

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063958.D
 Acq On : 7 Oct 2020 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 05:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222261	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	7.55	113	152939	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
50) Toluene-d8	10.06	98	577890	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.38	95	215707	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	129717	42.234	ug/l	98
3) Chloromethane	2.04	50	156328	43.378	ug/l	98
4) Vinyl Chloride	2.16	62	163019	45.064	ug/l	97
5) Bromomethane	2.53	94	96033	42.204	ug/l	97
6) Chloroethane	2.67	64	106693	49.357	ug/l	97
7) Trichlorofluoromethane	2.98	101	261327	45.548	ug/l	96
8) Diethyl Ether	3.38	74	94268	48.583	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133333	43.480	ug/l	97
10) Methyl Iodide	3.91	142	152511	42.833	ug/l	100
11) Tert butyl alcohol	4.73	59	142539	268.479	ug/l	99
12) 1,1-Dichloroethene	3.70	96	135208	46.128	ug/l	94
13) Acrolein	3.57	56	72761	223.299	ug/l	99
14) Allyl chloride	4.28	41	252383	46.348	ug/l	98
15) Acrylonitrile	4.93	53	397156	261.337	ug/l	99
16) Acetone	3.78	43	360363	243.436	ug/l	98
17) Carbon Disulfide	4.01	76	353834	44.738	ug/l	100
18) Methyl Acetate	4.28	43	207296	53.934	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	535434	50.280	ug/l	99
20) Methylene Chloride	4.51	84	163261	48.154	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	150157	45.736	ug/l	96
22) Diisopropyl ether	5.90	45	595281	53.132	ug/l	99
23) Vinyl Acetate	5.85	43	2438530	262.753	ug/l	99
24) 1,1-Dichloroethane	5.80	63	311801	48.673	ug/l	97
25) 2-Butanone	6.78	43	571797	272.449	ug/l	98
26) 2,2-Dichloropropane	6.78	77	225310	38.407	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178532	47.282	ug/l	99
28) Bromochloromethane	7.15	49	156533	49.440	ug/l	99
29) Tetrahydrofuran	7.17	42	384340	273.045	ug/l	96
30) Chloroform	7.33	83	329241	49.292	ug/l	96
31) Cyclohexane	7.61	56	242940	43.516	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	297026	49.302	ug/l	98
36) 1,1-Dichloropropene	7.75	75	224805	45.526	ug/l	99
37) Ethyl Acetate	6.88	43	243550	49.644	ug/l	98
38) Carbon Tetrachloride	7.74	117	254368	45.938	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	198507	40.312	ug/l	99
40) Benzene	8.00	78	672133	47.655	ug/l	99
41) Methacrylonitrile	7.12	41	98571	45.208	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	284475	47.251	ug/l	100
43) Isopropyl Acetate	8.13	43	416031	51.412	ug/l	100
44) Trichloroethene	8.80	130	168002	45.462	ug/l	100
45) 1,2-Dichloropropane	9.08	63	184409	48.413	ug/l	99
46) Dibromomethane	9.17	93	122969	46.797	ug/l	98
47) Bromodichloromethane	9.37	83	266138	49.144	ug/l	99
48) Methyl methacrylate	9.17	41	216770	54.219	ug/l	91
49) 1,4-Dioxane	9.17	88	56402	992.629	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1282067	269.975	ug/l	100
52) Toluene	10.13	92	428207	49.084	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	279193	48.094	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	292964	48.255	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	171795	49.104	ug/l	98
56) Ethyl methacrylate	10.40	69	260263	52.482	ug/l	96
57) 1,3-Dichloropropane	10.68	76	292783	49.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	684178	257.920	ug/l	100
59) 2-Hexanone	10.72	43	935739	265.252	ug/l	100
60) Dibromochloromethane	10.87	129	200798	49.283	ug/l	100
61) 1,2-Dibromoethane	10.98	107	180470	50.428	ug/l	99
64) Tetrachloroethene	10.60	164	152534	43.034	ug/l	98
65) Chlorobenzene	11.41	112	448625	47.737	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	177746	49.334	ug/l	99
67) Ethyl Benzene	11.49	91	832462	48.680	ug/l	99
68) m/p-Xylenes	11.59	106	610746	95.827	ug/l	100
69) o-Xylene	11.92	106	296637	49.796	ug/l	100
70) Styrene	11.94	104	510619	50.497	ug/l	99
71) Bromoform	12.10	173	139727	50.708	ug/l #	98
73) Isopropylbenzene	12.23	105	778378	48.802	ug/l	99
74) N-amyl acetate	12.05	43	374454	50.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	247349	50.715	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	334441	69.381	ug/l #	100
77) Bromobenzene	12.50	156	197599	50.490	ug/l	99
78) n-propylbenzene	12.57	91	882344	47.534	ug/l	100
79) 2-Chlorotoluene	12.65	91	563316	49.344	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	658282	49.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	81662	48.793	ug/l	96
82) 4-Chlorotoluene	12.75	91	579737	48.918	ug/l	99
83) tert-Butylbenzene	12.97	119	529663	48.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669092	50.083	ug/l	98
85) sec-Butylbenzene	13.15	105	682902	47.503	ug/l	99
86) p-Isopropyltoluene	13.26	119	620112	48.759	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342858	48.424	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	346089	46.946	ug/l	99
89) n-Butylbenzene	13.59	91	510998	43.533	ug/l	99
90) Hexachloroethane	13.85	117	119246	48.387	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	350471	49.976	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54748	47.865	ug/l	93

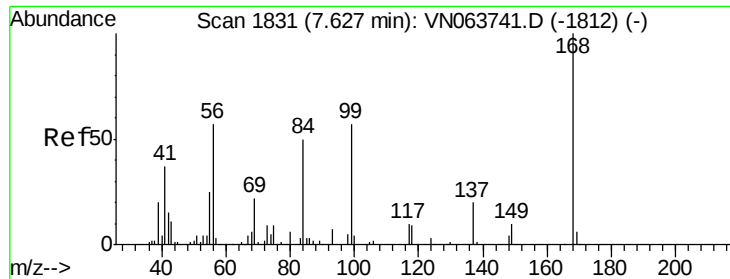
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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165614	43.658	ug/l	99
94) Hexachlorobutadiene	14.98	225	90382	47.537	ug/l	98
95) Naphthalene	15.10	128	505382	43.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164850	44.742	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

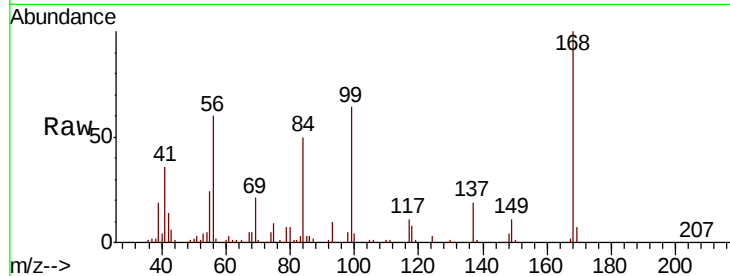
VSTDCCC050EC

Tot Ion:168 Resp: 291081

Ion Ratio Lower Upper

168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

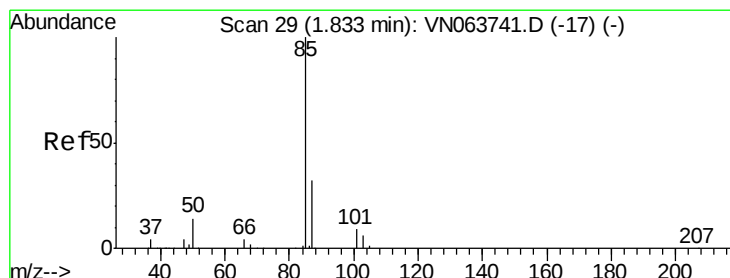
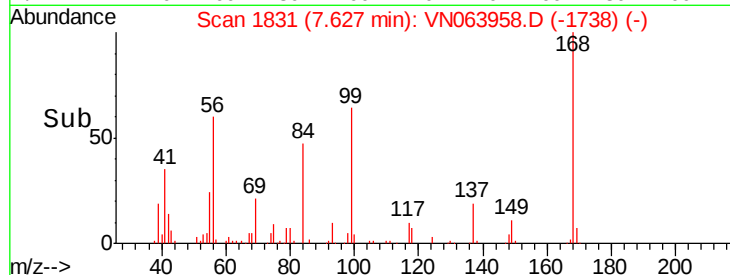
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.234 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063958.D

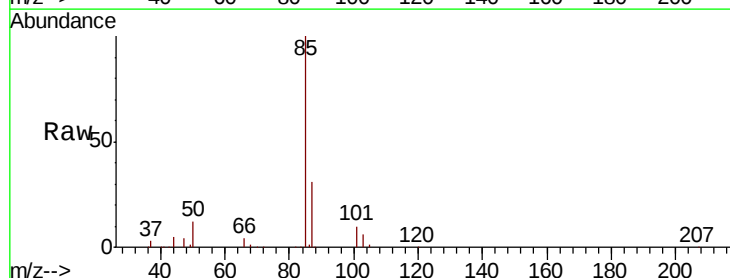
Acq: 7 Oct 2020 21:19

Tgt Ion: 85 Resp: 129717

Ion Ratio Lower Upper

85 100

87 30.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

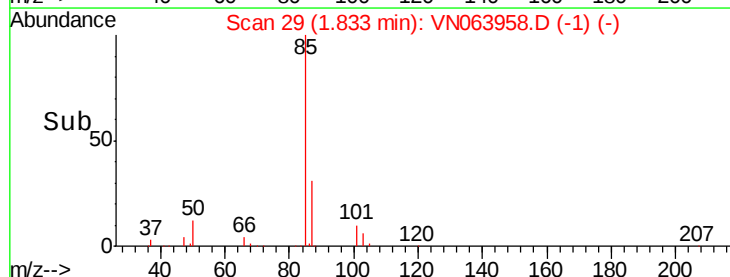
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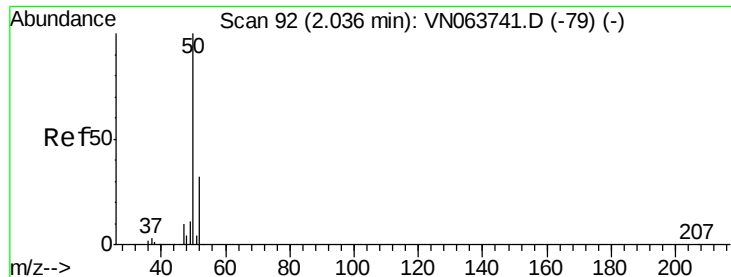
40000

20000

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Time-->





#3

Chloromethane

Concen: 43.378 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

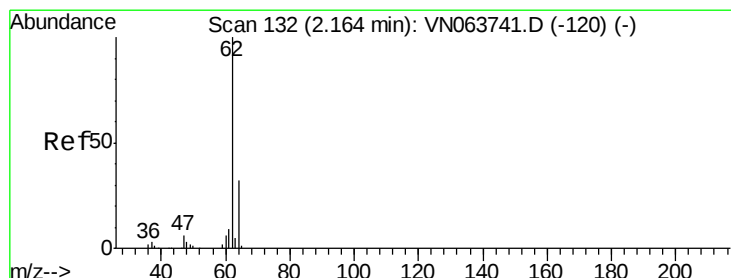
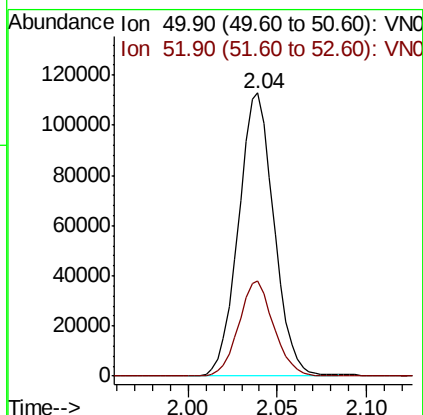
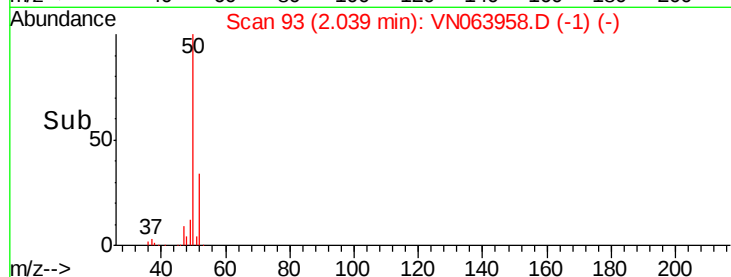
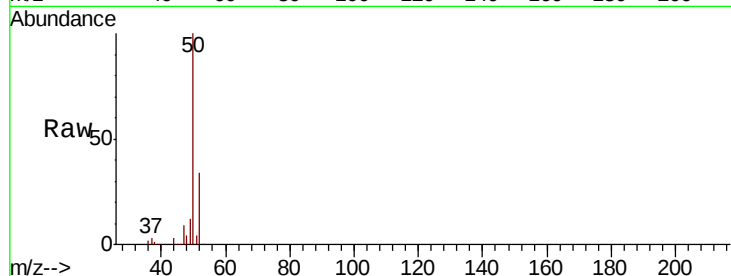
VSTDCCC050EC

