

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055782.D
 Acq On : 24 May 2019 9:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:35:04 AM

Quant Time: May 24 11:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	370752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	525630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	185340	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	166283	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.09	98	638655	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	224414	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	111706	44.768	ug/l	99
3) Chloromethane	2.06	50	159479	45.617	ug/l	98
4) Vinyl Chloride	2.18	62	170653	45.766	ug/l	100
5) Bromomethane	2.53	94	114845	49.230	ug/l	98
6) Chloroethane	2.68	64	107412	47.845	ug/l	99
7) Trichlorofluoromethane	3.00	101	228212	46.682	ug/l	99
8) Diethyl Ether	3.40	74	102634	46.842	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	144606	47.386	ug/l	99
10) Methyl Iodide	3.94	142	230413	51.645	ug/l	100
11) Tert butyl alcohol	4.81	59	182117	248.943	ug/l	99
12) 1,1-Dichloroethene	3.72	96	146661	46.513	ug/l	96
13) Acrolein	3.60	56	116978	223.313	ug/l	99
14) Allyl chloride	4.31	41	246965	45.688	ug/l	99
15) Acrylonitrile	4.99	53	398245	237.071	ug/l	100
16) Acetone	3.82	43	441609	262.383	ug/l	98
17) Carbon Disulfide	4.04	76	398512	44.484	ug/l	100
18) Methyl Acetate	4.32	43	163053	47.593	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	494704	47.042	ug/l	98
20) Methylene Chloride	4.54	84	168918	46.343	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	160171	47.283	ug/l	96
22) Diisopropyl ether	5.95	45	484538	46.088	ug/l	96
23) Vinyl Acetate	5.89	43	2126804	235.945	ug/l	100
24) 1,1-Dichloroethane	5.84	63	282394	46.134	ug/l	99
25) 2-Butanone	6.84	43	573300	243.901	ug/l	100
26) 2,2-Dichloropropane	6.82	77	246253	46.484	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	187809	47.521	ug/l	99
28) Bromochloromethane	7.19	49	138965	47.682	ug/l	96
29) Tetrahydrofuran	7.21	42	344368	231.347	ug/l	98
30) Chloroform	7.37	83	287993	47.177	ug/l	98
31) Cyclohexane	7.65	56	262595	45.693	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	255065	46.822	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216760	47.321	ug/l	99
37) Ethyl Acetate	6.93	43	213714	48.273	ug/l	100
38) Carbon Tetrachloride	7.77	117	226768	47.527	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	273062	48.139	ug/l	98
40) Benzene	8.04	78	667342	48.340	ug/l	99
41) Methacrylonitrile	7.17	41	107280	47.965	ug/l	99
42) 1,2-Dichloroethane	8.12	62	216865	48.074	ug/l	99
43) Isopropyl Acetate	8.17	43	349424	46.975	ug/l #	92
44) Trichloroethene	8.83	130	193767	50.347	ug/l	98
45) 1,2-Dichloropropane	9.12	63	172657	48.002	ug/l	100
46) Dibromomethane	9.21	93	116544	49.407	ug/l	98
47) Bromodichloromethane	9.40	83	231903	47.945	ug/l	99
48) Methyl methacrylate	9.20	41	171469	50.017	ug/l	99
49) 1,4-Dioxane	9.20	88	70314	986.988	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1079564	245.737	ug/l	99
52) Toluene	10.16	92	426761	49.152	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	254038	49.204	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	282288	49.354	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	173952	50.011	ug/l	99
56) Ethyl methacrylate	10.43	69	271390	50.485	ug/l	99
57) 1,3-Dichloropropane	10.71	76	280152	49.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	498663	242.736	ug/l	99
59) 2-Hexanone	10.75	43	780452	250.422	ug/l	99
60) Dibromochloromethane	10.90	129	202072	49.869	ug/l	99
61) 1,2-Dibromoethane	11.00	107	181716	50.367	ug/l	99
64) Tetrachloroethene	10.63	164	193382	48.363	ug/l	98
65) Chlorobenzene	11.43	112	468025	49.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	181829	48.037	ug/l	100
67) Ethyl Benzene	11.51	91	824234	48.429	ug/l	99
68) m/p-Xylenes	11.62	106	637165	99.028	ug/l	99
69) o-Xylene	11.95	106	312440	48.944	ug/l	100
70) Styrene	11.96	104	523973	50.686	ug/l	100
71) Bromoform	12.13	173	159979	49.550	ug/l #	99
73) Isopropylbenzene	12.25	105	825778	53.636	ug/l	100
74) N-amyl acetate	12.07	43	294284	50.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	235918	51.661	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	215445m	58.111	ug/l	
77) Bromobenzene	12.53	156	221167	47.714	ug/l	96
78) n-propylbenzene	12.59	91	886979	46.981	ug/l	99
79) 2-Chlorotoluene	12.67	91	533307	52.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	688825	53.121	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	75866	46.992	ug/l	99
82) 4-Chlorotoluene	12.77	91	526871	47.475	ug/l	99
83) tert-Butylbenzene	12.99	119	598481	53.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	679443	52.440	ug/l	98
85) sec-Butylbenzene	13.17	105	772117	52.941	ug/l	100
86) p-Isopropyltoluene	13.29	119	711811	47.186	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	359145	48.932	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	345205	49.469	ug/l	99
89) n-Butylbenzene	13.61	91	561566	48.585	ug/l	100
90) Hexachloroethane	13.87	117	130197	45.344	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	349428	47.718	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42562	44.221	ug/l	95

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	193144	46.146	ug/l	99
94) Hexachlorobutadiene	15.01	225	132443	51.445	ug/l	99
95) Naphthalene	15.13	128	521462	51.895	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	201499	52.055	ug/l	99

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

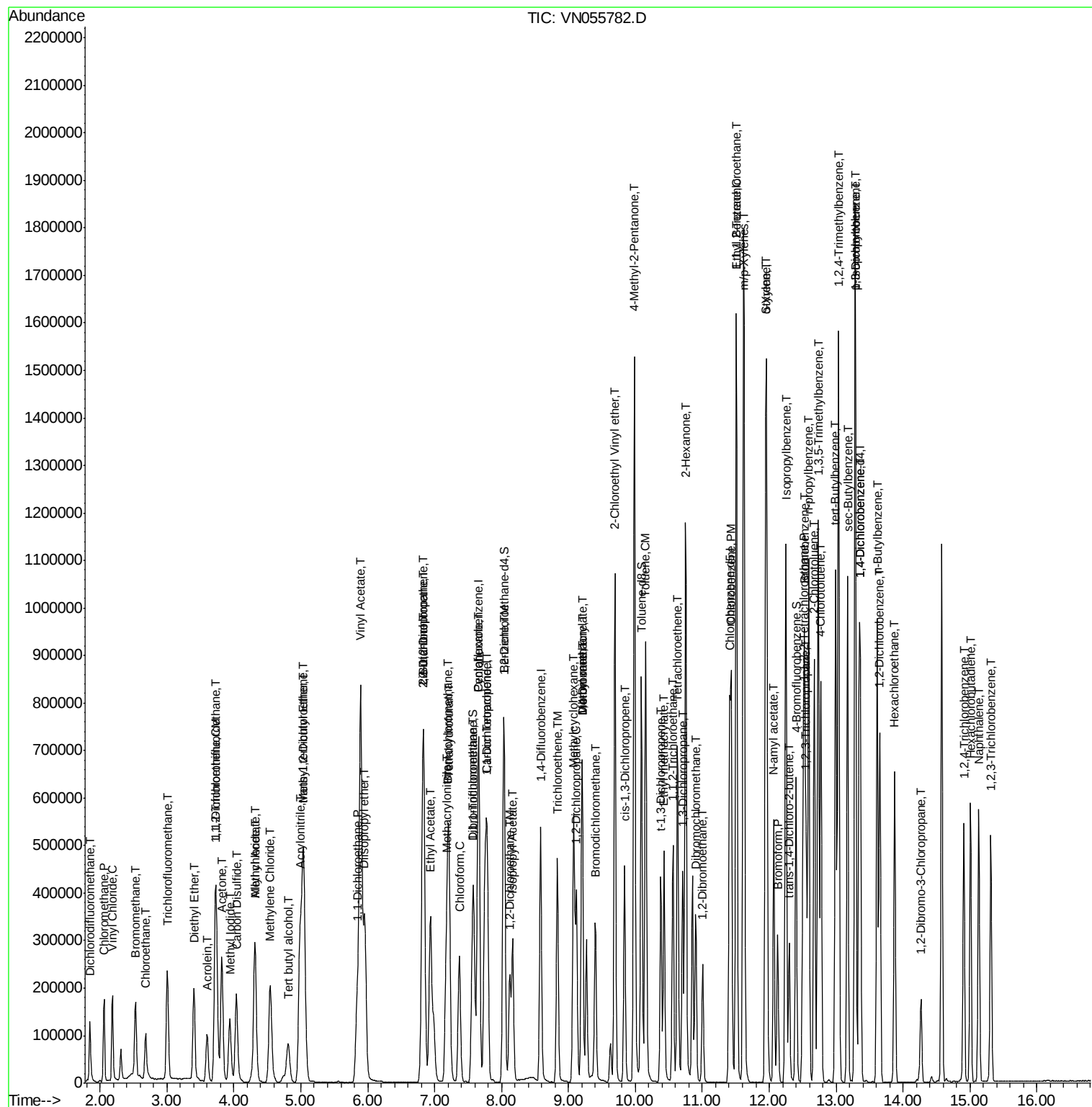
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 Data File : VN055782.D
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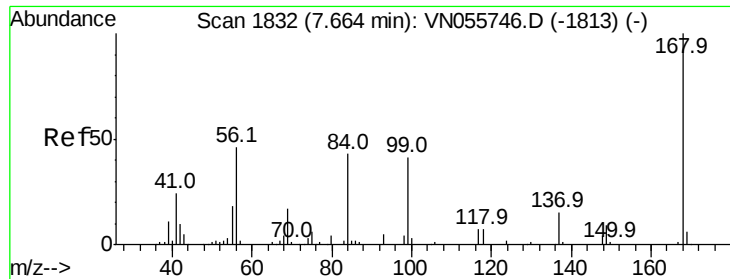
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 370752

Ion Ratio Lower Upper

168 100

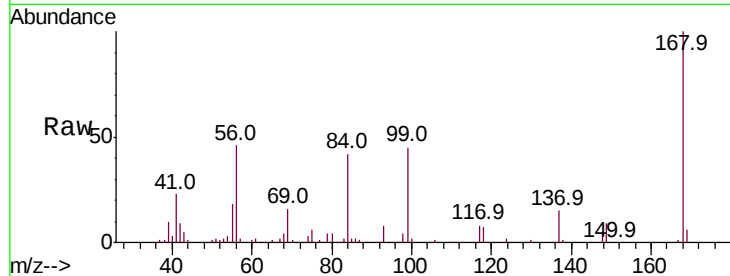
99 44.8 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

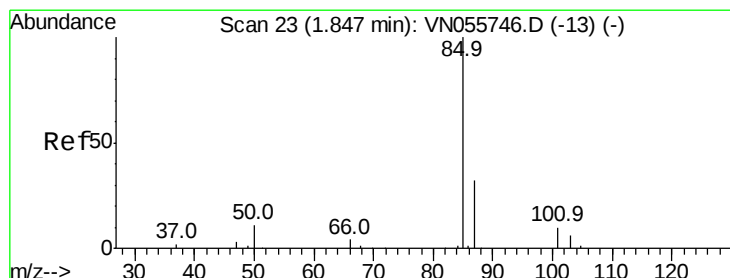
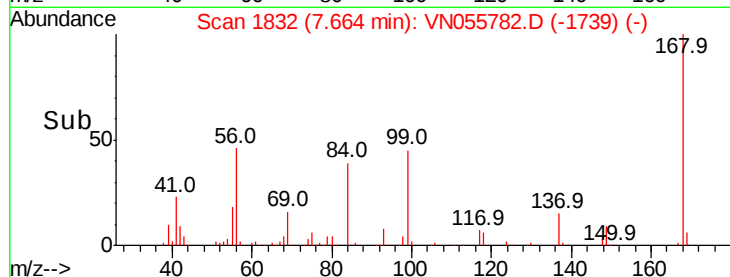
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50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.768 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055782.D

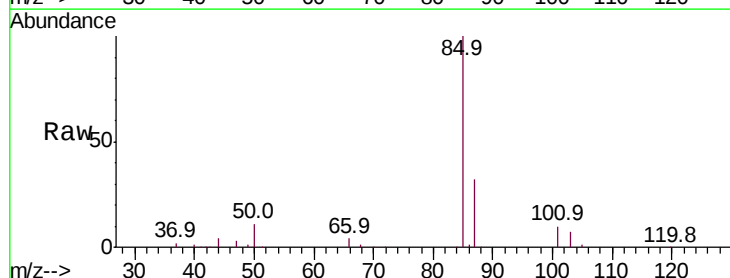
Acq: 24 May 2019 9:21

Tgt Ion: 85 Resp: 111706

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055746.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN055746.D (-13) (-)

1.85

80000

60000

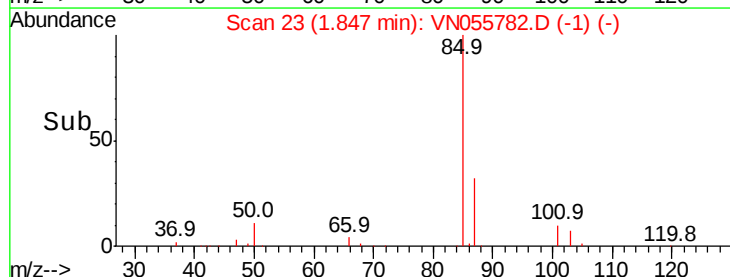
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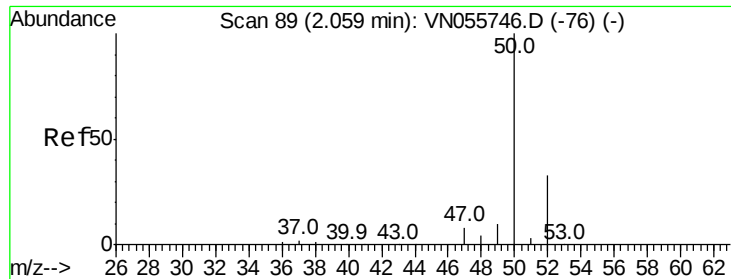
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1.80 1.85 1.90 1.95

Time-->





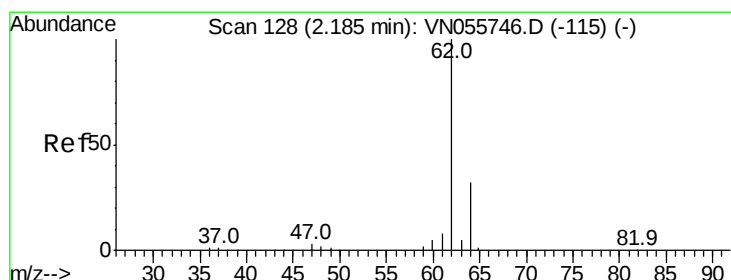
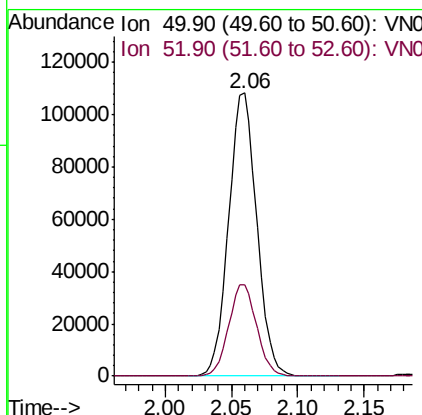
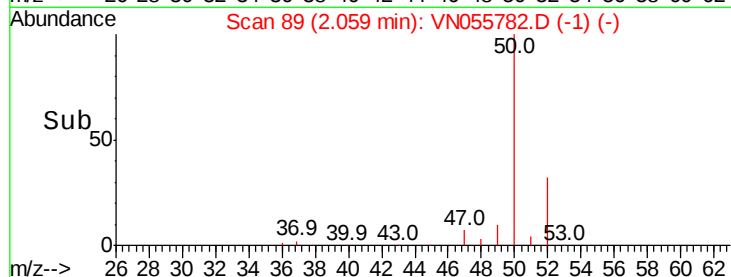
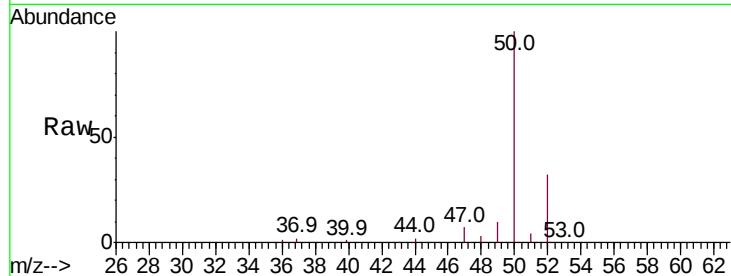
#3
Chloromethane
Concen: 45.617 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.6	40.0

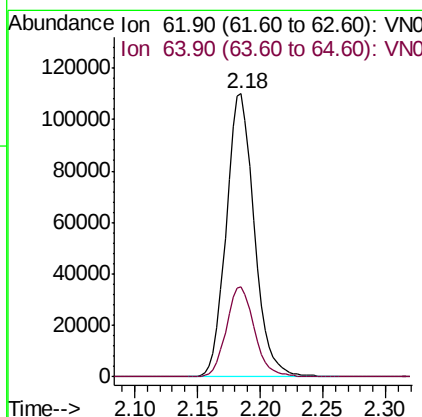
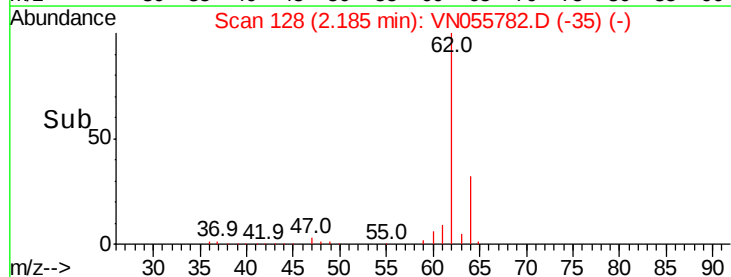
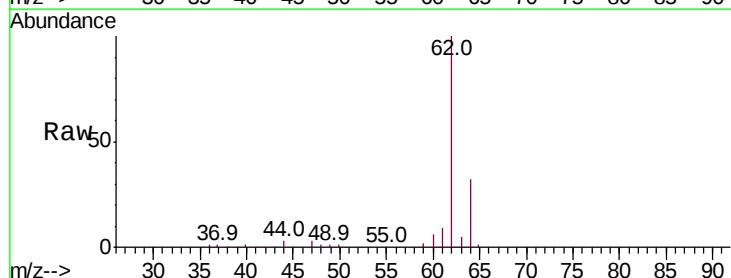
Manual Integrations
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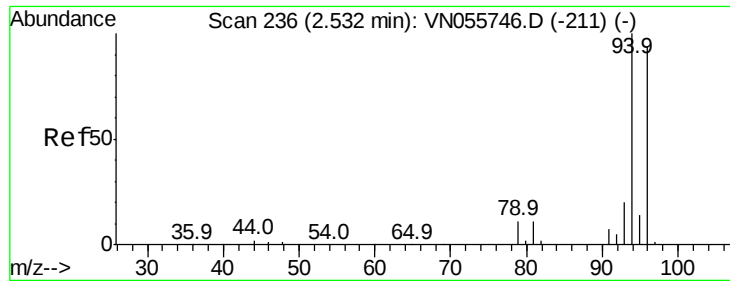
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#4
Vinyl Chloride
Concen: 45.766 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.6	38.4





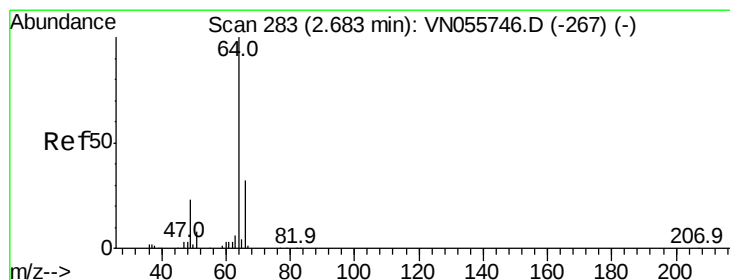
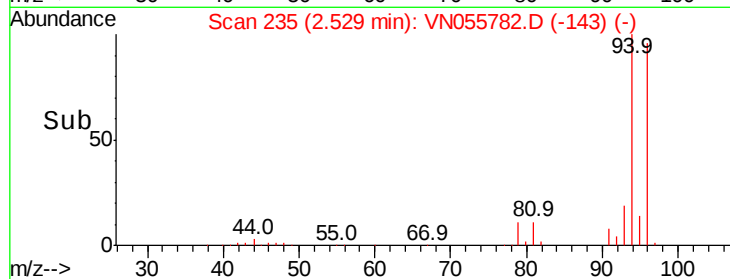
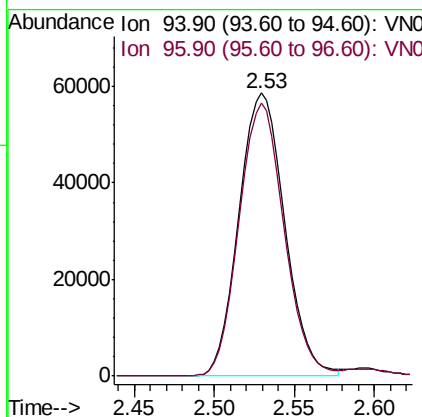
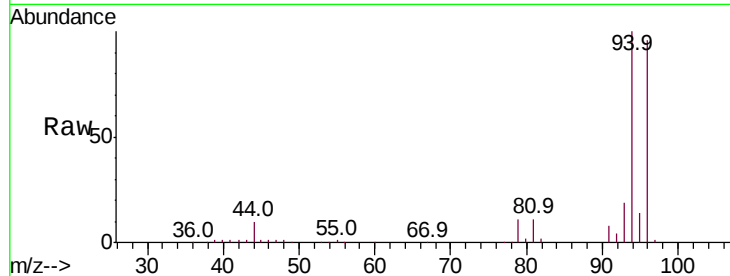
#5
 Bromomethane
 Concen: 49.230 ug/l
 RT: 2.53 min Scan# 235
 Delta R.T. -0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
96	96.4	75.5	113.3

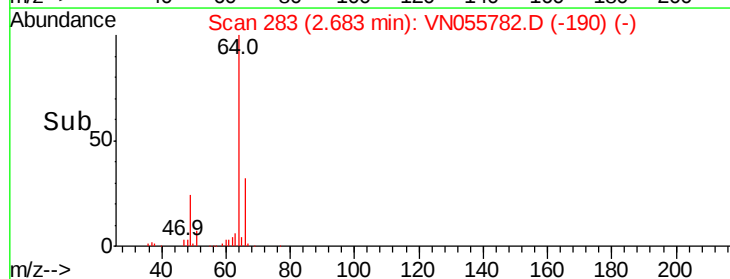
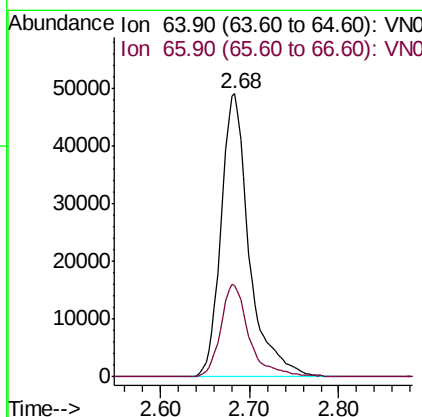
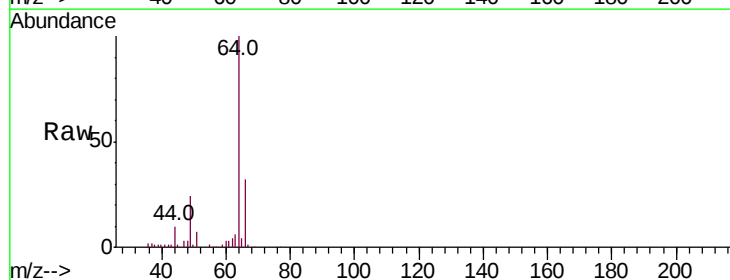
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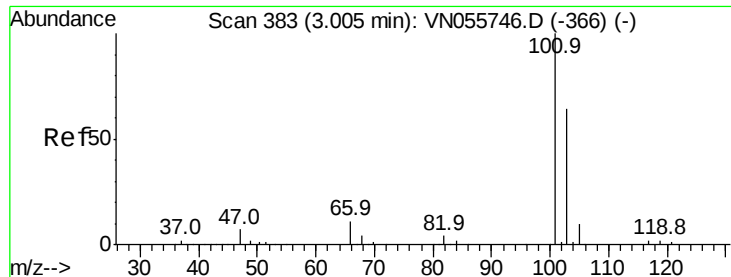
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 5/28/2019 10:35:04 AM



#6
 Chloroethane
 Concen: 47.845 ug/l
 RT: 2.68 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.4	38.0





#7

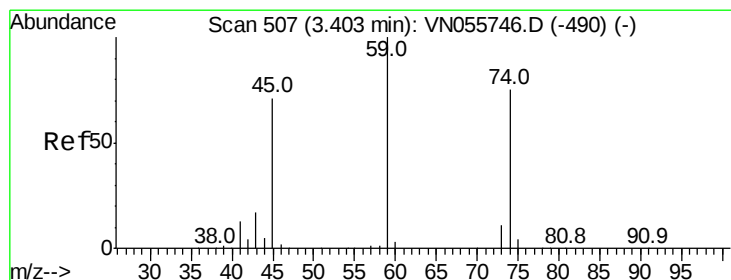
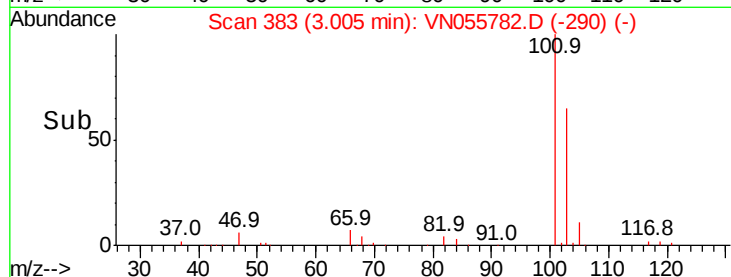
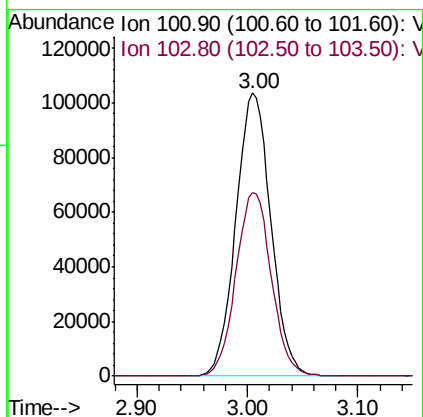
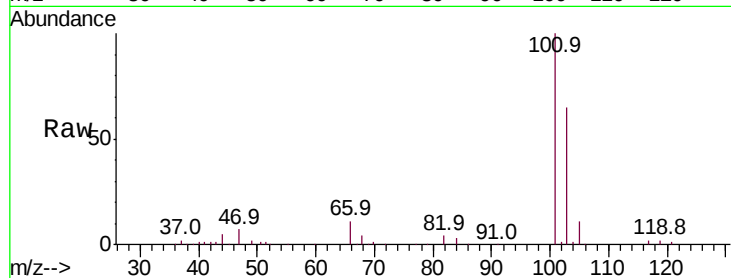
Trichlorofluoromethane
Concen: 46.682 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.2	76.8

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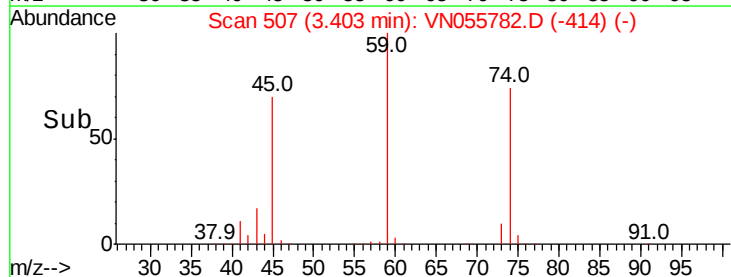
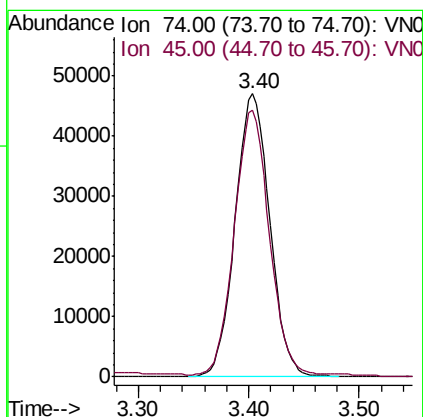
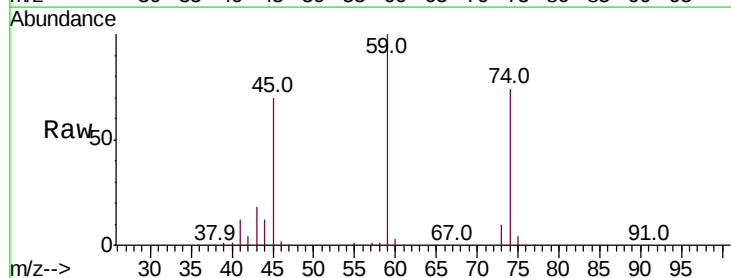
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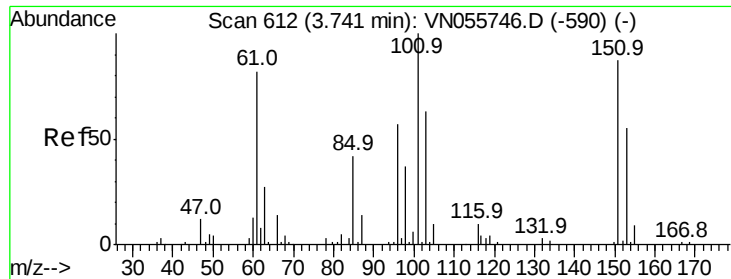


#8

Diethyl Ether
Concen: 46.842 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	48.6	145.9





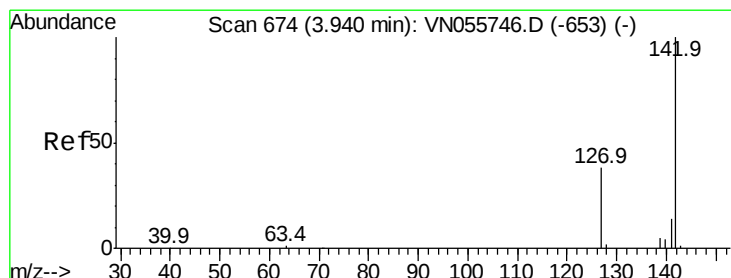
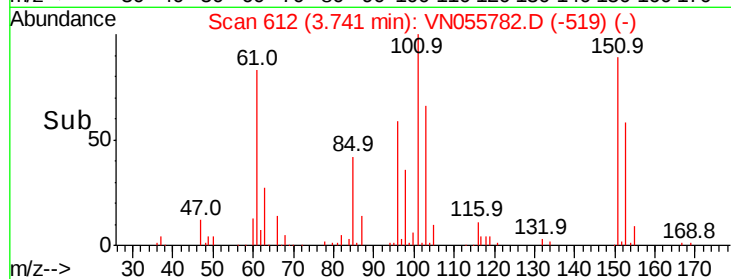
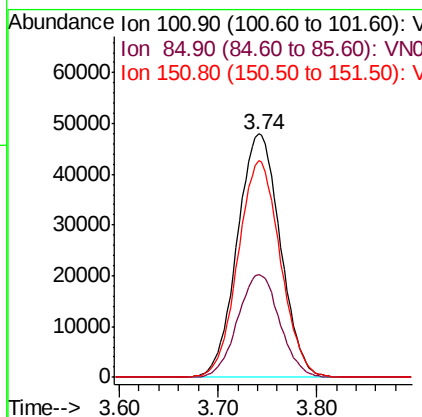
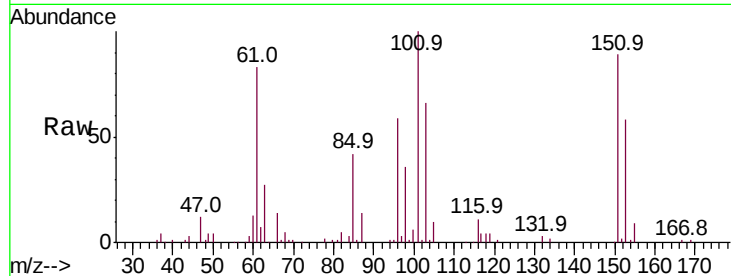
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.386 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.3	33.4	50.2
151	87.6	69.4	104.2

