-Dichloropropene	7.79	75	192469	49.120	ug/l	99
37) Ethyl Acetate	6.93	43	191388	54.896	ug/l	99
38) Carbon Tetrachloride	7.77	117	179148	49.592	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	236882	48.531	ug/l	98
40) Benzene	8.04	78	601479	50.541	ug/l	100
41) Methacrylonitrile	7.17	41	84132	52.450	ug/l	89
42) 1,2-Dichloroethane	8.12	62	187701	49.033	ug/l	98
43) Isopropyl Acetate	8.17	43	294532	52.134	ug/l #	92
44) Trichloroethene	8.83	130	167384	48.947	ug/l	100
45) 1,2-Dichloropropane	9.12	63	157407	51.638	ug/l	99
46) Dibromomethane	9.21	93	102008	51.174	ug/l	98
47) Bromodichloromethane	9.40	83	183206	50.711	ug/l	100
48) Methyl methacrylate	9.20	41	148909	53.876	ug/l	96
49) 1,4-Dioxane	9.20	88	64058	1073.550	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	955041	270.326	ug/l	100
52) Toluene	10.15	92	378584	51.123	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	195988	46.449	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	230709	53.127	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152650	52.039	ug/l	98
56) Ethyl methacrylate	10.43	69	226466	52.919	ug/l	99
57) 1,3-Dichloropropane	10.71	76	250174	52.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	406157	240.005	ug/l	100
59) 2-Hexanone	10.75	43	681680	266.221	ug/l	99
60) Dibromochloromethane	10.90	129	151204	46.896	ug/l	100
61) 1,2-Dibromoethane	11.00	107	158148	52.737	ug/l	100
64) Tetrachloroethene	10.63	164	167634	47.035	ug/l	98
65) Chlorobenzene	11.43	112	405009	49.425	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	145191	51.315	ug/l	100
67) Ethyl Benzene	11.51	91	705631	49.523	ug/l	99
68) m/p-Xylenes	11.62	106	539812	99.173	ug/l	99
69) o-Xylene	11.95	106	265821	49.647	ug/l	100
70) Styrene	11.96	104	442654	52.034	ug/l	99
71) Bromoform	12.13	173	106358	45.061	ug/l #	99
73) Isopropylbenzene	12.25	105	701096	53.874	ug/l	100
74) N-amyl acetate	12.07	43	245194	50.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	210402	49.471	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	168206m	49.896	ug/l	
77) Bromobenzene	12.53	156	188067	47.946	ug/l	97
78) n-propylbenzene	12.59	91	752202	48.531	ug/l	100
79) 2-Chlorotoluene	12.67	91	456981	53.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	579327	47.030	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	50869	50.251	ug/l	90
82) 4-Chlorotoluene	12.77	91	443804	48.943	ug/l	100
83) tert-Butylbenzene	12.99	119	504682	52.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571406	48.916	ug/l	99
85) sec-Butylbenzene	13.17	105	653784	47.631	ug/l	100
86) p-Isopropyltoluene	13.29	119	596313	48.542	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	300362	49.476	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288309	49.369	ug/l	100
89) n-Butylbenzene	13.61	91	456160	50.127	ug/l	100
90) Hexachloroethane	13.87	117	88102	47.556	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	299363	48.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32051	52.688	ug/l	97

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VSTDCCC050

Manual Integrations
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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146059	43.821	ug/l	99
94) Hexachlorobutadiene	15.01	225	107663	51.268	ug/l	98
95) Naphthalene	15.13	128	388372	44.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	157429	45.994	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

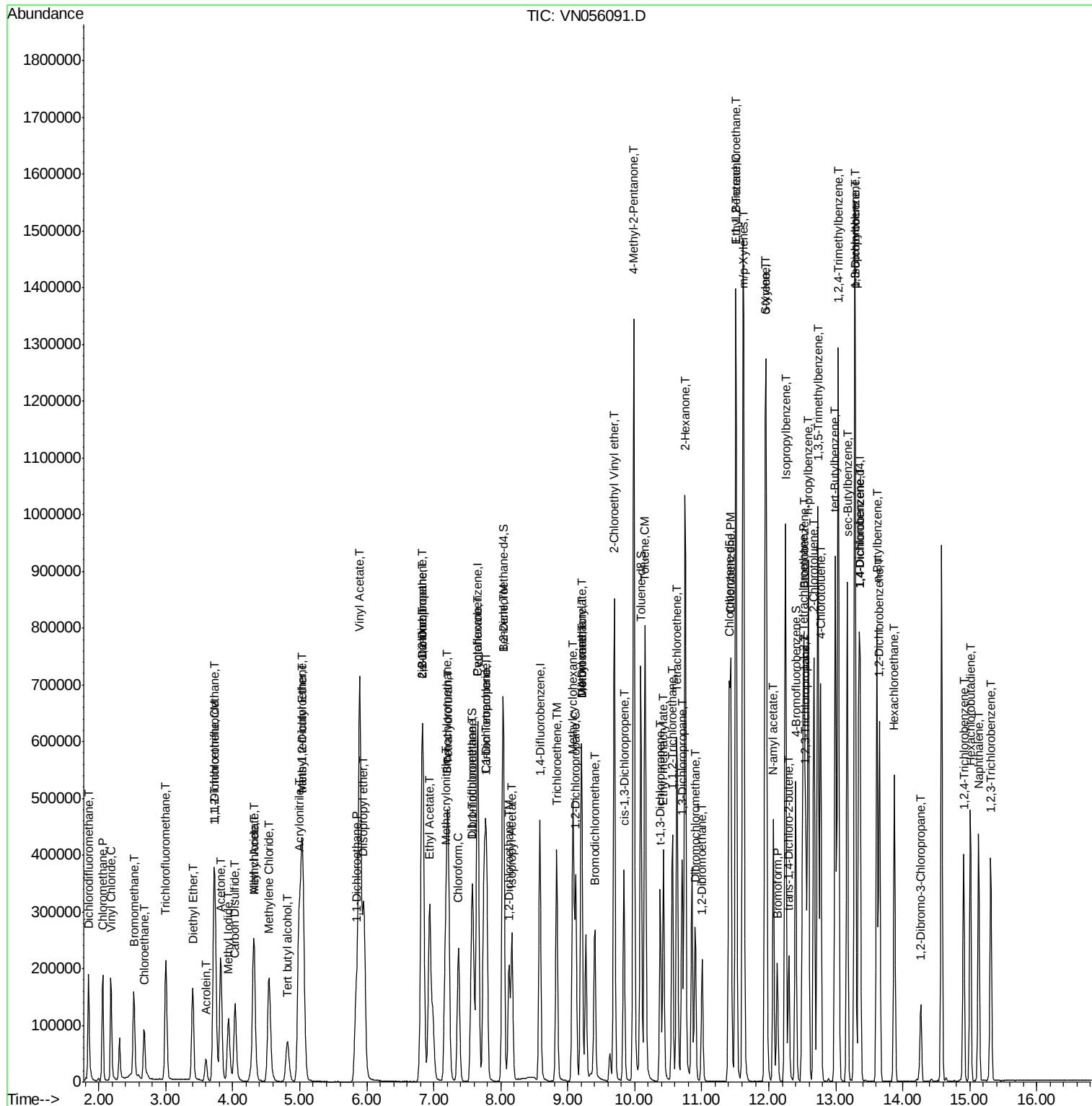
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Data File : VN056091.D
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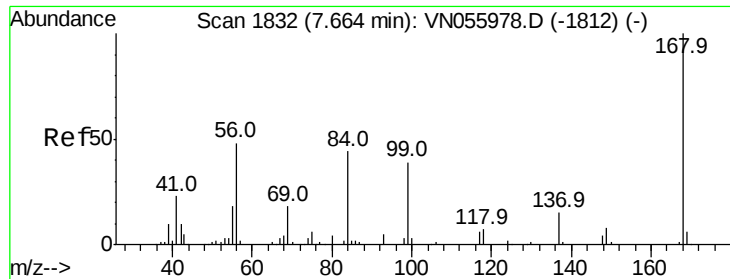
Instrument :
MSVOA_N
ClientSampleId :
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 312907

Ion Ratio Lower Upper

168 100

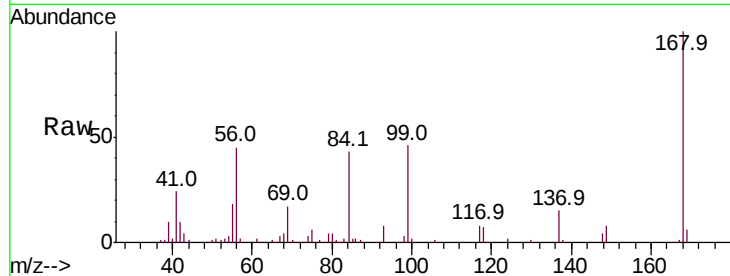
99 45.2 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

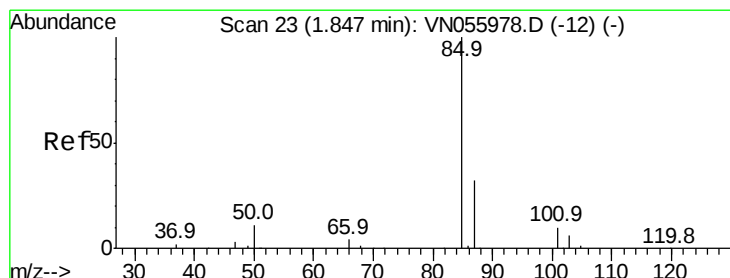
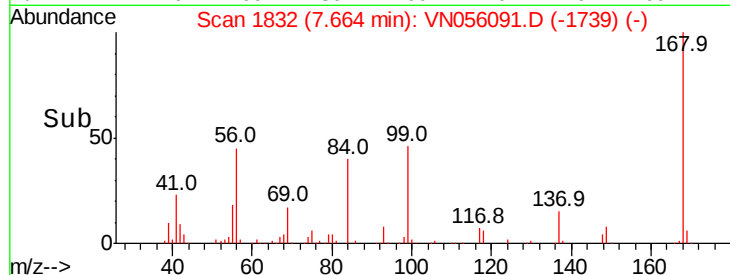
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.551 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056091.D

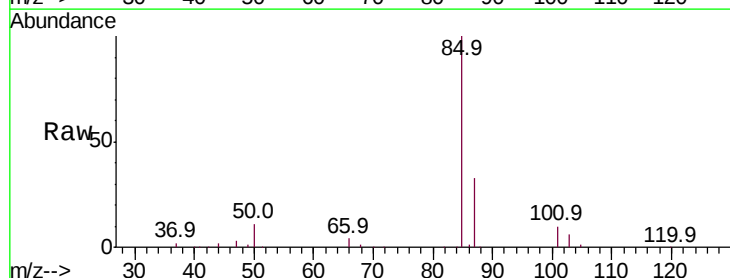
Acq: 7 Jun 2019 11:25

Tgt Ion: 85 Resp: 166862

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

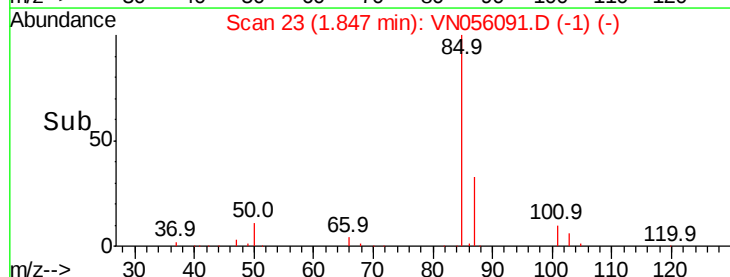
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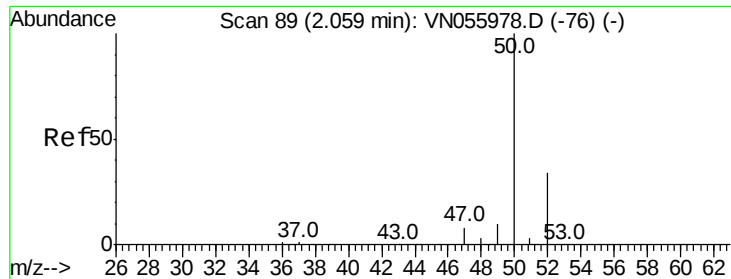
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20000

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Time-->





#3

Chloromethane

Concen: 51.513 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 174729

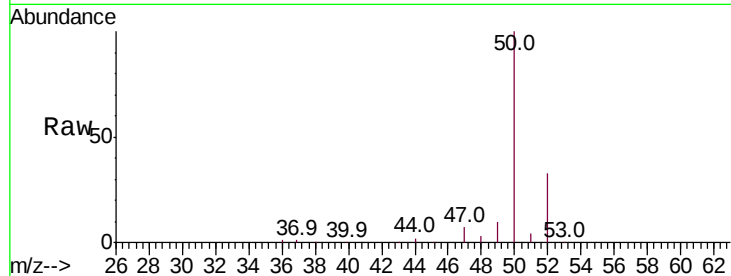
Ion Ratio Lower Upper

50 100

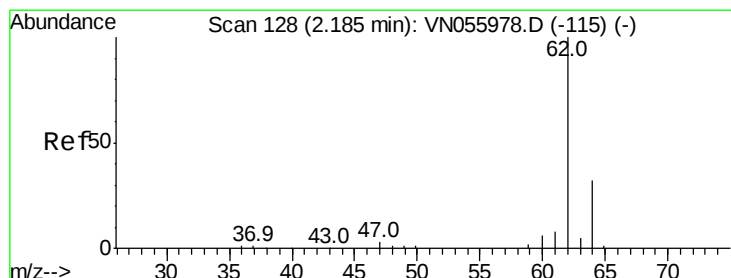
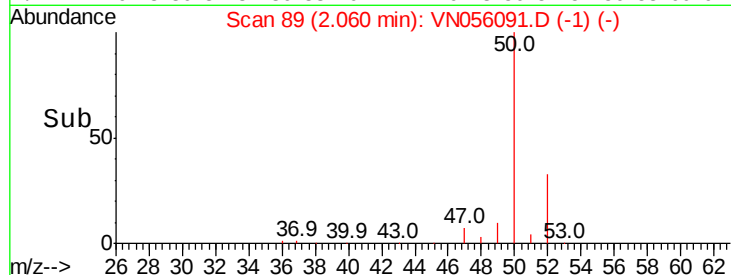
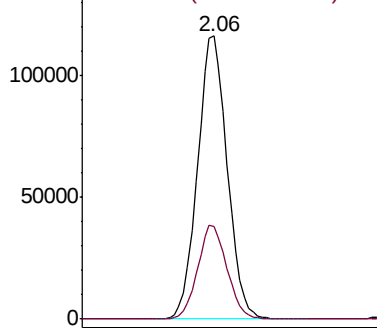
52 32.8 26.6 40.0

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.012 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056091.D

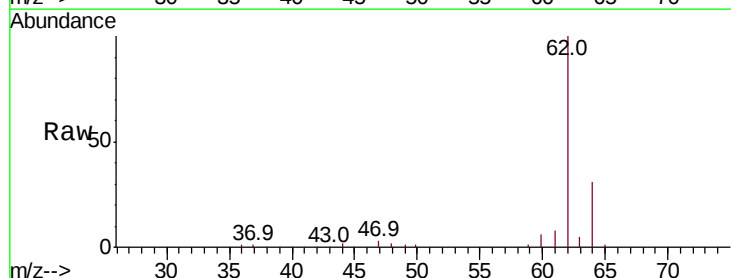
Acq: 7 Jun 2019 11:25

Tgt Ion: 62 Resp: 173563

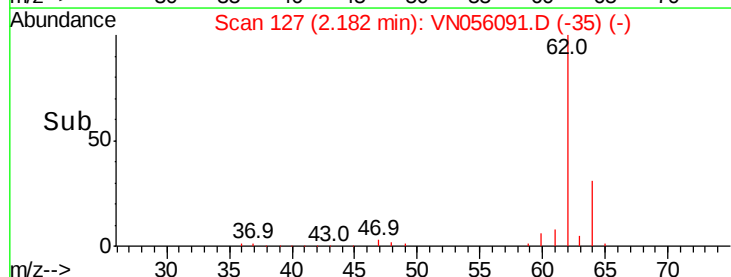
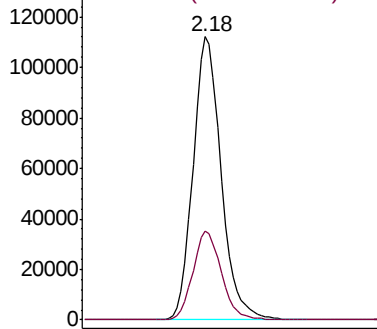
Ion Ratio Lower Upper

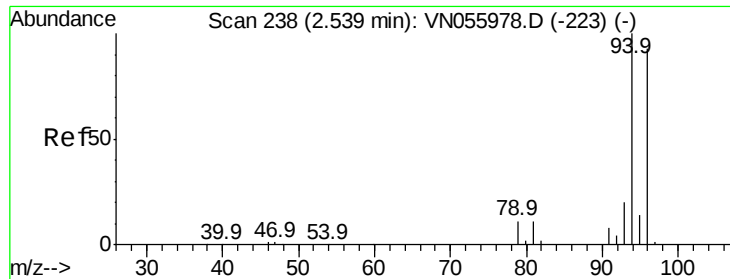
62 100

64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





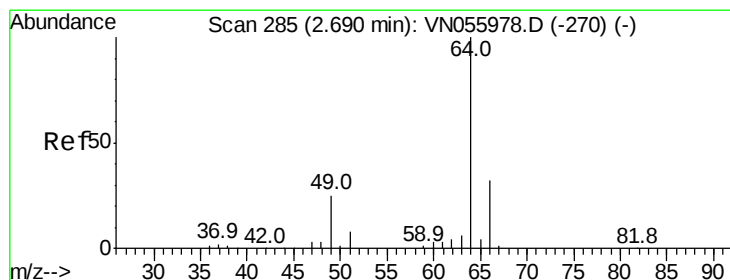
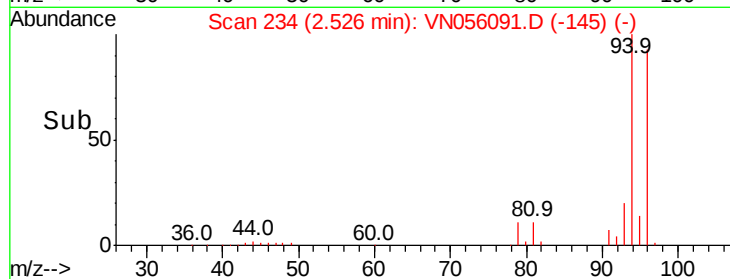
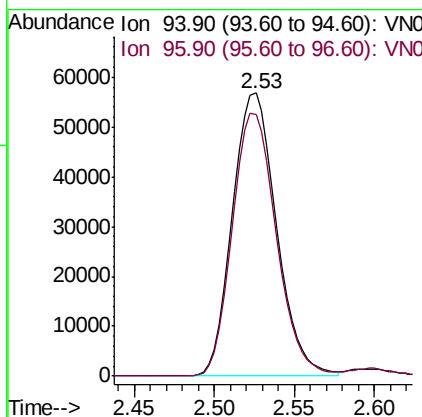
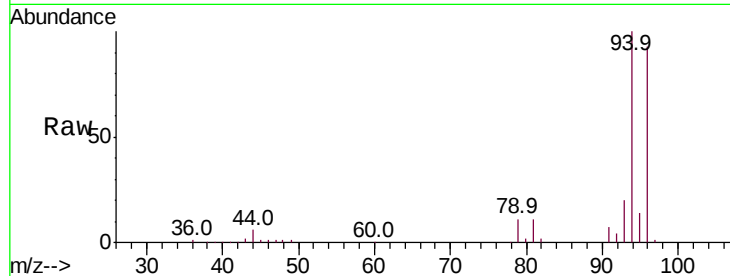
#5
Bromomethane
Concen: 49.727 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
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ClientSampleId :
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Tot Ion	94	Resp	106877
Ion Ratio	94	100	
Lower	96	92.6	75.5
Upper			113.3

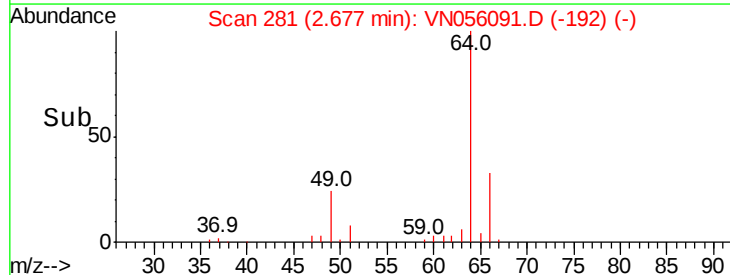
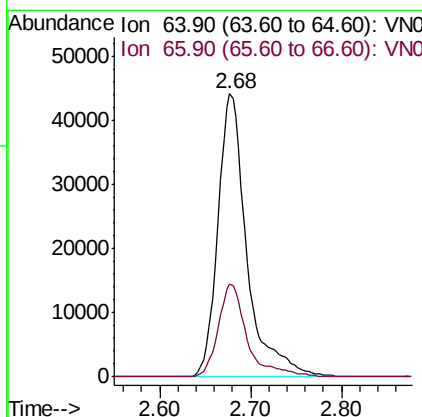
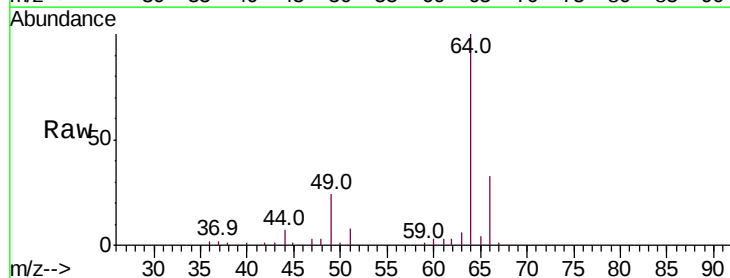
Manual Integrations
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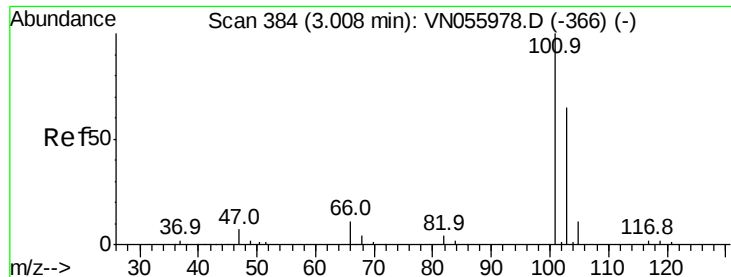
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6/10/2019 3:31:31 PM



#6
Chloroethane
Concen: 49.647 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	64	Resp	97940
Ion Ratio	64	100	
Lower	66	32.7	25.4
Upper			38.0





#7

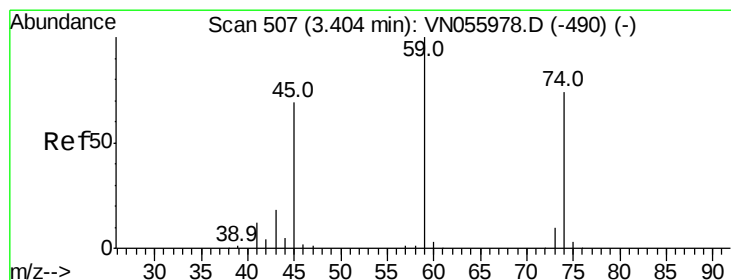
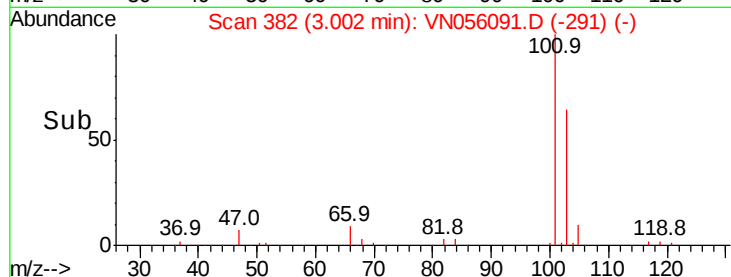
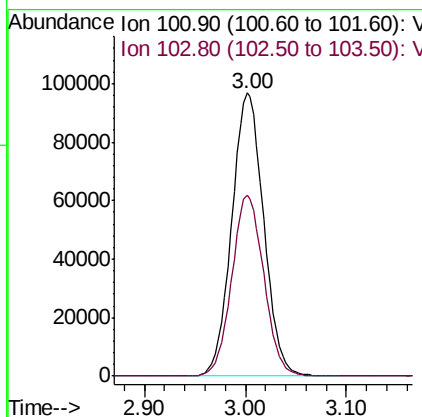
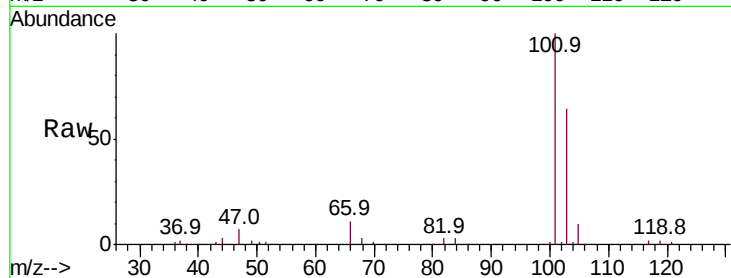
Trichlorofluoromethane
Concen: 48.971 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.2	76.8

Manual Integrations
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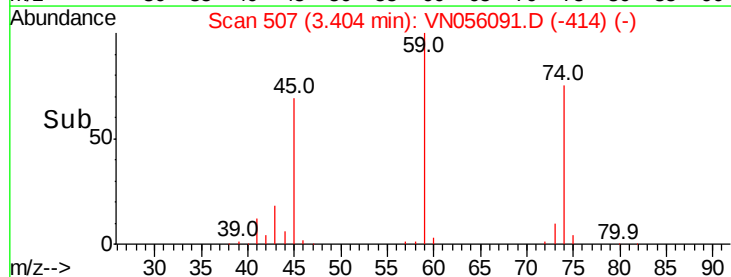
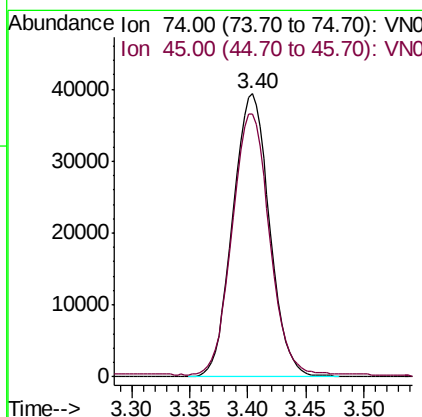
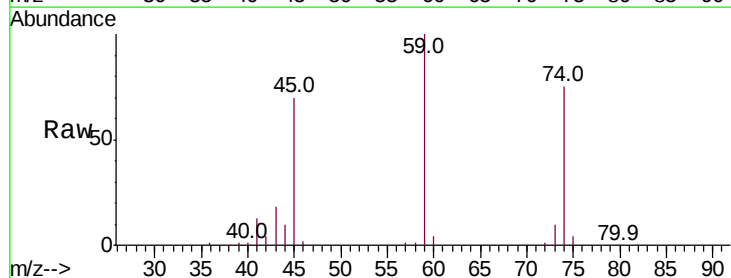
MMDadoda
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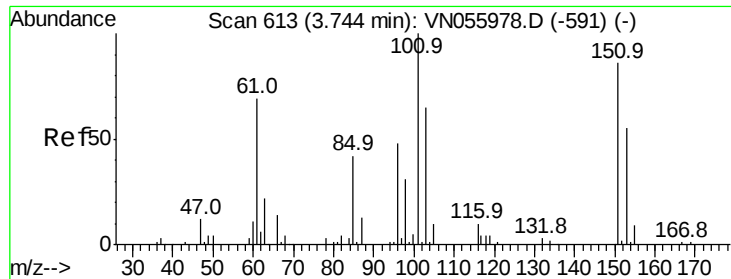


#8

Diethyl Ether
Concen: 48.490 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.411 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

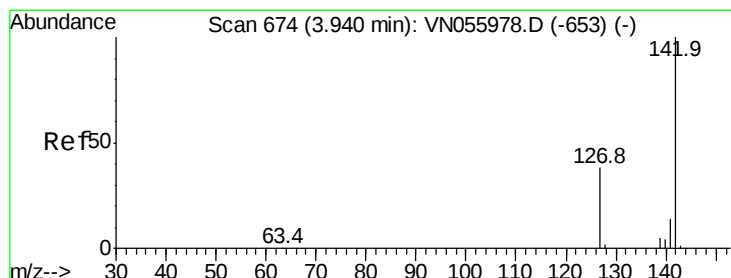
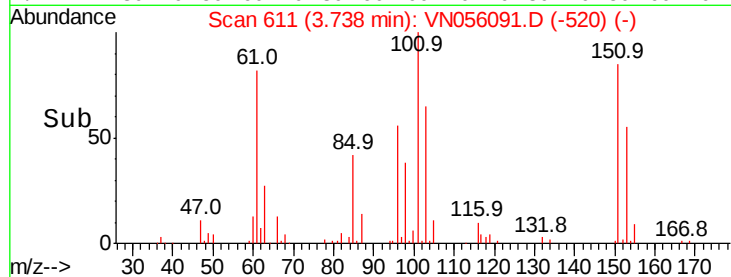
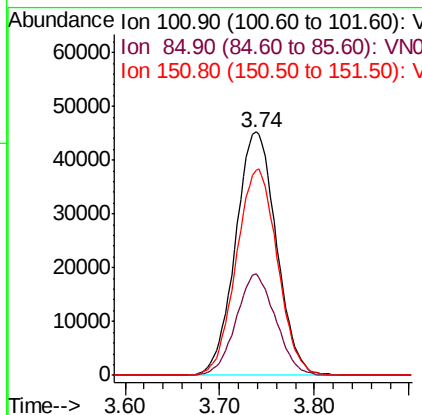
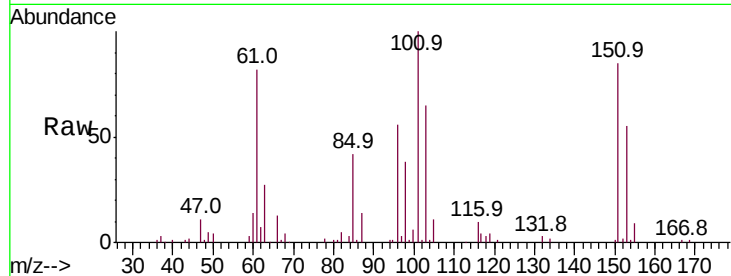
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135649
Ion Ratio	Lower	Upper	
101	100		
85	40.2	33.4	50.2
151	85.4	69.4	104.2

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#10

Methyl Iodide

Concen: 47.001 ug/l

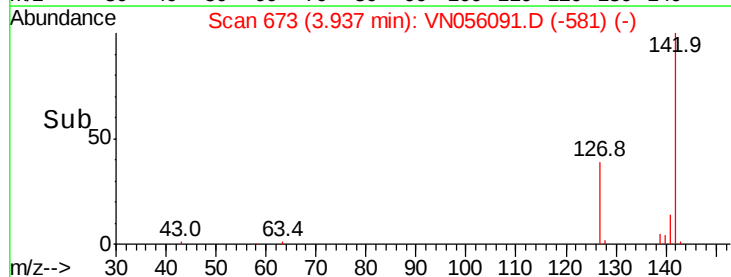
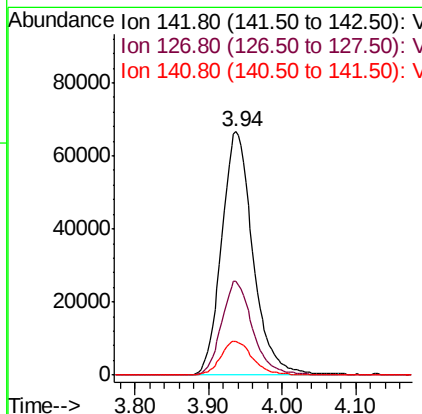
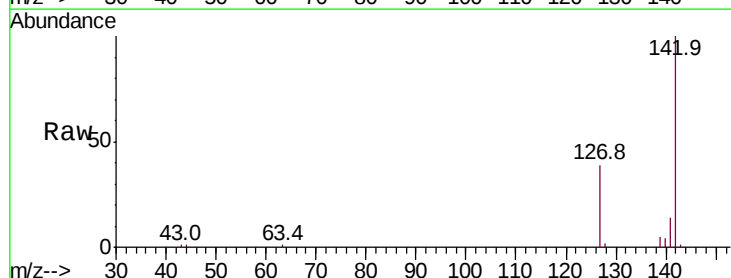
RT: 3.94 min Scan# 673