Tot Ion: 50 Resp: 156328

Ion Ratio Lower Upper

50 100

52 33.6 25.8 38.8



#4

Vinyl Chloride

Concen: 45.064 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063958.D

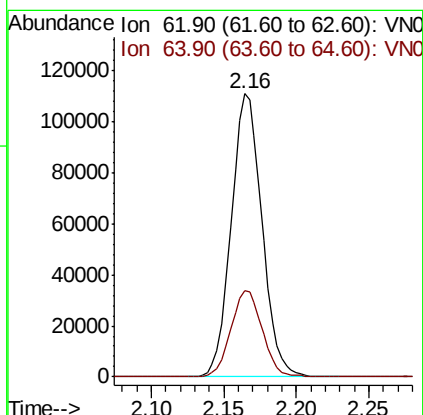
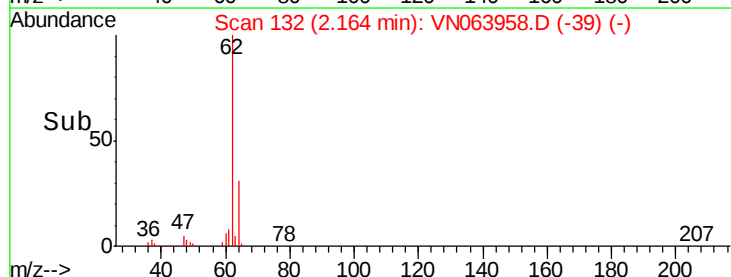
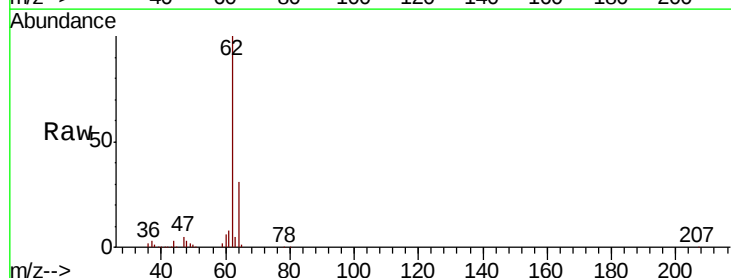
Acq: 7 Oct 2020 21:19

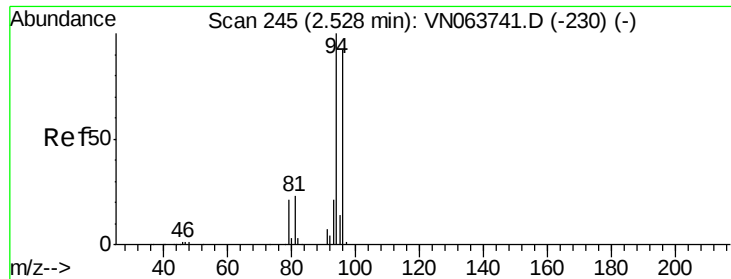
Tgt Ion: 62 Resp: 163019

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4





#5

Bromomethane

Concen: 42.204 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

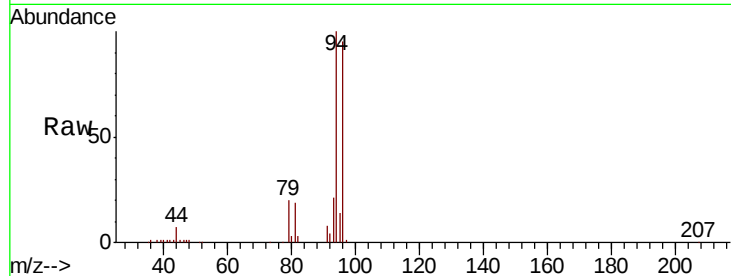
VSTDCCC050EC

Tot Ion: 94 Resp: 96033

Ion Ratio Lower Upper

94 100

96 94.8 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.53

50000

40000

30000

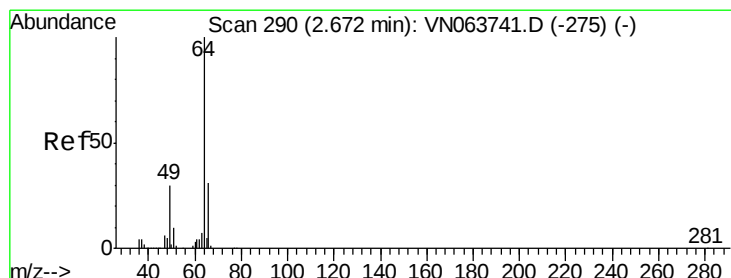
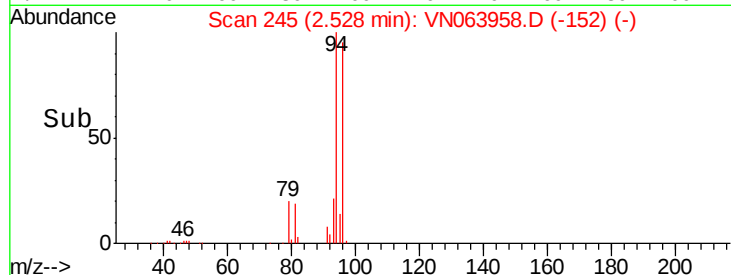
20000

10000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 49.357 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063958.D

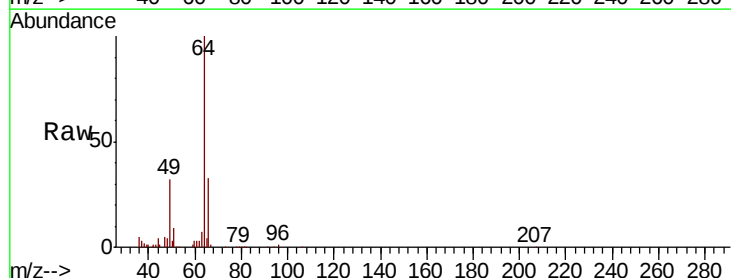
Acq: 7 Oct 2020 21:19

Tgt Ion: 64 Resp: 106693

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

60000

50000

40000

30000

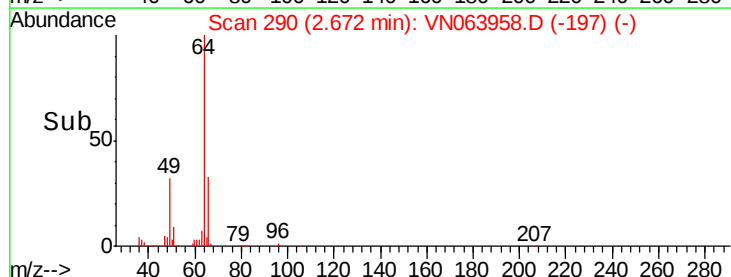
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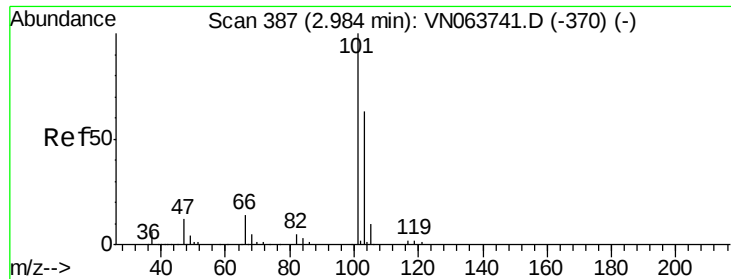
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0

2.60 2.70 2.80

Time-->



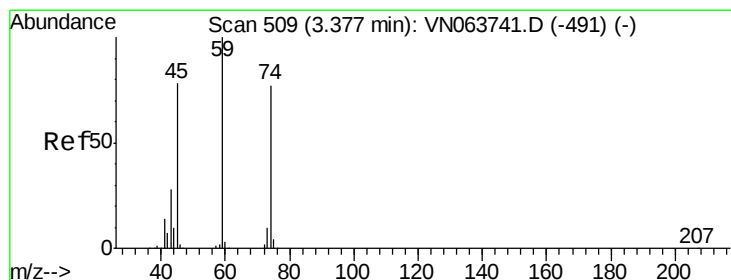
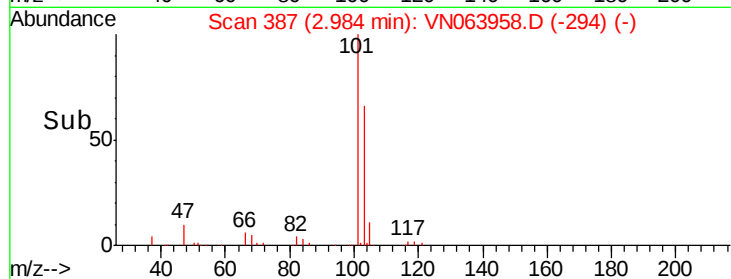
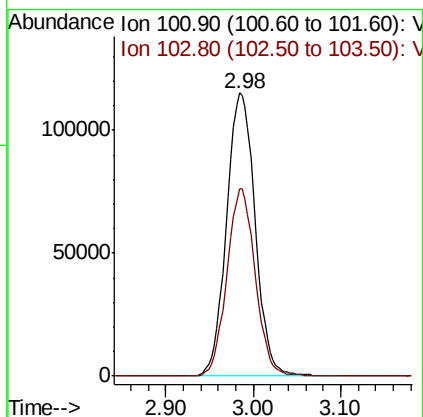
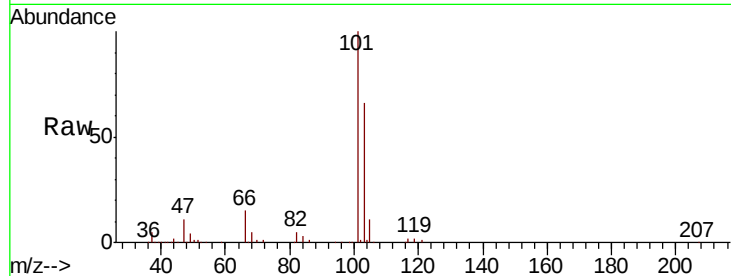


#7

Trichlorofluoromethane
 Concen: 45.548 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063958.D
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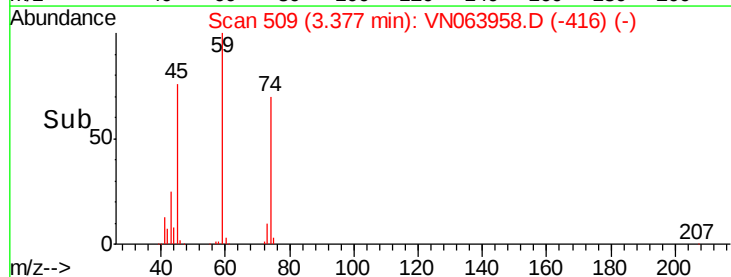
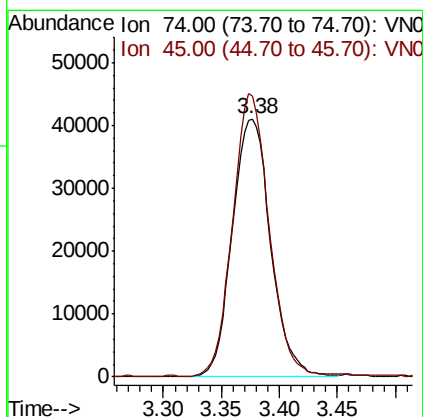
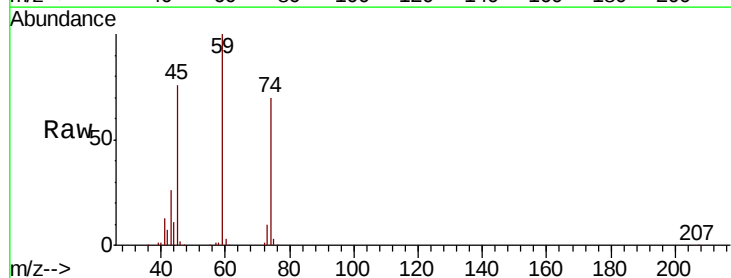
Tot Ion:101 Resp: 261327
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.7 76.1