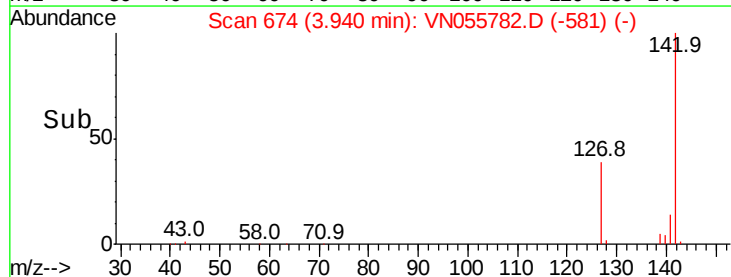
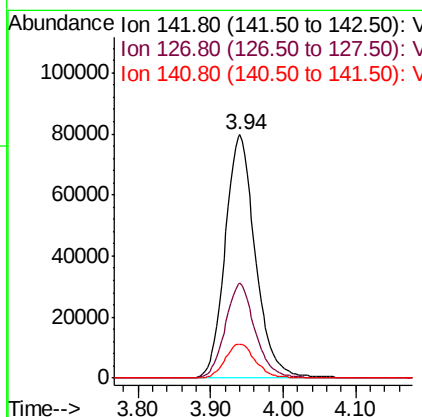
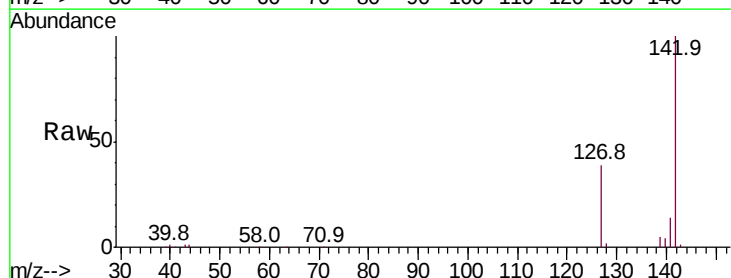
Manual Integrations
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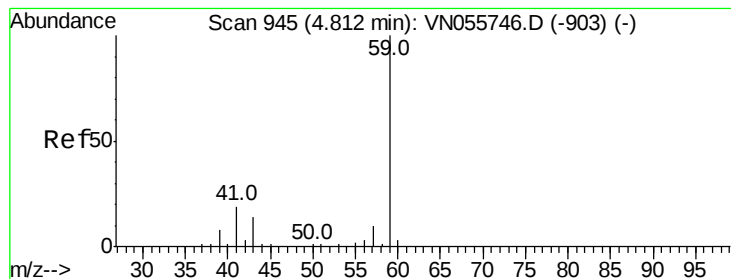
MMDadoda
5/28/2019 10:35:04 AM



#10
Methyl Iodide
Concen: 51.645 ug/l
RT: 3.94 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.4	31.0	46.4
141	14.2	11.4	17.0





#11

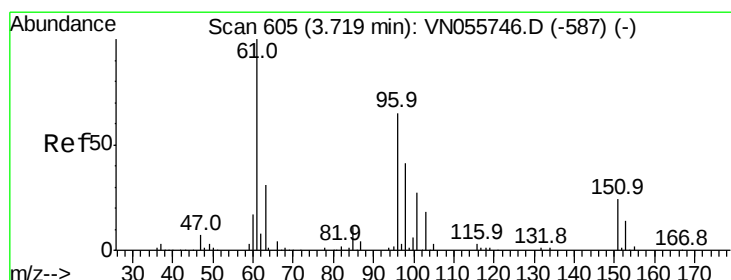
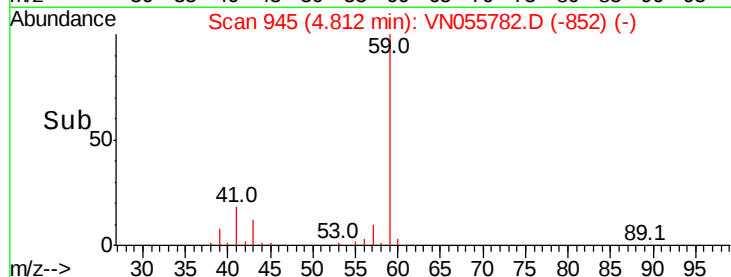
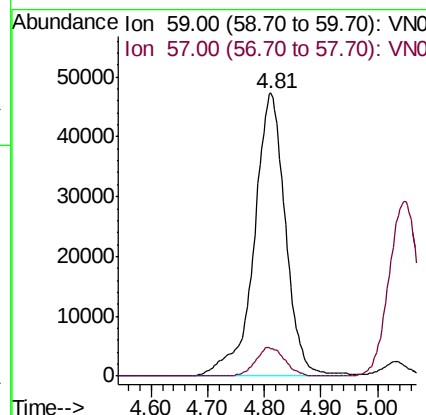
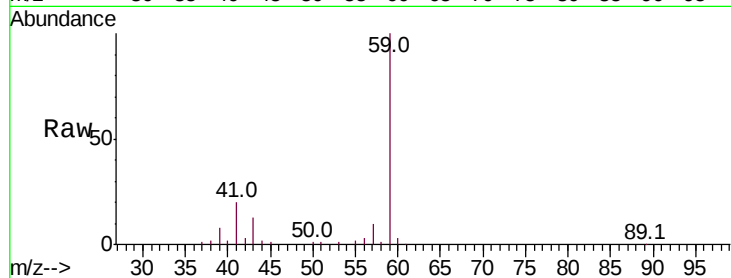
Tert butyl alcohol
Concen: 248.943 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.6

Manual Integrations
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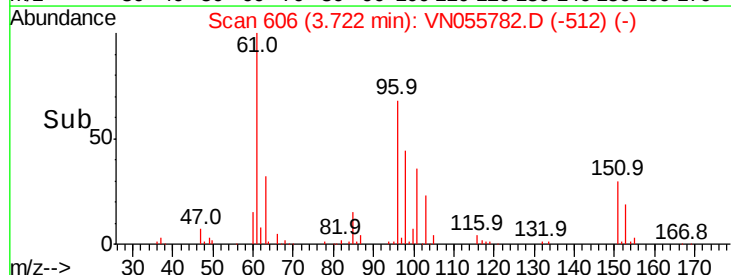
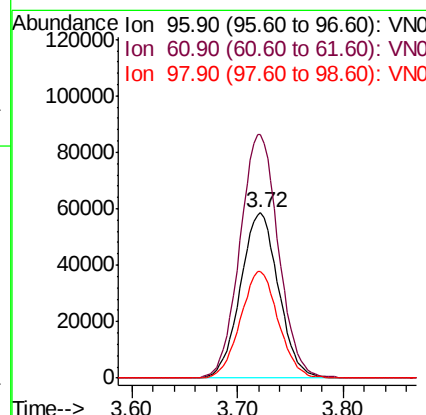
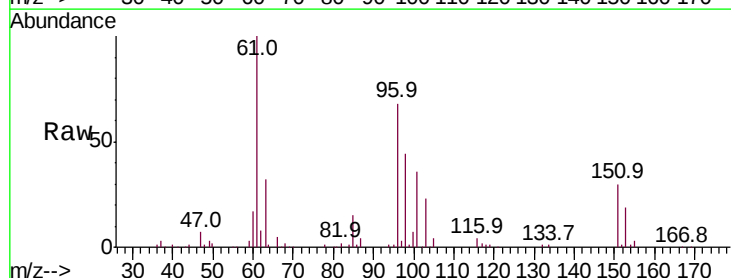
MMDadoda
5/28/2019 10:35:04 AM

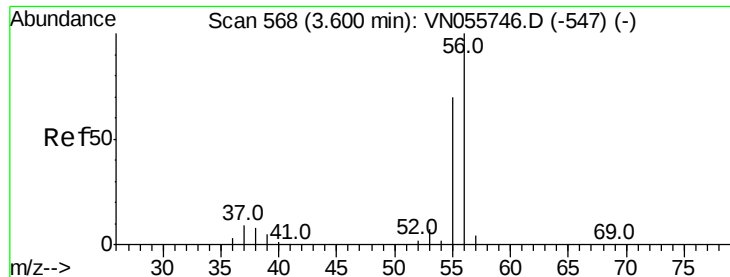


#12

1,1-Dichloroethene
Concen: 46.513 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	123.2	184.8
98	64.5	50.4	75.6





#13

Acrolein

Concen: 223.313 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 116978

Ion Ratio Lower Upper

56 100

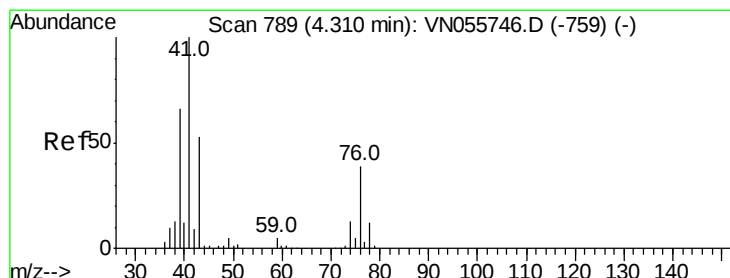
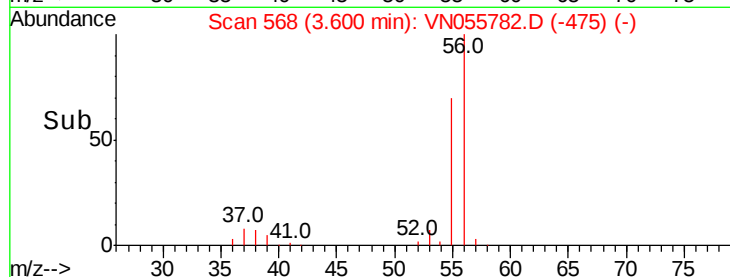
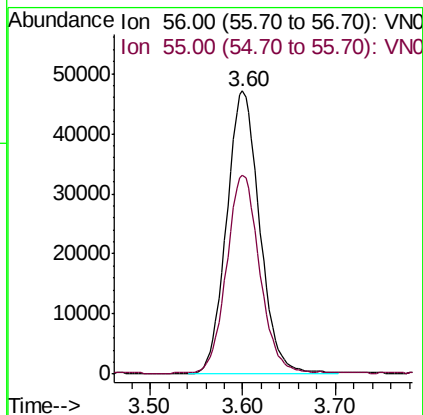
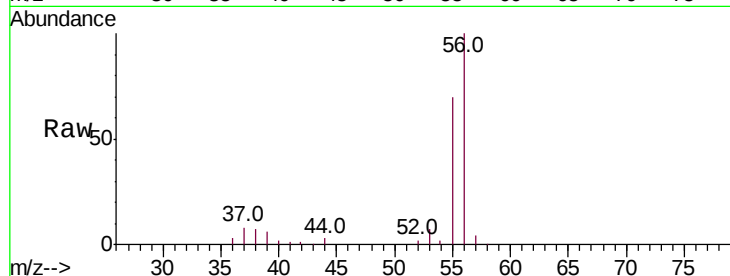
55 68.5 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.688 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

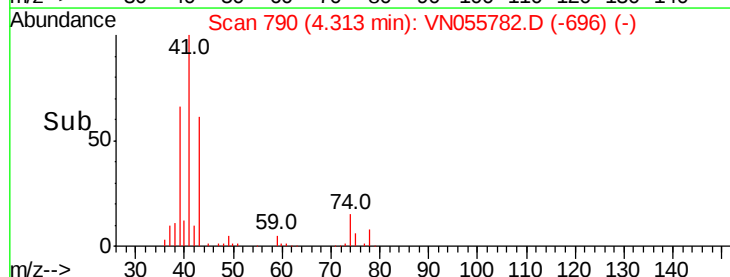
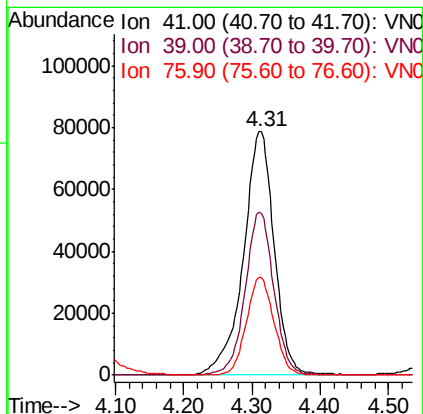
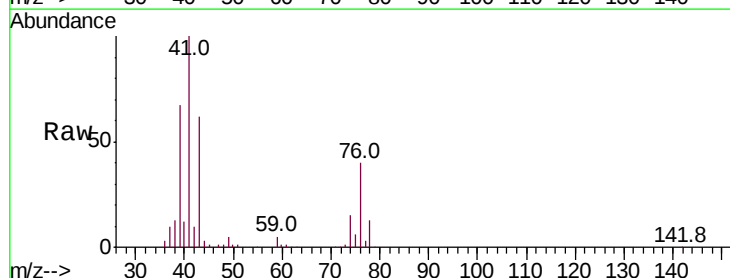
Tgt Ion: 41 Resp: 246965

Ion Ratio Lower Upper

41 100

39 62.4 50.0 75.0

76 35.9 28.2 42.2





#15

Acrylonitrile

Concen: 237.071 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

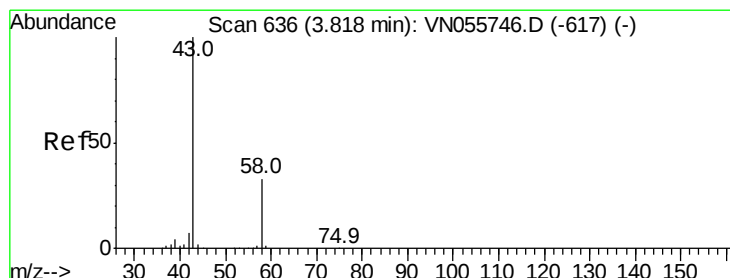
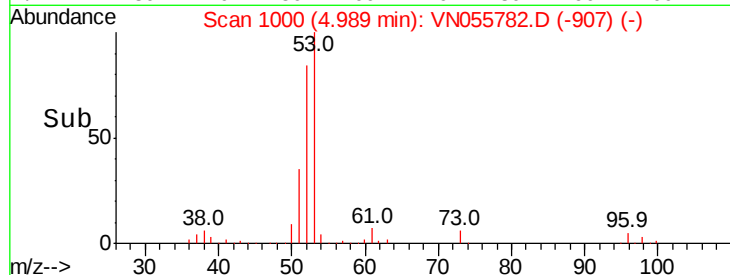
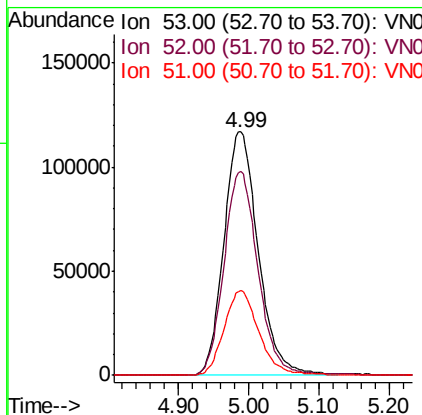
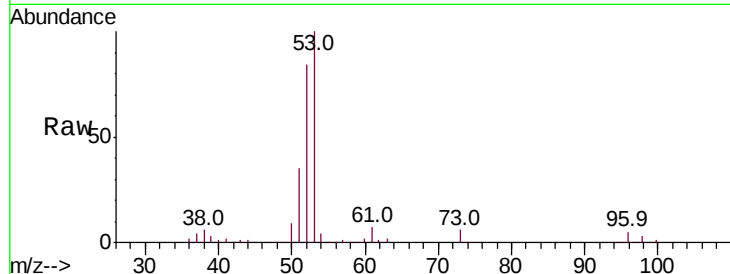
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	398245
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.8	98.8
51	35.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 262.383 ug/l

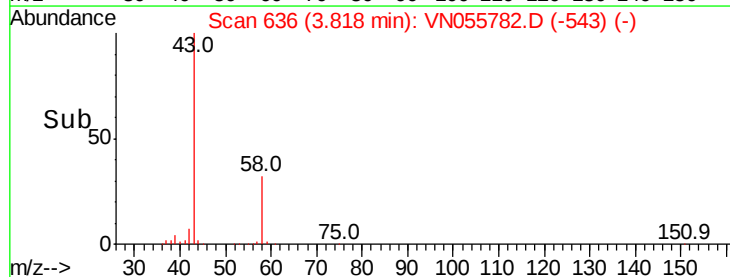
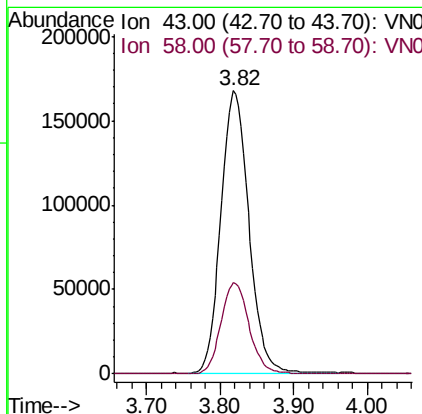
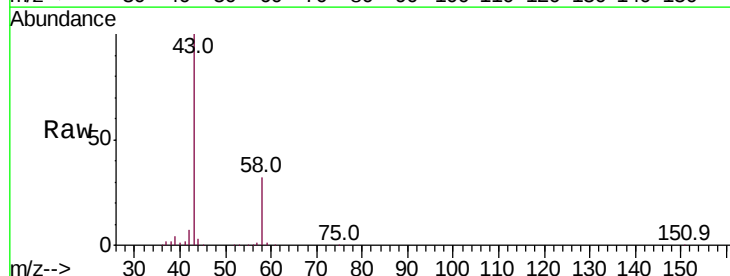
RT: 3.82 min Scan# 636

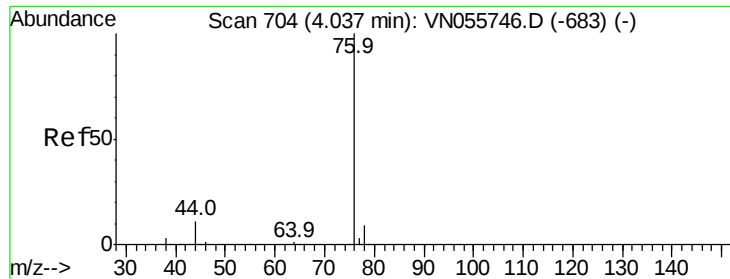
Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion:	43	Resp:	441609
Ion Ratio	Lower	Upper	
43	100		
58	32.3	26.6	39.8





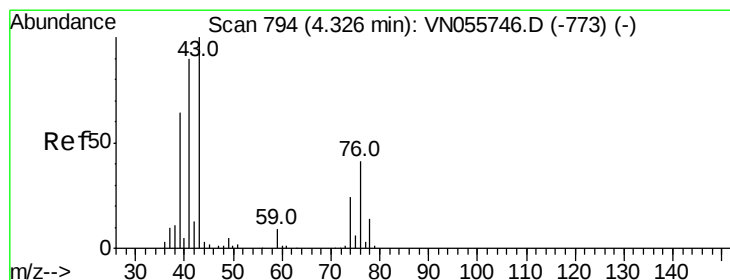
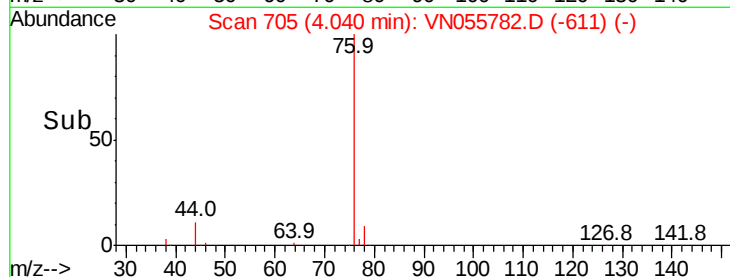
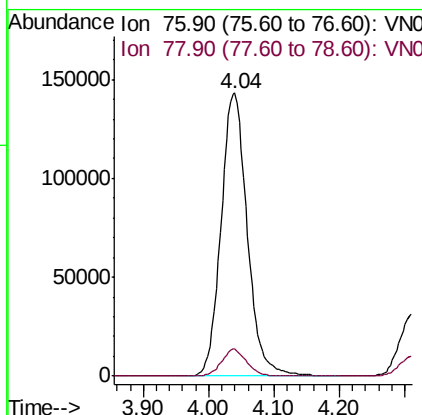
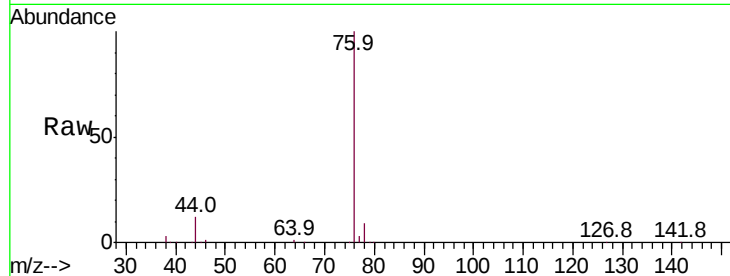
#17
Carbon Disulfide
Concen: 44.484 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

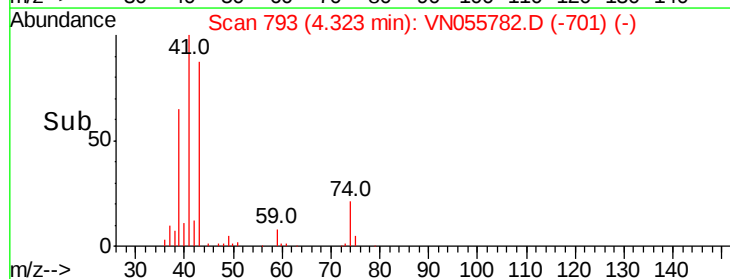
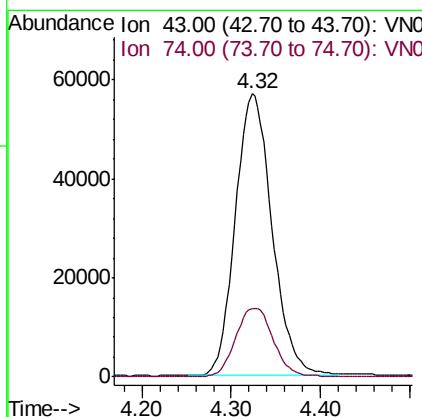
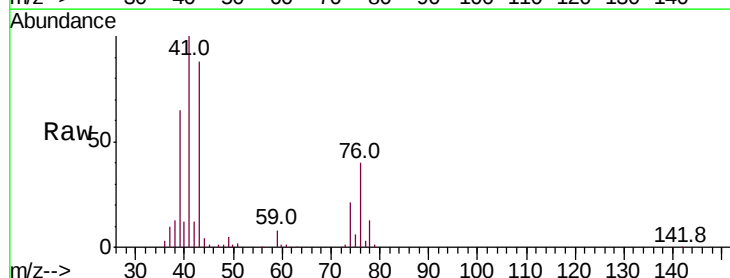
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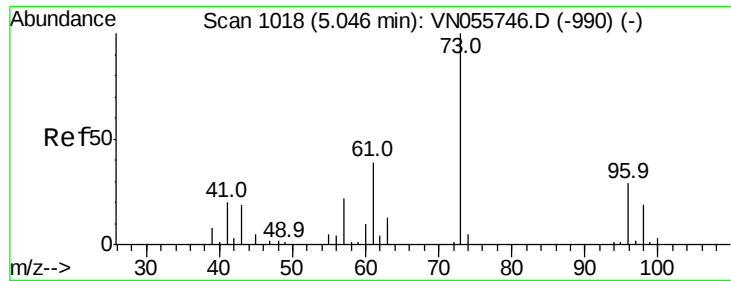
MMDadoda
5/28/2019 10:35:04 AM



#18
Methyl Acetate
Concen: 47.593 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.3	28.9





#19

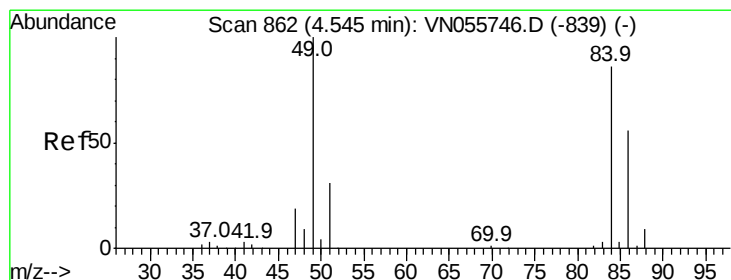
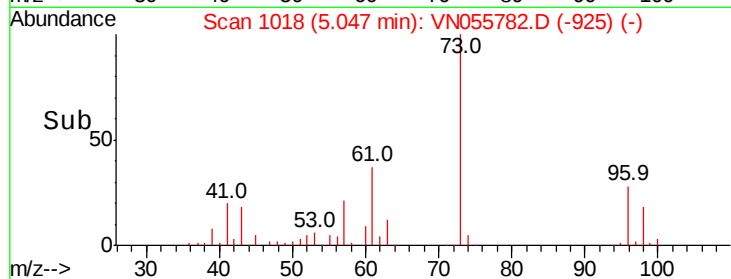
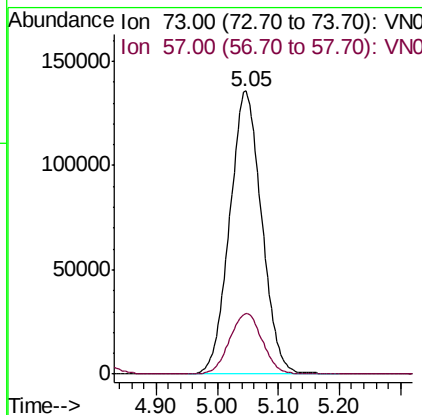
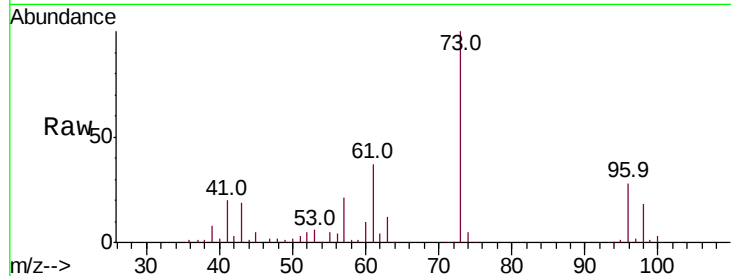
Methyl tert-butyl Ether
 Concen: 47.042 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

Manual Integrations
 APPROVED

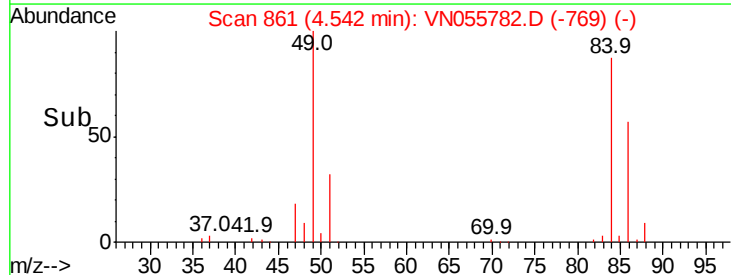
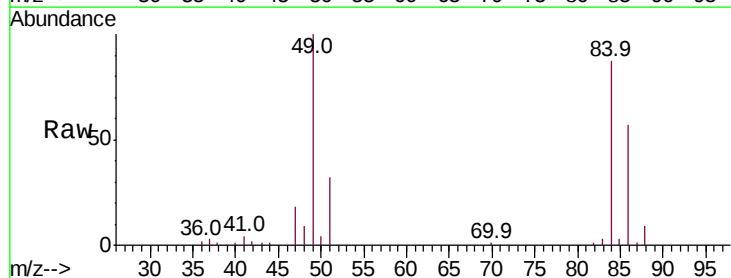
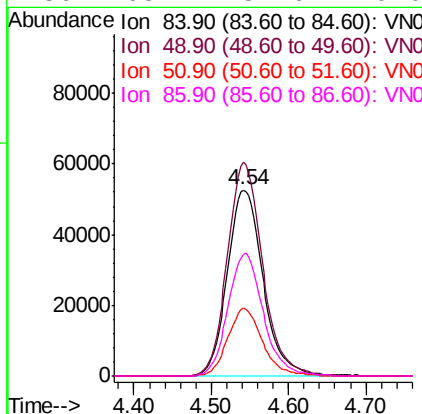
MMDadoda
 5/28/2019 10:35:04 AM

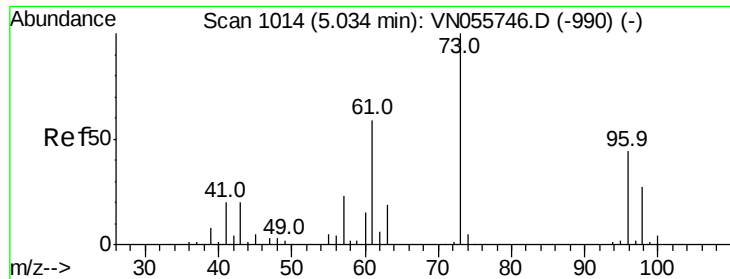


#20

Methylene Chloride
 Concen: 46.343 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	93.5	140.3
51	36.6	28.6	43.0
86	65.4	52.6	79.0





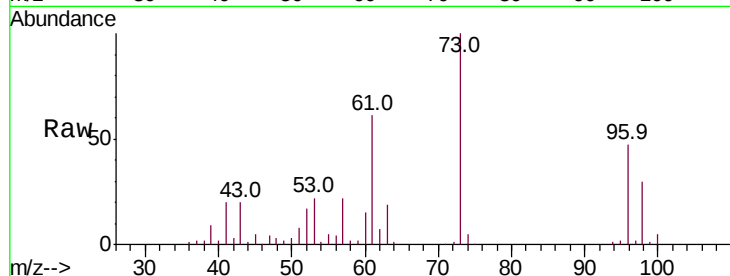
#21
trans-1,2-Dichloroethene
Concen: 47.283 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	107.8	161.8
98	63.7	49.8	74.8

Manual Integrations
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5/28/2019 10:35:04 AM

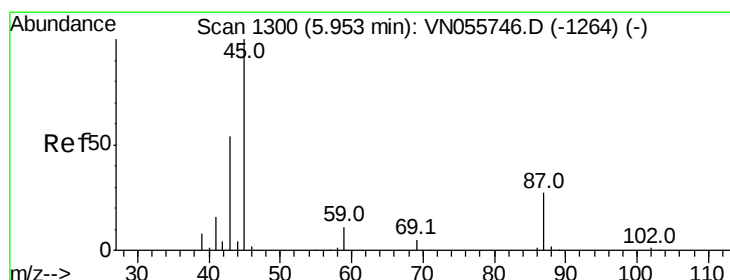
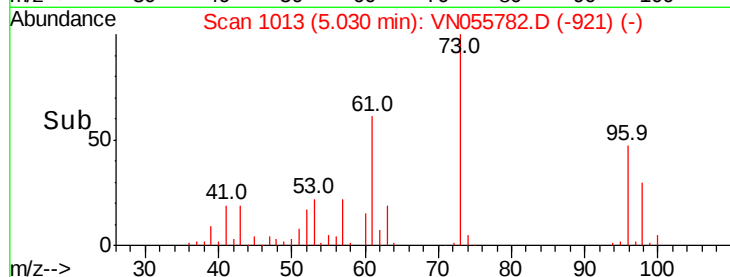
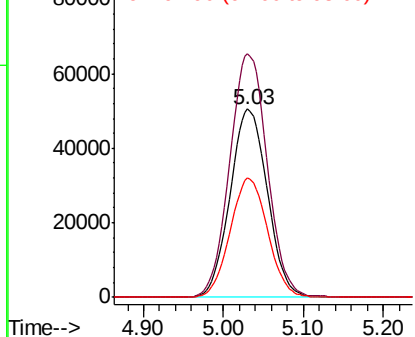


Abundance

Ion 95.90 (95.60 to 96.60): VN055746.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-990) (-)