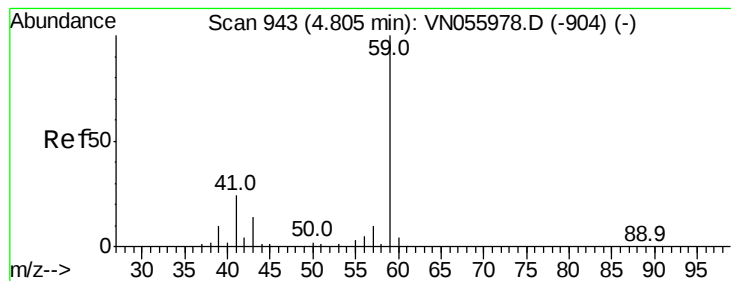
Delta R.T. -0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	142	Resp:	197077
Ion Ratio	Lower	Upper	
142	100		
127	38.1	31.0	46.4
141	14.2	11.4	17.0





#11

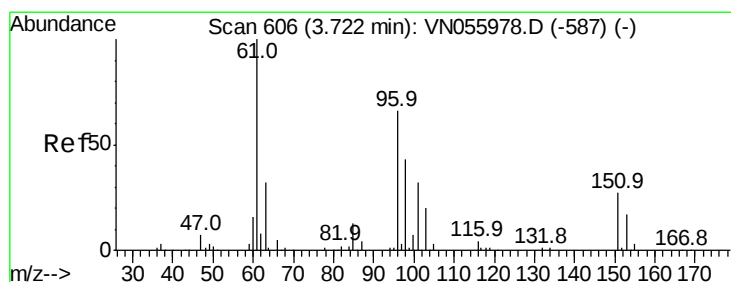
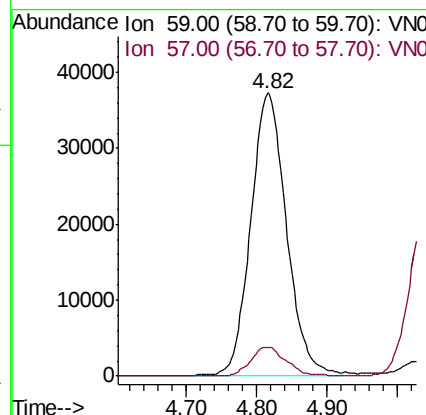
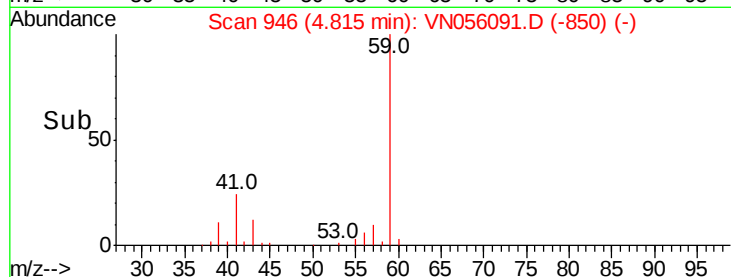
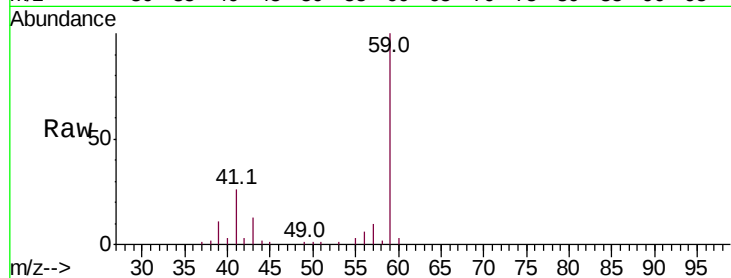
Tert butyl alcohol
 Concen: 244.087 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

Manual Integrations
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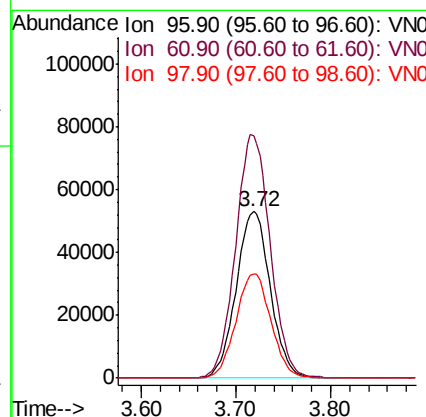
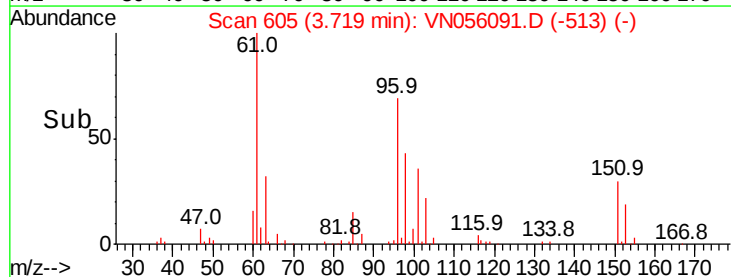
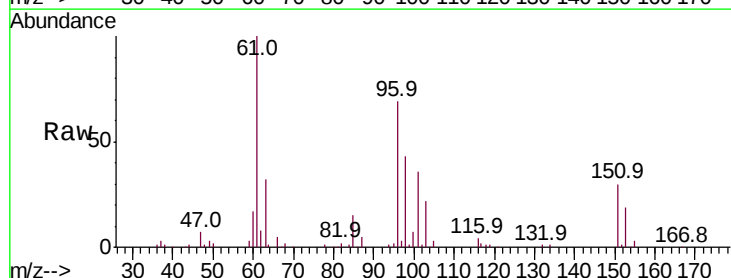
MMDadoda
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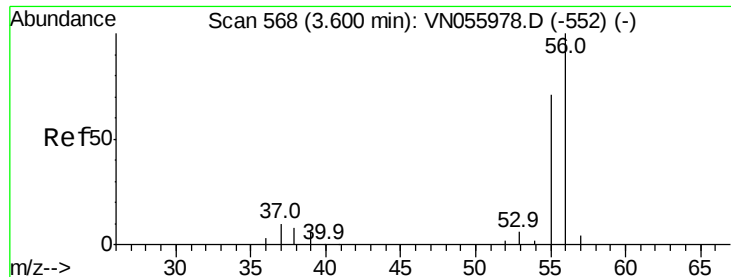


#12

1,1-Dichloroethene
 Concen: 50.612 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.9	123.2	184.8
98	62.9	50.4	75.6





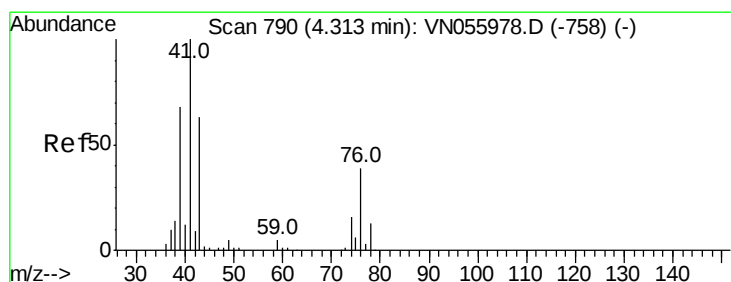
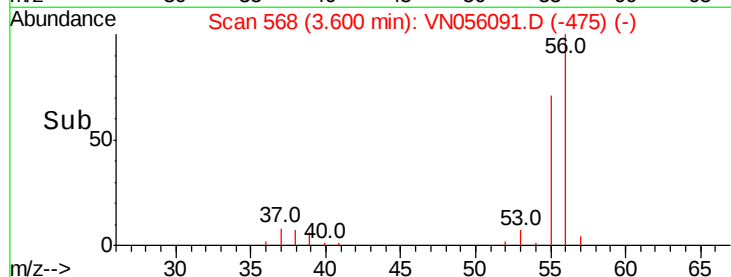
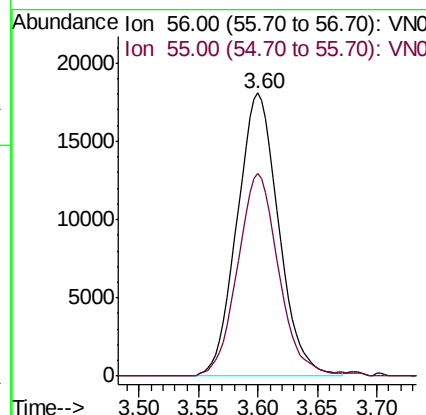
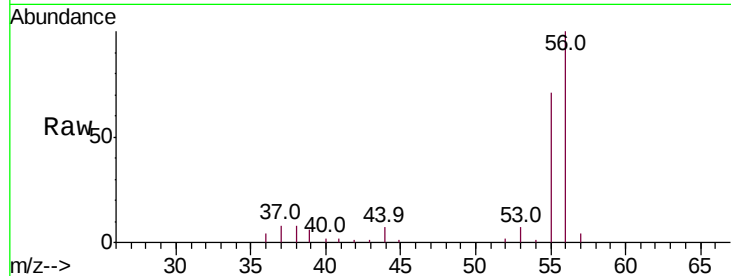
#13
Acrolein
Concen: 280.736 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	43776
Ion Ratio	100	Lower	Upper
55	70.4	55.4	83.2

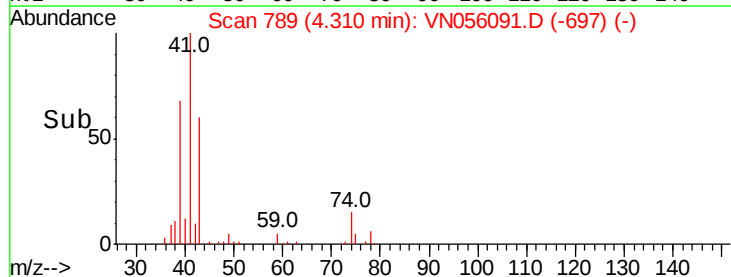
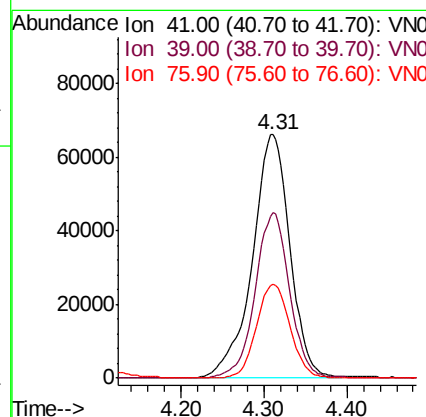
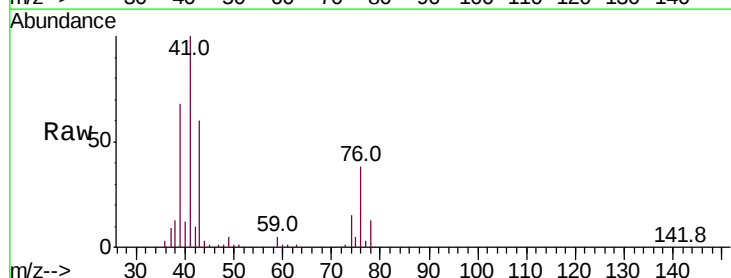
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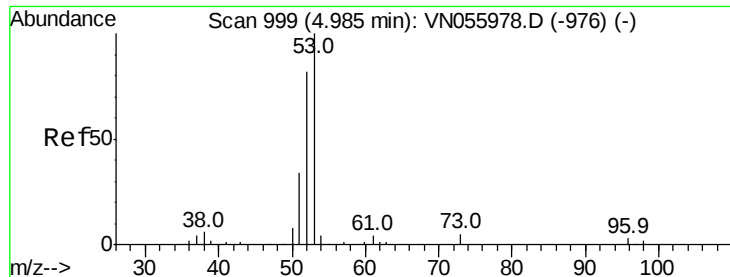
MMDadoda
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#14
Allyl chloride
Concen: 50.151 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	41	Resp	208018
Ion Ratio	100	Lower	Upper
39	62.4	50.0	75.0
76	34.5	28.2	42.2





#15

Acrylonitrile

Concen: 278.883 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

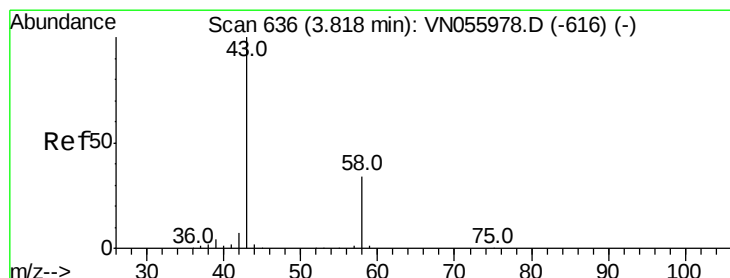
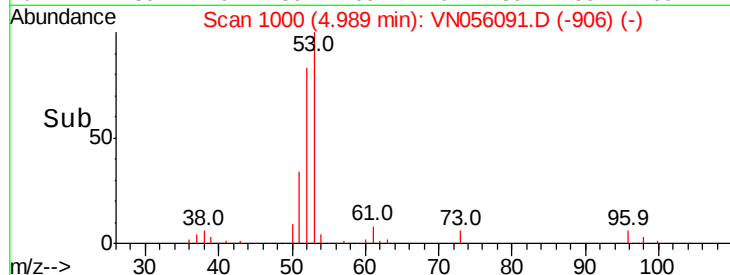
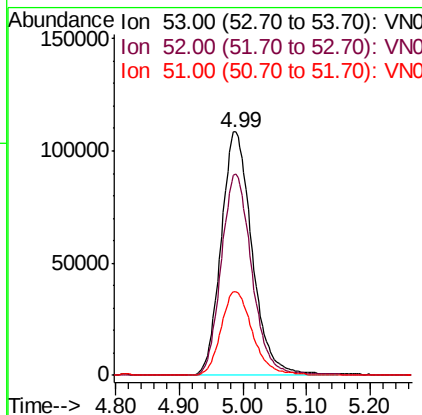
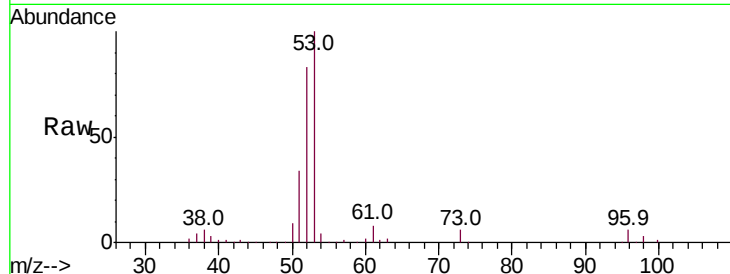
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	367049
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.8	98.8
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 247.567 ug/l

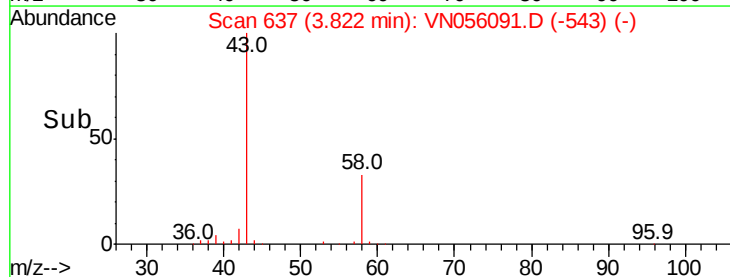
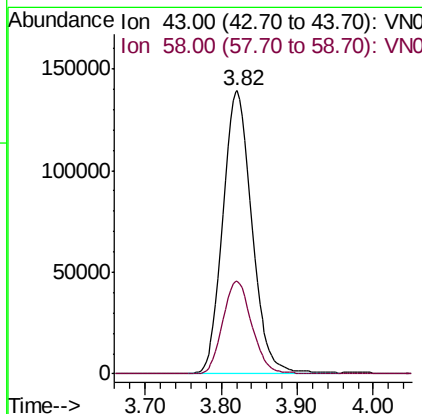
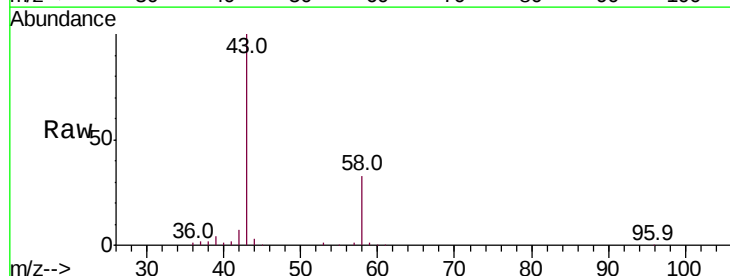
RT: 3.82 min Scan# 637

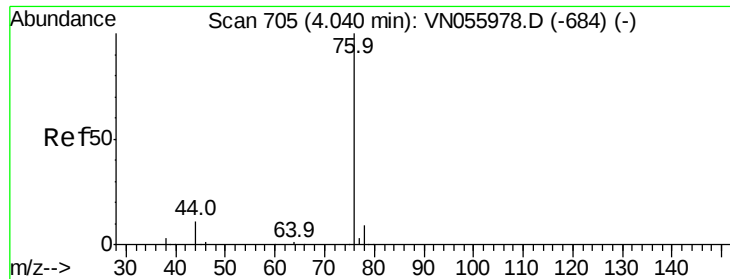
Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	43	Resp:	367869
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.6	39.8





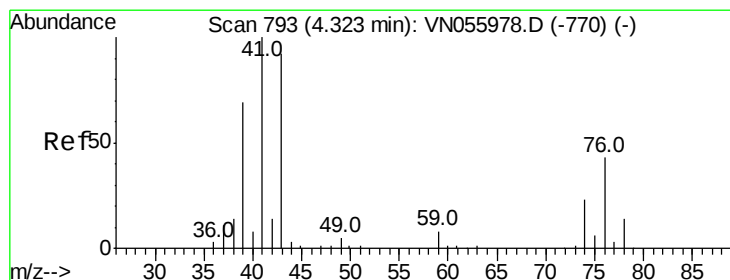
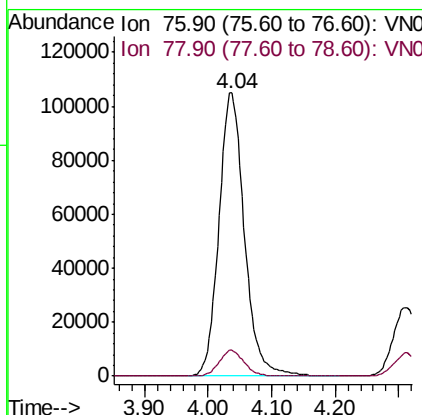
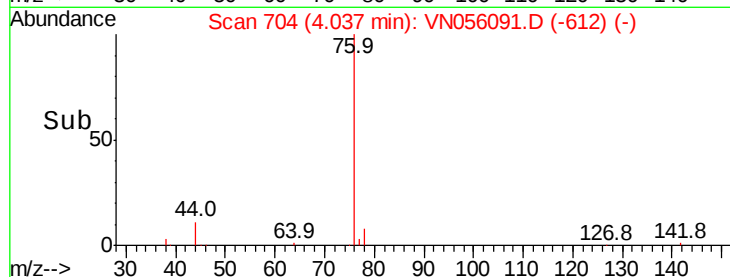
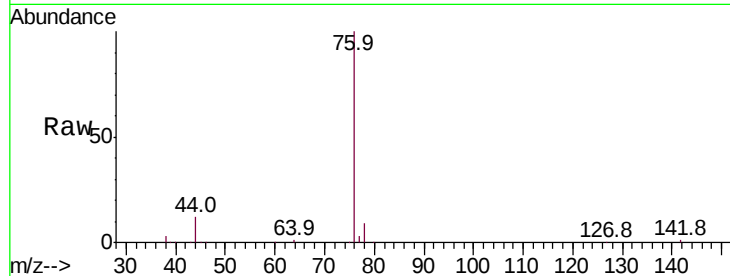
#17
Carbon Disulfide
Concen: 46.443 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 292104
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

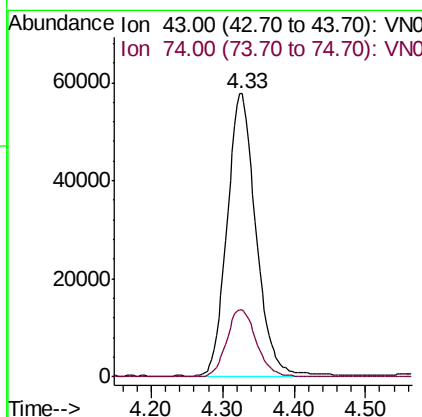
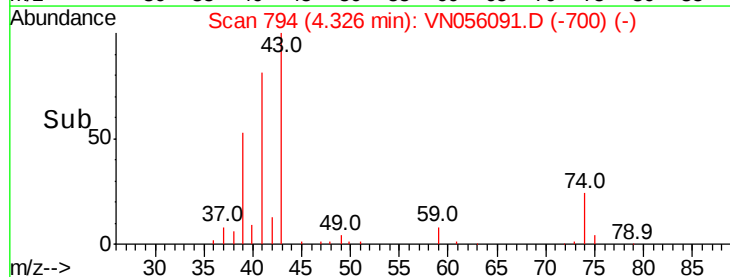
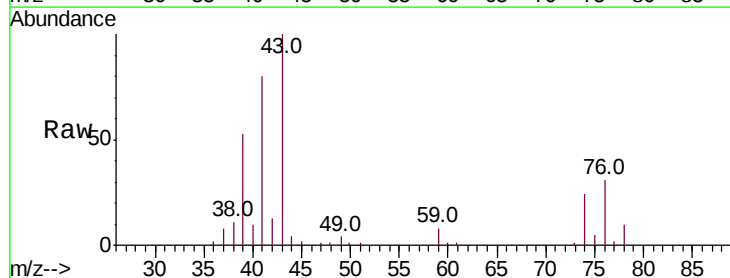
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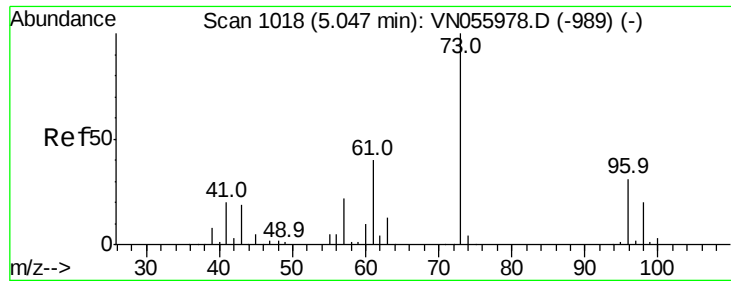
MMDadoda
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#18
Methyl Acetate
Concen: 55.748 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 43 Resp: 162523
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9





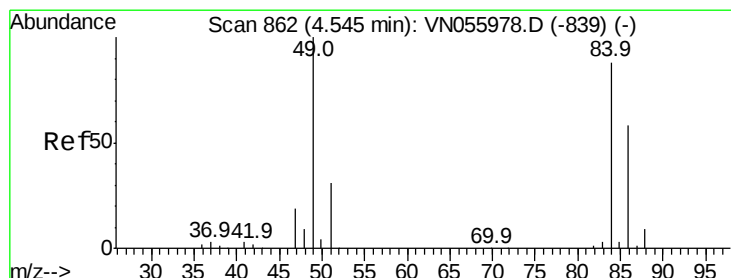
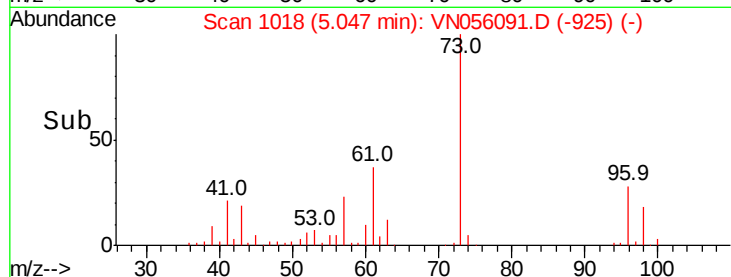
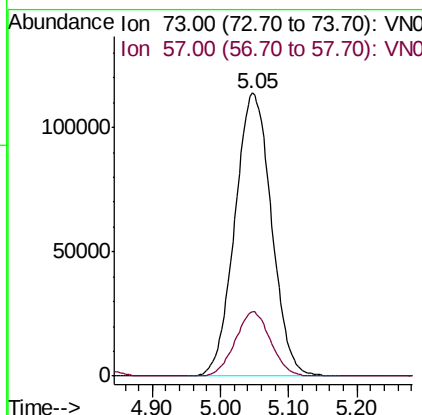
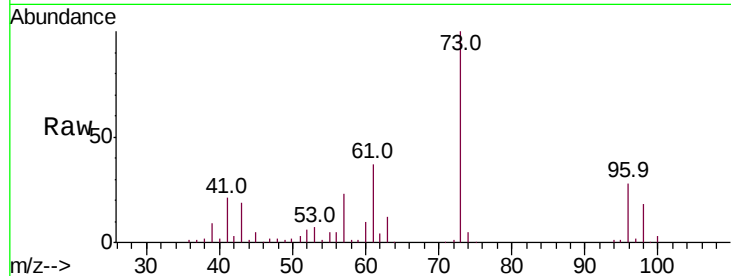
#19
Methvl tert-butvl Ether
Concen: 50.715 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 424644
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8

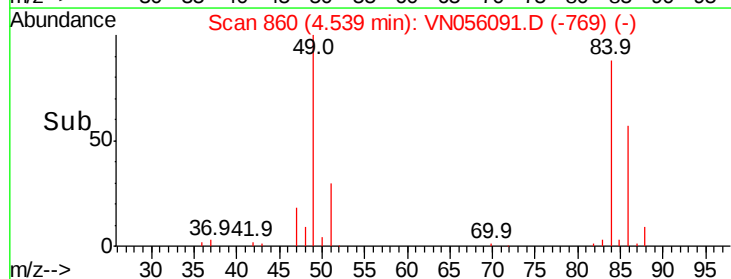
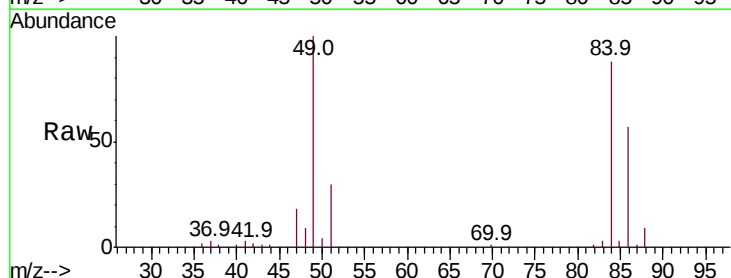
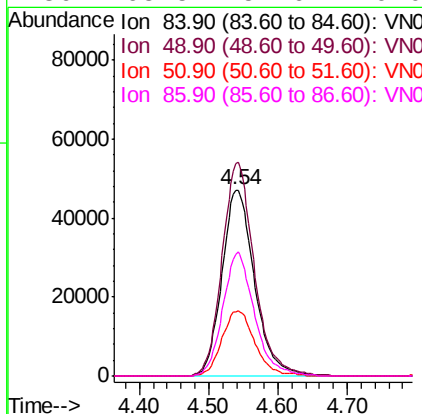
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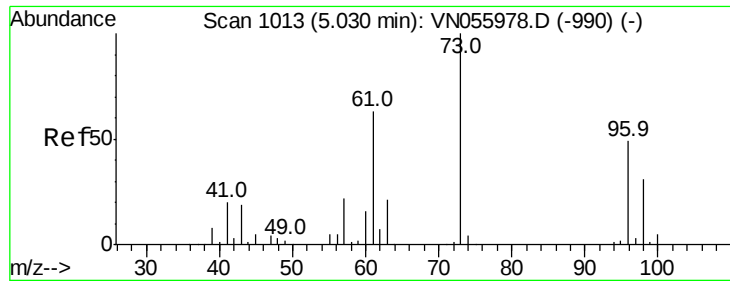
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#20
Methylene Chloride
Concen: 50.457 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 84 Resp: 154468
Ion Ratio Lower Upper
84 100
49 114.1 93.5 140.3
51 34.7 28.6 43.0
86 65.5 52.6 79.0





#21

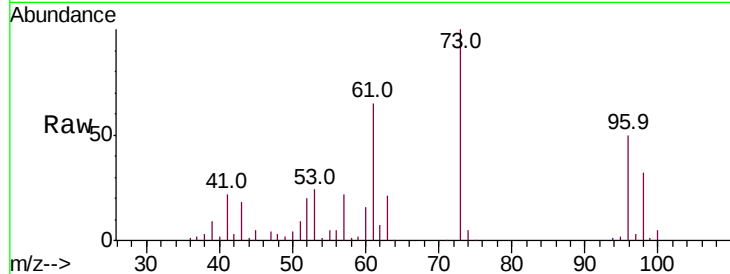
trans-1,2-Dichloroethene
Concen: 50.075 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.8	161.8
98	63.7	49.8	74.8

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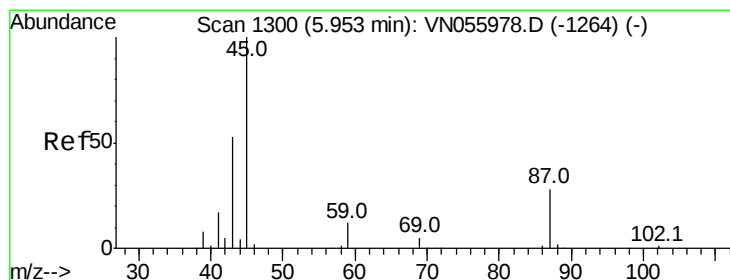
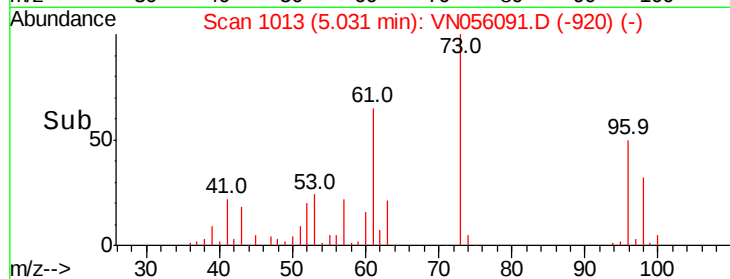
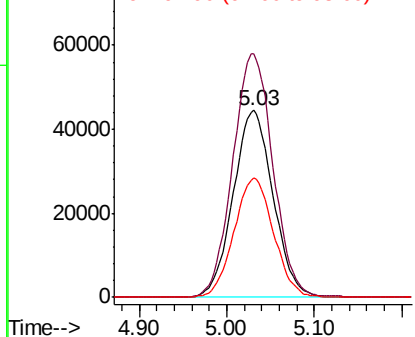


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether
Concen: 51.232 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.0	45.0	67.6
87	28.8	22.2	33.4
59	11.6	9.1	13.7

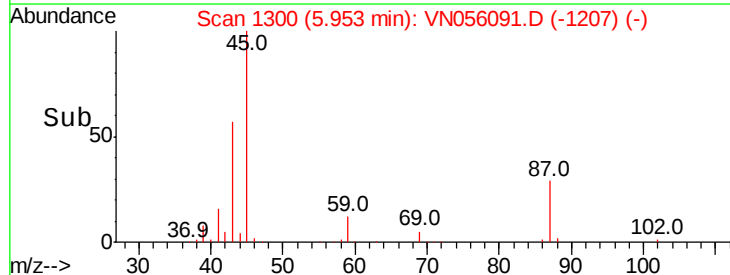
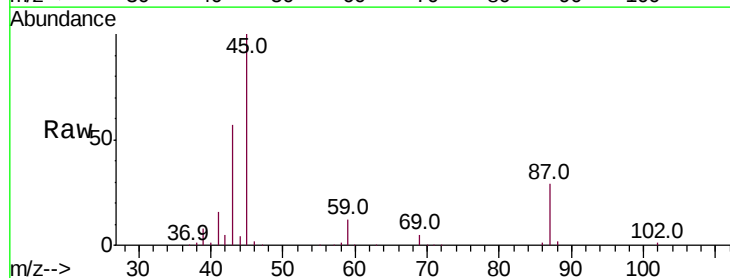
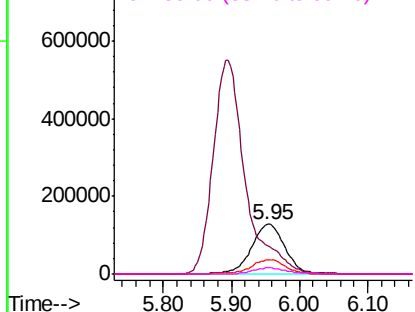
Abundance