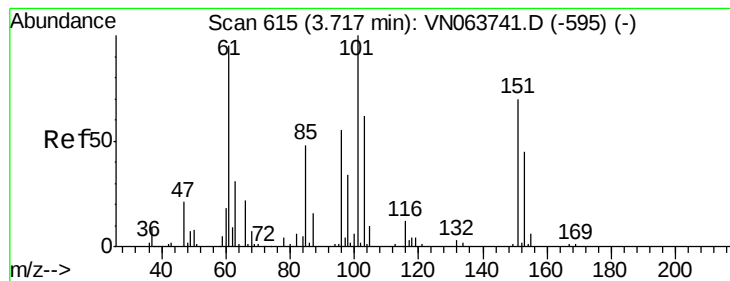


#8

Diethyl Ether
 Concen: 48.583 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 74 Resp: 94268
 Ion Ratio Lower Upper
 74 100
 45 105.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.480 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

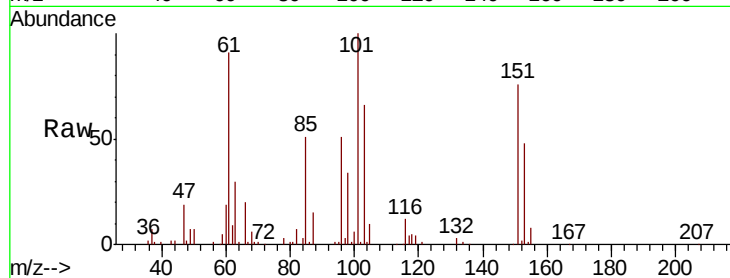
Tot Ion:101 Resp: 133333

Ion Ratio Lower Upper

101 100

85 48.4 38.6 58.0

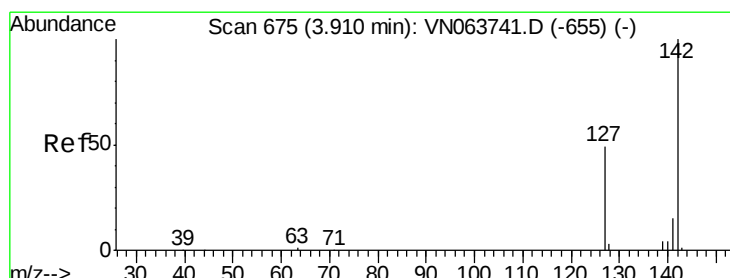
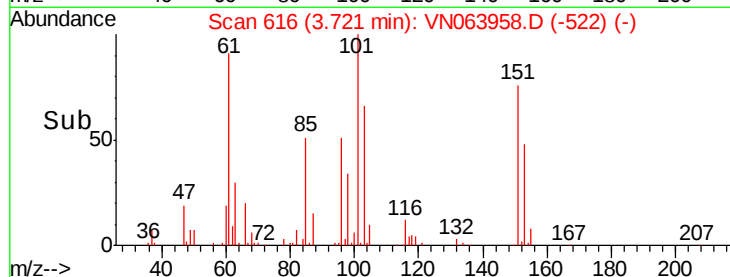
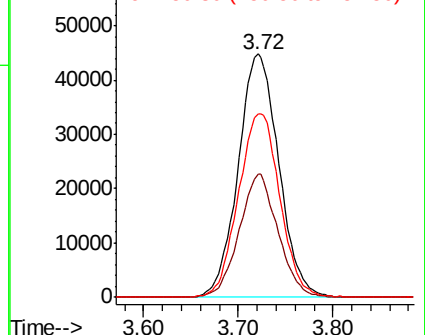
151 77.2 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.833 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

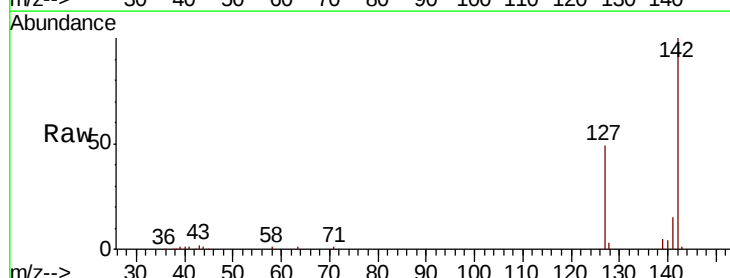
Tgt Ion:142 Resp: 152511

Ion Ratio Lower Upper

142 100

127 50.2 40.5 60.7

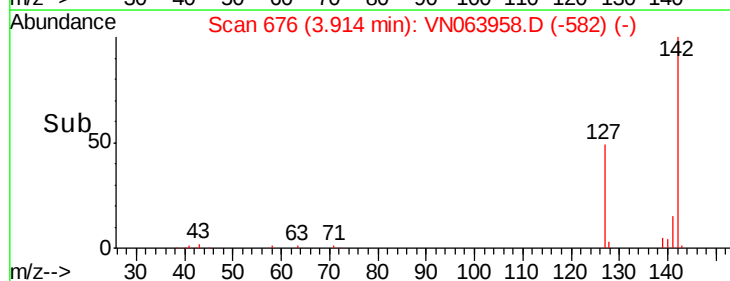
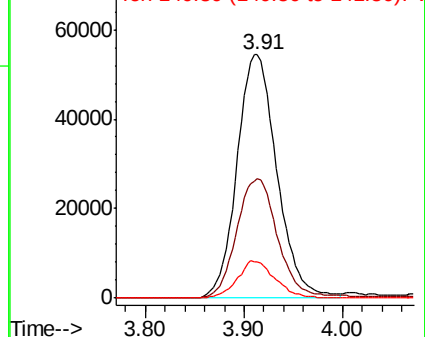
141 14.7 11.7 17.5

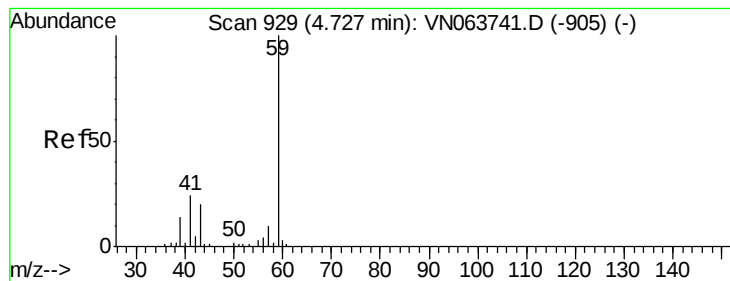


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



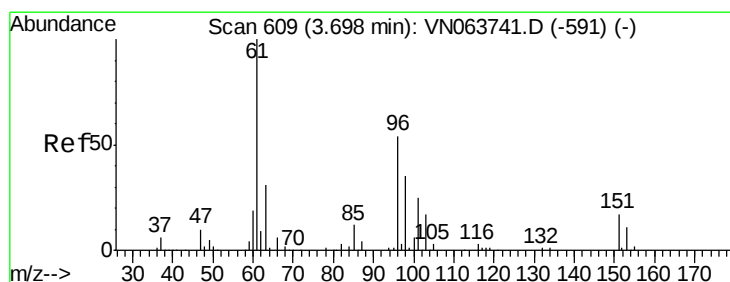
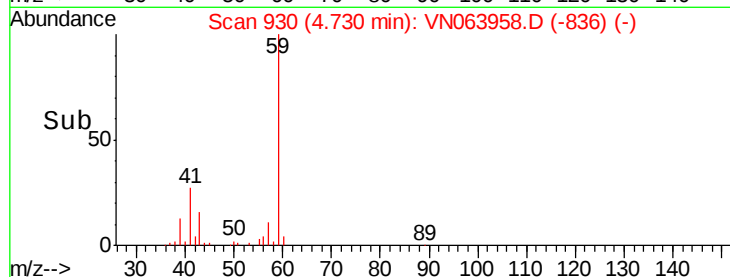
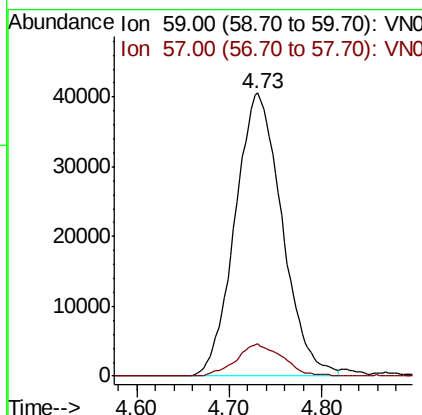
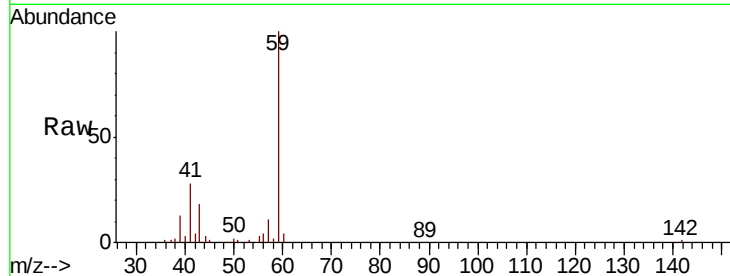


#11

Tert butyl alcohol
 Concen: 268.479 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

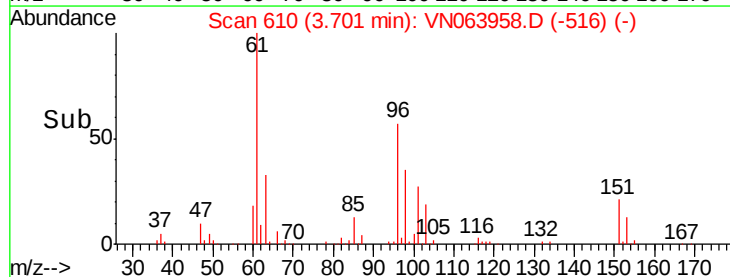
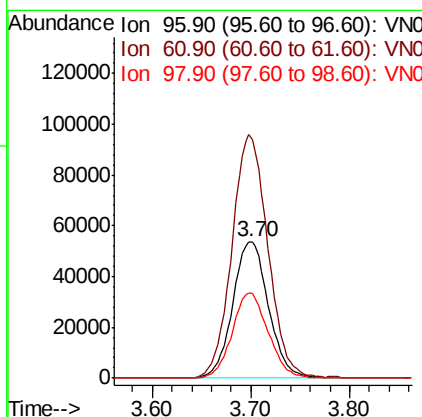
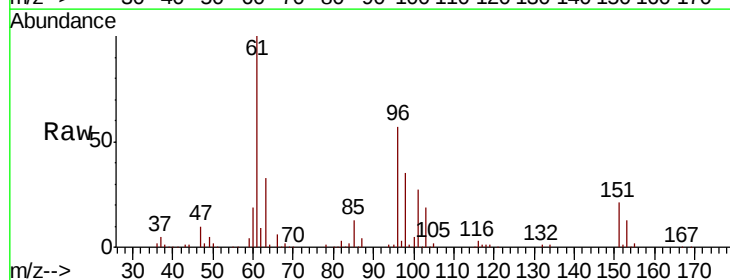
Tot Ion: 59 Resp: 142539
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.7 13.1

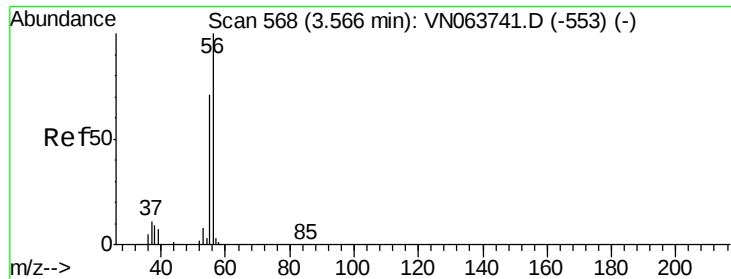


#12

1,1-Dichloroethene
 Concen: 46.128 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 96 Resp: 135208
 Ion Ratio Lower Upper
 96 100
 61 174.8 147.7 221.5
 98 61.9 51.9 77.9





