

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058772.D
 Acq On : 15 Oct 2019 10:43
 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
 10/18/2019 12:42:30 AM

Quant Time: Oct 16 04:26:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	435661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	702620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	641786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	305120	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.57	113	219988	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.08	98	870314	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	325560	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	281335	51.850	ug/l	100
3) Chloromethane	2.04	50	324740	50.331	ug/l	99
4) Vinyl Chloride	2.17	62	332181	51.692	ug/l	100
5) Bromomethane	2.54	94	201667	51.588	ug/l	100
6) Chloroethane	2.68	64	203620	51.371	ug/l	99
7) Trichlorofluoromethane	3.00	101	404041	52.536	ug/l	99
8) Diethyl Ether	3.39	74	145382	51.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	219476	50.050	ug/l	98
10) Methyl Iodide	3.93	142	298132	49.821	ug/l	100
11) Tert butyl alcohol	4.76	59	266426	269.724	ug/l	99
12) 1,1-Dichloroethene	3.71	96	214010	51.151	ug/l	93
13) Acrolein	3.58	56	191534	241.099	ug/l	99
14) Allyl chloride	4.30	41	432102	51.176	ug/l	99
15) Acrylonitrile	4.96	53	685911	275.355	ug/l	100
16) Acetone	3.79	43	746178	295.513	ug/l	100
17) Carbon Disulfide	4.03	76	652770	48.809	ug/l	100
18) Methyl Acetate	4.30	43	345418	53.930	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	780006	52.209	ug/l	98
20) Methylene Chloride	4.53	84	248959	47.176	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	236162	50.462	ug/l	98
22) Diisopropyl ether	5.93	45	866945	52.809	ug/l	98
23) Vinyl Acetate	5.87	43	3760660	283.893	ug/l	100
24) 1,1-Dichloroethane	5.82	63	477593	51.080	ug/l	99
25) 2-Butanone	6.81	43	1029885	282.187	ug/l	99
26) 2,2-Dichloropropane	6.80	77	428578	50.215	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	269286	49.343	ug/l	98
28) Bromochloromethane	7.18	49	164522	50.579	ug/l	99
29) Tetrahydrofuran	7.19	42	646022	273.909	ug/l	100
30) Chloroform	7.35	83	469886	50.021	ug/l	100
31) Cyclohexane	7.63	56	434347	48.551	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	411781	51.400	ug/l	99
36) 1,1-Dichloropropene	7.77	75	359904	50.662	ug/l	99
37) Ethyl Acetate	6.91	43	404084	56.244	ug/l	98
38) Carbon Tetrachloride	7.75	117	359889	51.980	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	417830	50.687	ug/l	98
40) Benzene	8.02	78	1045506	51.244	ug/l	99
41) Methacrylonitrile	7.16	41	184466m	54.850	ug/l	
42) 1,2-Dichloroethane	8.11	62	396572	50.594	ug/l	100
43) Isopropyl Acetate	8.15	43	655001	53.517	ug/l	99
44) Trichloroethene	8.82	130	255133	50.356	ug/l	99
45) 1,2-Dichloropropane	9.11	63	283090	51.831	ug/l	98
46) Dibromomethane	9.20	93	181731	52.480	ug/l	99
47) Bromodichloromethane	9.39	83	375349	53.229	ug/l	99
48) Methyl methacrylate	9.19	41	300576	54.178	ug/l	99
49) 1,4-Dioxane	9.19	88	91940	1071.207	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	2024292	294.501	ug/l	100
52) Toluene	10.15	92	639311	51.233	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	433115	53.553	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	456093	53.114	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	253052	49.546	ug/l	98
56) Ethyl methacrylate	10.43	69	416331	55.797	ug/l	99
57) 1,3-Dichloropropane	10.70	76	449654	51.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	996720	277.184	ug/l	100
59) 2-Hexanone	10.75	43	1568297	295.238	ug/l	100
60) Dibromochloromethane	10.90	129	281327	53.396	ug/l	99
61) 1,2-Dibromoethane	11.00	107	267245	52.229	ug/l	100
64) Tetrachloroethene	10.63	164	224395	49.961	ug/l	97
65) Chlorobenzene	11.43	112	670465	51.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	255900	53.098	ug/l	100
67) Ethyl Benzene	11.51	91	1265427	54.467	ug/l	100
68) m/p-Xylenes	11.62	106	933326	107.049	ug/l	99
69) o-Xylene	11.95	106	442260	52.428	ug/l	99
70) Styrene	11.96	104	745082	53.891	ug/l	99
71) Bromoform	12.13	173	199531	56.483	ug/l	100
73) Isopropylbenzene	12.25	105	1227120	53.354	ug/l	100
74) N-amyl acetate	12.07	43	573341	55.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	399345	52.707	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	381662m	54.783	ug/l	
77) Bromobenzene	12.53	156	284601	50.874	ug/l	99
78) n-propylbenzene	12.59	91	1463915	54.623	ug/l	99
79) 2-Chlorotoluene	12.68	91	849599	51.075	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1054031	53.679	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	144615	55.603	ug/l	99
82) 4-Chlorotoluene	12.78	91	889346	52.101	ug/l	100
83) tert-Butylbenzene	13.00	119	897257	53.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1062531	54.508	ug/l	99
85) sec-Butylbenzene	13.17	105	1218528	54.975	ug/l	99
86) p-Isopropyltoluene	13.29	119	1096483	54.430	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	525837	50.968	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	524645	50.016	ug/l	99
89) n-Butylbenzene	13.62	91	1001613	53.772	ug/l	100
90) Hexachloroethane	13.88	117	197258	54.725	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	514855	51.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	87233	49.282	ug/l	99

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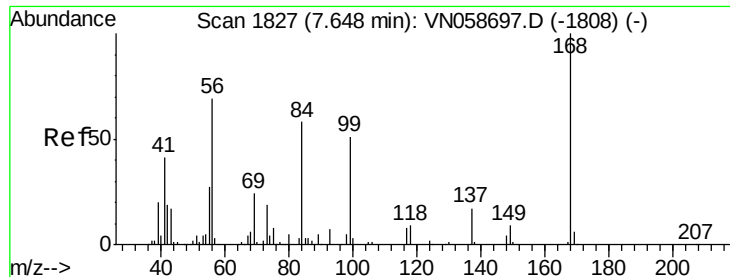
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	309671	50.485	ug/l	99
94) Hexachlorobutadiene	15.01	225	162913	50.435	ug/l	99
95) Naphthalene	15.13	128	920503	52.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	301477	50.342	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 435661

Ion Ratio Lower Upper

168 100

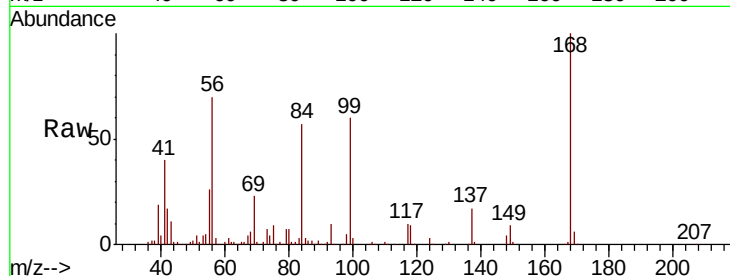
99 60.0 47.5 71.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

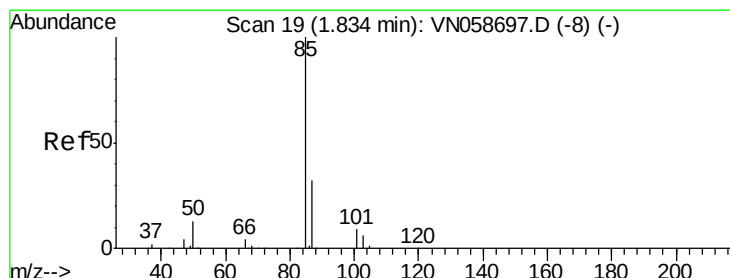
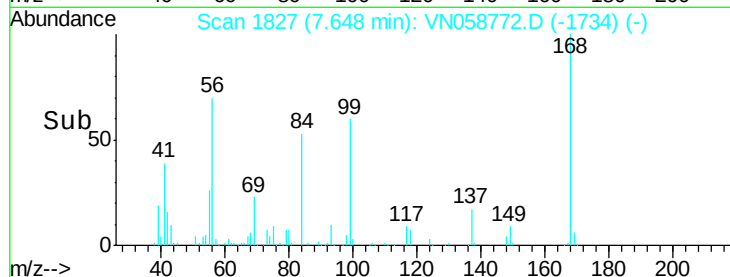
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.850 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058772.D

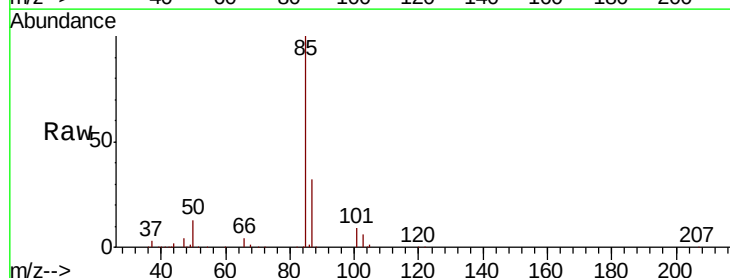
Acq: 15 Oct 2019 10:43

Tgt Ion: 85 Resp: 281335

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

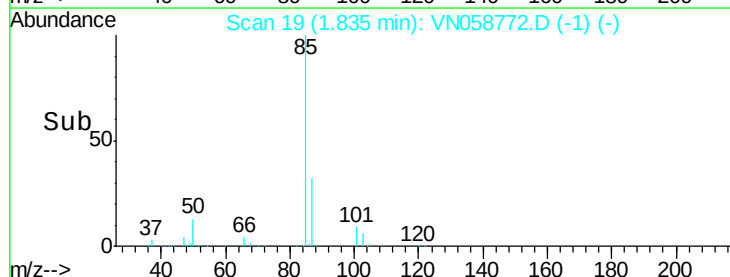
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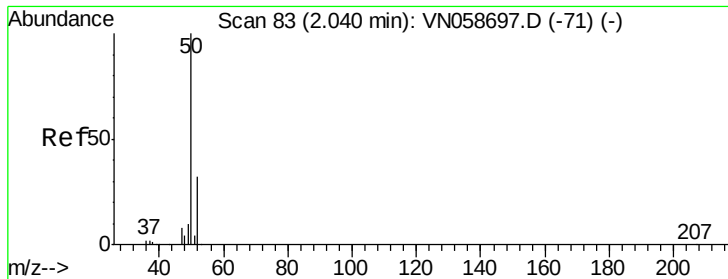
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 50.331 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 324740

Ion Ratio Lower Upper

50 100

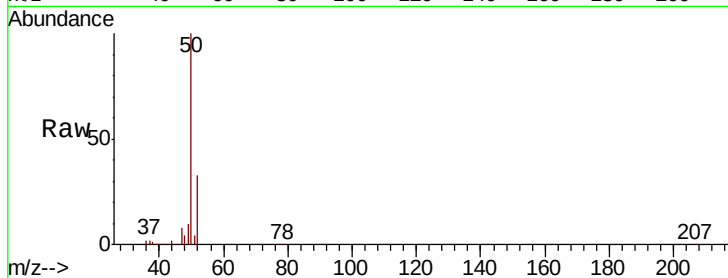
52 32.6 25.8 38.6

Manual Integrations

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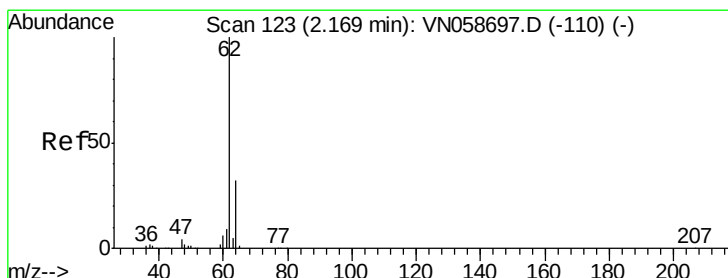
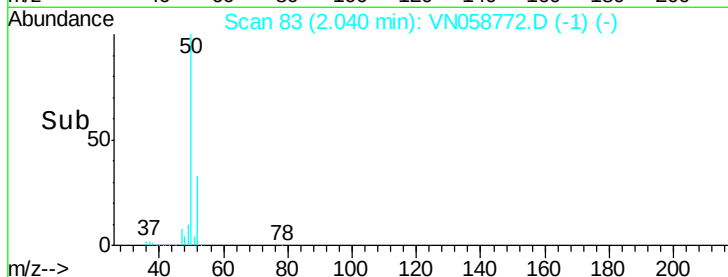
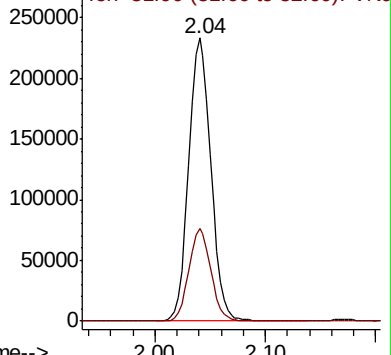
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.692 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058772.D

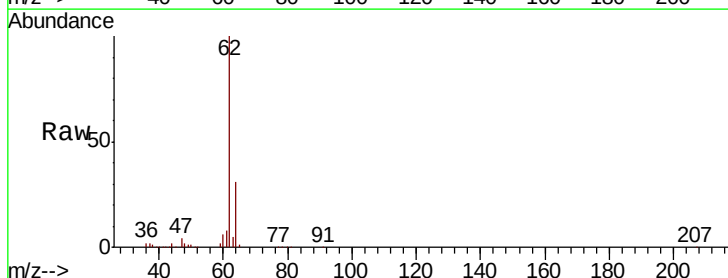
Acq: 15 Oct 2019 10:43

Tgt Ion: 62 Resp: 332181

Ion Ratio Lower Upper

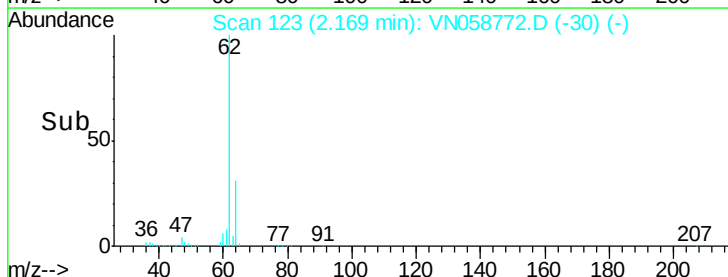
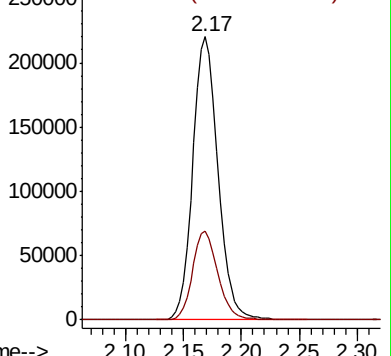
62 100

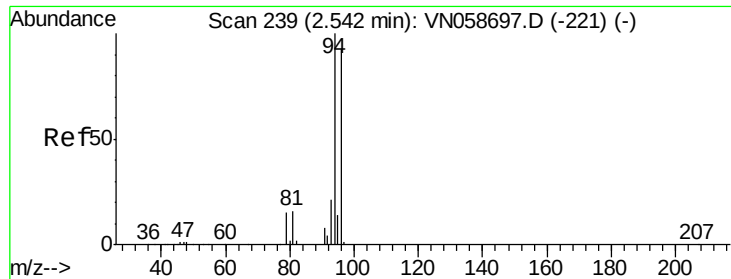
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





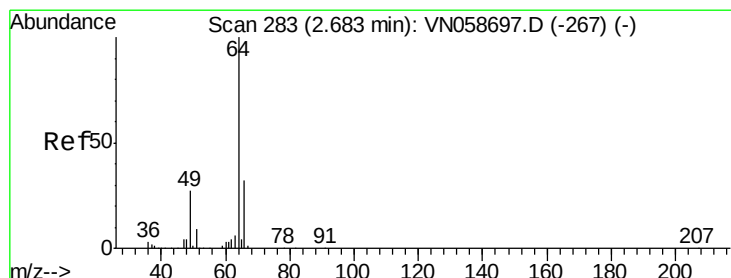
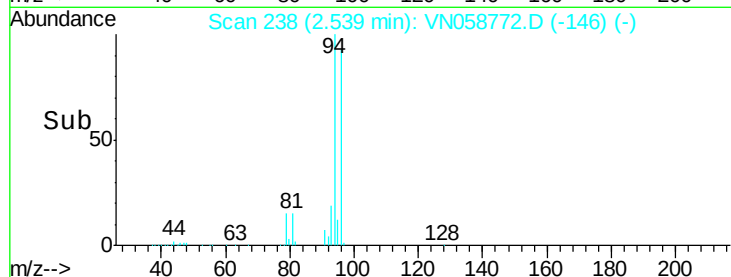
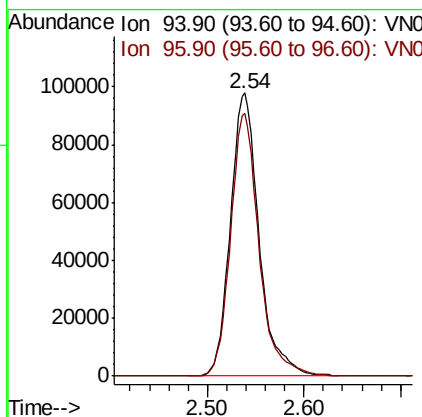
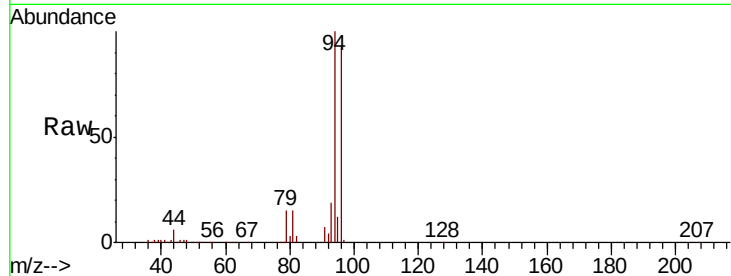
#5
Bromomethane
Concen: 51.588 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

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Tot Ion	94	Resp	201667
Ion Ratio	100	Lower	Upper
96	92.8	74.5	111.7

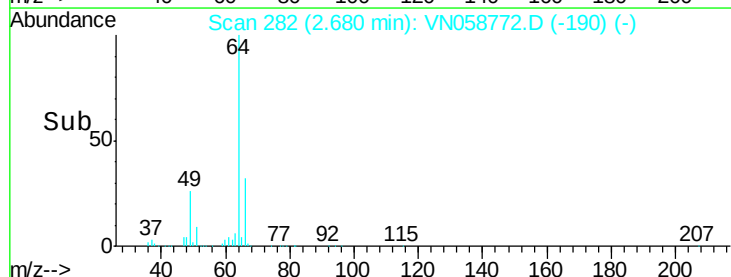
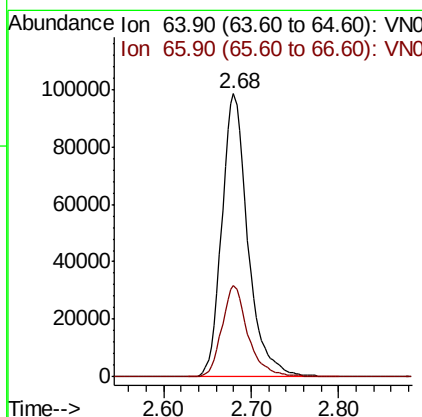
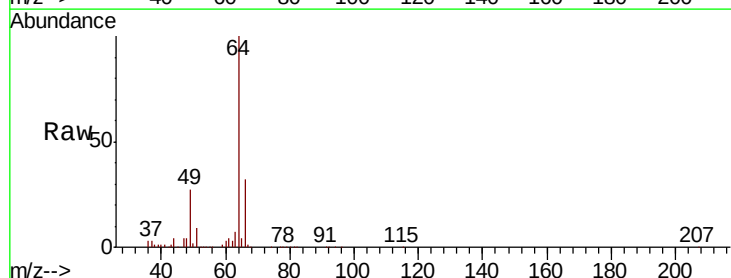
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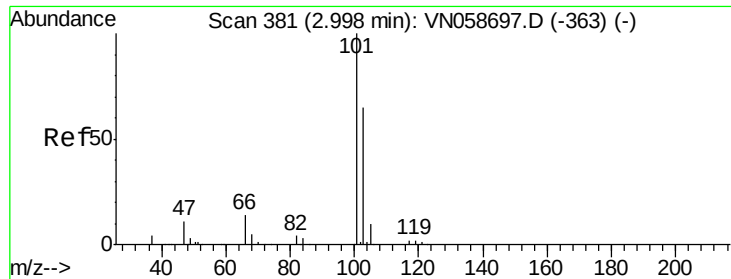
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#6
Chloroethane
Concen: 51.371 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	64	Resp	203620
Ion Ratio	100	Lower	Upper
66	32.3	25.4	38.2





#7

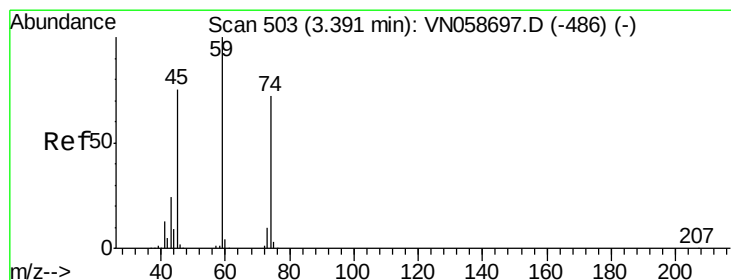
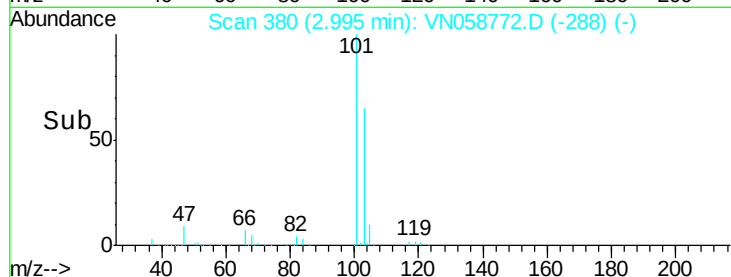
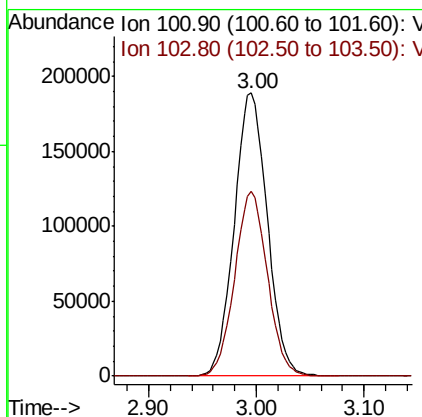
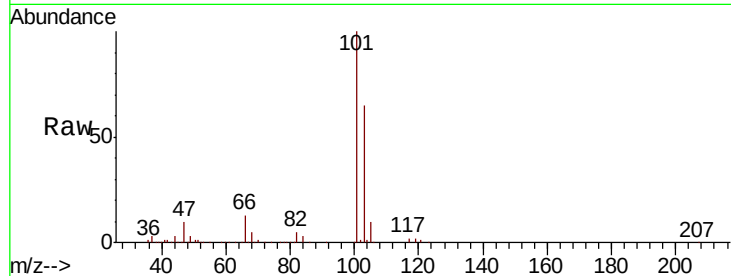
Trichlorofluoromethane
 Concen: 52.536 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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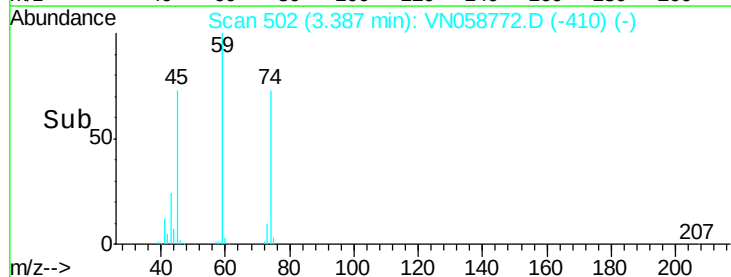
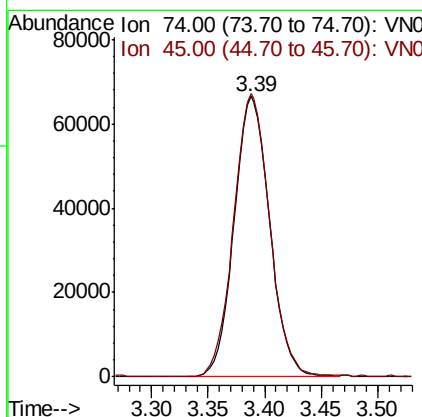
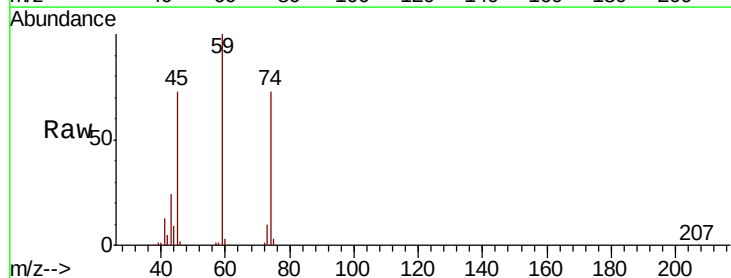
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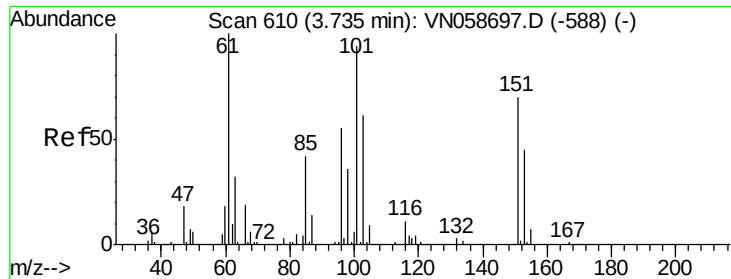


#8

Diethyl Ether
 Concen: 51.163 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.050 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

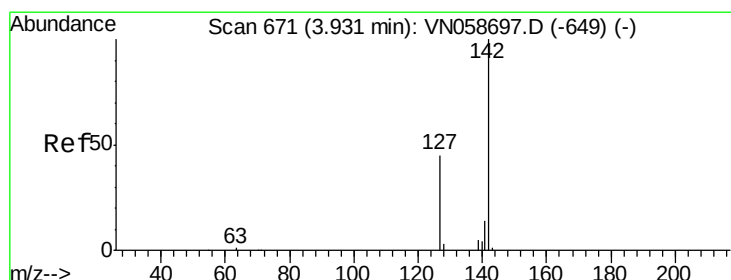
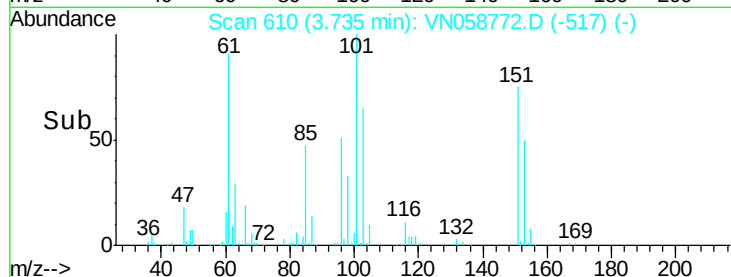
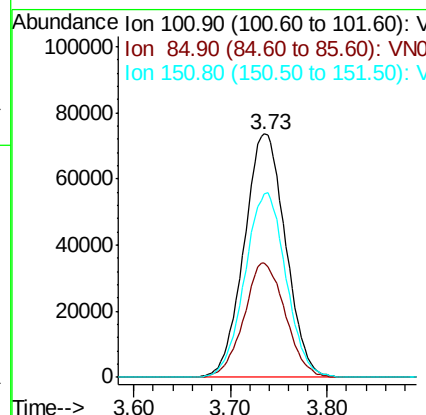
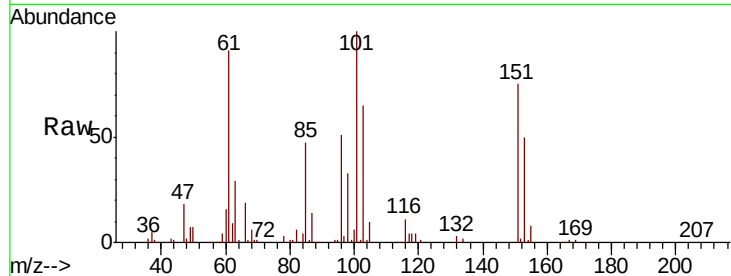
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	219476
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.0	55.6
151	75.2	61.8	92.6

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#10

Methyl Iodide

Concen: 49.821 ug/l

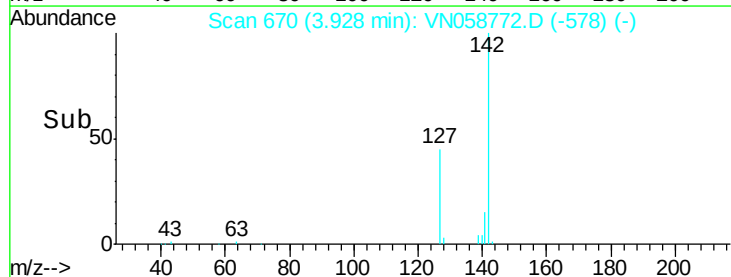
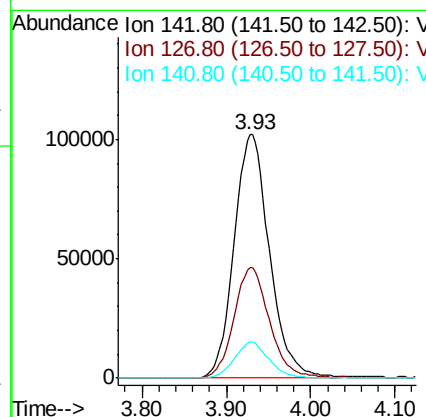
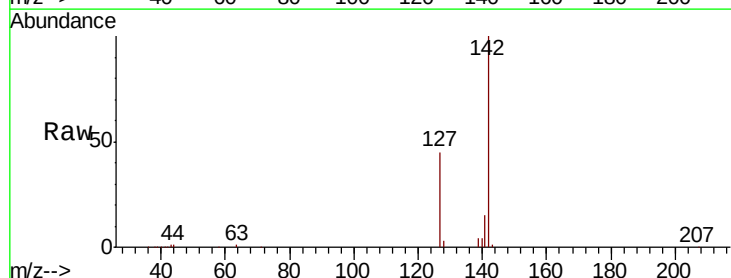
RT: 3.93 min Scan# 670

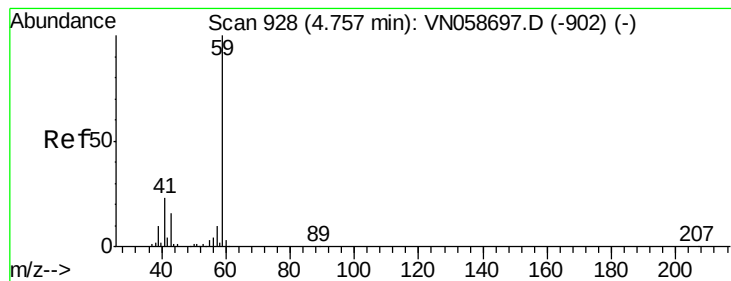
Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	142	Resp:	298132
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.4	54.6
141	14.4	11.1	16.7