#22
Diisopropyl ether
Concen: 46.088 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.3	45.0	67.6
87	29.6	22.2	33.4
59	12.0	9.1	13.7

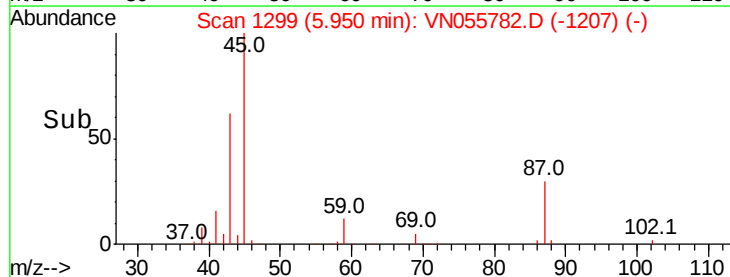
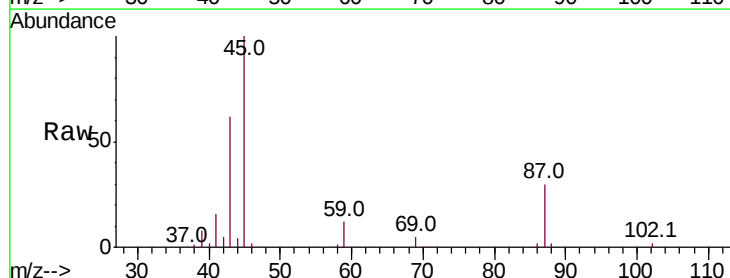
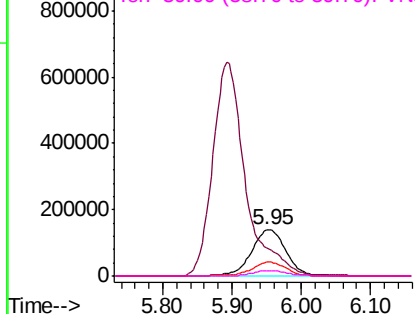
Abundance

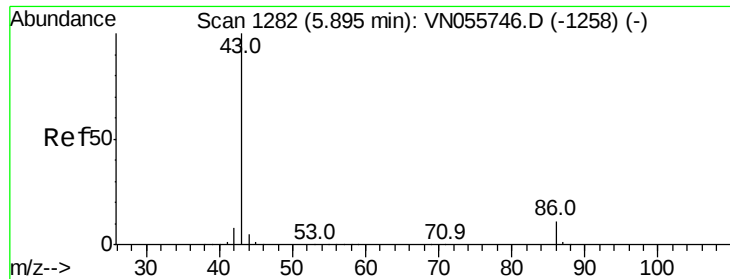
Ion 45.00 (44.70 to 45.70): VN055746.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN055746.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN055746.D (-1264) (-)





#23

Vinyl Acetate

Concen: 235.945 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

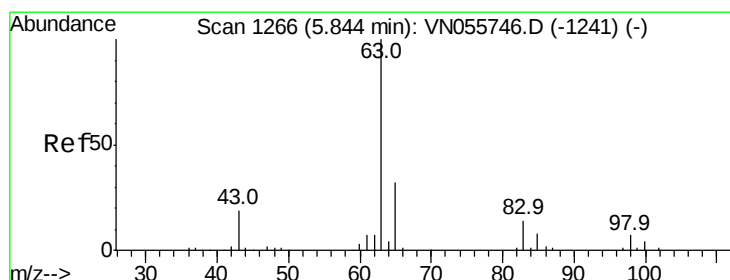
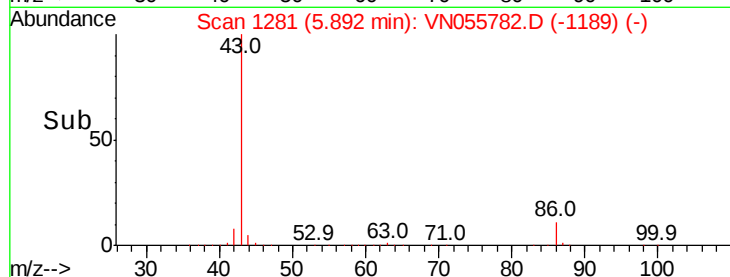
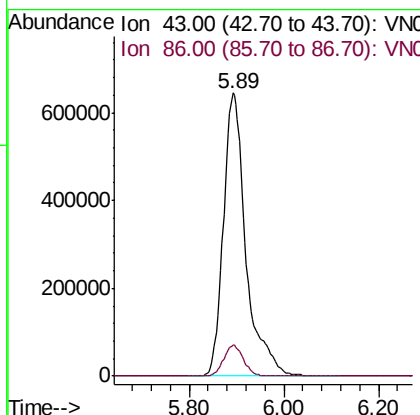
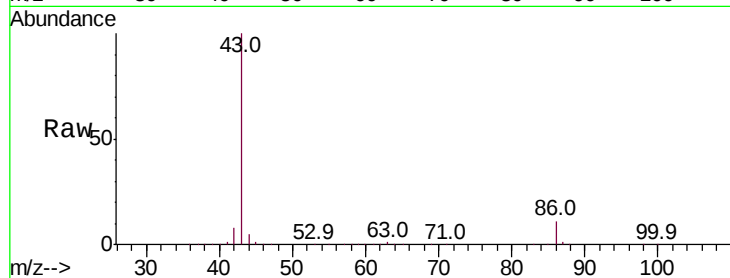
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2126804

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	13.0

Manual Integrations
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MMDadoda
5/28/2019 10:35:04 AM



#24

1,1-Dichloroethane

Concen: 46.134 ug/l

RT: 5.84 min Scan# 1266

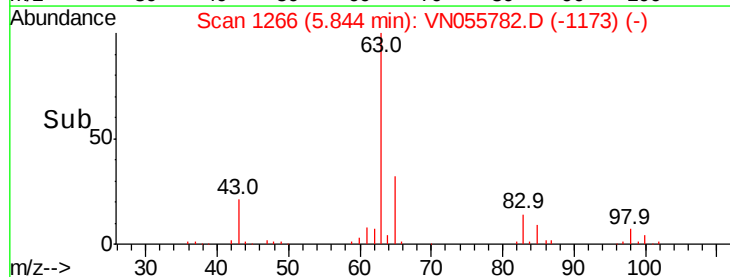
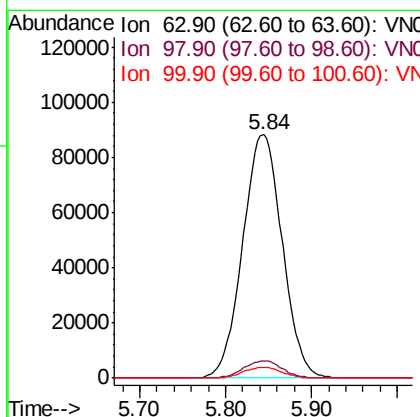
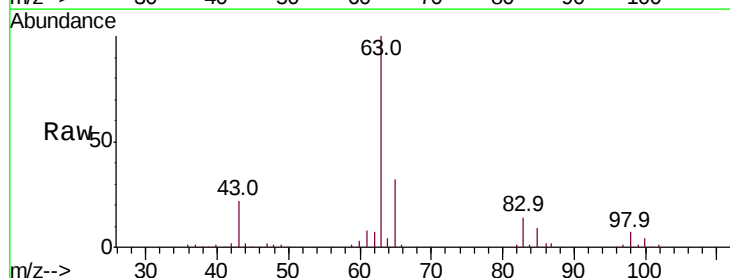
Delta R.T. 0.00 min

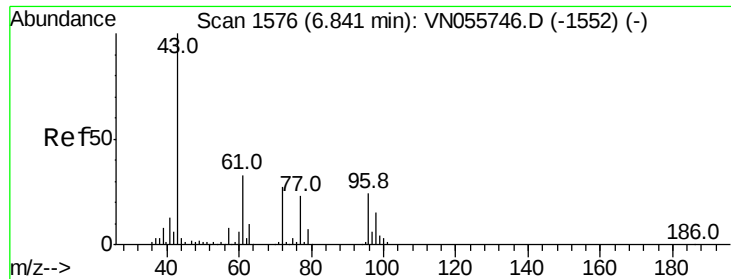
Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion: 63 Resp: 282394

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.3	2.2	6.6





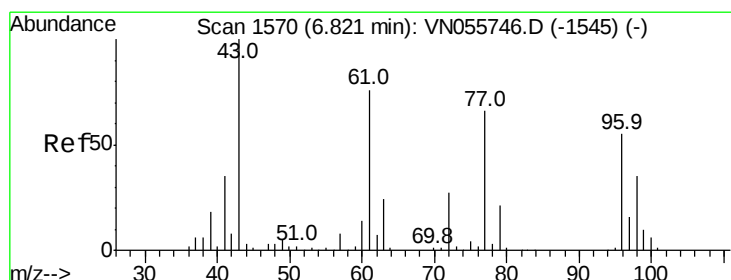
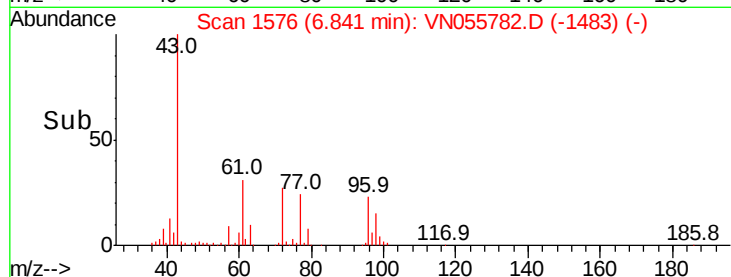
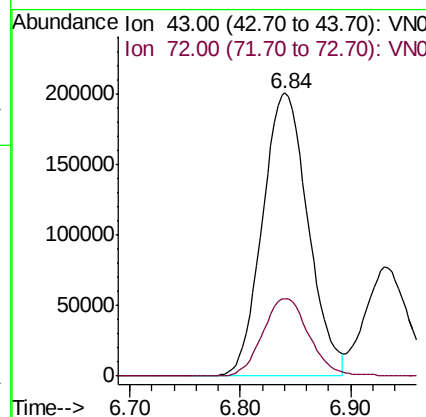
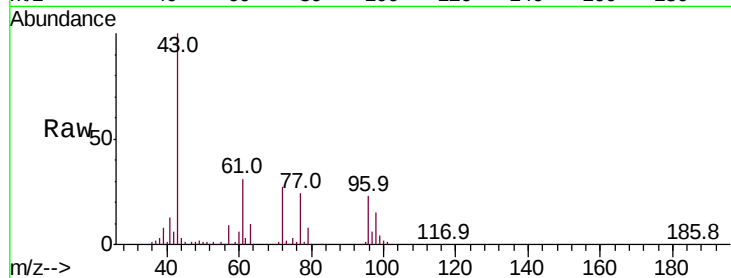
#25
2-Butanone
Concen: 243.901 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 573300
Ion Ratio Lower Upper
43 100
72 27.3 21.9 32.9

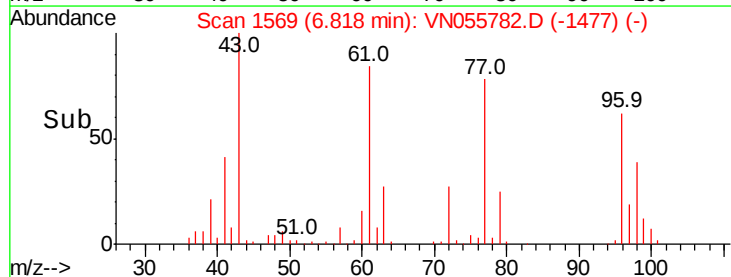
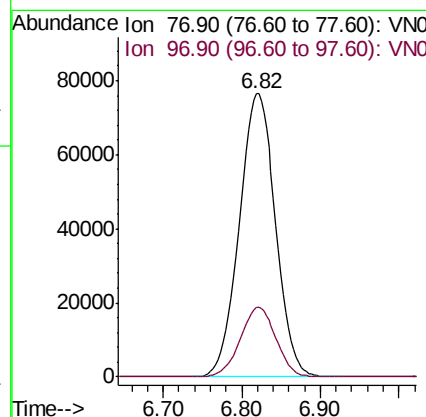
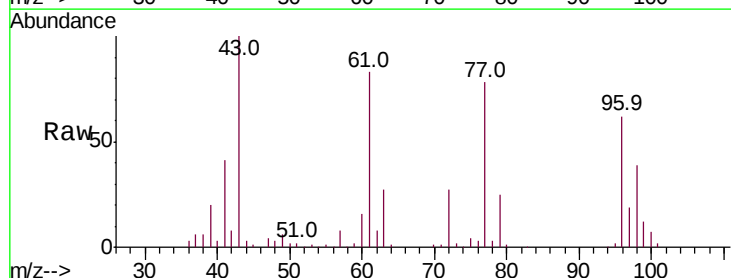
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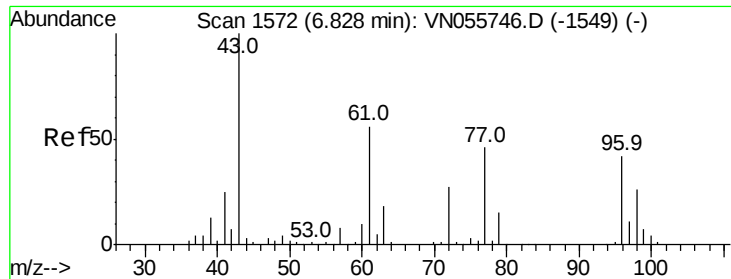
MMDadoda
5/28/2019 10:35:04 AM



#26
2,2-Dichloropropane
Concen: 46.484 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion: 77 Resp: 246253
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 47.521 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

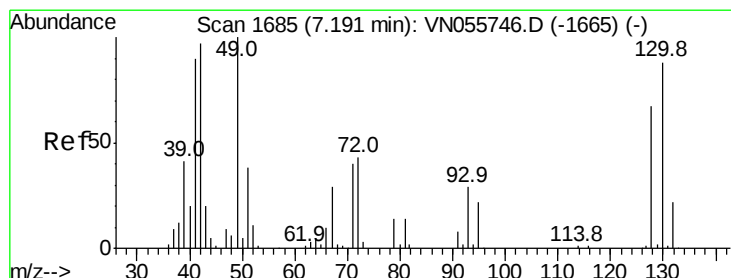
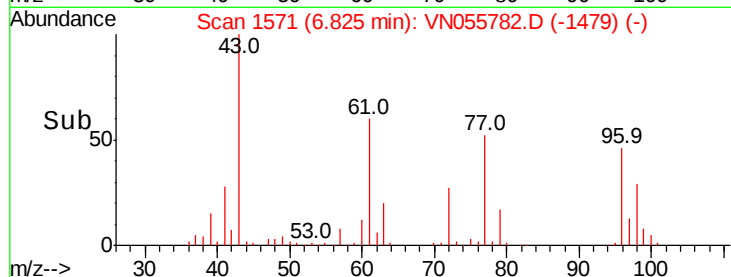
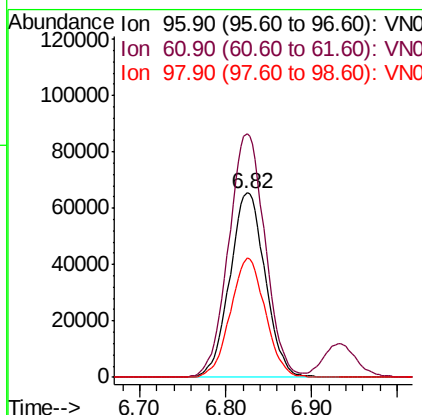
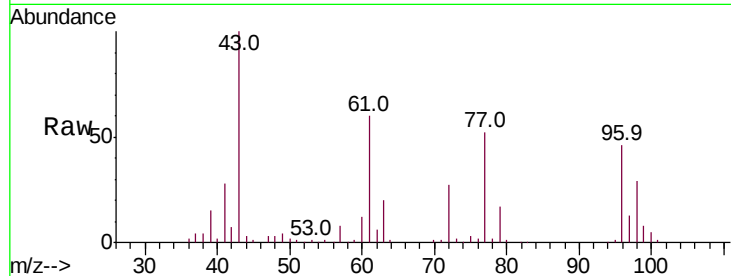
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	187809
Ion Ratio	Lower	Upper	
96	100		
61	135.6	0.0	275.8
98	63.7	0.0	128.4

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#28

Bromochloromethane

Concen: 47.682 ug/l

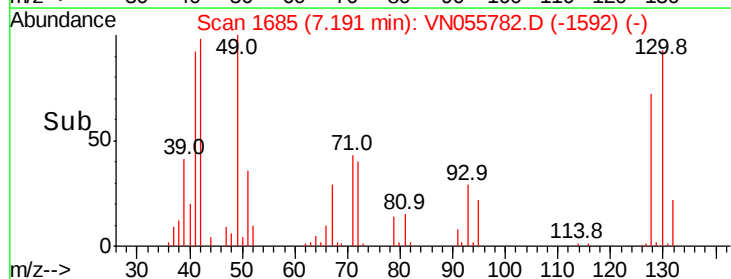
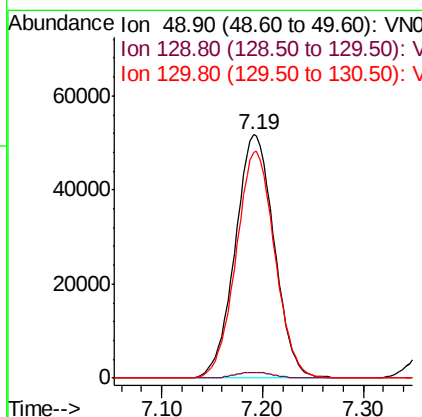
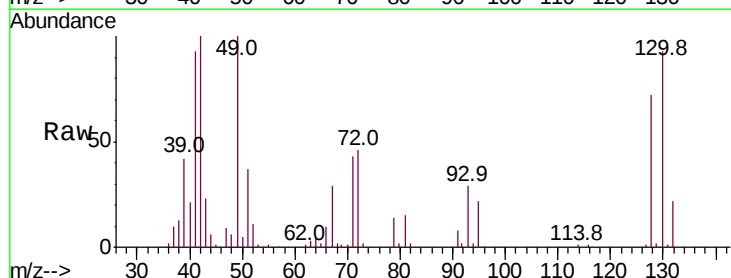
RT: 7.19 min Scan# 1685

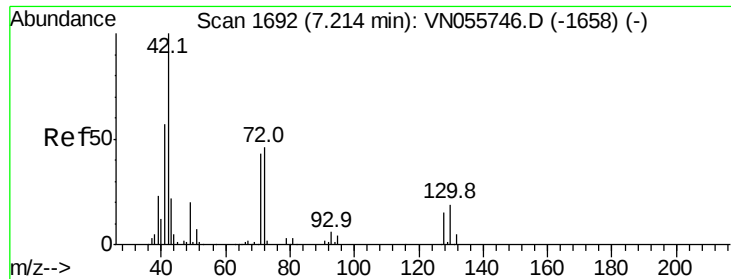
Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion:	49	Resp:	138965
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	92.4	71.2	106.8





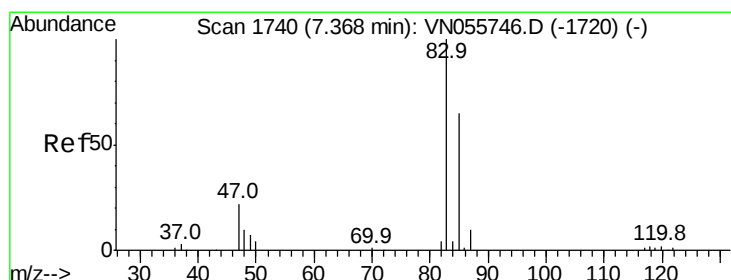
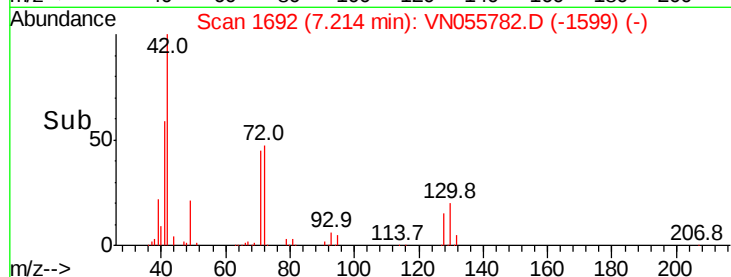
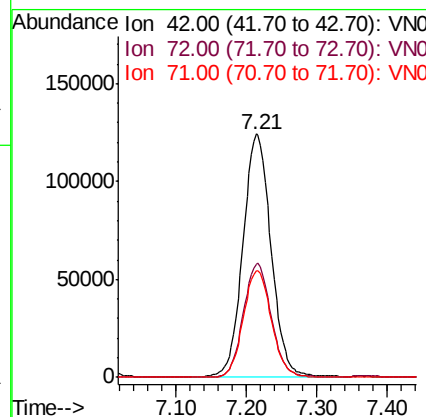
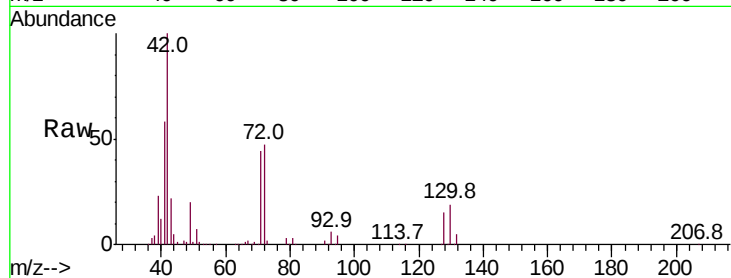
#29
Tetrahydrofuran
Concen: 231.347 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	35.9	53.9
71	43.9	34.0	51.0

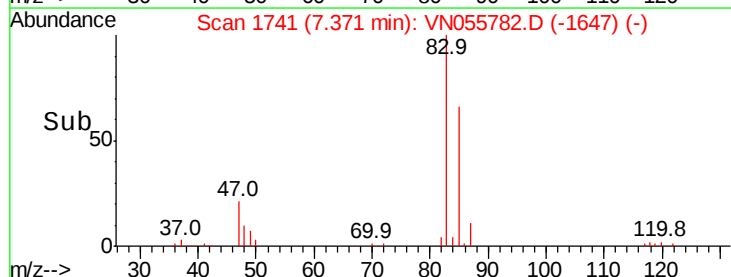
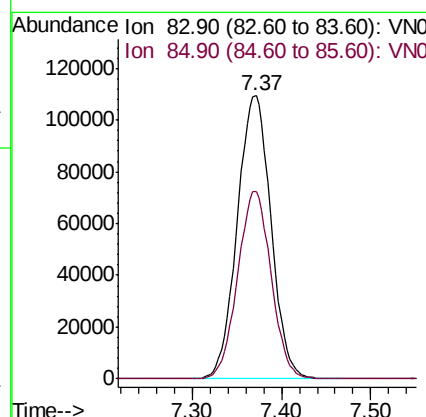
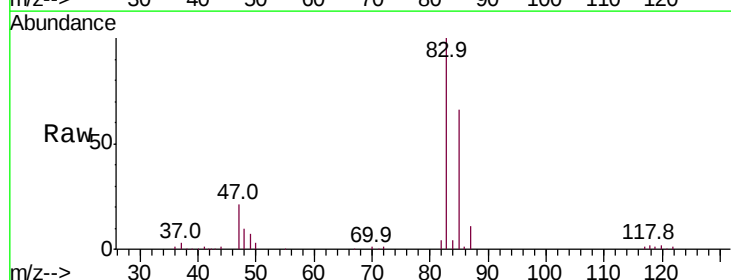
Manual Integrations
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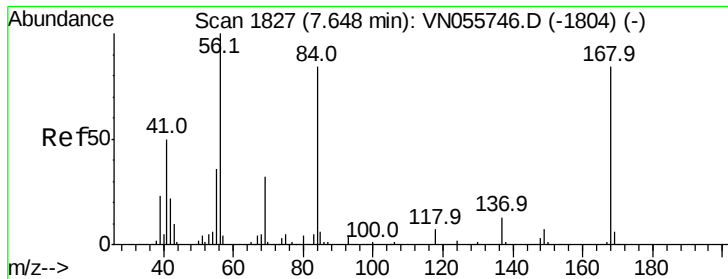
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5/28/2019 10:35:04 AM



#30
Chloroform
Concen: 47.177 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.8





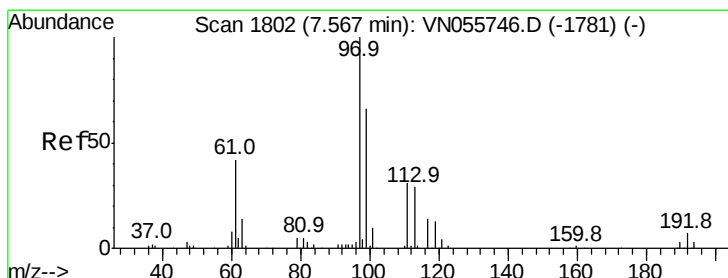
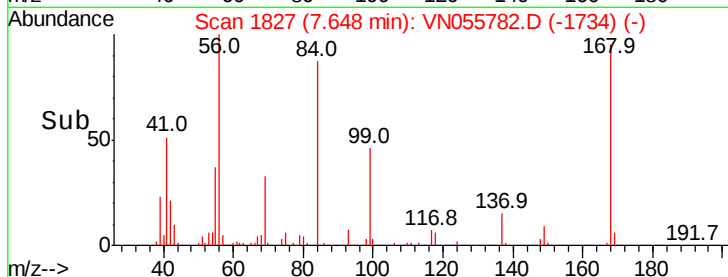
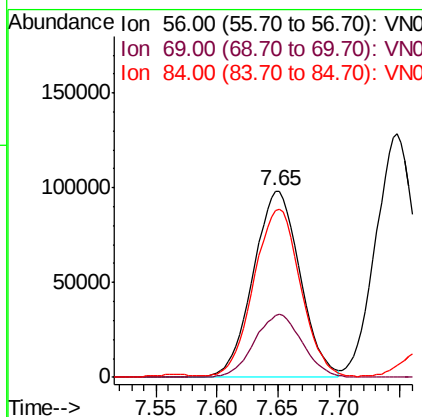
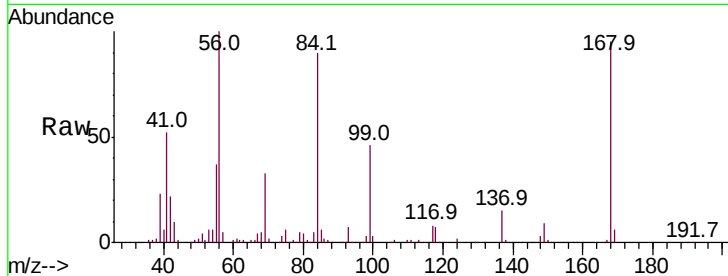
#31
Cvclohexane
Concen: 45.693 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.6	38.4
84	88.4	67.4	101.0

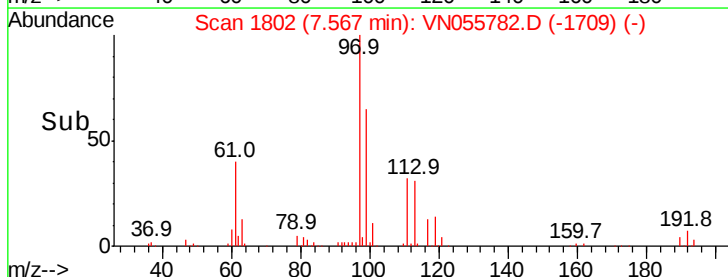
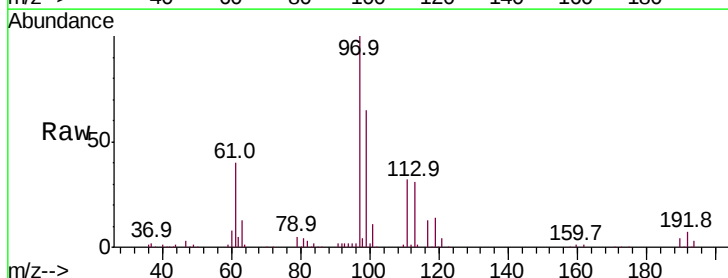
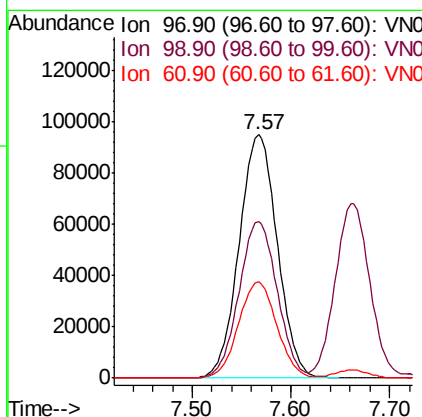
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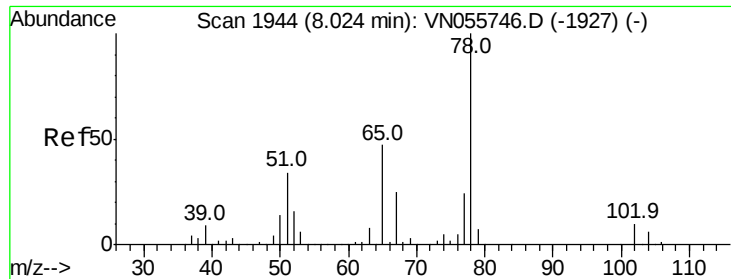
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#32
1,1,1-Trichloroethane
Concen: 46.822 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	39.6	32.9	49.3





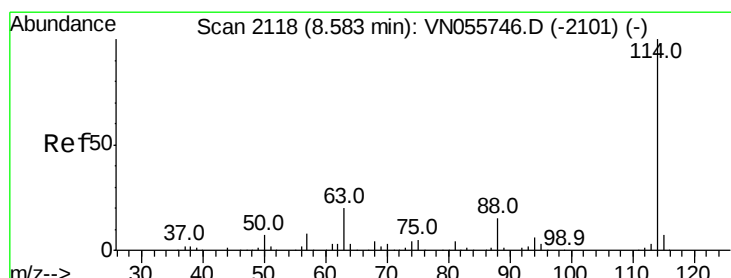
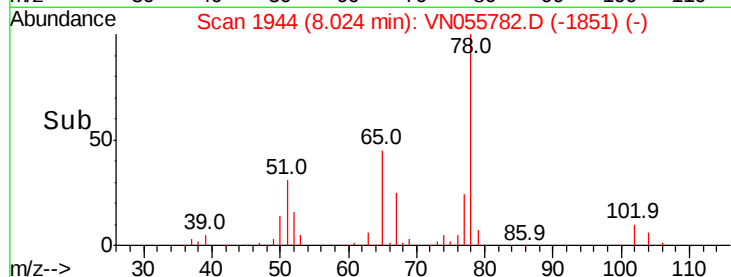
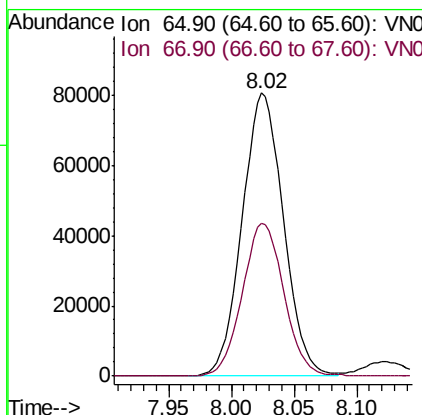
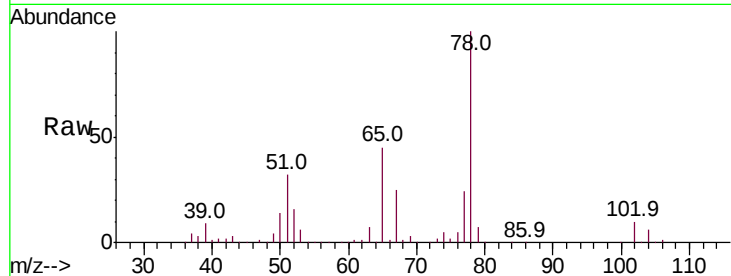
#33
 1,2-Dichloroethane-d4
 Concen: 48.406 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185340		
67	54.2	0.0	109.2	