#13

Acrolein

Concen: 223.299 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

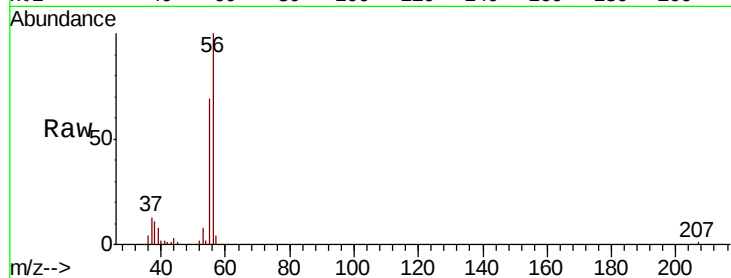
VSTDCCC050EC

Tot Ion: 56 Resp: 72761

Ion Ratio Lower Upper

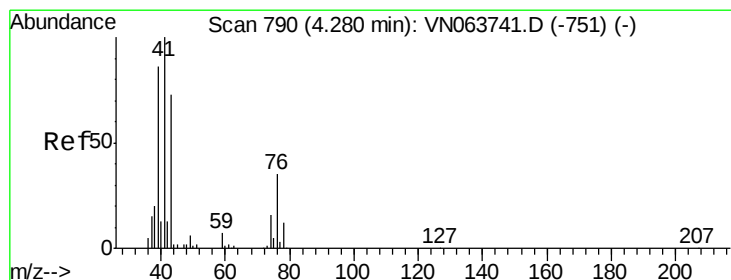
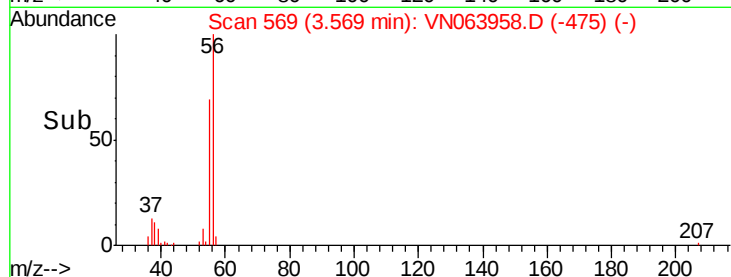
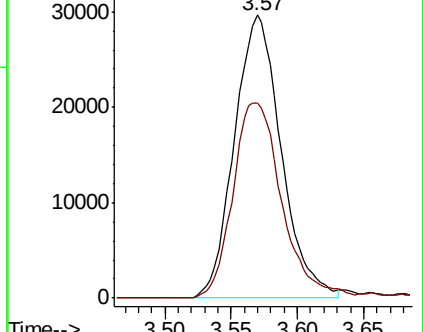
56 100

55 72.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)



#14

Allyl chloride

Concen: 46.348 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

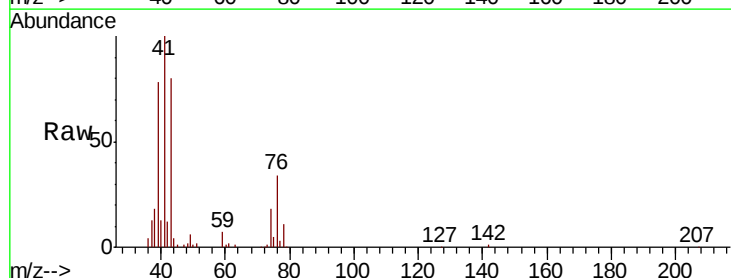
Tgt Ion: 41 Resp: 252383

Ion Ratio Lower Upper

41 100

39 82.1 64.5 96.7

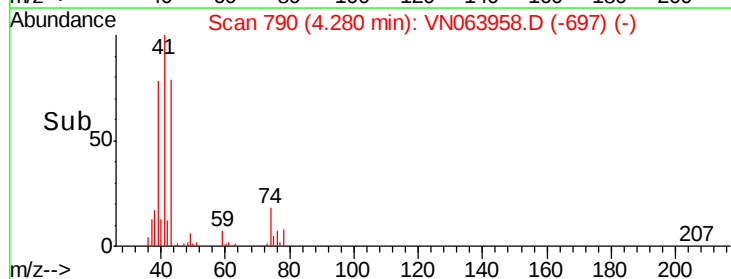
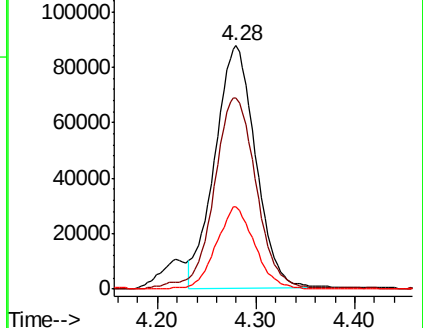
76 31.5 25.9 38.9

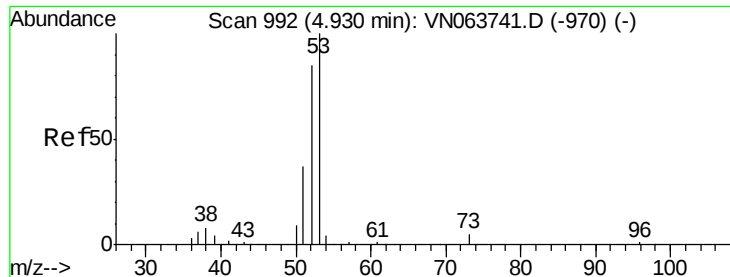


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)





#15

Acrylonitrile

Concen: 261.337 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

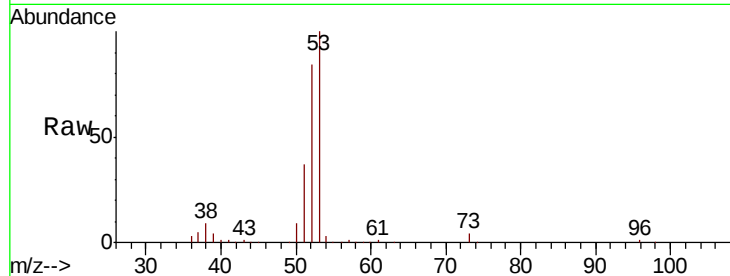
Tot Ion: 53 Resp: 397156

Ion Ratio Lower Upper

53 100

52 83.6 66.5 99.7

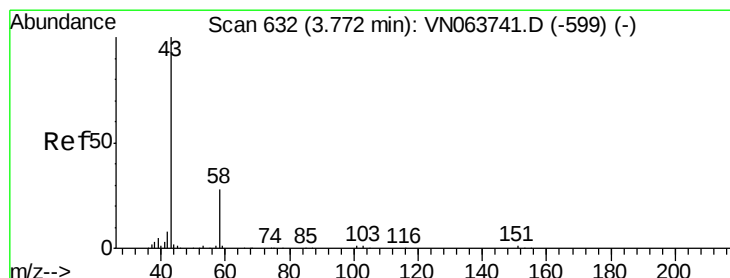
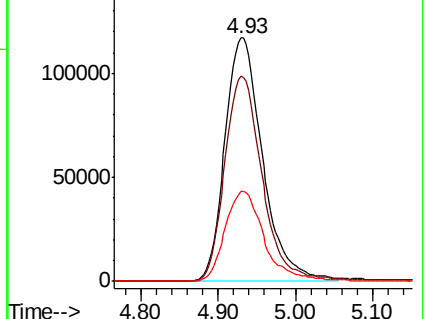
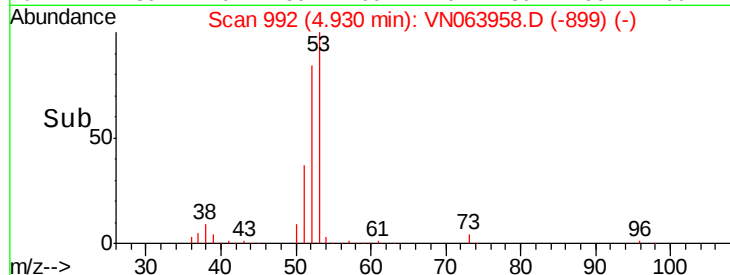
51 38.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063958.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063958.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063958.D (-899) (-)



#16

Acetone

Concen: 243.436 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063958.D

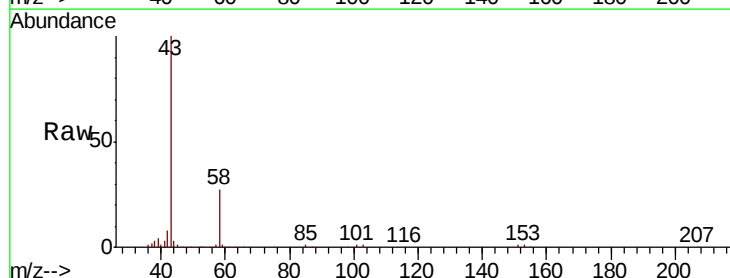
Acq: 7 Oct 2020 21:19

Tgt Ion: 43 Resp: 360363

Ion Ratio Lower Upper

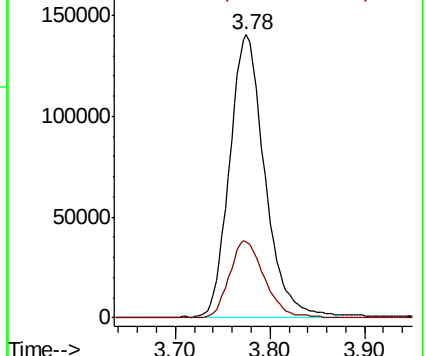
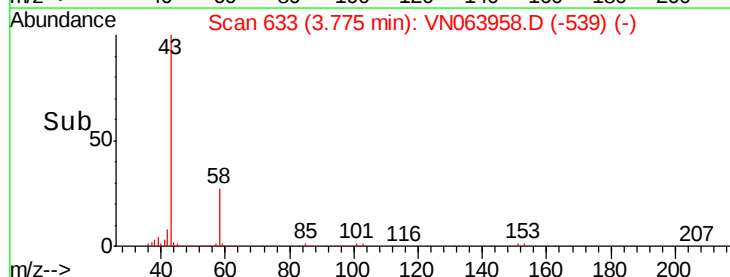
43 100

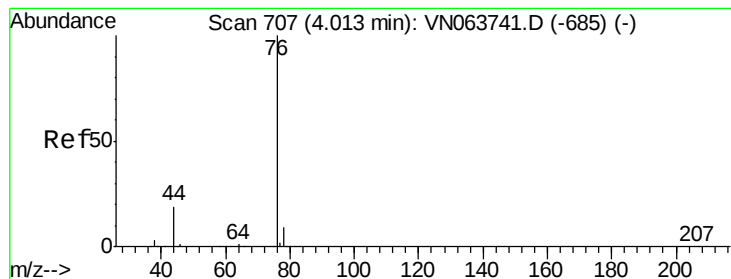
58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063958.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063958.D (-539) (-)





#17

Carbon Disulfide

Concen: 44.738 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

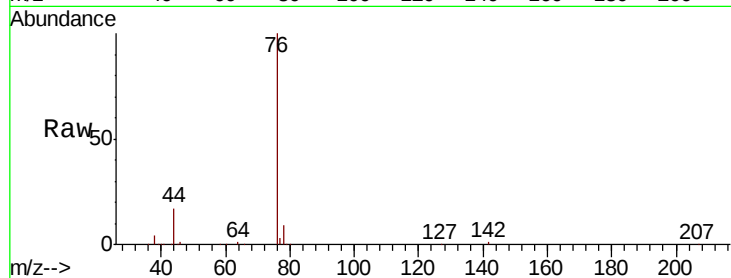
VSTDCCC050EC

Tot Ion: 76 Resp: 353834

Ion Ratio Lower Upper

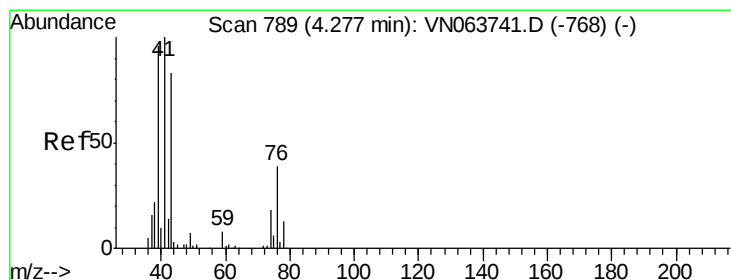
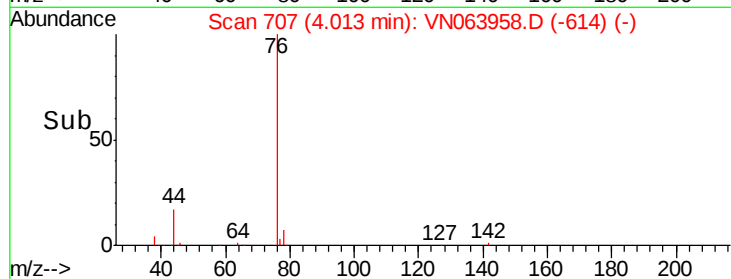
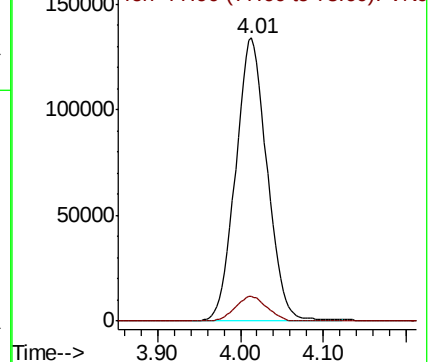
76 100