#11

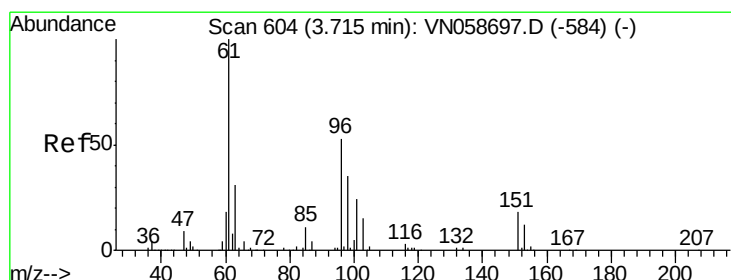
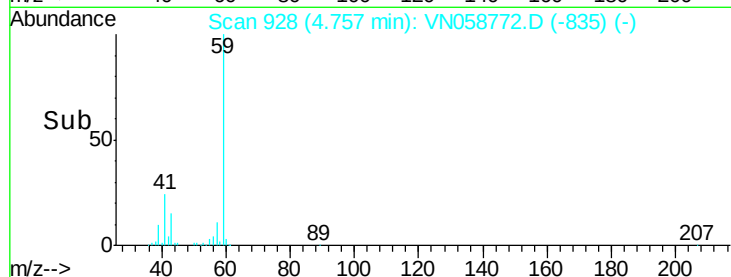
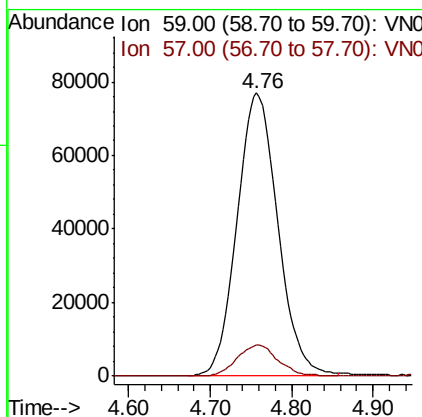
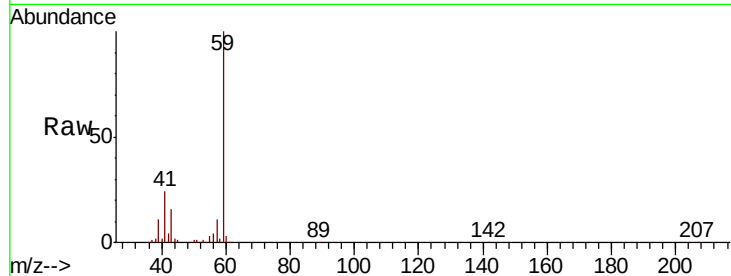
Tert butyl alcohol
 Concen: 269.724 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	266426		
57	57	11.0		8.4	12.6

Manual Integrations
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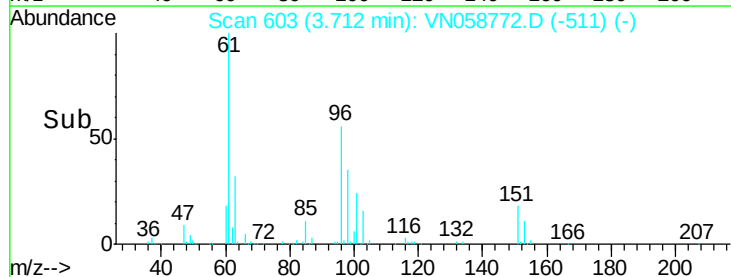
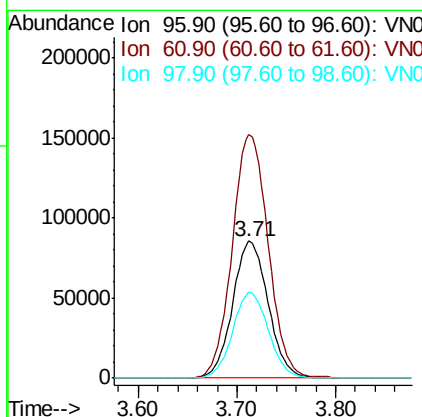
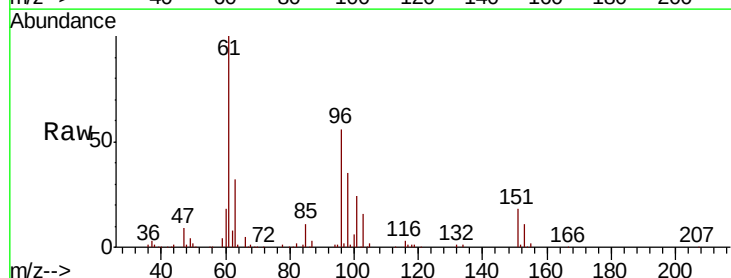
MMDadoda
 10/18/2019 12:42:30 AM

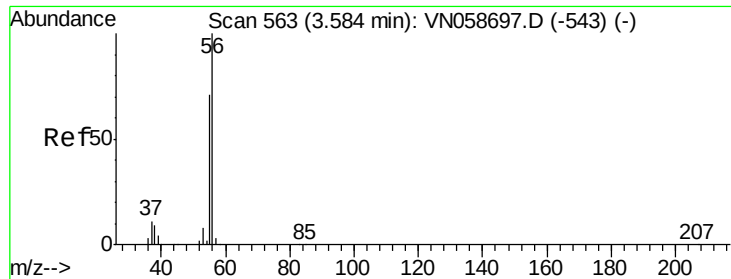


#12

1,1-Dichloroethene
 Concen: 51.151 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	214010		
61	61	177.9		151.3	226.9
98	98	62.6		52.6	78.8





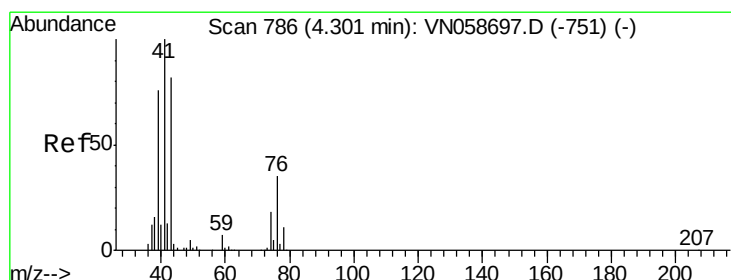
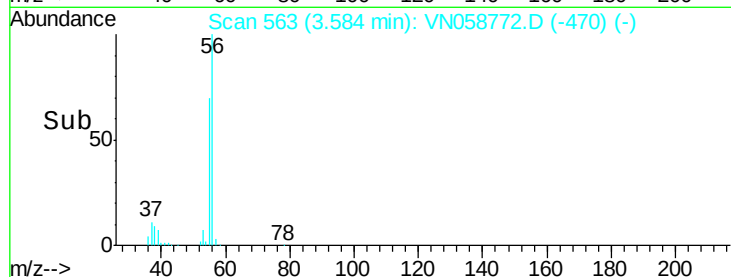
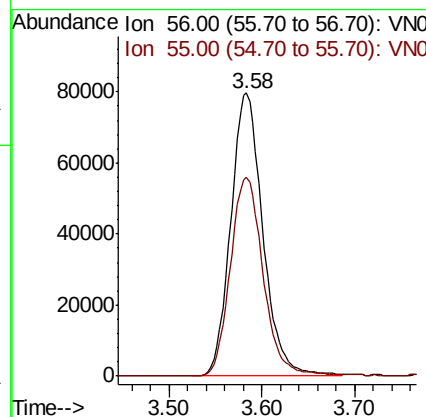
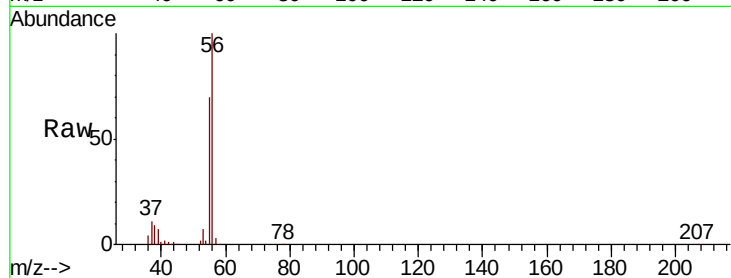
#13
Acrolein
Concen: 241.099 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	191534
Ion Ratio	Lower	Upper	
56	100		
55	71.7	56.7	85.1

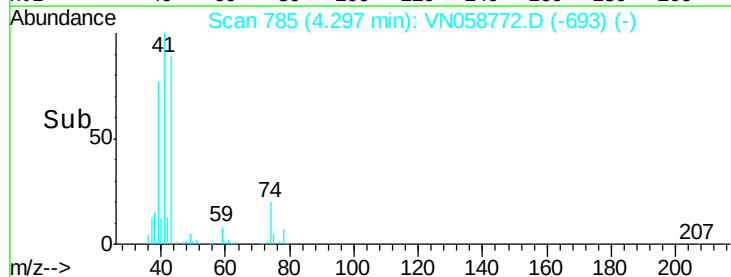
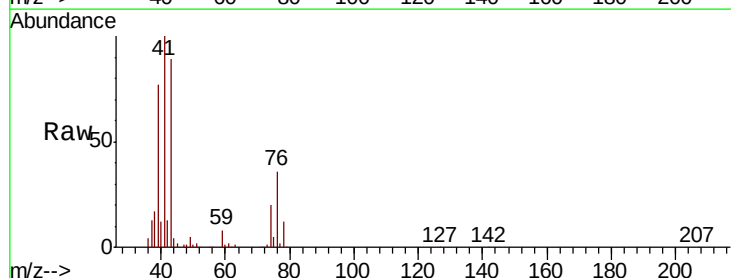
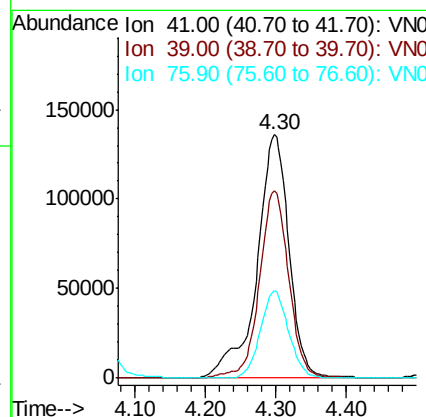
Manual Integrations
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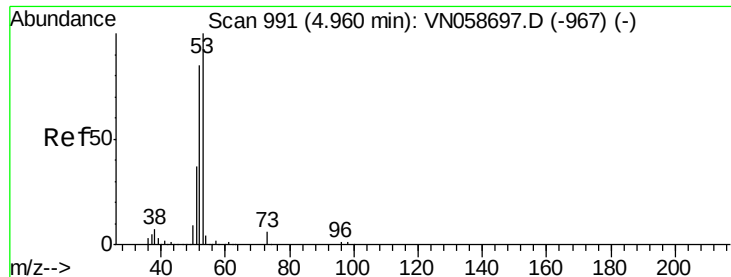
MMDadoda
10/18/2019 12:42:30 AM



#14
Allyl chloride
Concen: 51.176 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	41	Resp	432102
Ion Ratio	Lower	Upper	
41	100		
39	70.2	57.2	85.8
76	31.5	25.0	37.6





#15

Acrylonitrile

Concen: 275.355 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

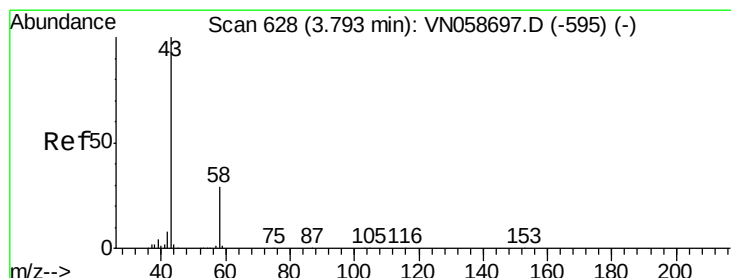
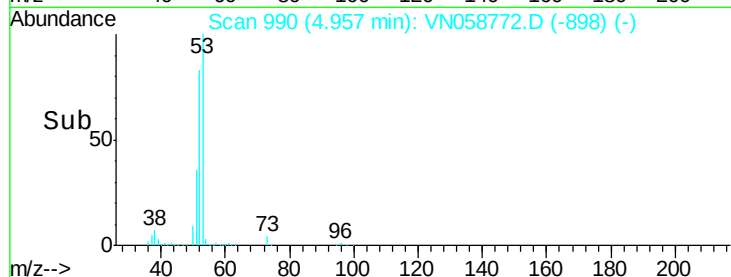
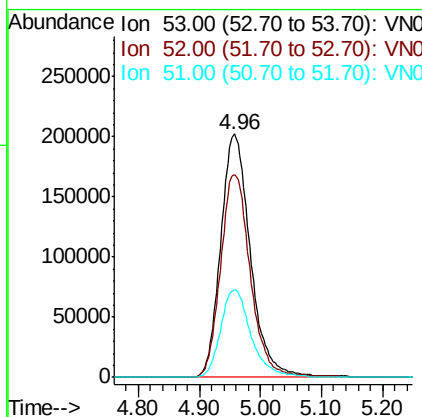
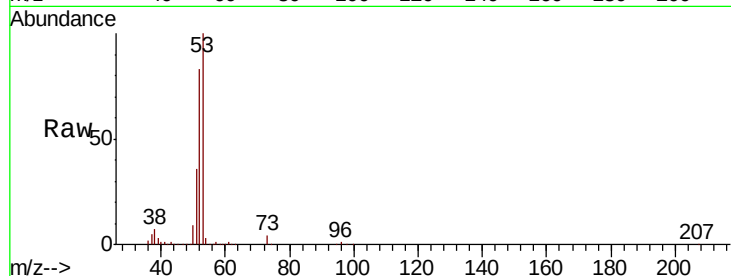
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	685911
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.2	99.2
51	36.8	29.4	44.2

Manual Integrations
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MMDadoda
10/18/2019 12:42:30 AM



#16

Acetone

Concen: 295.513 ug/l

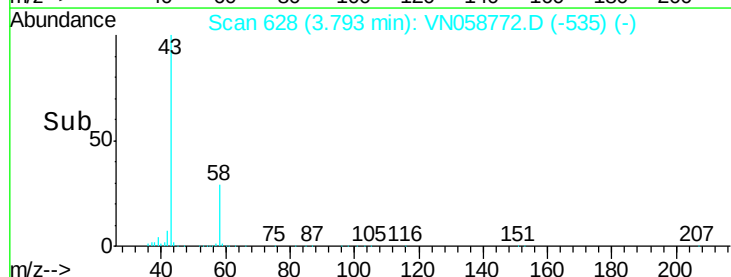
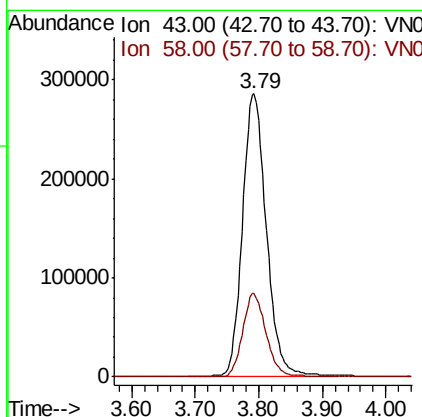
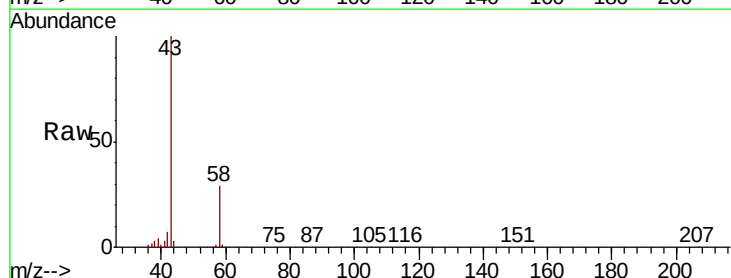
RT: 3.79 min Scan# 628

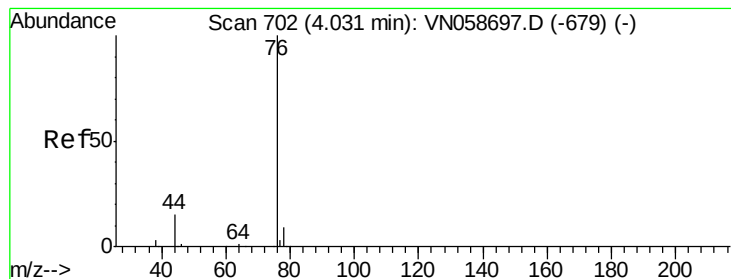
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	43	Resp:	746178
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.3	34.9





#17

Carbon Disulfide

Concen: 48.809 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 652770

Ion Ratio Lower Upper

76 100

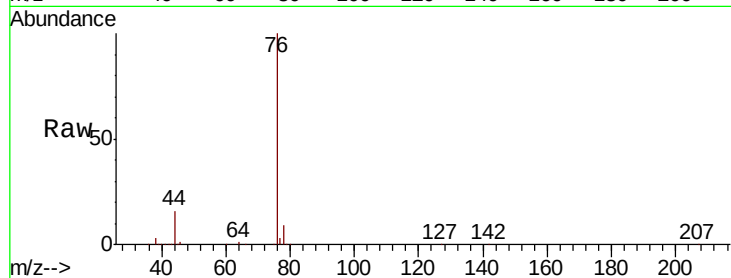
78 9.1 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

250000

200000

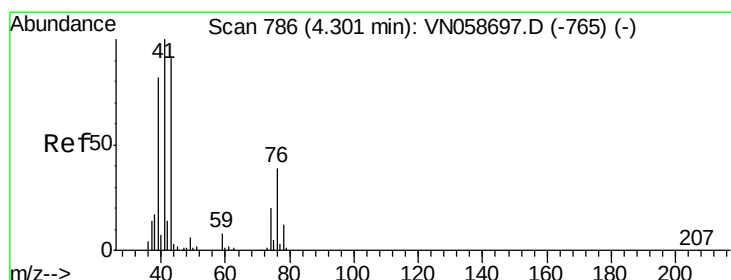
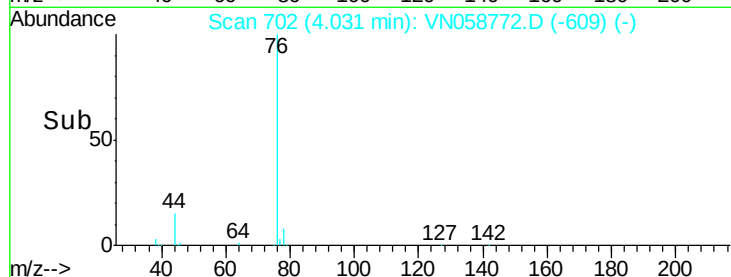
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.930 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058772.D

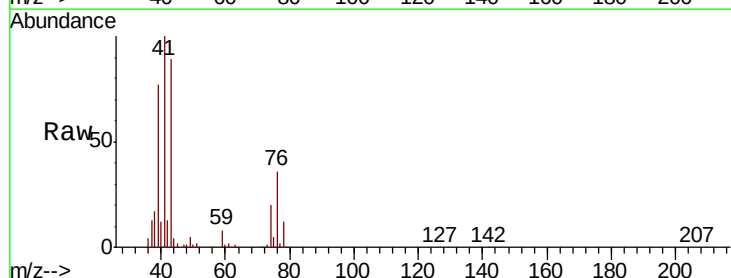
Acq: 15 Oct 2019 10:43

Tgt Ion: 43 Resp: 345418

Ion Ratio Lower Upper

43 100

74 21.6 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

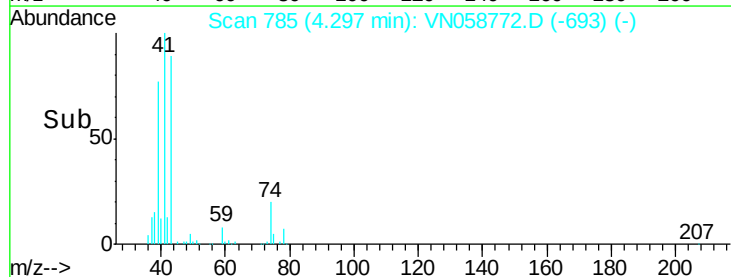
4.30

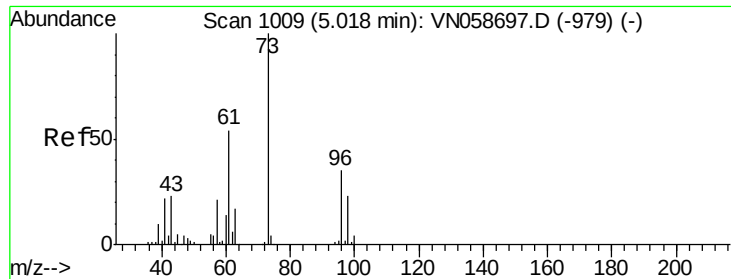
100000

50000

0

Time-->





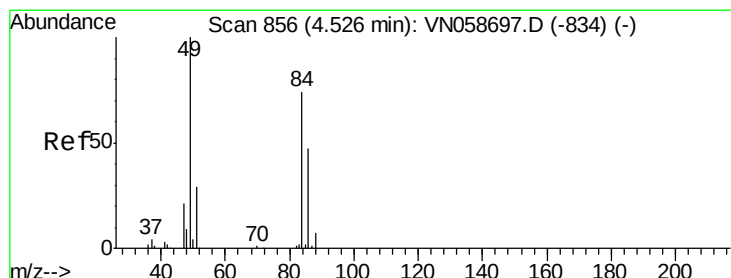
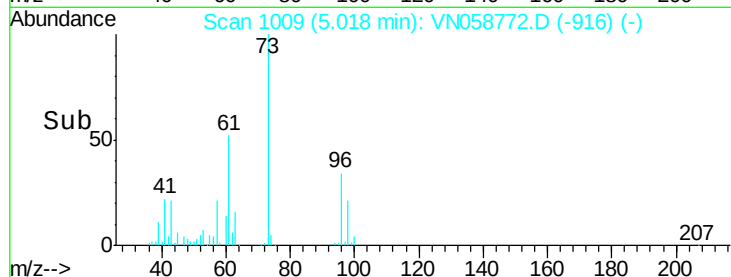
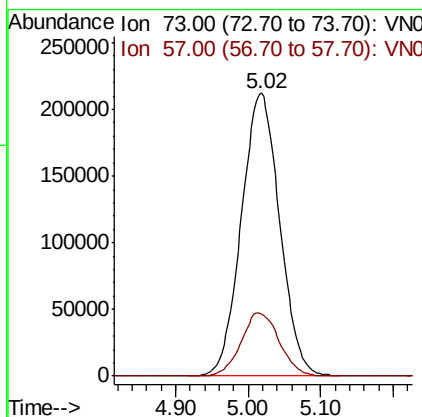
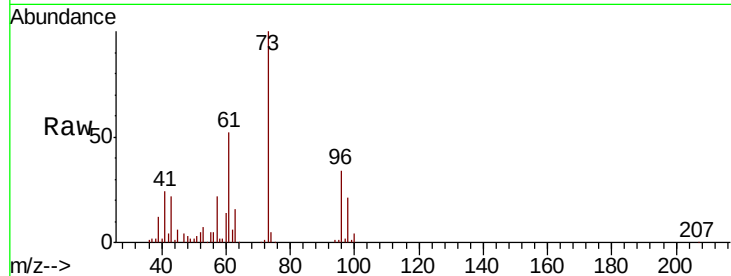
#19
Methvl tert-butvl Ether
Concen: 52.209 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 780006
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6

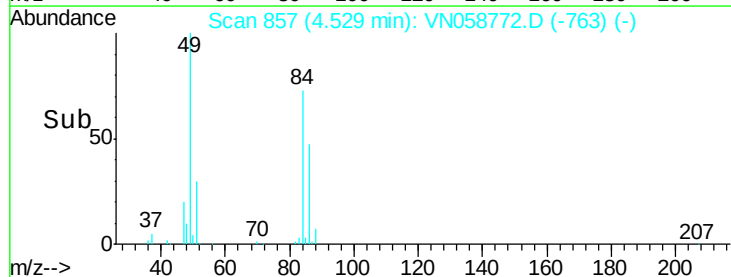
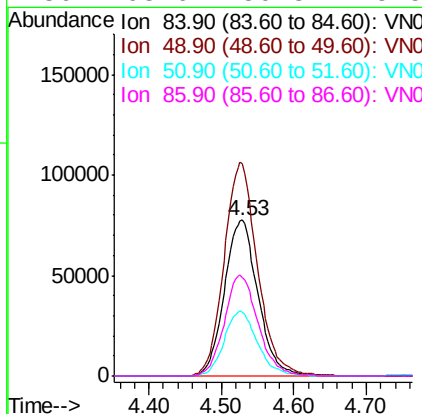
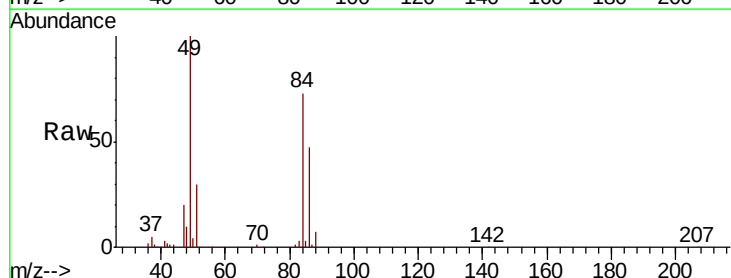
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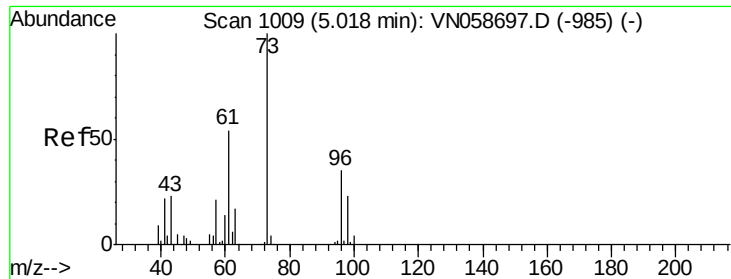
MMDadoda
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#20
Methylene Chloride
Concen: 47.176 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion: 84 Resp: 248959
Ion Ratio Lower Upper
84 100
49 135.9 107.6 161.4
51 41.3 31.4 47.0
86 63.6 50.3 75.5





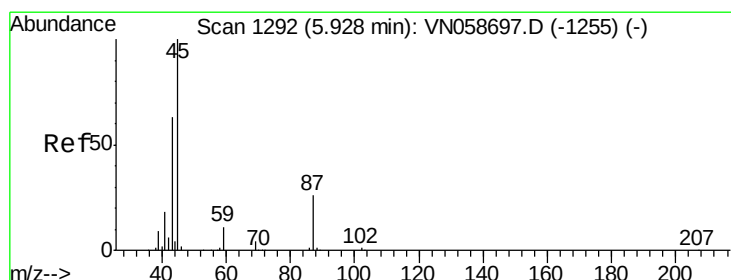
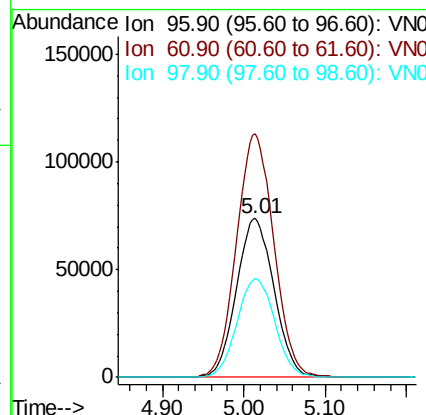
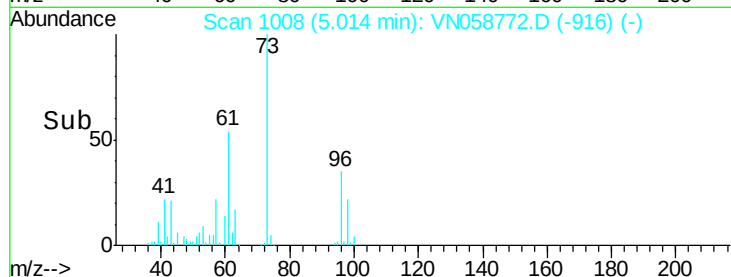
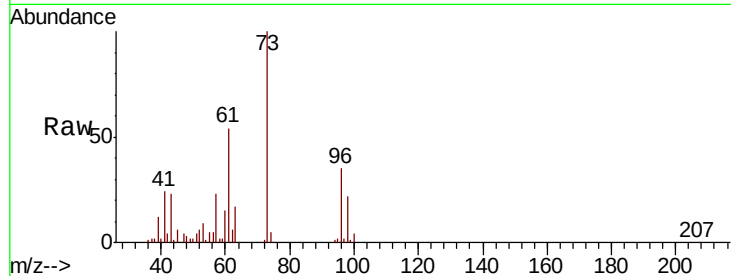
#21
trans-1,2-Dichloroethene
Concen: 50.462 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.8	123.6	185.4
98	62.1	52.1	78.1

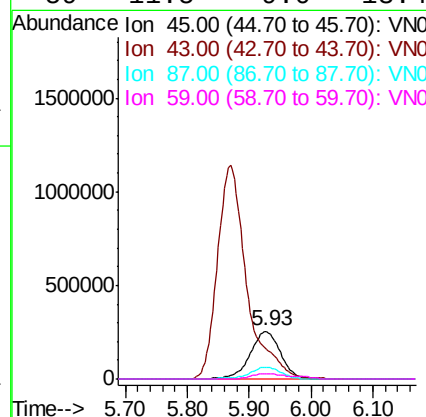
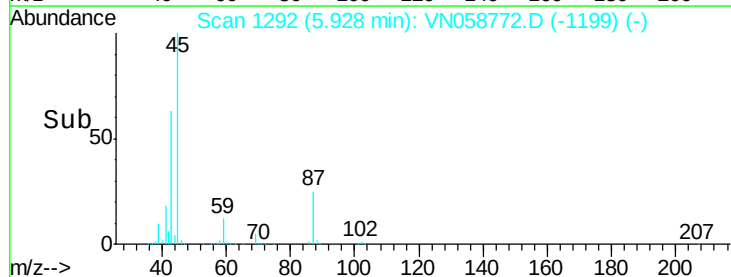
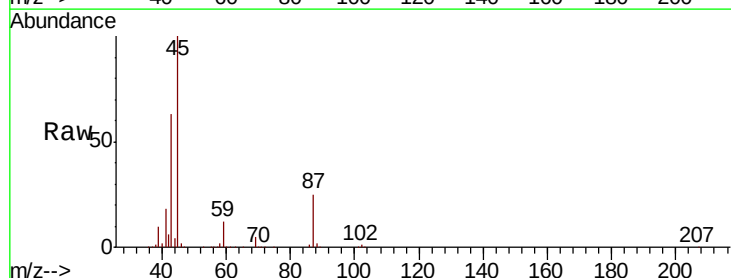
Manual Integrations
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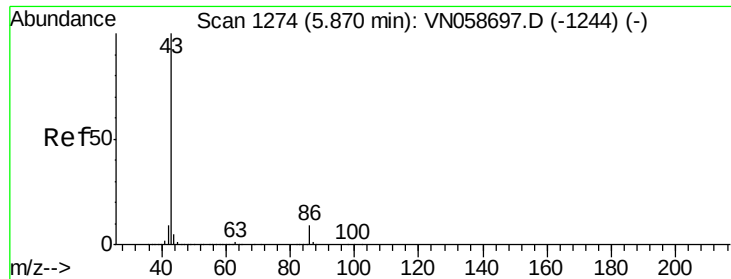
MMDadoda
10/18/2019 12:42:30 AM



#22
Diisopropyl ether
Concen: 52.809 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.9	50.6	75.8
87	25.3	21.1	31.7
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 283.893 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3760660

Ion Ratio Lower Upper

43 100

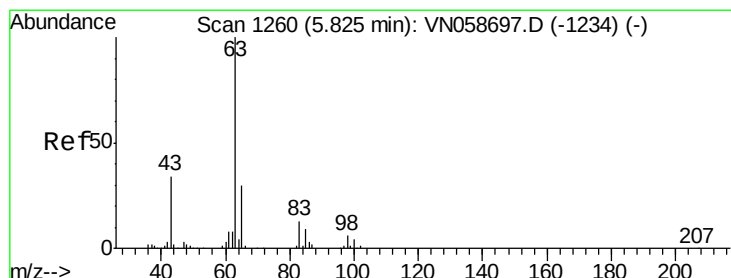
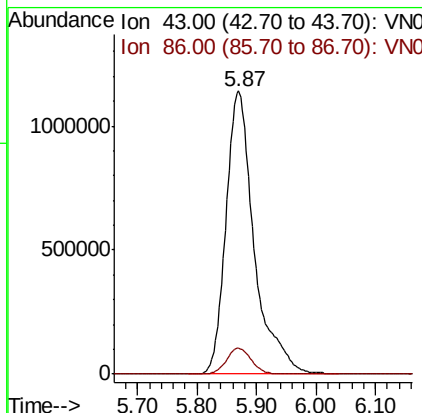
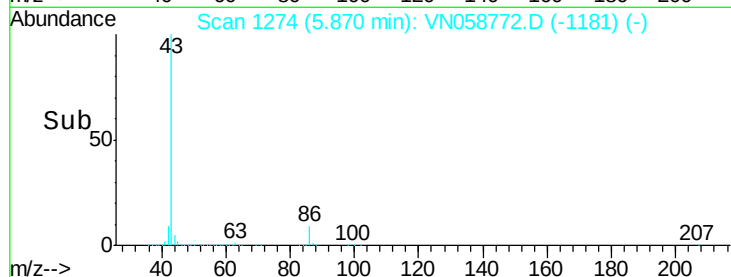
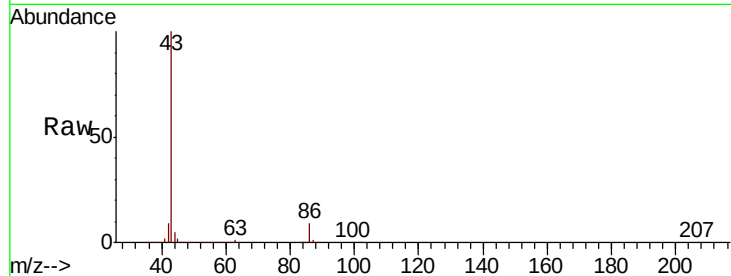
86 9.2 7.4 11.0