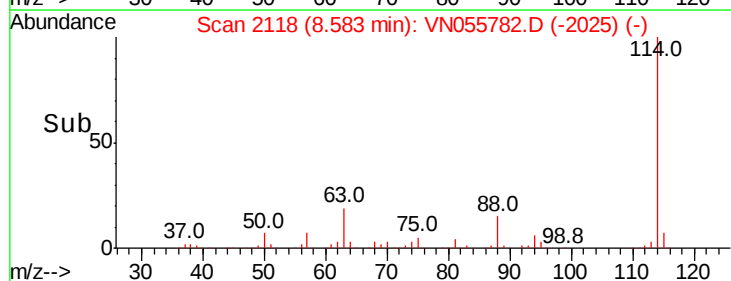
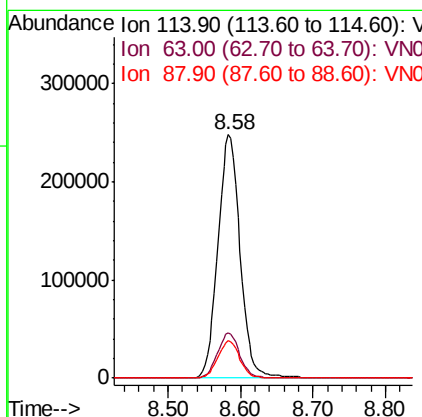
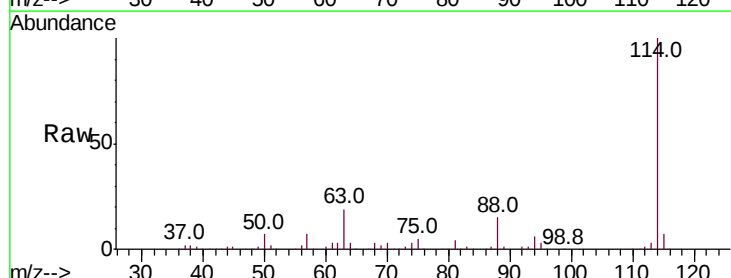
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	525630		
63	18.7	0.0	39.2	
88	15.2	0.0	31.0	





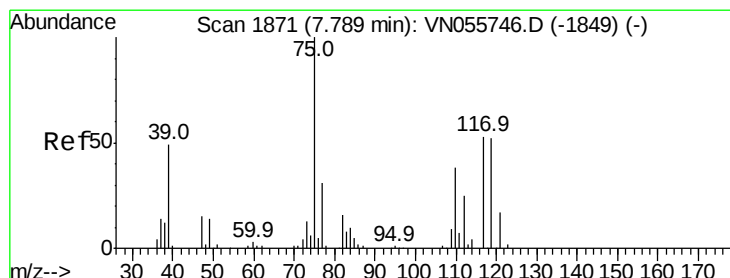
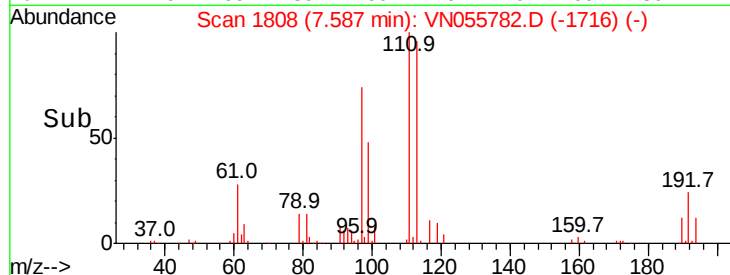
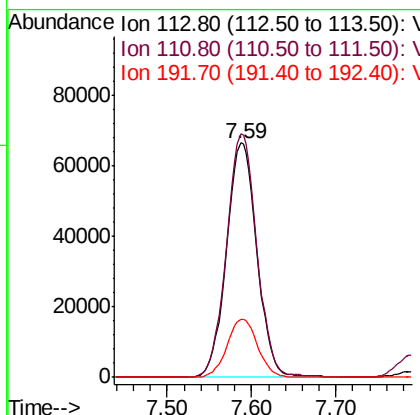
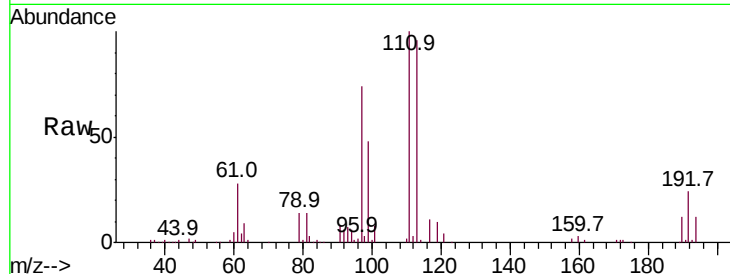
#35
 Dibromofluoromethane
 Concen: 50.037 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166283		
111	103.8	81.9	122.9	
192	24.9	19.5	29.3	

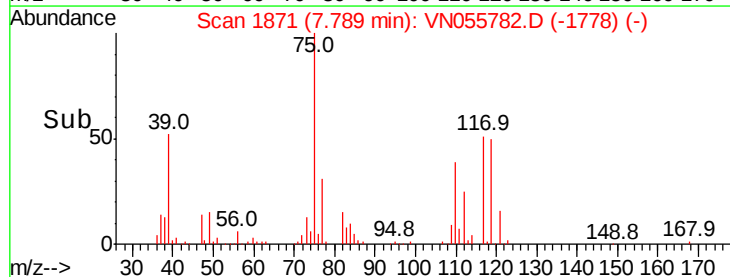
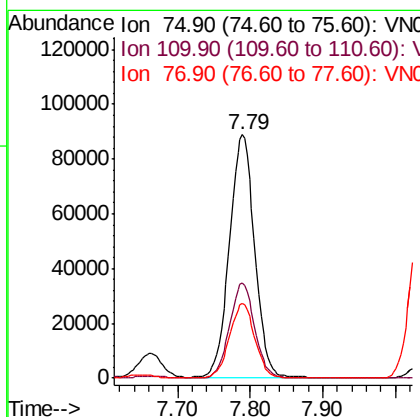
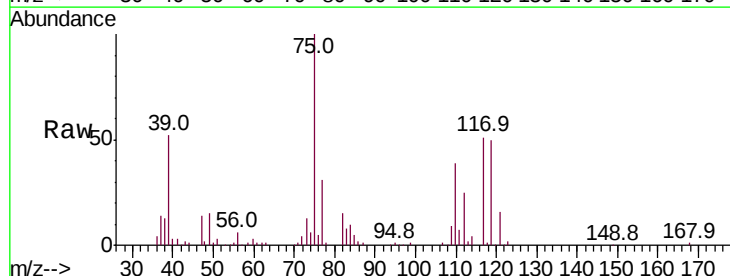
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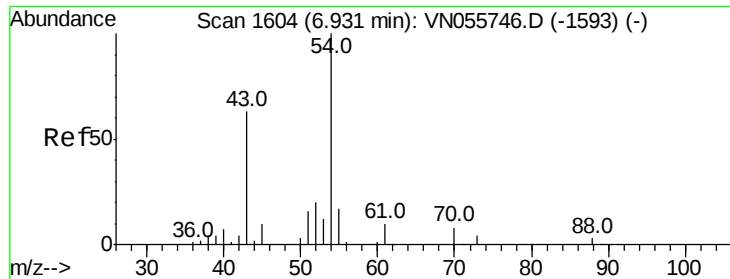
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 5/28/2019 10:35:04 AM



#36
 1,1-Dichloropropene
 Concen: 47.321 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216760		
110	38.4	19.0	57.0	
77	30.6	25.1	37.7	





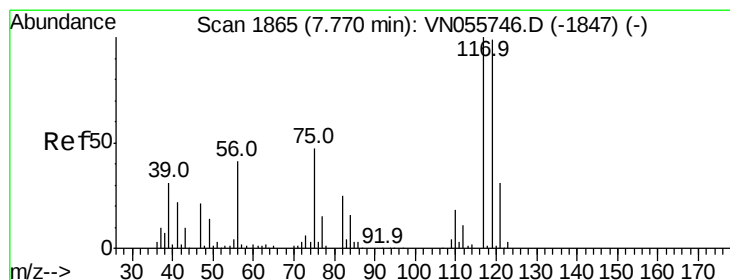
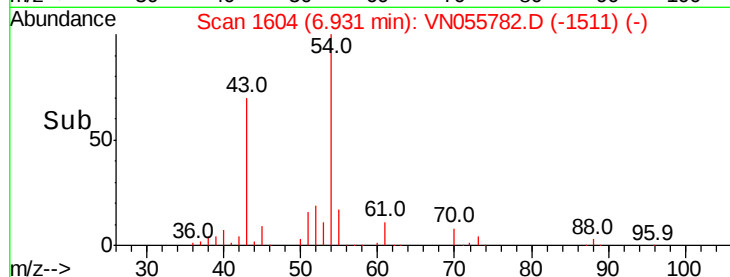
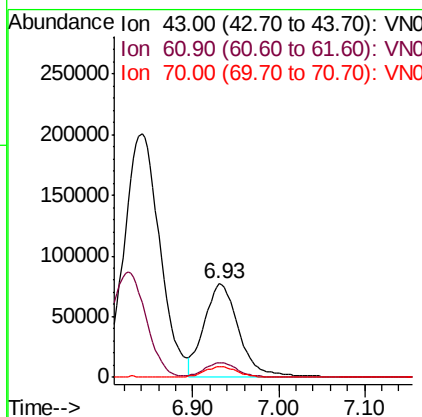
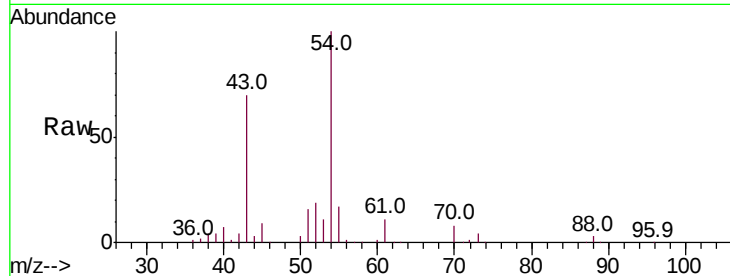
#37
Ethyl Acetate
Concen: 48.273 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Ratio	100	Resp	213714
Ion	43	100		Lower	Upper
	61	15.3		12.2	18.2
	70	11.3		8.9	13.3

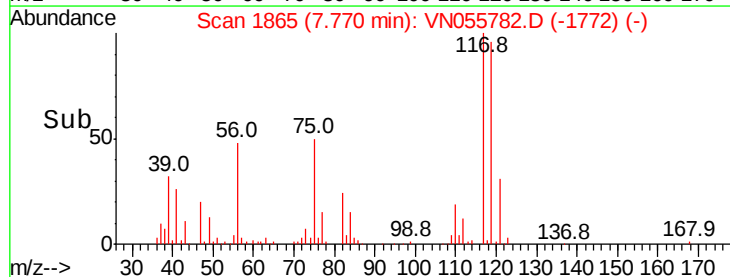
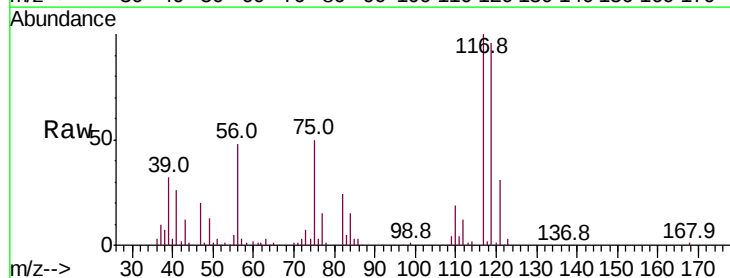
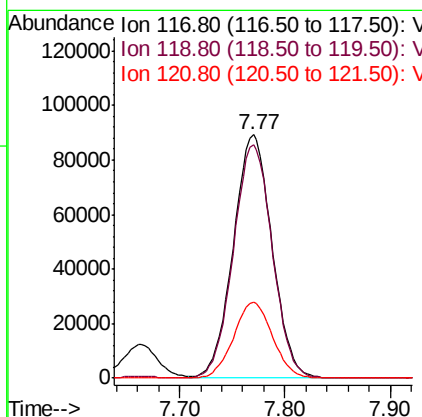
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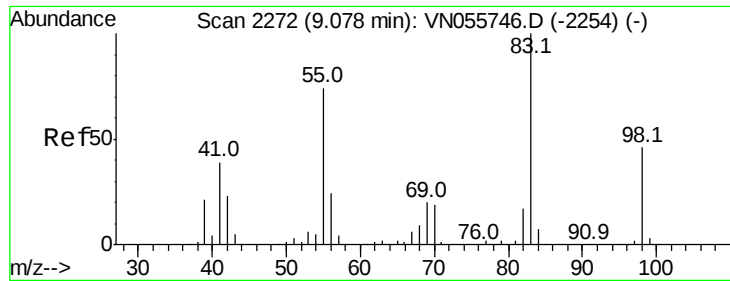
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#38
Carbon Tetrachloride
Concen: 47.527 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	117	Ratio	100	Resp	226768
Ion	117	100		Lower	Upper
	119	96.2		79.0	118.6
	121	31.3		24.7	37.1





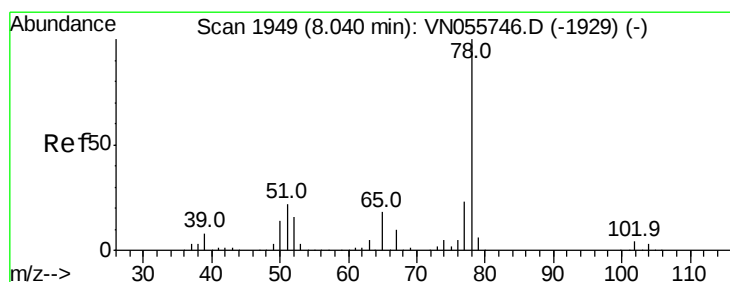
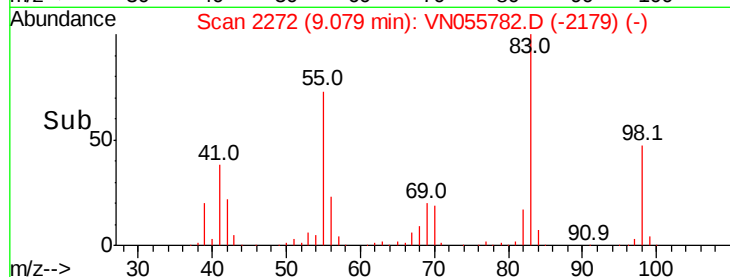
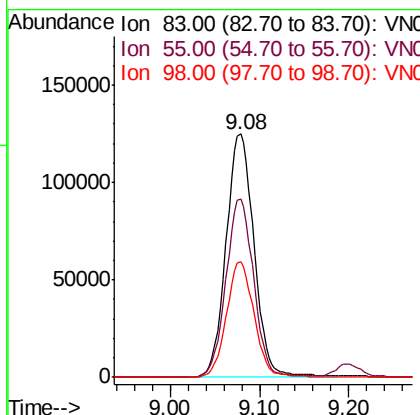
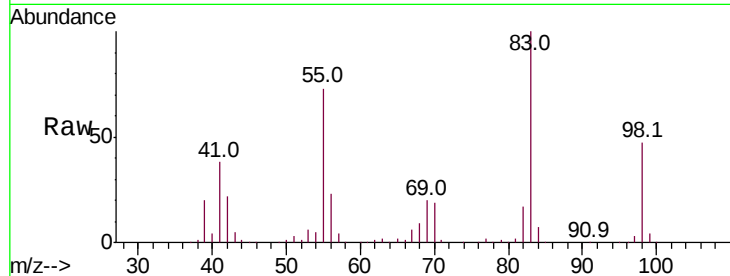
#39
Methvlcvclohexane
Concen: 48.139 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	273062
Ion Ratio	100	Lower	Upper
83	100		
55	73.2	59.3	88.9
98	47.4	36.6	54.8

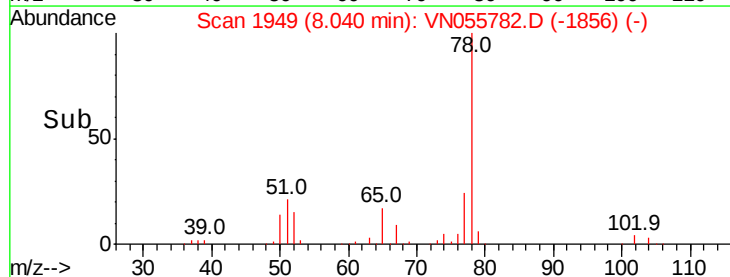
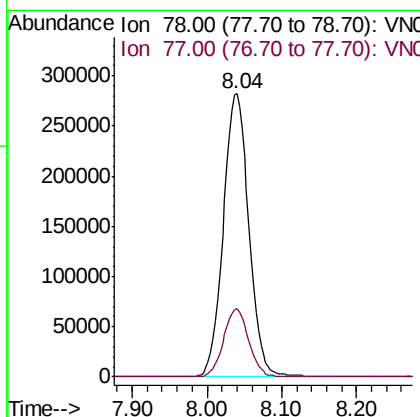
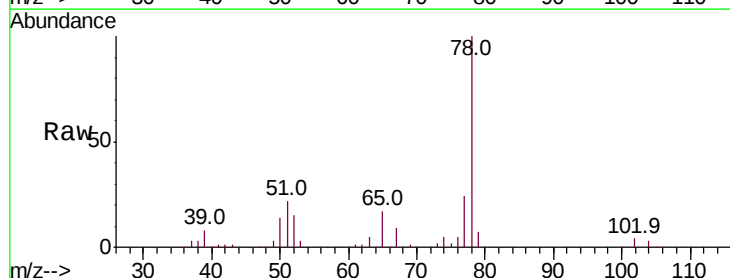
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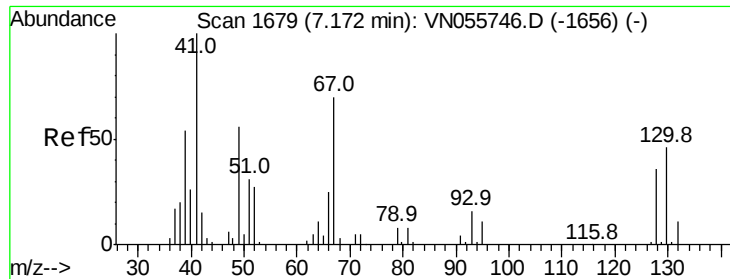
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#40
Benzene
Concen: 48.340 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	78	Resp	667342
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.8	28.2





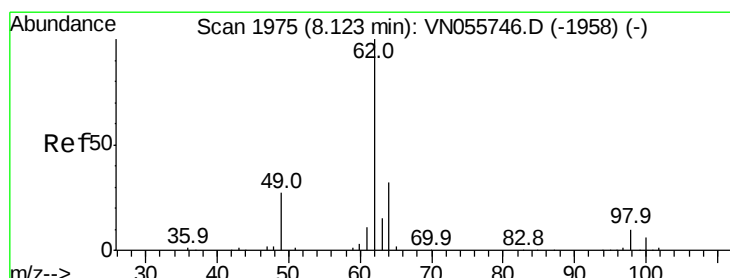
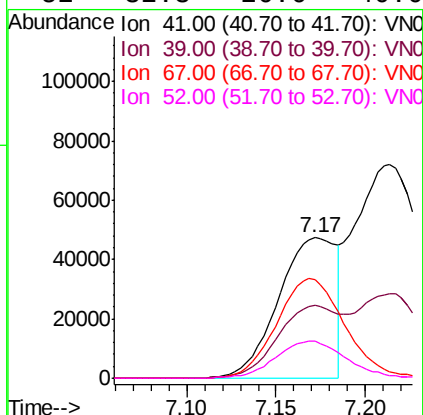
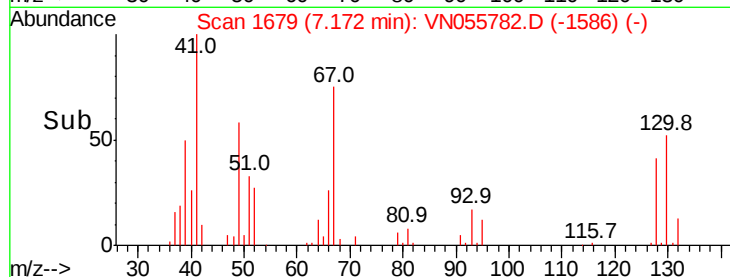
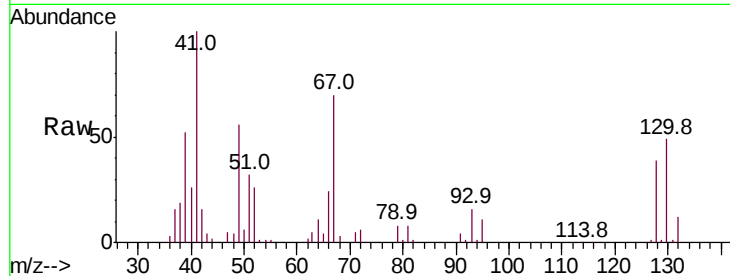
#41
Methacrylonitrile
Concen: 47.965 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	45.6	68.4	
67	83.8	67.7	101.5	
52	32.3	26.6	40.0	

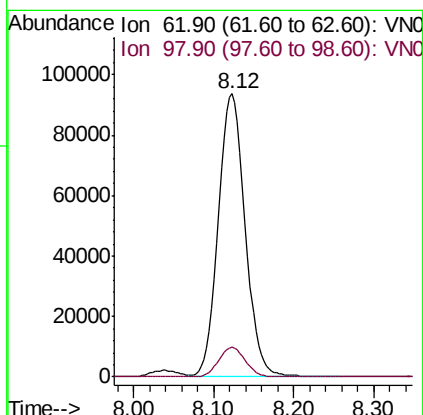
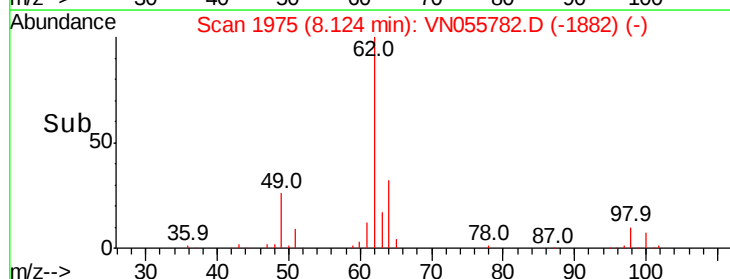
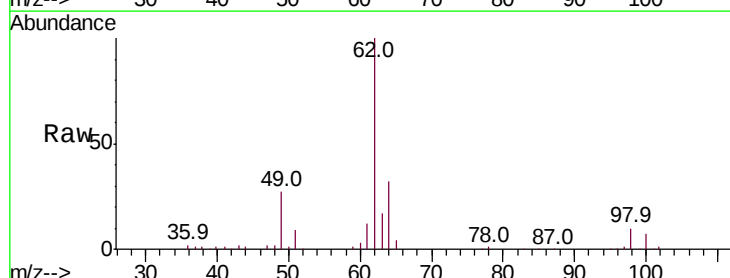
Manual Integrations
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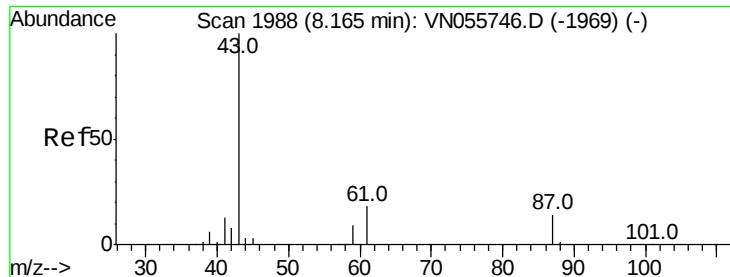
MMDadoda
5/28/2019 10:35:04 AM



#42
1,2-Dichloroethane
Concen: 48.074 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.2	





#43

Isopropyl Acetate

Concen: 46.975 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

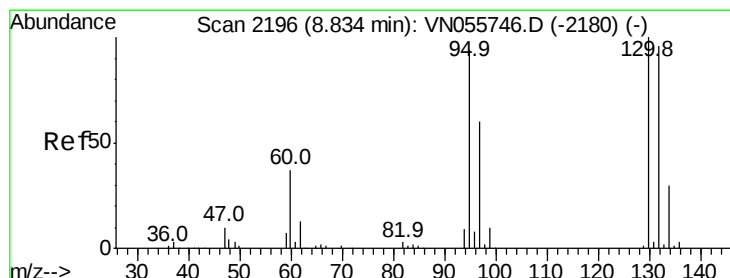
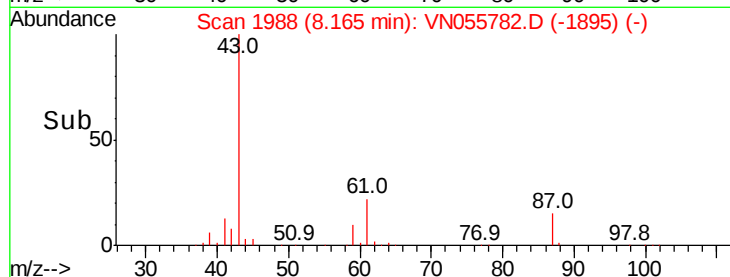
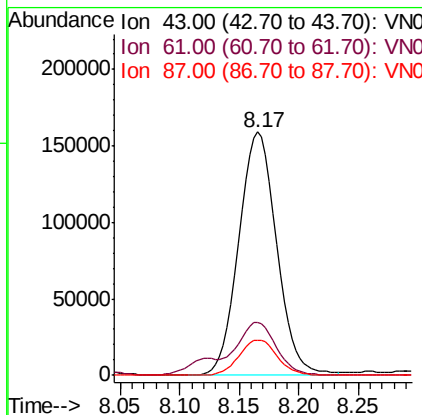
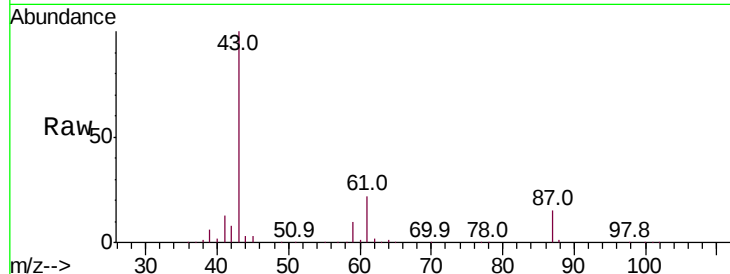
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	349424
Ion Ratio	Lower	Upper	
43	100		
61	21.7	22.2	33.4#
87	14.7	11.4	17.2

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#44

Trichloroethene

Concen: 50.347 ug/l

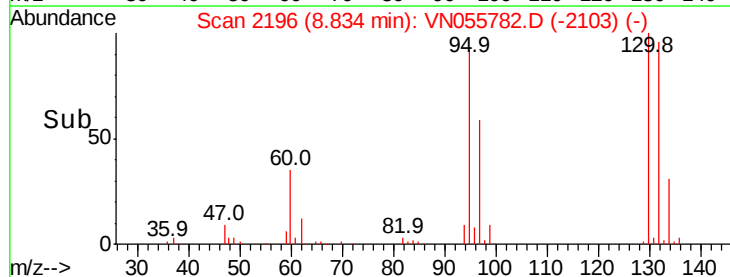
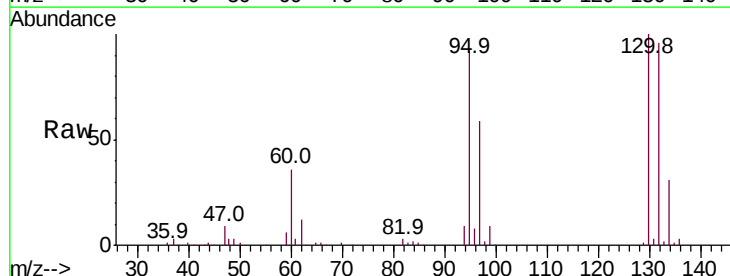
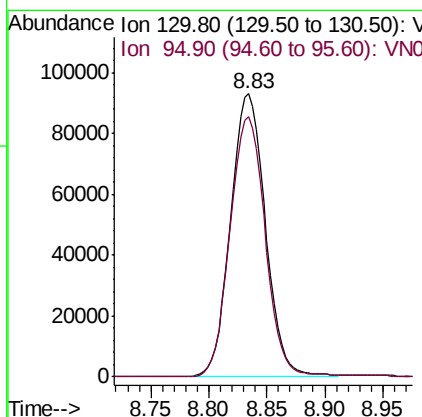
RT: 8.83 min Scan# 2196

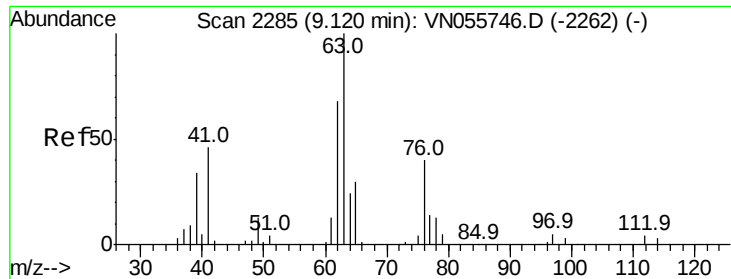
Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion:	130	Resp:	193767
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	188.0





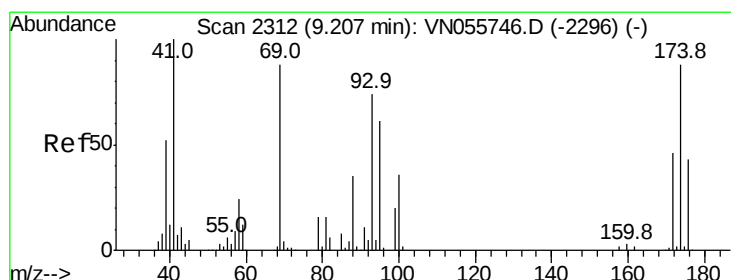
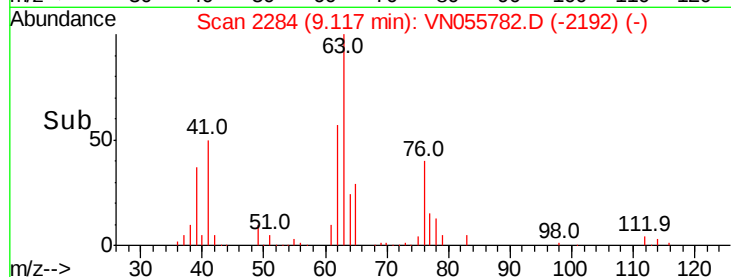
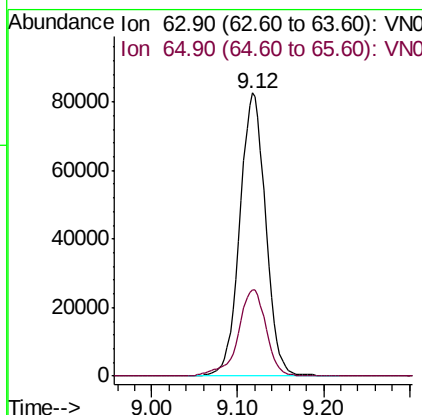
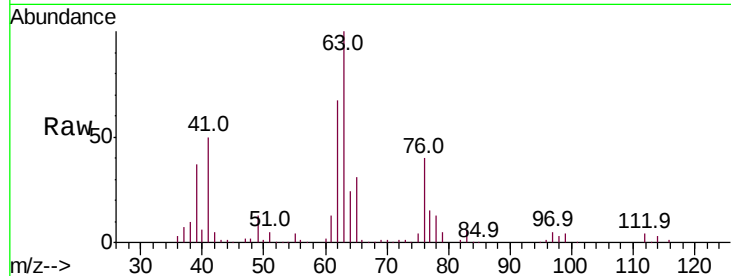
#45
 1,2-Dichloropropane
 Concen: 48.002 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 172657
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8