78 8.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063958.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063958.D (-614) (-)



#18

Methyl Acetate

Concen: 53.934 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063958.D

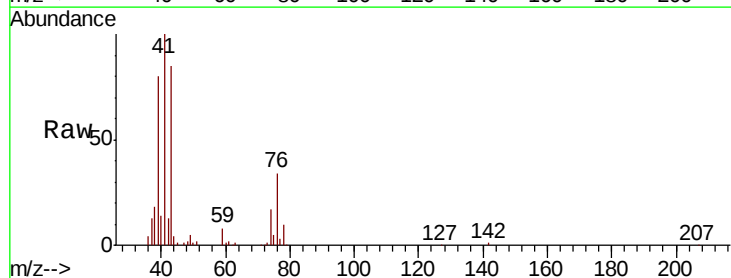
Acq: 7 Oct 2020 21:19

Tgt Ion: 43 Resp: 207296

Ion Ratio Lower Upper

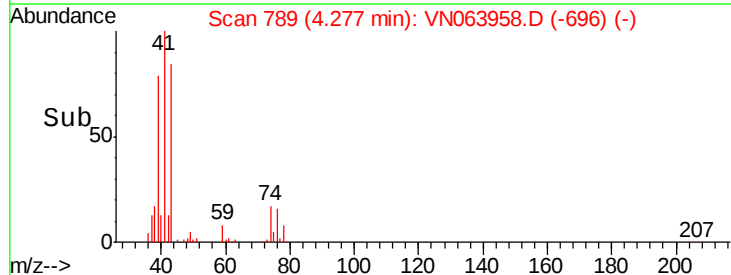
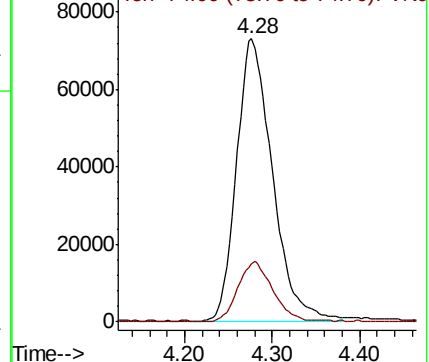
43 100

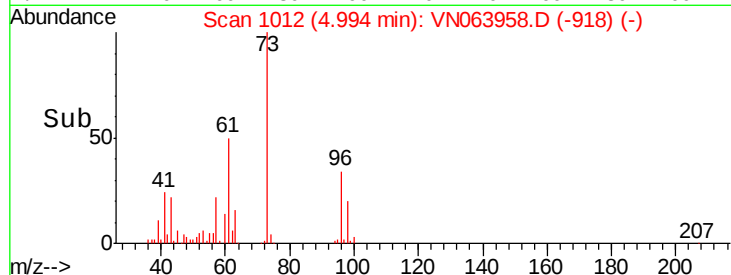
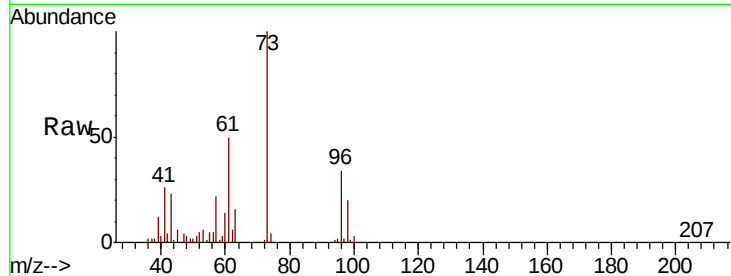
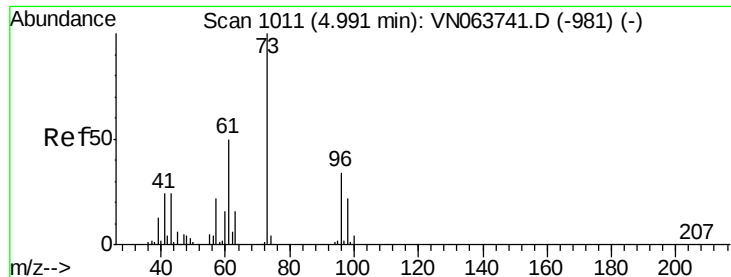
74 20.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063958.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063958.D (-696) (-)



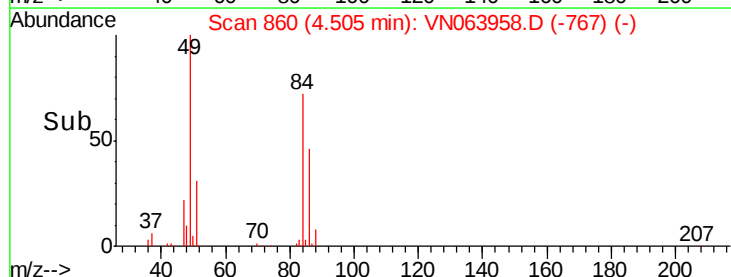
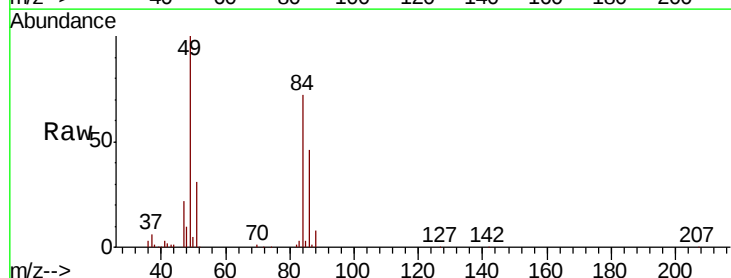
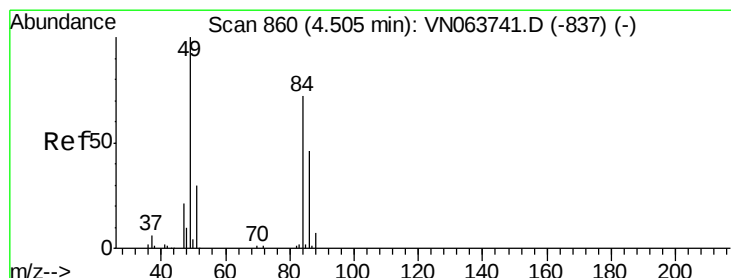
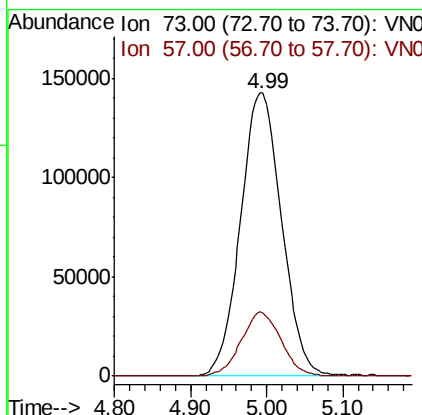


#19

Methyl tert-butyl Ether
Concen: 50.280 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

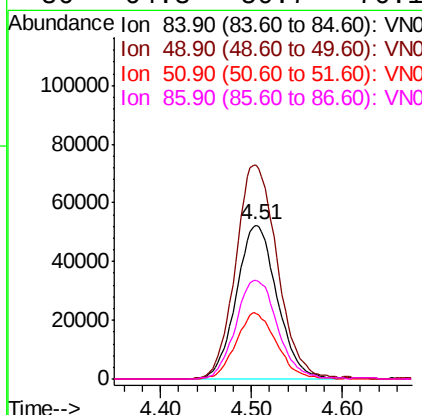
Tot Ion: 73 Resp: 535434
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

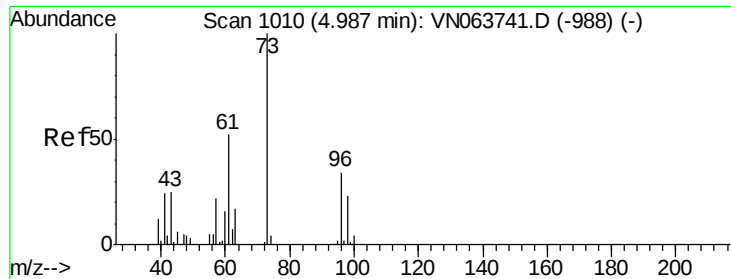


#20

Methylene Chloride
Concen: 48.154 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 84 Resp: 163261
Ion Ratio Lower Upper
84 100
49 138.8 110.4 165.6
51 42.8 33.3 49.9
86 64.3 50.7 76.1

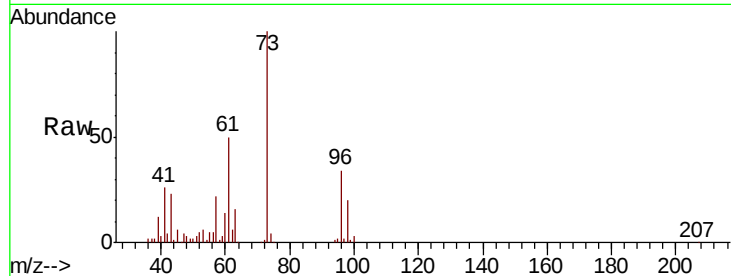




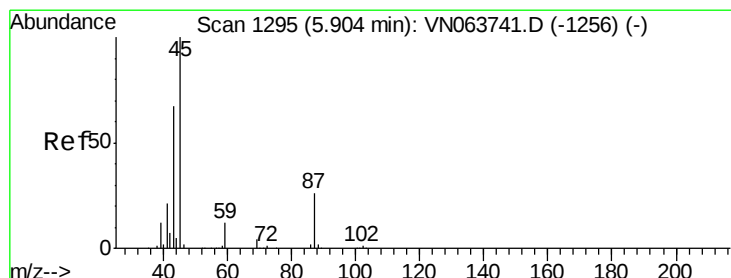
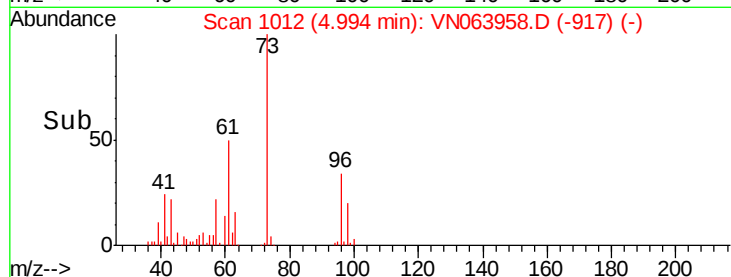
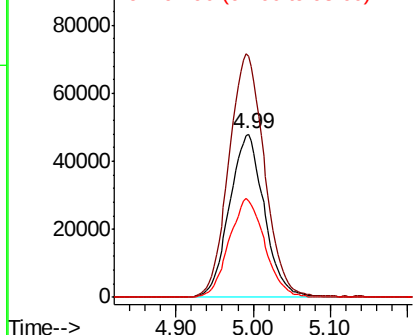
#21
trans-1,2-Dichloroethene
Concen: 45.736 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 150157
Ion Ratio Lower Upper
96 100
61 147.9 120.2 180.2
98 59.4 52.6 79.0