Manual Integrations

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MMDadoda

10/18/2019 12:42:30 AM



#24

1,1-Dichloroethane

Concen: 51.080 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

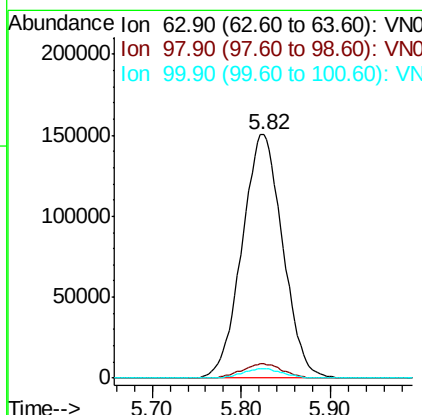
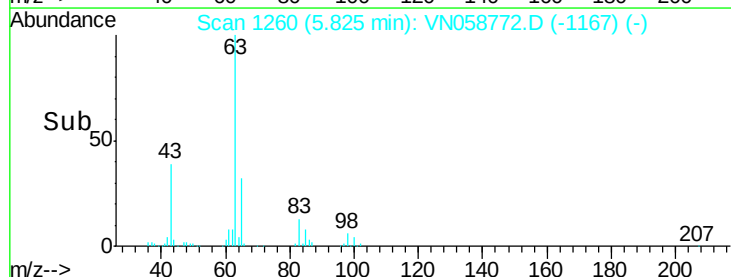
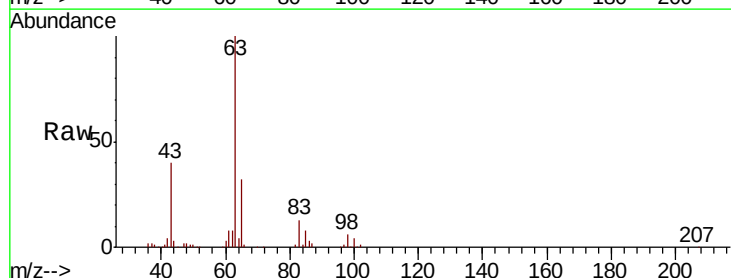
Tgt Ion: 63 Resp: 477593

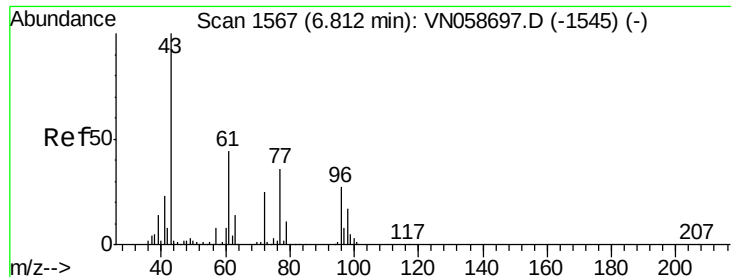
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 282.187 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1029885

Ion Ratio Lower Upper

43 100

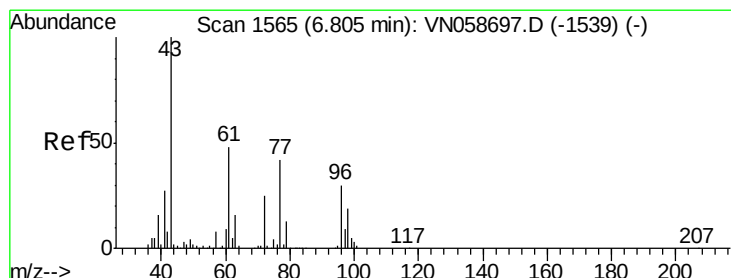
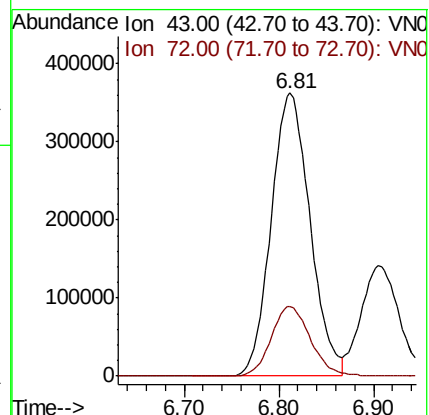
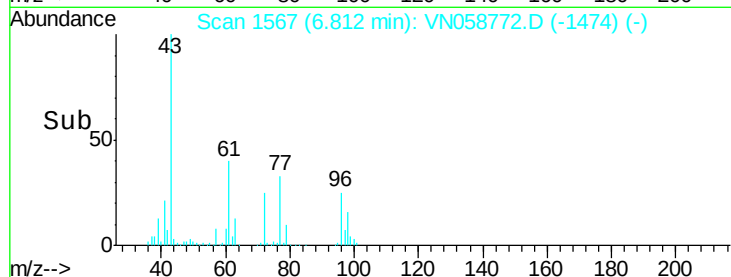
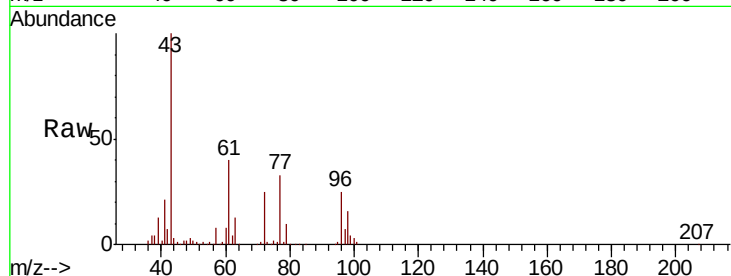
72 24.7 20.2 30.2

Manual Integrations

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MMDadoda

10/18/2019 12:42:30 AM



#26

2,2-Dichloropropane

Concen: 50.215 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058772.D

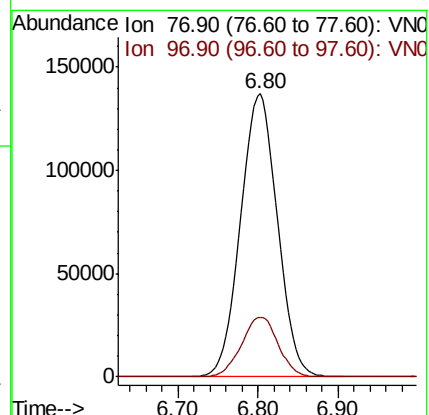
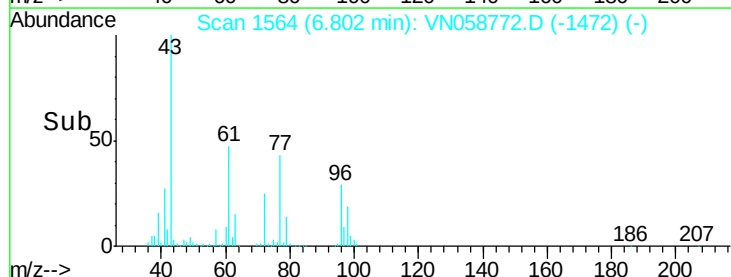
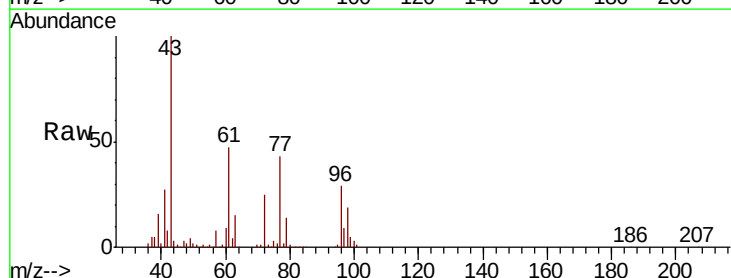
Acq: 15 Oct 2019 10:43

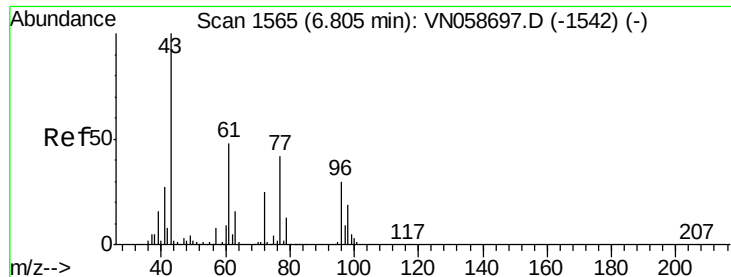
Tgt Ion: 77 Resp: 428578

Ion Ratio Lower Upper

77 100

97 21.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.343 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

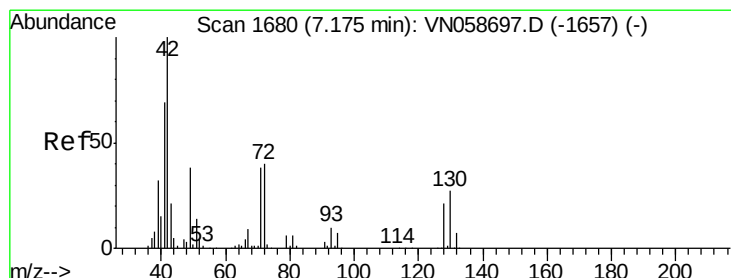
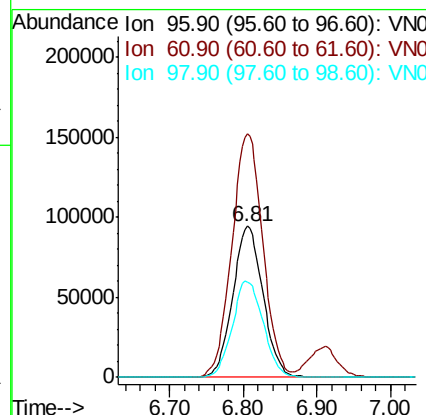
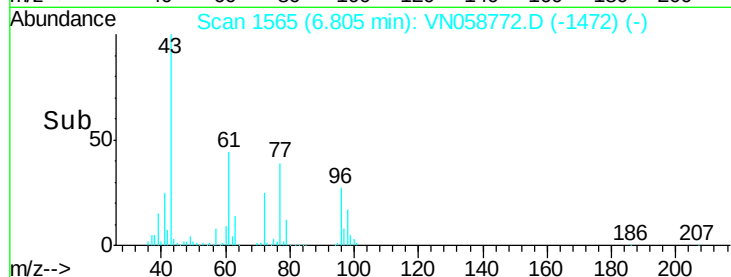
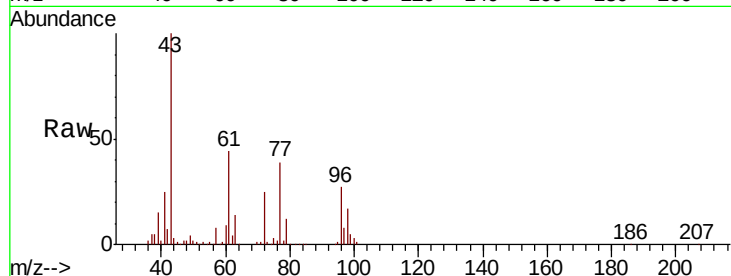
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	269286
Ion Ratio	Lower	Upper	
96	100		
61	165.2	0.0	324.8
98	65.3	0.0	129.2

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#28

Bromochloromethane

Concen: 50.579 ug/l

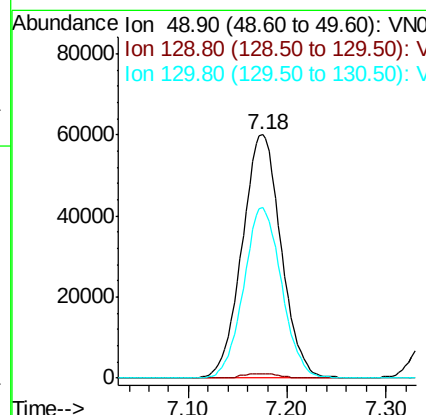
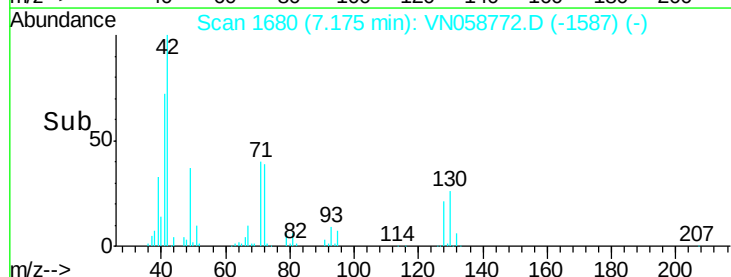
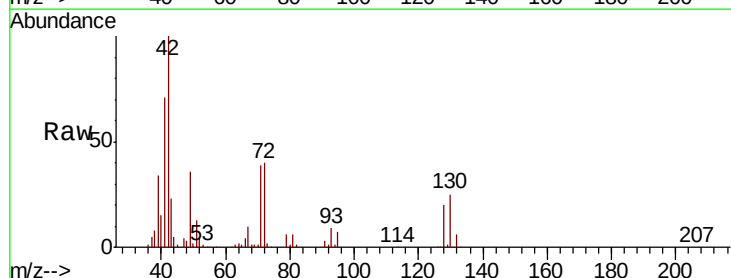
RT: 7.18 min Scan# 1680

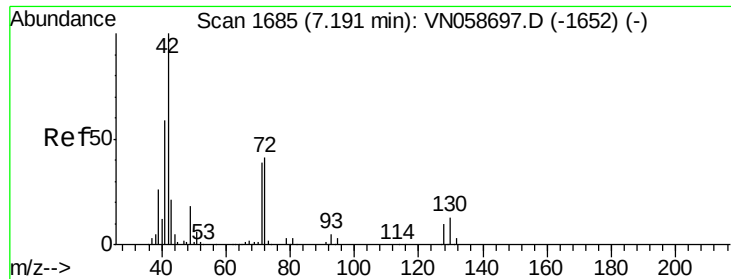
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	49	Resp:	164522
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.6
130	68.1	55.0	82.4





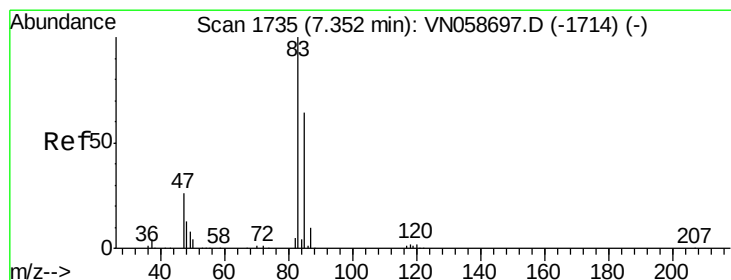
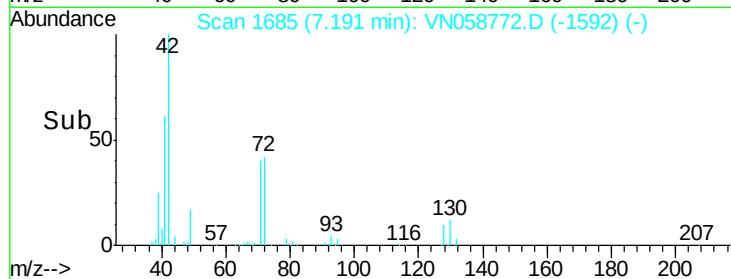
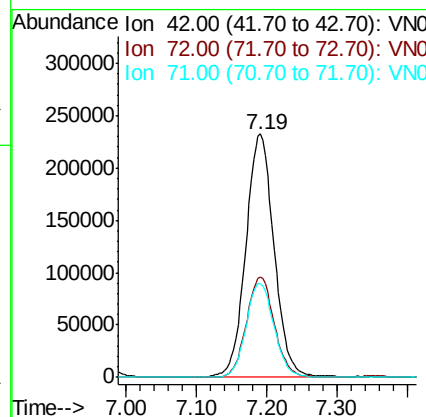
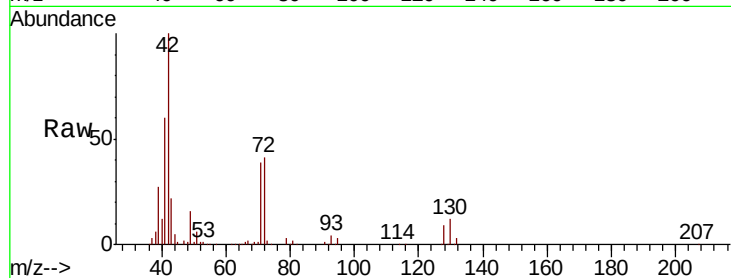
#29
Tetrahydrofuran
Concen: 273.909 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.8	49.2
71	38.6	31.1	46.7

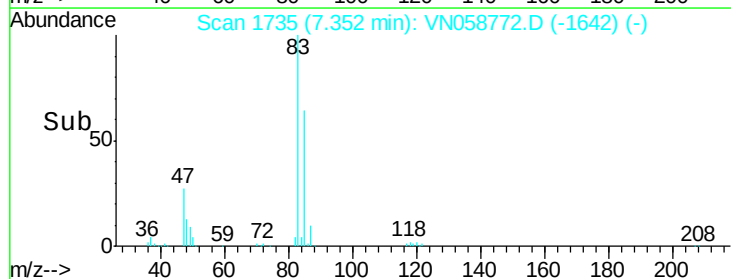
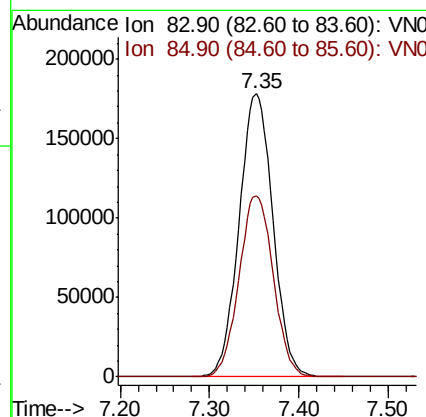
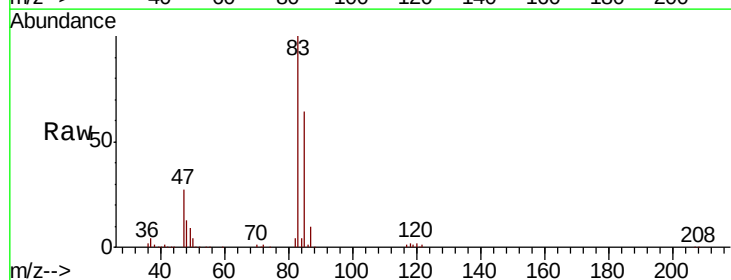
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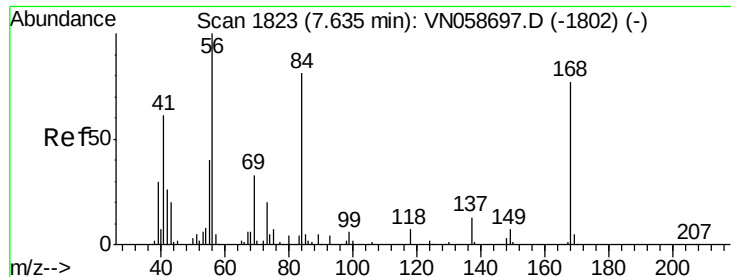
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#30
Chloroform
Concen: 50.021 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.6





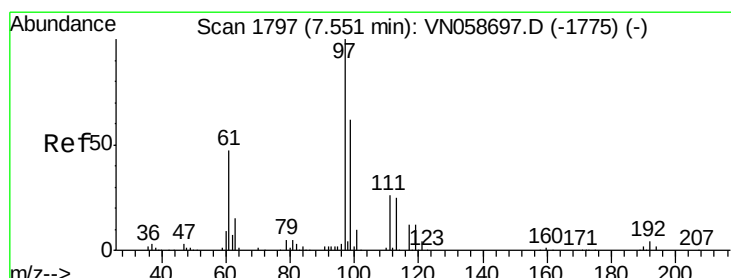
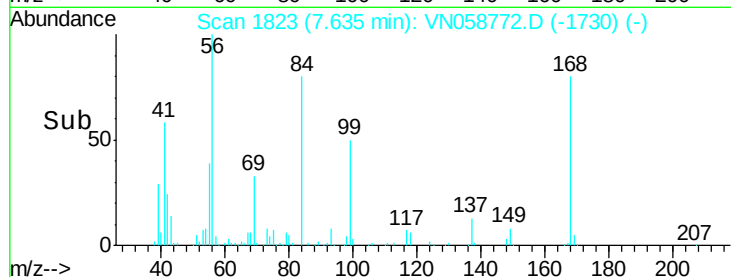
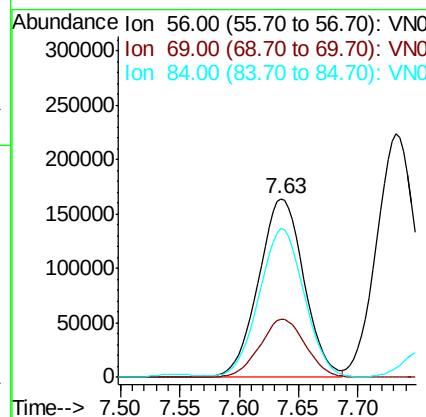
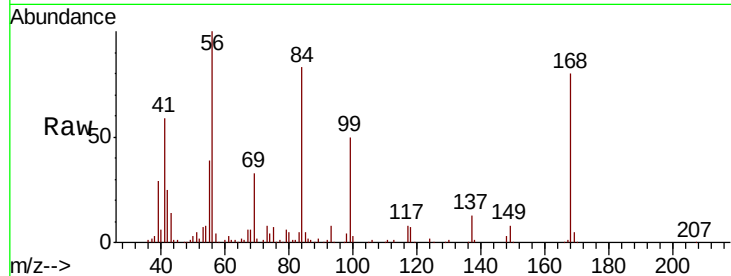
#31
Cyclohexane
Concen: 48.551 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.2	39.4
84	81.6	64.9	97.3

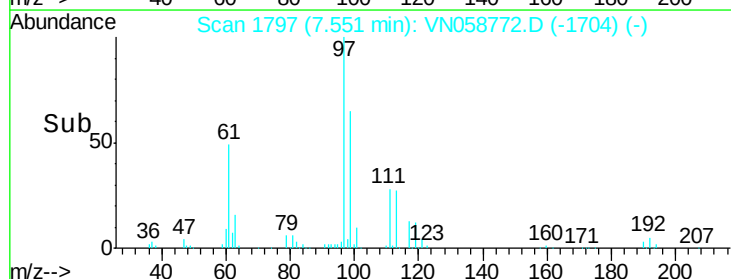
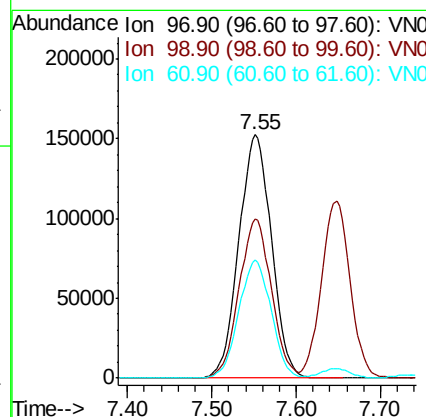
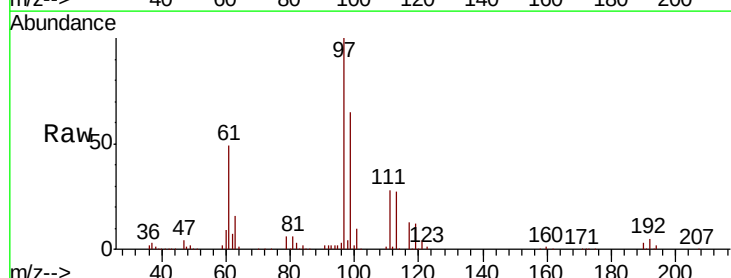
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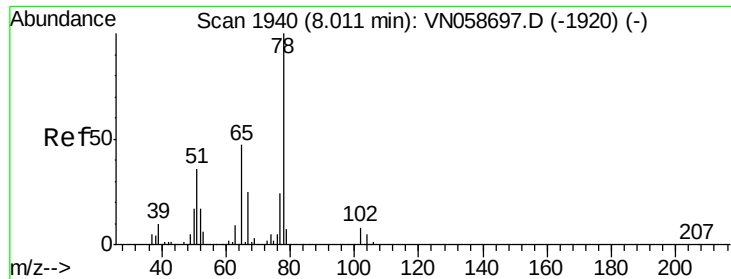
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.400 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	48.1	38.1	57.1





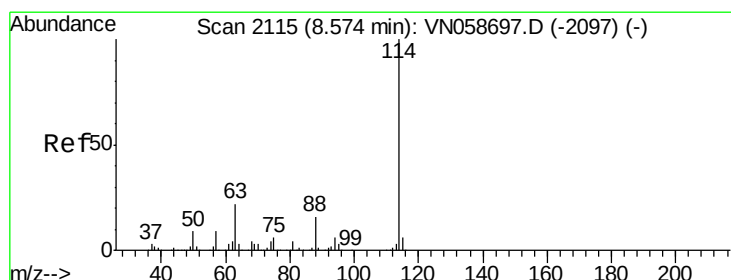
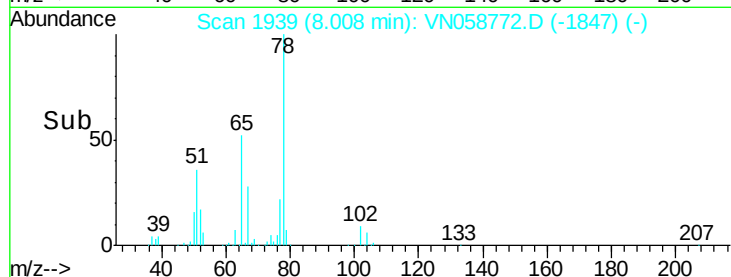
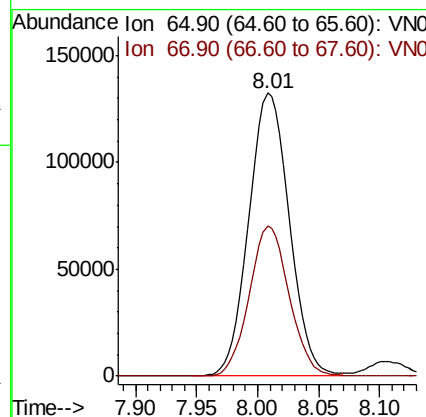
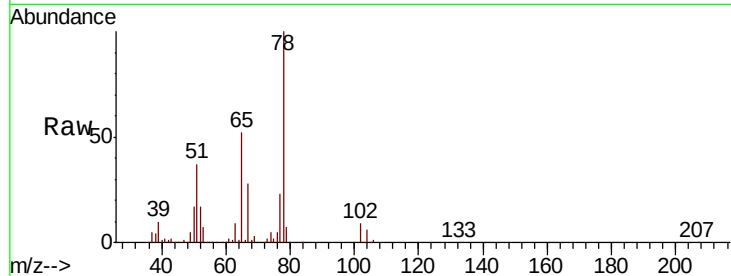
#33
 1,2-Dichloroethane-d4
 Concen: 50.026 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	305120		
67	52.1	0.0	103.8	

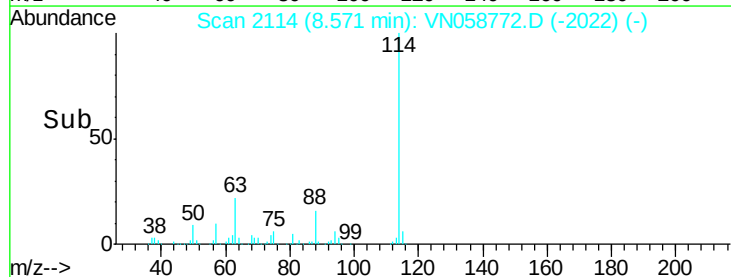
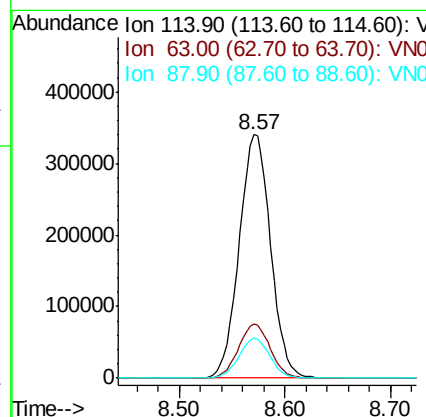
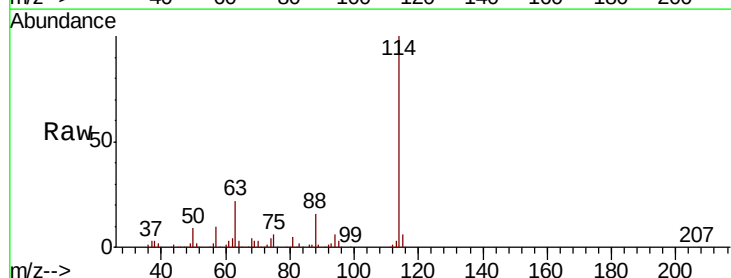
Manual Integrations
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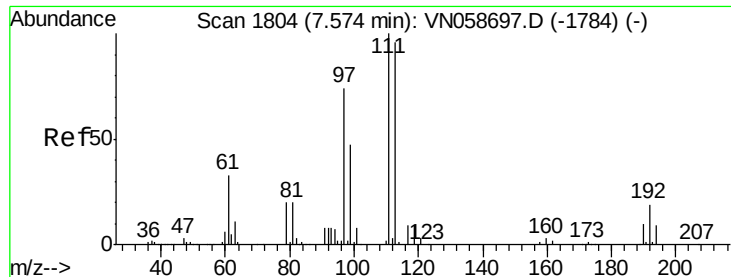
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	702620		
63	22.3	0.0	43.8	
88	16.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.689 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

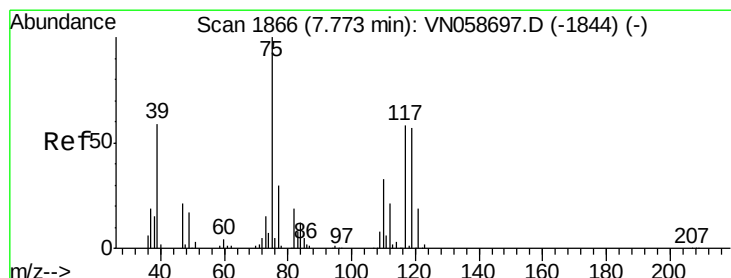
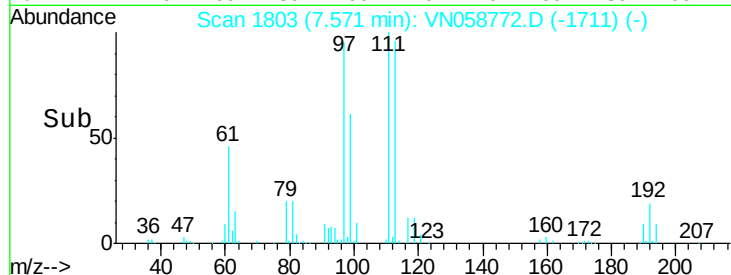
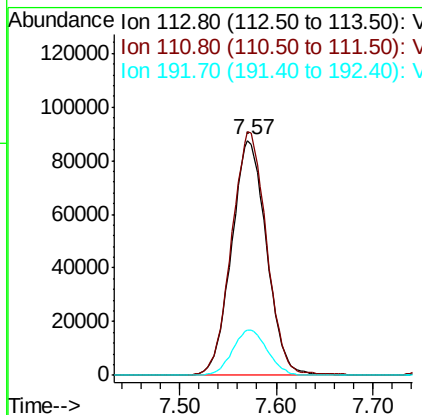
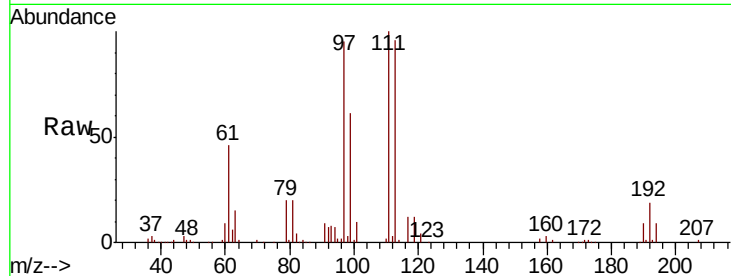
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	219988
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.3	123.5
192	19.2	15.0	22.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.662 ug/l