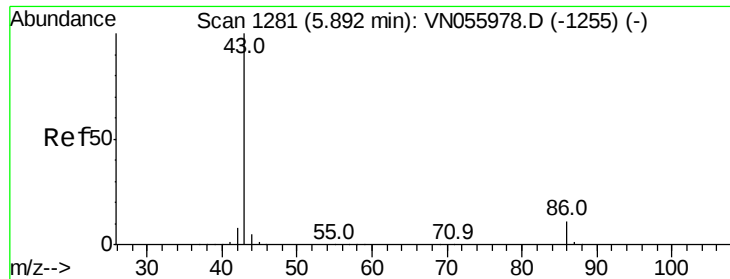
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





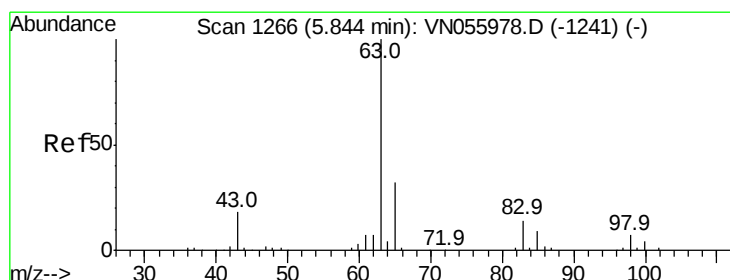
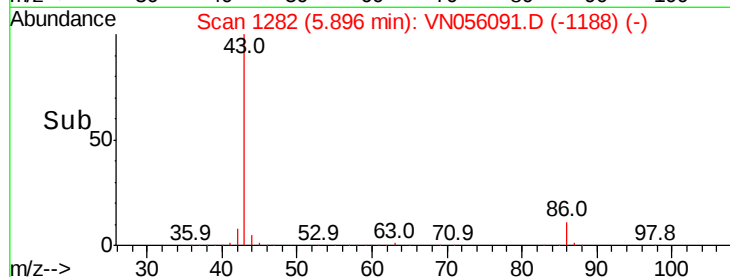
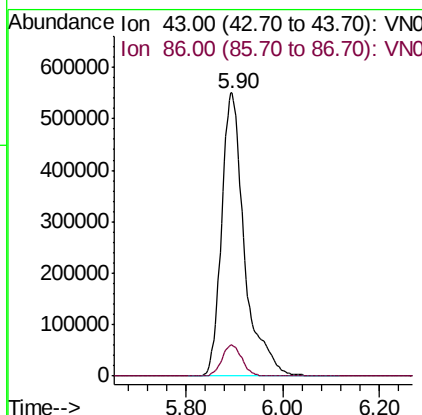
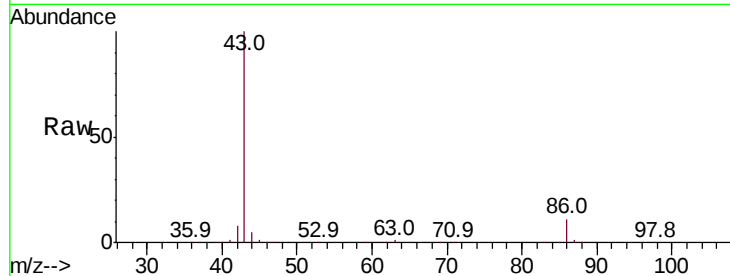
#23
 Vinyl Acetate
 Concen: 268.798 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1814991
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

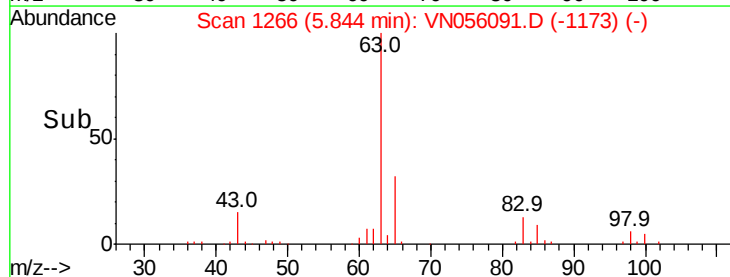
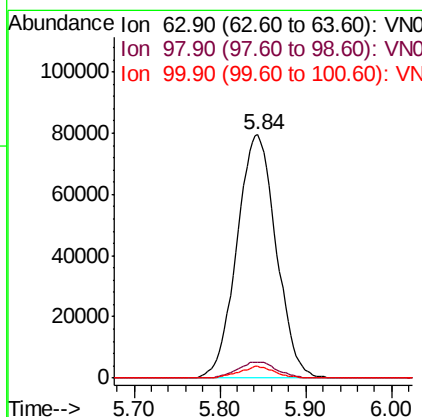
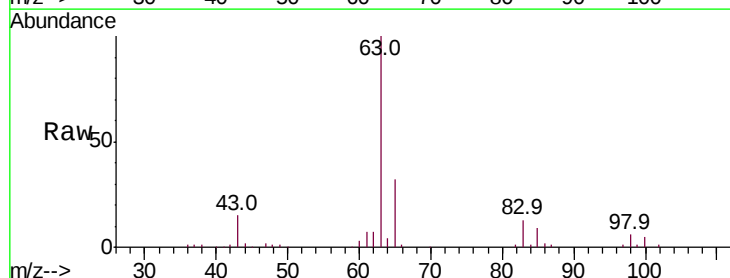
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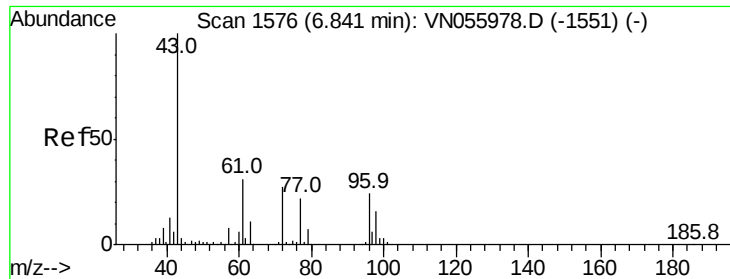
MMDadoda
 6/10/2019 3:31:31 PM



#24
 1,1-Dichloroethane
 Concen: 51.053 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 63 Resp: 252503
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.7 2.2 6.6





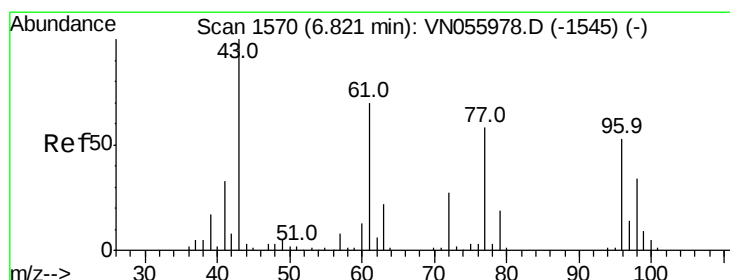
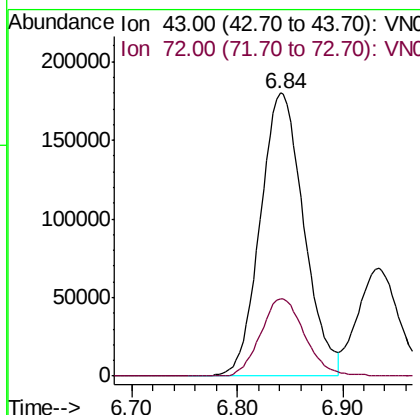
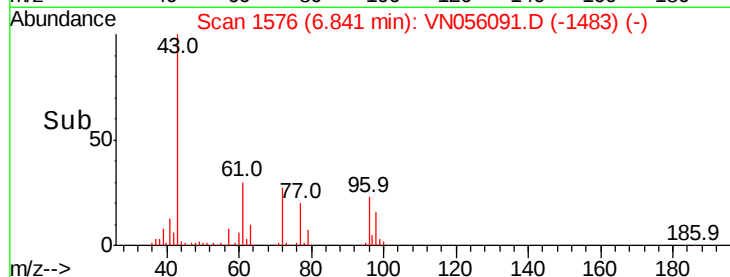
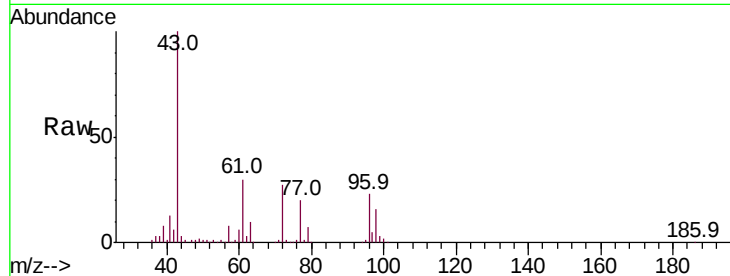
#25
2-Butanone
Concen: 274.438 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 515239
Ion Ratio Lower Upper
43 100
72 27.3 21.9 32.9

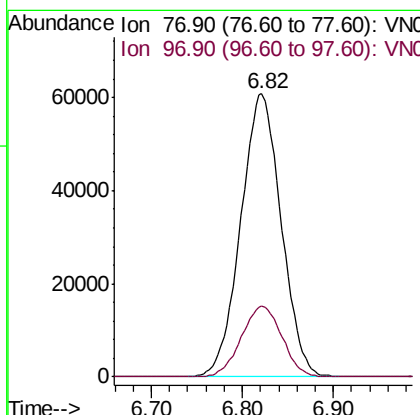
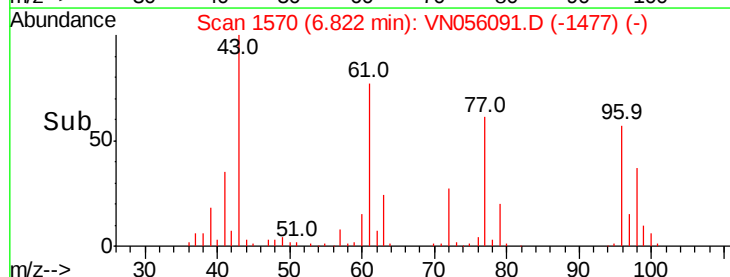
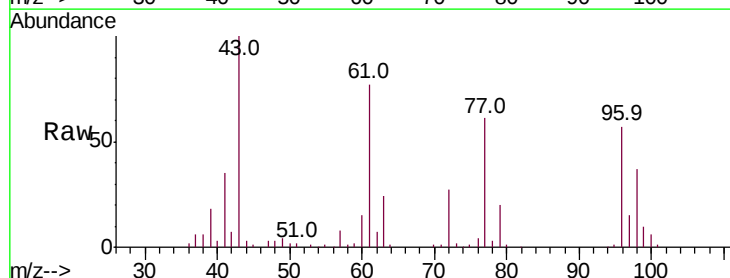
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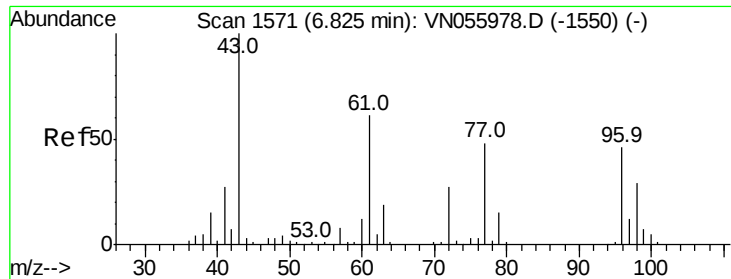
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.573 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 77 Resp: 187462
Ion Ratio Lower Upper
77 100
97 25.2 12.2 36.6





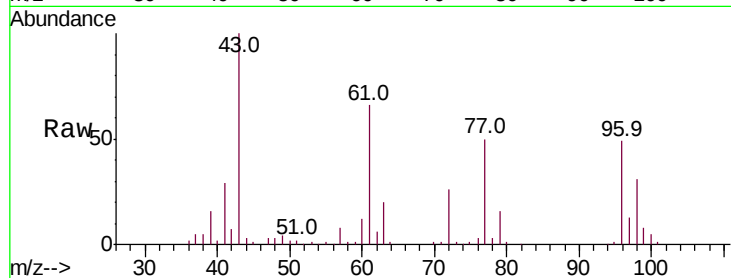
#27
 cis-1,2-Dichloroethene
 Concen: 50.306 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166432		
61	135.0	0.0	275.8	
98	65.2	0.0	128.4	

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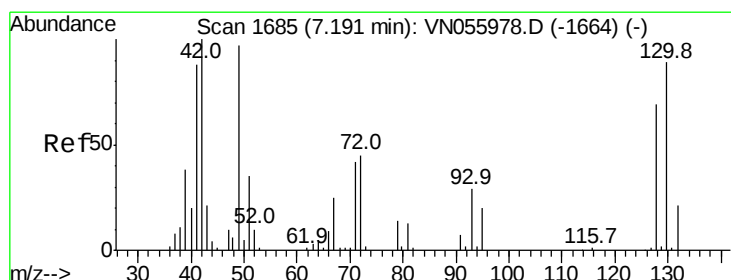
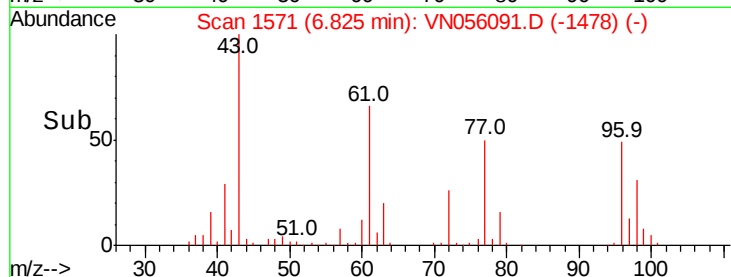
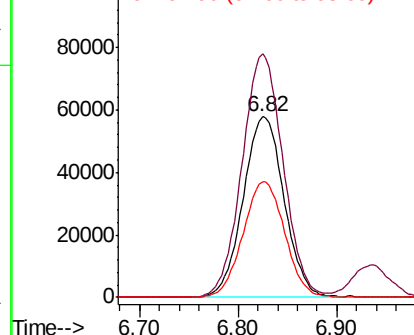


Abundance

Ion 95.90 (95.60 to 96.60): VN0

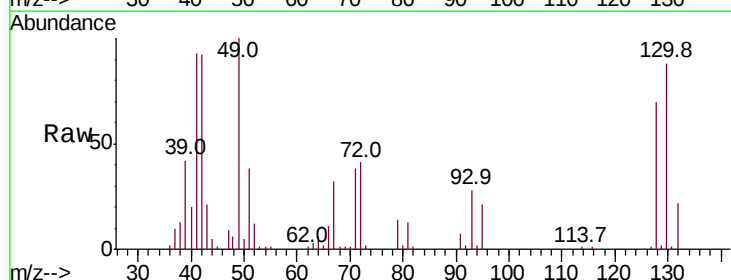
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 52.666 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123183		
129	2.0	0.0	4.4	
130	89.5	71.2	106.8	

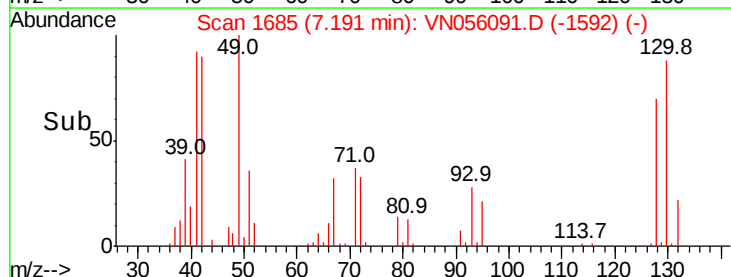
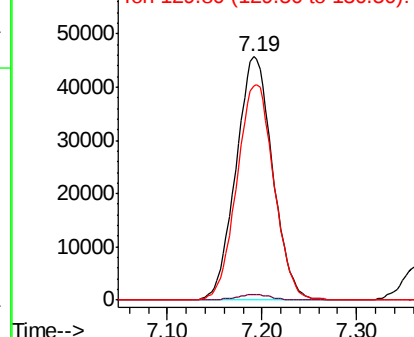


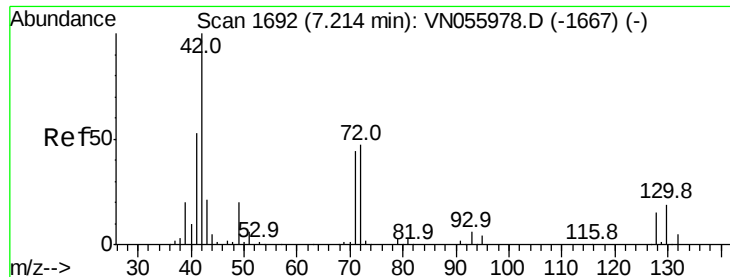
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





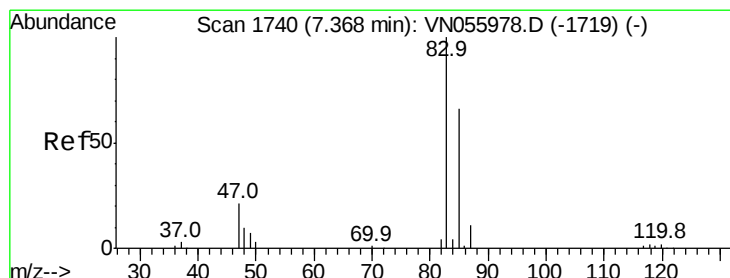
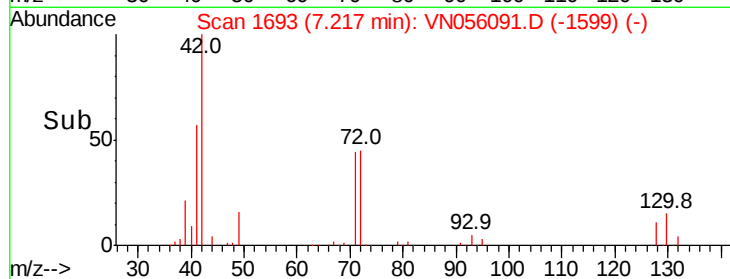
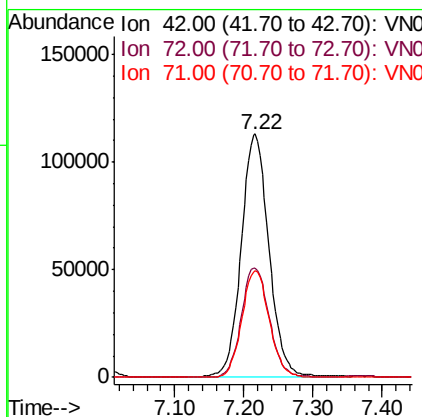
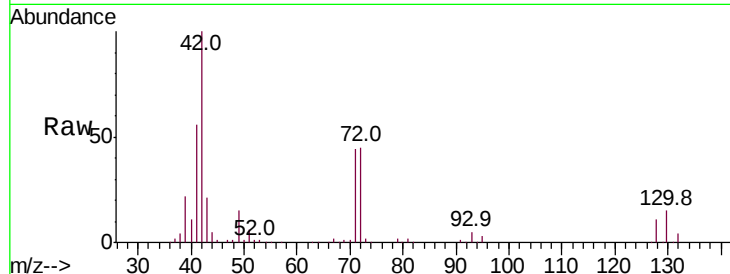
#29
Tetrahydrofuran
Concen: 271.698 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.9	53.9
71	43.0	34.0	51.0

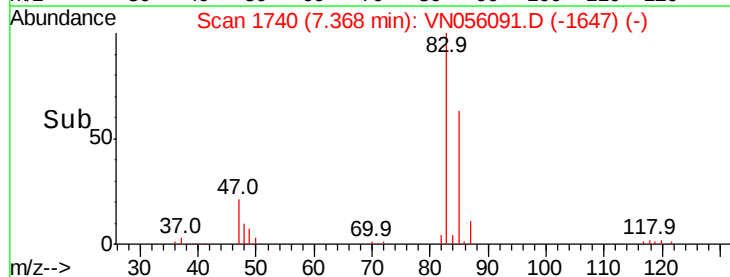
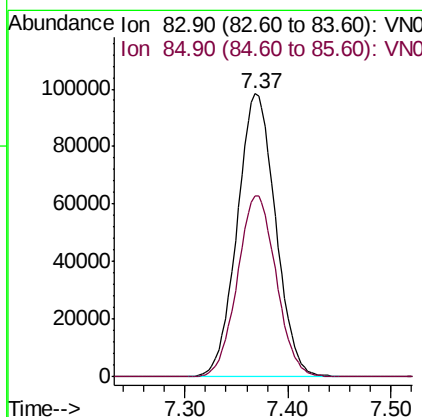
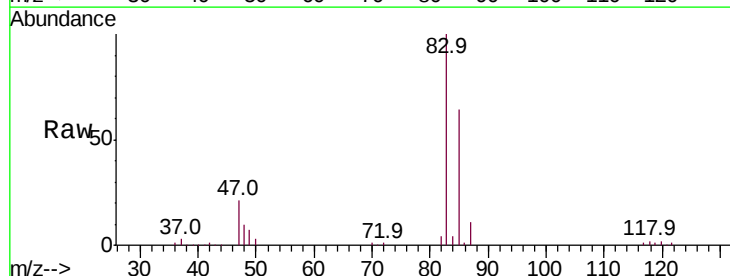
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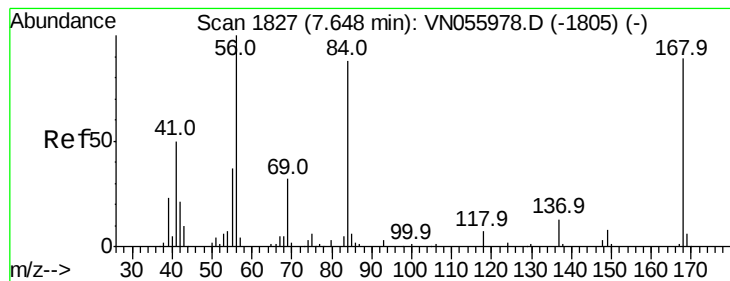
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#30
Chloroform
Concen: 51.127 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8





#31

Cyclohexane

Concen: 46.987 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

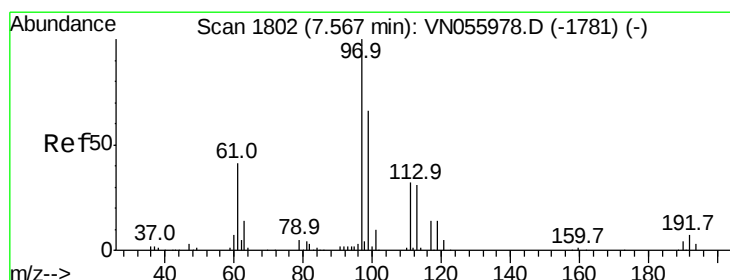
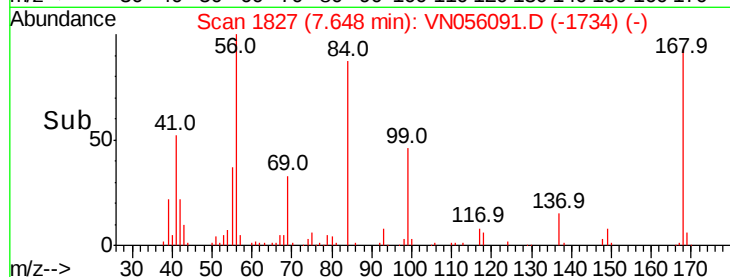
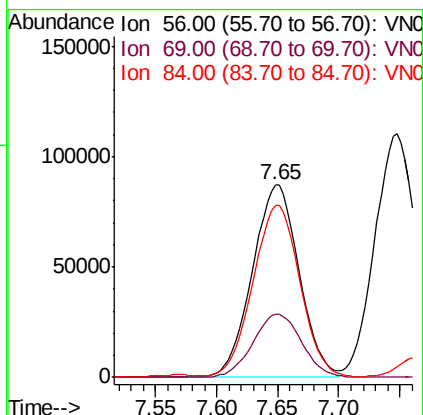
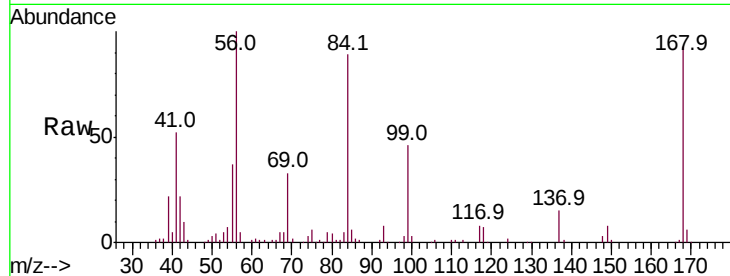
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	231644
Ion Ratio	Lower	Upper	
56	100		
69	32.8	25.6	38.4
84	87.8	67.4	101.0

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#32

1,1,1-Trichloroethane

Concen: 50.622 ug/l

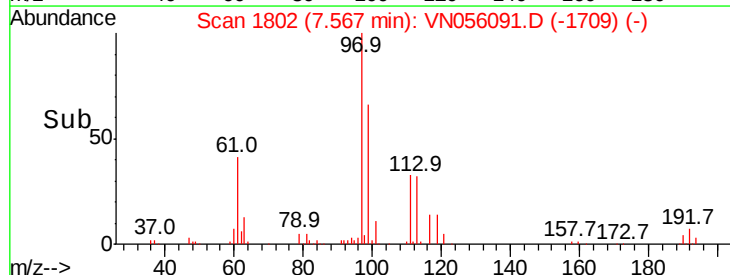
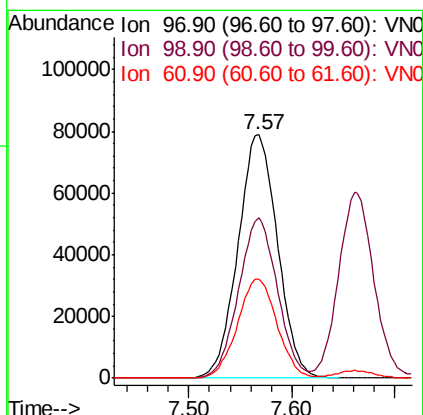
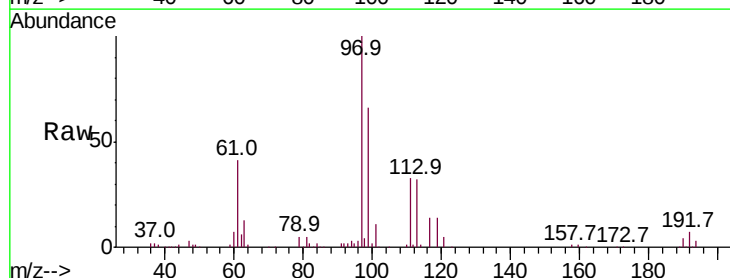
RT: 7.57 min Scan# 1802

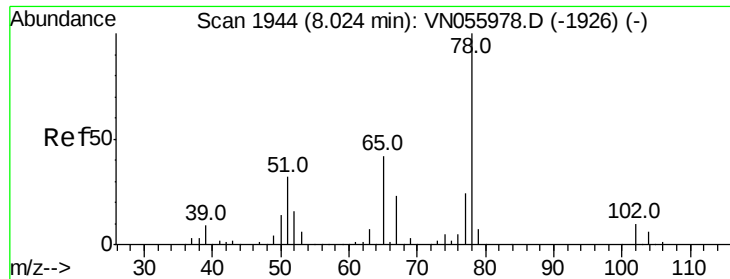
Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	97	Resp:	210327
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.0	78.0
61	40.9	32.9	49.3





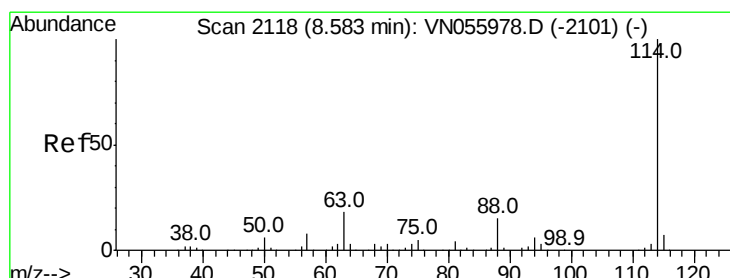
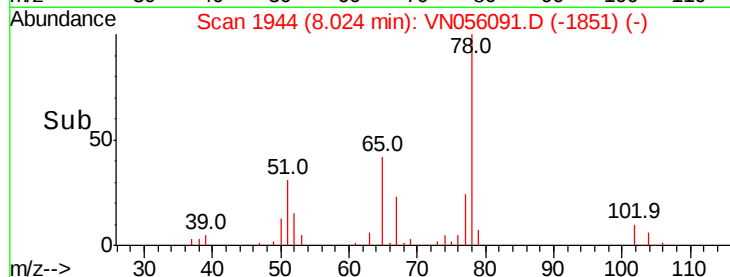
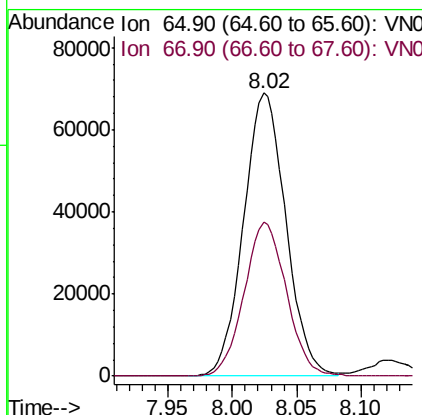
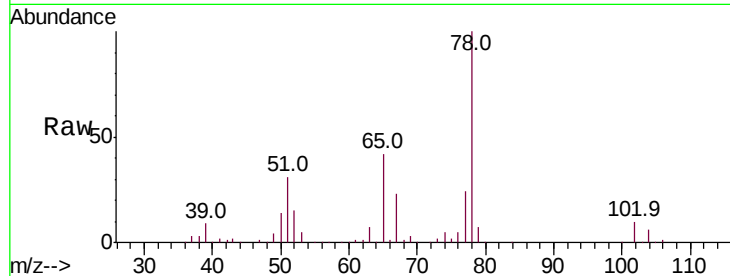
#33
 1,2-Dichloroethane-d4
 Concen: 50.716 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157571		
67	54.4	0.0	109.2	

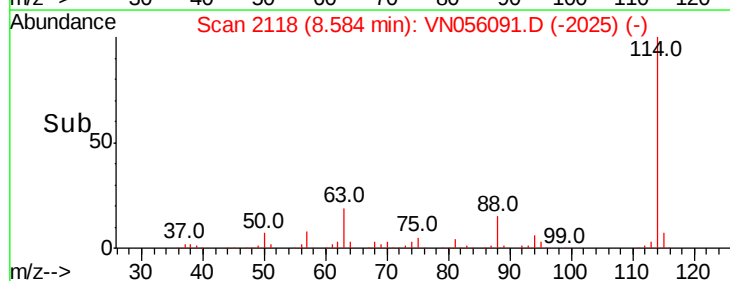
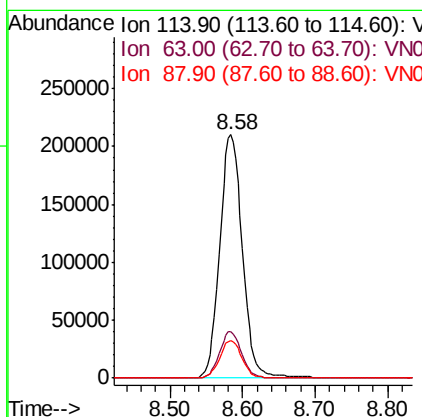
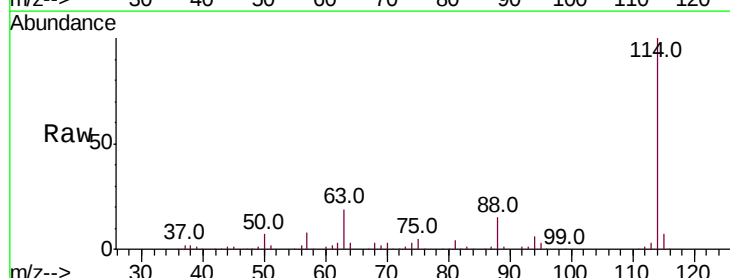
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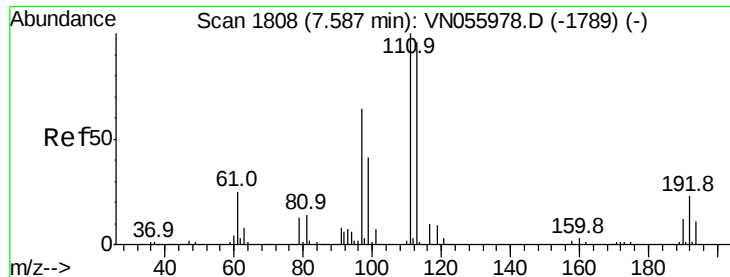
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455691		
63	19.1	0.0	39.2	
88	15.3	0.0	31.0	