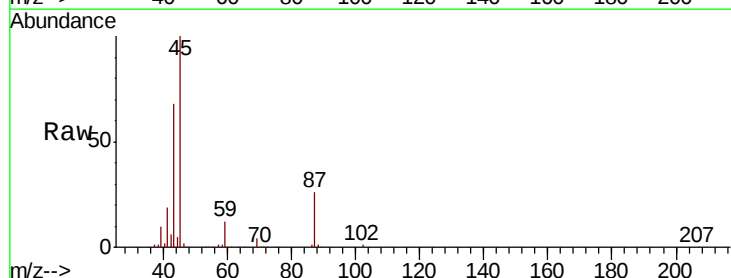


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

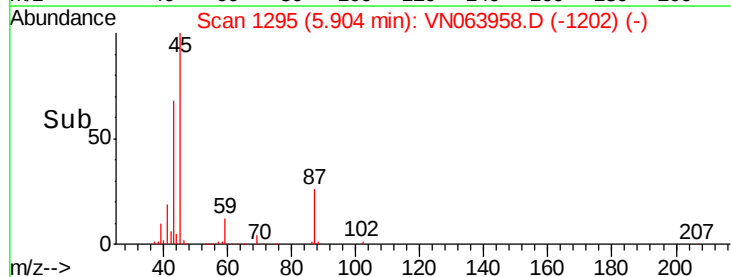
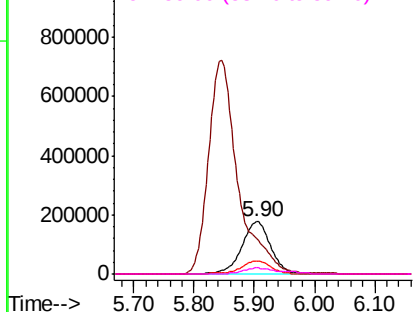


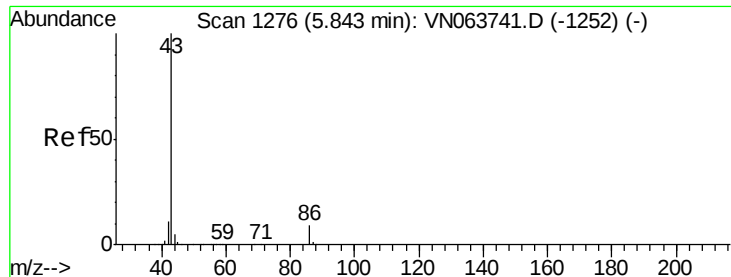
#22
Diisopropyl ether
Concen: 53.132 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 45 Resp: 595281
Ion Ratio Lower Upper
45 100
43 66.5 53.7 80.5
87 25.7 21.1 31.7
59 11.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 262.753 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

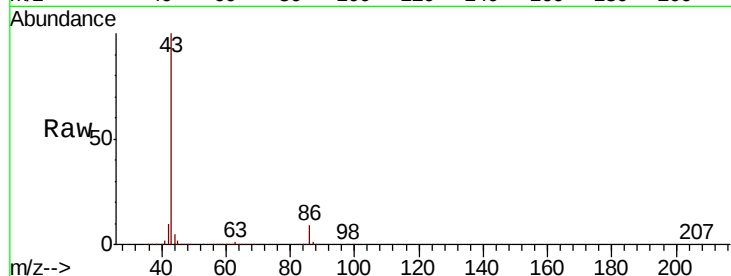
VSTDCCC050EC

Tot Ion: 43 Resp: 2438530

Ion Ratio Lower Upper

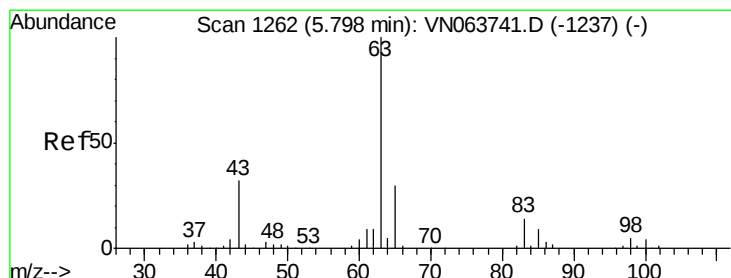
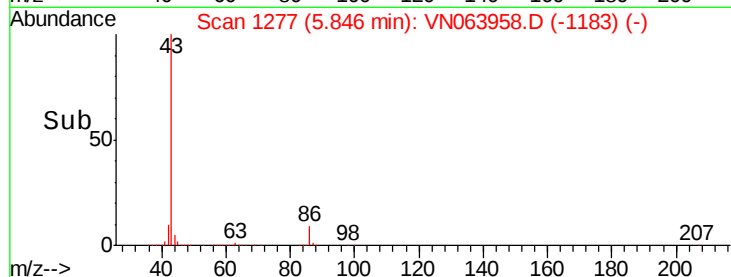
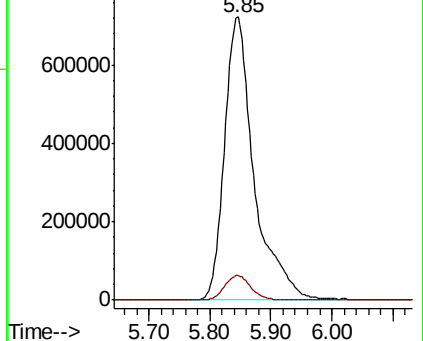
43 100

86 8.7 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063958.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063958.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 48.673 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

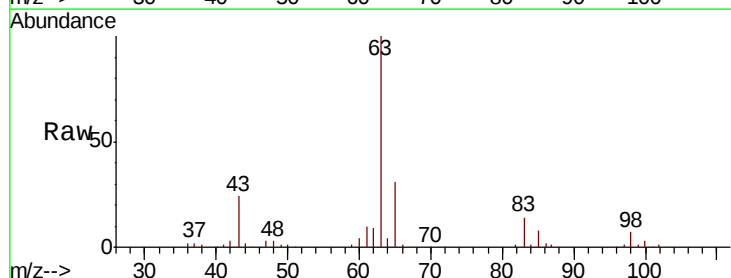
Tgt Ion: 63 Resp: 311801

Ion Ratio Lower Upper

63 100

98 6.7 2.7 8.1

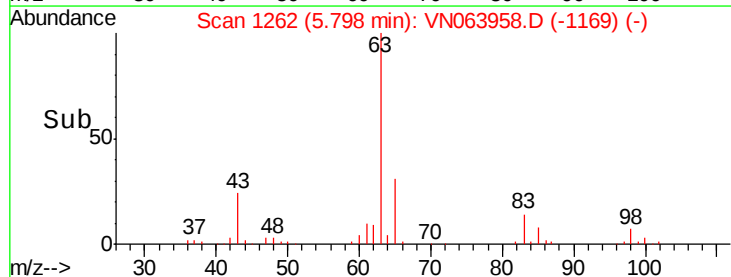
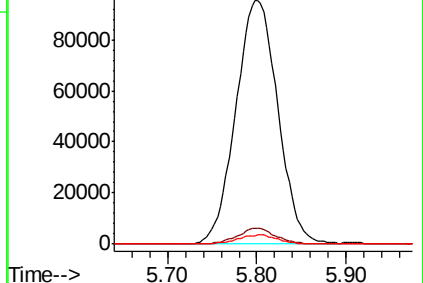
100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN063958.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN063958.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN063958.D (-1169) (-)

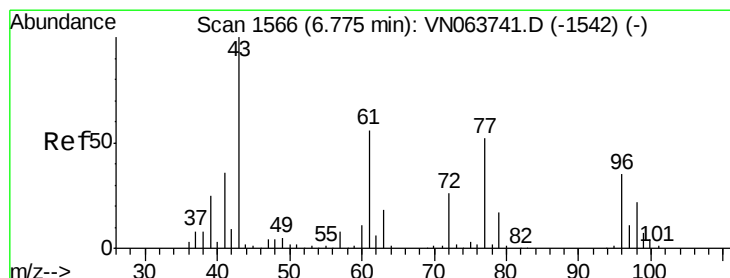
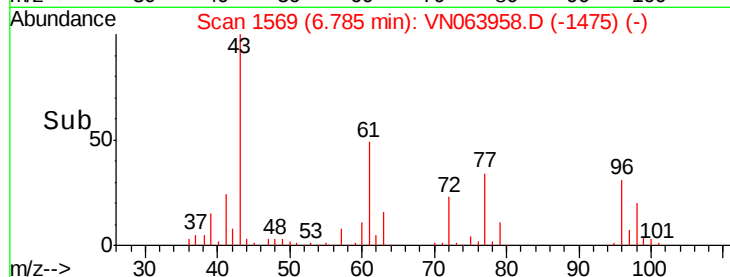
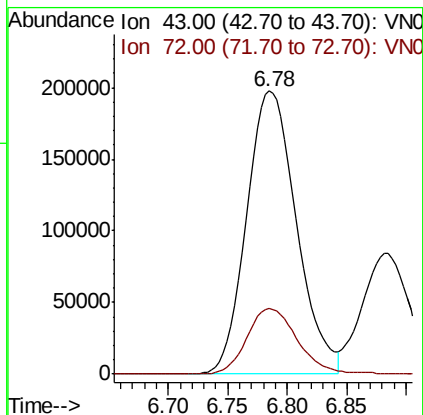
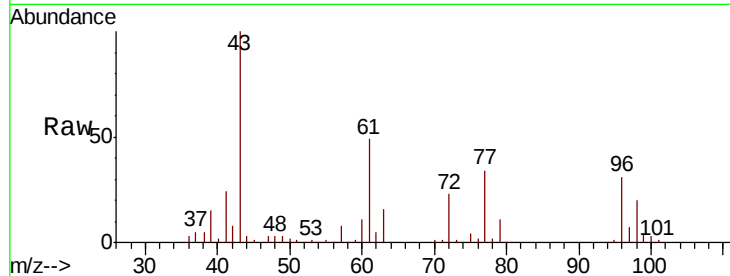




#25
2-Butanone
Concen: 272.449 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

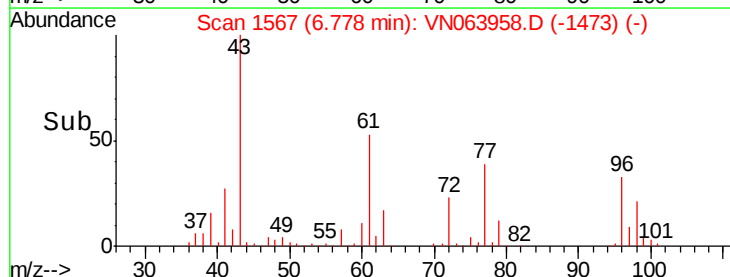
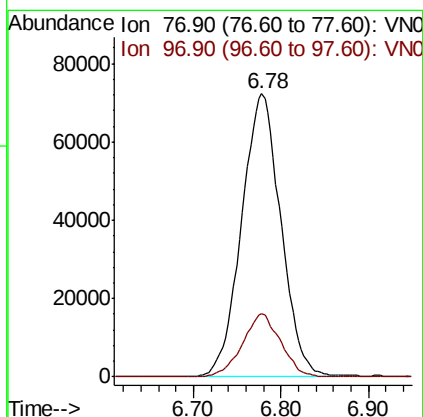
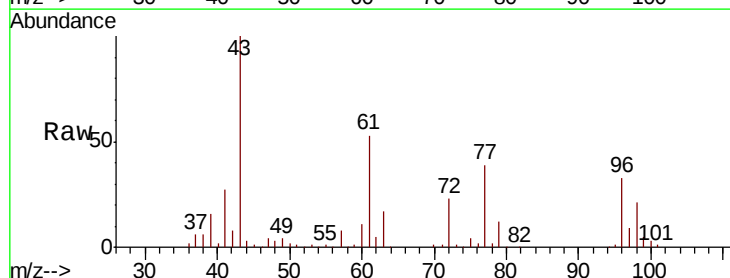
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

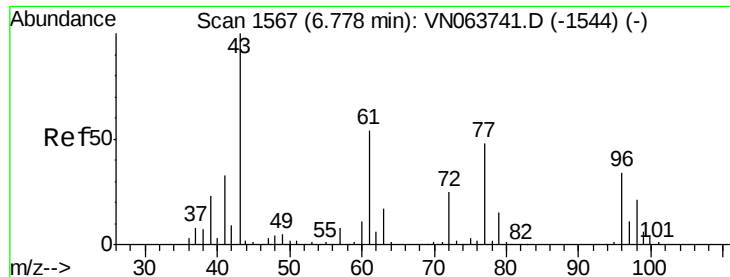
Tot Ion: 43 Resp: 571797
Ion Ratio Lower Upper
43 100
72 23.2 19.3 28.9



#26
2,2-Dichloropropane
Concen: 38.407 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 77 Resp: 225310
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.282 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