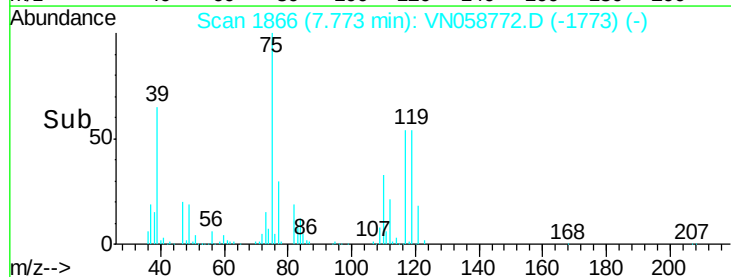
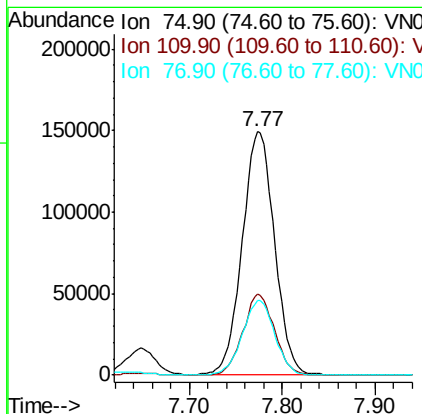
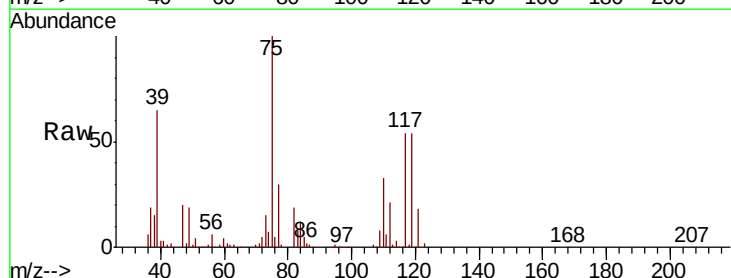
RT: 7.77 min Scan# 1866

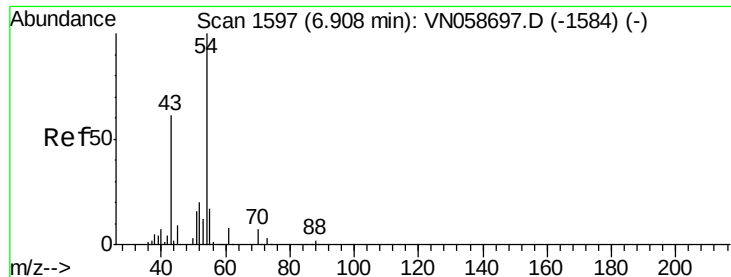
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	75	Resp:	359904
Ion Ratio	Lower	Upper	
75	100		
110	32.5	16.6	49.8
77	31.0	24.6	37.0





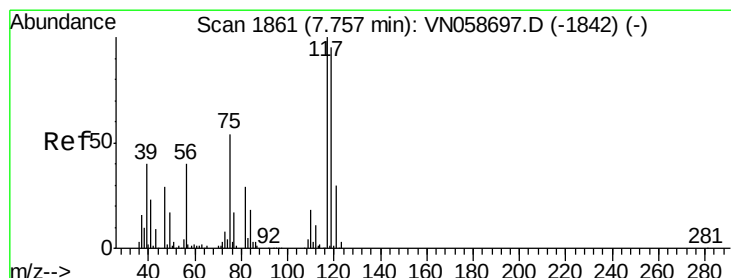
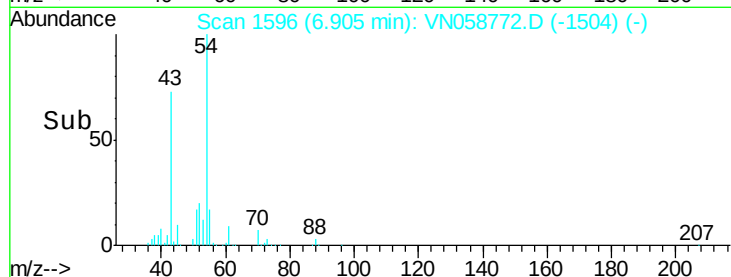
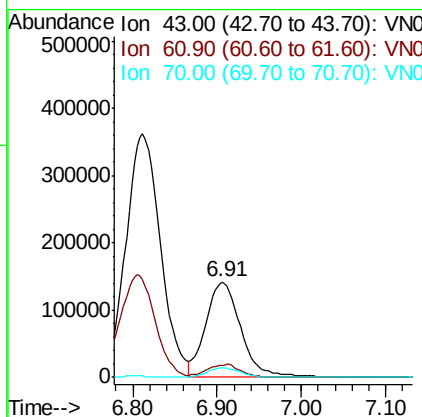
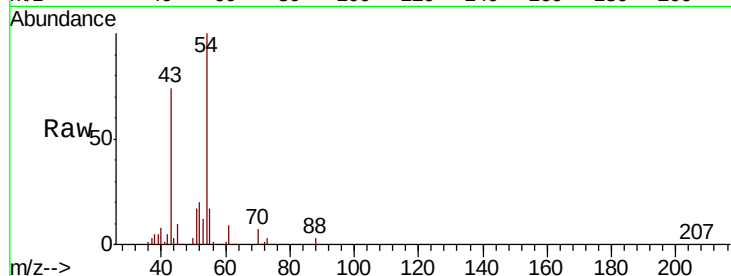
#37
Ethyl Acetate
Concen: 56.244 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	9.6	7.2	10.8

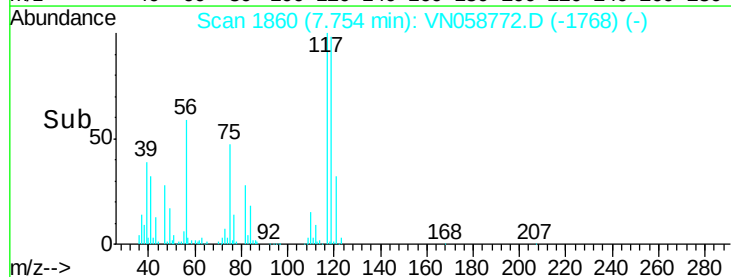
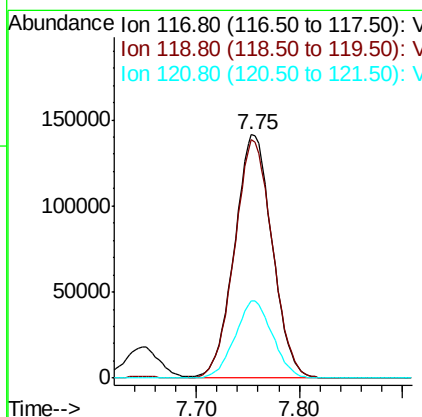
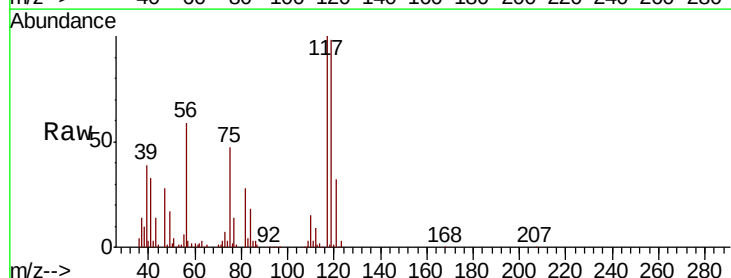
Manual Integrations
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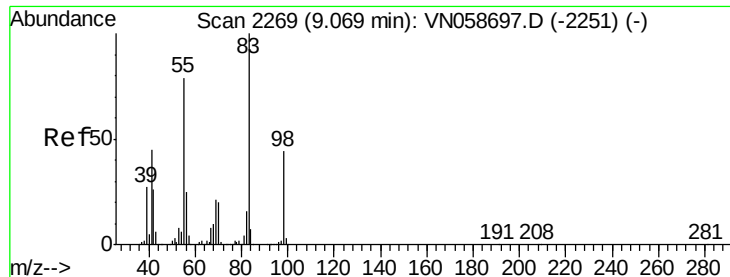
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#38
Carbon Tetrachloride
Concen: 51.980 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.7	113.5
121	31.5	23.9	35.9





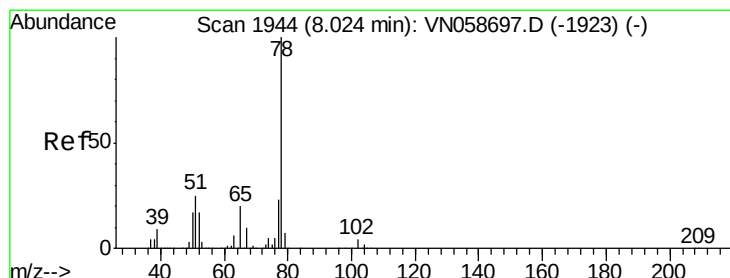
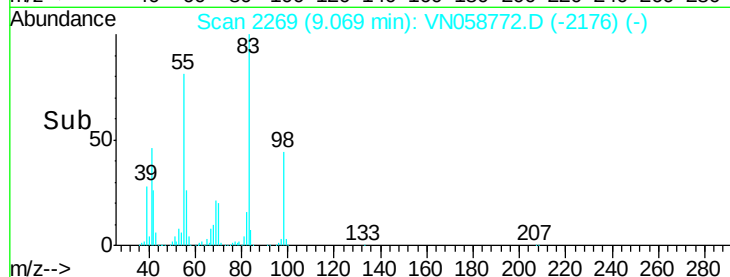
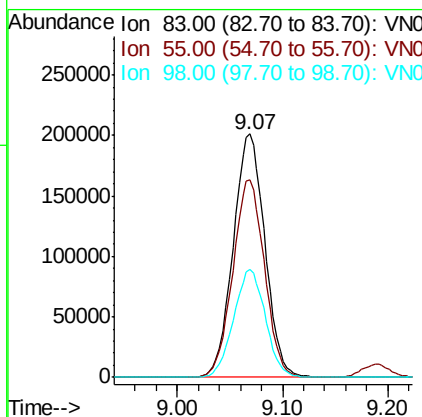
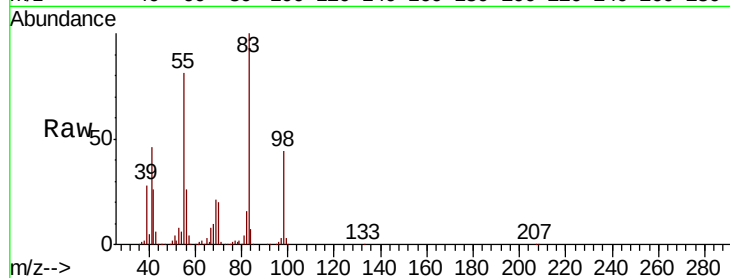
#39
Methylvlcyclohexane
Concen: 50.687 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	63.4	95.0
98	44.4	35.1	52.7

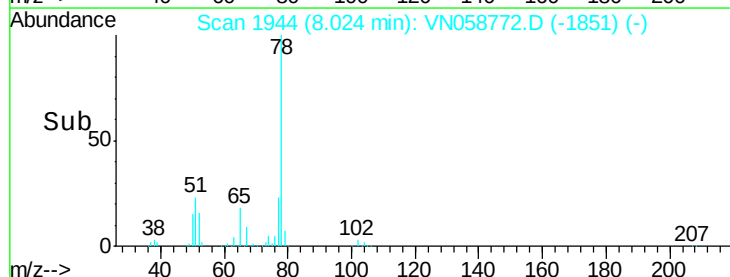
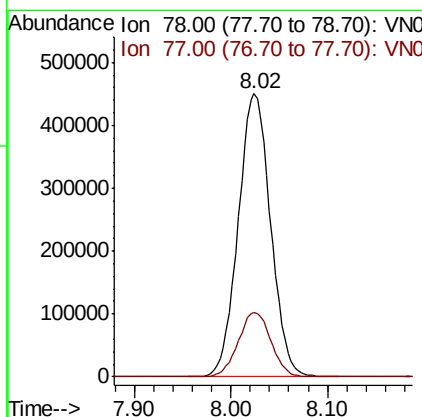
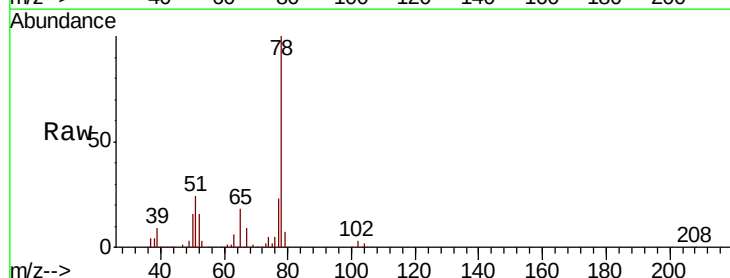
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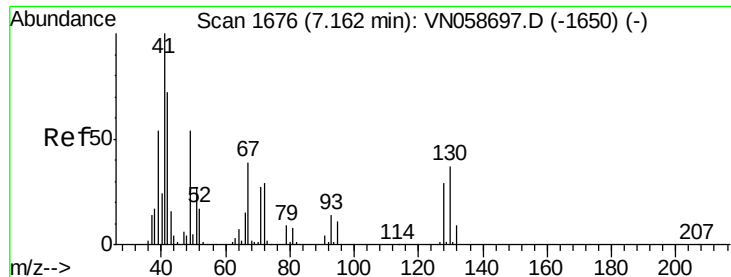
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#40
Benzene
Concen: 51.244 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





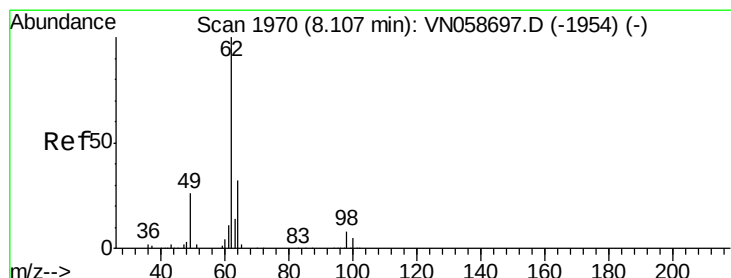
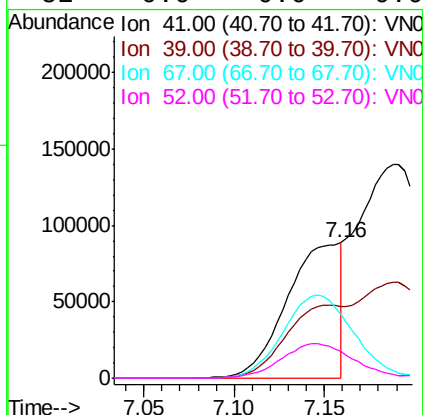
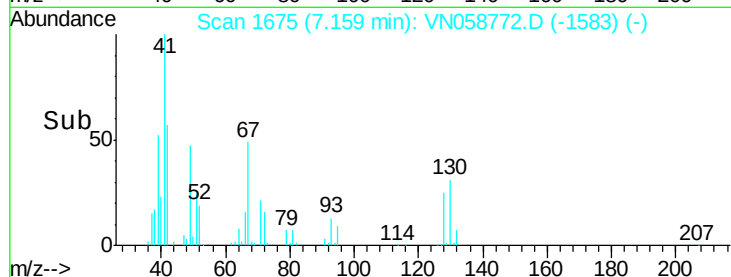
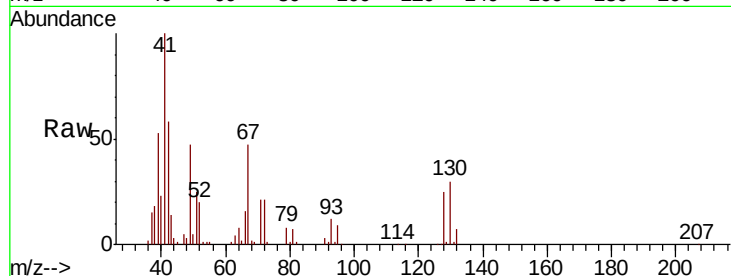
#41
Methacrylonitrile
Concen: 54.850 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	115.4	173.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

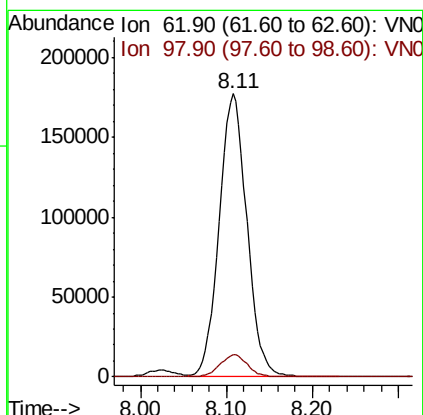
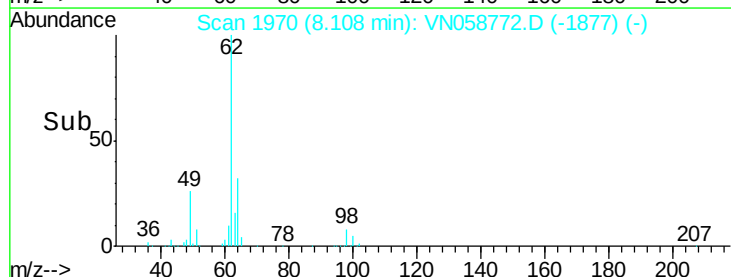
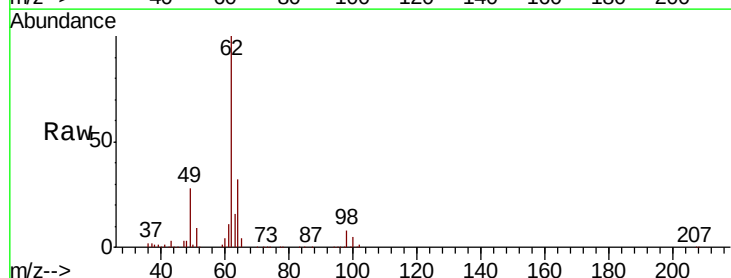
Manual Integrations
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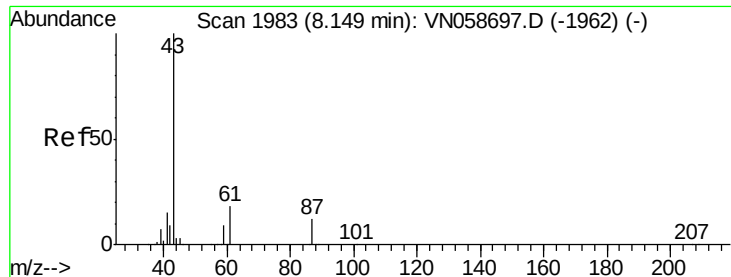
MMDadoda
10/18/2019 12:42:30 AM



#42
1,2-Dichloroethane
Concen: 50.594 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





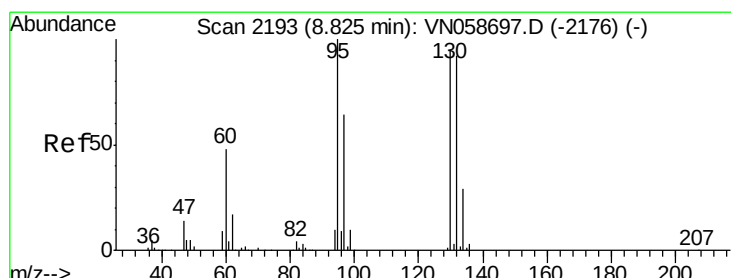
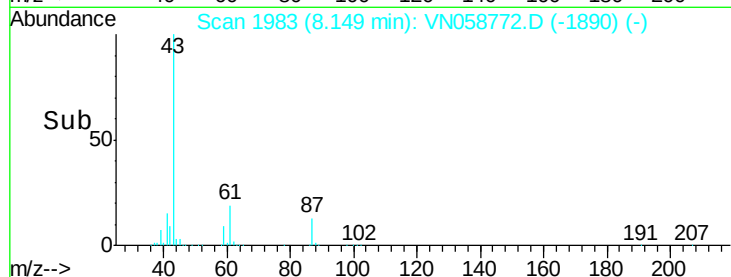
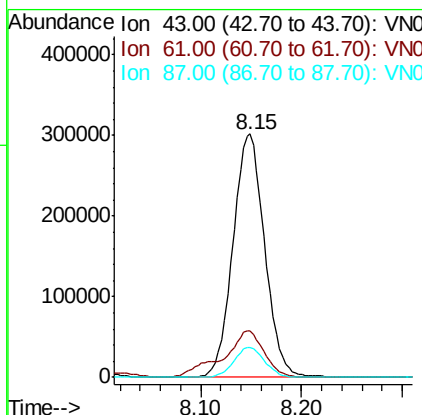
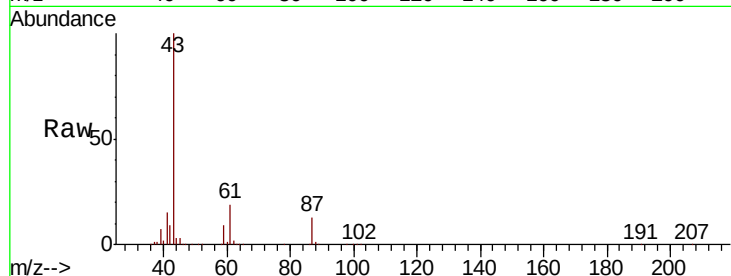
#43
Isopropyl Acetate
Concen: 53.517 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.7	20.3	30.5
87	12.1	9.8	14.6

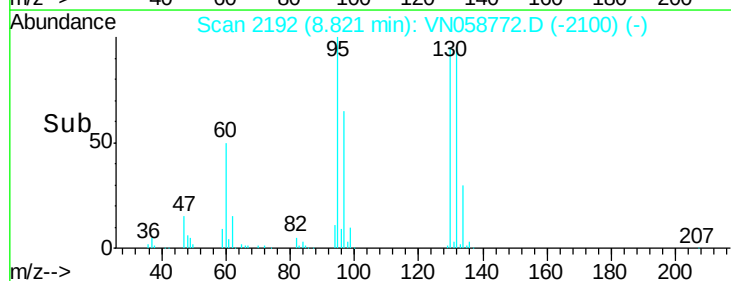
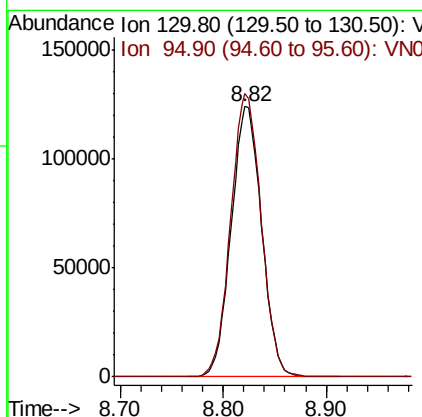
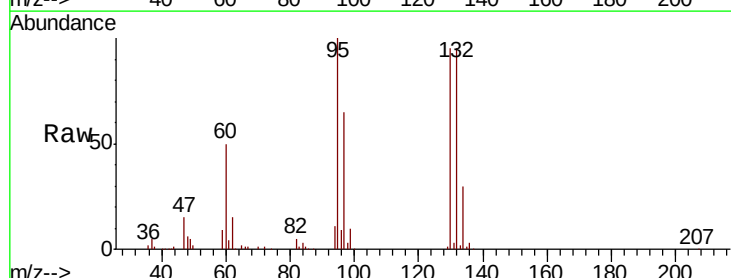
Manual Integrations
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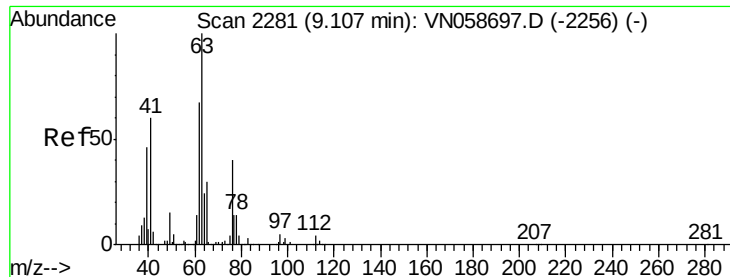
MMDadoda
10/18/2019 12:42:30 AM



#44
Trichloroethene
Concen: 50.356 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	211.2





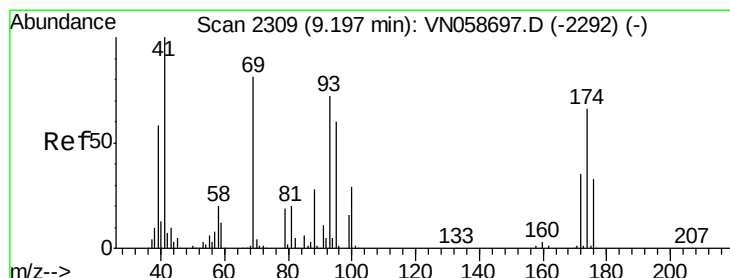
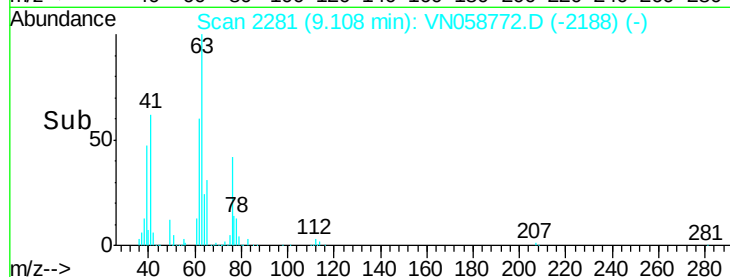
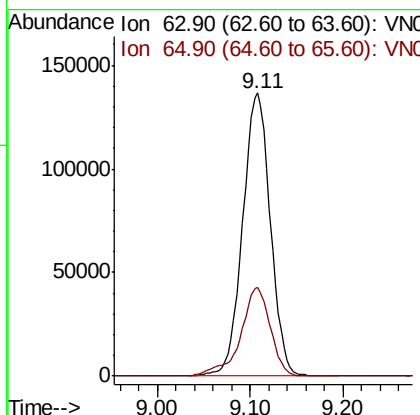
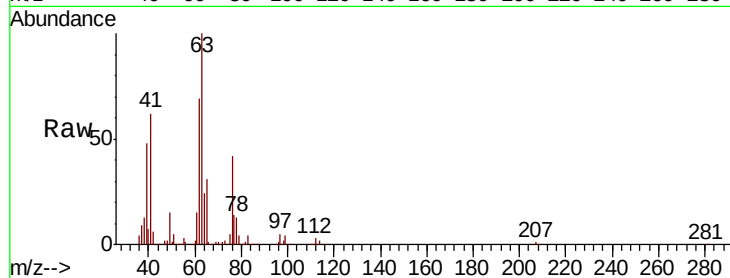
#45
 1,2-Dichloropropane
 Concen: 51.831 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.1	36.1

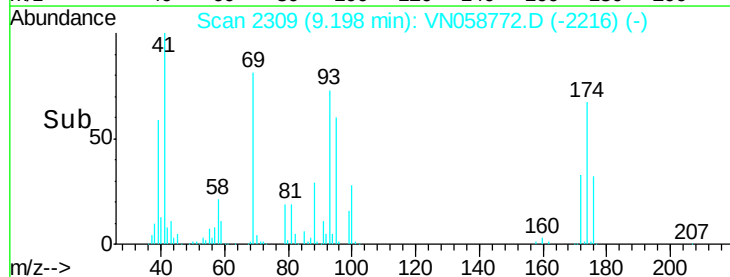
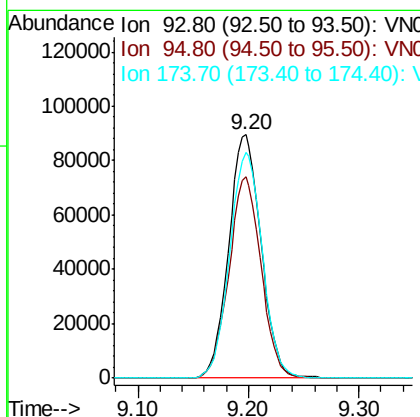
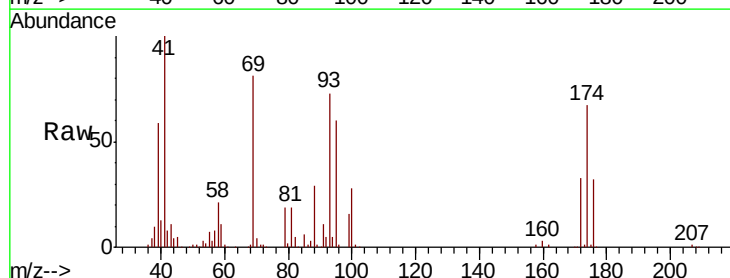
Manual Integrations
 APPROVED

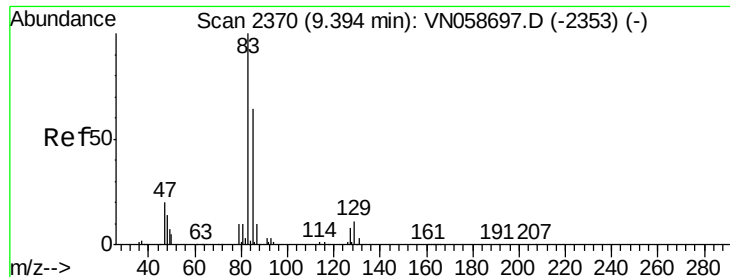
MMDadoda
 10/18/2019 12:42:30 AM



#46
 Dibromomethane
 Concen: 52.480 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.6	100.0
174	93.4	75.2	112.8





#47

Bromodichloromethane

Concen: 53.229 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

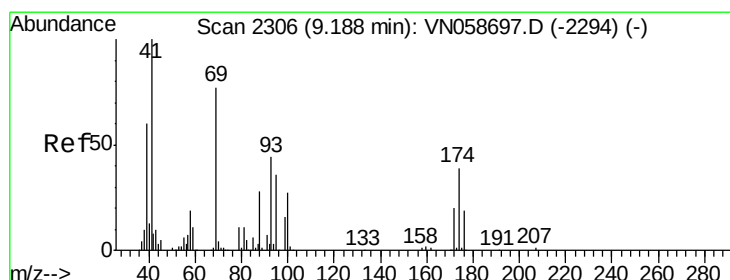
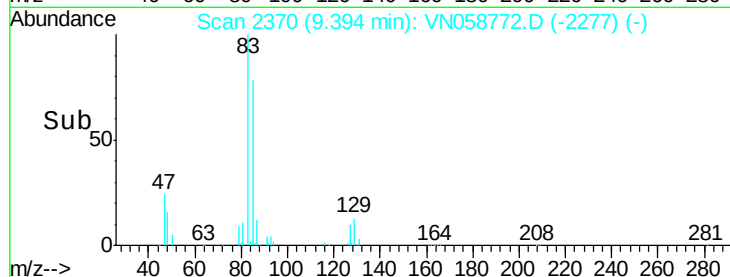
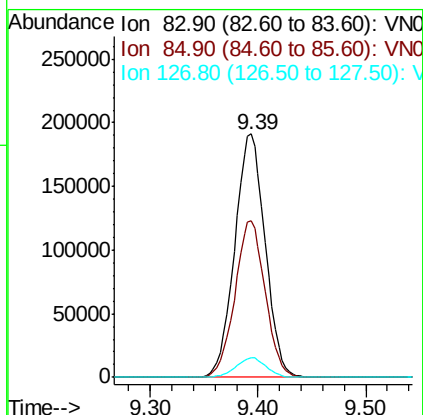
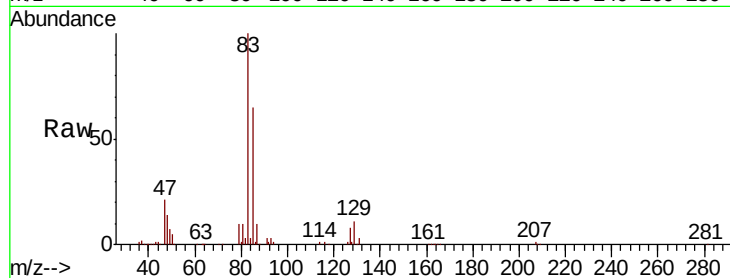
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	375349
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	8.2	6.3	9.5