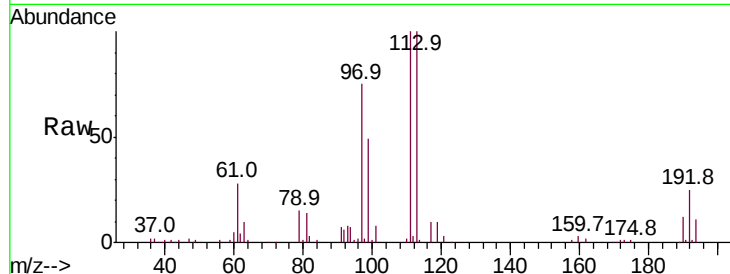
#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

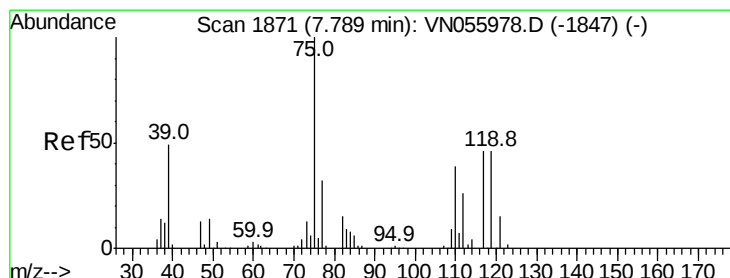
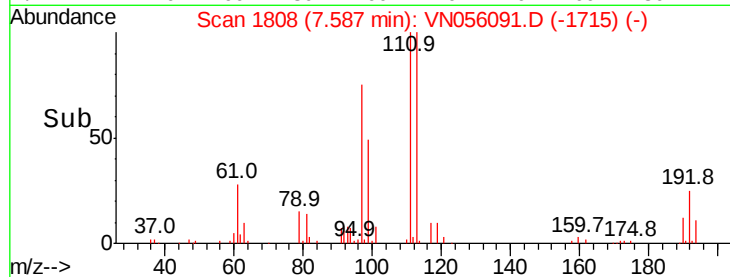
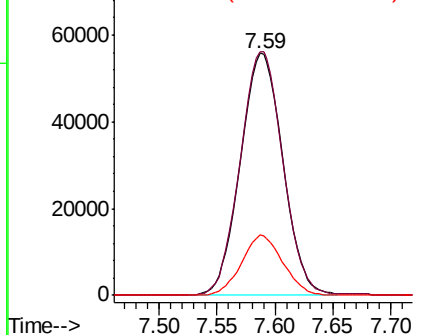
Tot Ion	Ratio	Resp	Lower	Upper
113	100	142219		
111	101.4	81.9	122.9	
192	24.1	19.5	29.3	

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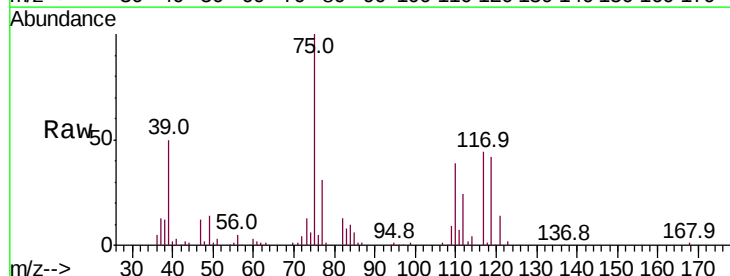


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

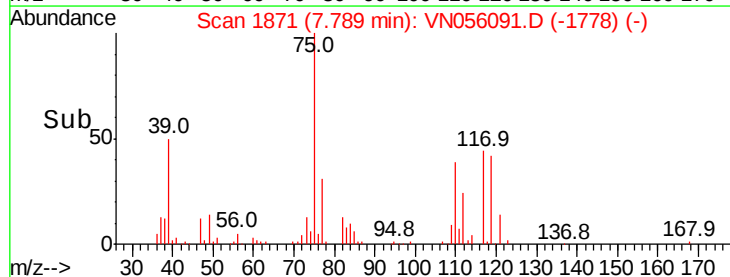
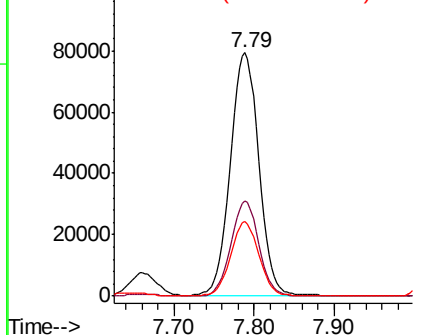


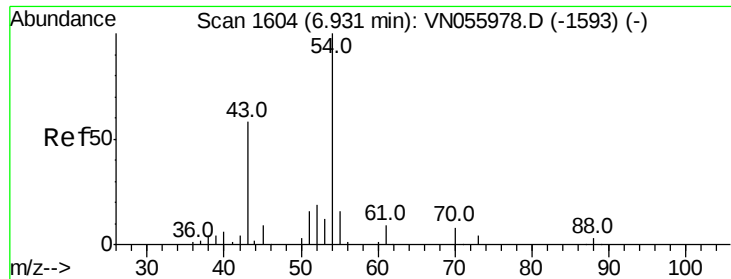
#36
 1,1-Dichloropropene
 Concen: 49.120 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192469		
110	37.9	19.0	57.0	
77	30.4	25.1	37.7	



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





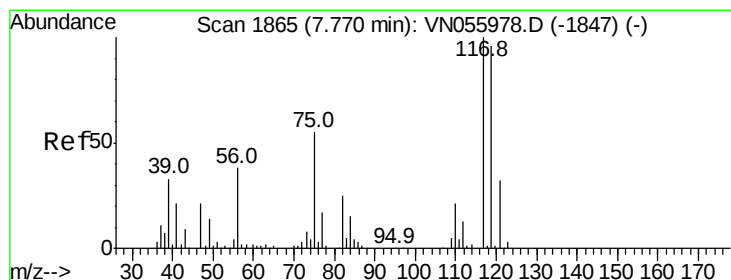
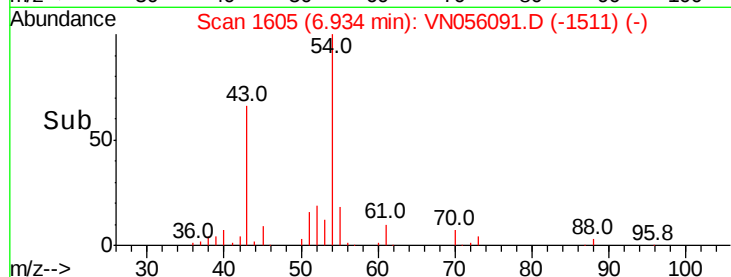
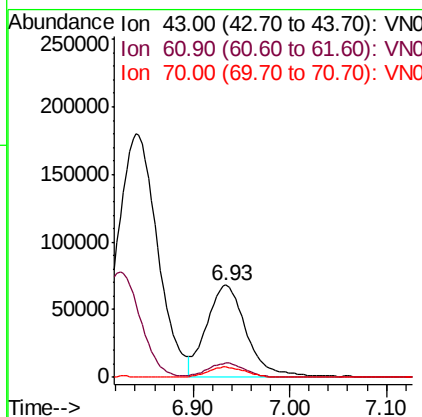
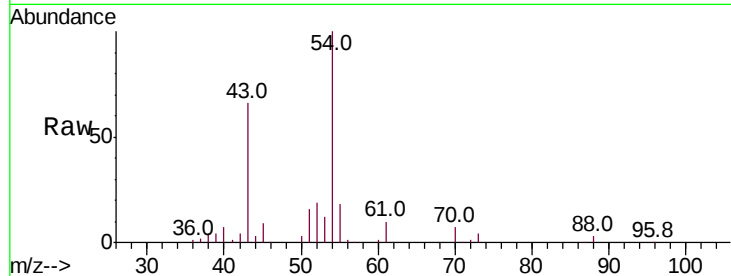
#37
Ethyl Acetate
Concen: 54.896 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.2	18.2
70	11.0	8.9	13.3

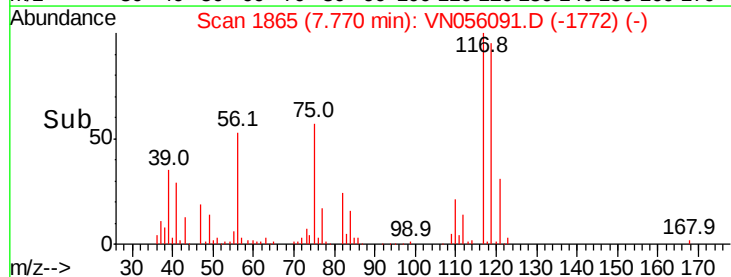
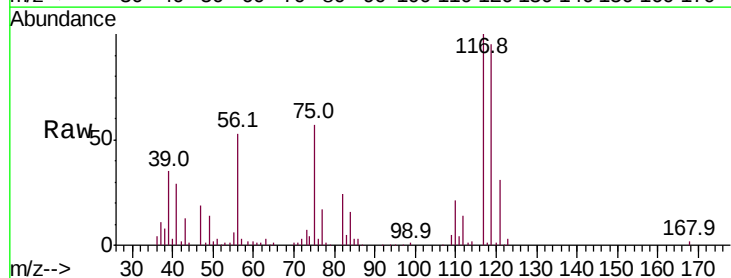
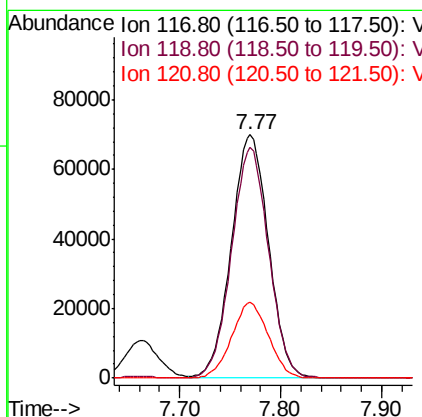
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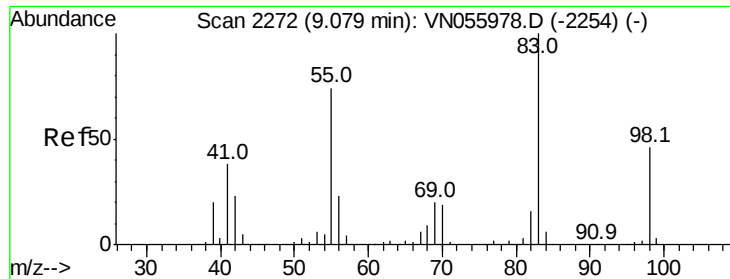
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#38
Carbon Tetrachloride
Concen: 49.592 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.0	118.6
121	31.1	24.7	37.1





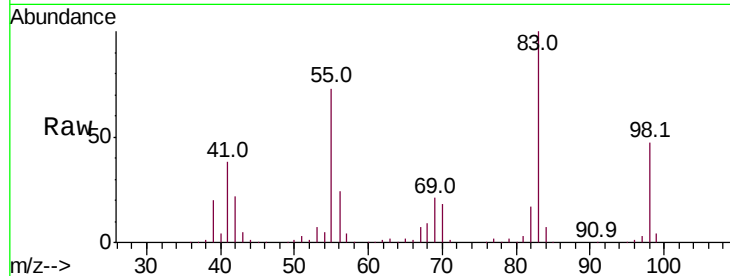
#39
Methvlcvclohexane
Concen: 48.531 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.9	59.3	88.9	
98	47.4	36.6	54.8	

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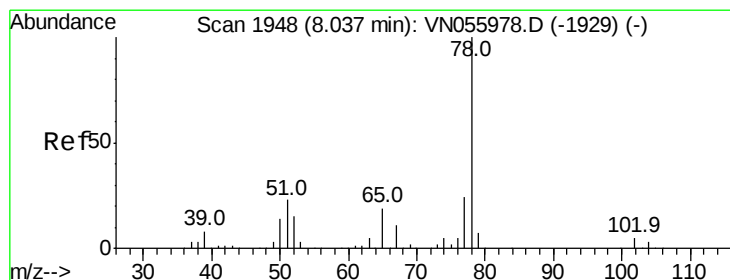
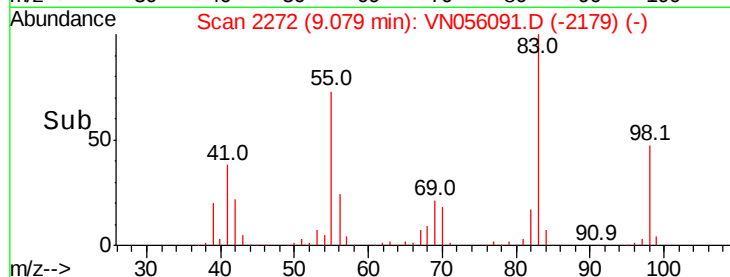
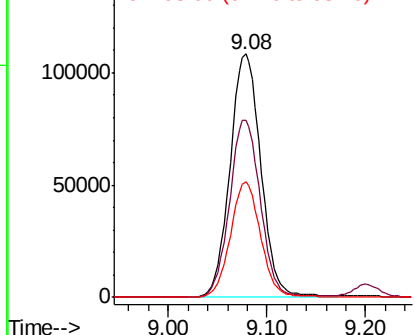


Abundance

Ion 83.00 (82.70 to 83.70): VN0

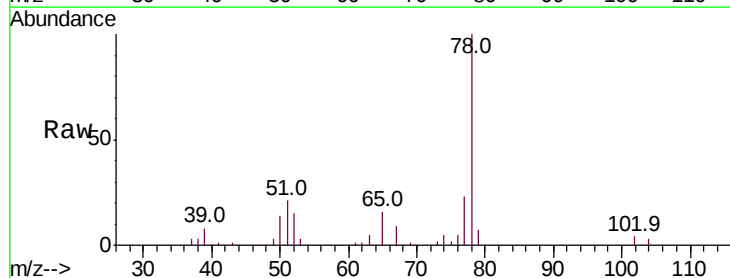
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 50.541 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

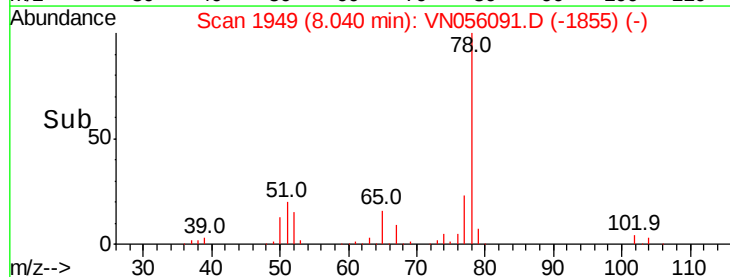
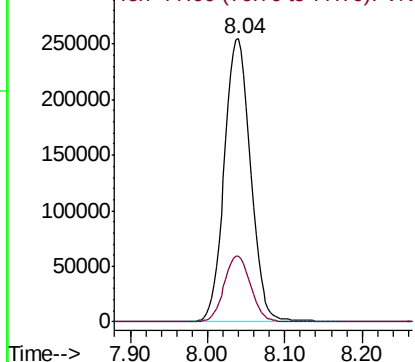
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	18.8	28.2	

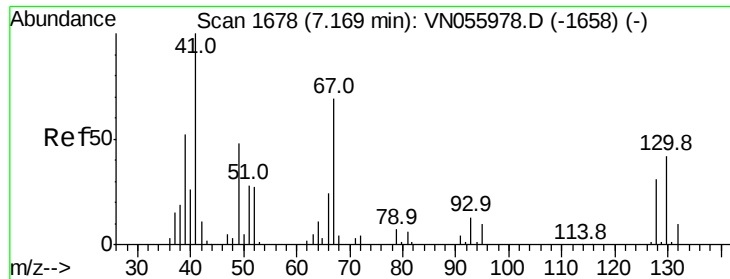


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





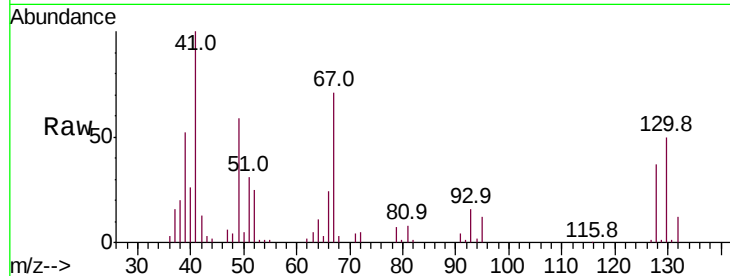
#41
Methacrylonitrile
Concen: 52.450 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.7	45.6	68.4
67	95.2	67.7	101.5
52	35.9	26.6	40.0

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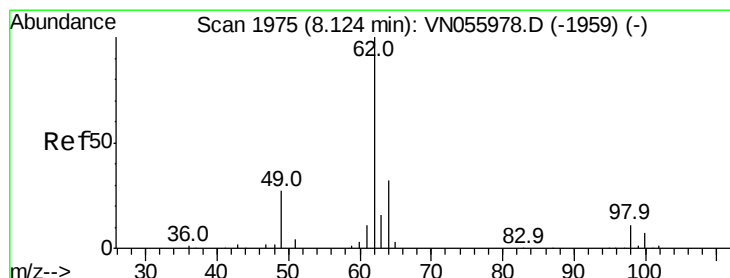
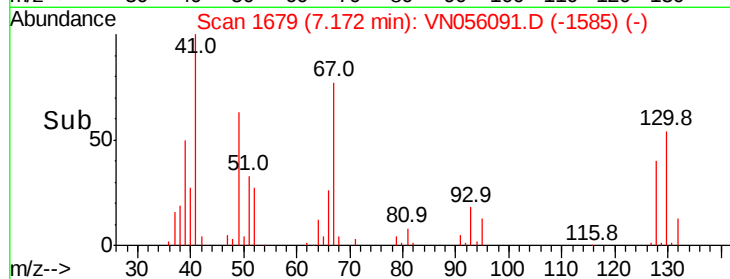
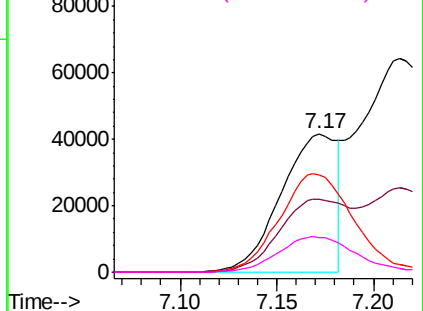
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

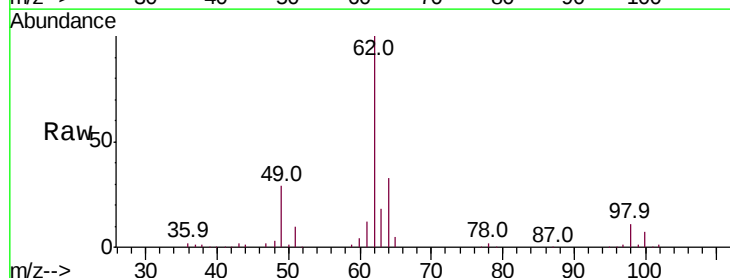
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 49.033 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

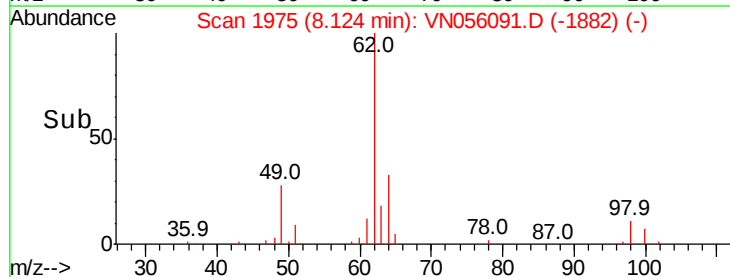
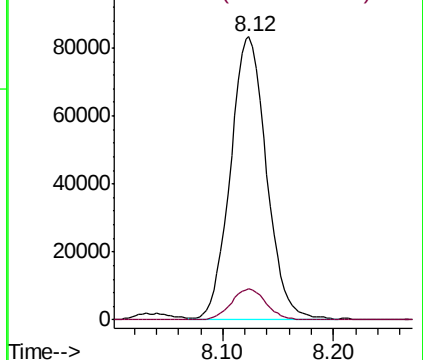
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.2

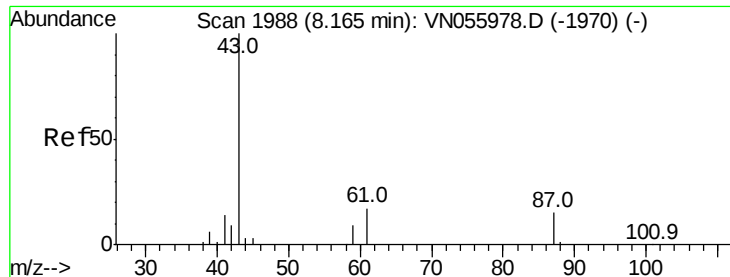


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 52.134 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

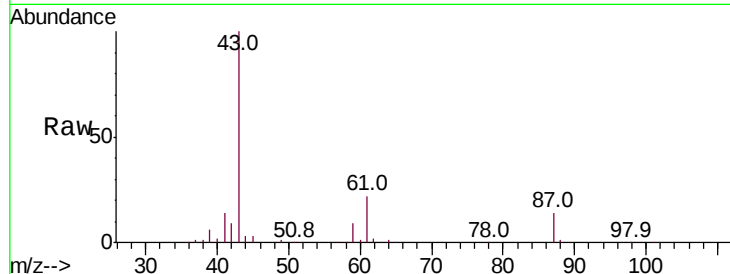
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	294532
Ion Ratio	Lower	Upper	
43	100		
61	22.1	22.2	33.4#
87	14.7	11.4	17.2

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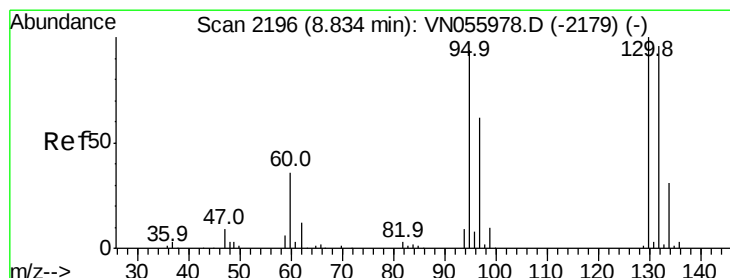
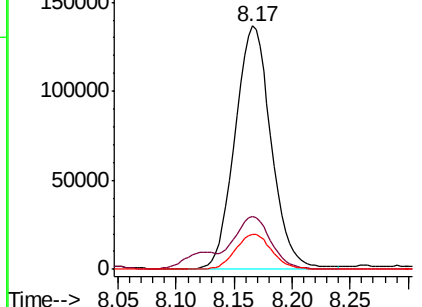
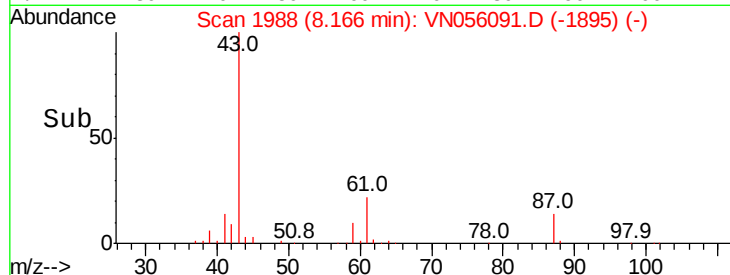


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 48.947 ug/l

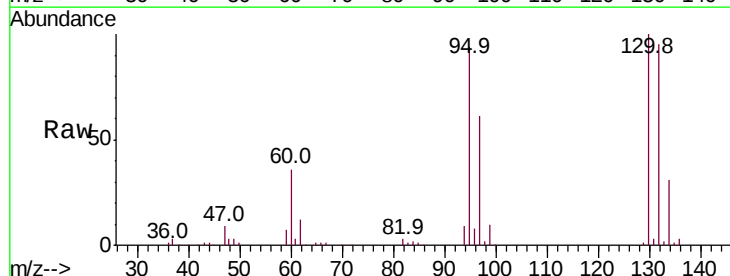
RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

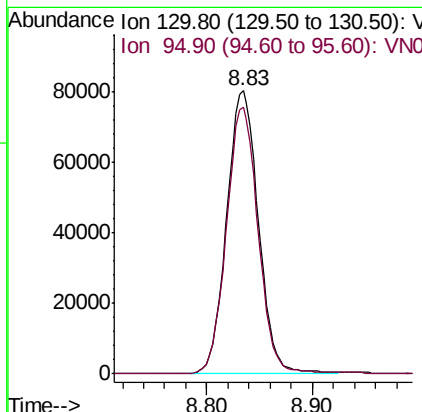
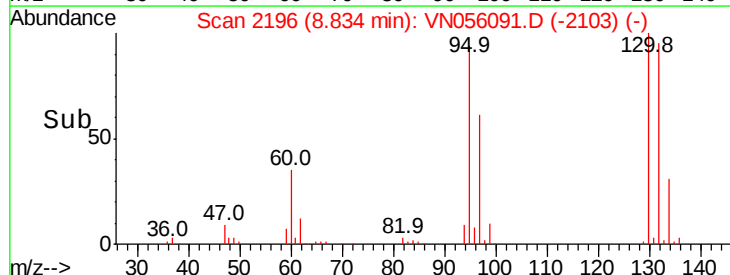
Tgt Ion:	130	Resp:	167384
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	188.0

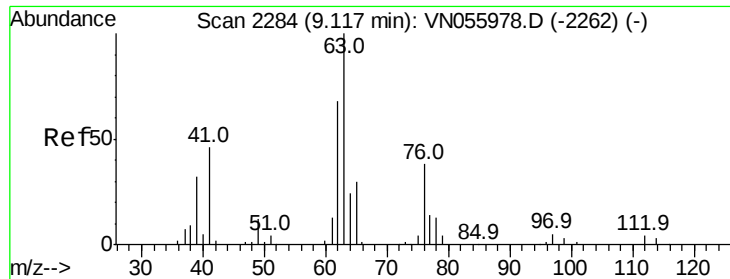


Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

Time-->





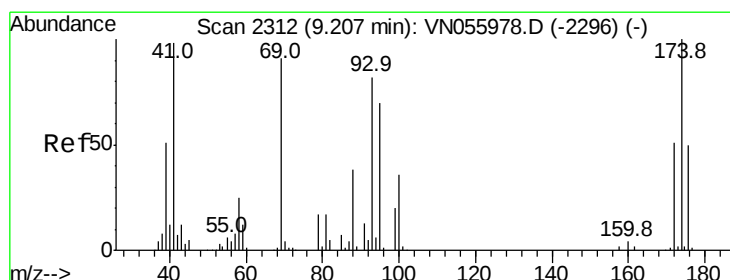
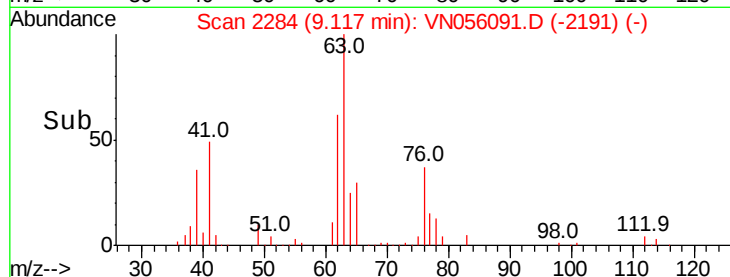
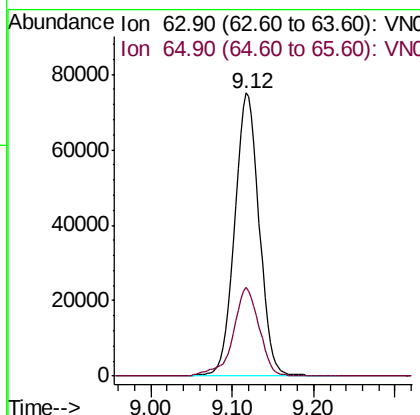
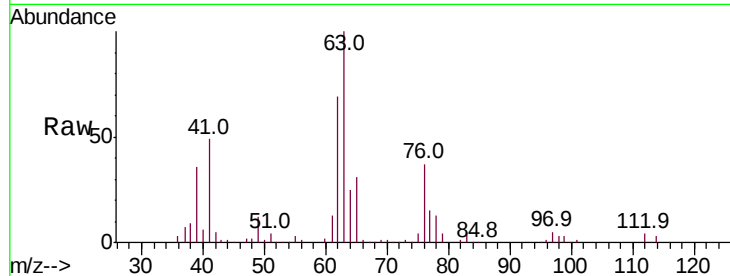
#45
 1,2-Dichloropropane
 Concen: 51.638 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 157407
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8

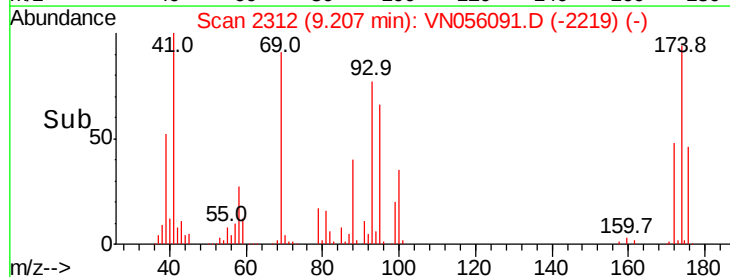
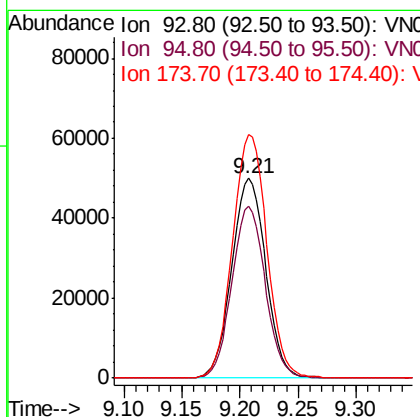
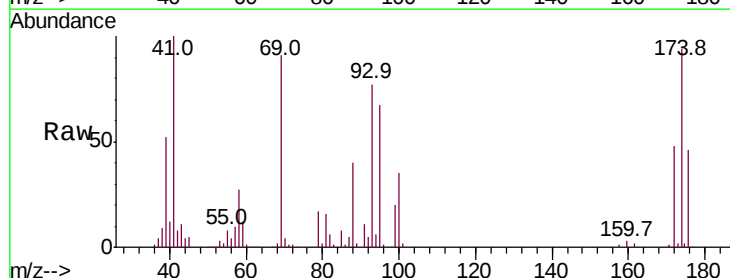
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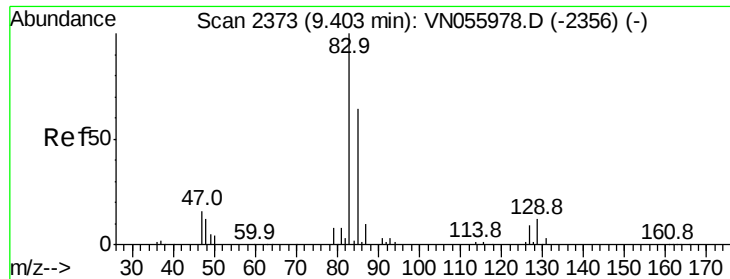
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#46
 Dibromomethane
 Concen: 51.174 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 93 Resp: 102008
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 122.9 96.4 144.6