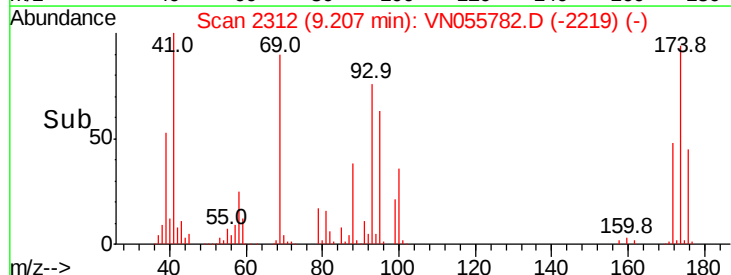
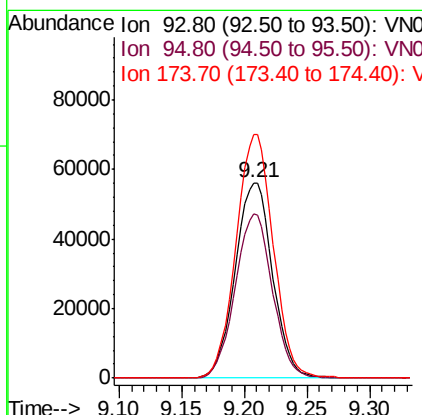
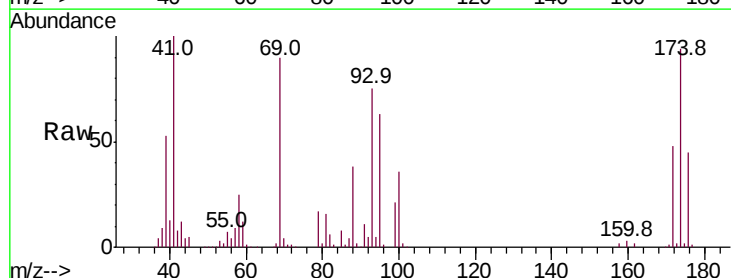
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#46
 Dibromomethane
 Concen: 49.407 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion: 93 Resp: 116544
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 124.2 96.4 144.6





#47

Bromodichloromethane

Concen: 47.945 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

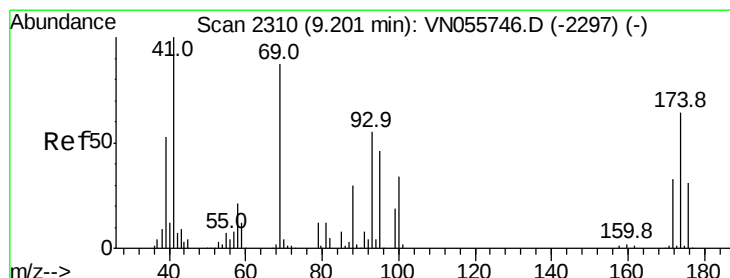
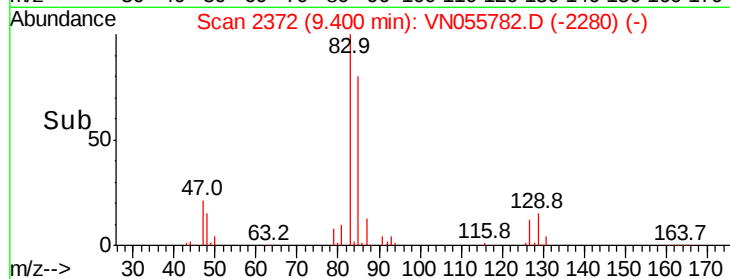
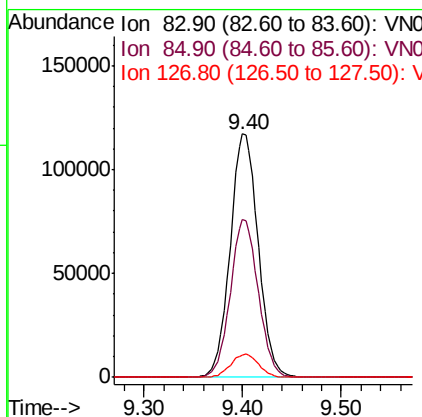
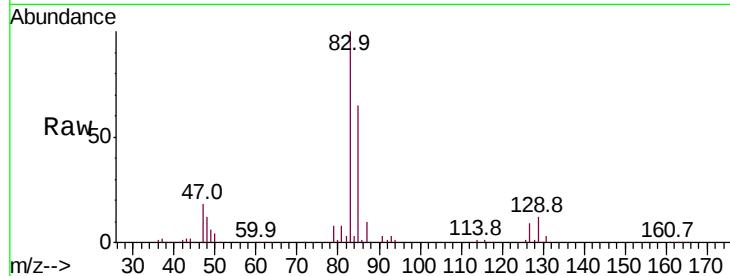
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	231903
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.2	78.2
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 50.017 ug/l

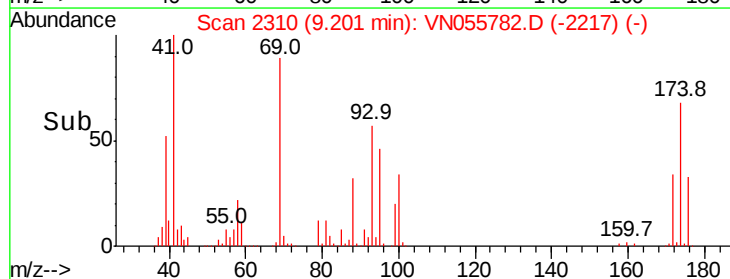
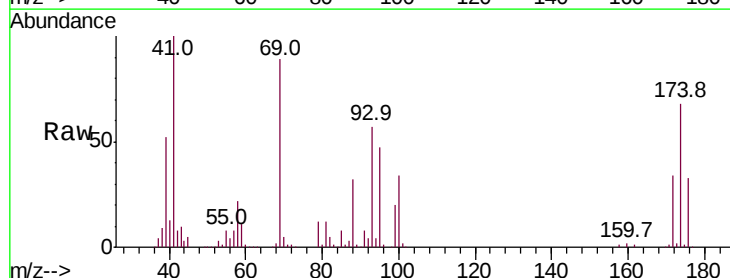
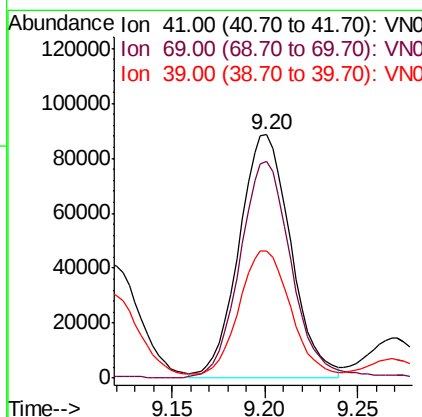
RT: 9.20 min Scan# 2310

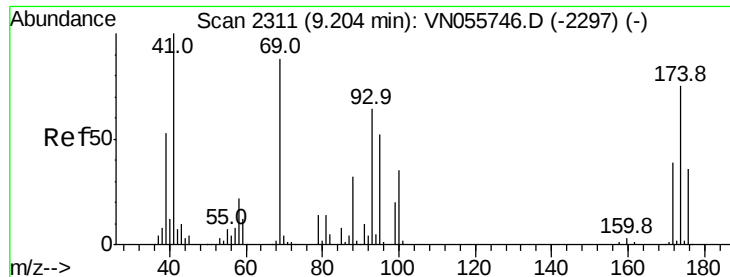
Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion:	41	Resp:	171469
Ion Ratio	Lower	Upper	
41	100		
69	88.6	71.0	106.6
39	52.8	44.2	66.2





#49

1,4-Dioxane

Concen: 986.988 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 88 Resp: 70314

Ion Ratio Lower Upper

88 100

43 25.4 20.5 30.7

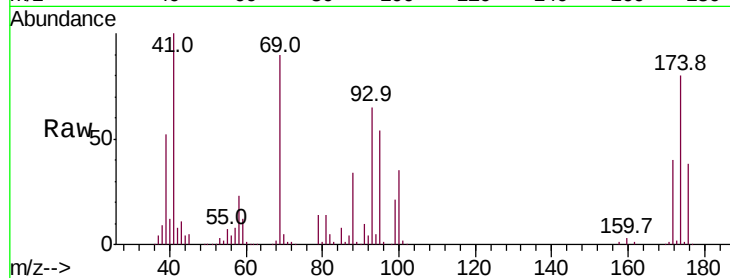
58 68.2 55.8 83.6

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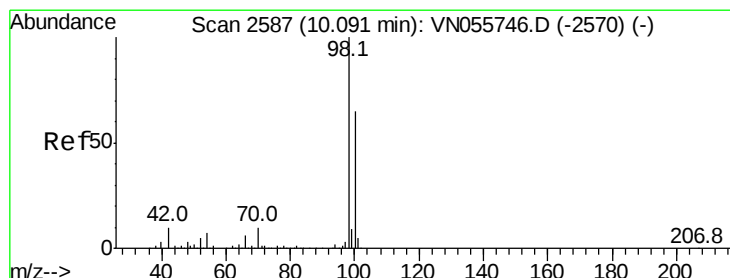
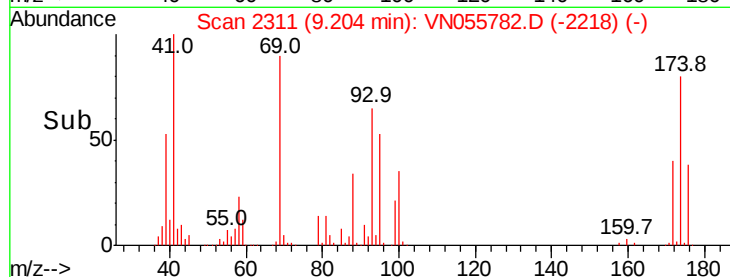
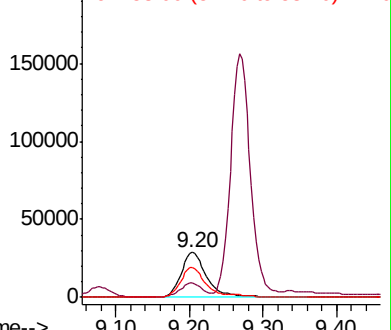


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.100 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055782.D

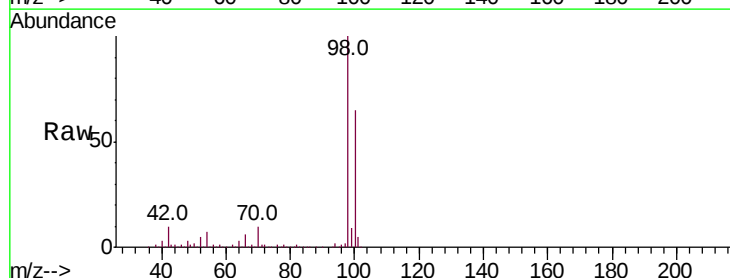
Acq: 24 May 2019 9:21

Tgt Ion: 98 Resp: 638655

Ion Ratio Lower Upper

98 100

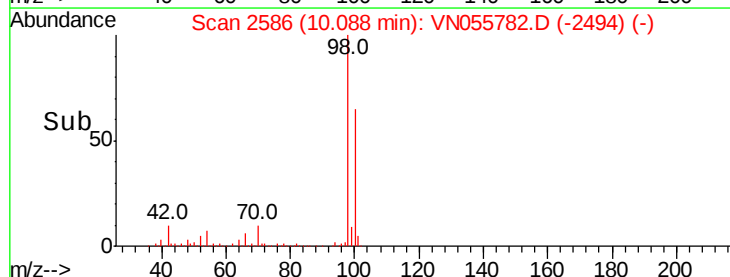
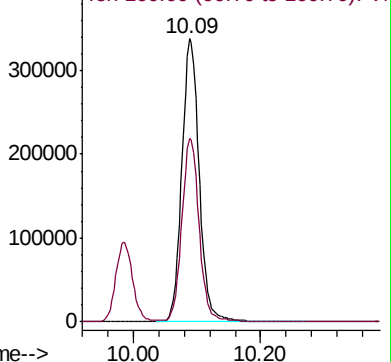
100 64.8 51.9 77.9

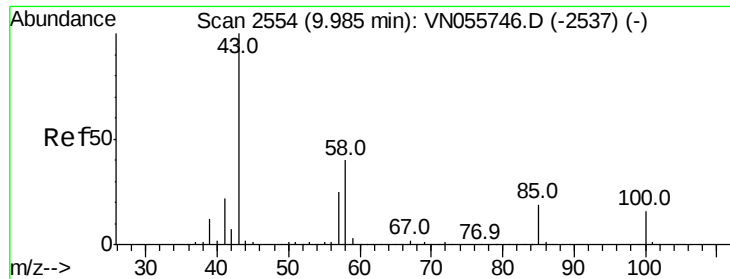


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 245.737 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1079564

Ion Ratio Lower Upper

43 100

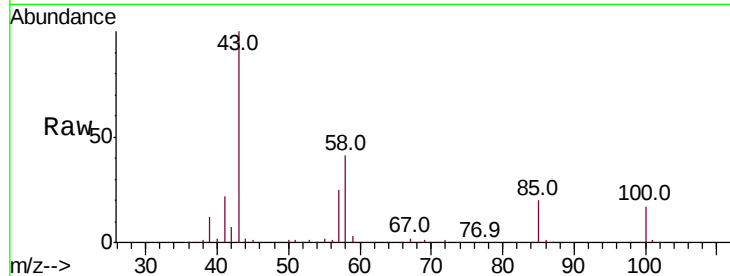
58 40.5 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

400000

200000

0

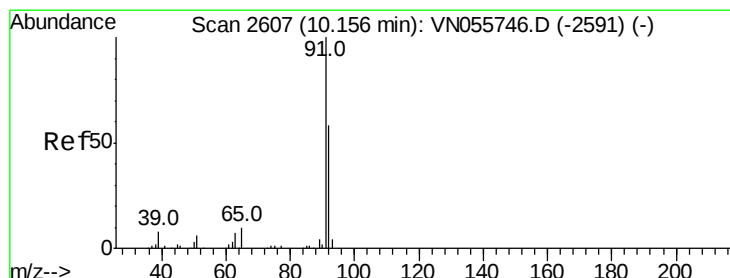
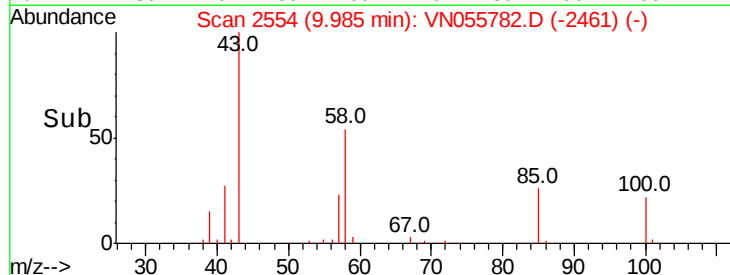
9.90

9.99

10.00

10.10

Time-->



#52

Toluene

Concen: 49.152 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055782.D

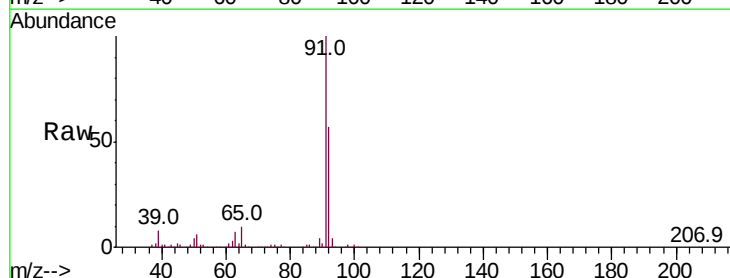
Acq: 24 May 2019 9:21

Tgt Ion: 92 Resp: 426761

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

200000

100000

0

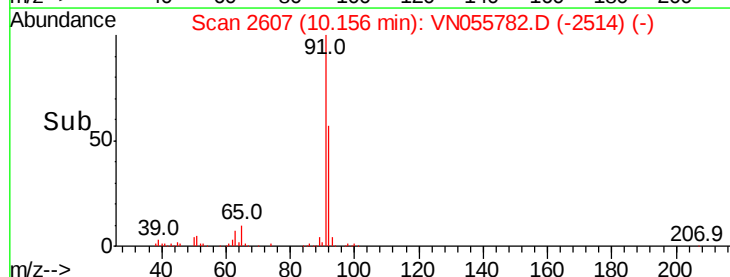
10.10

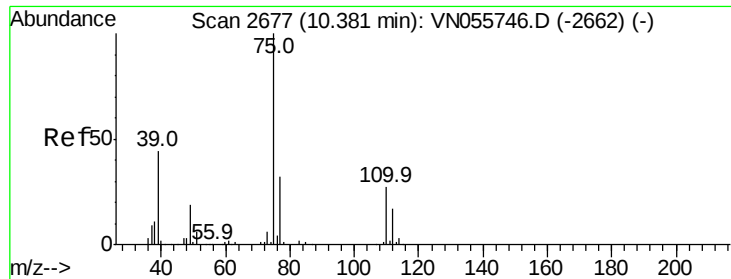
10.16

10.20

10.30

Time-->





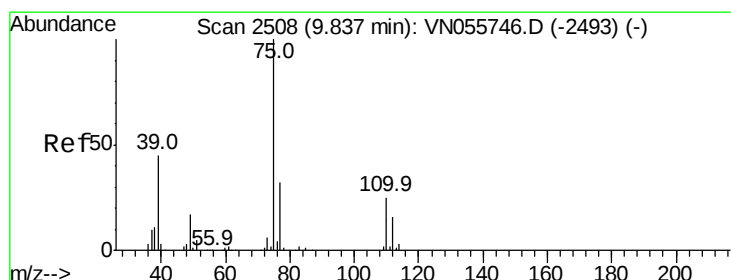
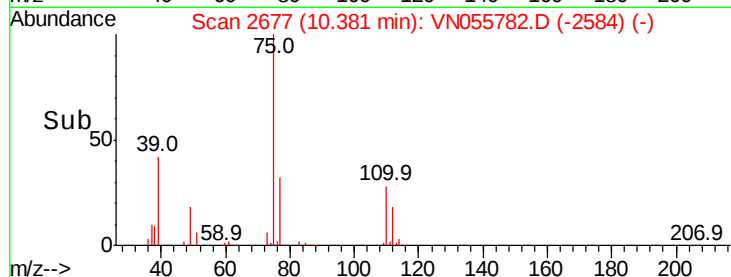
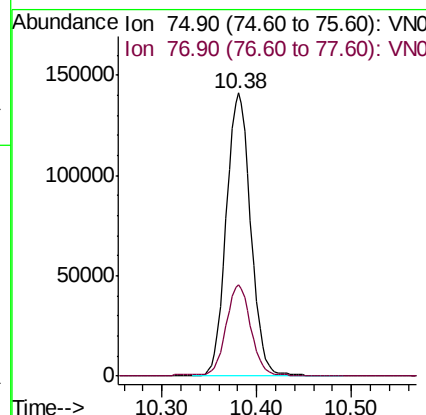
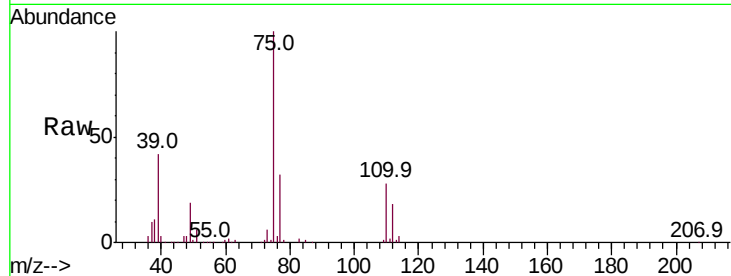
#53
 t-1,3-Dichloropropene
 Concen: 49.204 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 254038
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6

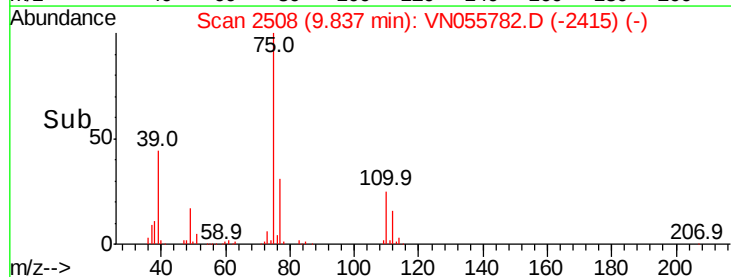
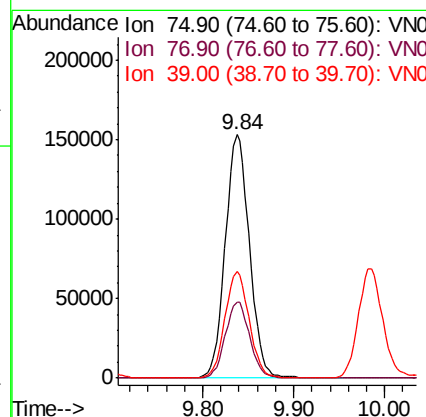
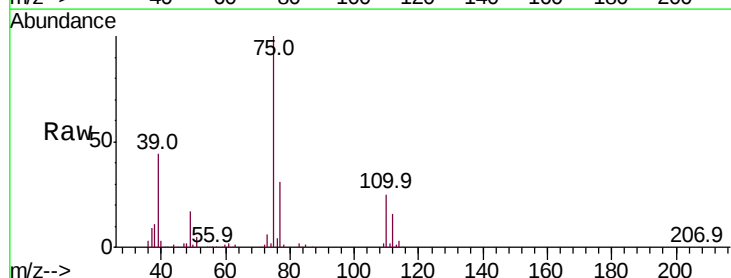
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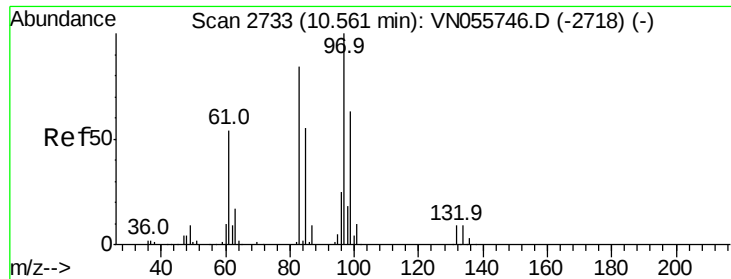
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#54
 cis-1,3-Dichloropropene
 Concen: 49.354 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion: 75 Resp: 282288
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 43.6 36.3 54.5





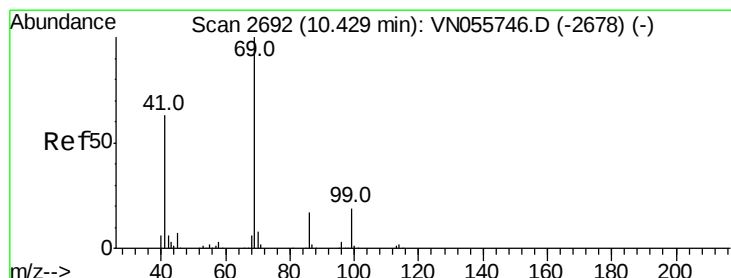
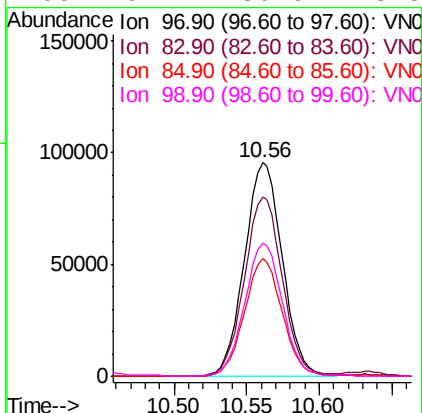
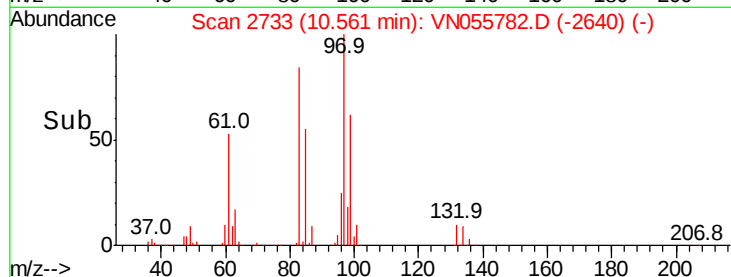
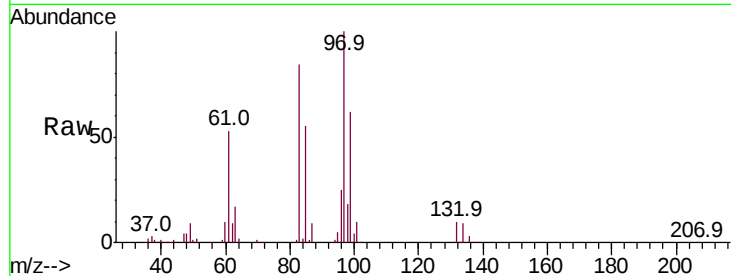
#55
 1,1,2-Trichloroethane
 Concen: 50.011 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	173952
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.0	100.6
85	55.0	44.0	66.0
99	62.2	50.6	75.8

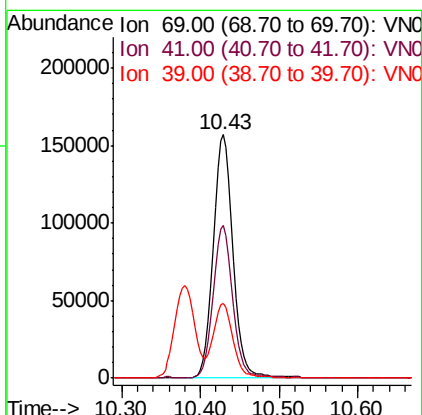
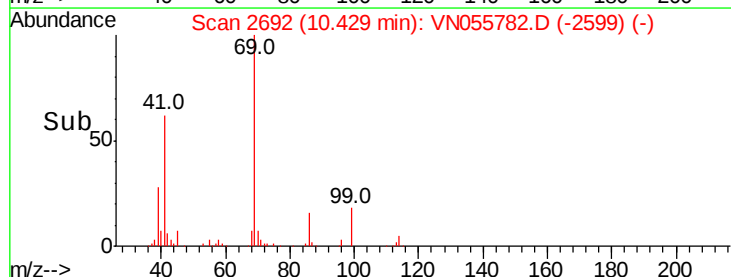
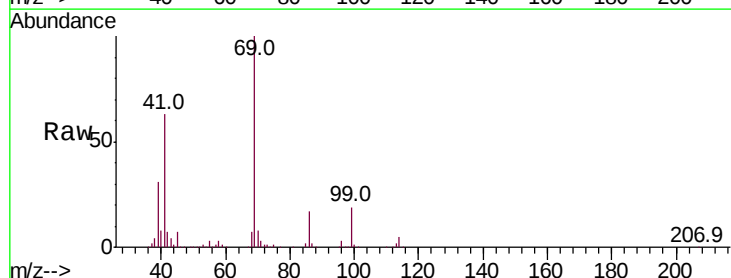
Manual Integrations
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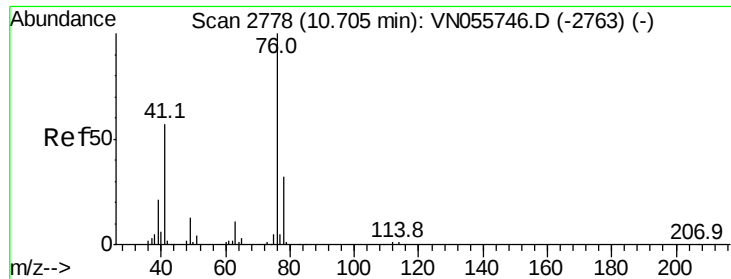
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#56
 Ethyl methacrylate
 Concen: 50.485 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion:	69	Resp:	271390
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	30.2	24.7	37.1





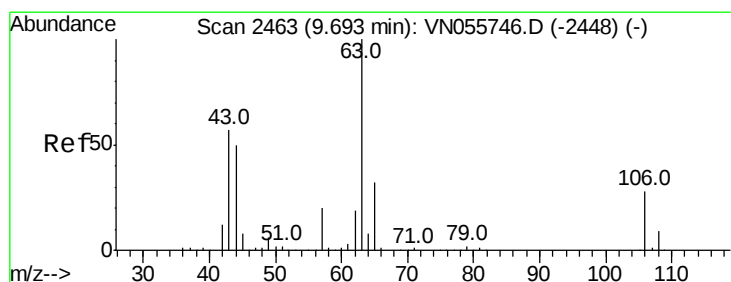
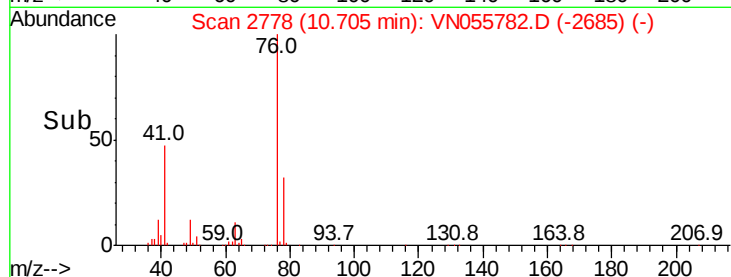
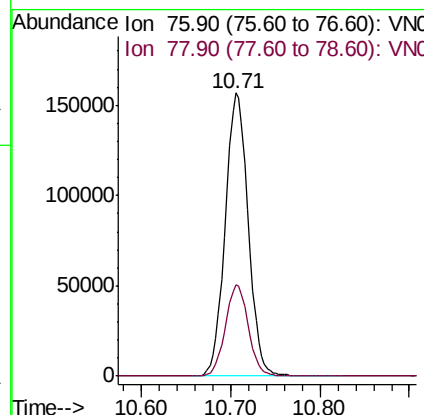
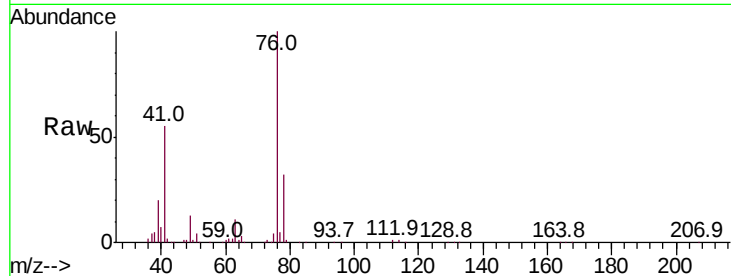
#57
 1,3-Dichloropropane
 Concen: 49.550 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 280152
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

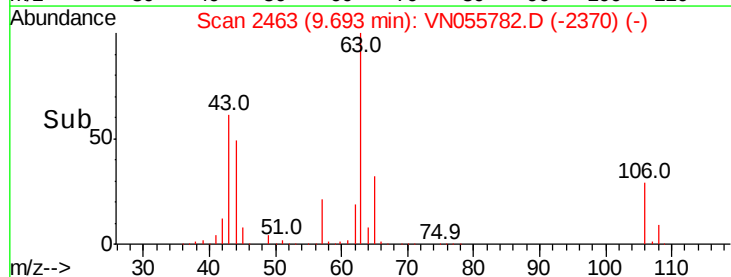
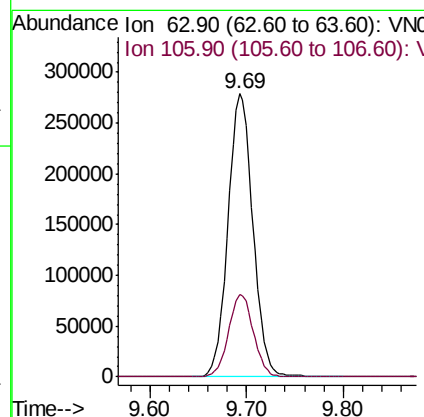
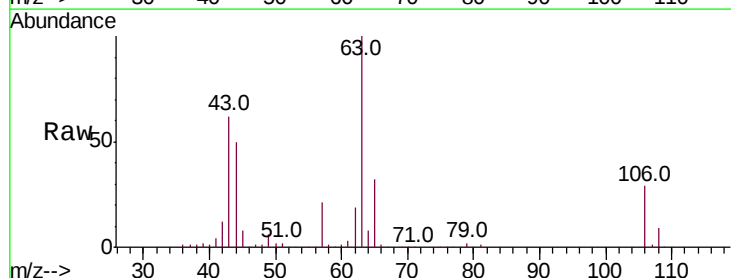
Manual Integrations
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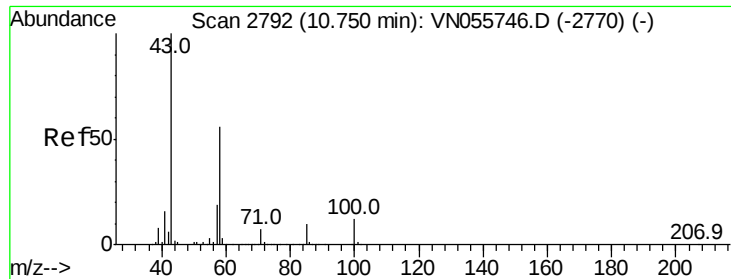
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.736 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion: 63 Resp: 498663
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.7 34.1