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:42:30 AM



#48

Methyl methacrylate

Concen: 54.178 ug/l

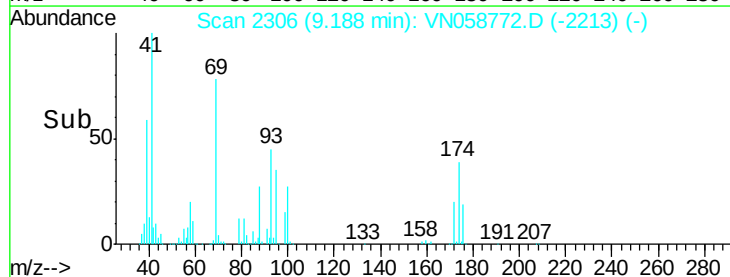
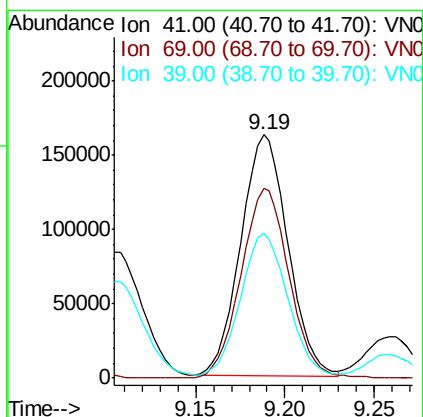
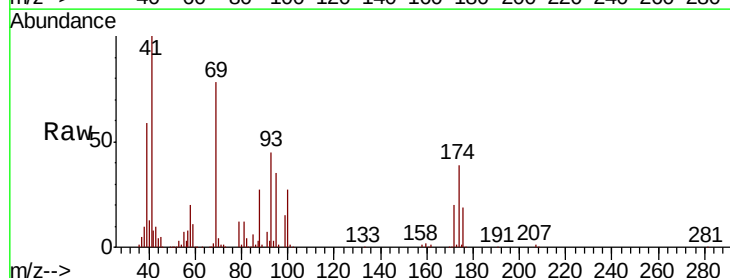
RT: 9.19 min Scan# 2306

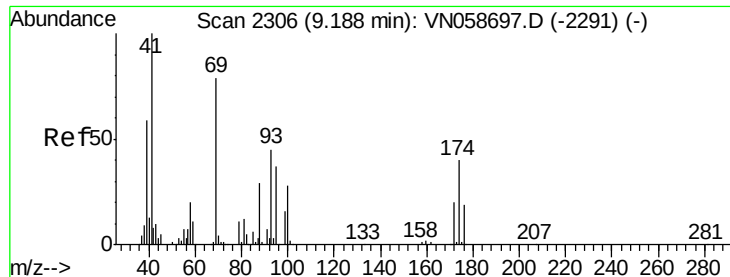
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	41	Resp:	300576
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.4	95.2
39	60.7	48.9	73.3





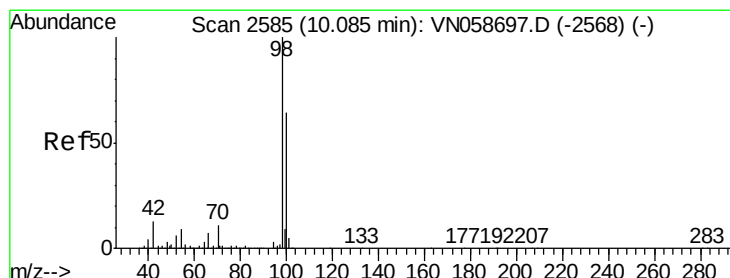
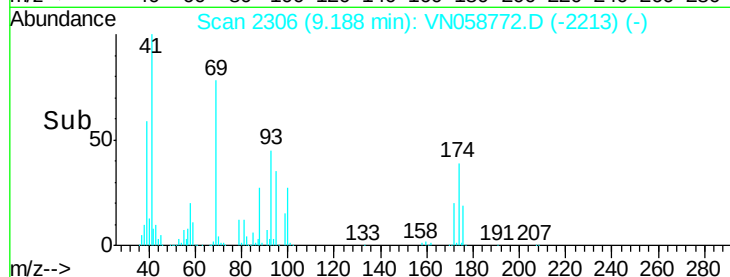
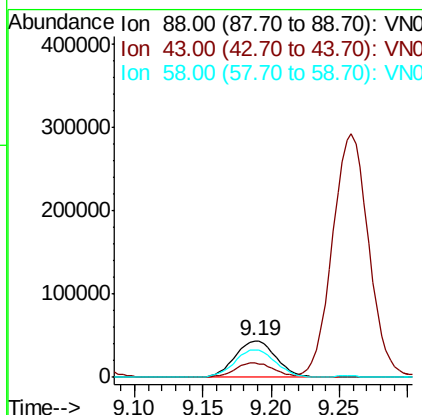
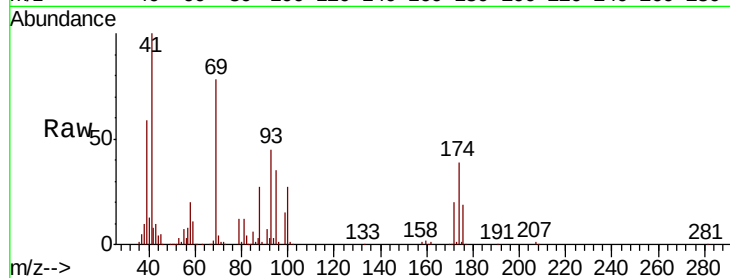
#49
1,4-Dioxane
Concen: 1071.207 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	43.0
58	75.4	57.2	85.8

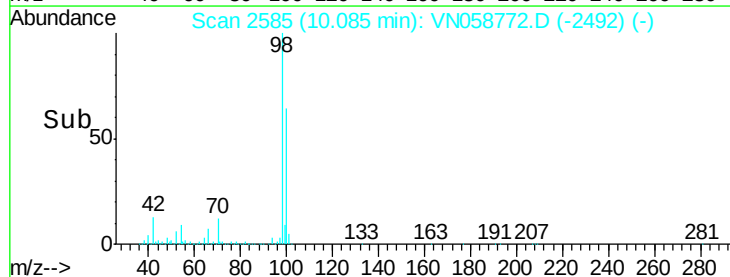
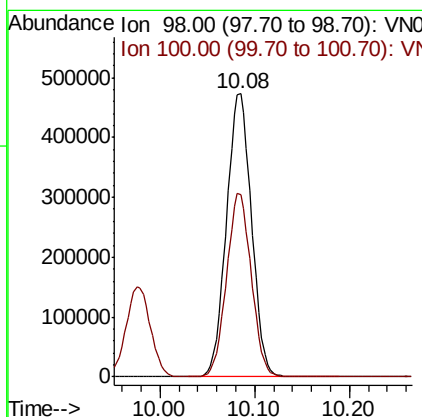
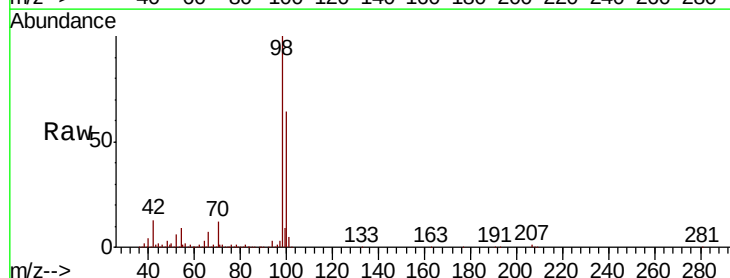
Manual Integrations
APPROVED

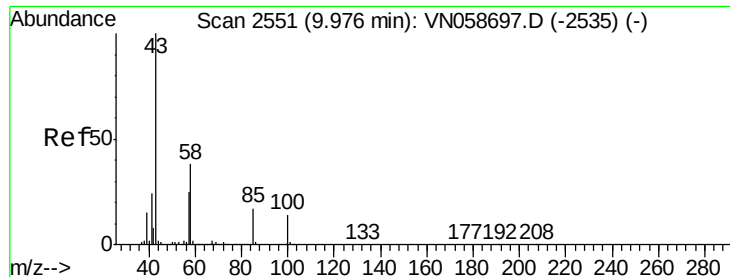
MMDadoda
10/18/2019 12:42:30 AM



#50
Toluene-d8
Concen: 50.148 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 294.501 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2024292

Ion Ratio Lower Upper

43 100

58 37.7

30.3

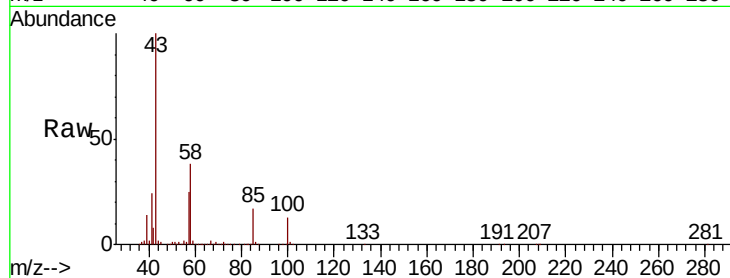
45.5

Manual Integrations

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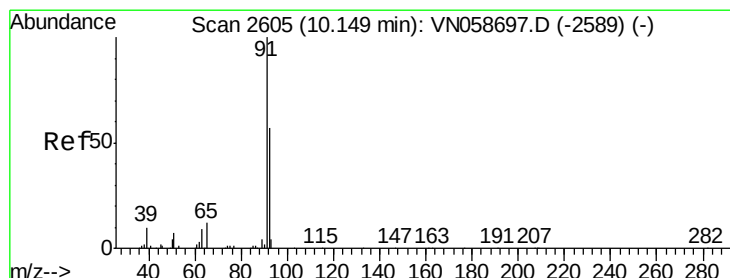
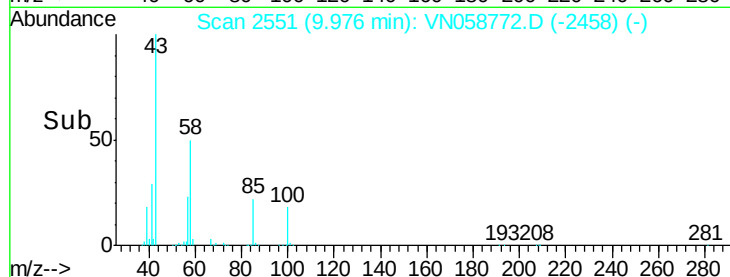
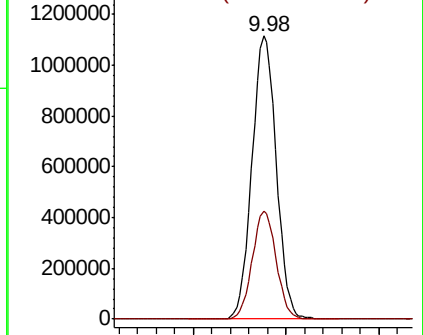
MMDadoda

10/18/2019 12:42:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.233 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion: 92 Resp: 639311

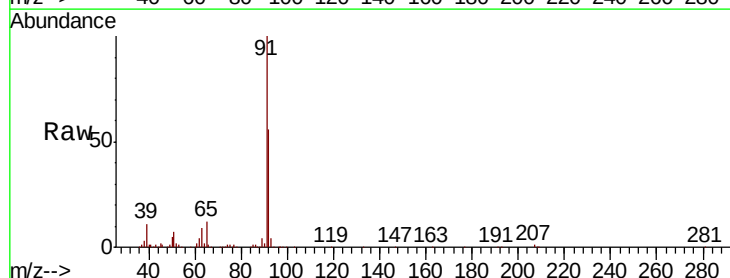
Ion Ratio Lower Upper

92 100

91 175.5

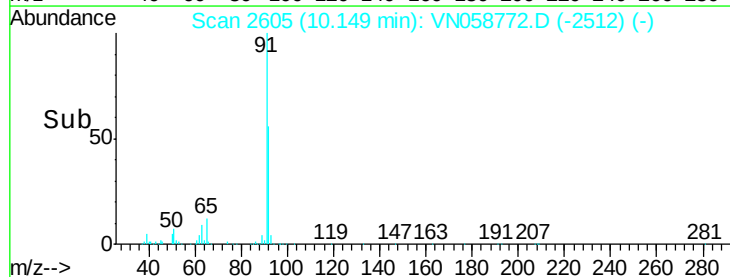
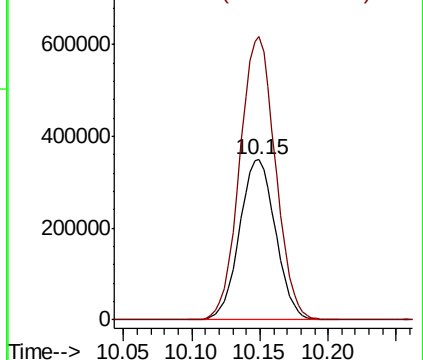
139.1

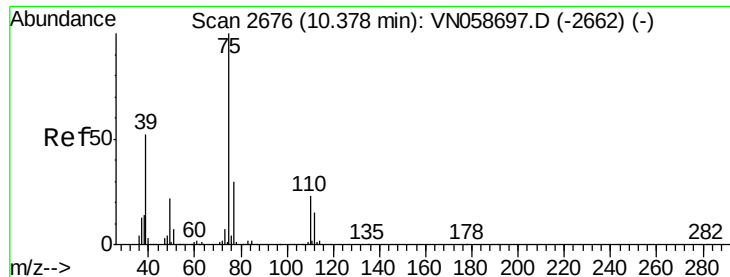
208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





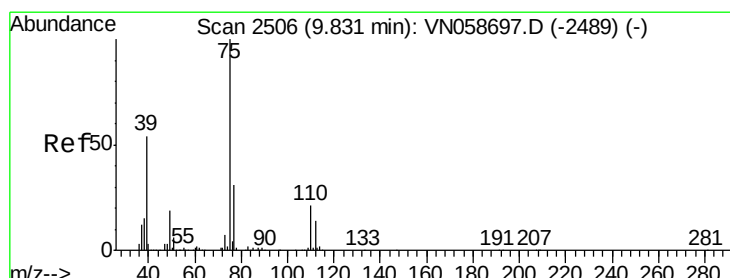
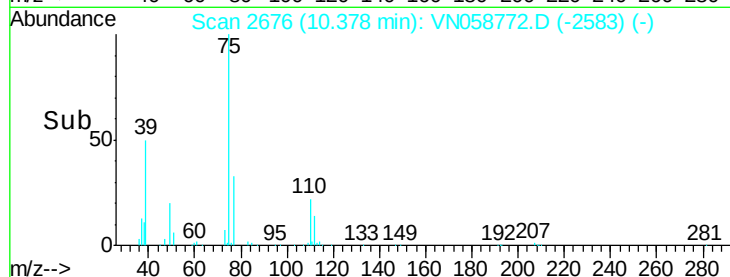
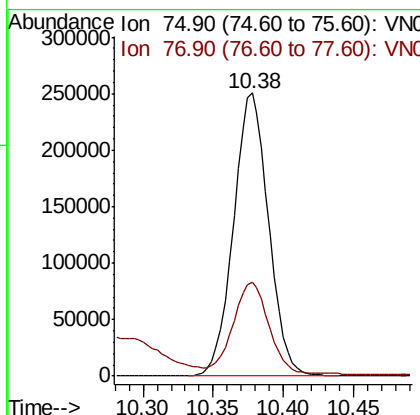
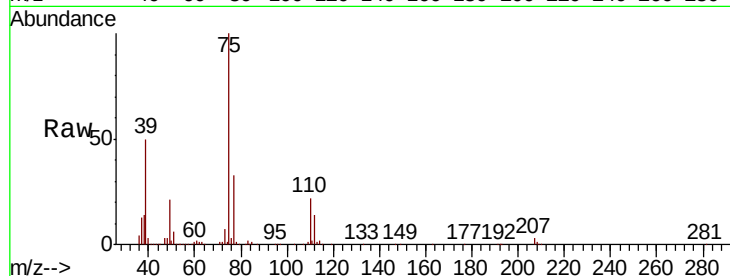
#53
t-1,3-Dichloropropene
Concen: 53.553 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.2	39.4

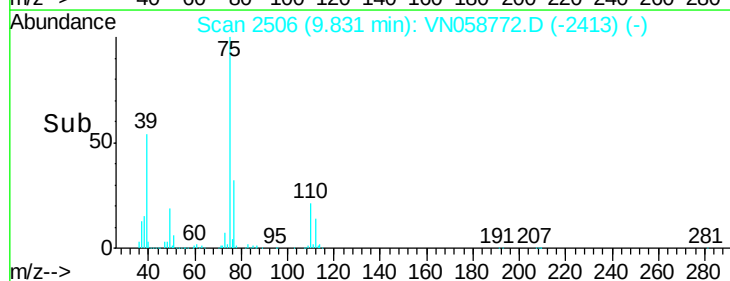
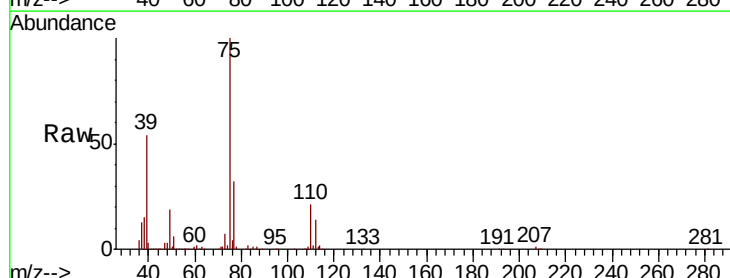
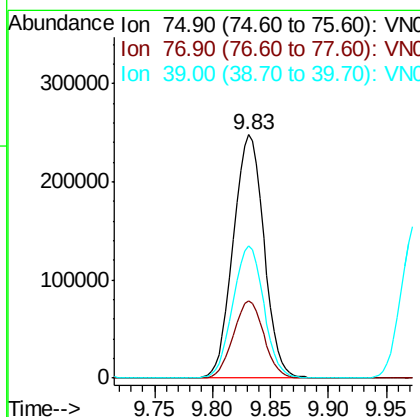
Manual Integrations
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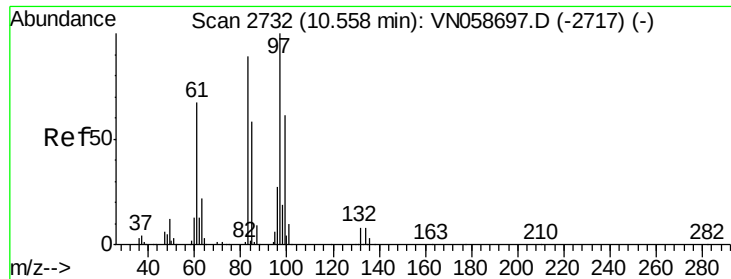
MMDadoda
10/18/2019 12:42:30 AM



#54
cis-1,3-Dichloropropene
Concen: 53.114 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.4	36.6
39	54.2	43.1	64.7





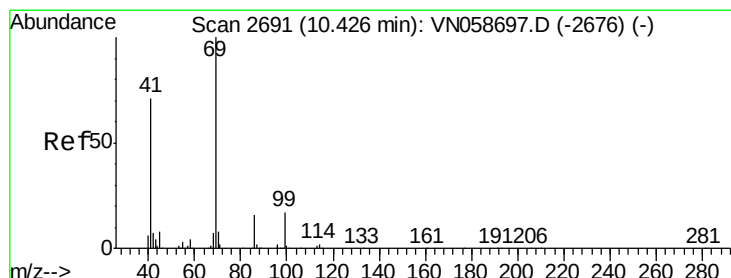
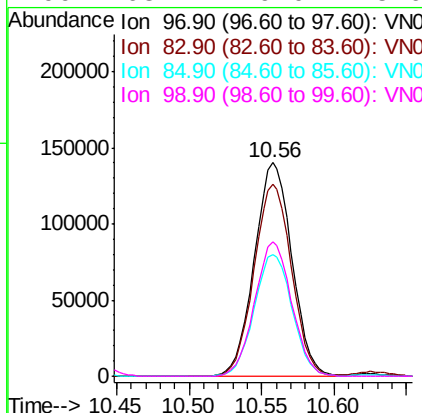
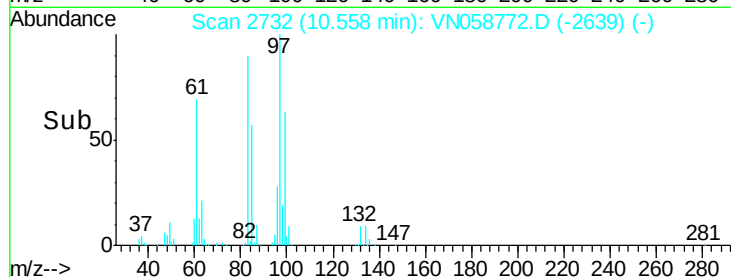
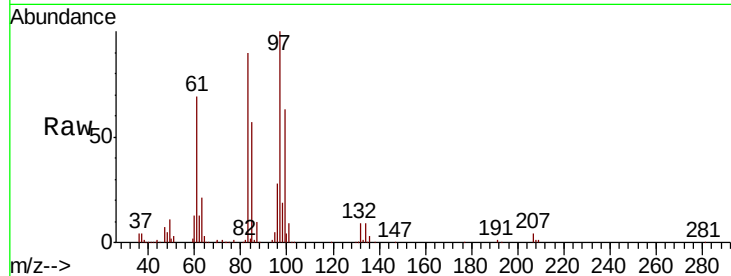
#55
 1,1,2-Trichloroethane
 Concen: 49.546 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	253052
Ion	Ratio	Lower	Upper
97	100		
83	90.2	71.2	106.8
85	57.2	46.7	70.1
99	63.1	49.0	73.6

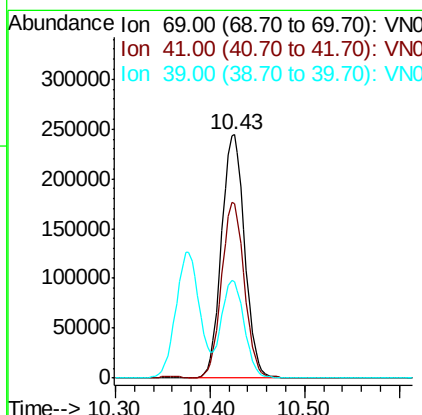
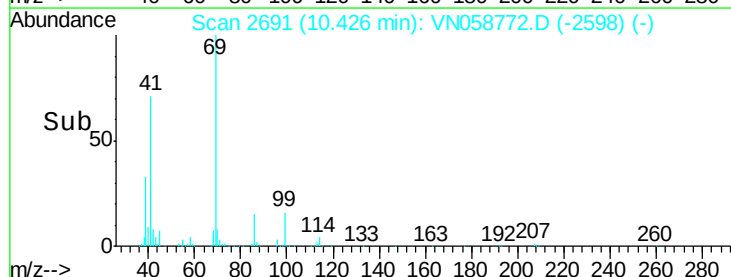
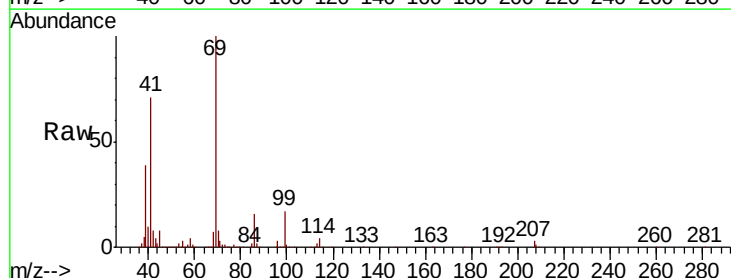
Manual Integrations
 APPROVED

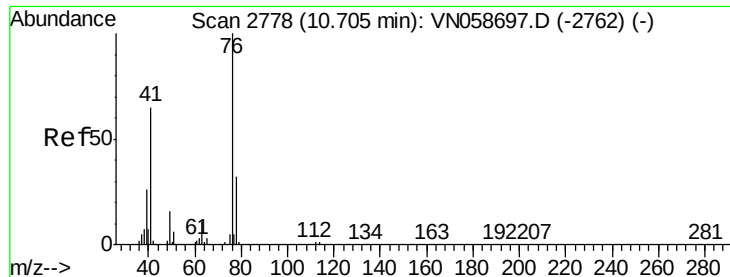
MMDadoda
 10/18/2019 12:42:30 AM



#56
 Ethyl methacrylate
 Concen: 55.797 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion:	69	Resp:	416331
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.8	85.2
39	40.1	32.5	48.7





#57

1,3-Dichloropropane

Concen: 51.664 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 449654

Ion Ratio Lower Upper

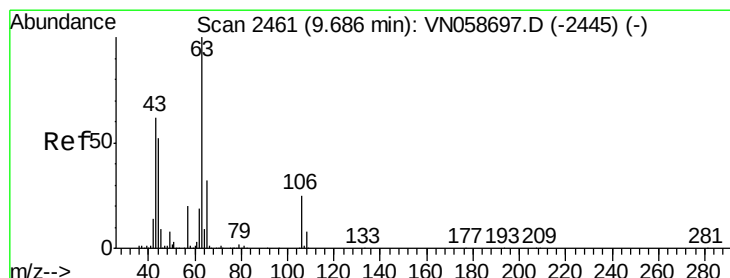
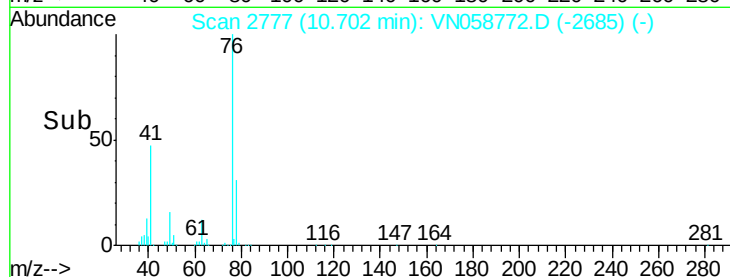
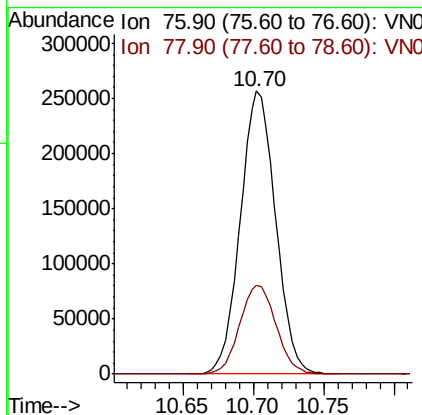
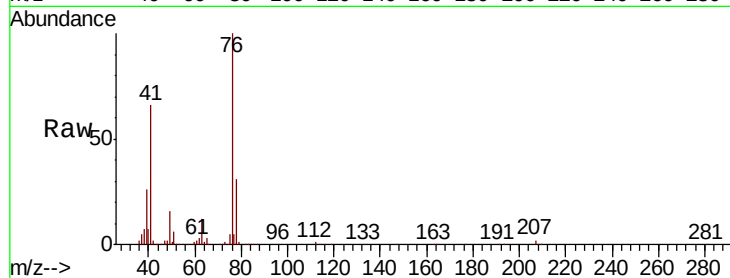
76 100

78 32.3 25.9 38.9

Manual Integrations
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MMDadoda

10/18/2019 12:42:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 277.184 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058772.D

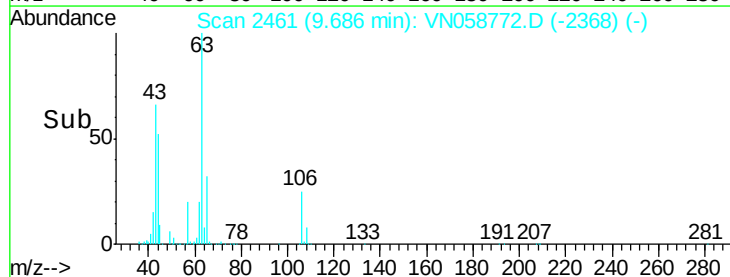
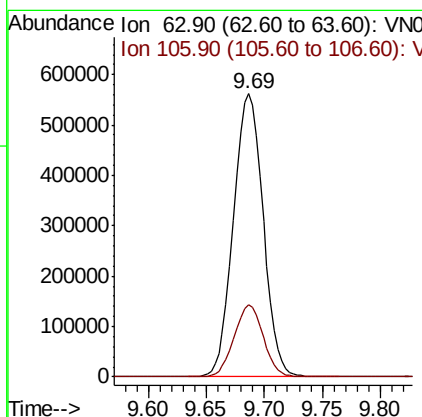
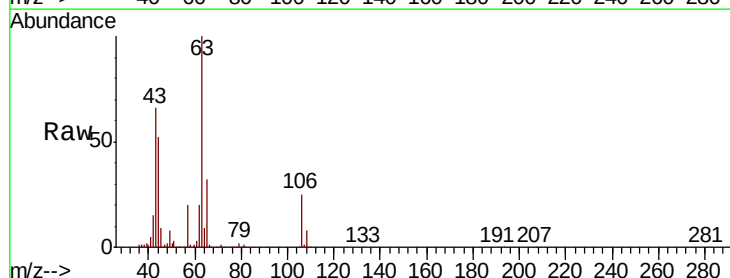
Acq: 15 Oct 2019 10:43

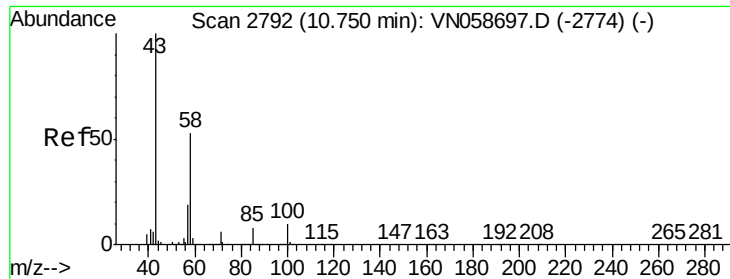
Tgt Ion: 63 Resp: 996720

Ion Ratio Lower Upper

63 100

106 25.0 20.0 30.0





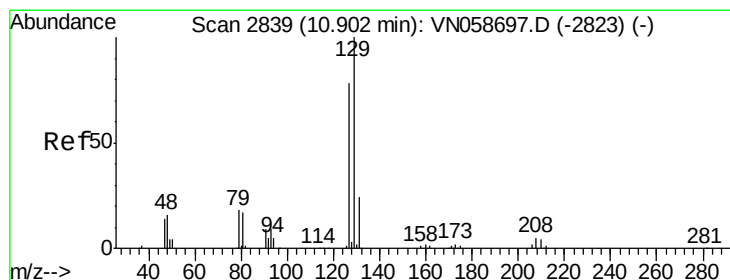
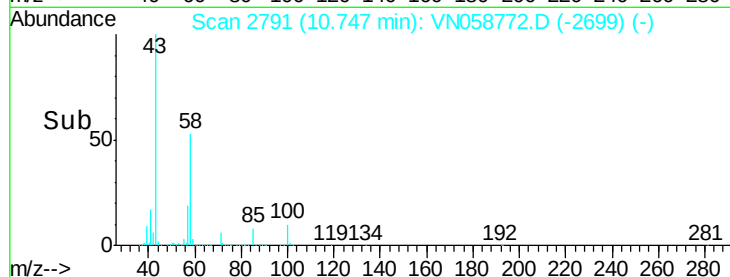
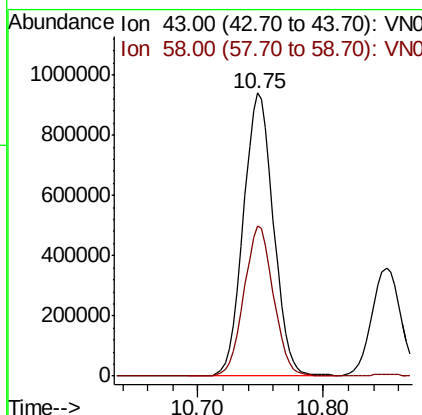
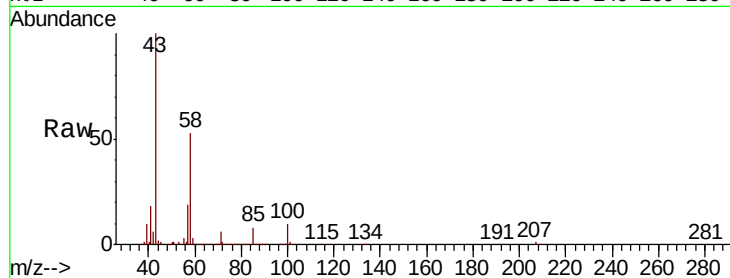
#59
2-Hexanone
Concen: 295.238 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1568297
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.3