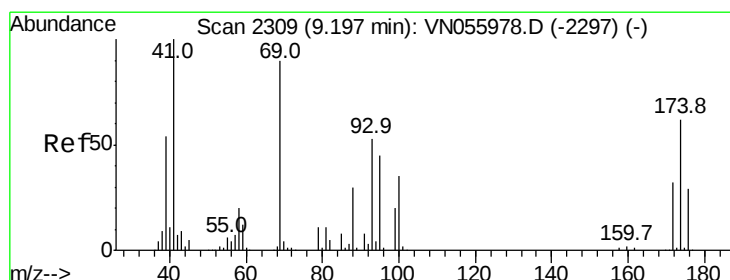
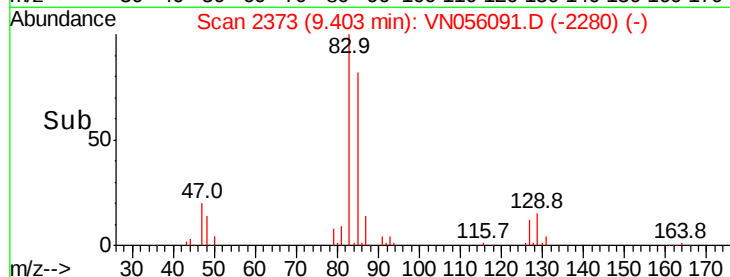
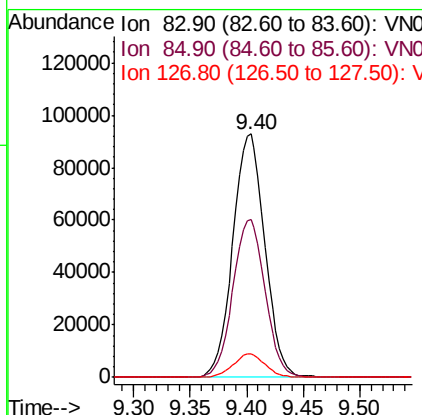
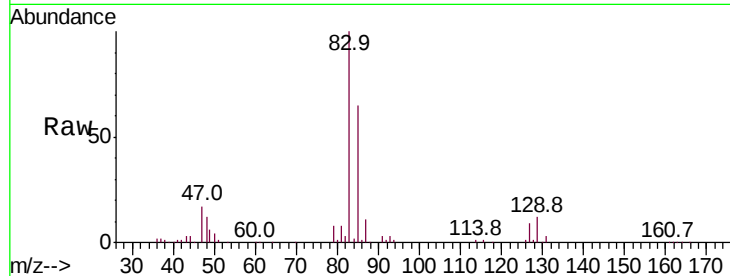
#47
Bromodichloromethane
Concen: 50.711 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.2	78.2
127	9.5	7.4	11.0

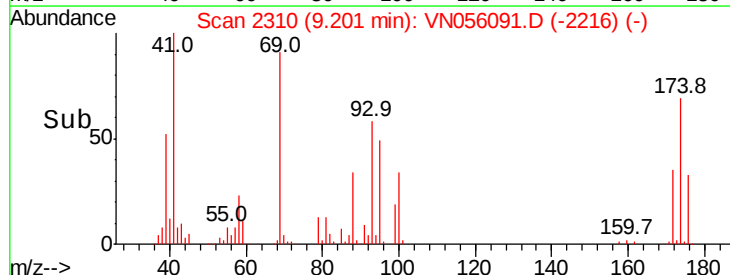
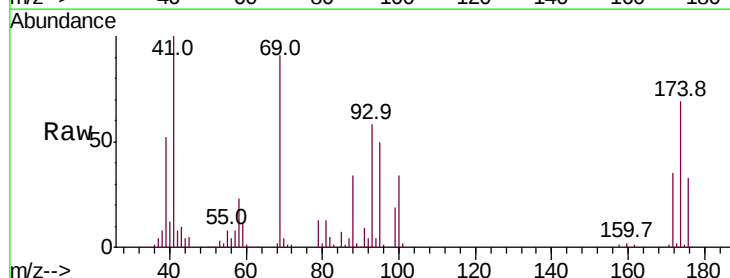
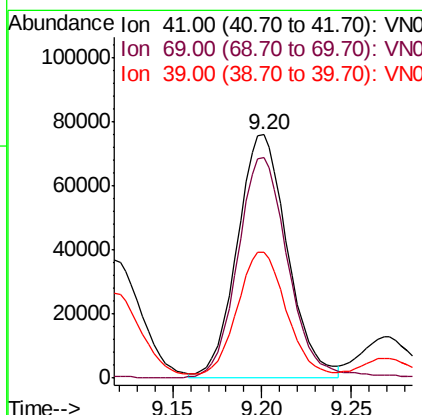
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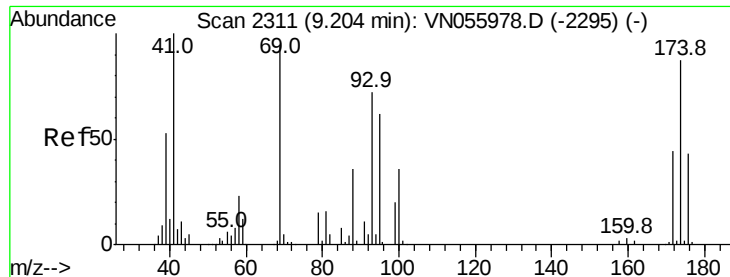
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#48
Methyl methacrylate
Concen: 53.876 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.6	71.0	106.6
39	51.7	44.2	66.2





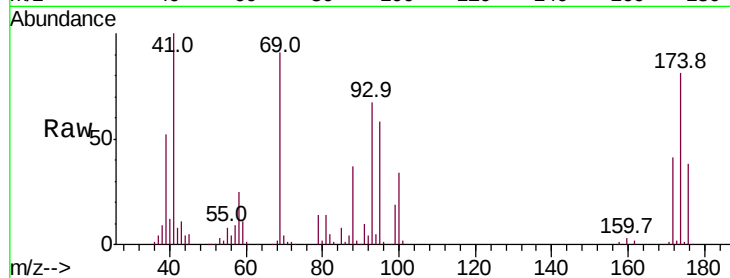
#49
 1,4-Dioxane
 Concen: 1073.550 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

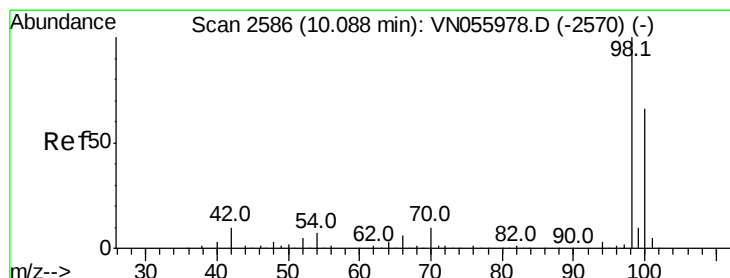
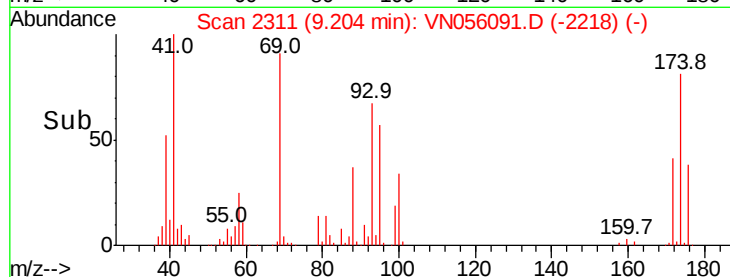
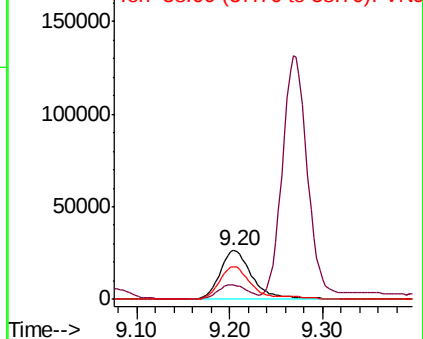
Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.5	30.7
58	68.7	55.8	83.6

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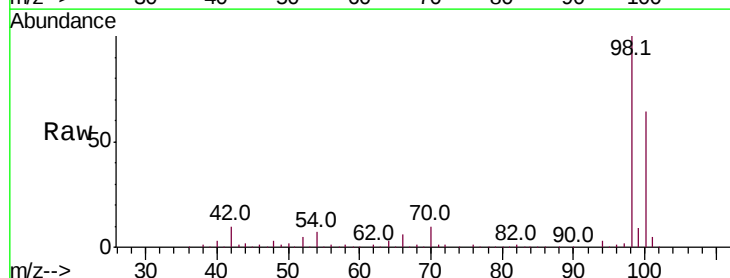


Abundance Ion 88.00 (87.70 to 88.70): VN055978.D (-2295) (-)
 Ion 43.00 (42.70 to 43.70): VN055978.D (-2295) (-)
 Ion 58.00 (57.70 to 58.70): VN055978.D (-2295) (-)

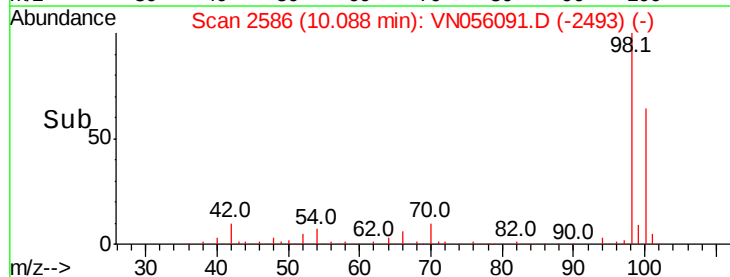
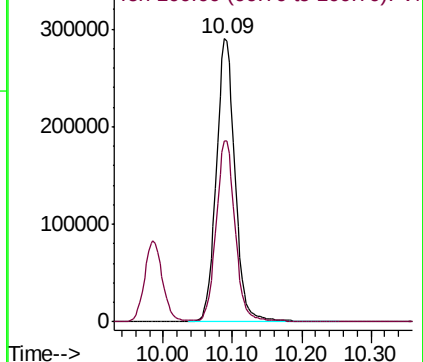


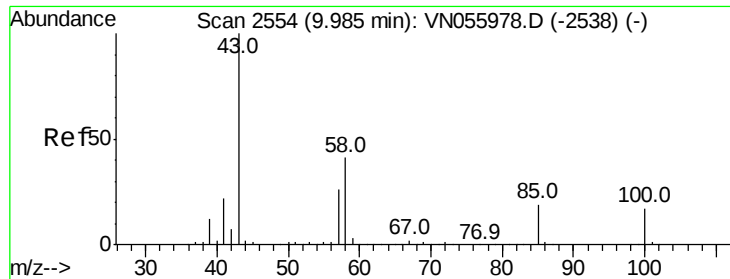
#50
 Toluene-d8
 Concen: 50.486 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)
 Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 270.326 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 955041

Ion Ratio Lower Upper

43 100

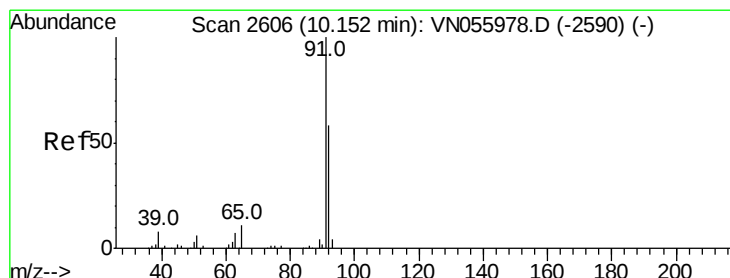
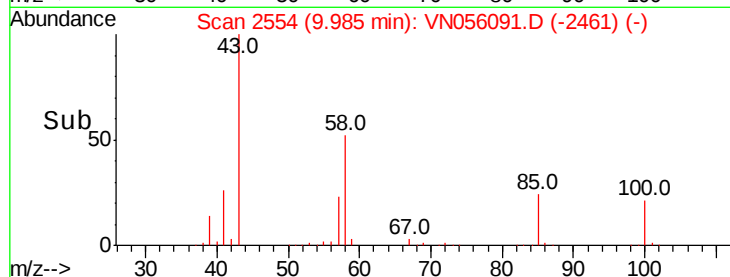
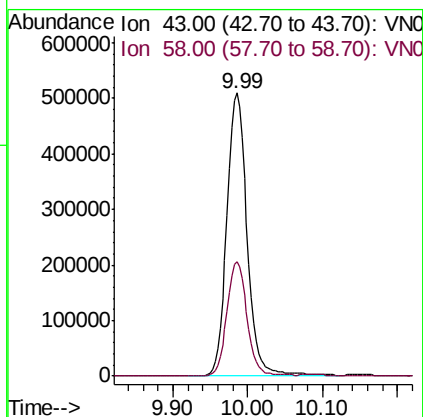
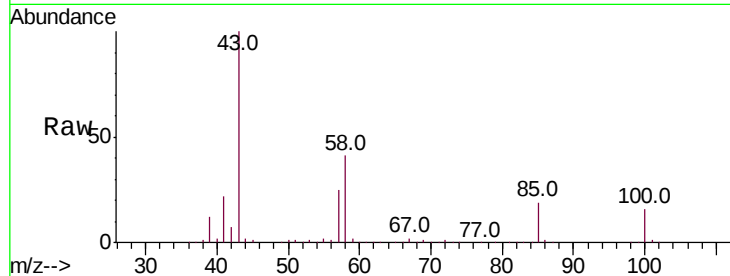
58 40.3 32.1 48.1

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#52

Toluene

Concen: 51.123 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056091.D

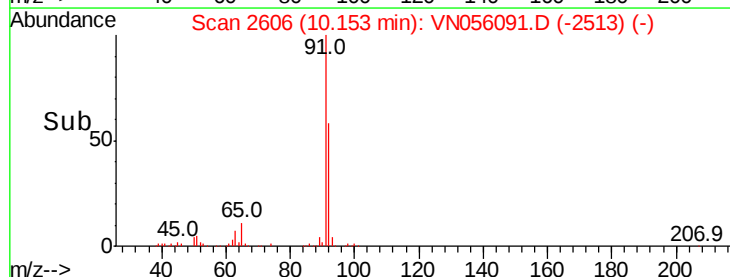
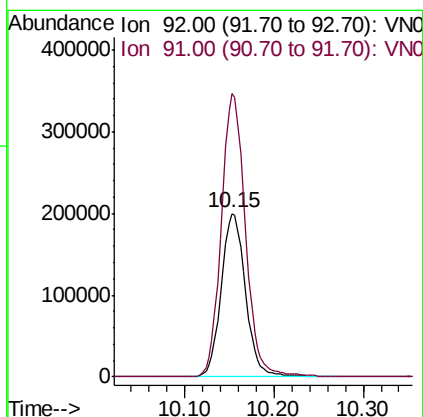
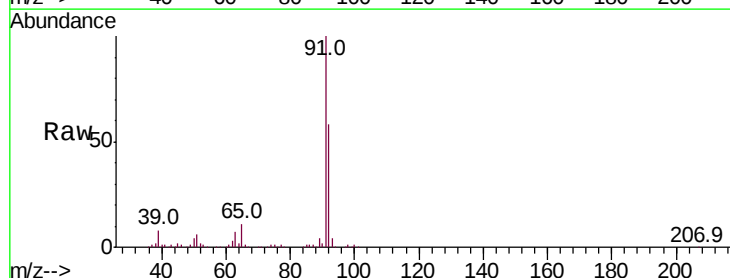
Acq: 7 Jun 2019 11:25

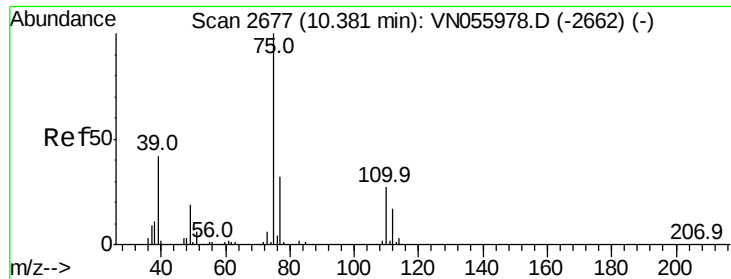
Tgt Ion: 92 Resp: 378584

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 46.449 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 195988

Ion Ratio Lower Upper

75 100

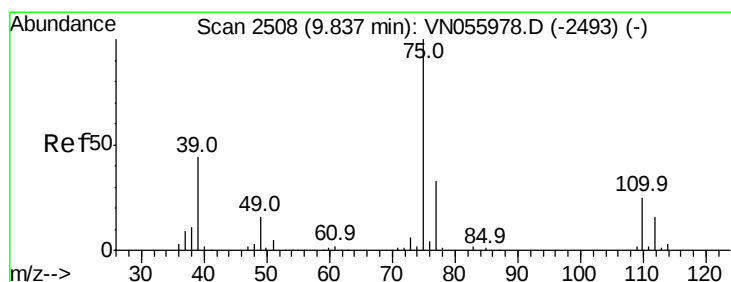
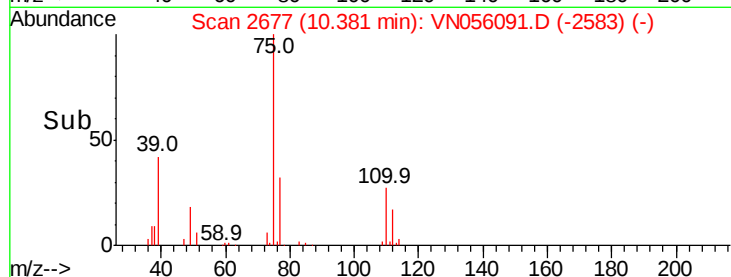
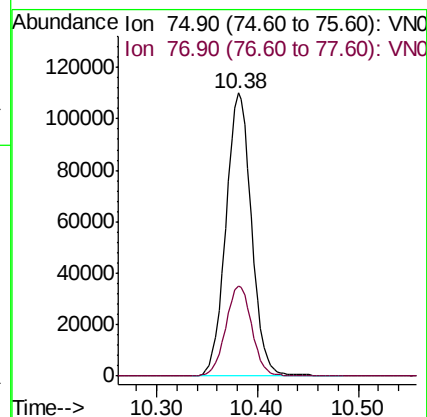
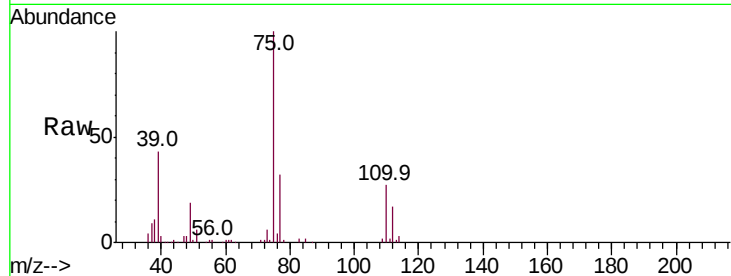
77 31.6 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 53.127 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

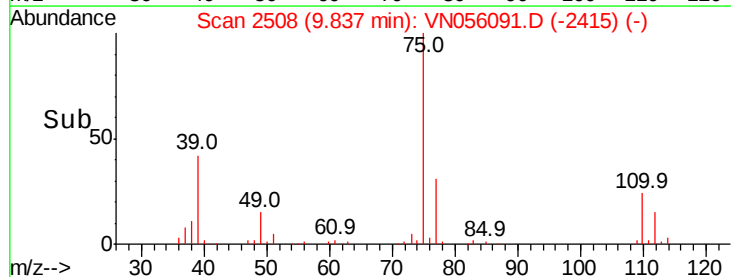
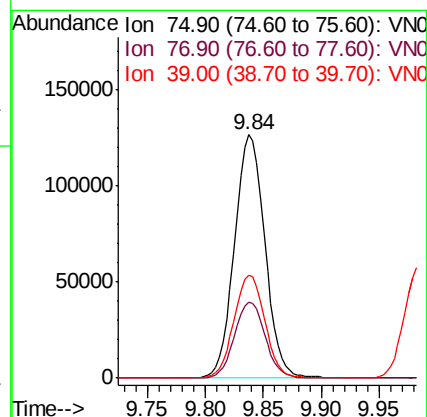
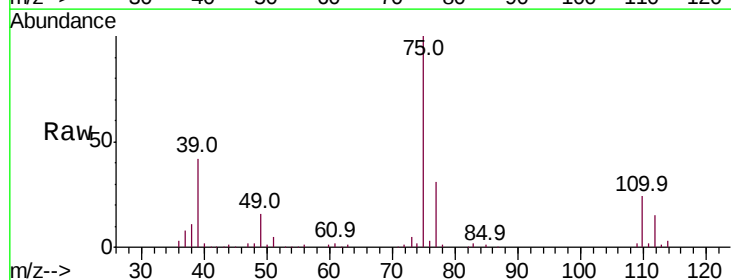
Tgt Ion: 75 Resp: 230709

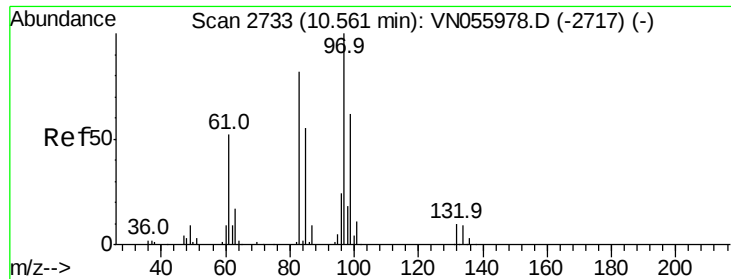
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 42.4 36.3 54.5





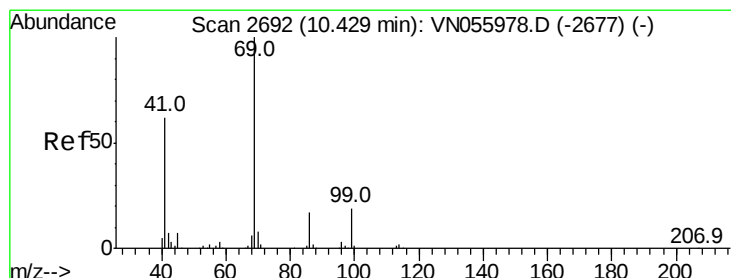
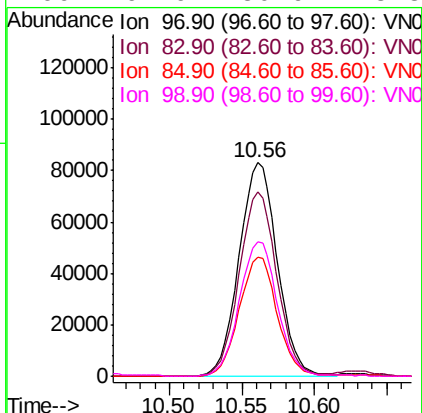
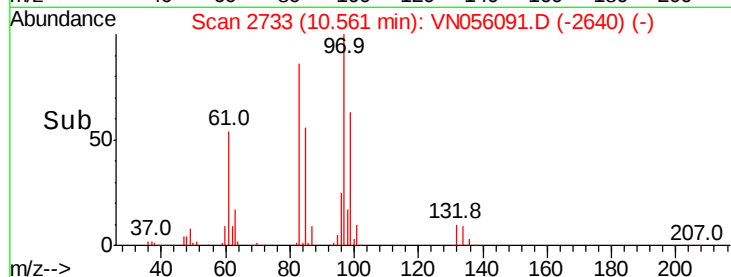
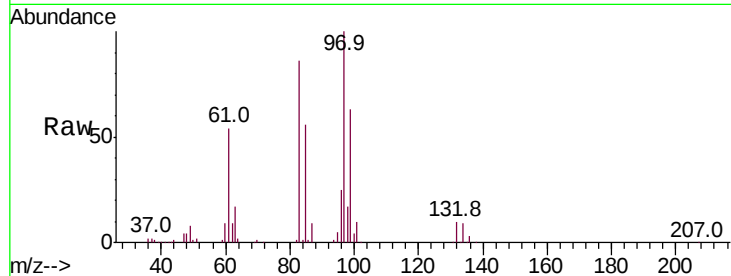
#55
 1,1,2-Trichloroethane
 Concen: 52.039 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	152650
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	56.0	44.0	66.0
99	62.9	50.6	75.8

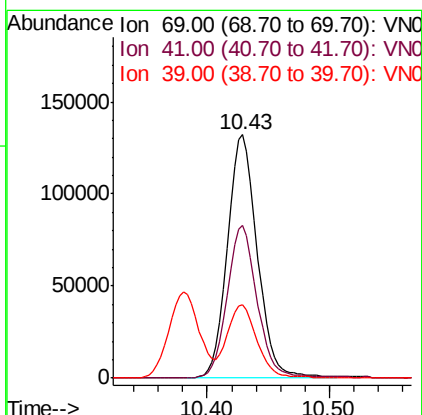
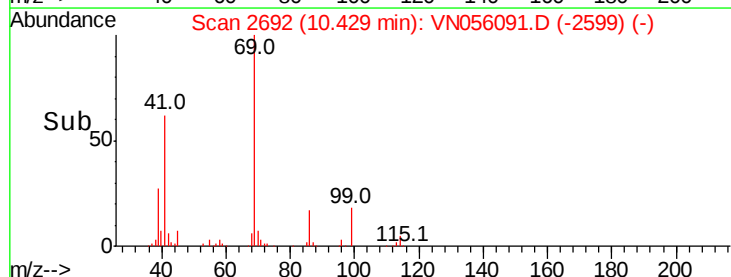
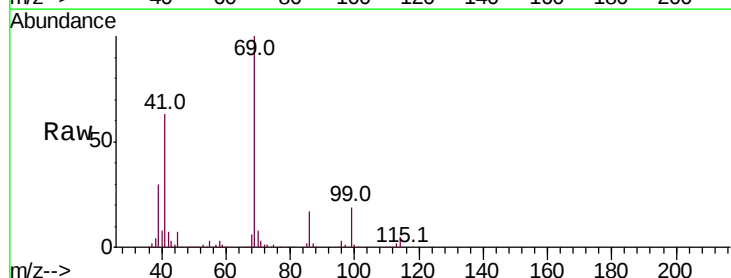
Manual Integrations
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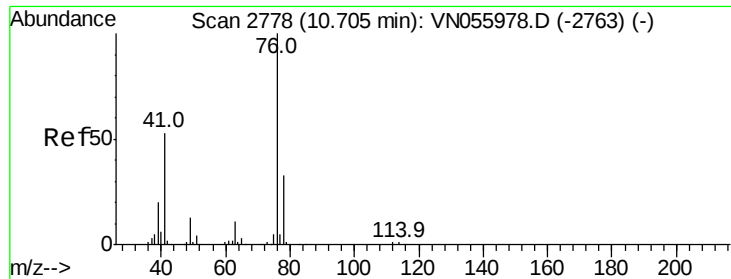
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#56
 Ethyl methacrylate
 Concen: 52.919 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion:	69	Resp:	226466
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	29.6	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.462 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 250174

Ion Ratio Lower Upper

76 100

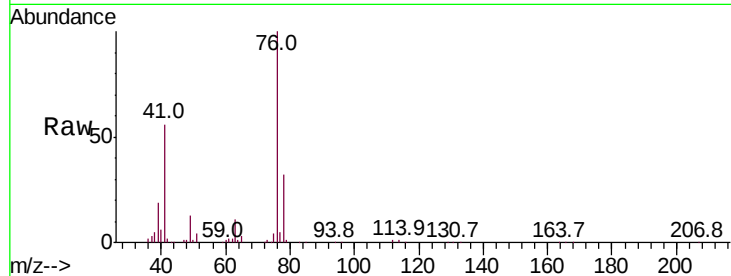
78 31.8 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

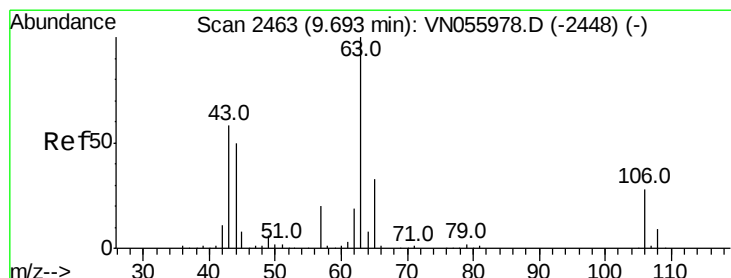
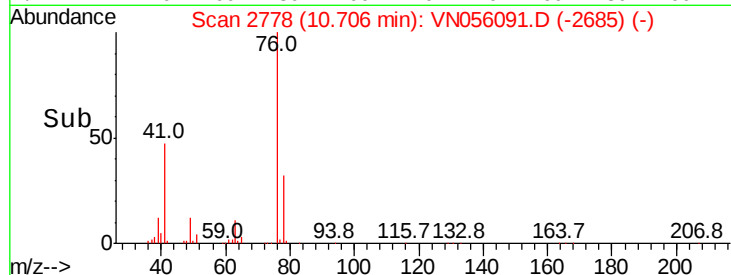
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.005 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056091.D

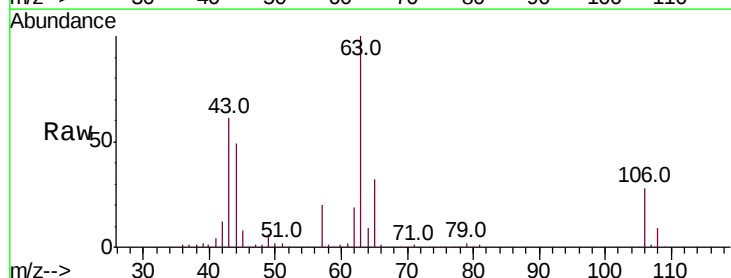
Acq: 7 Jun 2019 11:25

Tgt Ion: 63 Resp: 406157

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

250000

200000

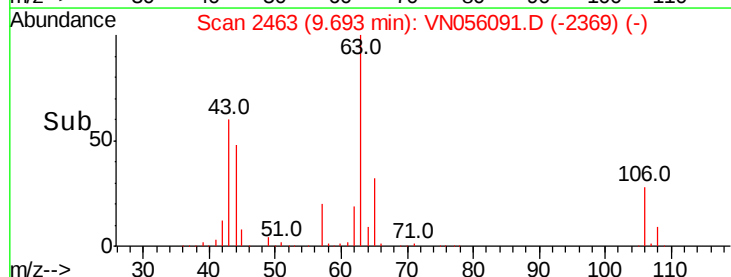
150000

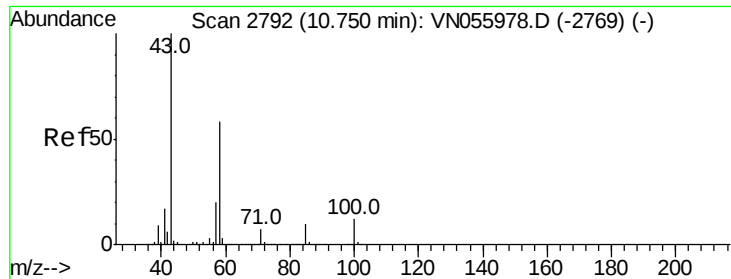
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 266.221 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 681680