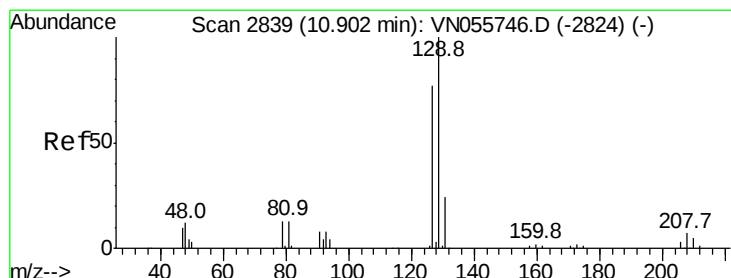
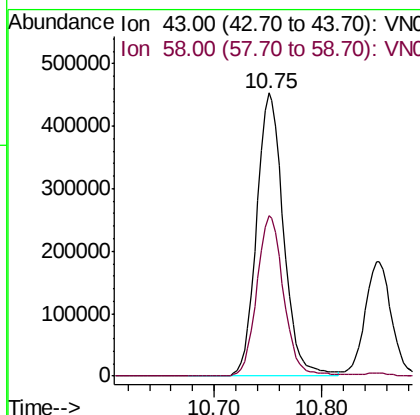
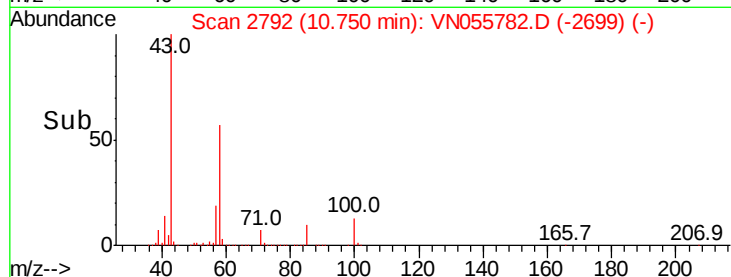
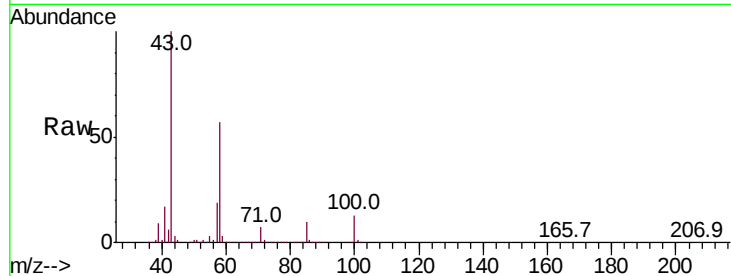
#59
2-Hexanone
Concen: 250.422 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 780452
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7

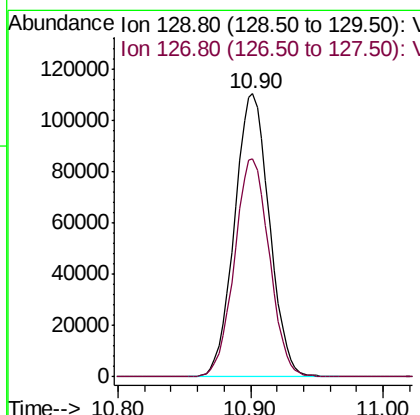
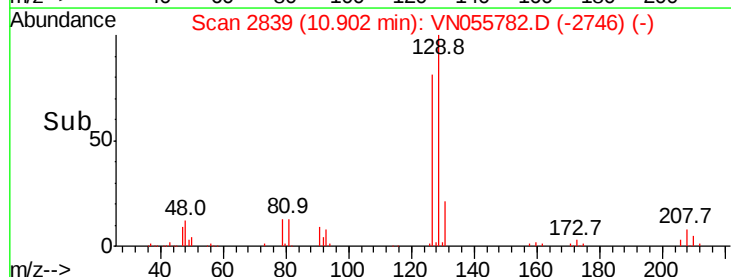
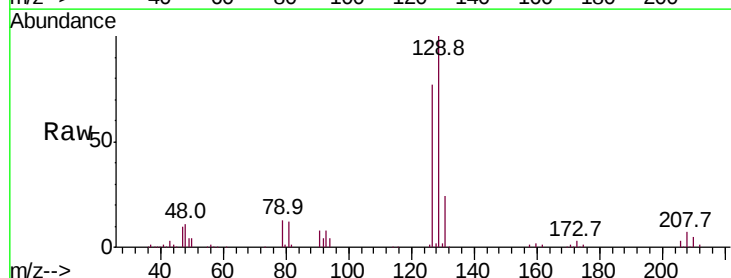
Manual Integrations
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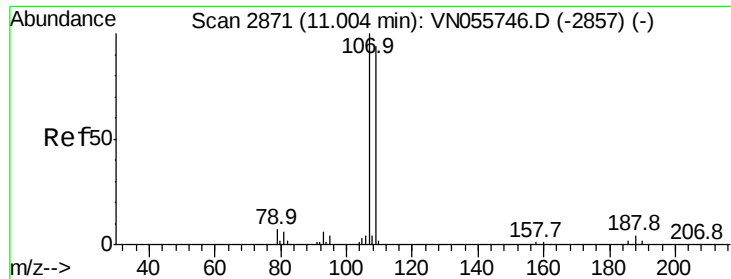
MMDadoda
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#60
Dibromochloromethane
Concen: 49.869 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion: 129 Resp: 202072
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3





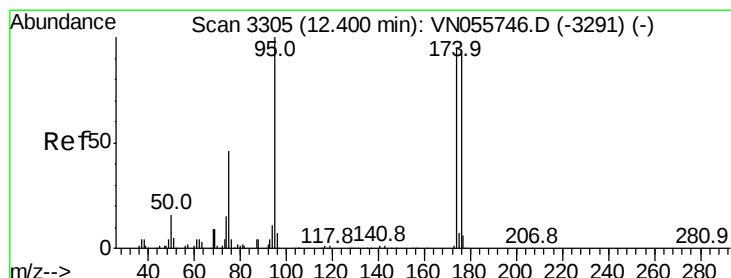
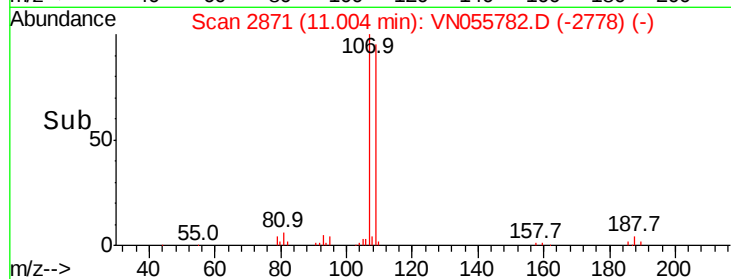
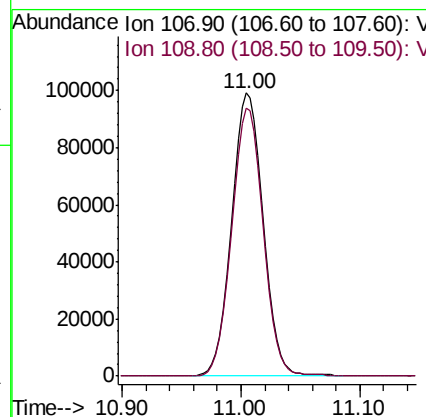
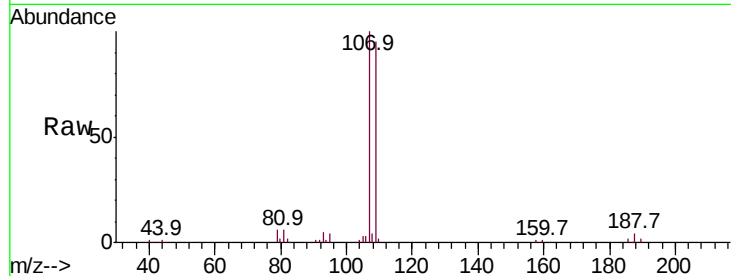
#61
 1,2-Dibromoethane
 Concen: 50.367 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	181716		
109	94.7	74.8	112.2	

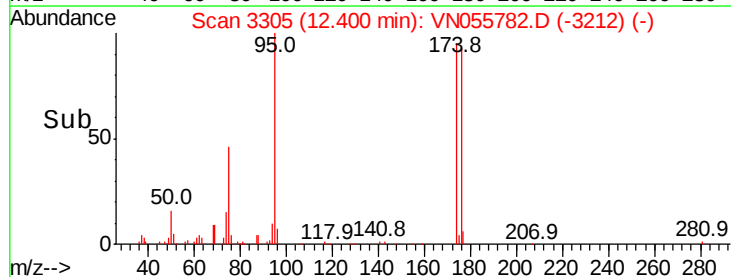
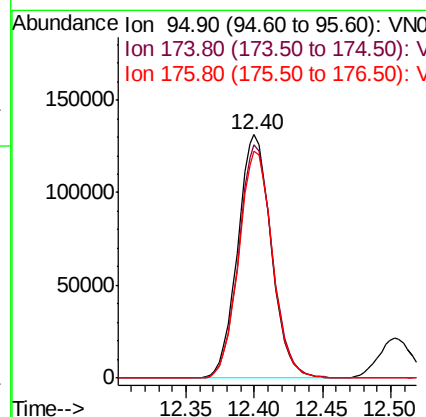
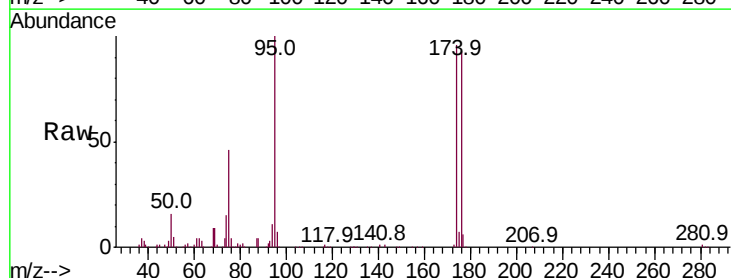
Manual Integrations
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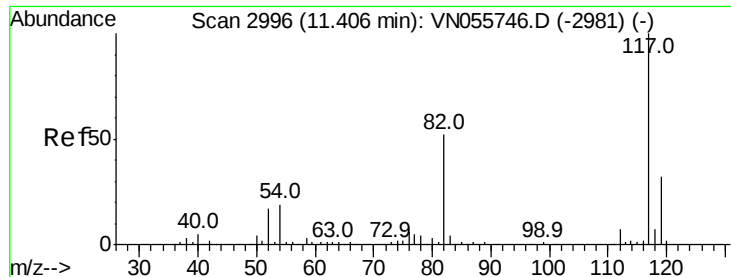
MMDadoda
 5/28/2019 10:35:04 AM



#62
 4-Bromofluorobenzene
 Concen: 51.342 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	224414		
174	95.6	0.0	191.0	
176	93.7	0.0	185.2	





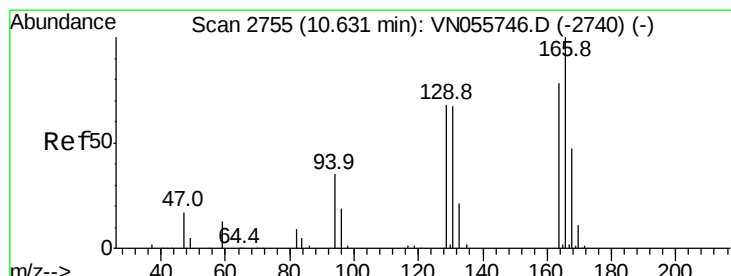
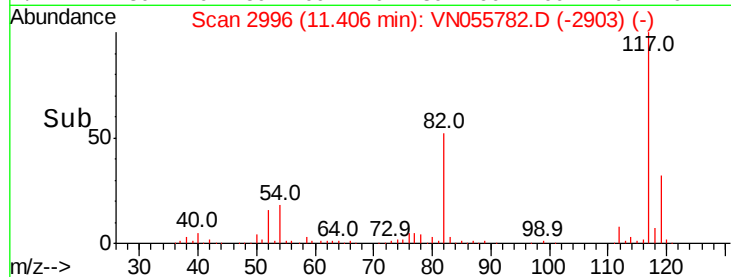
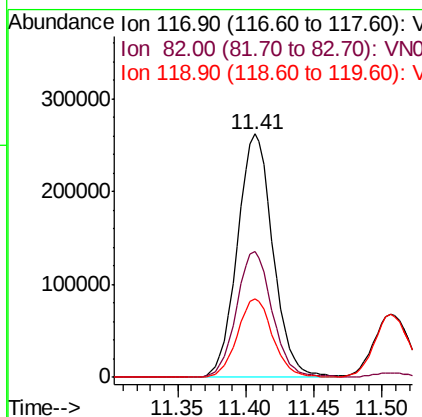
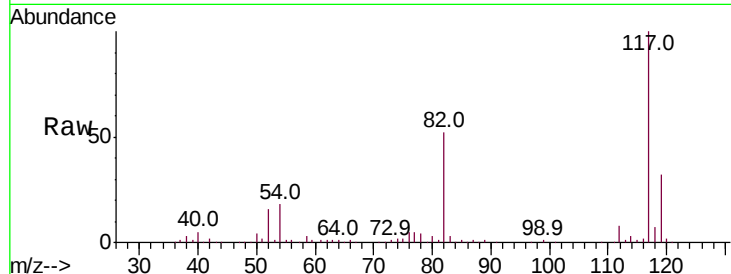
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.8
119	32.3	25.4	38.0

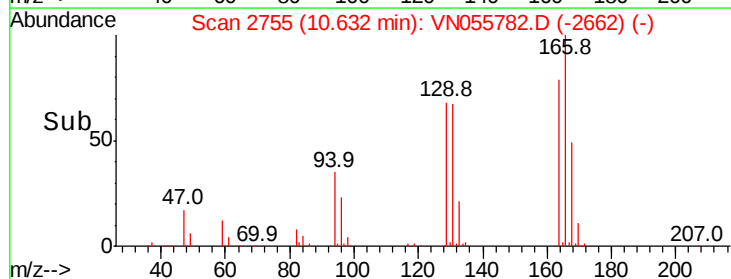
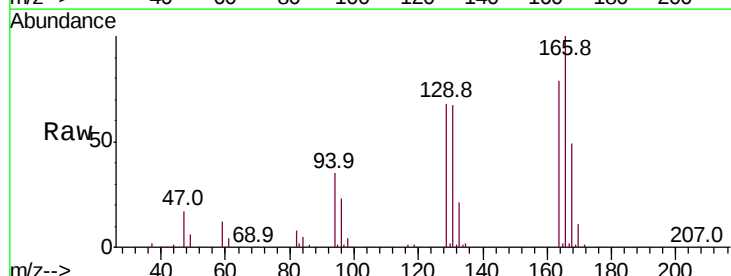
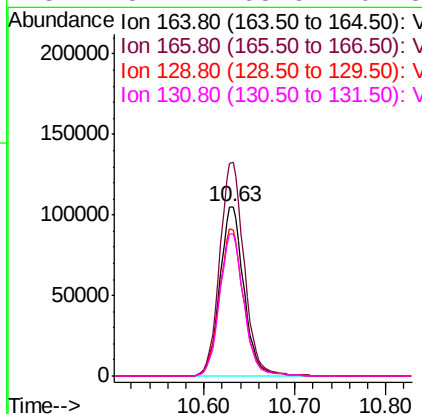
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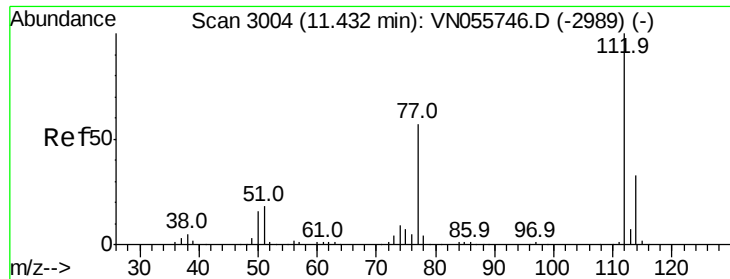
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5/28/2019 10:35:04 AM



#64
Tetrachloroethene
Concen: 48.363 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.0	154.6
129	86.3	70.6	105.8
131	84.2	68.6	102.8





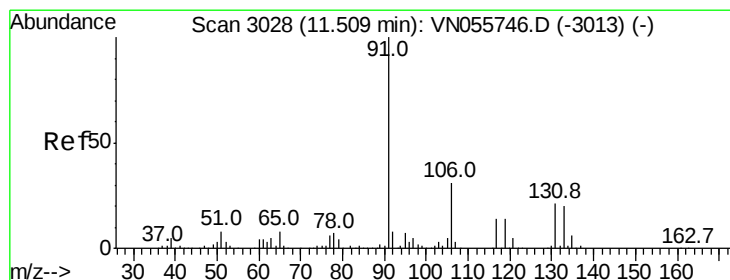
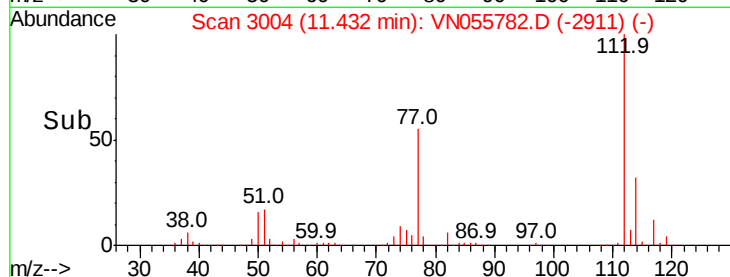
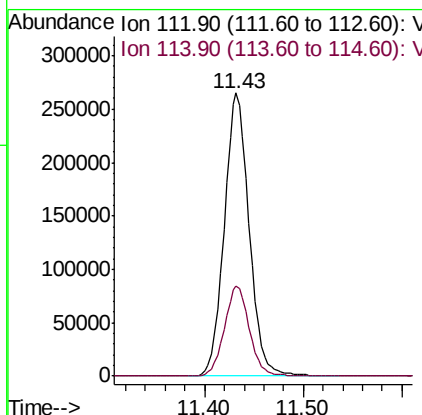
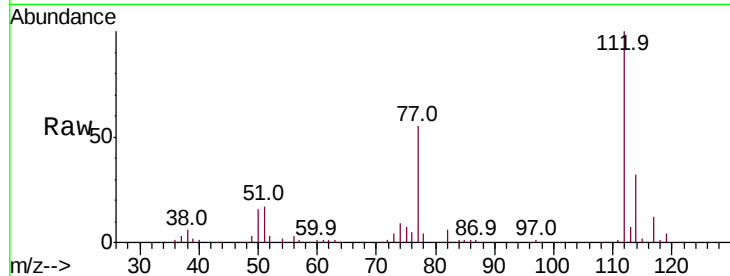
#65
Chlorobenzene
Concen: 49.314 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 468025
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

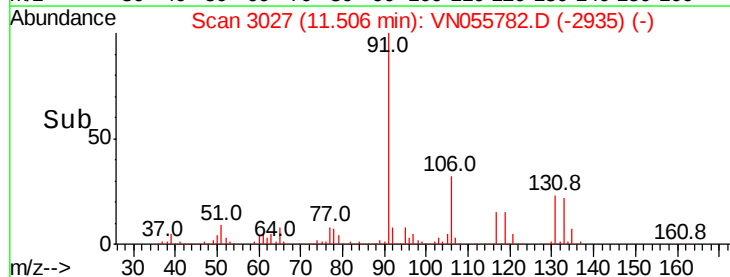
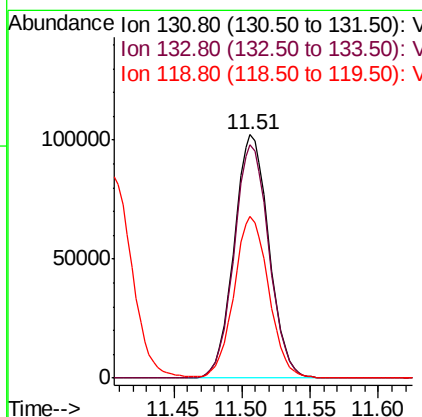
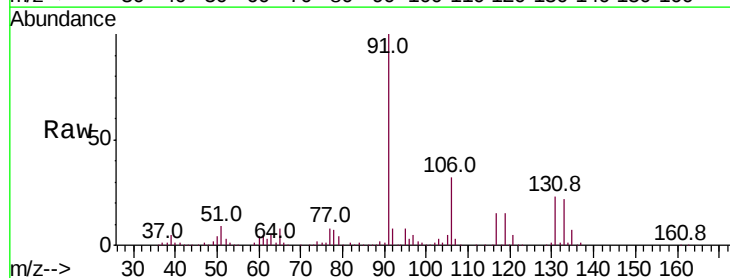
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.037 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion:131 Resp: 181829
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 66.1 33.1 99.5





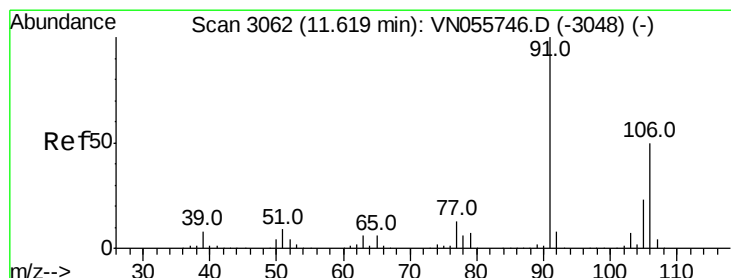
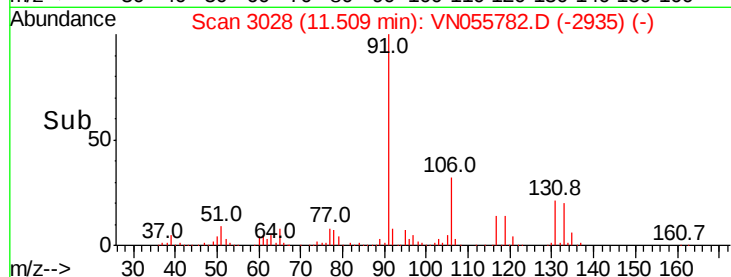
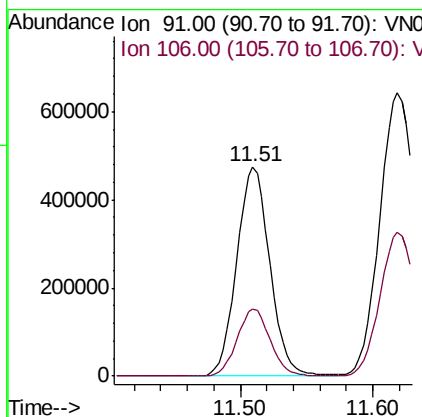
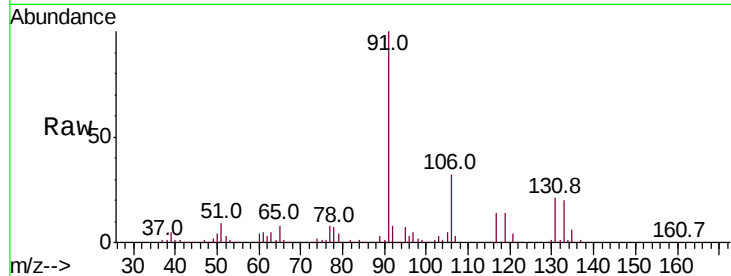
#67
Ethyl Benzene
Concen: 48.429 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 824234
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

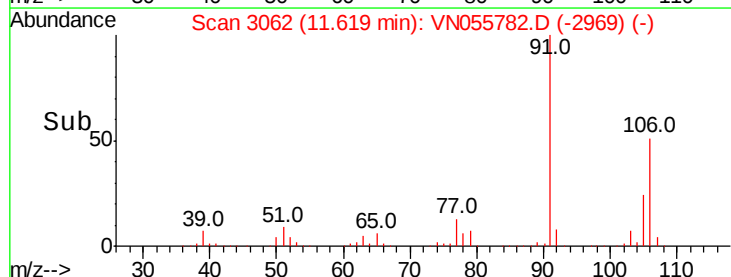
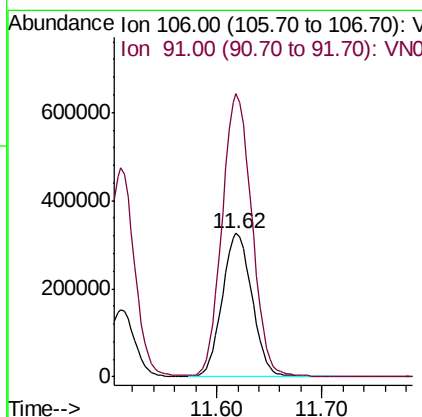
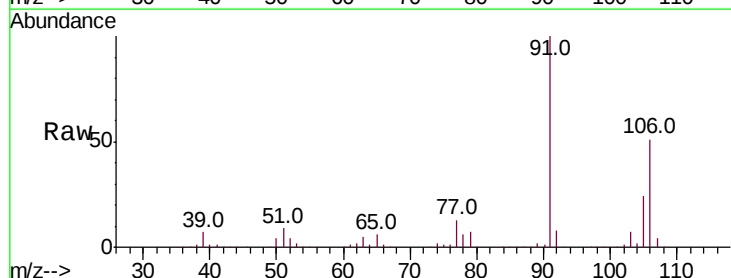
Manual Integrations
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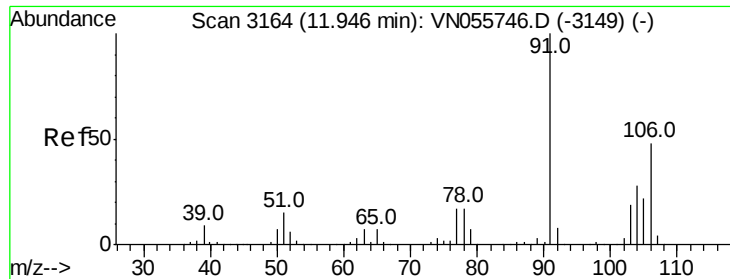
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#68
m/p-Xylenes
Concen: 99.028 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion: 106 Resp: 637165
Ion Ratio Lower Upper
106 100
91 197.7 159.3 238.9





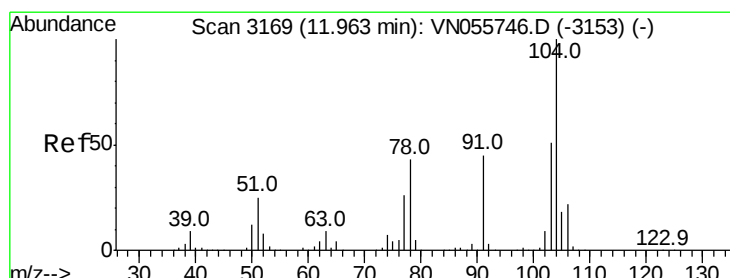
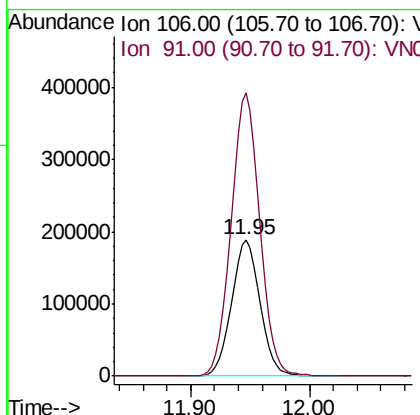
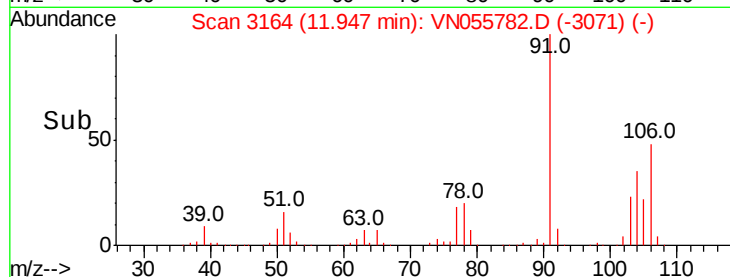
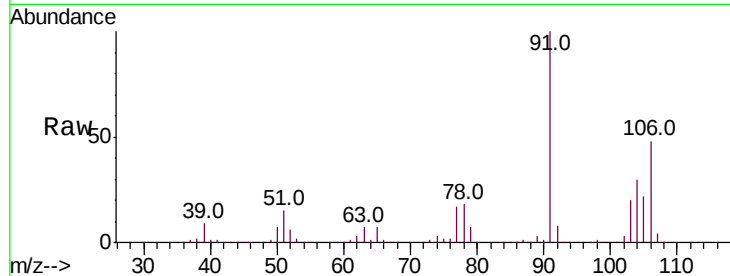
#69
o-Xylene
Concen: 48.944 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 312440
Ion Ratio Lower Upper
106 100
91 209.0 104.7 314.1

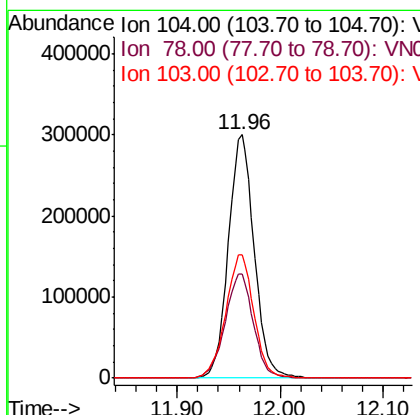
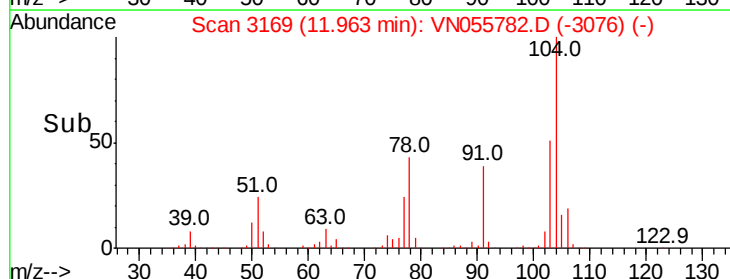
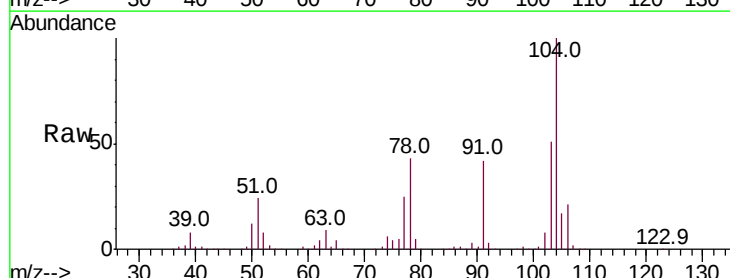
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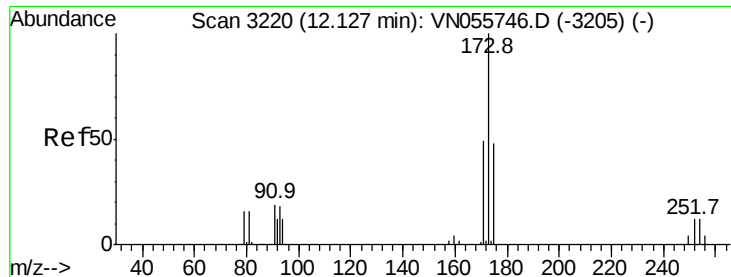
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#70
Styrene
Concen: 50.686 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion:104 Resp: 523973
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.6
103 55.0 44.2 66.2