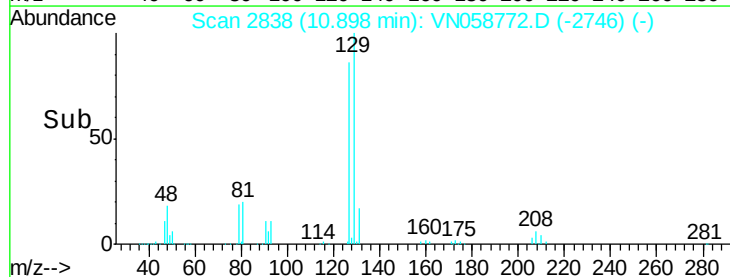
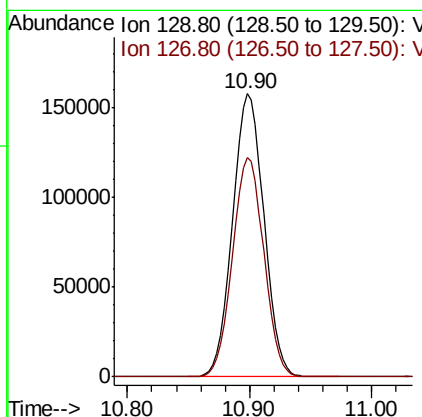
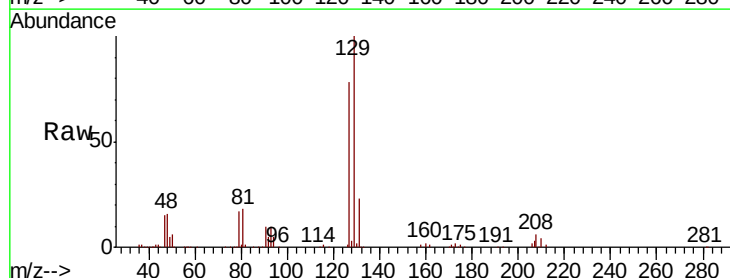
Manual Integrations
APPROVED

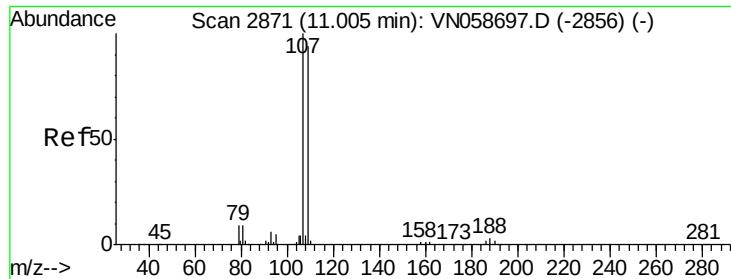
MMDadoda
10/18/2019 12:42:30 AM



#60
Dibromochloromethane
Concen: 53.396 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion: 129 Resp: 281327
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





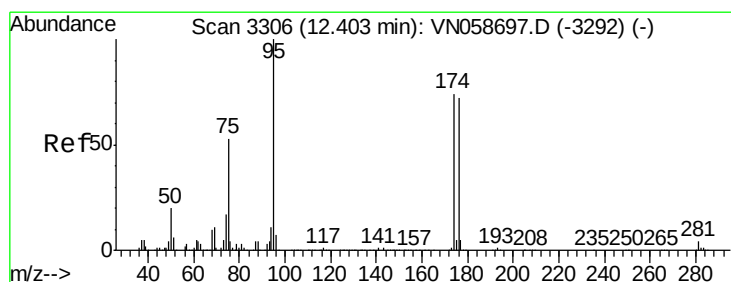
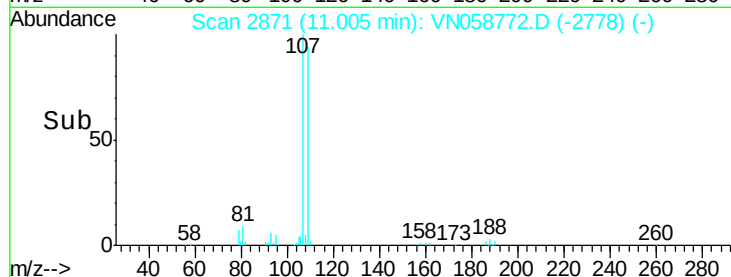
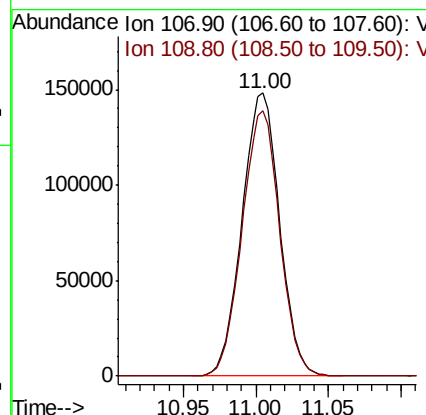
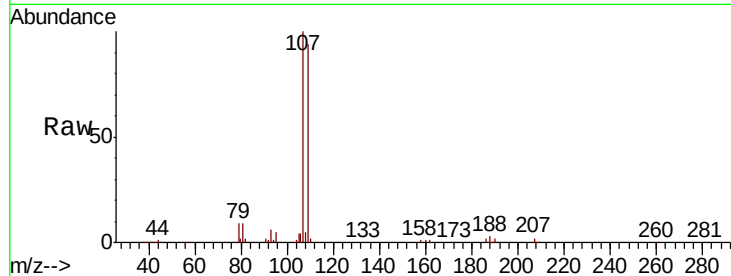
#61
 1,2-Dibromoethane
 Concen: 52.229 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.4	113.0

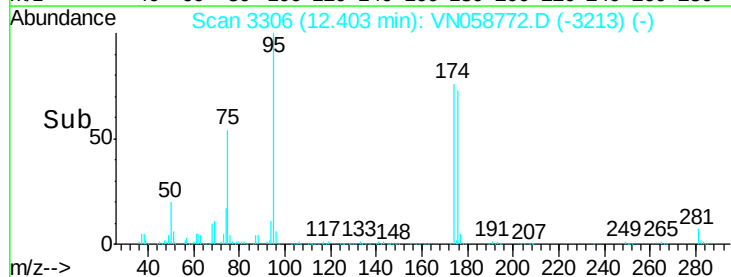
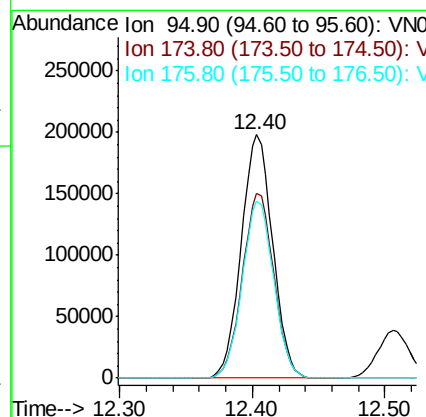
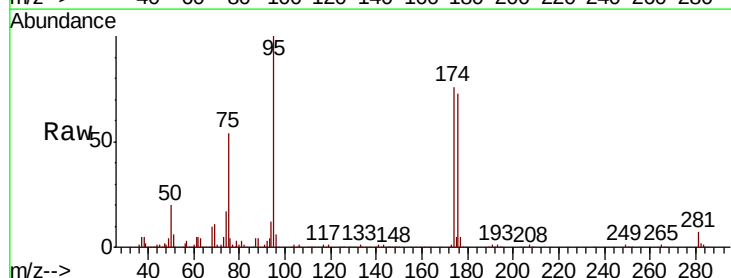
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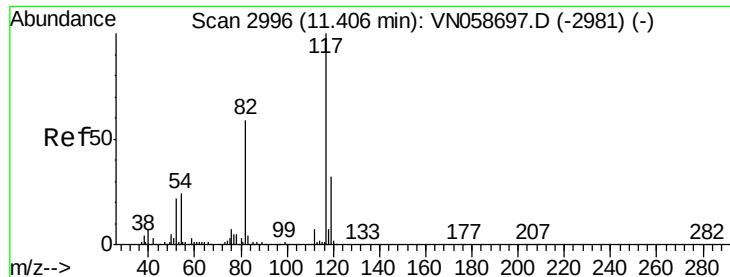
MMDadoda
 10/18/2019 12:42:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.558 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	150.4
176	73.1	0.0	146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

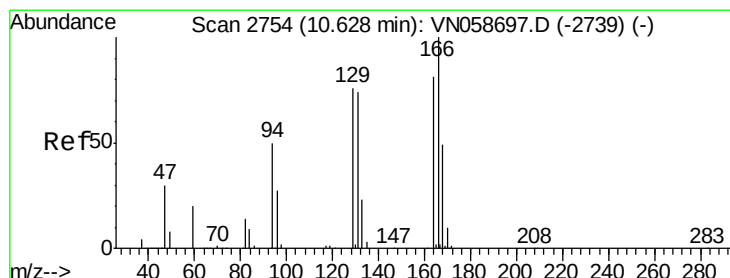
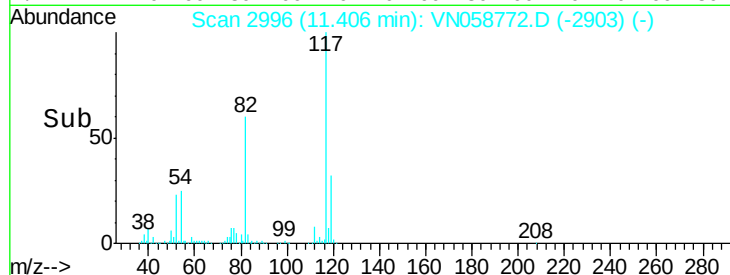
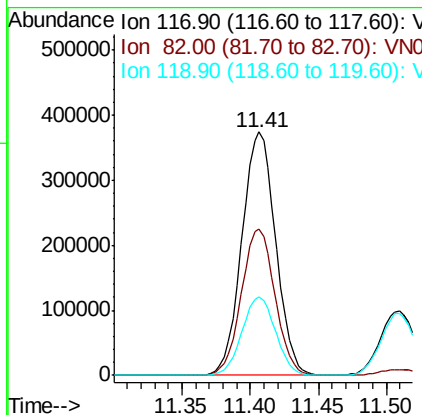
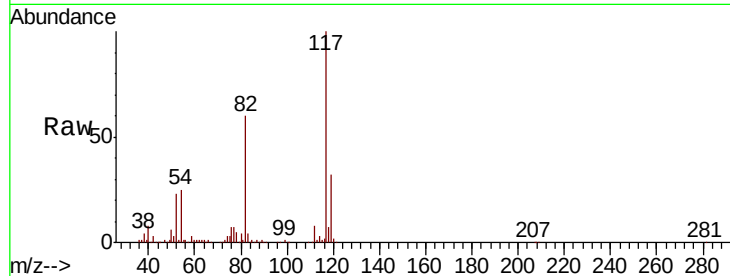
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	641786		
82	60.2	47.0	70.4	
119	32.4	25.4	38.2	

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#64

Tetrachloroethene

Concen: 49.961 ug/l

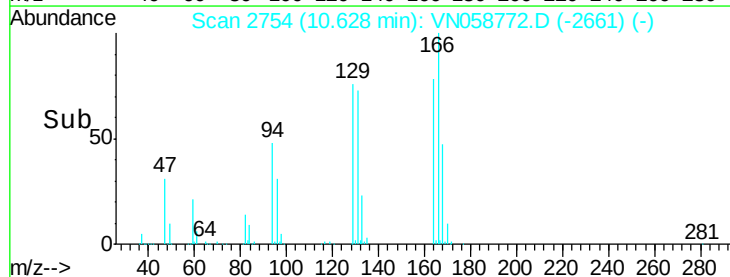
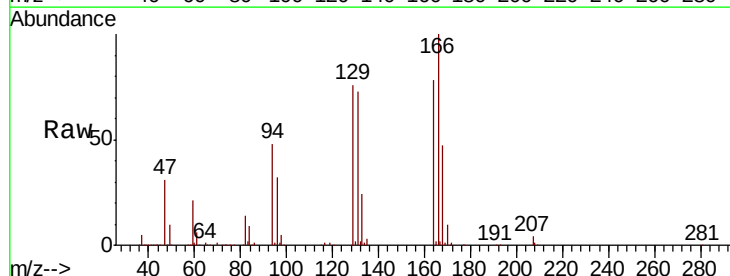
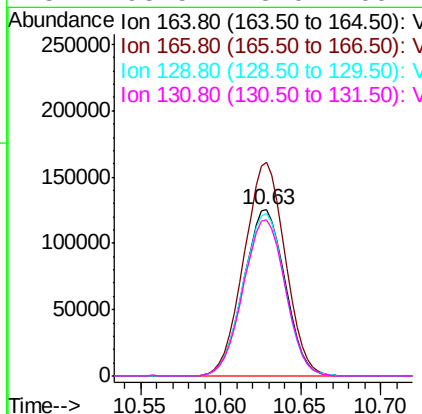
RT: 10.63 min Scan# 2754

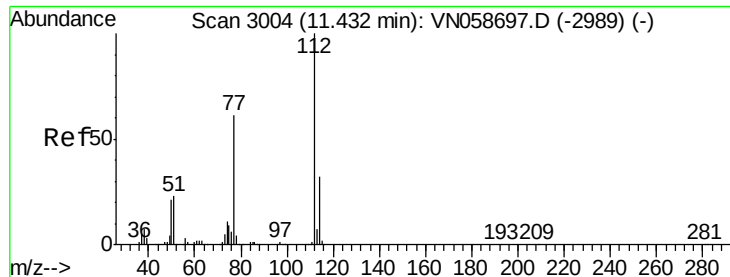
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224395		
166	128.4	99.3	148.9	
129	97.8	75.2	112.8	
131	93.5	73.0	109.4	





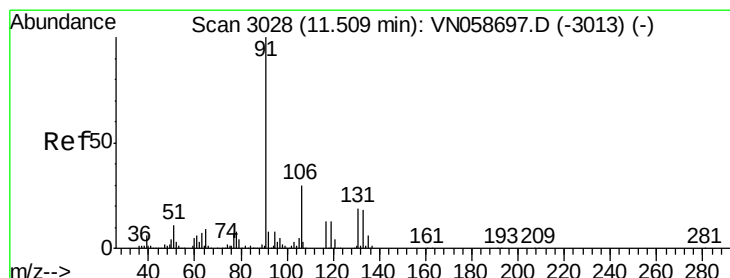
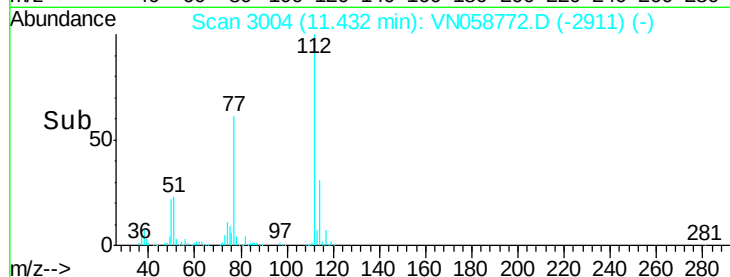
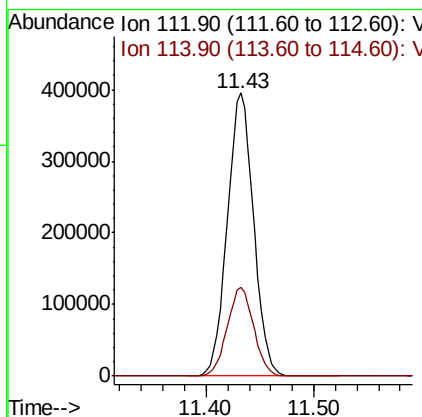
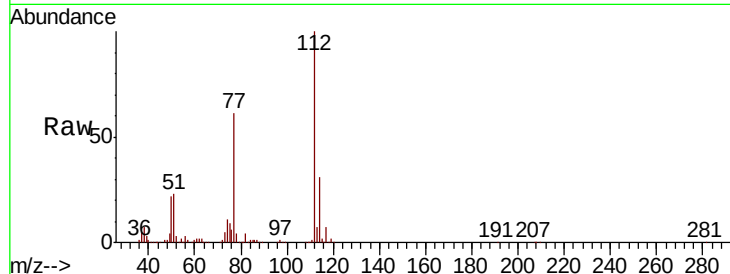
#65
Chlorobenzene
Concen: 51.442 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 670465
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8

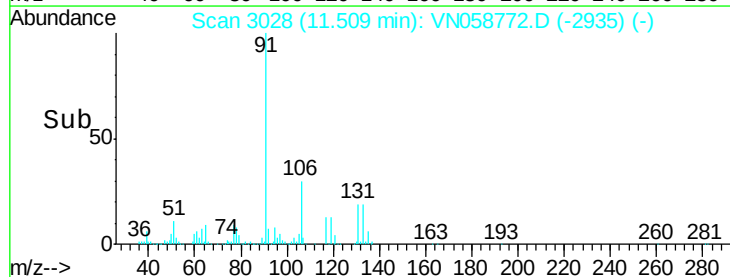
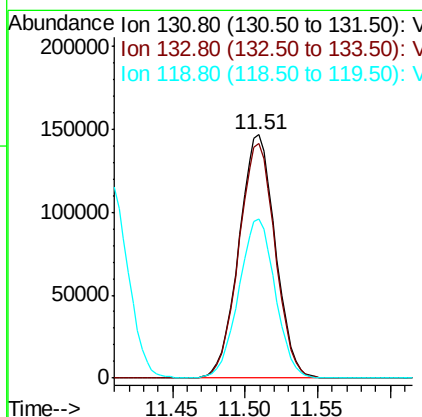
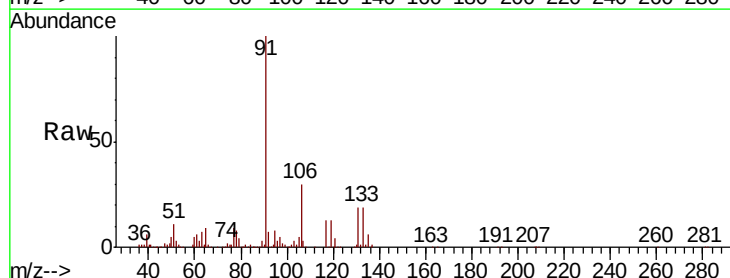
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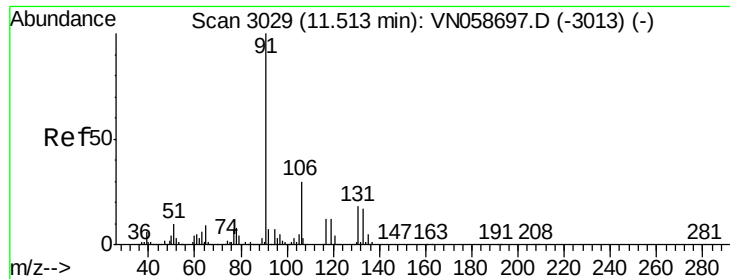
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.098 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion:131 Resp: 255900
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 65.5 33.0 98.9





#67

Ethyl Benzene

Concen: 54.467 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1265427

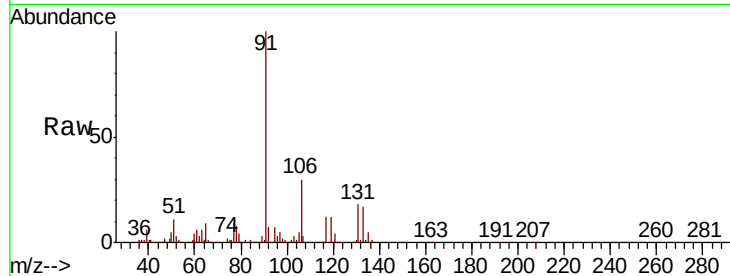
Ion Ratio Lower Upper

91 100

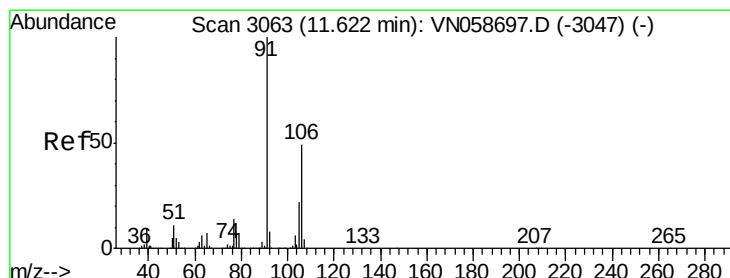
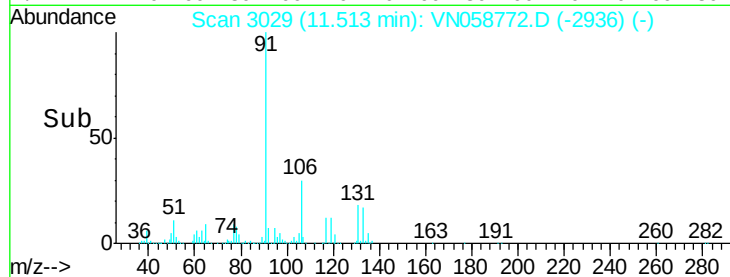
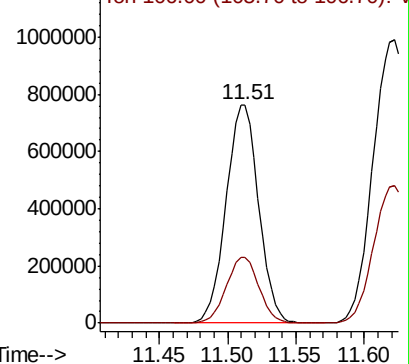
106 30.1 24.1 36.1

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Abundance Ion 91.00 (90.70 to 91.70): VN058697.D (-3013) (-)



#68

m/p-Xylenes

Concen: 107.049 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058772.D

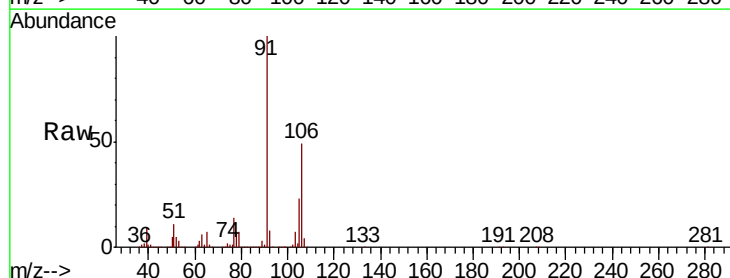
Acq: 15 Oct 2019 10:43

Tgt Ion: 106 Resp: 933326

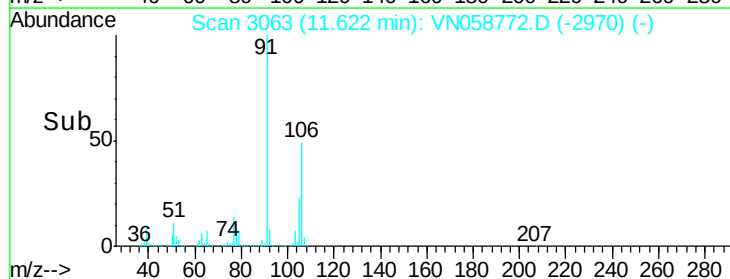
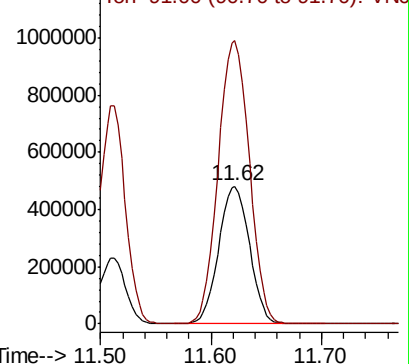
Ion Ratio Lower Upper

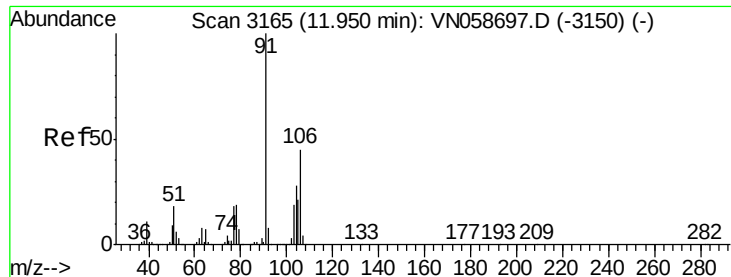
106 100

91 208.0 165.7 248.5



Abundance Ion 106.00 (105.70 to 106.70): VN058697.D (-3047) (-)





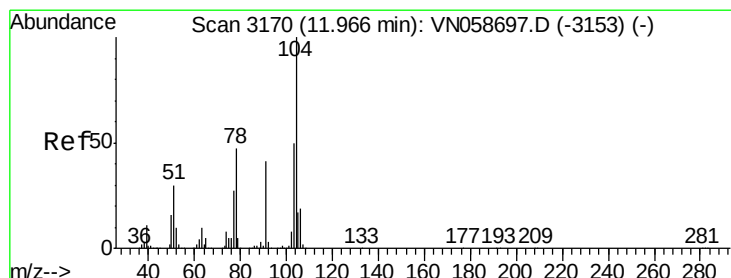
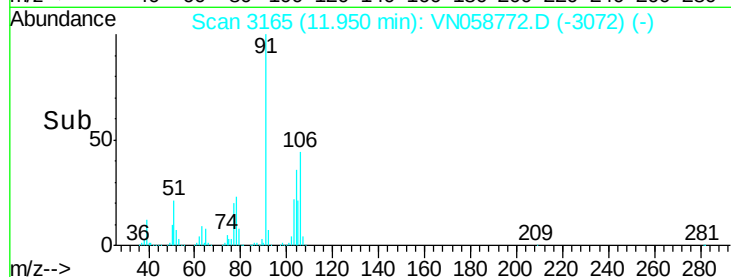
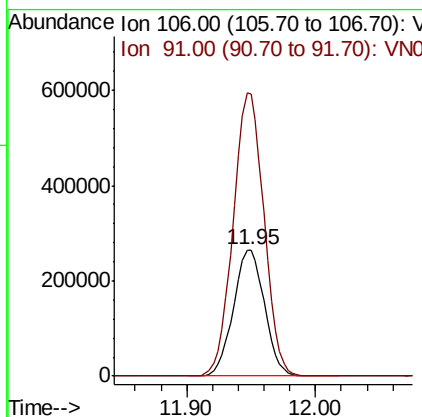
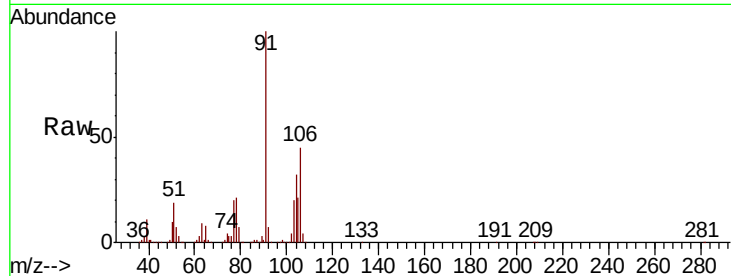
#69
o-Xylene
Concen: 52.428 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.0	110.9	332.9

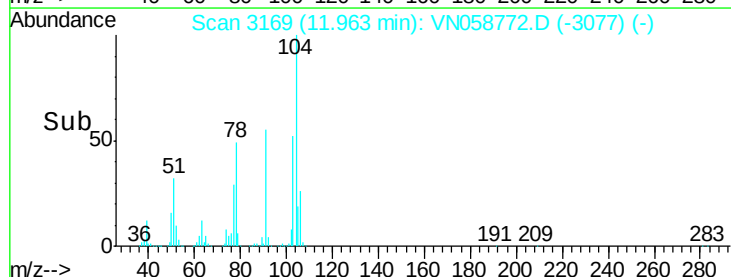
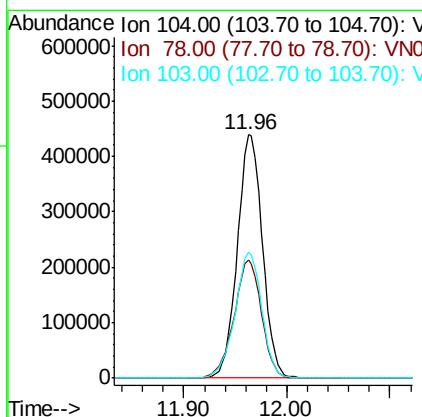
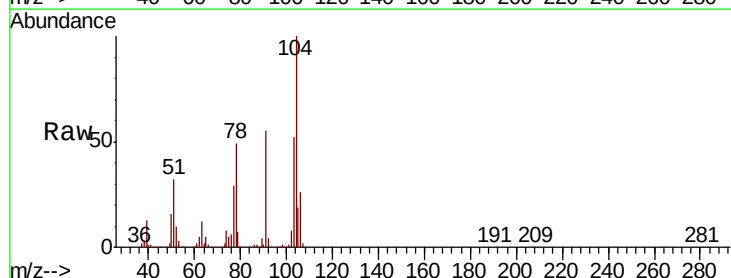
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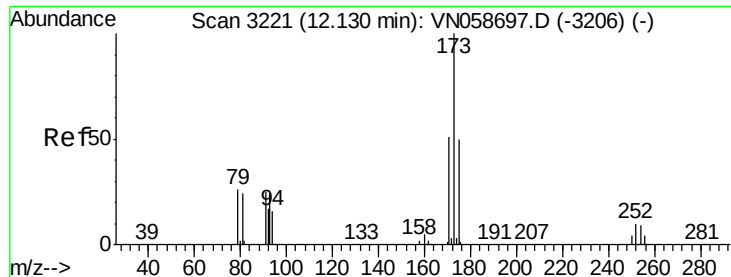
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#70
Styrene
Concen: 53.891 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.2	63.2
103	55.2	43.7	65.5





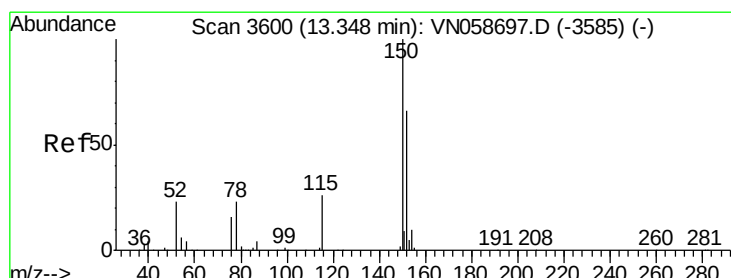
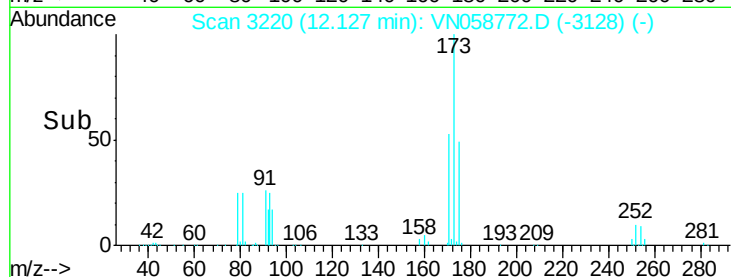
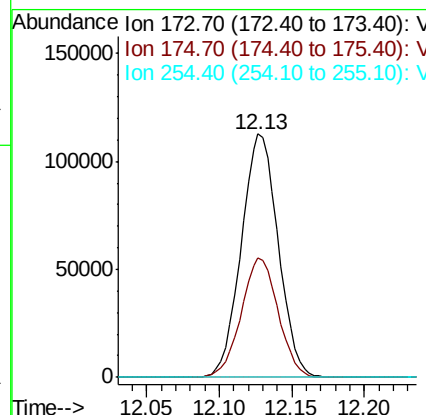
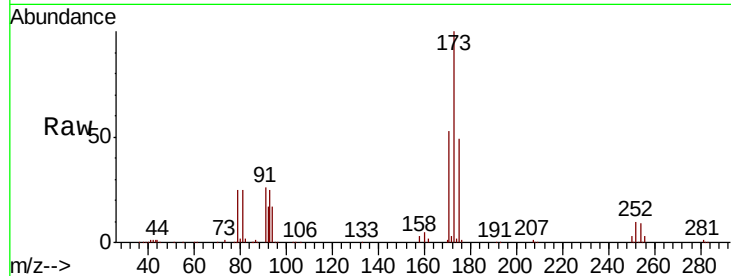
#71
Bromoform
Concen: 56.483 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	199531		
175	48.9	24.6	73.8	
254	0.1	0.1	0.1	