Ion Ratio Lower Upper

43 100

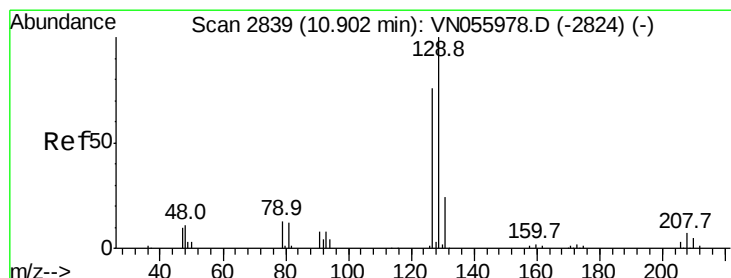
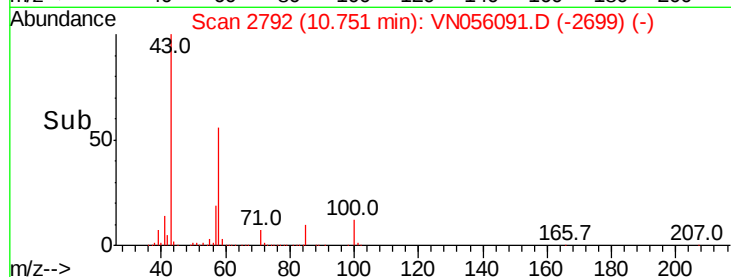
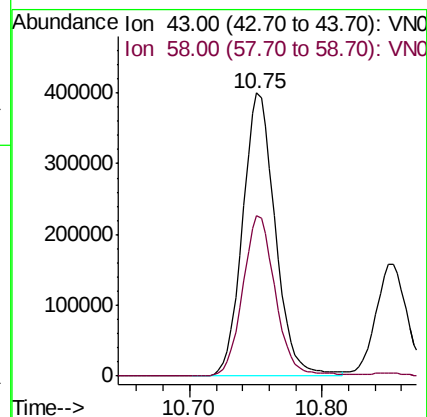
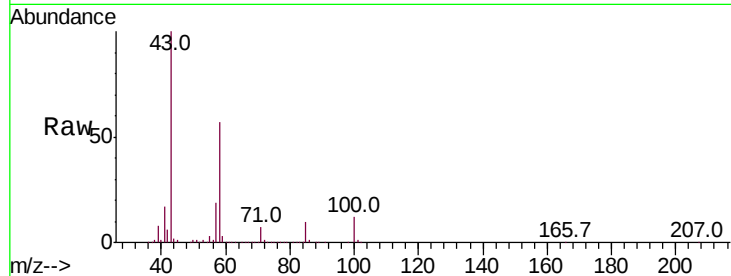
58 56.9 28.2 84.7

Manual Integrations

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#60

Dibromochloromethane

Concen: 46.896 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056091.D

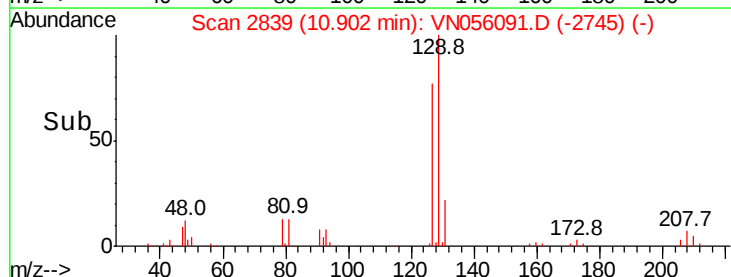
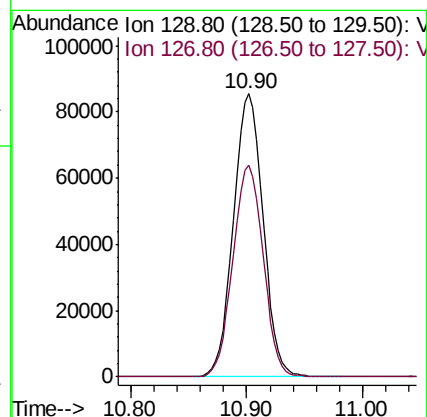
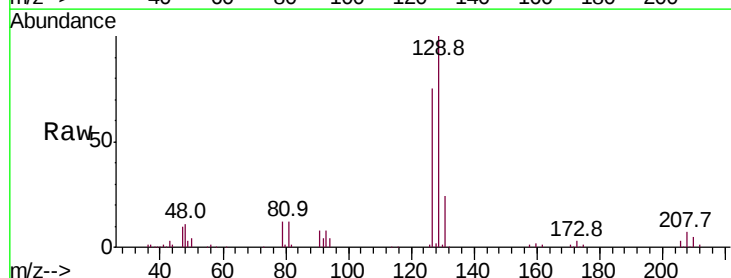
Acq: 7 Jun 2019 11:25

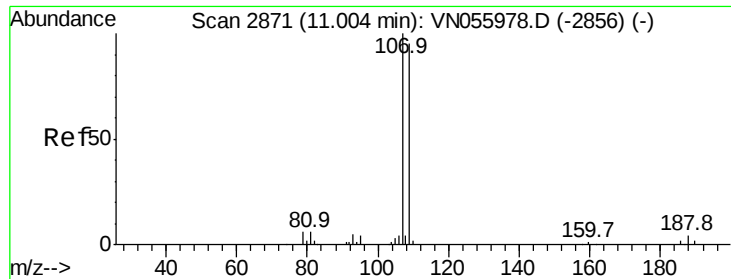
Tgt Ion: 129 Resp: 151204

Ion Ratio Lower Upper

129 100

127 76.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 52.737 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 158148

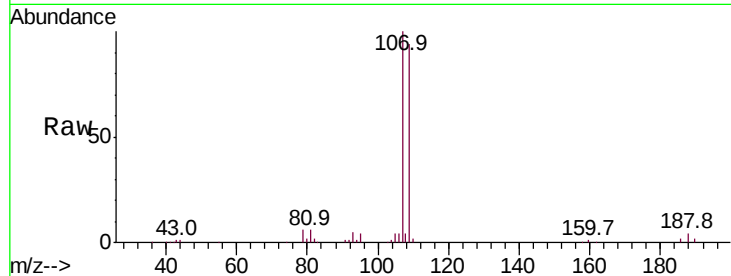
Ion Ratio Lower Upper

107 100

109 93.9 74.8 112.2

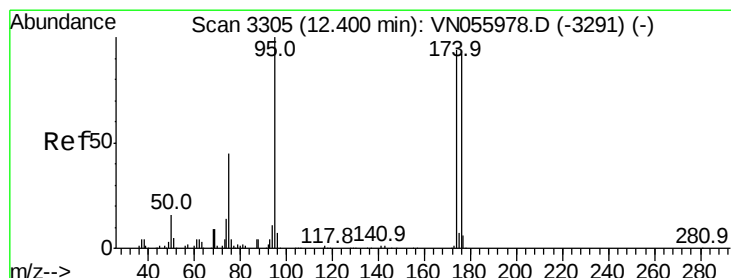
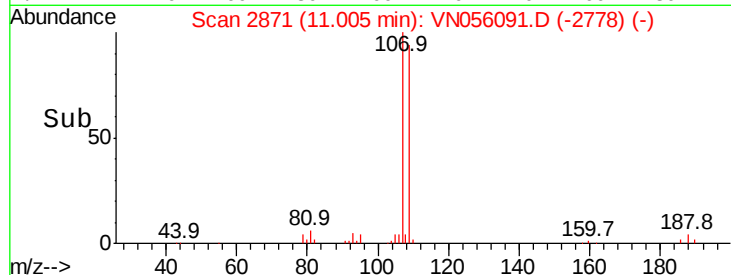
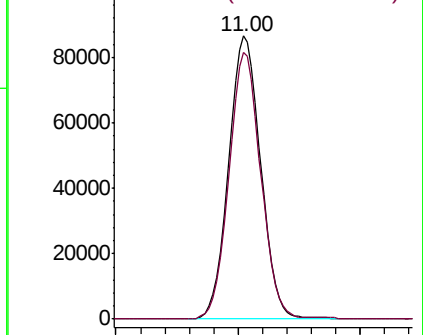
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.717 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

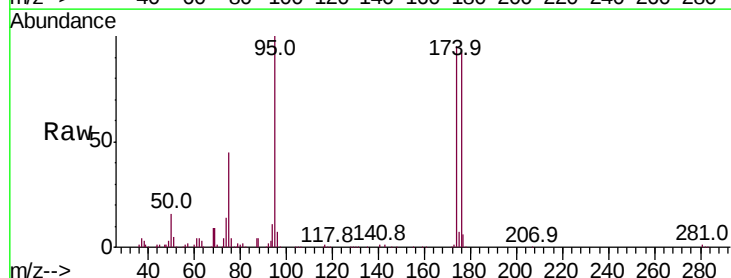
Tgt Ion: 95 Resp: 185556

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

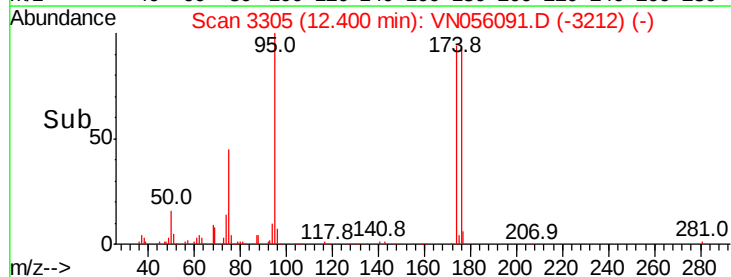
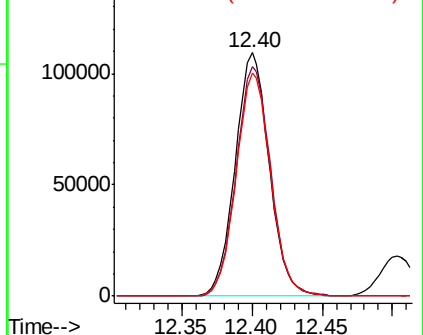
176 92.6 0.0 185.2

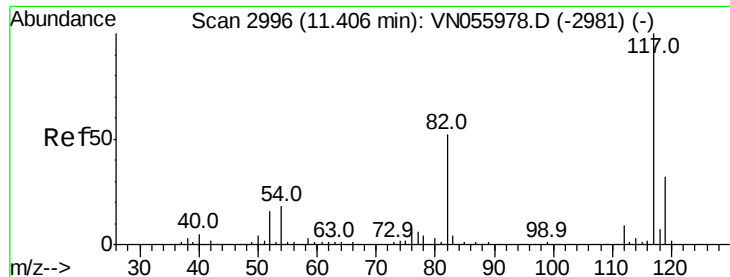


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





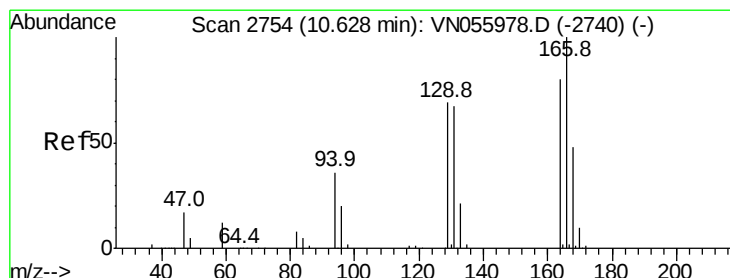
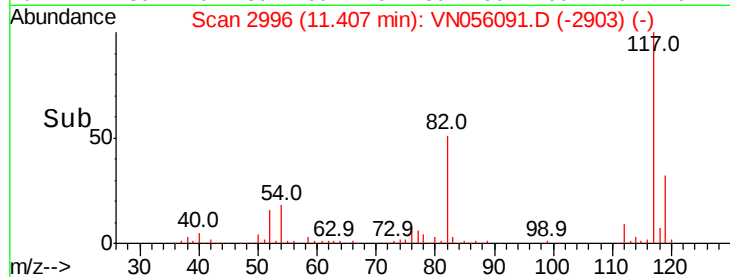
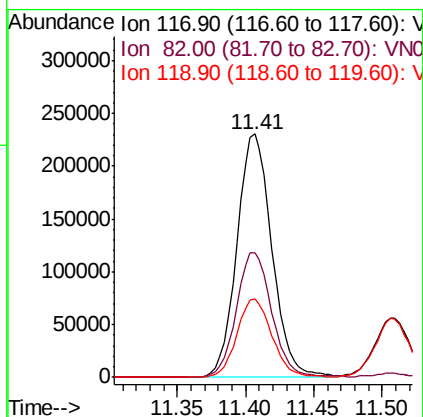
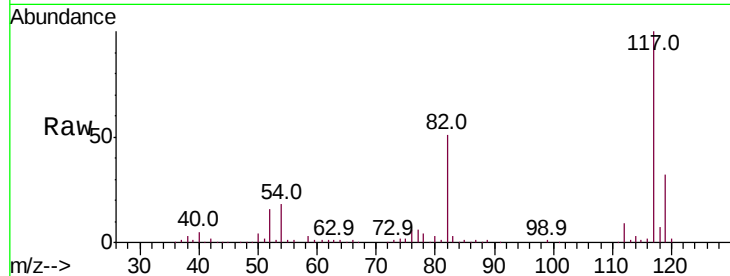
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.8	62.8
119	32.4	25.4	38.0

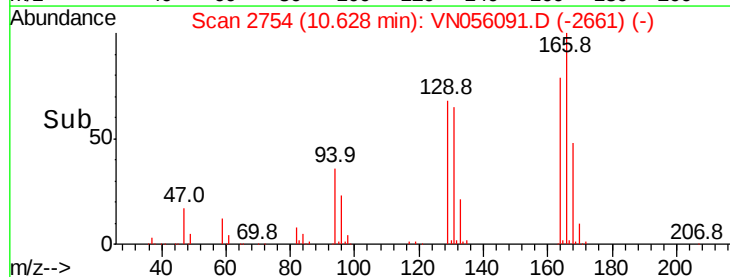
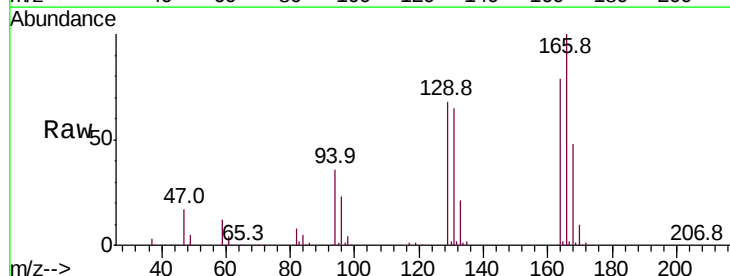
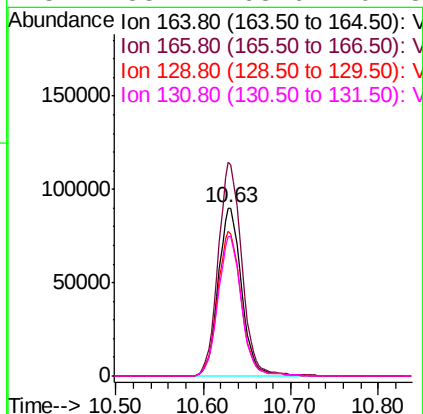
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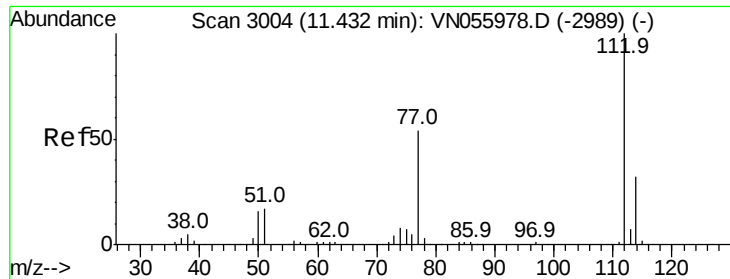
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#64
Tetrachloroethene
Concen: 47.035 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.0	154.6
129	86.1	70.6	105.8
131	83.2	68.6	102.8





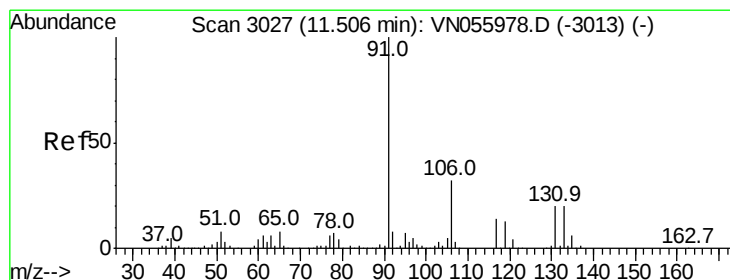
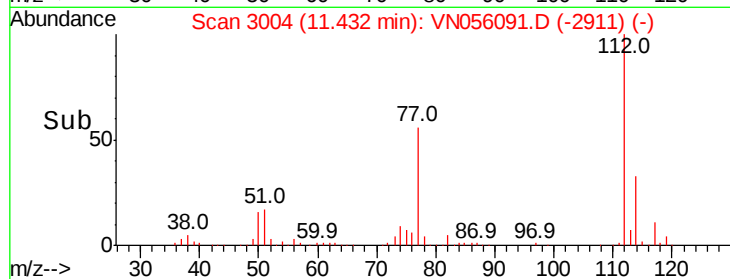
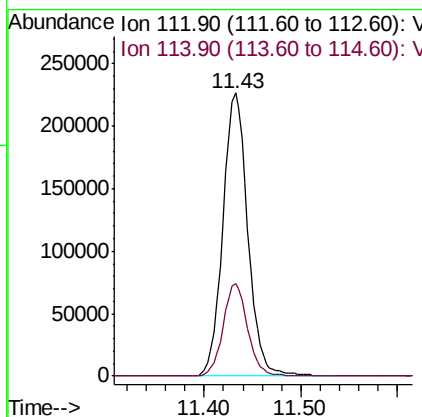
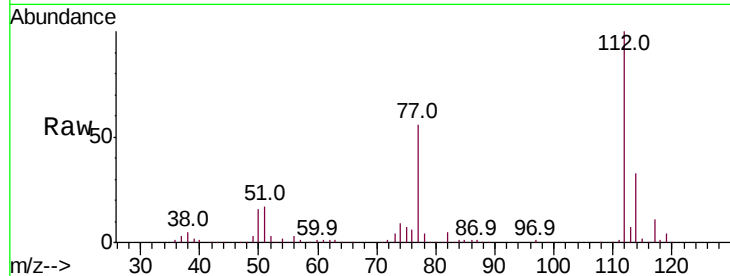
#65
Chlorobenzene
Concen: 49.425 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 405009
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4

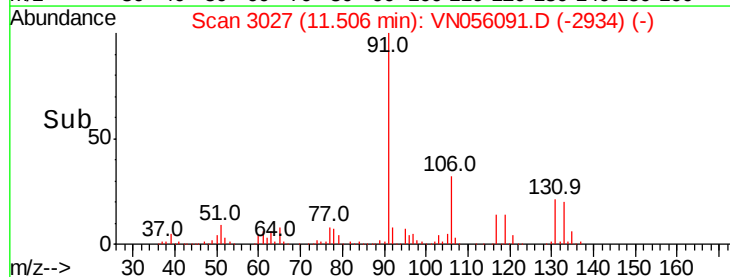
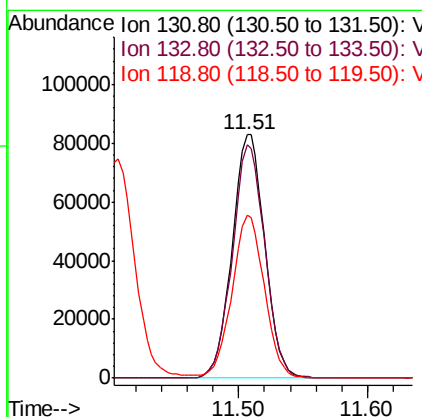
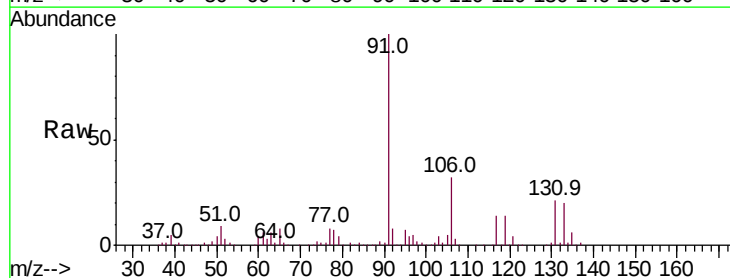
Manual Integrations
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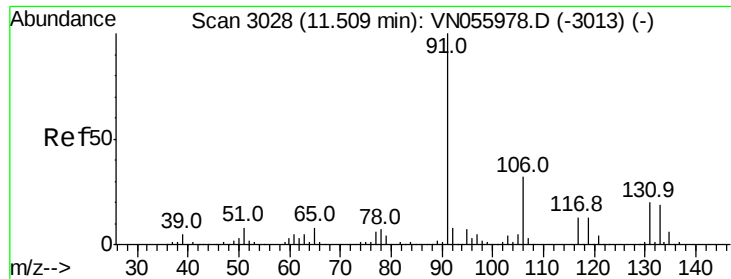
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.315 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:131 Resp: 145191
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 66.9 33.1 99.5





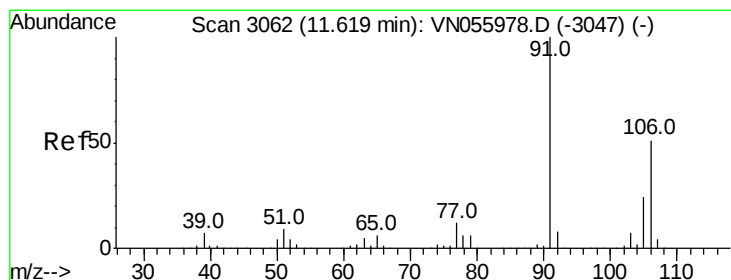
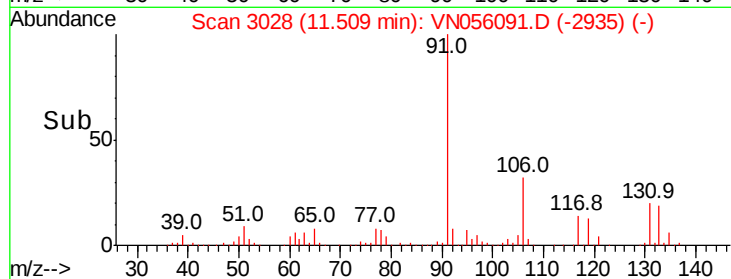
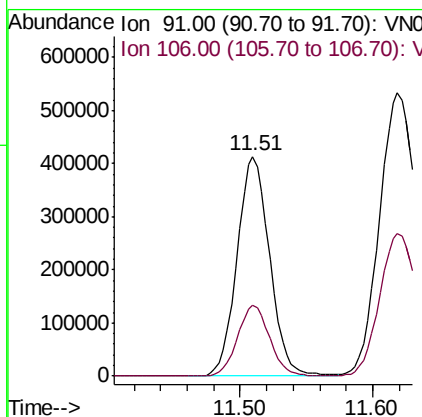
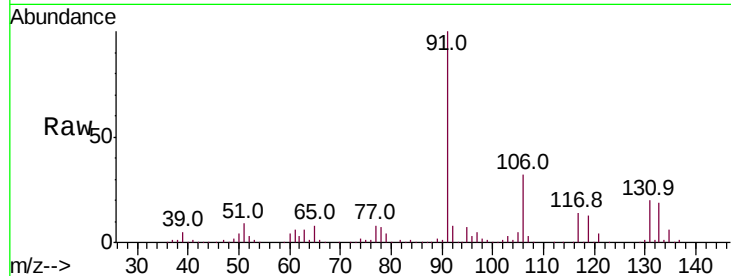
#67
Ethyl Benzene
Concen: 49.523 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 705631
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7

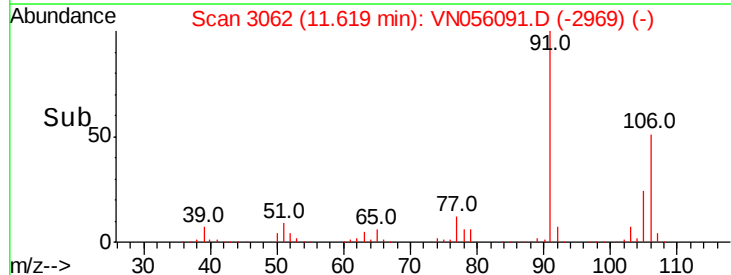
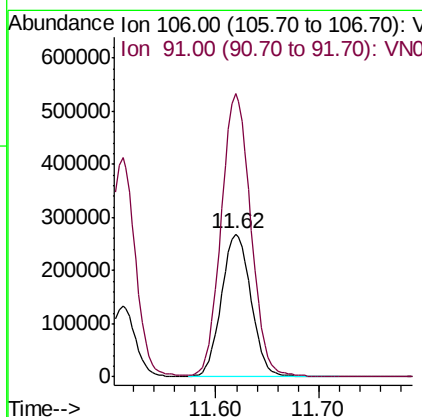
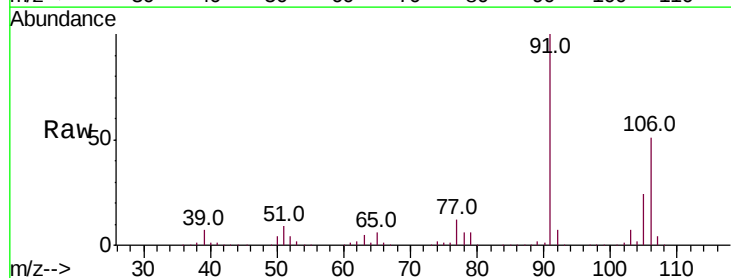
Manual Integrations
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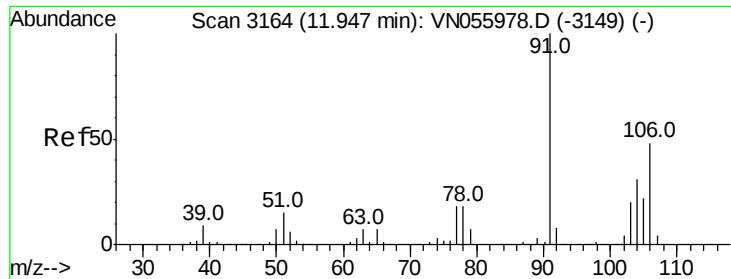
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#68
m/p-Xylenes
Concen: 99.173 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 106 Resp: 539812
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9





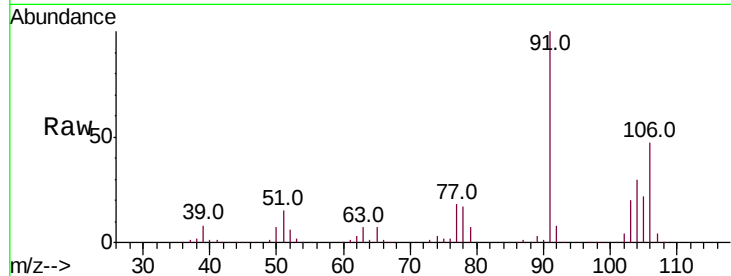
#69
o-Xylene
Concen: 49.647 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

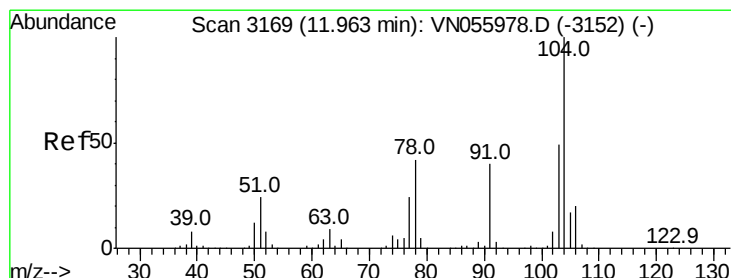
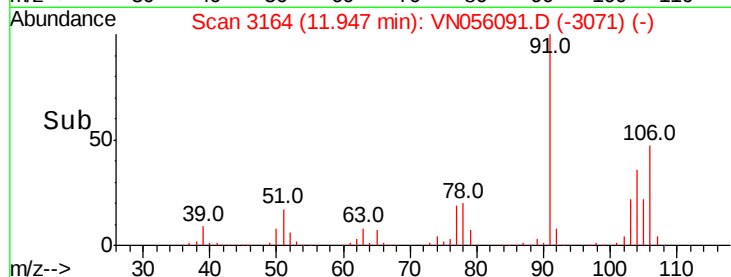
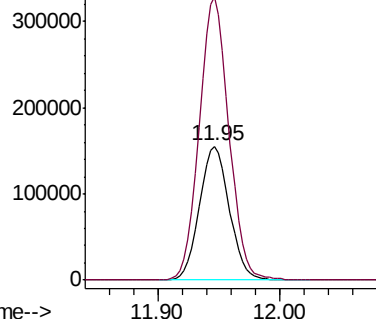
Tot Ion:106 Resp: 265821
Ion Ratio Lower Upper
106 100
91 208.9 104.7 314.1

Manual Integrations
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6/10/2019 3:31:31 PM

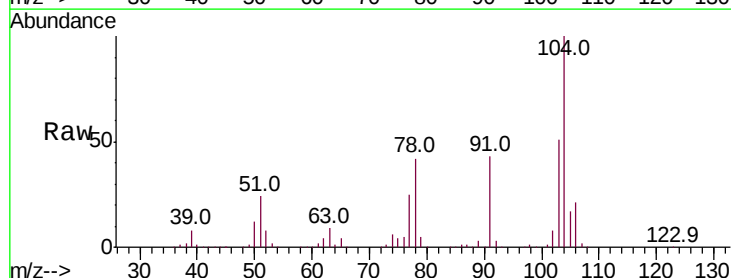


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

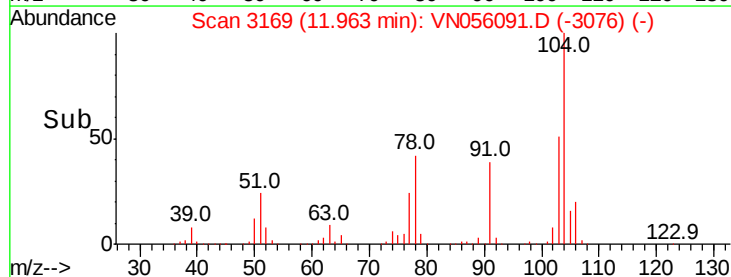
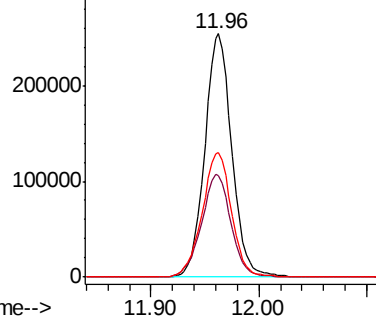


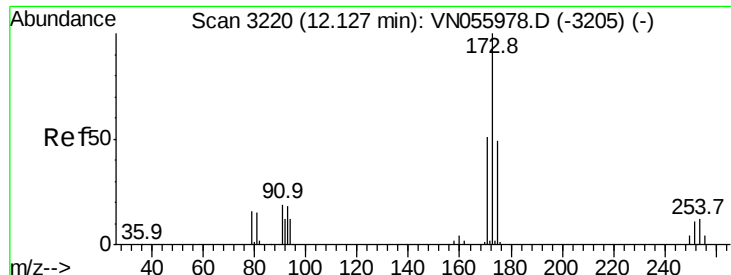
#70
Styrene
Concen: 52.034 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:104 Resp: 442654
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.5 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





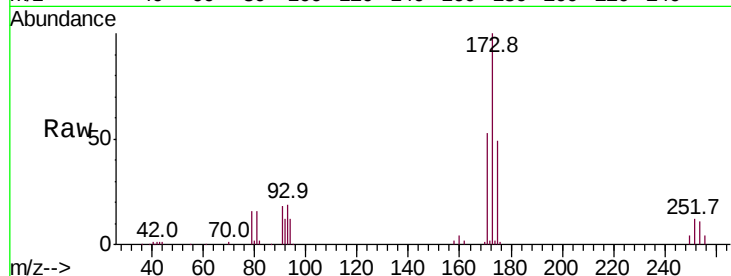
#71
Bromoform
Concen: 45.061 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations
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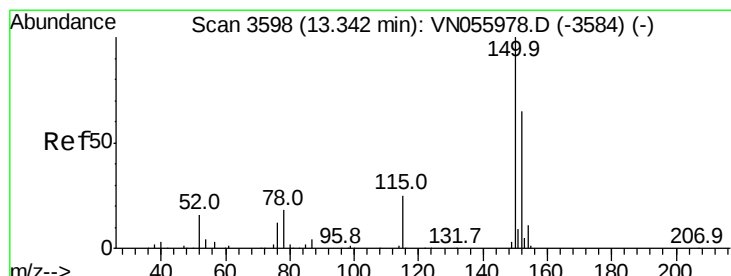
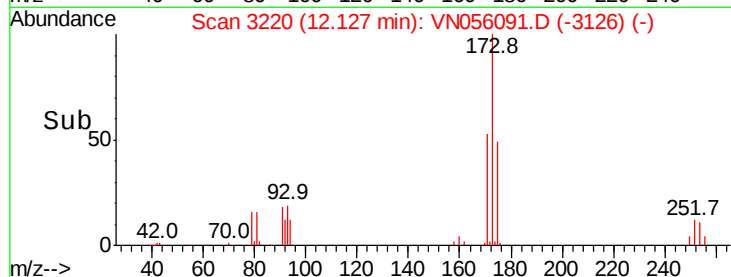
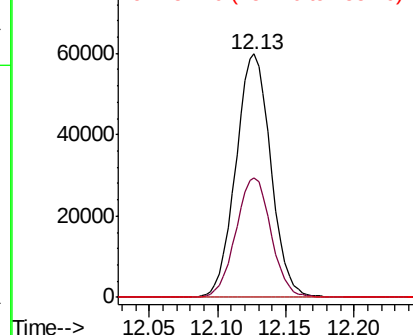