#71

Bromoform

Concen: 49.550 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 159979

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

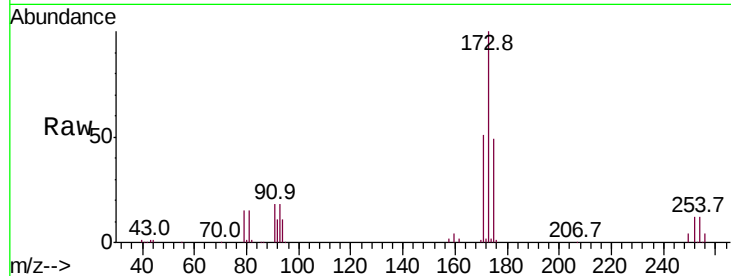
254 0.1 0.0 0.0#

Manual Integrations

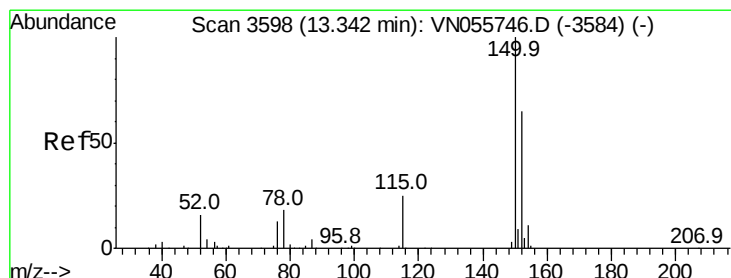
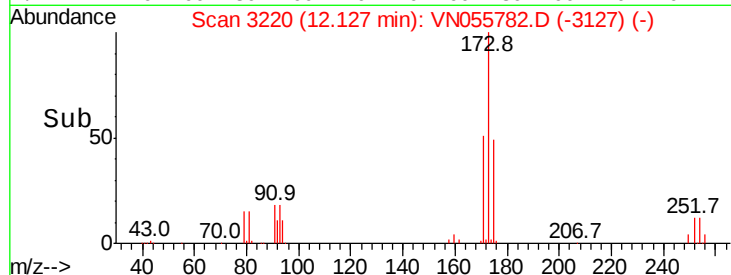
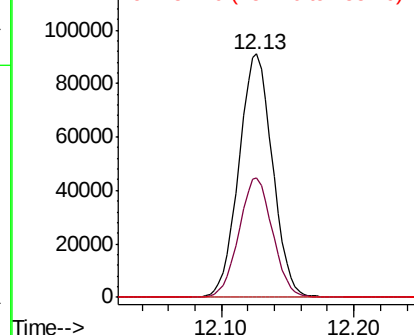
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

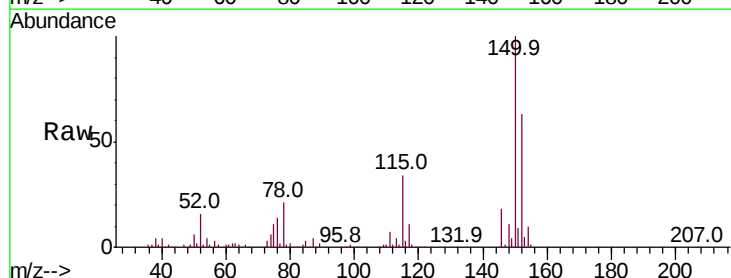
Tgt Ion:152 Resp: 217221

Ion Ratio Lower Upper

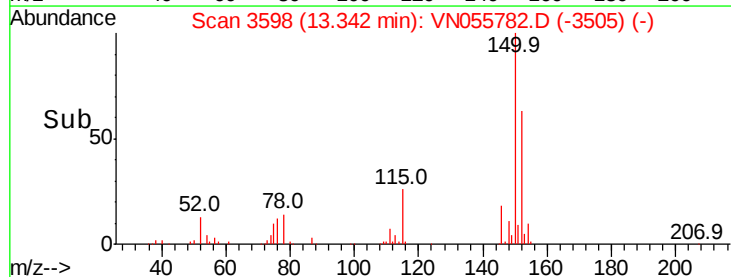
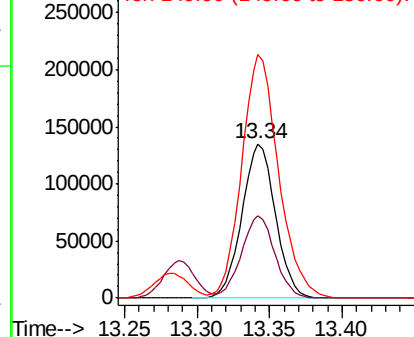
152 100

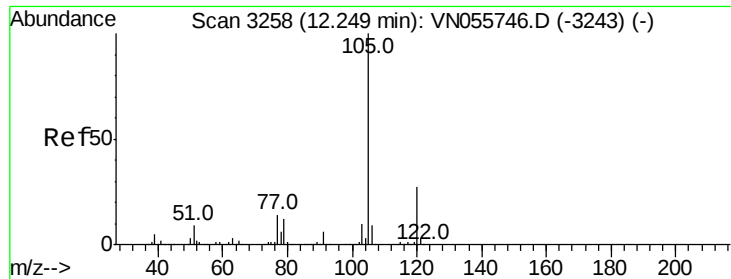
115 53.2 27.0 81.0

150 173.5 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





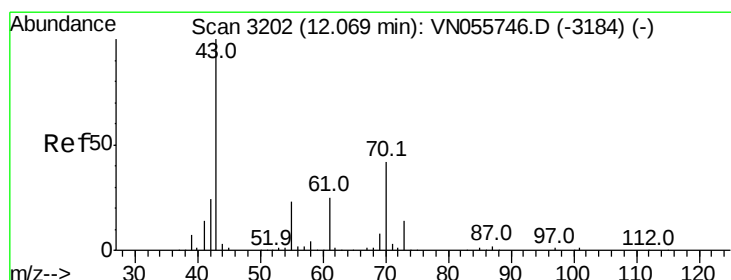
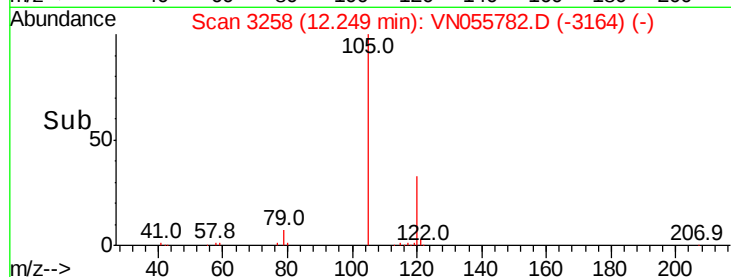
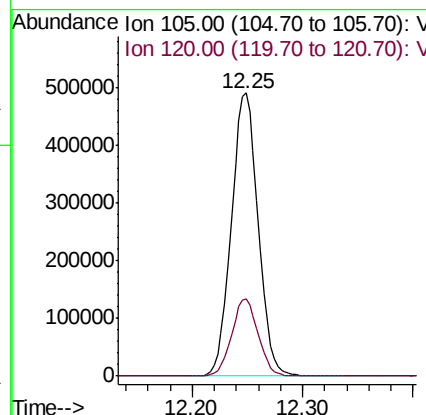
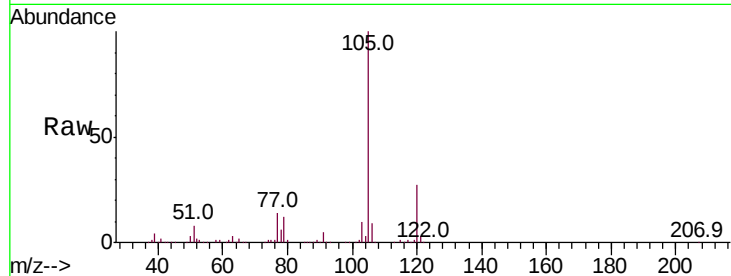
#73
Isopropylbenzene
Concen: 53.636 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7

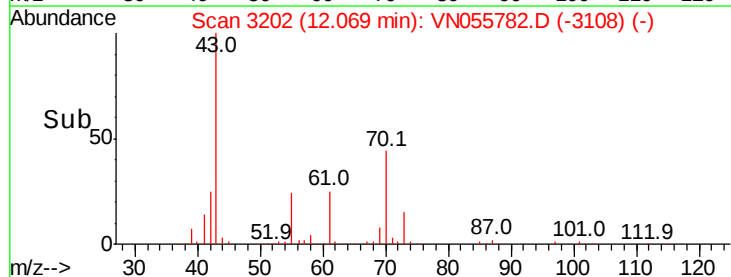
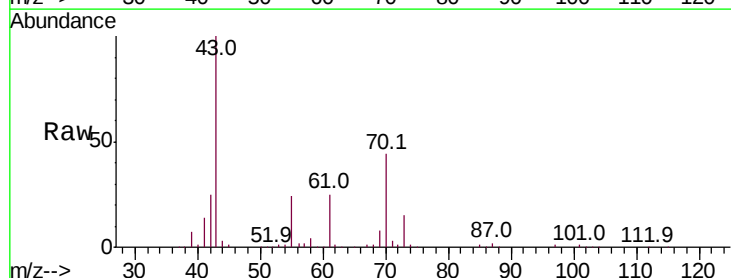
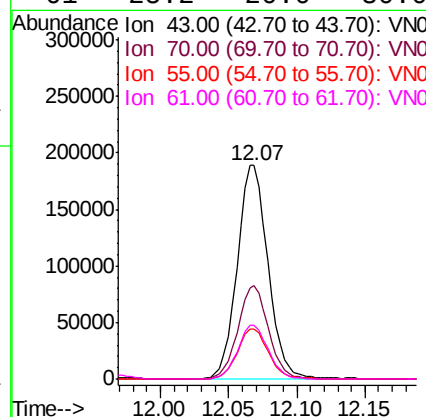
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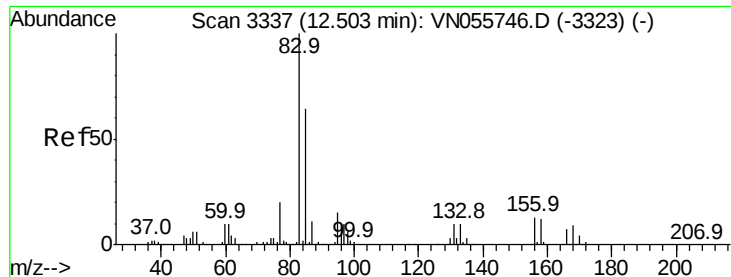
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#74
N-ethyl acetate
Concen: 50.031 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	34.0	51.0
55	24.0	18.6	28.0
61	25.2	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.661 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

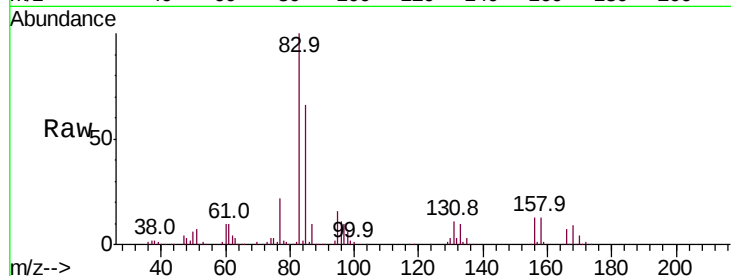
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235918
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	65.8	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN055746.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055746.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-3323) (-)

12.50

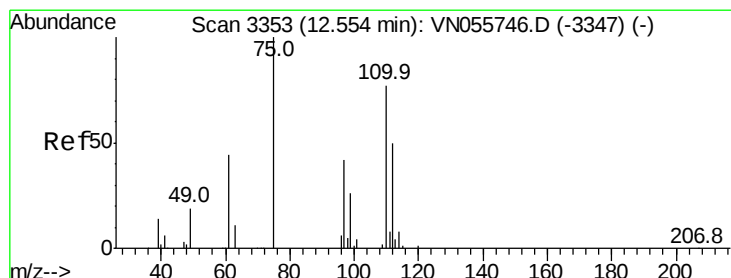
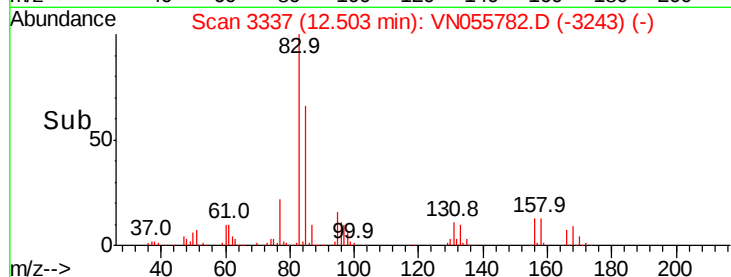
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.111 ug/l m

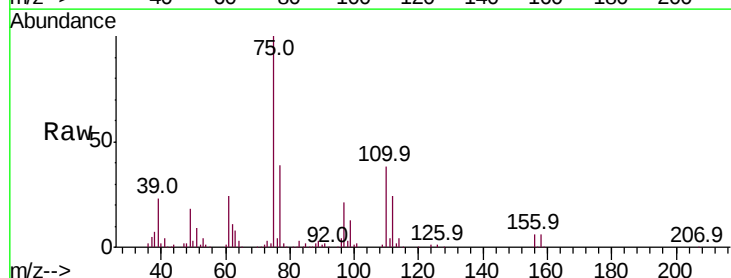
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Tgt Ion:	75	Resp:	215445
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055746.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055746.D (-3347) (-)

200000

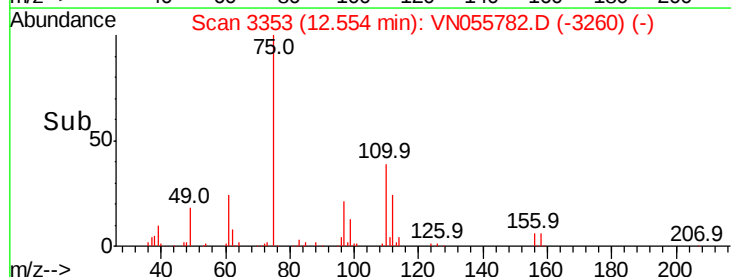
150000

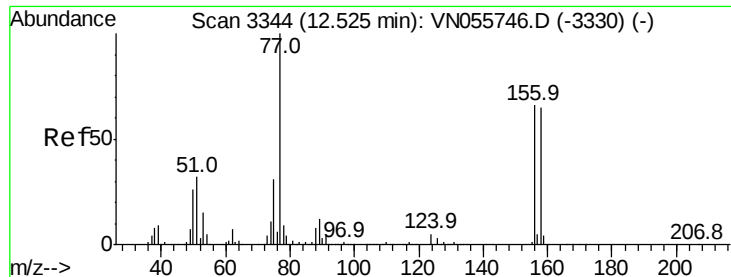
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 47.714 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

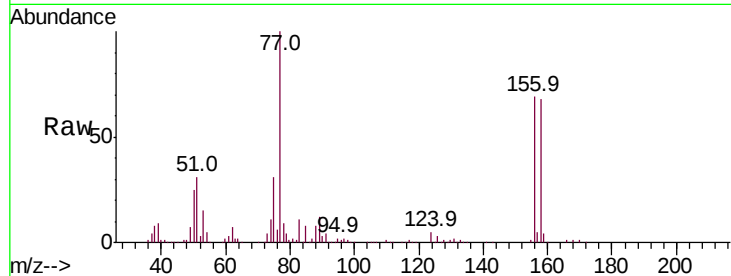
ClientSampleId :

VSTDCCC050

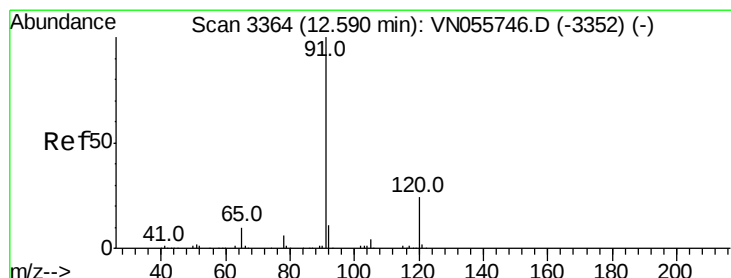
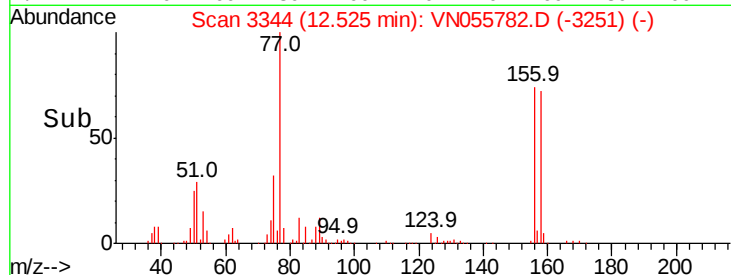
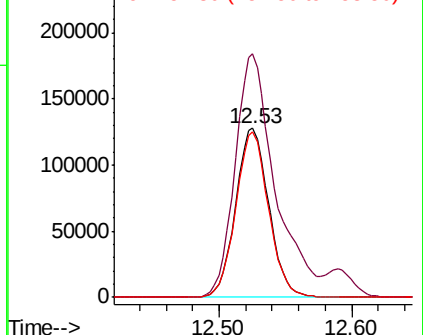
Tot Ion:	156	Resp:	221167
Ion Ratio	Lower	Upper	
156	100		
77	175.0	90.8	272.5
158	96.9	49.3	147.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
250000
Ion 77.00 (76.70 to 77.70): VNO
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.981 ug/l

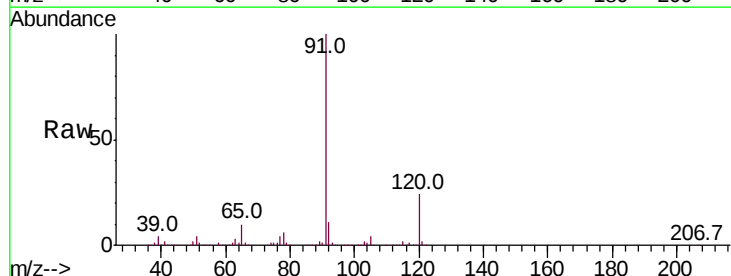
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

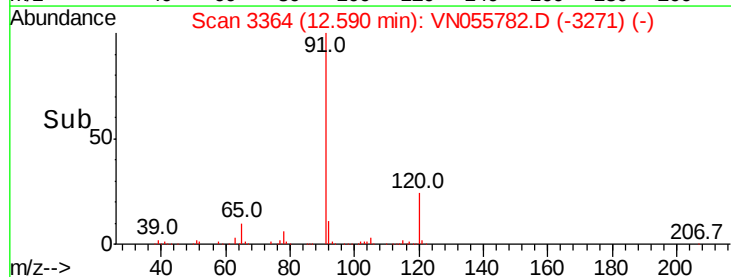
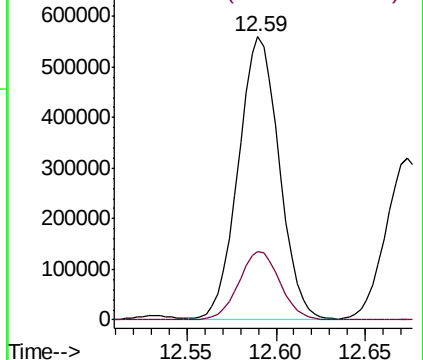
Lab File: VN055782.D

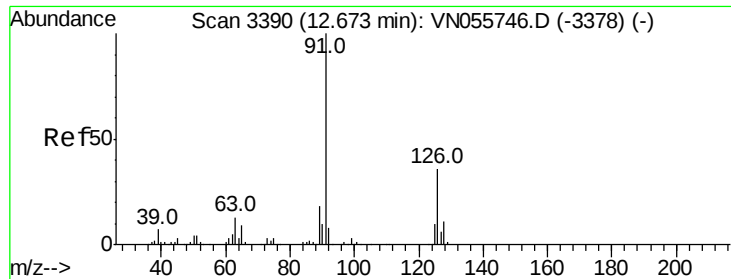
Acq: 24 May 2019 9:21

Tgt Ion:	91	Resp:	886979
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VNO
600000
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.574 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055782.D

Acq: 24 May 2019 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 533307

Ion Ratio Lower Upper

91 100

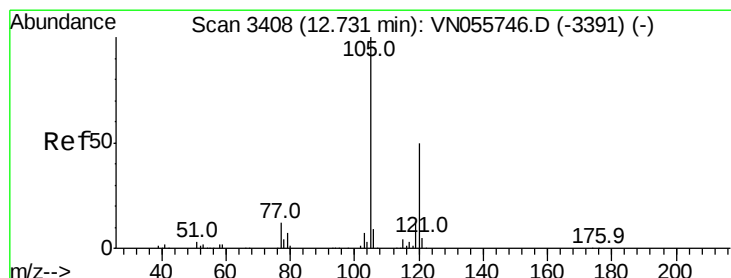
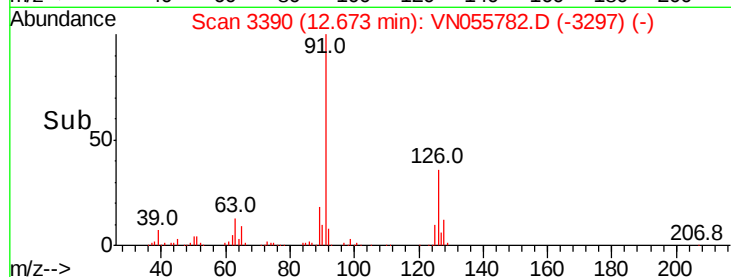
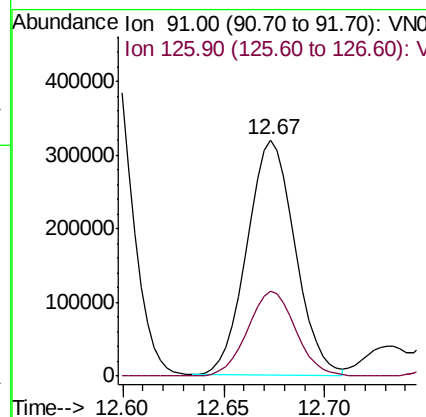
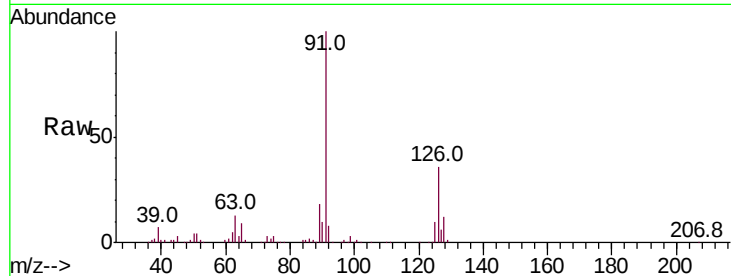
126 36.2 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.121 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055782.D

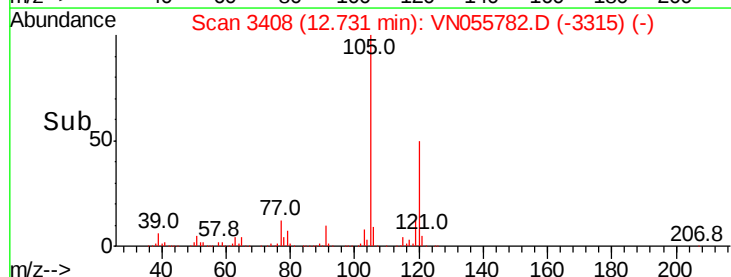
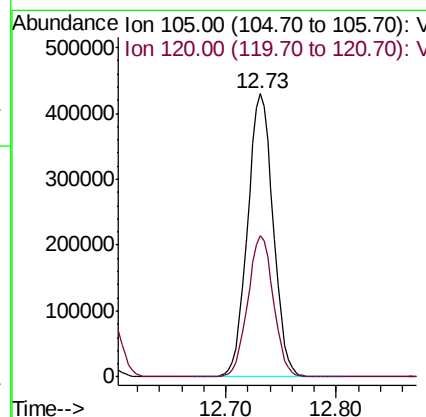
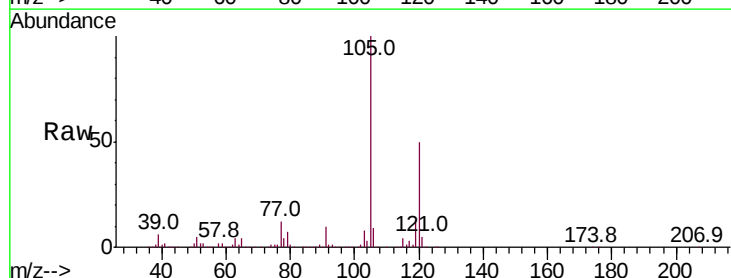
Acq: 24 May 2019 9:21

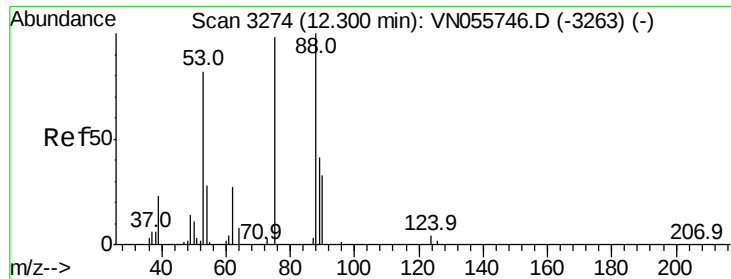
Tgt Ion: 105 Resp: 688825

Ion Ratio Lower Upper

105 100

120 49.9 24.7 74.1





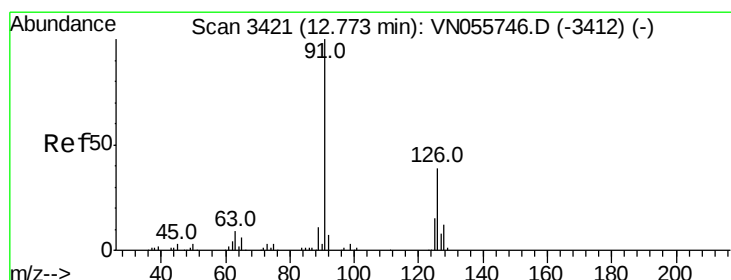
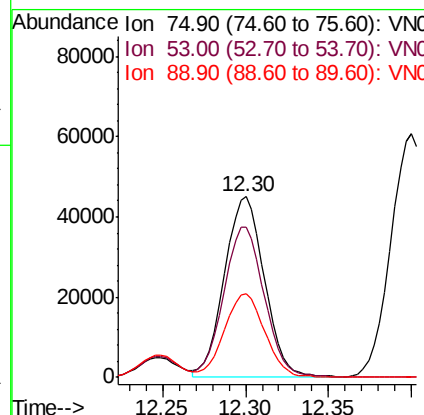
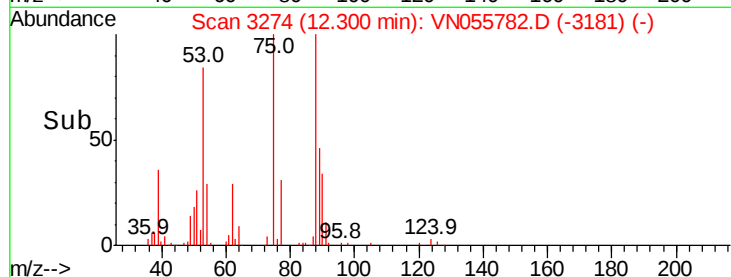
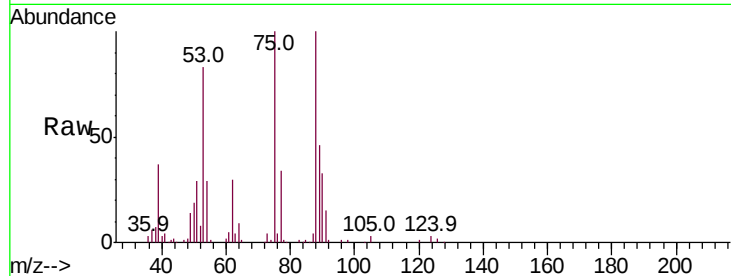
#81
trans-1,4-Dichloro-2-butene
Concen: 46.992 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	68.1	102.1
89	46.8	36.9	55.3

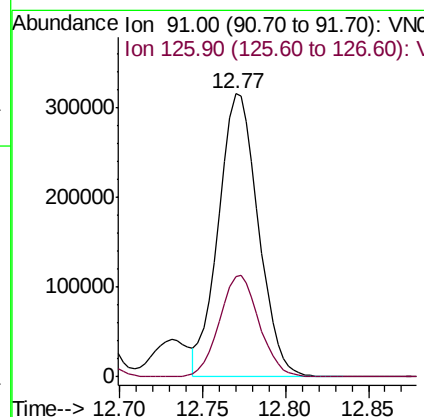
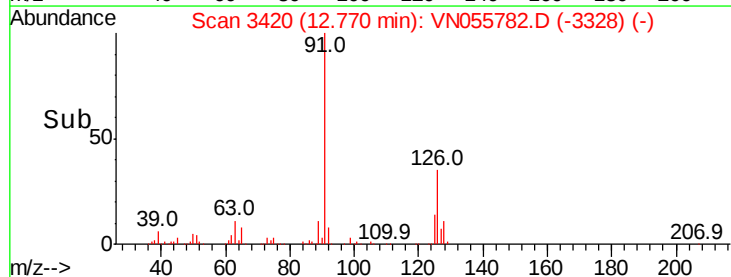
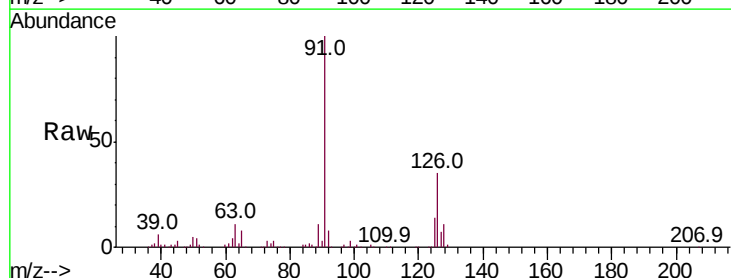
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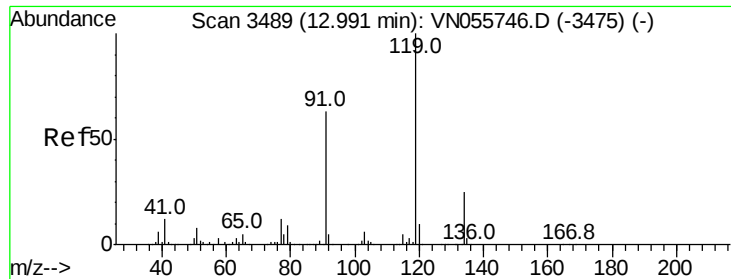
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.475 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.8	53.3





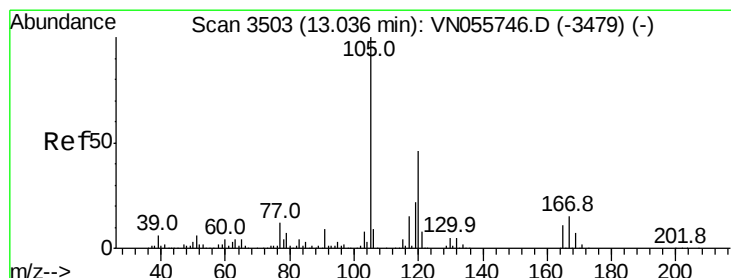
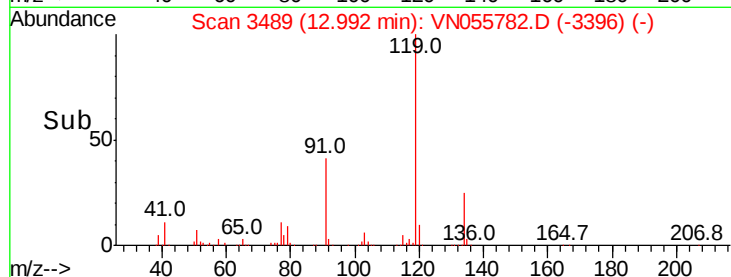
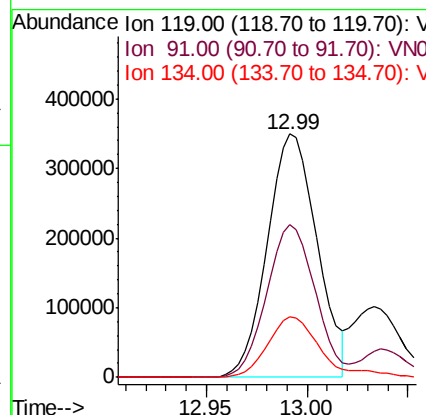
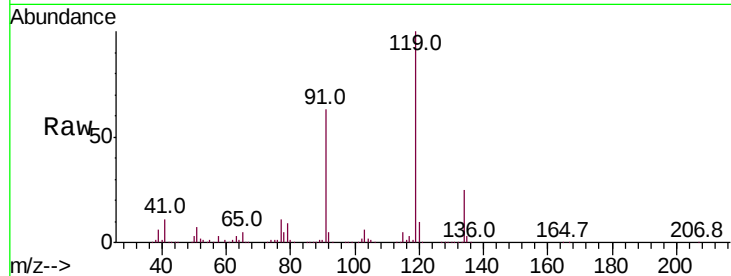
#83
 tert-Butylbenzene
 Concen: 53.442 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	598481		
91	61.2	30.9	92.8	
134	26.5	13.3	39.8	