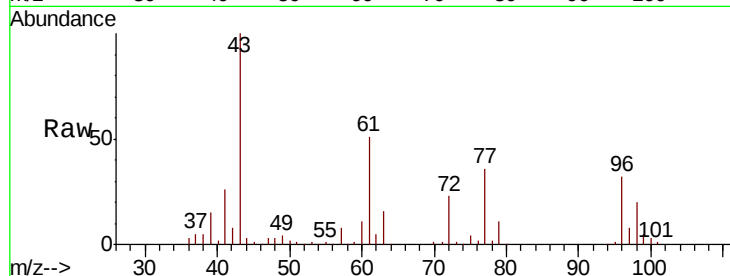
Tot Ion: 96 Resp: 178532

Ion Ratio Lower Upper

96 100

61 159.9 0.0 321.2

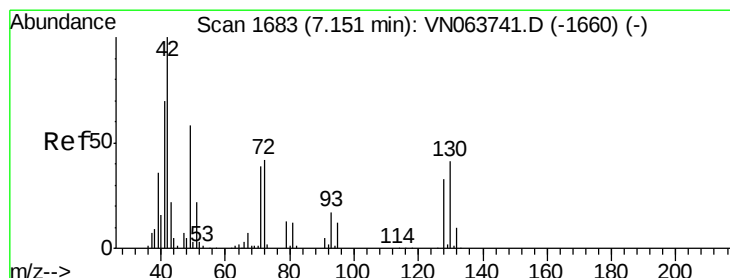
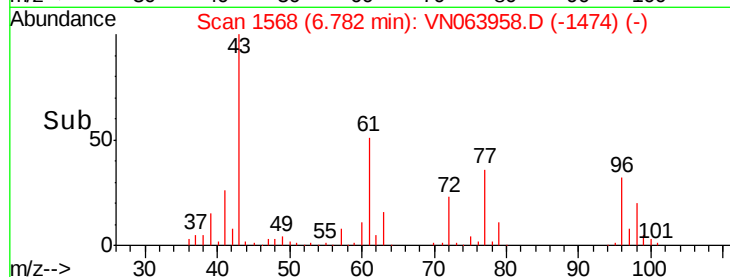
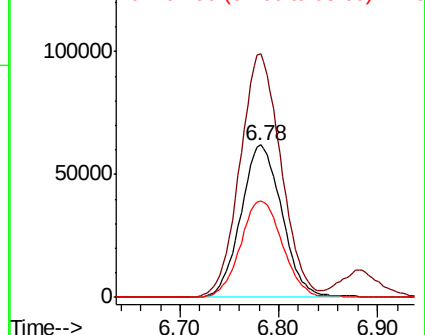
98 65.2 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 49.440 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

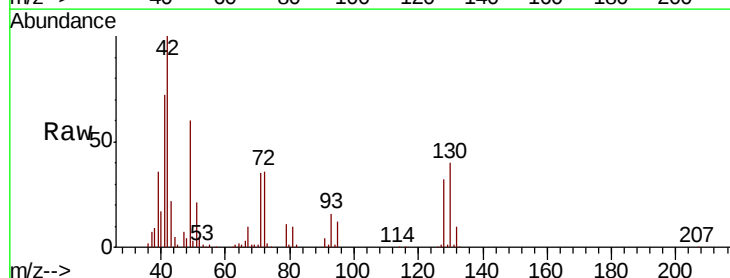
Tgt Ion: 49 Resp: 156533

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.8

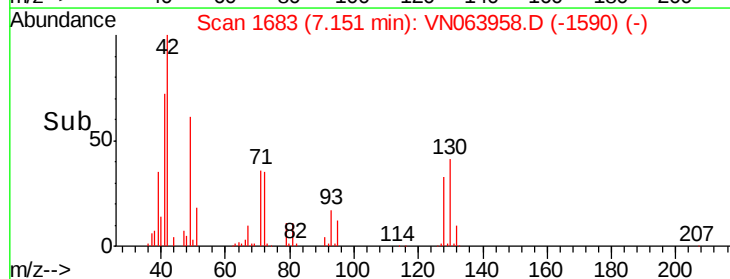
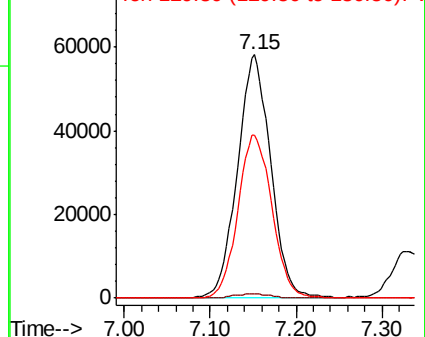
130 68.5 55.6 83.4

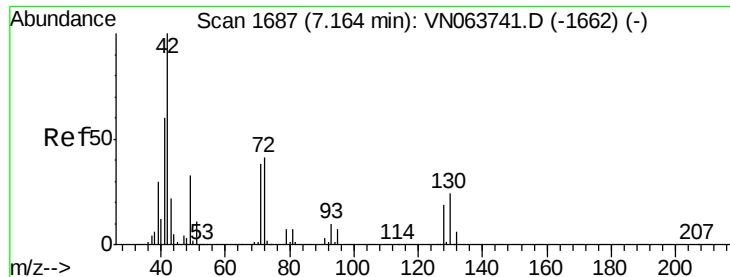


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 273.045 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

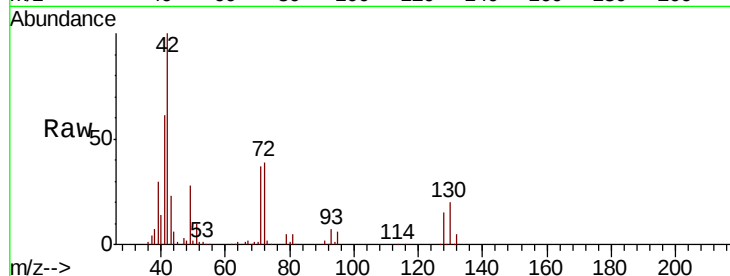
Tot Ion: 42 Resp: 384340

Ion Ratio Lower Upper

42 100

72 38.1 32.8 49.2

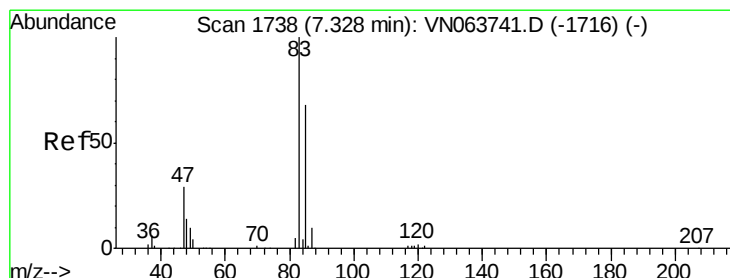
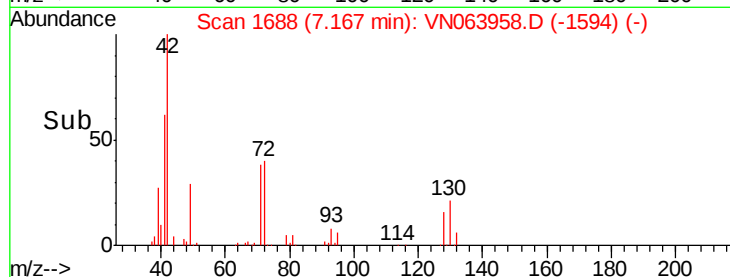
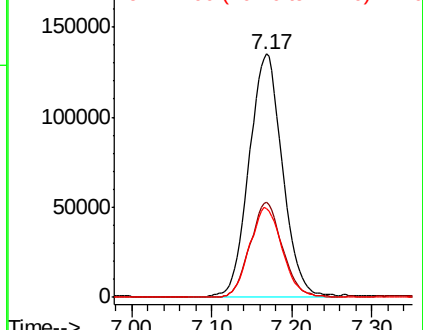
71 36.1 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.292 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063958.D

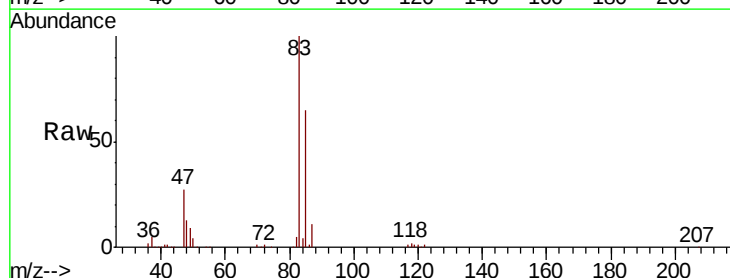
Acq: 7 Oct 2020 21:19

Tgt Ion: 83 Resp: 329241

Ion Ratio Lower Upper

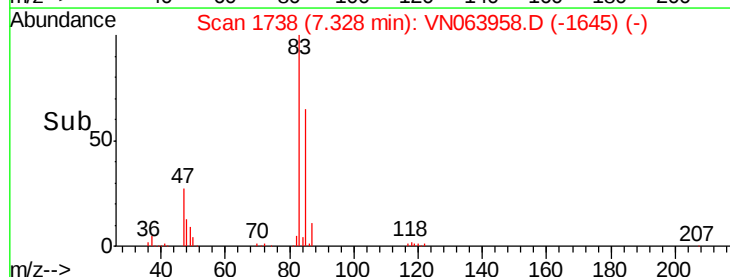
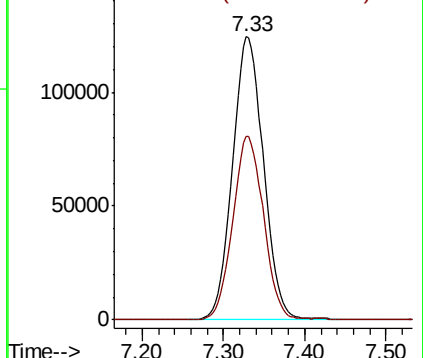
83 100

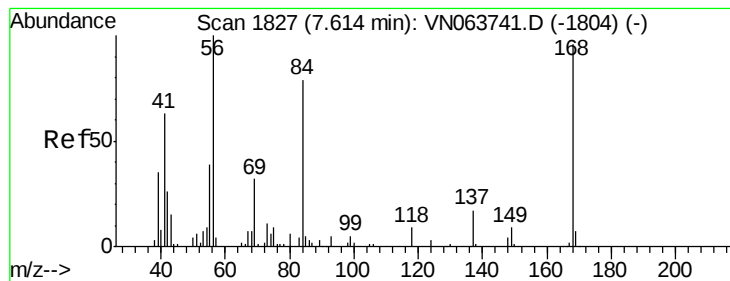
85 65.0 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.516 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

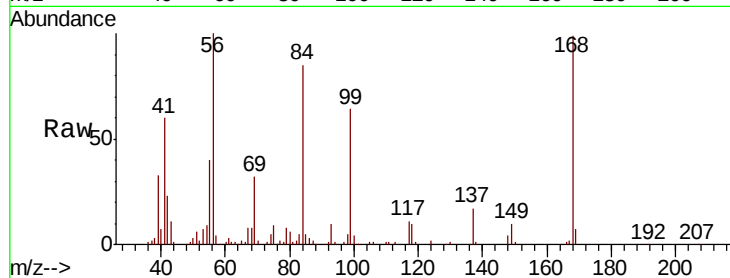
Tot Ion: 56 Resp: 242940

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

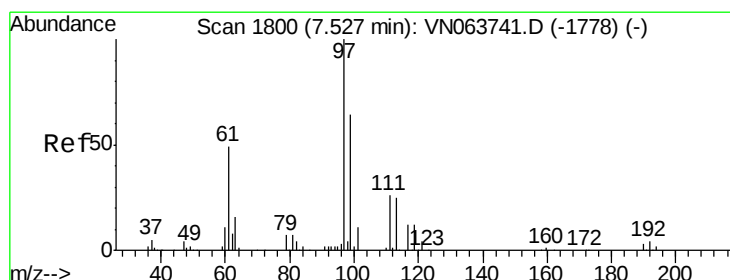
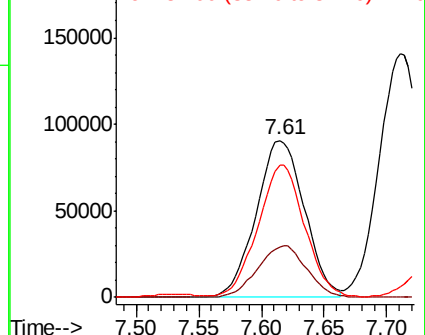
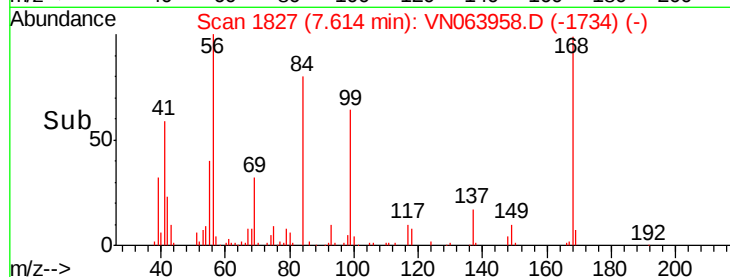
84 82.9 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063958.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063958.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063958.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 49.302 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