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

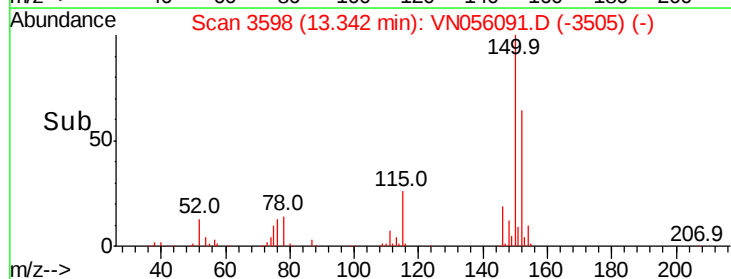
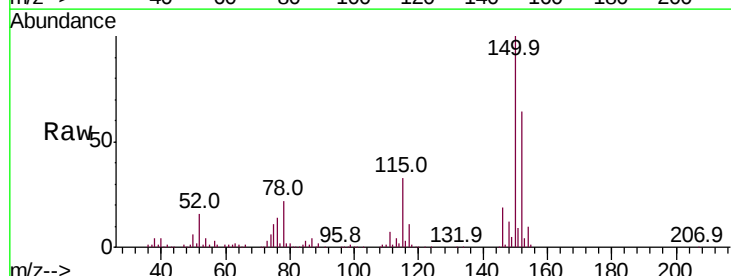
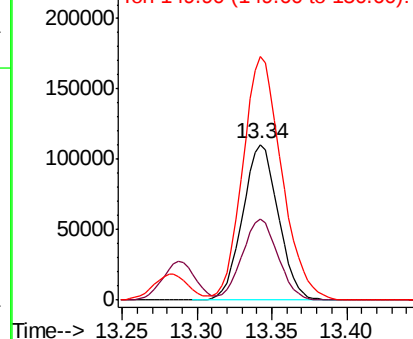
Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.0	27.0	81.0
150	171.6	0.0	343.2

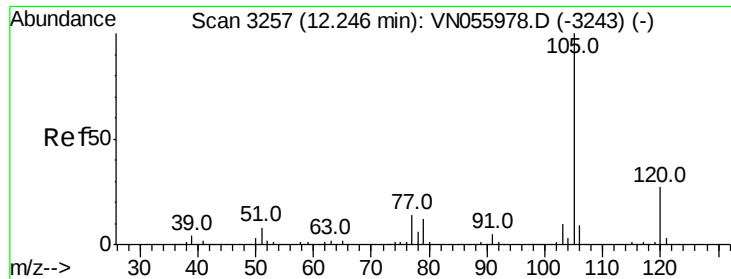
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





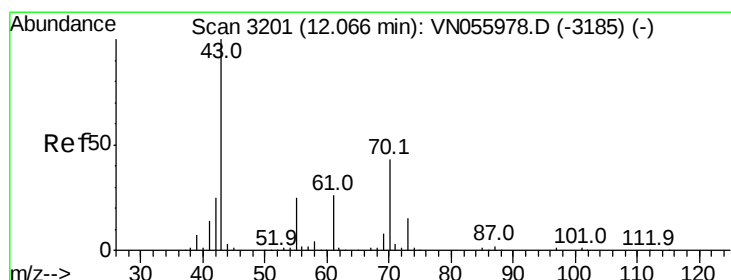
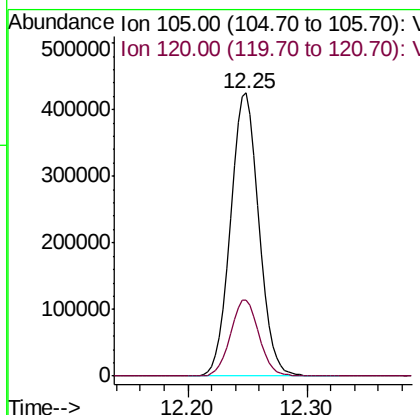
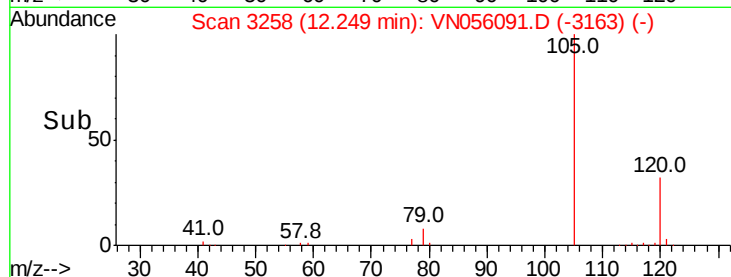
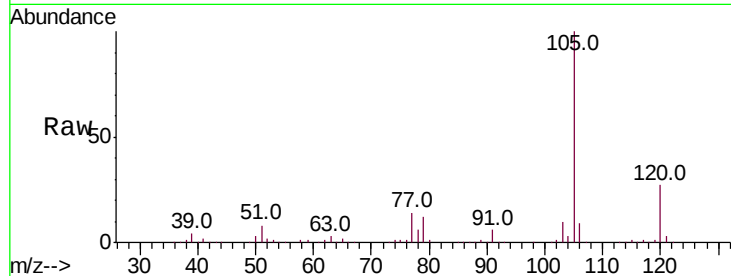
#73
Isopropylbenzene
Concen: 53.874 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 701096
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7

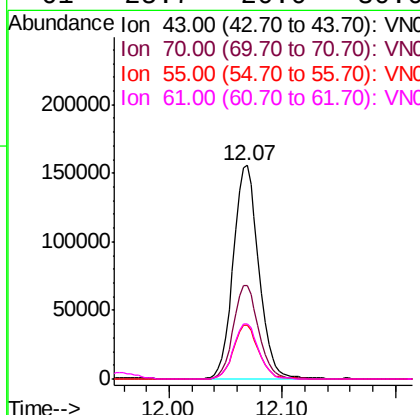
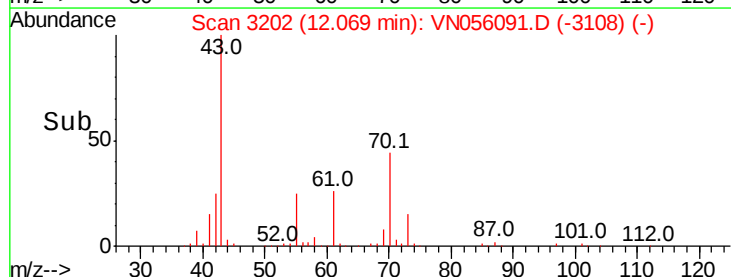
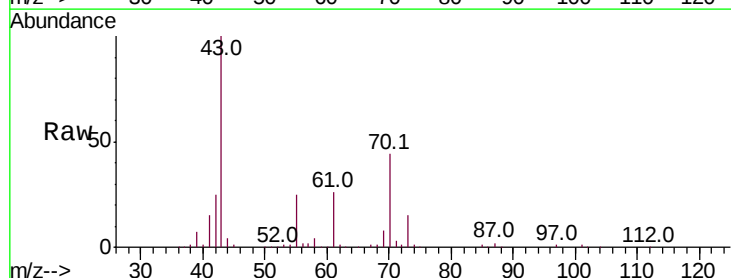
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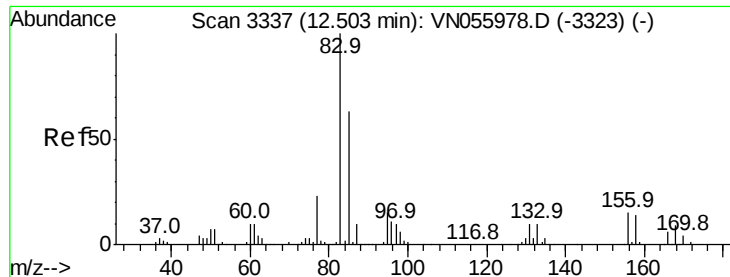
MMDadoda
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#74
N-ethyl acetate
Concen: 50.206 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 43 Resp: 245194
Ion Ratio Lower Upper
43 100
70 43.7 34.0 51.0
55 25.0 18.6 28.0
61 25.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.471 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 210402

Ion Ratio Lower Upper

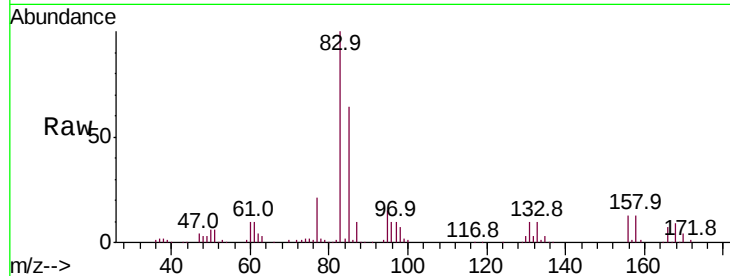
83 100

131 10.7 5.4 16.2

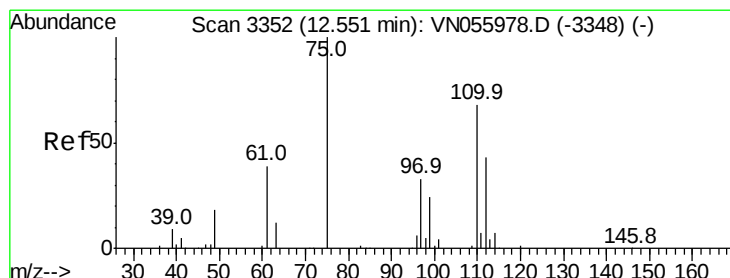
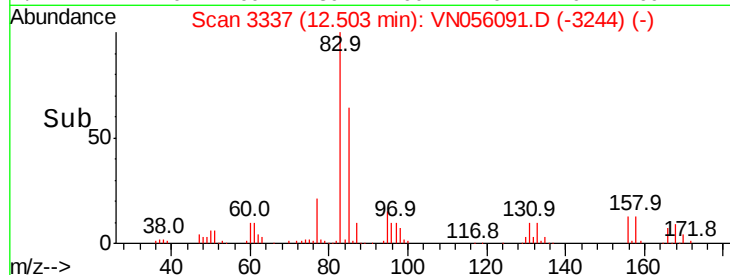
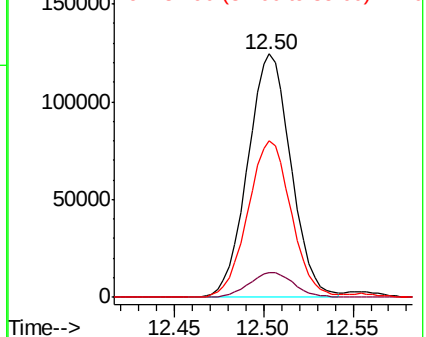
85 64.5 32.4 97.0

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 49.896 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056091.D

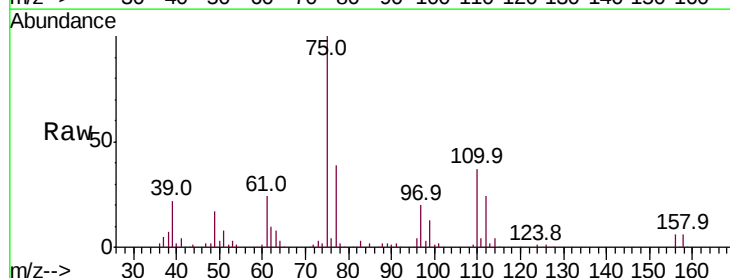
Acq: 7 Jun 2019 11:25

Tgt Ion: 75 Resp: 168206

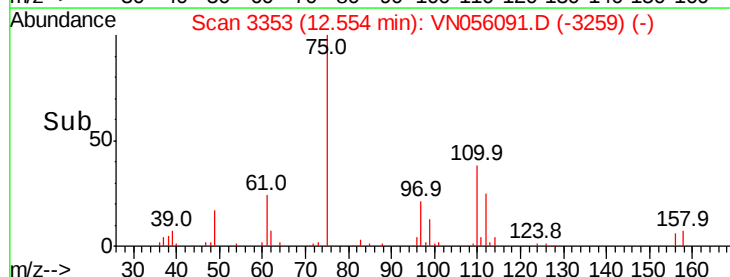
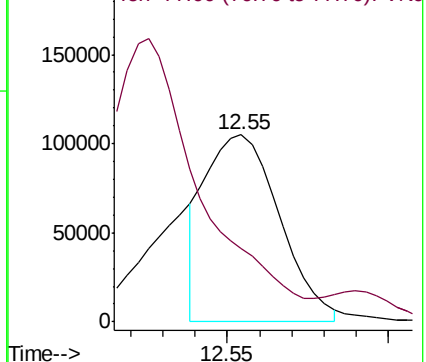
Ion Ratio Lower Upper

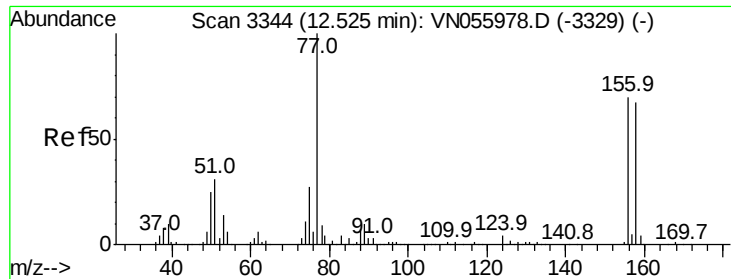
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.946 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

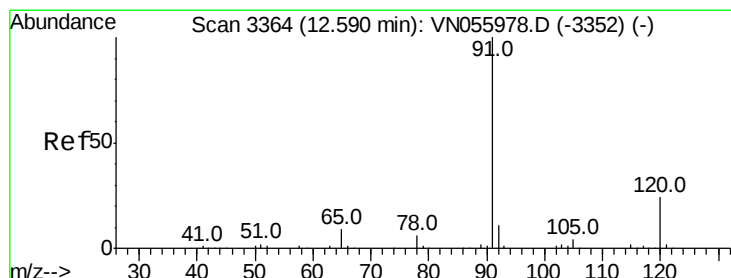
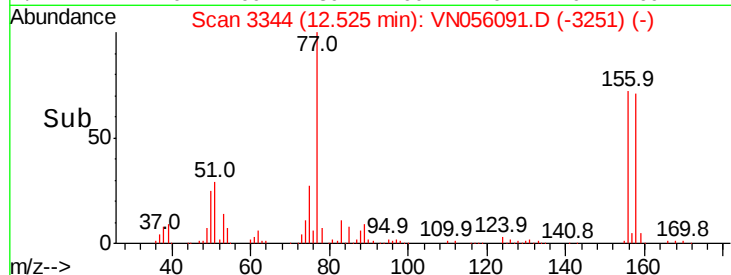
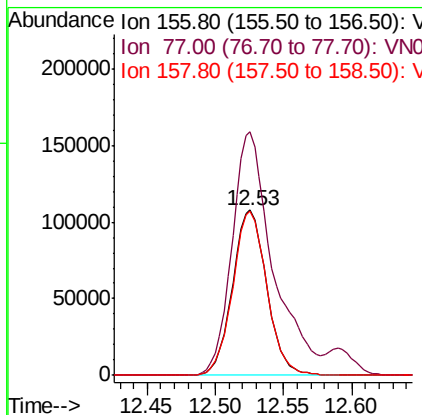
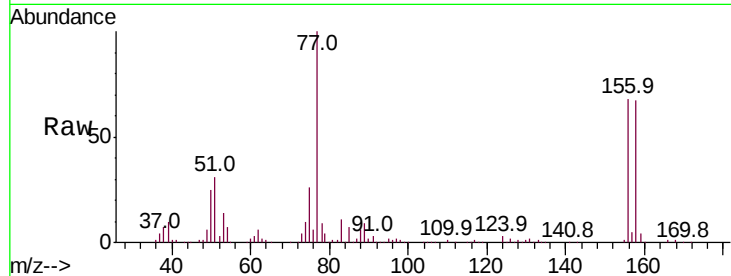
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	188067
Ion Ratio	Lower	Upper	
156	100		
77	176.5	90.8	272.5
158	98.9	49.3	147.8

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#78

n-propylbenzene

Concen: 48.531 ug/l

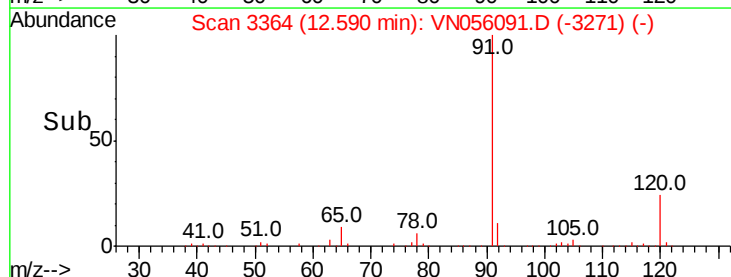
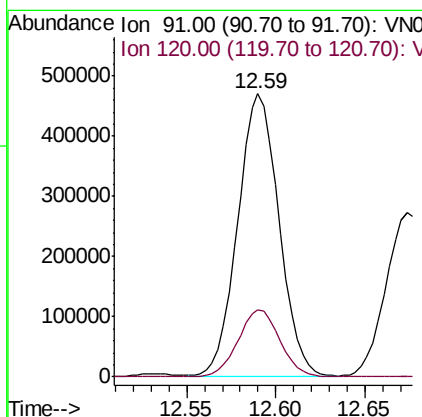
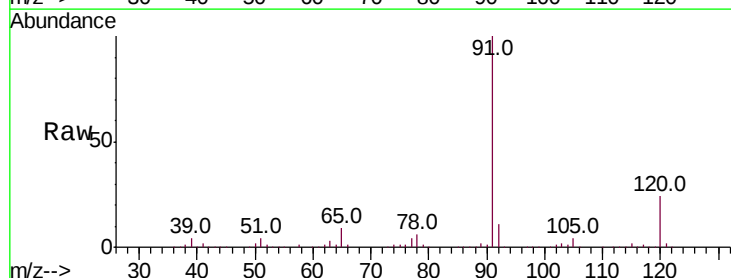
RT: 12.59 min Scan# 3364

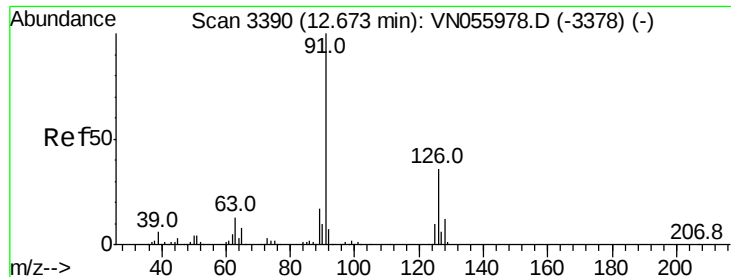
Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	91	Resp:	752202
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.309 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 456981

Ion Ratio Lower Upper

91 100

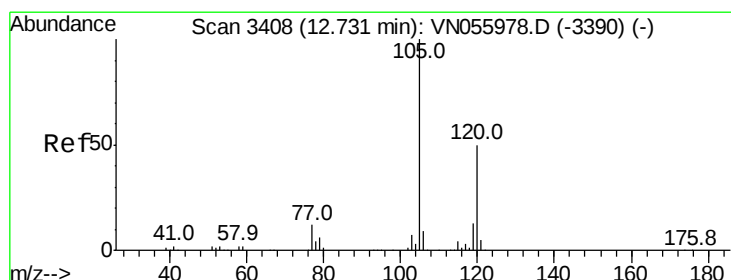
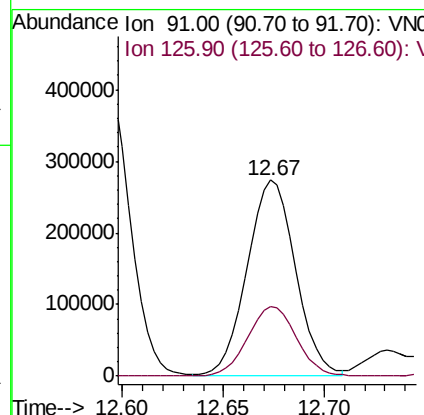
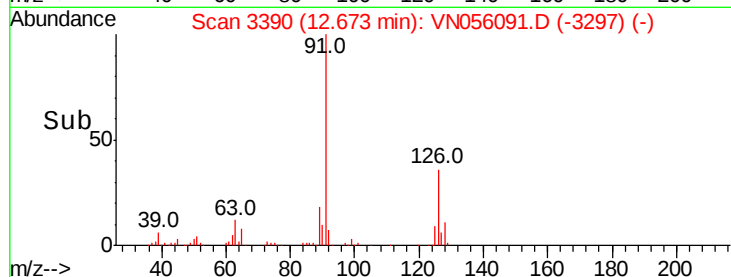
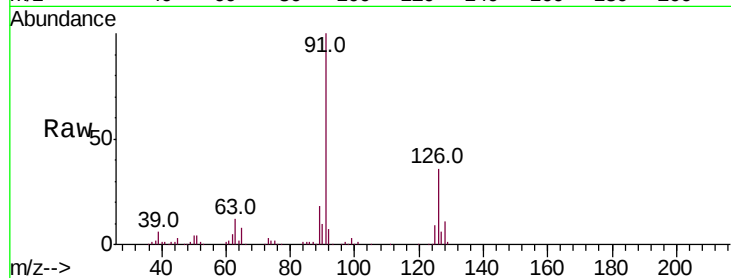
126 36.2 18.1 54.4

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#80

1,3,5-Trimethylbenzene

Concen: 47.030 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056091.D

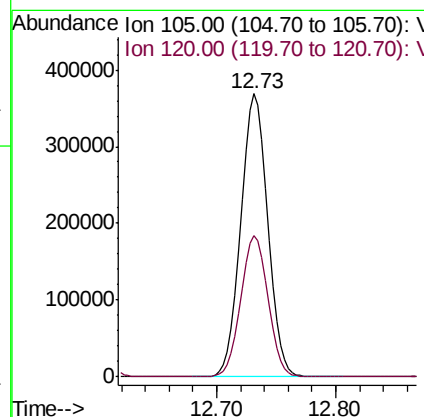
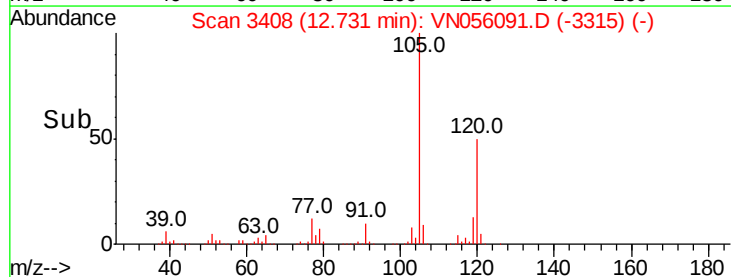
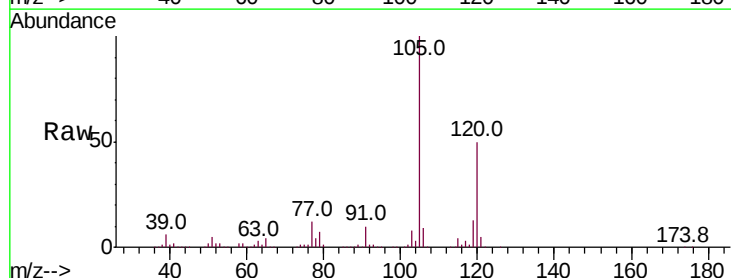
Acq: 7 Jun 2019 11:25

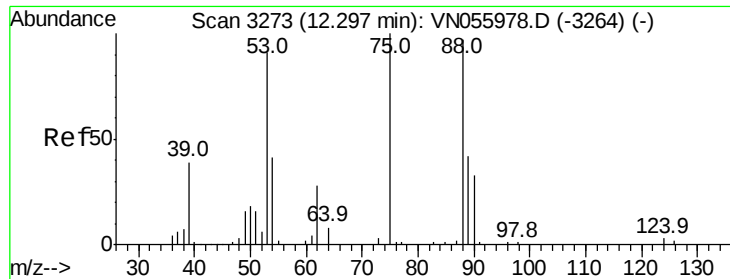
Tgt Ion: 105 Resp: 579327

Ion Ratio Lower Upper

105 100

120 50.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 50.251 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

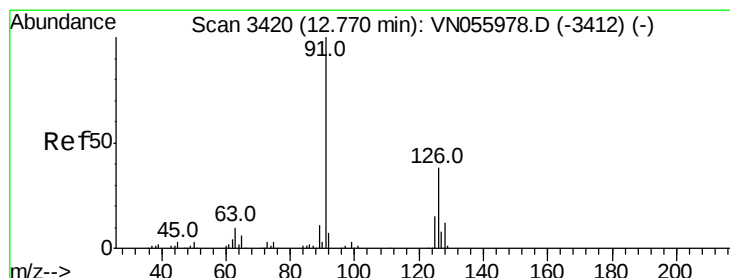
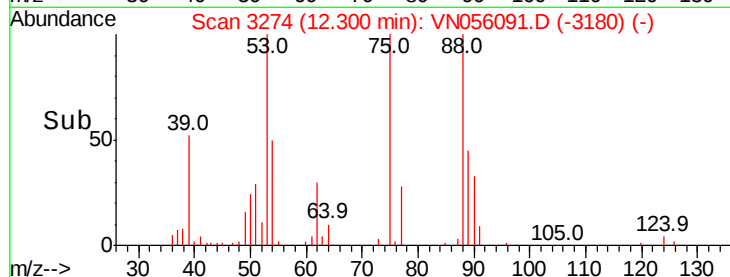
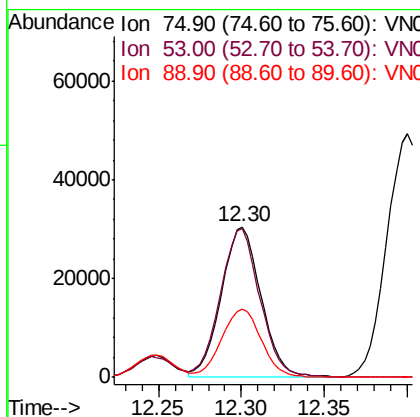
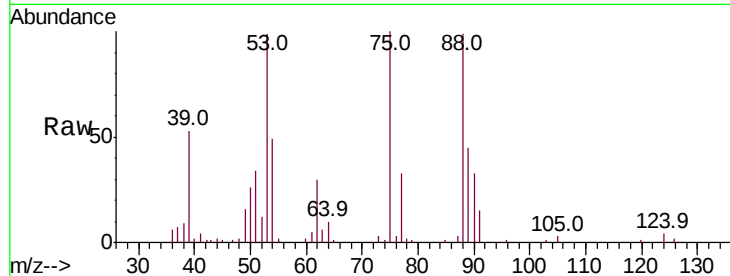
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	50869
Ion	Ratio	Lower	Upper
75	100		
53	98.5	68.1	102.1
89	45.1	36.9	55.3

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#82

4-Chlorotoluene

Concen: 48.943 ug/l

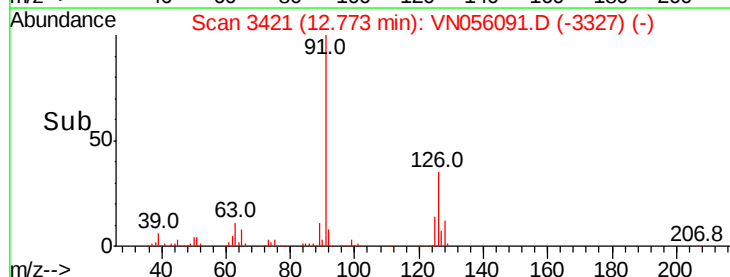
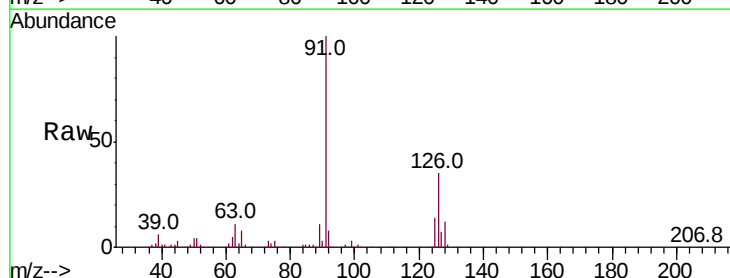
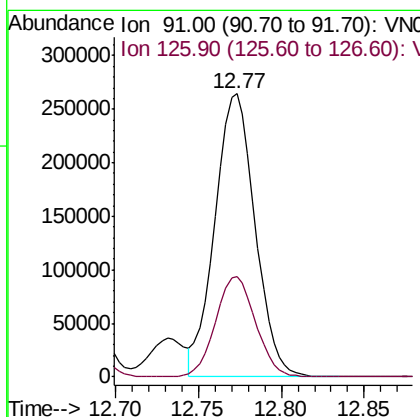
RT: 12.77 min Scan# 3421

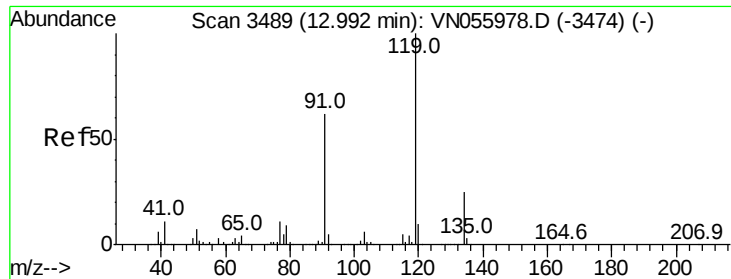
Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	91	Resp:	443804
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.3





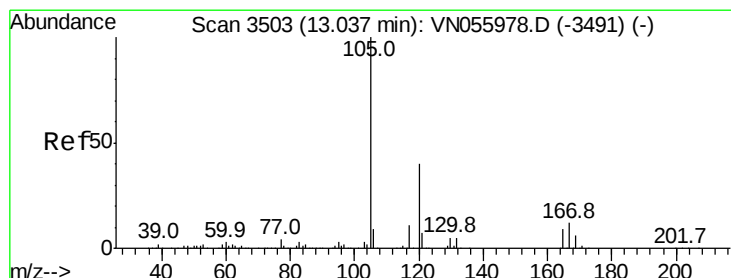
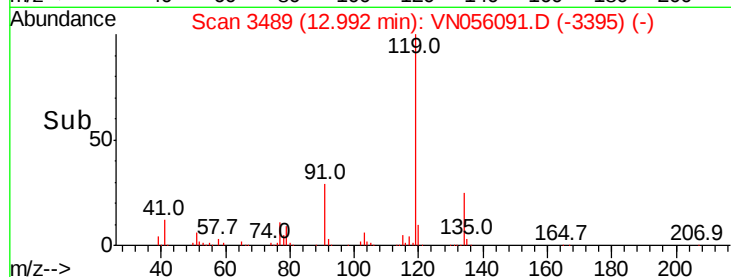
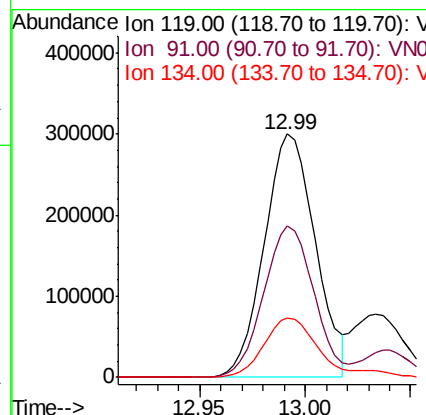
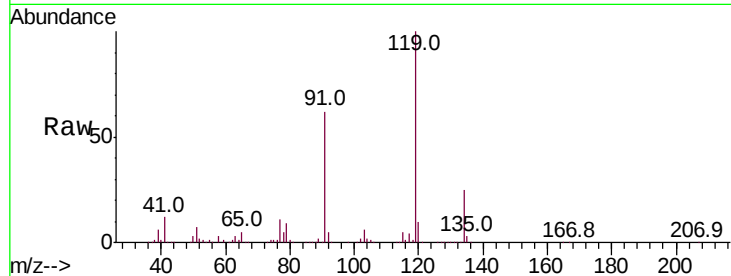
#83
 tert-Butylbenzene
 Concen: 52.966 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.9	92.8
134	27.0	13.3	39.8