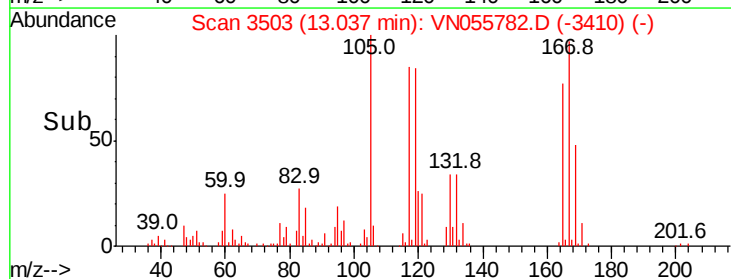
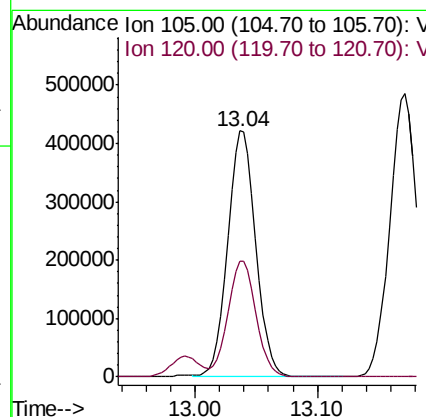
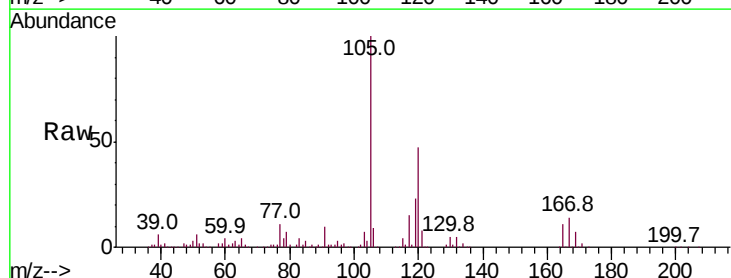
Manual Integrations
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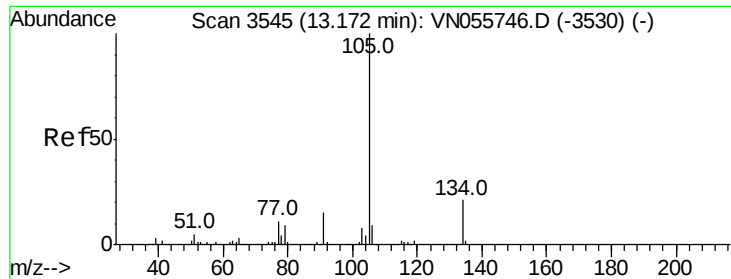
MMDadoda
 5/28/2019 10:35:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.440 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679443		
120	47.0	23.0	69.0	





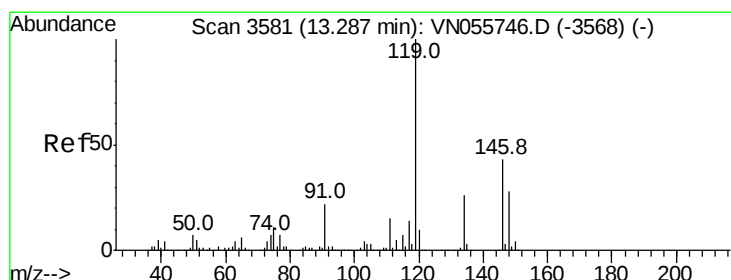
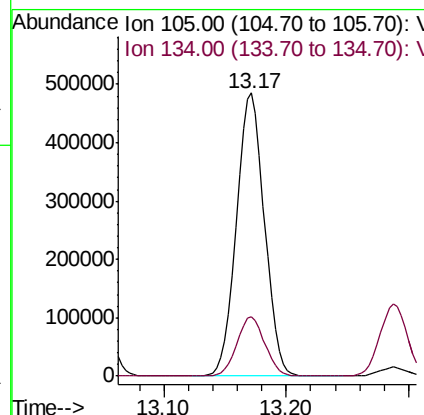
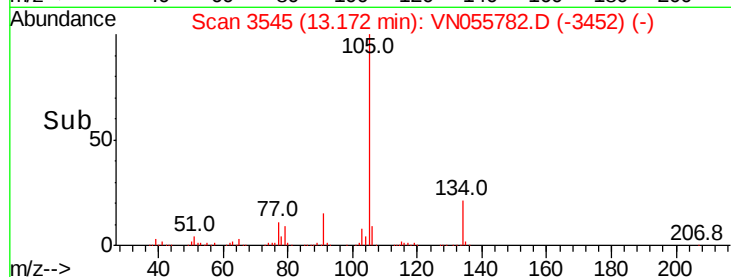
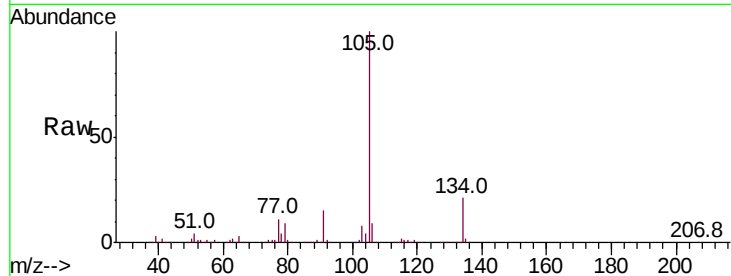
#85
 sec-Butylbenzene
 Concen: 52.941 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.2

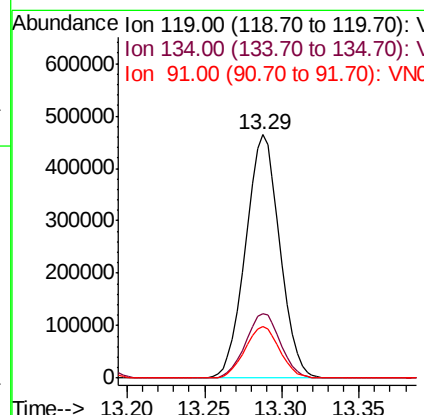
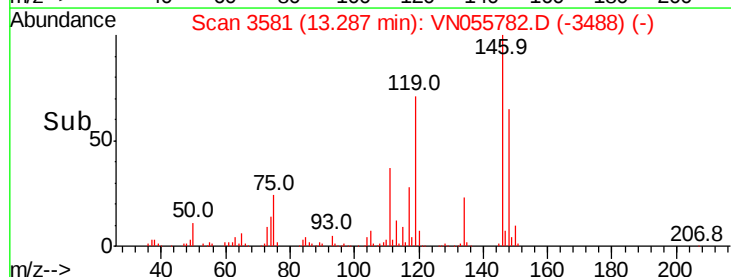
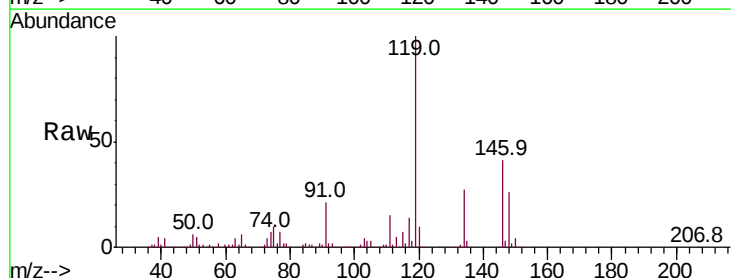
Manual Integrations
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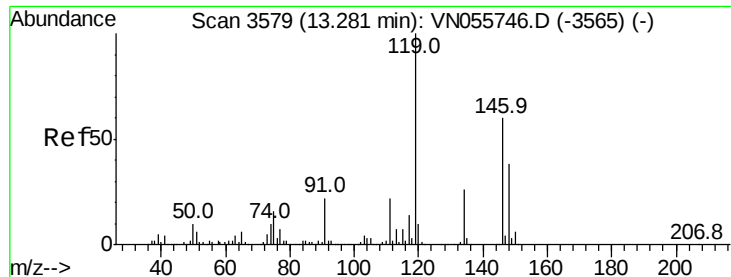
MMDadoda
 5/28/2019 10:35:04 AM



#86
 p-Isopropyltoluene
 Concen: 47.186 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.1
91	21.5	10.9	32.9





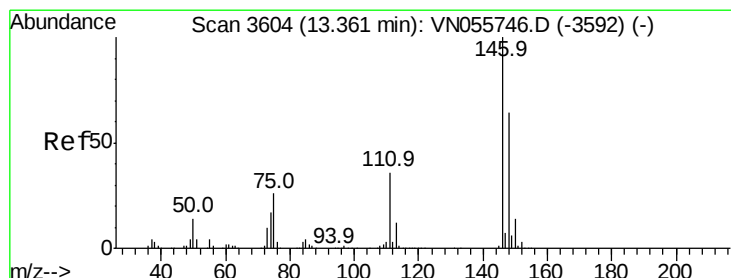
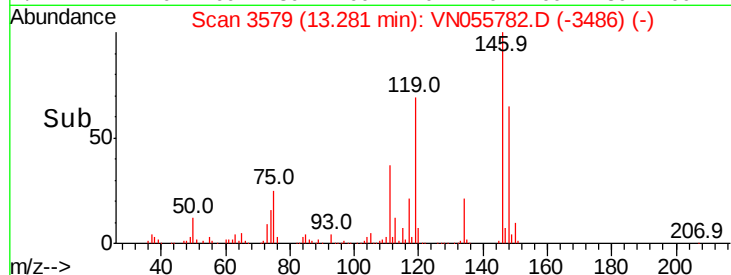
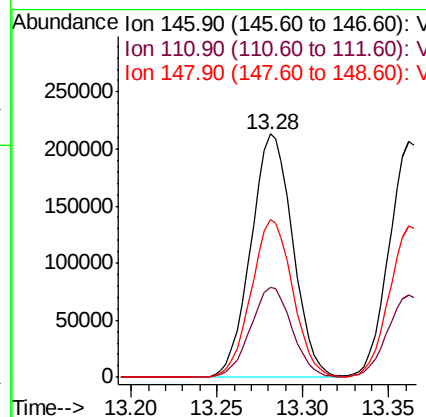
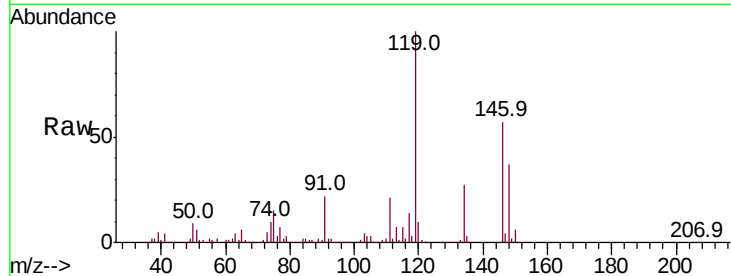
#87
 1,3-Dichlorobenzene
 Concen: 48.932 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.5	55.5
148	64.2	32.0	96.2

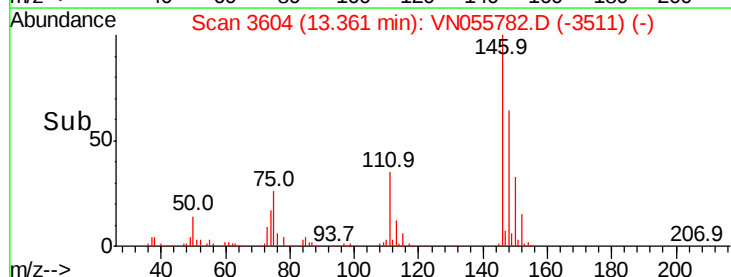
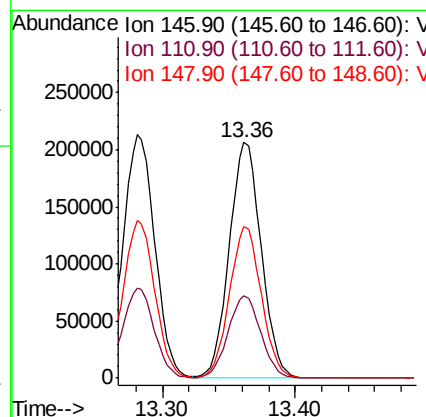
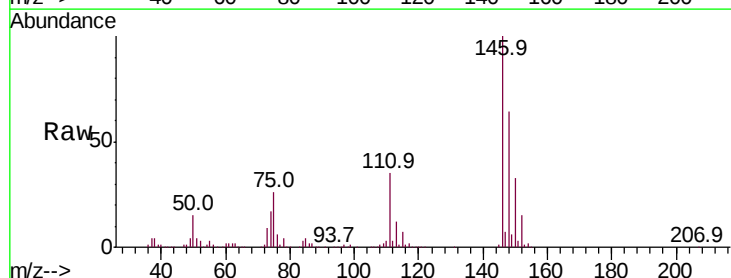
Manual Integrations
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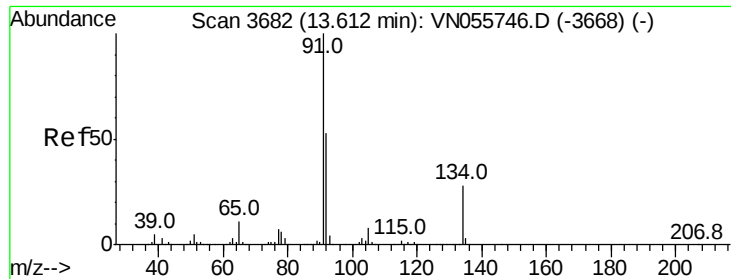
MMDadoda
 5/28/2019 10:35:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.469 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.4
148	64.2	32.1	96.5





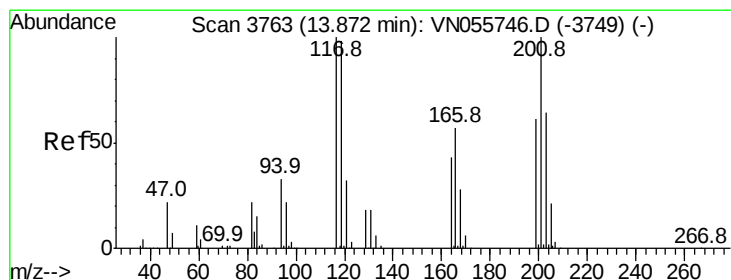
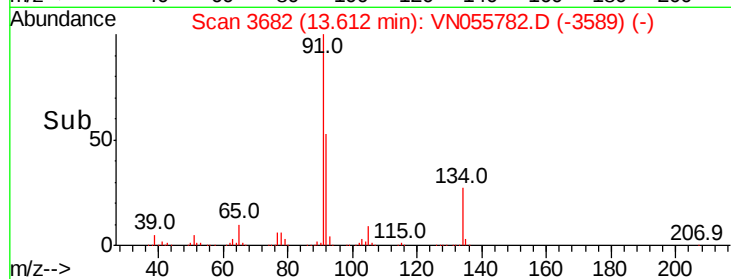
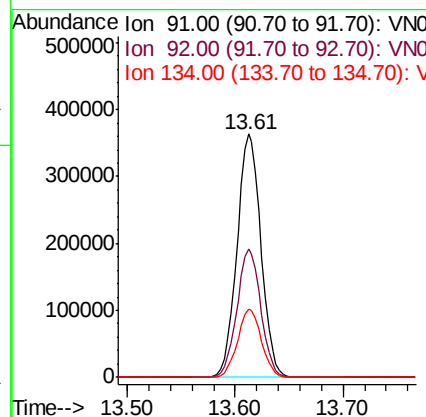
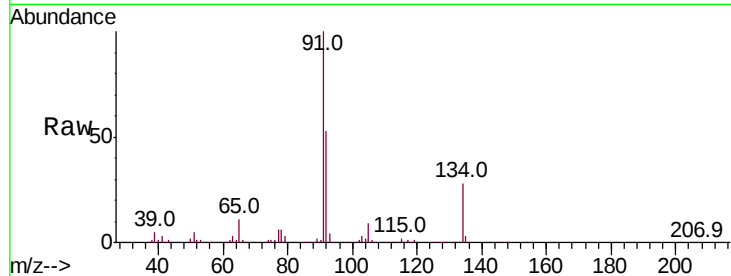
#89
n-Butylbenzene
Concen: 48.585 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	561566		
92	52.7		26.4	79.0
134	28.0		13.9	41.7

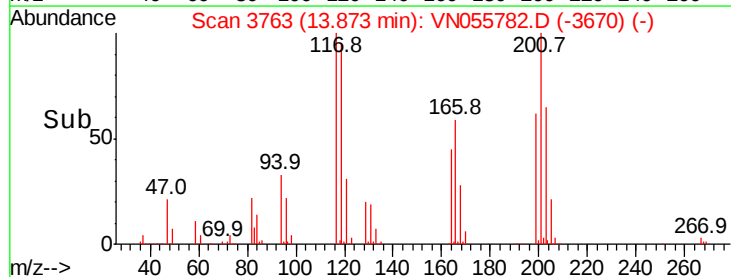
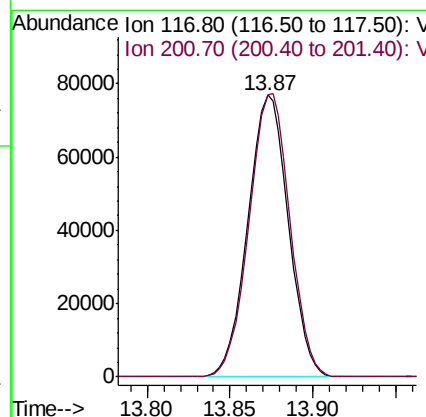
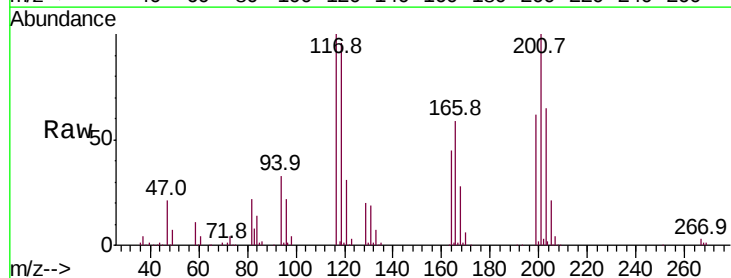
Manual Integrations
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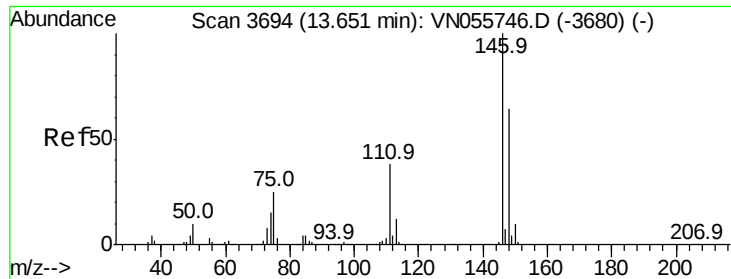
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#90
Hexachloroethane
Concen: 45.344 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	130197		
201	101.5		50.0	150.0





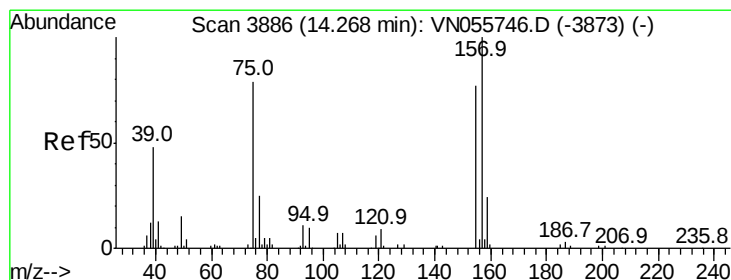
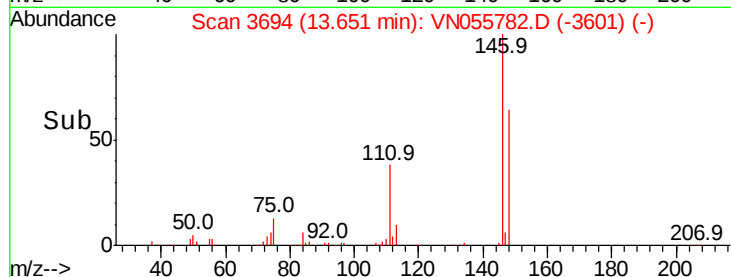
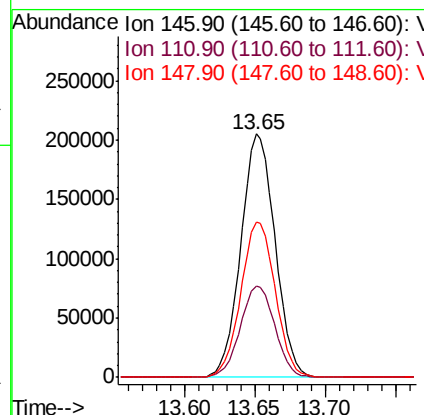
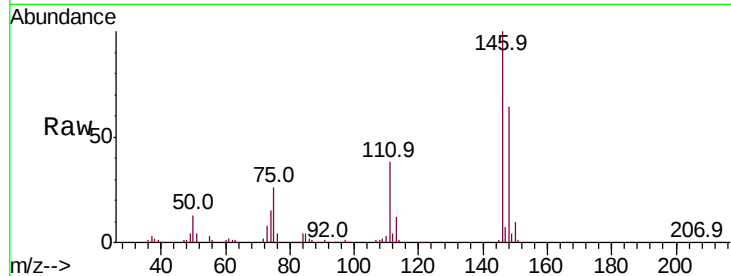
#91
 1,2-Dichlorobenzene
 Concen: 47.718 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.1	31.9	95.9

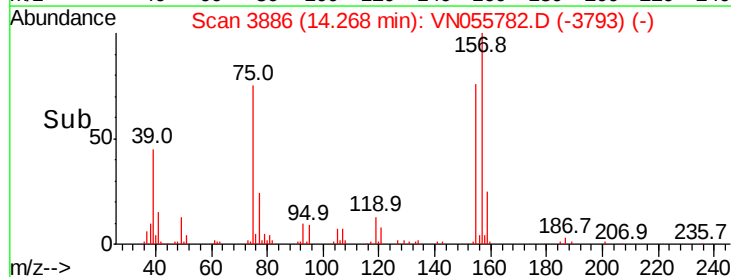
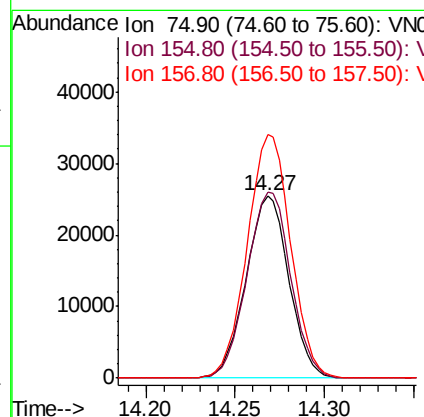
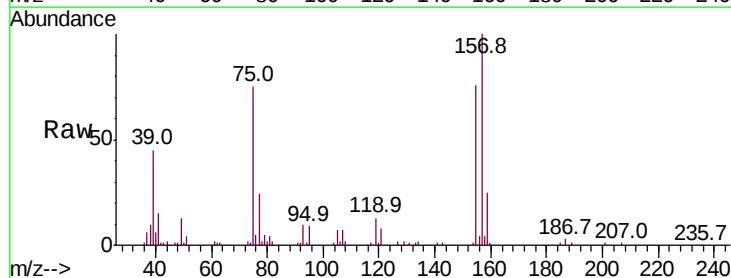
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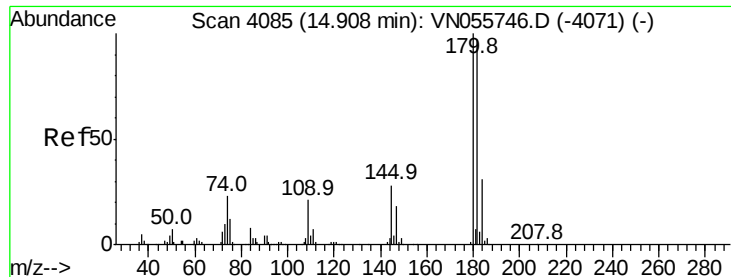
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.221 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	50.0	150.1
157	135.9	64.8	194.3





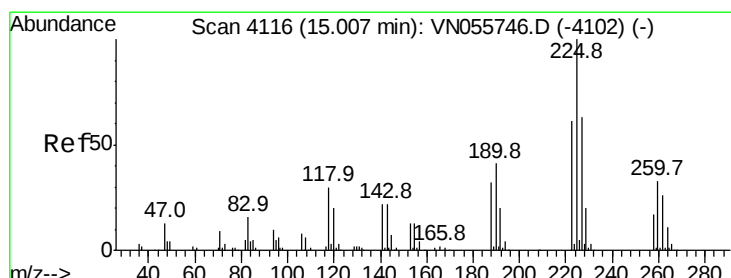
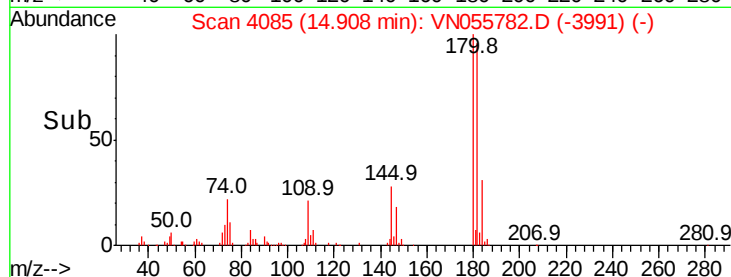
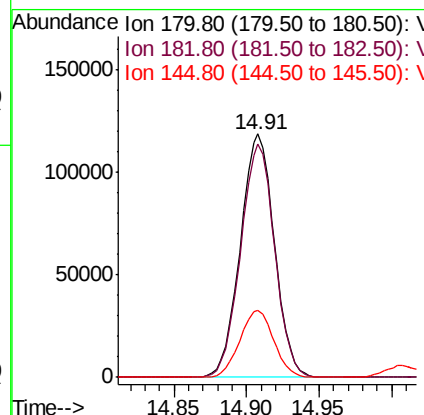
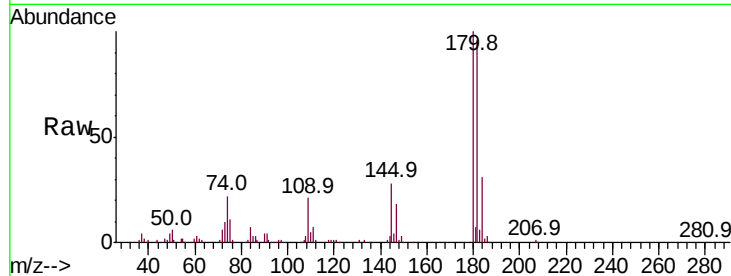
#93
 1,2,4-Trichlorobenzene
 Concen: 46.146 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	193144
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.3	144.9
145	27.4	14.0	41.9

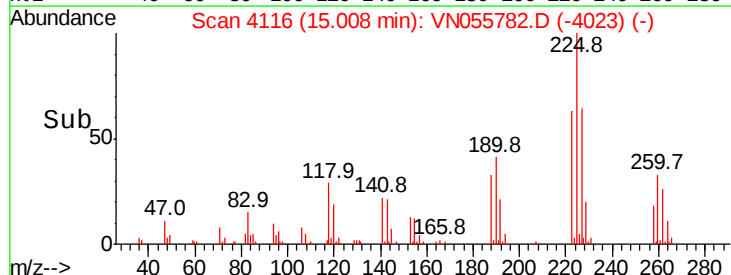
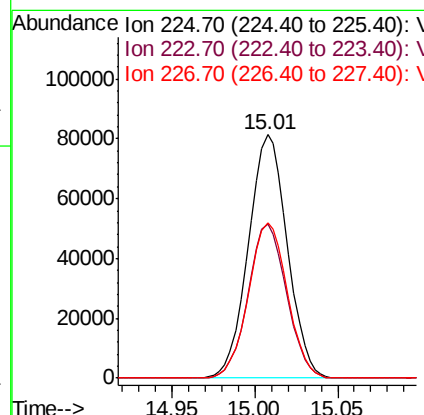
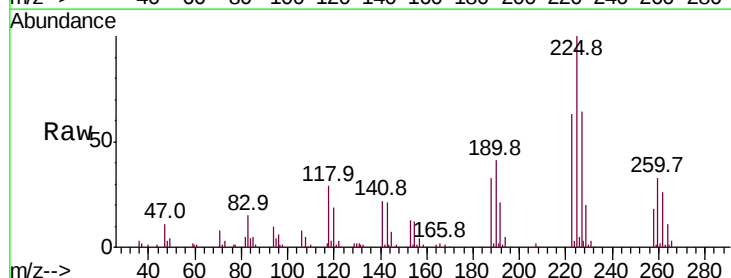
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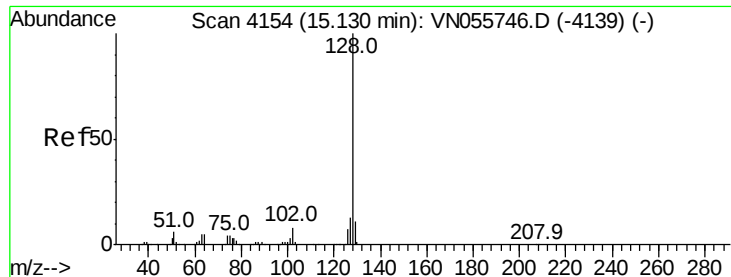
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#94
 Hexachlorobutadiene
 Concen: 51.445 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055782.D
 Acq: 24 May 2019 9:21

Tgt Ion:	225	Resp:	132443
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.7
227	63.8	31.6	94.7





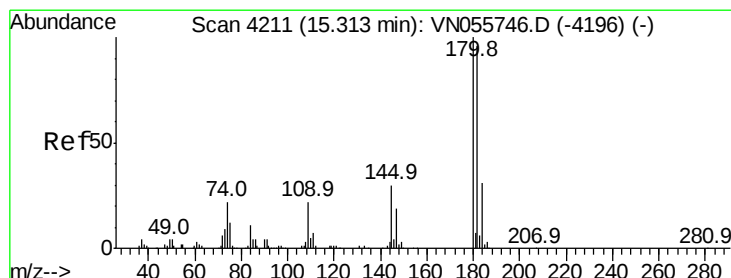
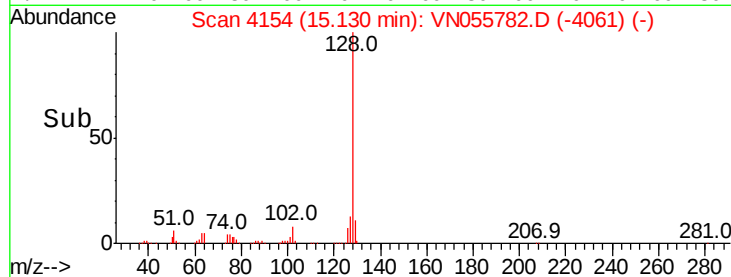
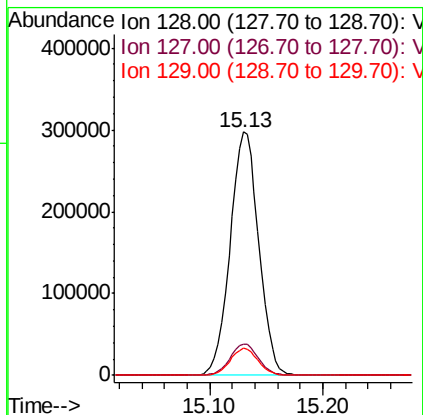
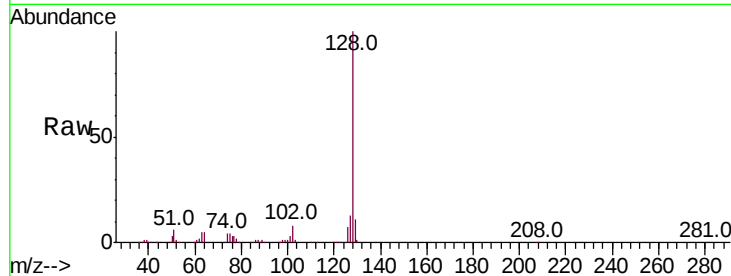
#95
Naphthalene
Concen: 51.895 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.8	10.3	15.5		
129	10.9	8.7	13.1		

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.055 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055782.D
Acq: 24 May 2019 9:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.3	47.9	143.7		
145	29.1	14.9	44.7		