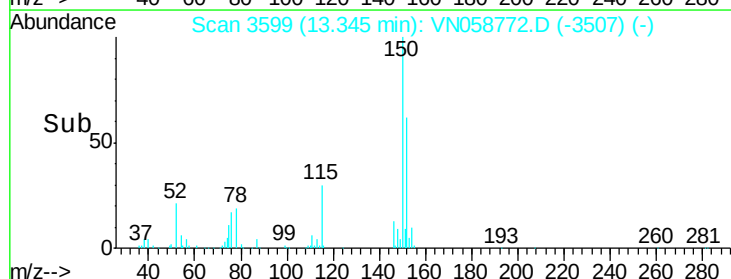
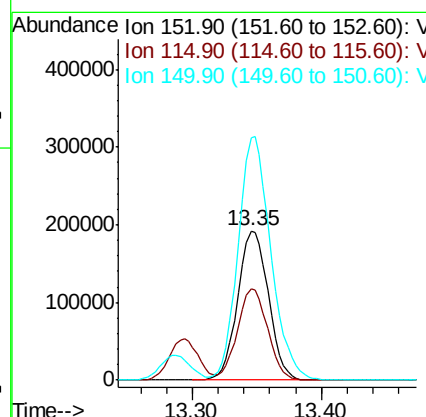
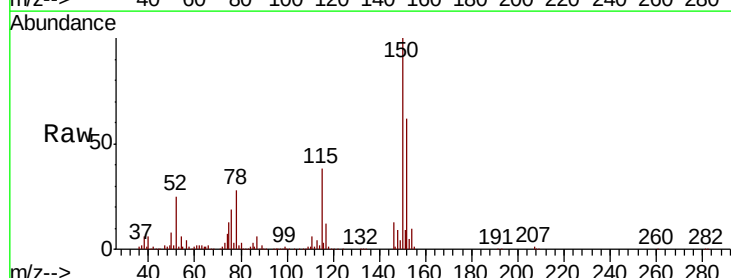
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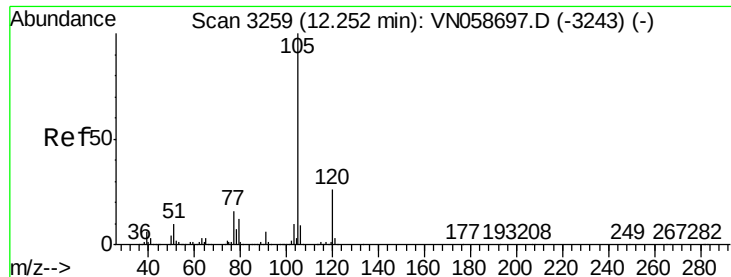
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	317576		
115	60.0	30.4	91.2	
150	174.3	0.0	345.4	





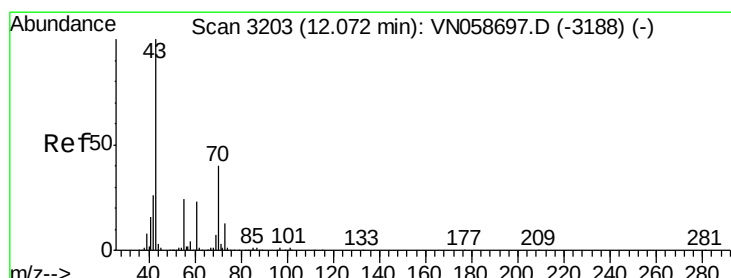
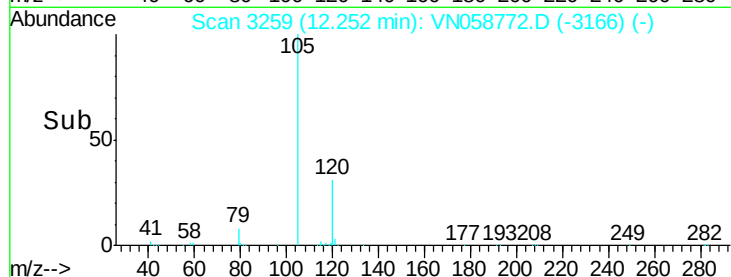
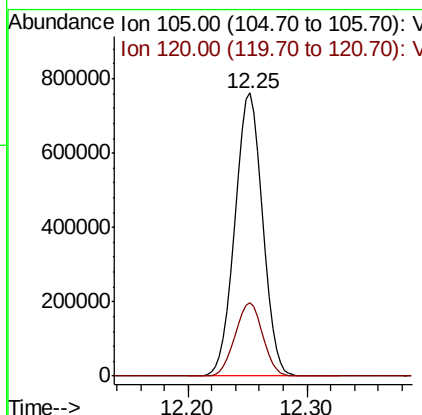
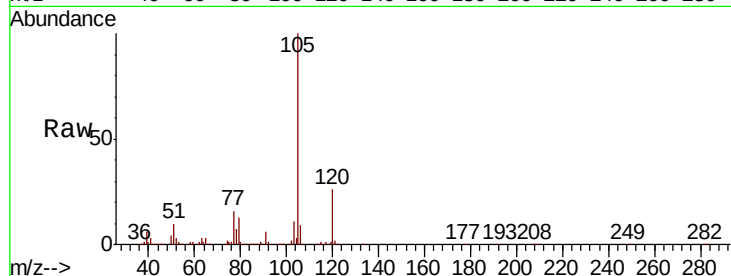
#73
Isopropylbenzene
Concen: 53.354 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.1

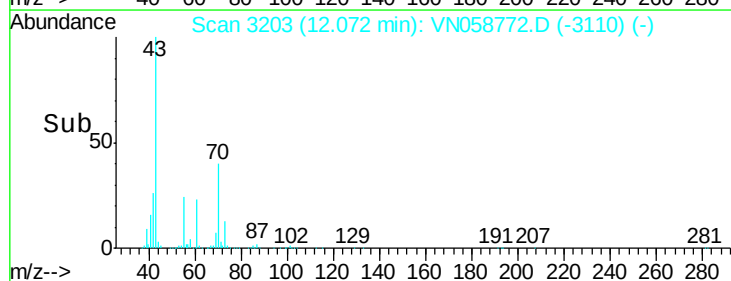
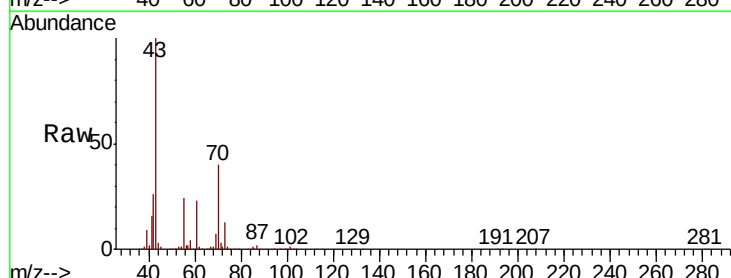
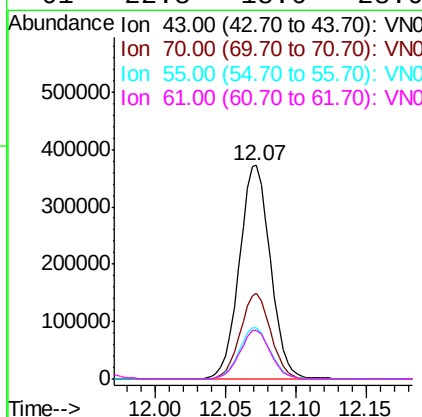
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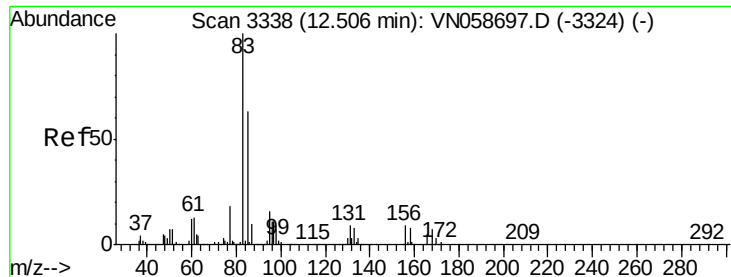
MMDadoda
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#74
N-ethyl acetate
Concen: 55.503 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.4	32.2	48.4
55	24.5	19.6	29.4
61	22.8	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.707 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

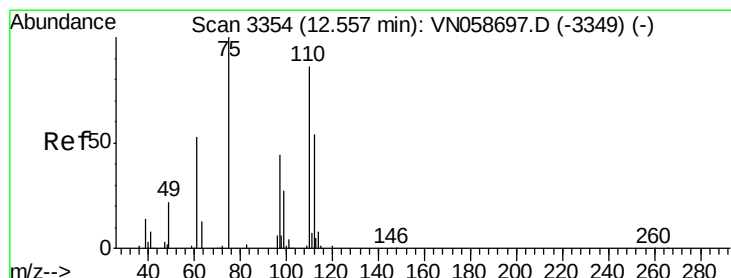
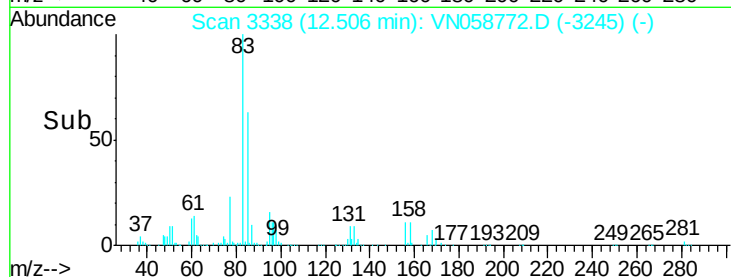
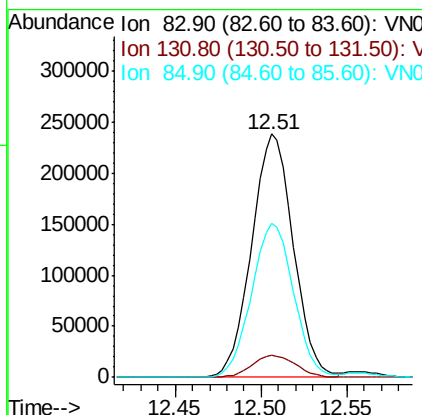
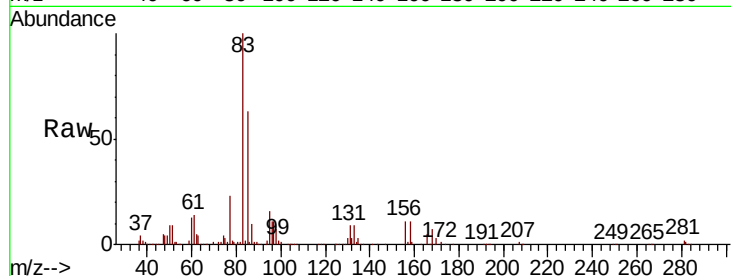
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	399345
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	63.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 54.783 ug/l m

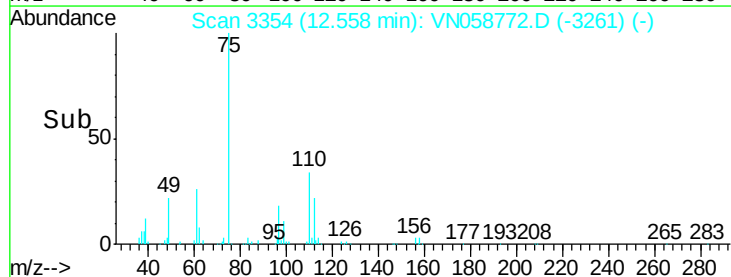
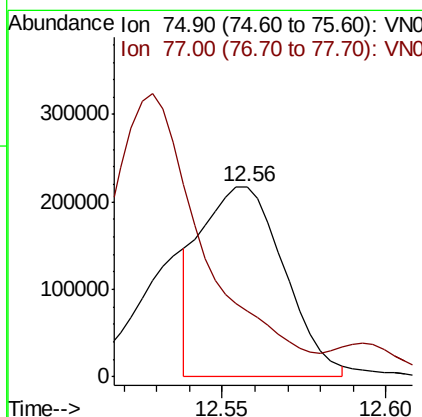
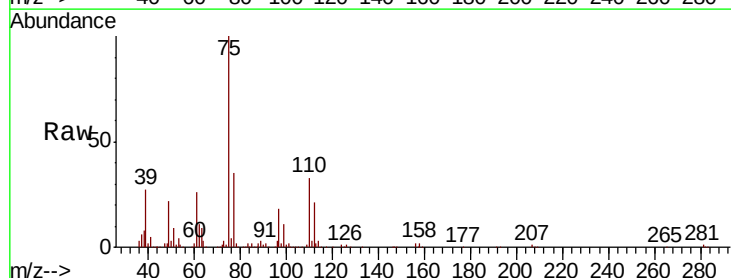
RT: 12.56 min Scan# 3354

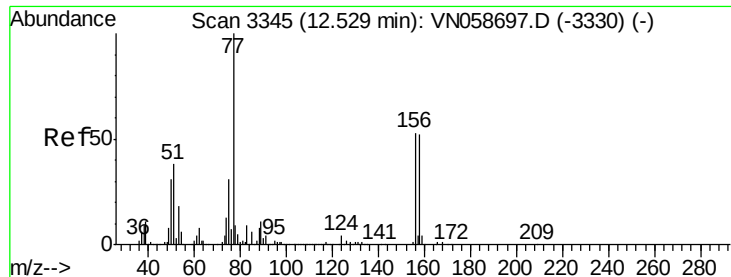
Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion	75	Resp	381662
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.874 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

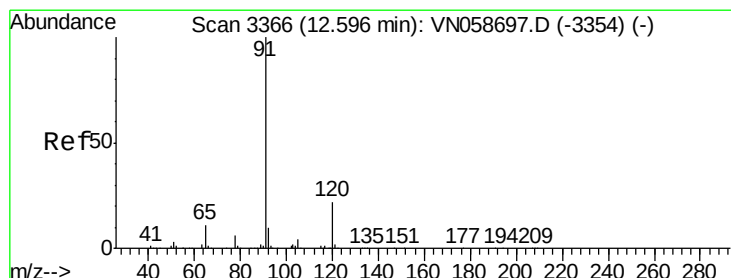
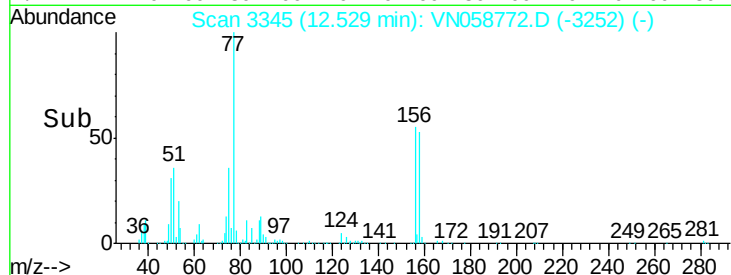
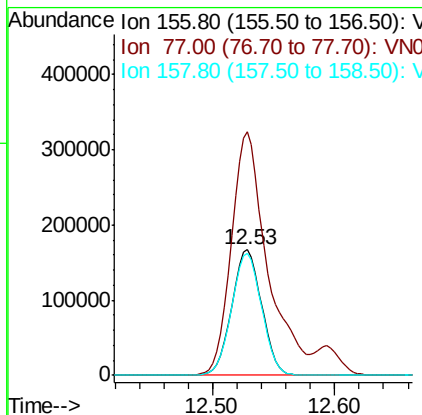
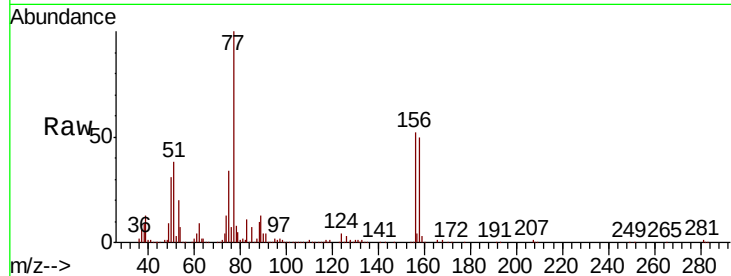
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	284601
Ion Ratio	Lower	Upper	
156	100		
77	234.1	115.8	347.3
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 54.623 ug/l

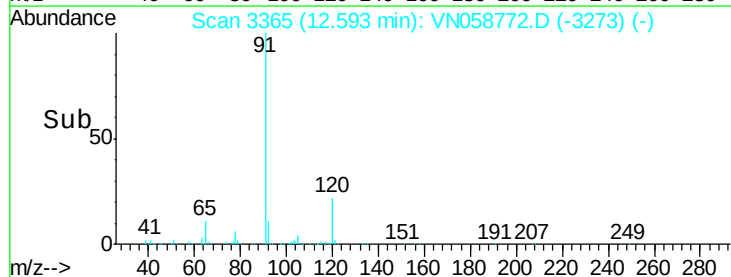
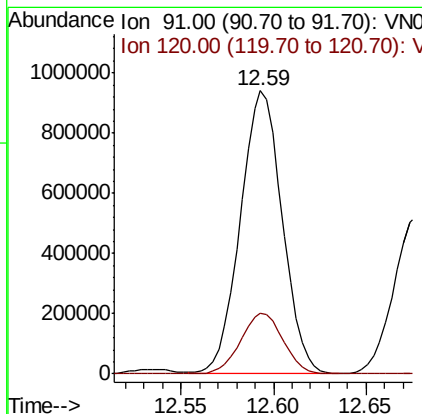
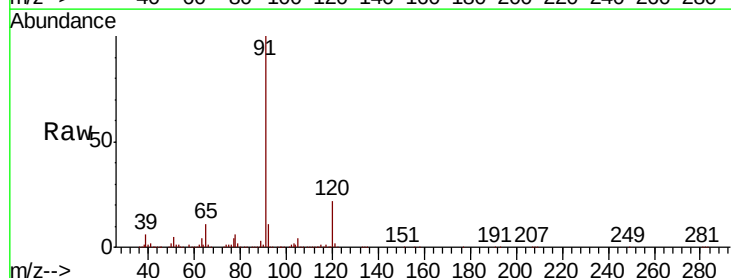
RT: 12.59 min Scan# 3365

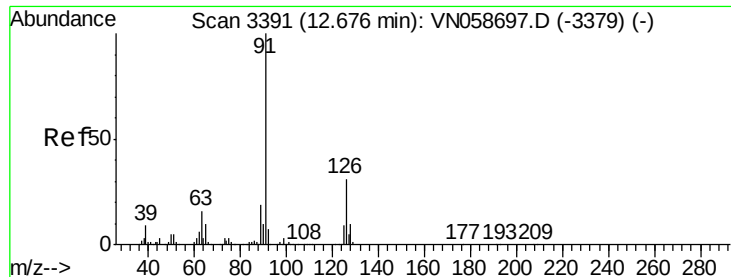
Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	91	Resp:	1463915
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.1	33.3





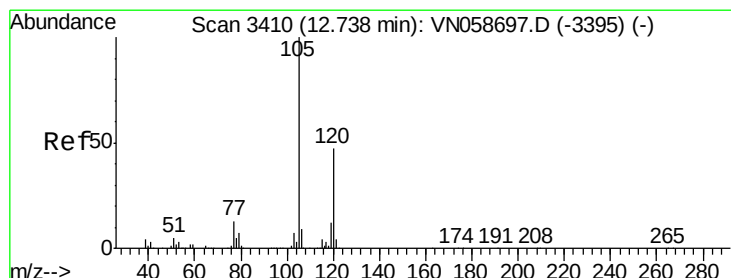
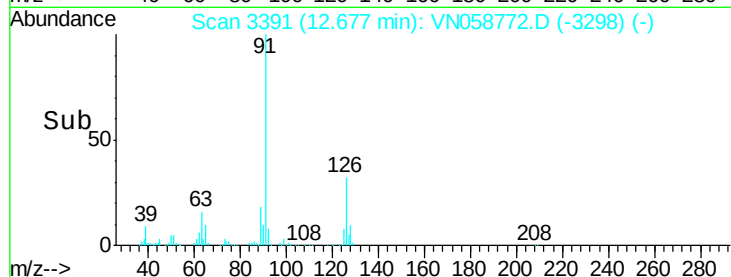
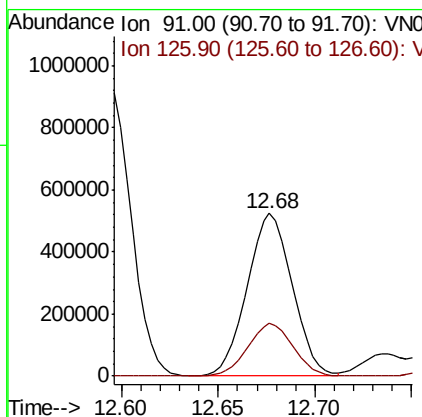
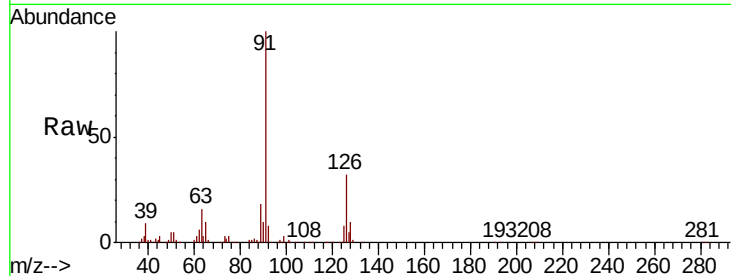
#79
 2-Chlorotoluene
 Concen: 51.075 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 849599
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.2 48.5

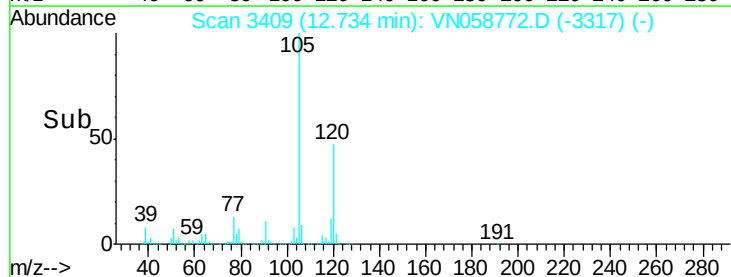
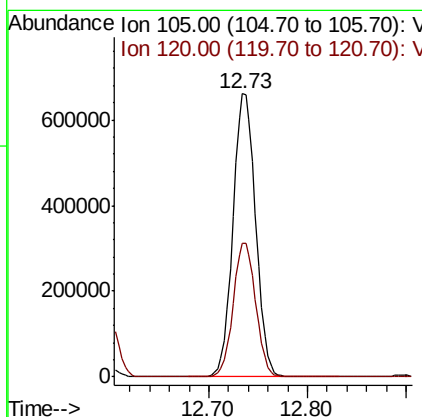
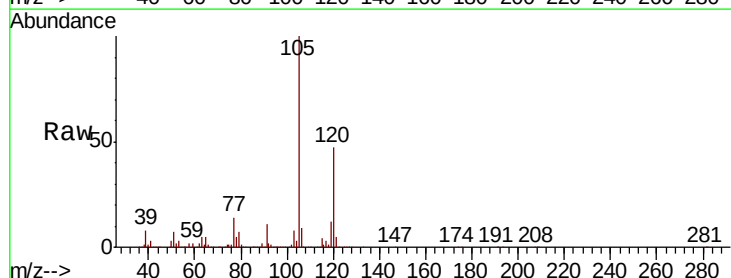
Manual Integrations
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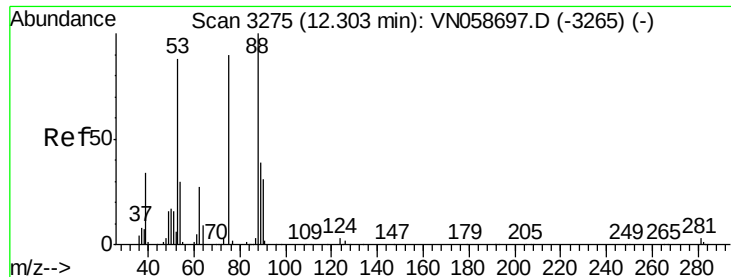
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.679 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion: 105 Resp: 1054031
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.2





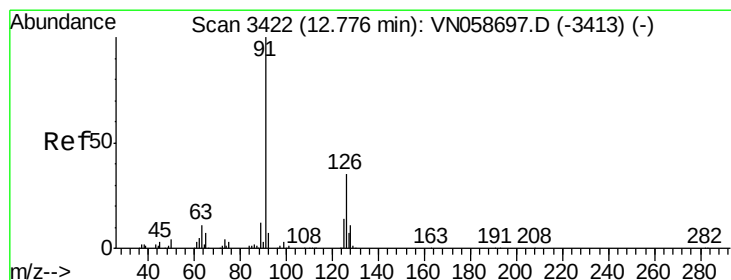
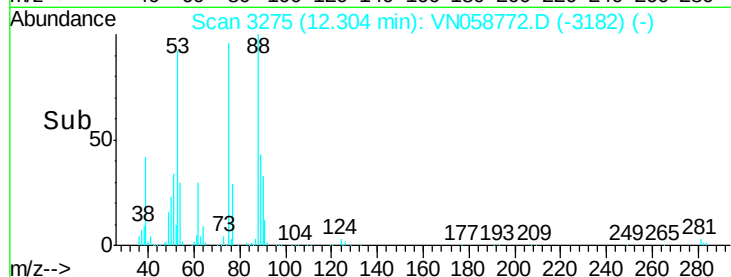
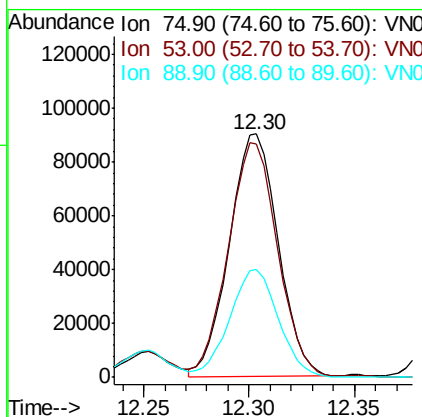
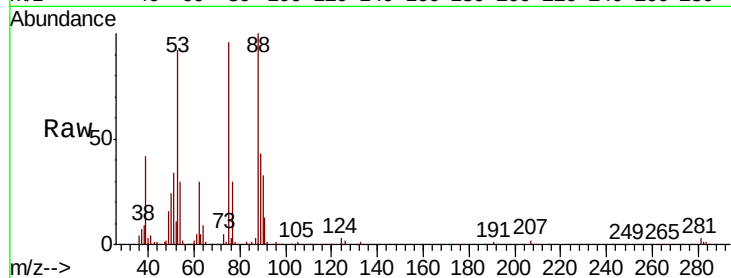
#81
trans-1,4-Dichloro-2-butene
Concen: 55.603 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	78.4	117.6
89	44.2	34.9	52.3

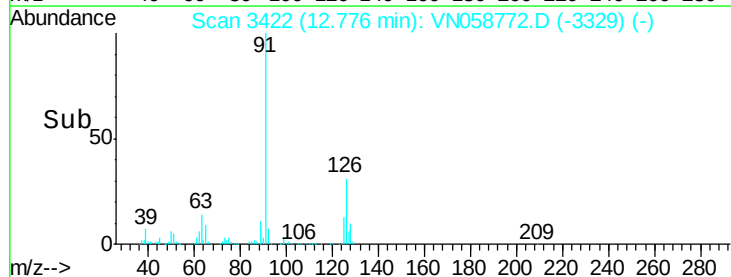
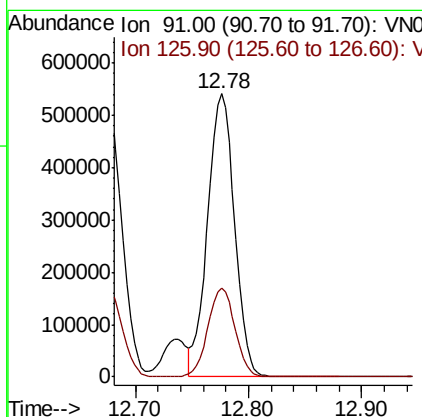
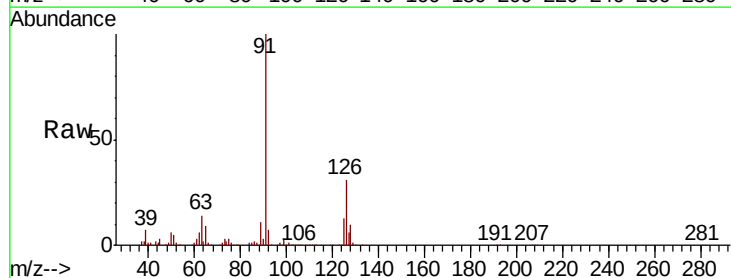
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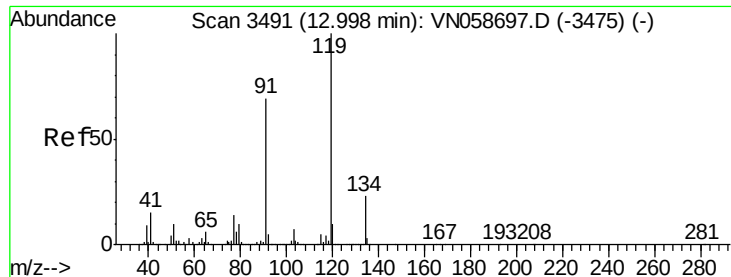
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#82
4-Chlorotoluene
Concen: 52.101 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.9	47.6





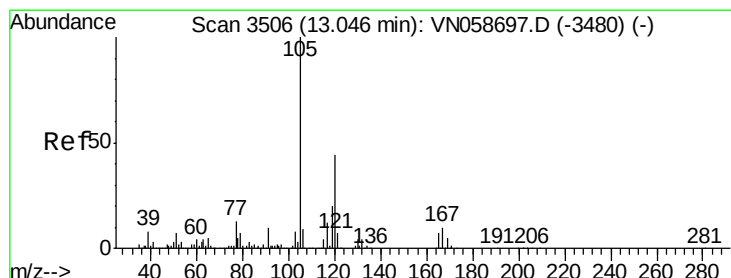
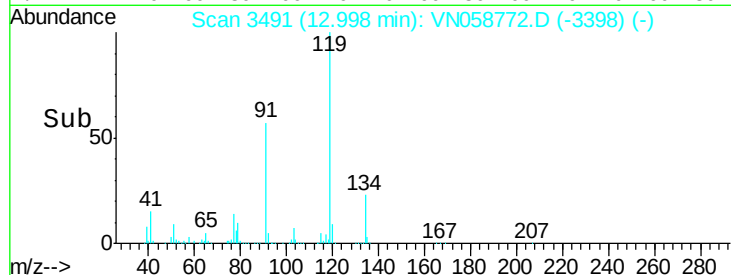
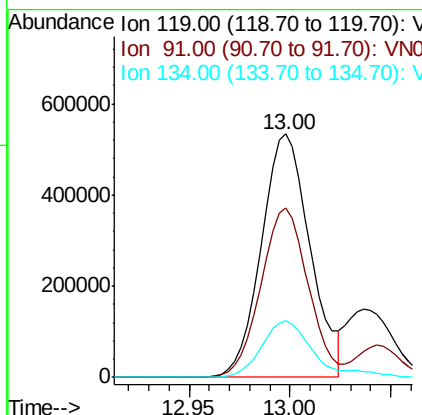
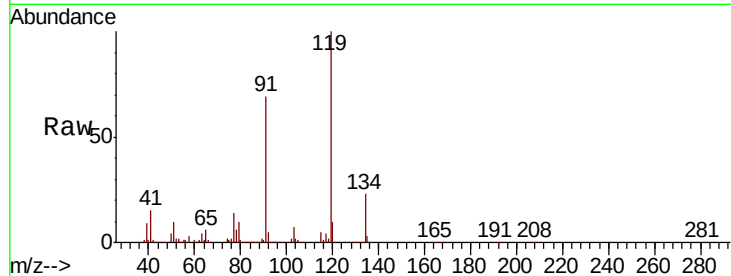
#83
 tert-Butylbenzene
 Concen: 53.340 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.8	101.3
134	24.8	12.6	37.6