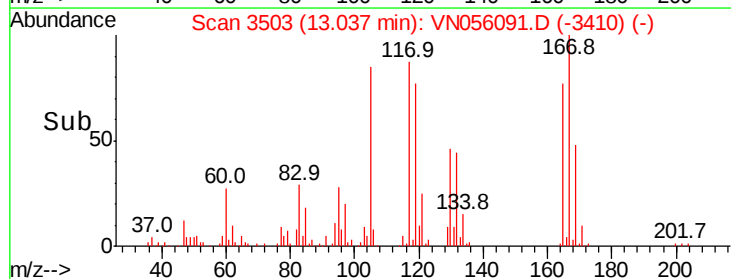
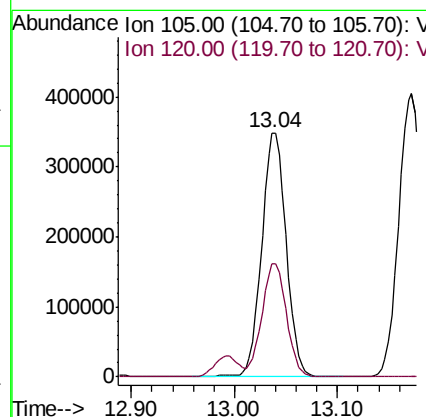
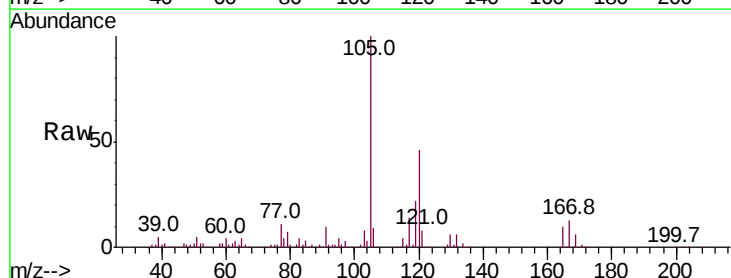
Manual Integrations
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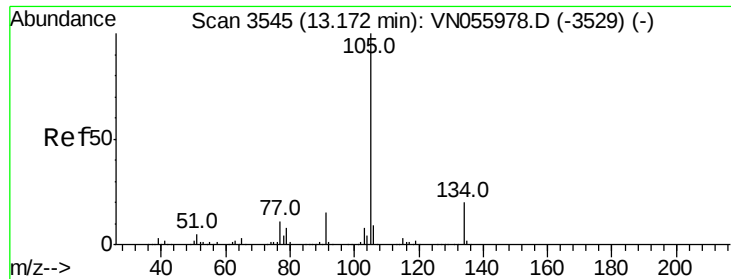
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.916 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0





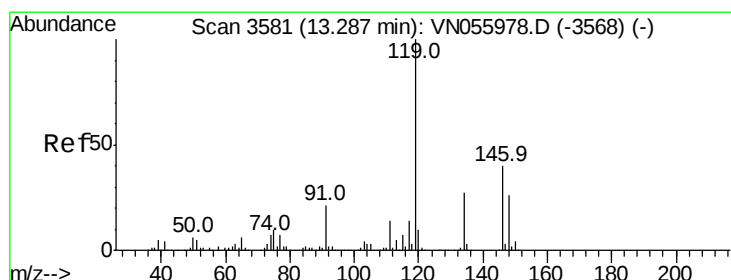
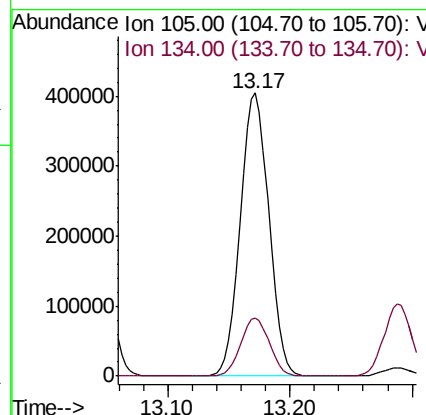
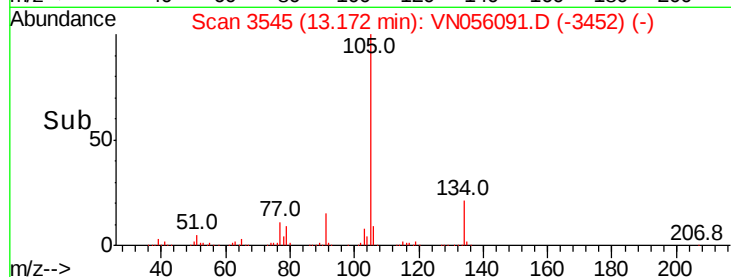
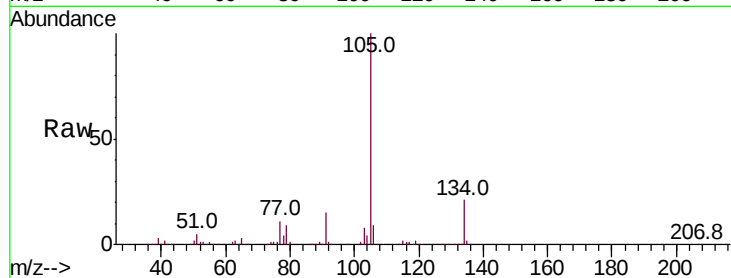
#85
 sec-Butylbenzene
 Concen: 47.631 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.2

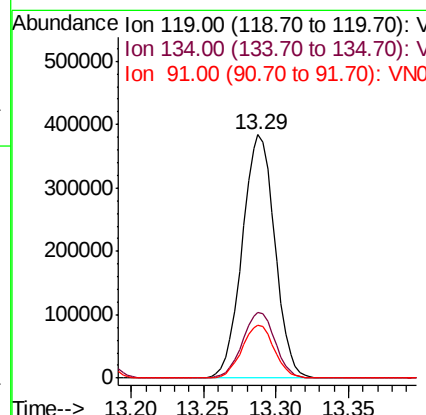
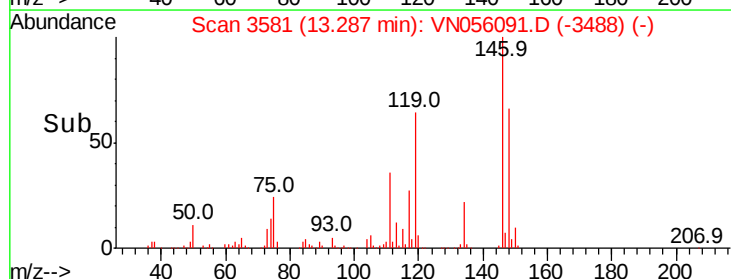
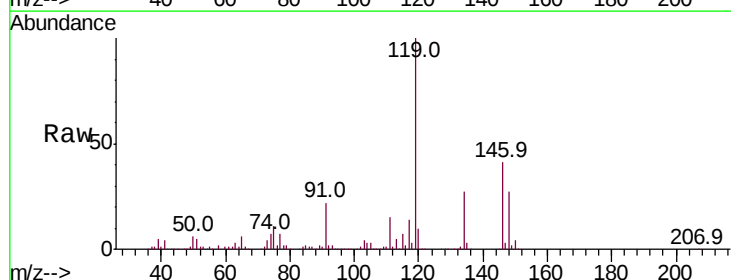
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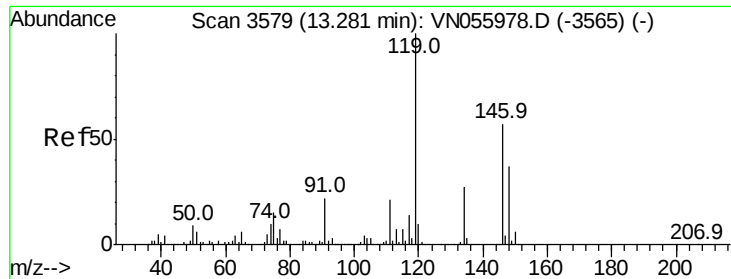
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#86
 p-Isopropyltoluene
 Concen: 48.542 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	21.5	10.9	32.9





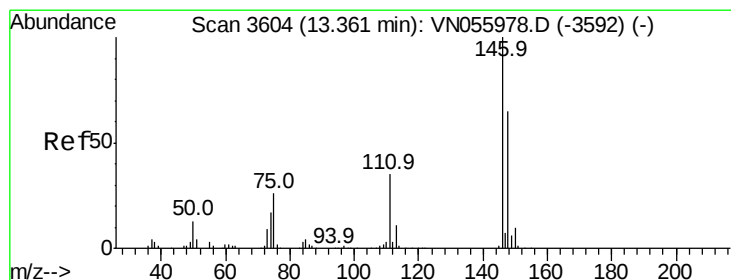
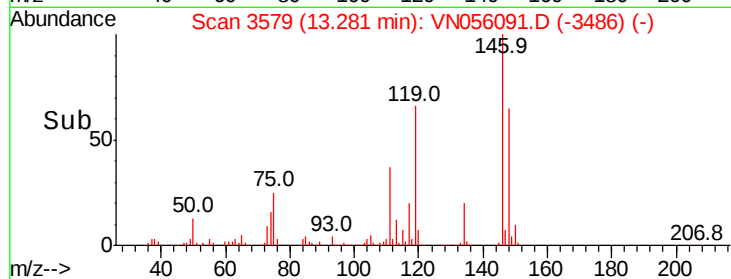
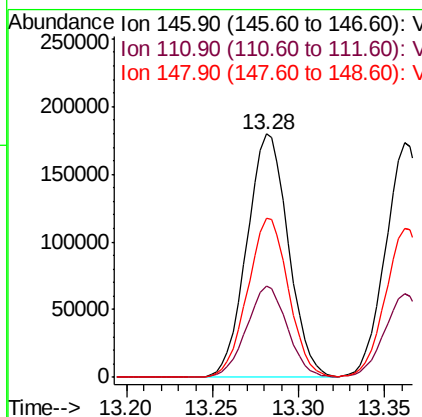
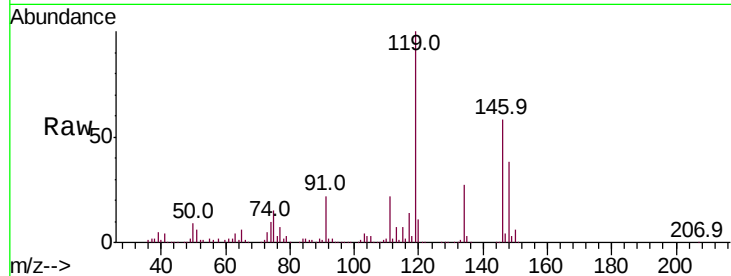
#87
 1,3-Dichlorobenzene
 Concen: 49.476 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.5	55.5
148	64.6	32.0	96.2

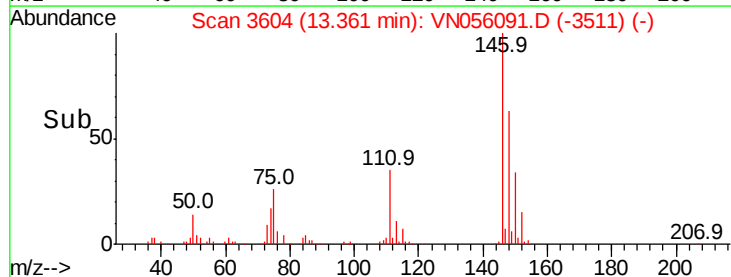
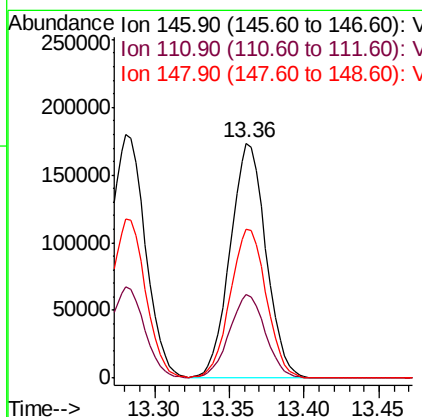
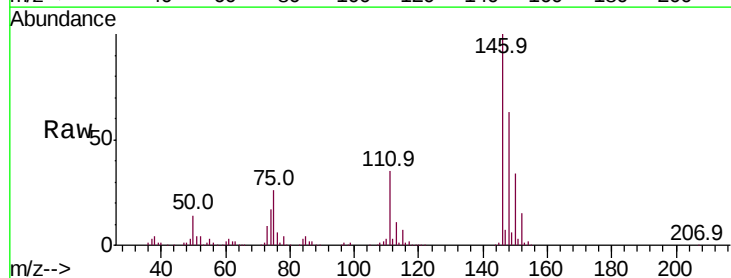
Manual Integrations
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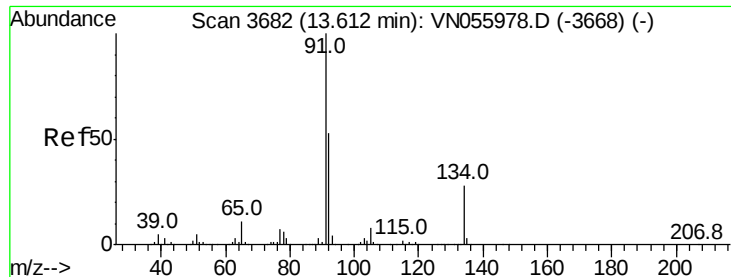
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.369 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.4
148	64.1	32.1	96.5





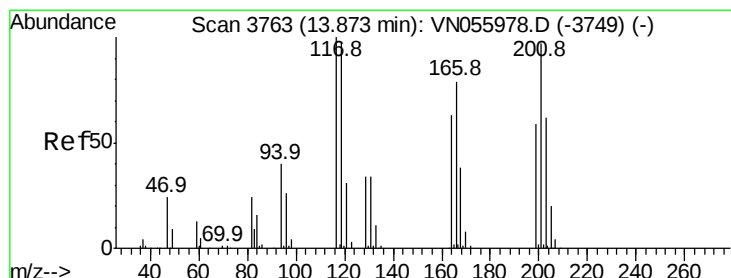
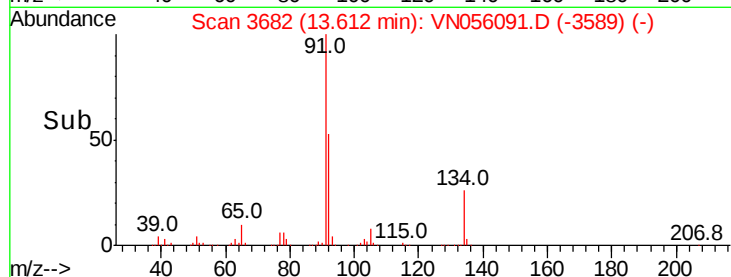
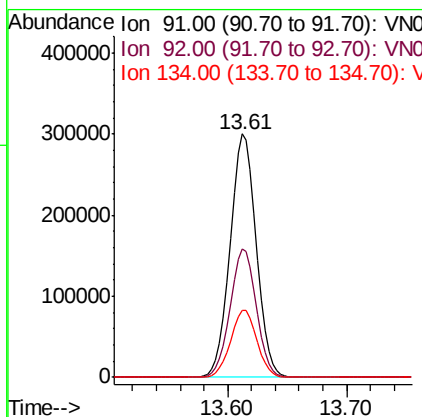
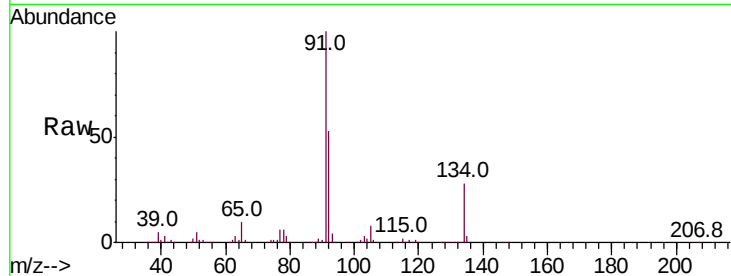
#89
n-Butylbenzene
Concen: 50.127 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	27.8	13.9	41.7

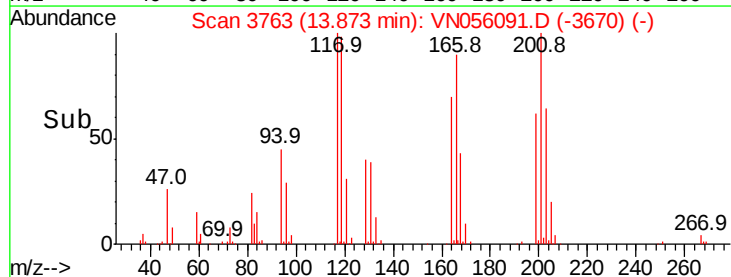
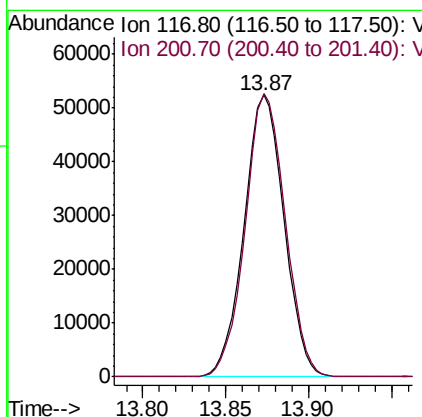
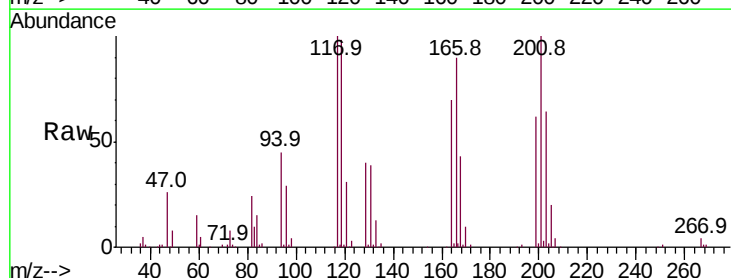
Manual Integrations
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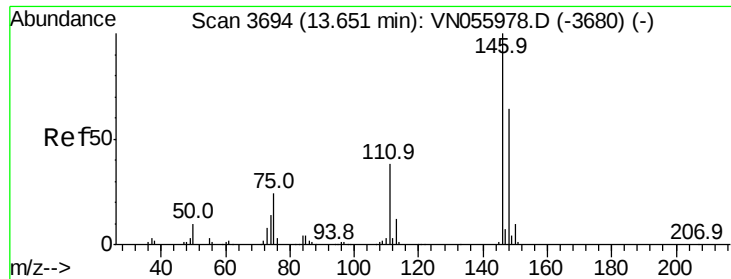
MMDadoda
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#90
Hexachloroethane
Concen: 47.556 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.2	50.0	150.0





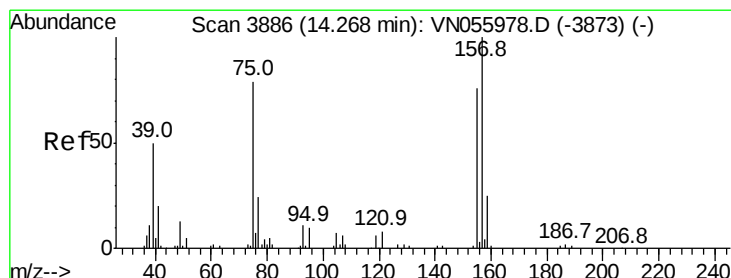
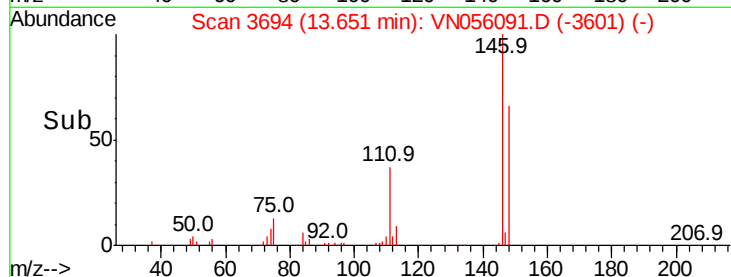
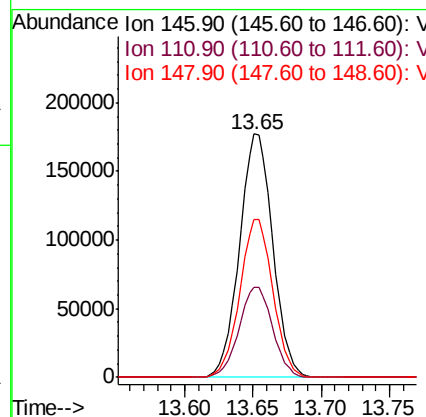
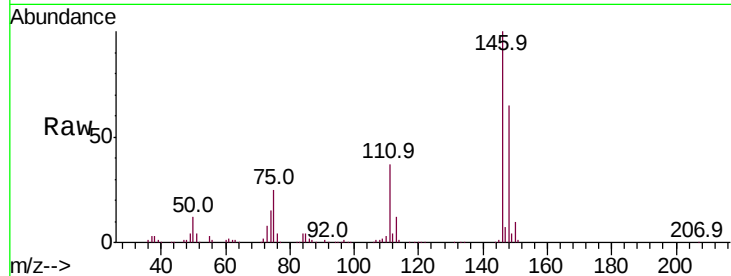
#91
 1,2-Dichlorobenzene
 Concen: 48.842 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	64.4	31.9	95.9

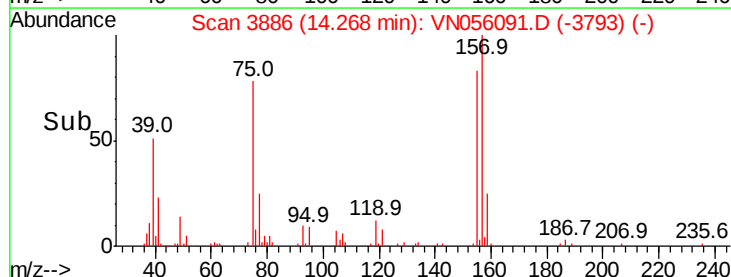
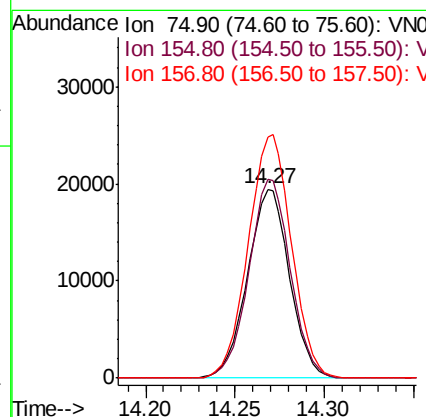
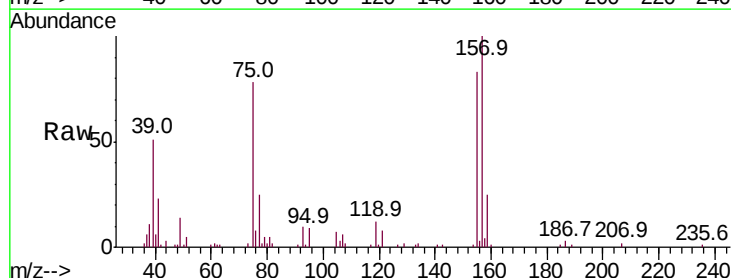
Manual Integrations
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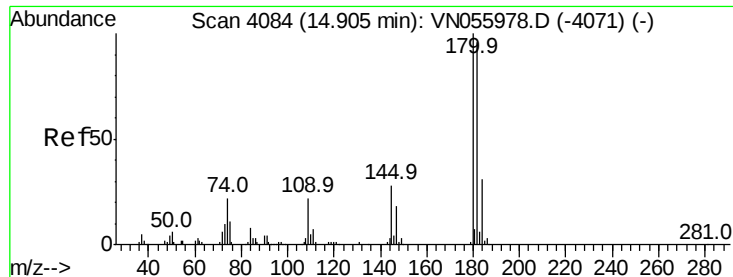
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 6/10/2019 3:31:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.688 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	50.0	150.1
157	132.6	64.8	194.3





#93

1,2,4-Trichlorobenzene

Concen: 43.821 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

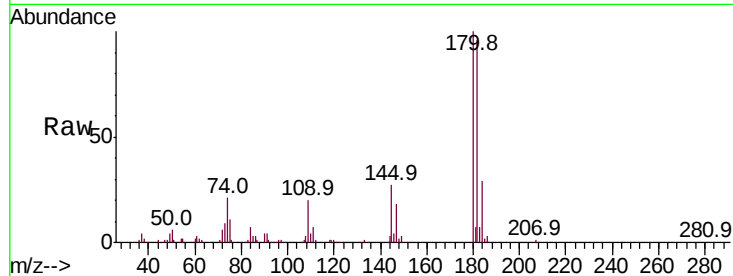
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	146059		
182	95.9	48.3	144.9	
145	27.3	14.0	41.9	

Manual Integrations
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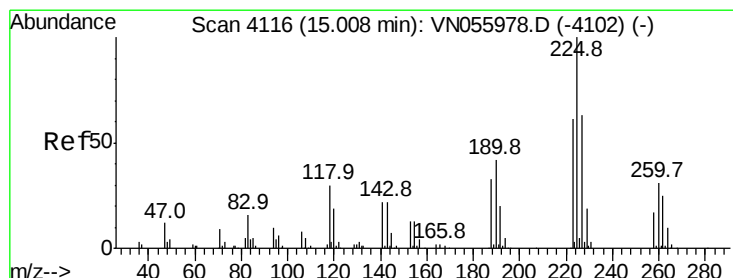
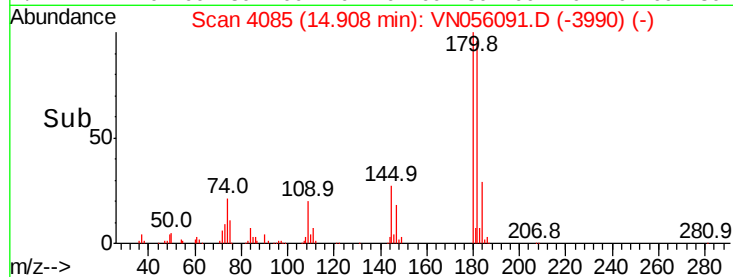
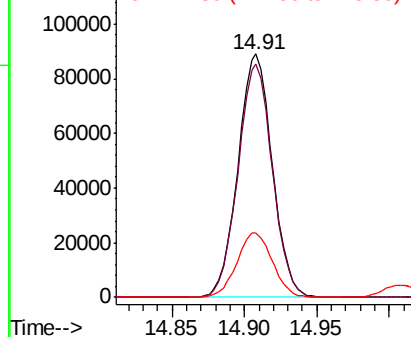


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.268 ug/l

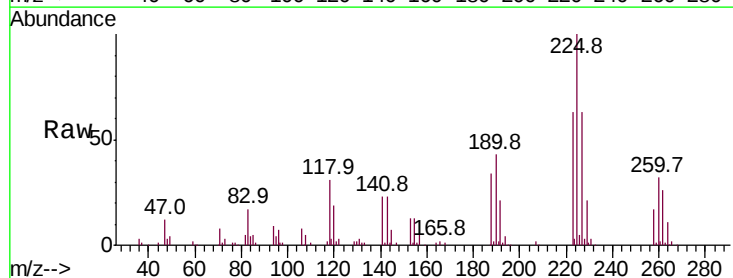
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107663		
223	63.4	30.9	92.7	
227	64.2	31.6	94.7	

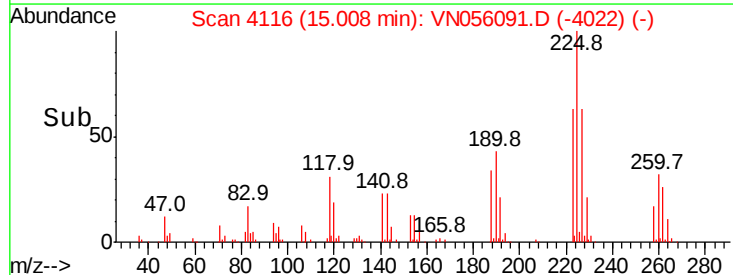
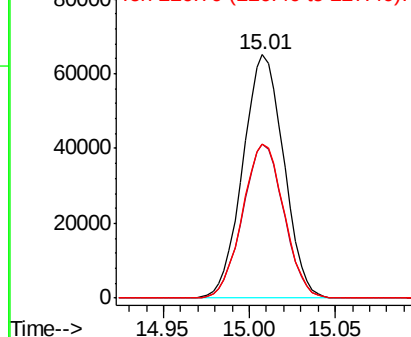


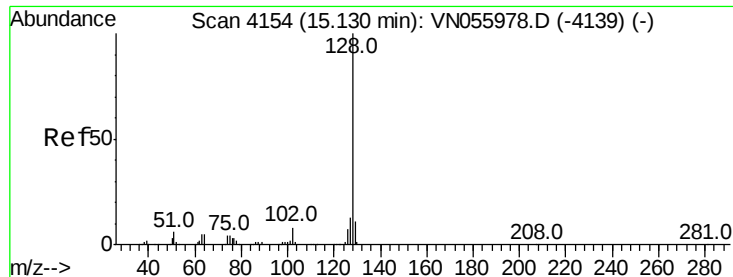
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.757 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

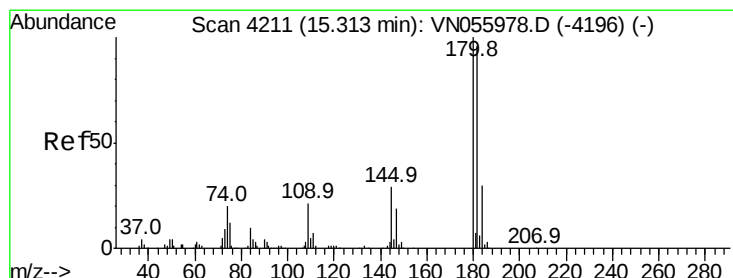
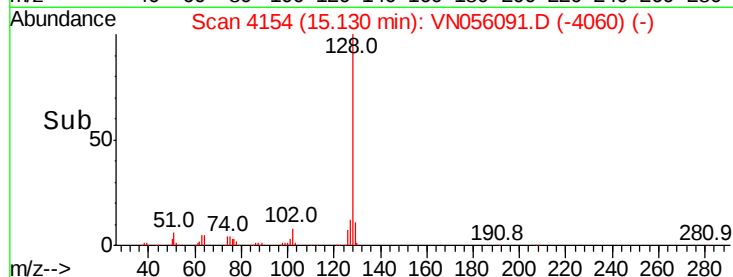
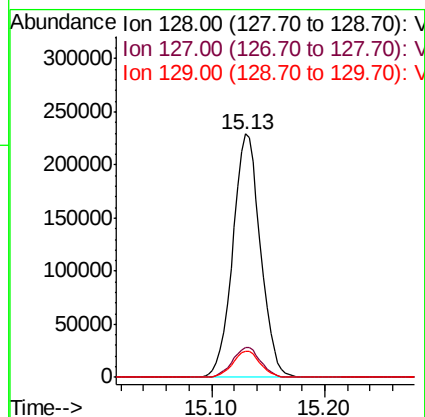
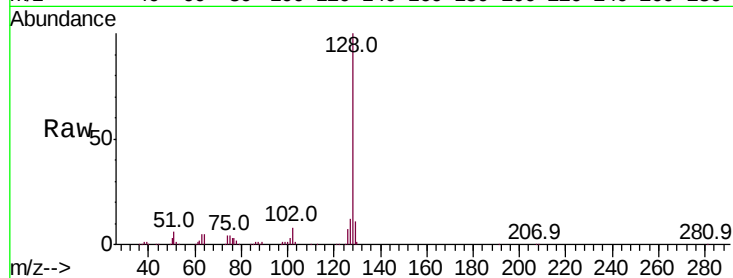
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	388372
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.8	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 45.994 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:	180	Resp:	157429
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.7
145	29.2	14.9	44.7