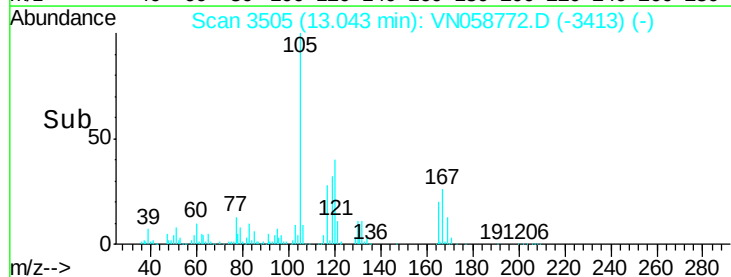
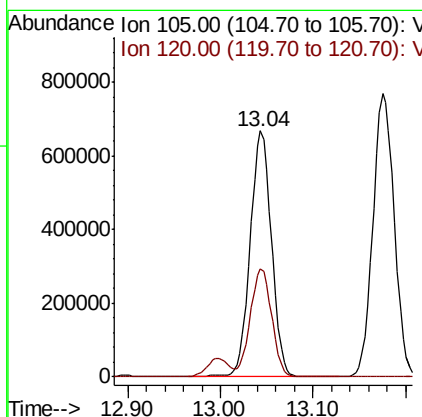
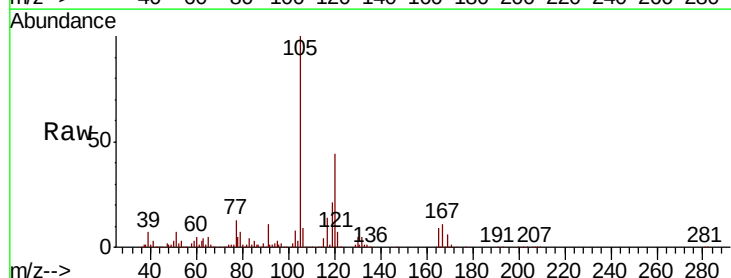
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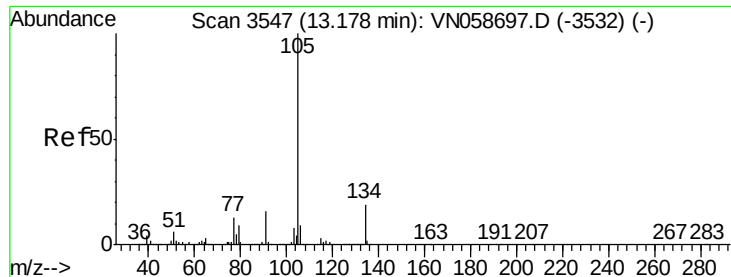
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.508 ug/l
 RT: 13.04 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.9	65.7





#85

sec-Butylbenzene

Concen: 54.975 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1218528

Ion Ratio Lower Upper

105 100

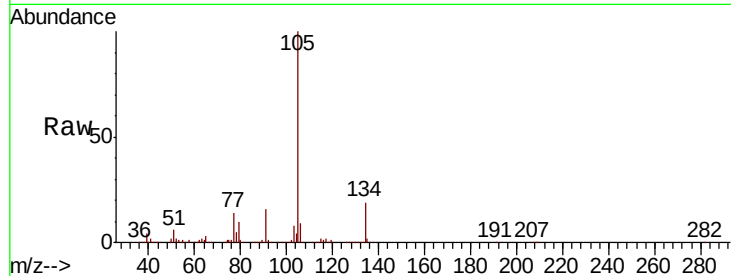
134 19.1 9.7 29.1

Manual Integrations

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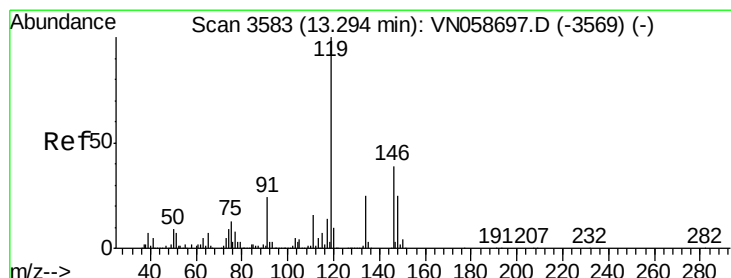
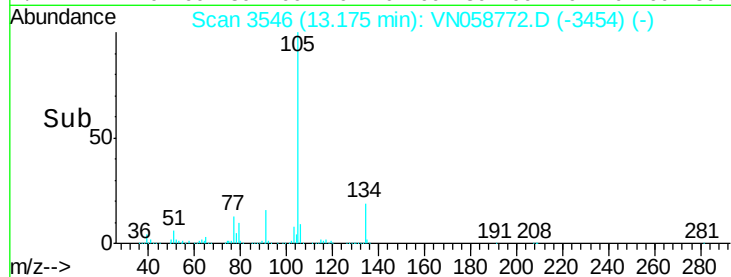
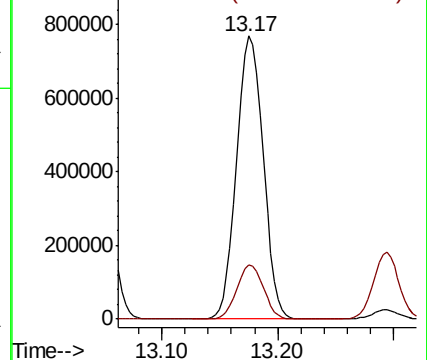
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.430 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

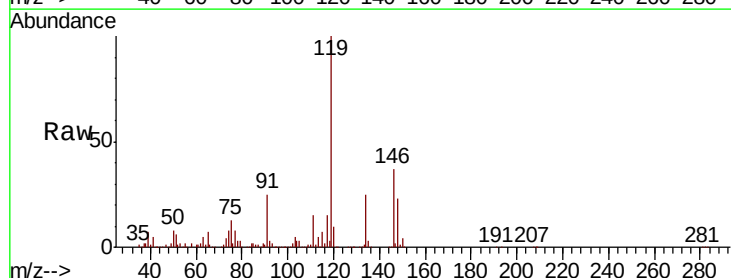
Tgt Ion:119 Resp: 1096483

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

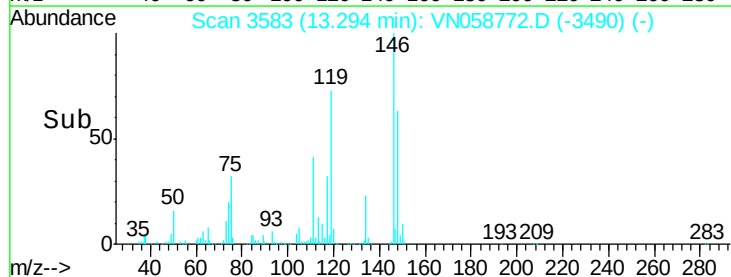
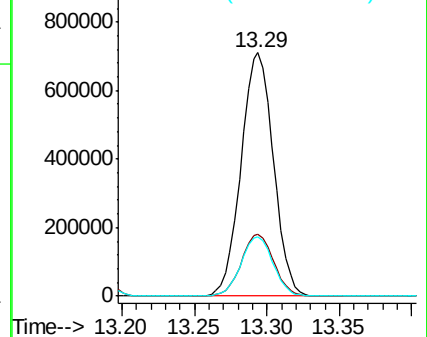
91 24.3 11.9 35.5

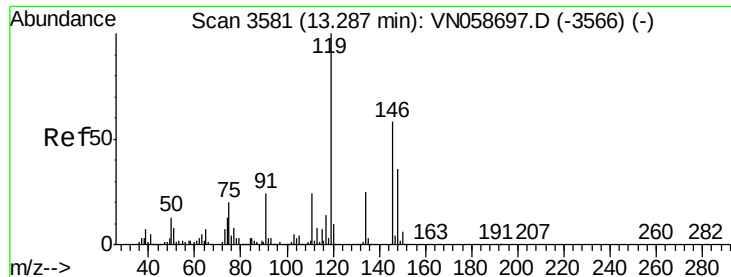


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





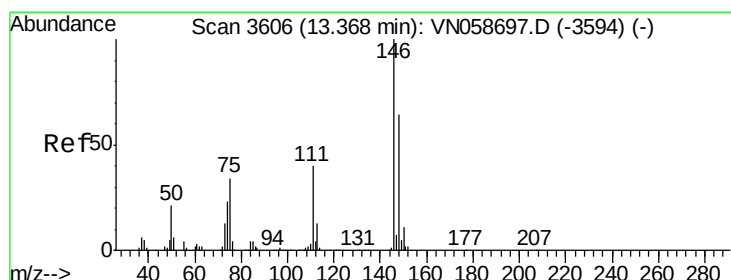
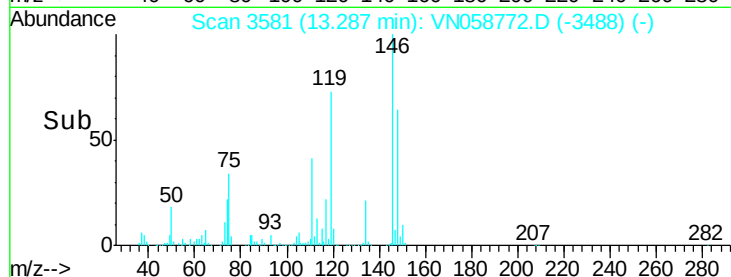
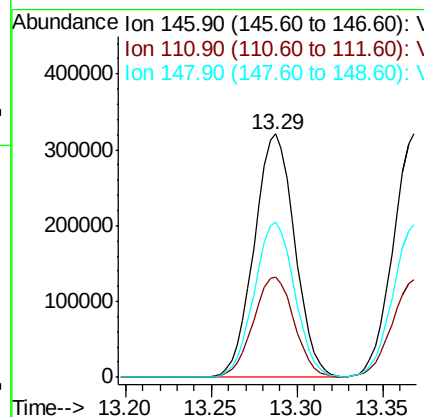
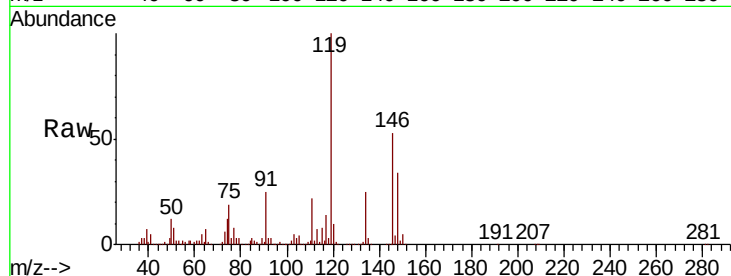
#87
 1,3-Dichlorobenzene
 Concen: 50.968 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	63.6	31.3	93.9

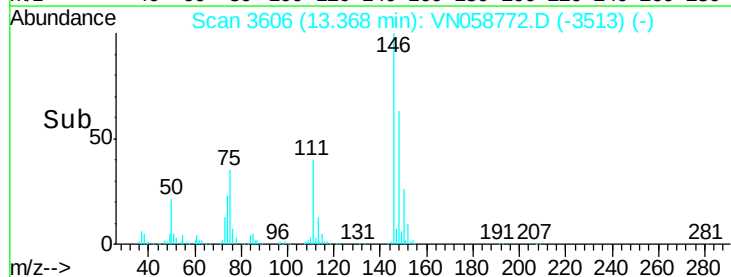
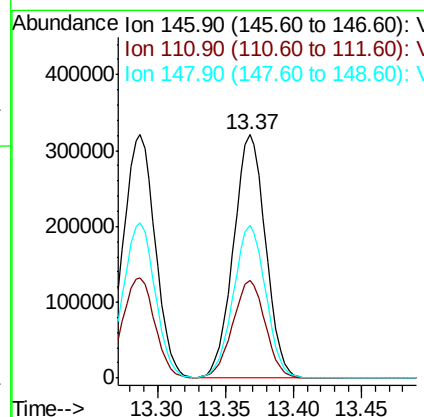
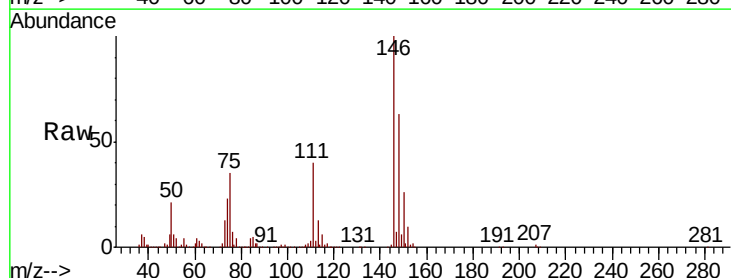
Manual Integrations
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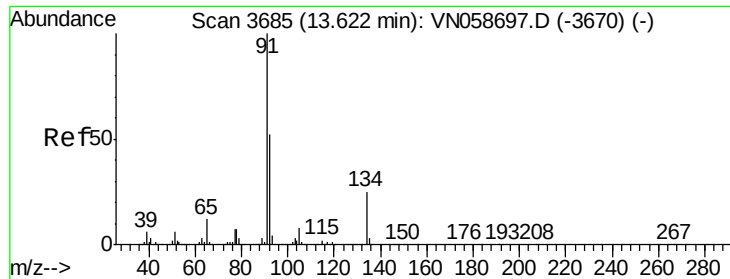
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#88
 1,4-Dichlorobenzene
 Concen: 50.016 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058772.D
 Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.4	31.9	95.7





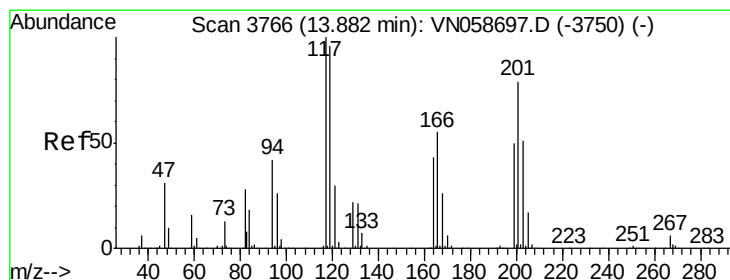
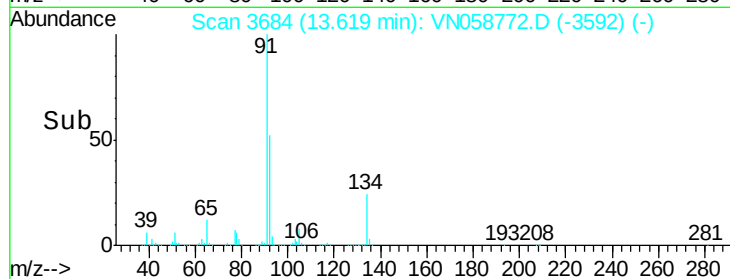
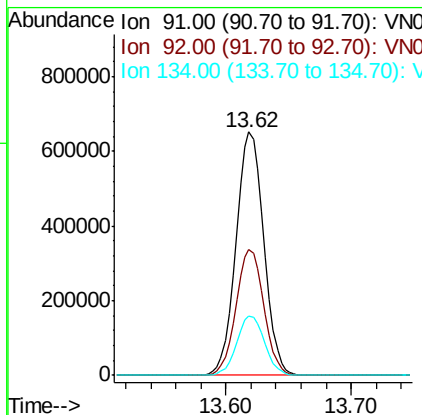
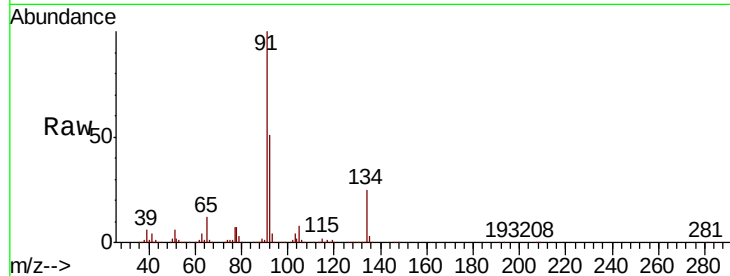
#89
n-Butylbenzene
Concen: 53.772 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1001613
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 24.5 12.2 36.6

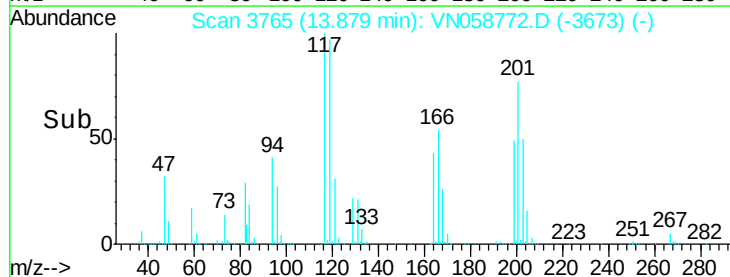
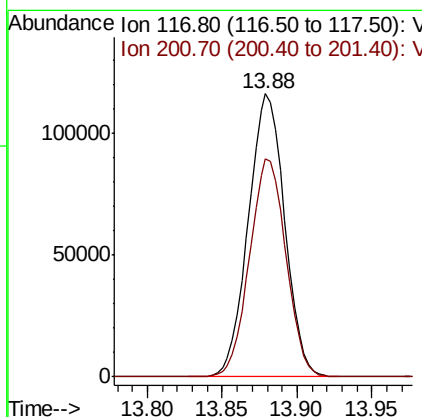
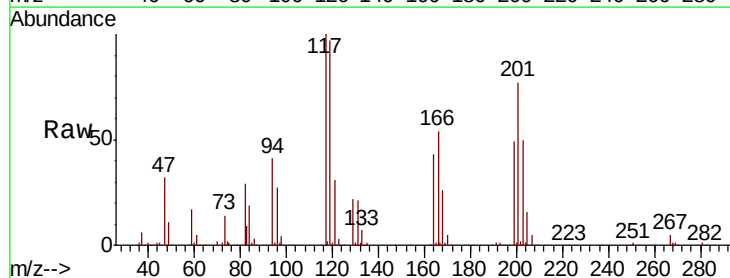
Manual Integrations
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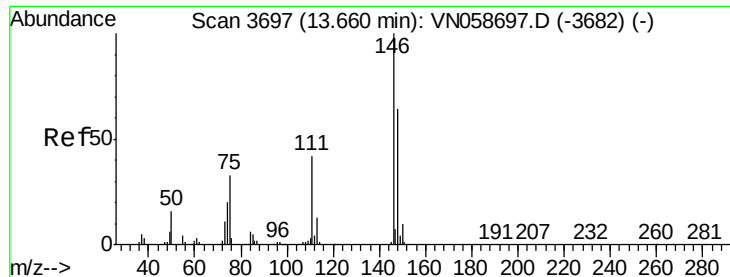
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#90
Hexachloroethane
Concen: 54.725 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion: 117 Resp: 197258
Ion Ratio Lower Upper
117 100
201 77.1 39.6 118.7





#91

1,2-Dichlorobenzene

Concen: 51.202 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

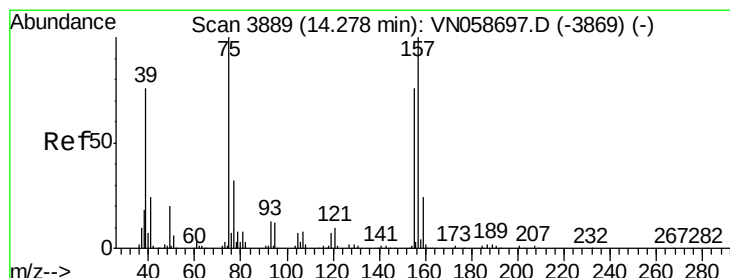
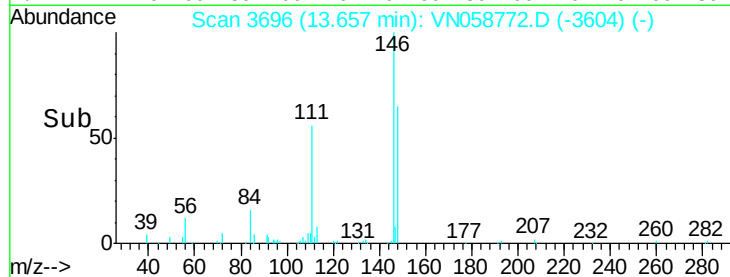
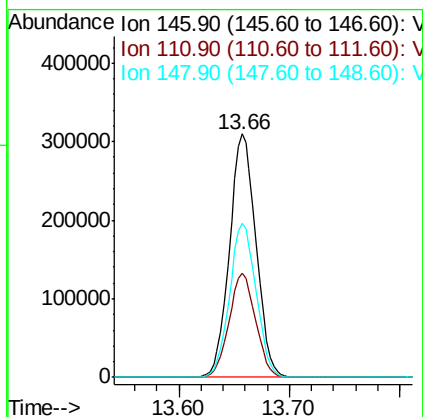
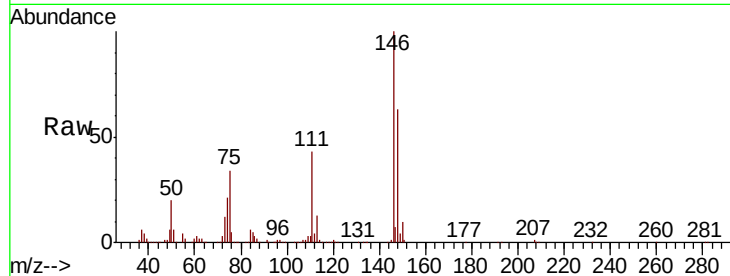
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	514855
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.1	63.4
148	63.5	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.282 ug/l

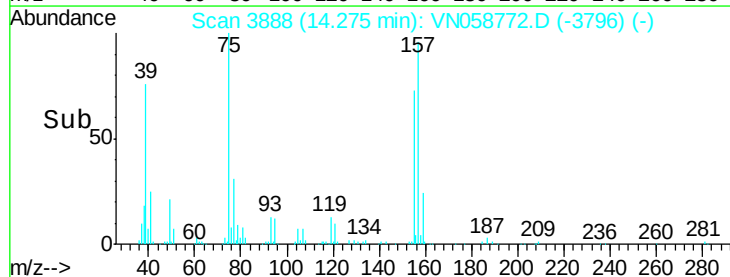
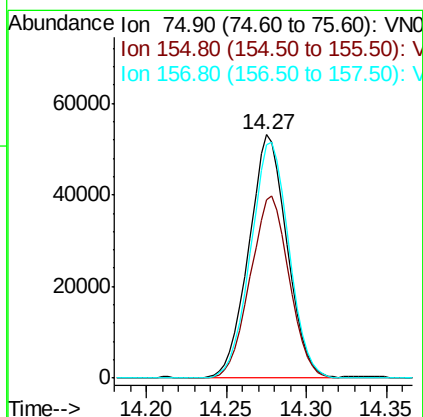
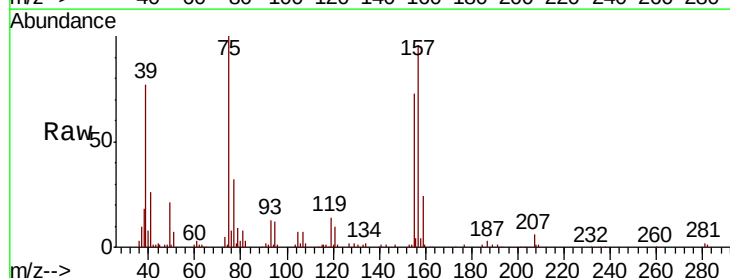
RT: 14.27 min Scan# 3888

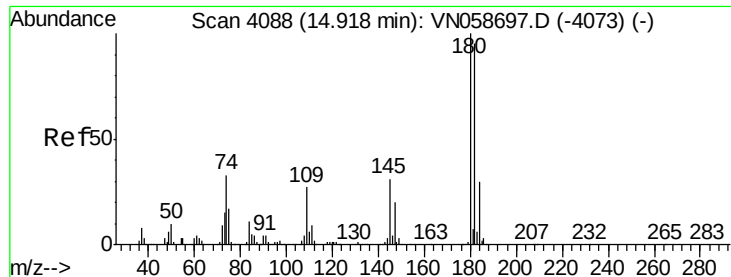
Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	75	Resp:	87233
Ion Ratio	Lower	Upper	
75	100		
155	76.1	37.9	113.6
157	97.1	49.4	148.2





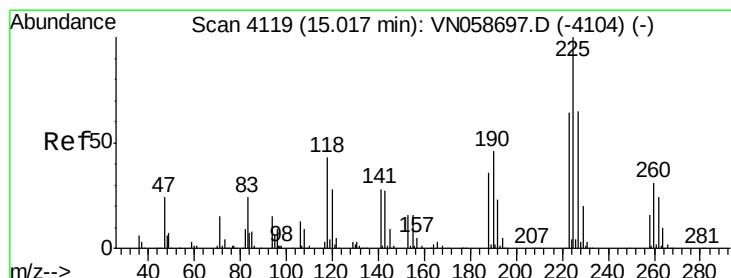
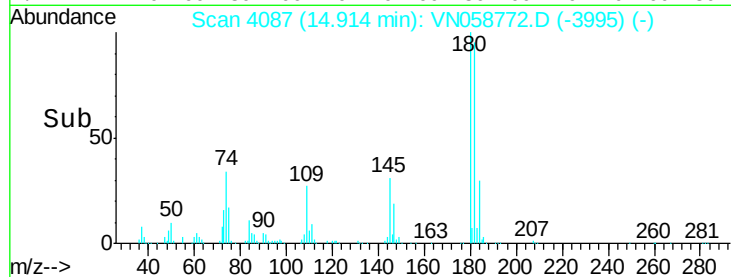
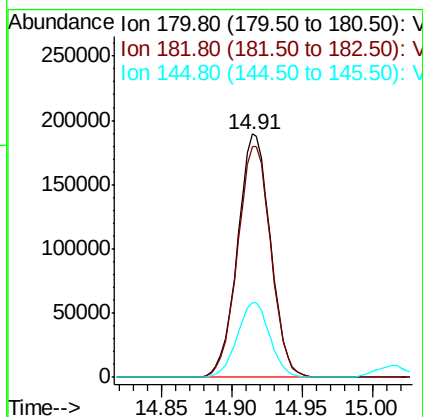
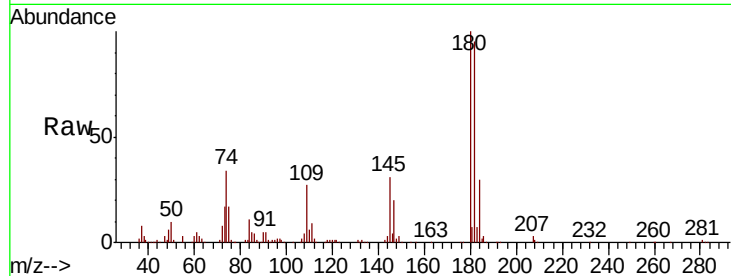
#93
1,2,4-Trichlorobenzene
Concen: 50.485 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	309671		
182	96.1	47.4	142.2	
145	30.5	15.4	46.2	

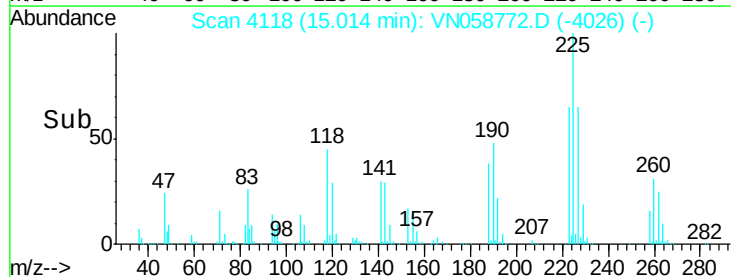
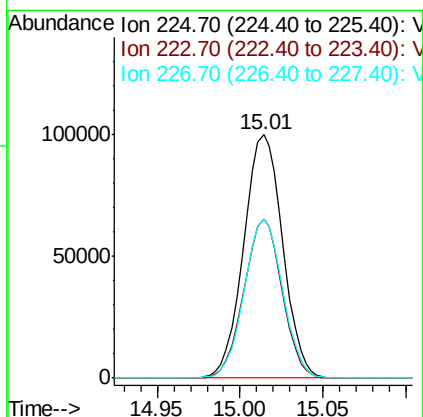
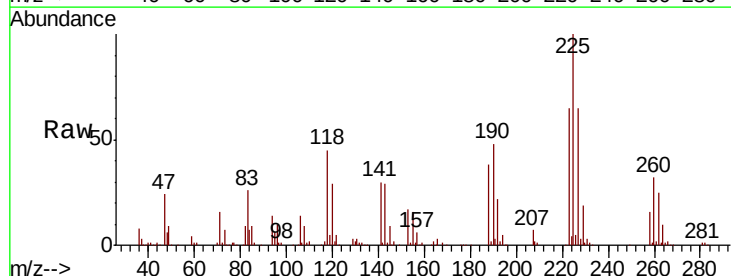
Manual Integrations
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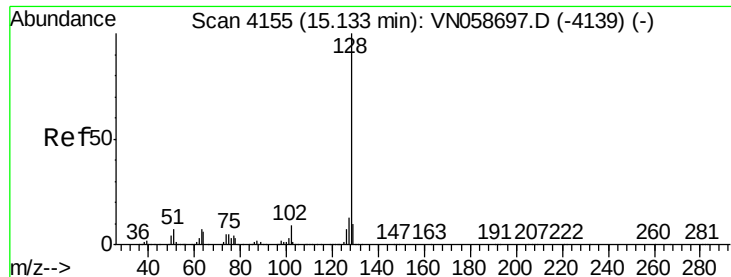
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#94
Hexachlorobutadiene
Concen: 50.435 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN058772.D
Acq: 15 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162913		
223	63.8	32.3	96.8	
227	64.5	32.4	97.0	





#95

Naphthalene

Concen: 52.217 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Instrument :

MSVOA_N

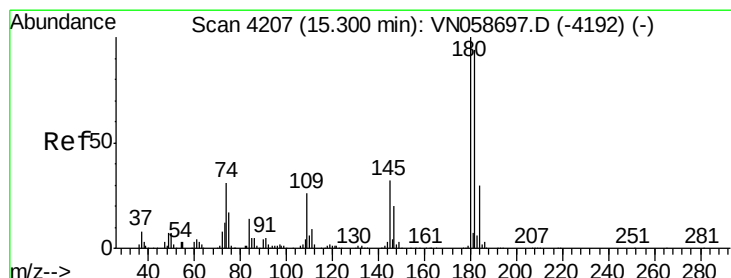
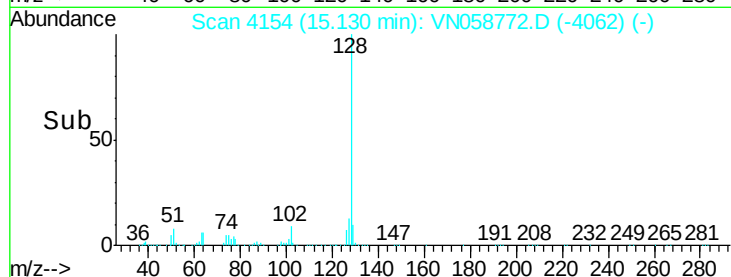
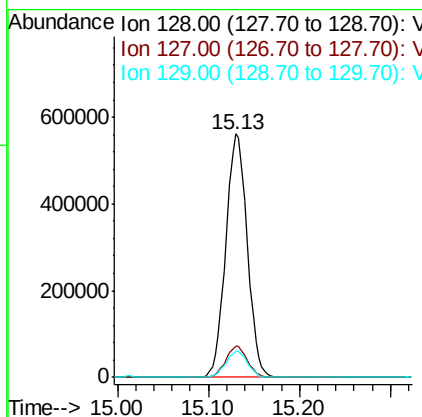
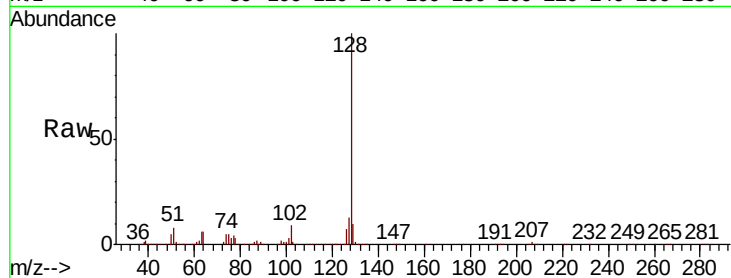
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	920503
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:42:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.342 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058772.D

Acq: 15 Oct 2019 10:43

Tgt Ion:	180	Resp:	301477
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	142.0
145	32.7	16.2	48.6