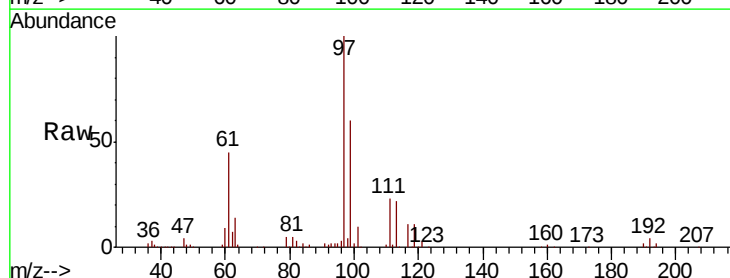
Tgt Ion: 97 Resp: 297026

Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

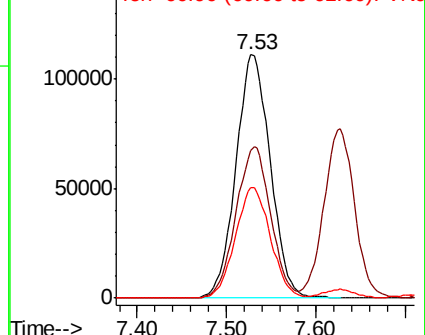
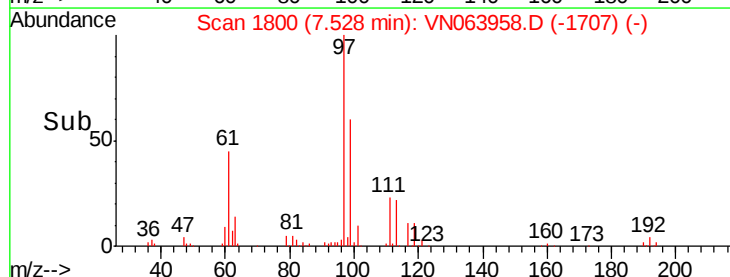
61 46.4 38.7 58.1

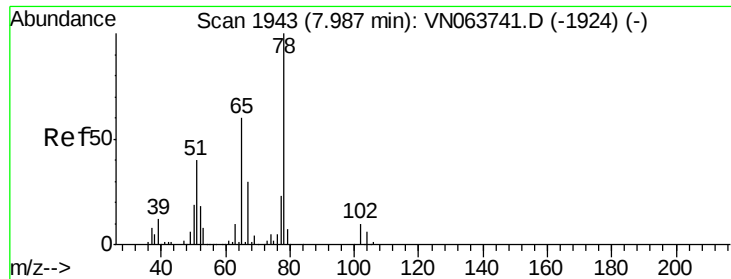


Abundance Ion 96.90 (96.60 to 97.60): VN063958.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063958.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063958.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.219 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

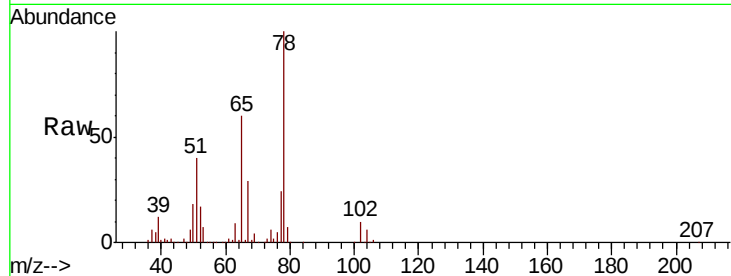
VSTDCCC050EC

Tot Ion: 65 Resp: 222261

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

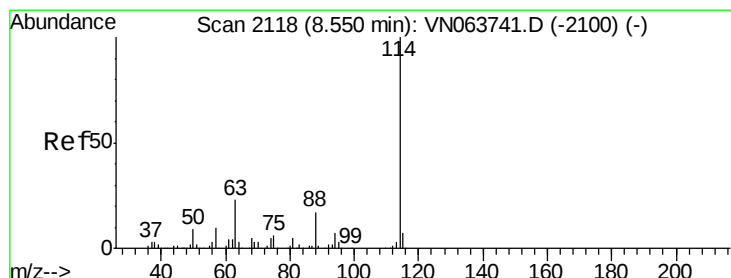
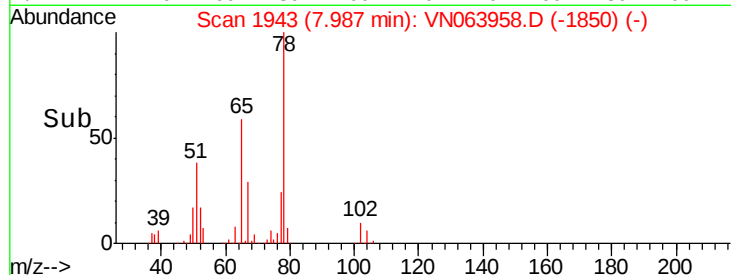
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

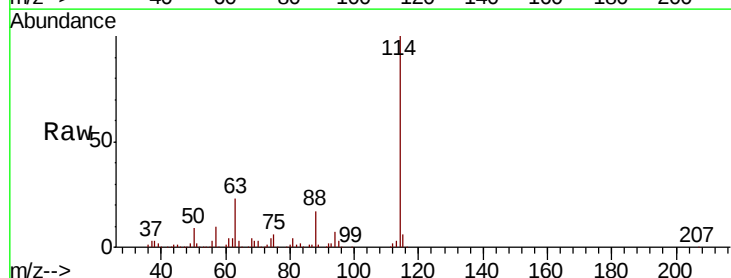
Tgt Ion: 114 Resp: 487414

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 16.9 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

8.55

300000

250000

200000

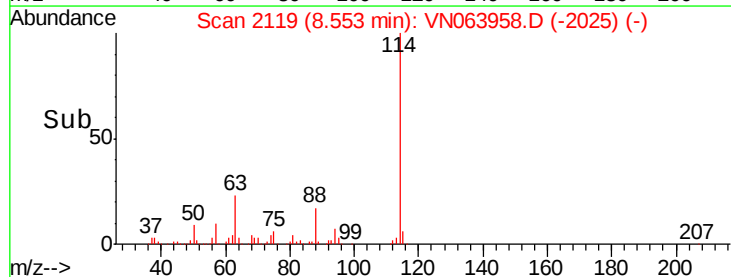
150000

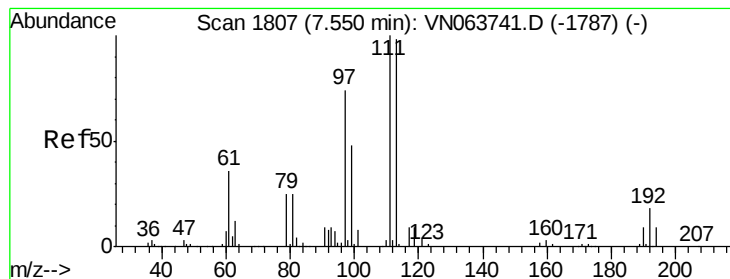
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.221 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

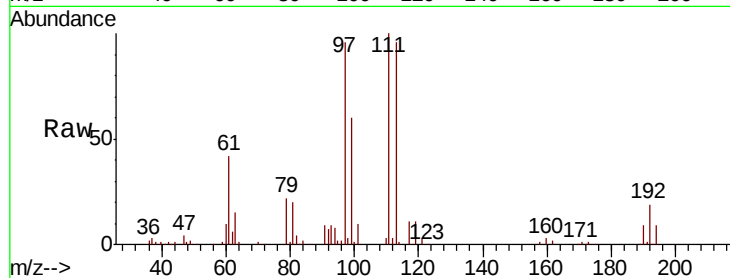
Tot Ion:113 Resp: 152939

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

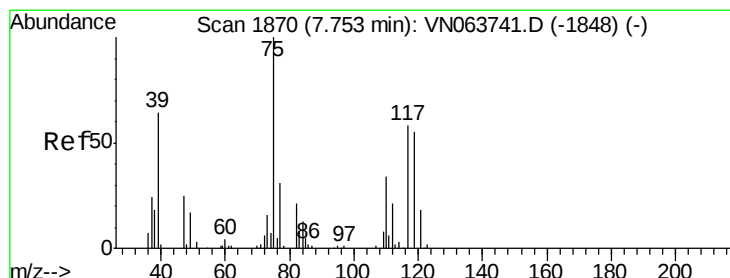
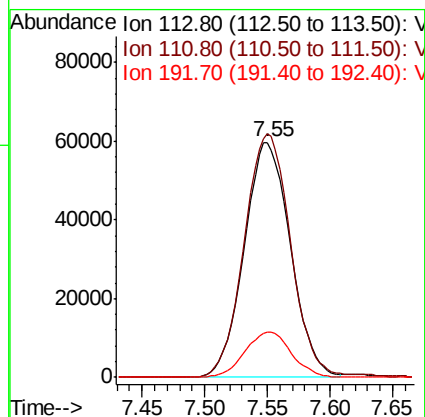
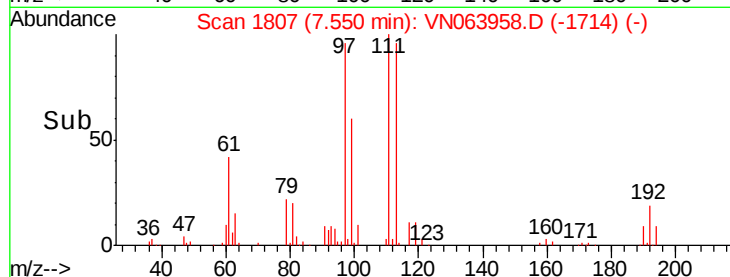
192 19.4 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.526 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

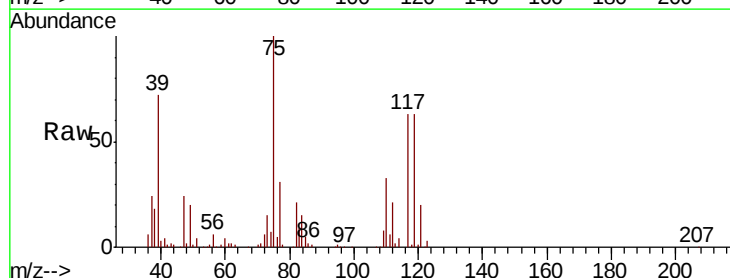
Tgt Ion: 75 Resp: 224805

Ion Ratio Lower Upper

75 100

110 33.5 16.9 50.6

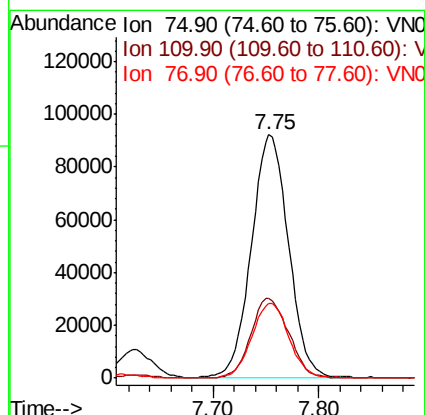
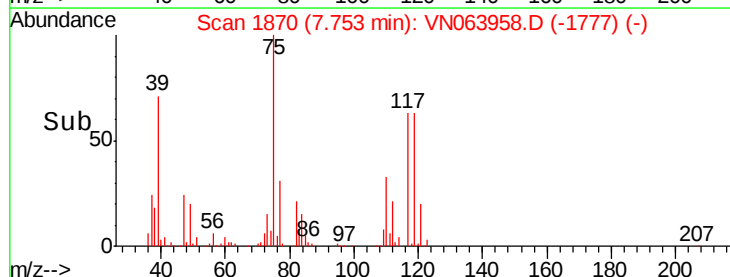
77 31.3 24.5 36.7

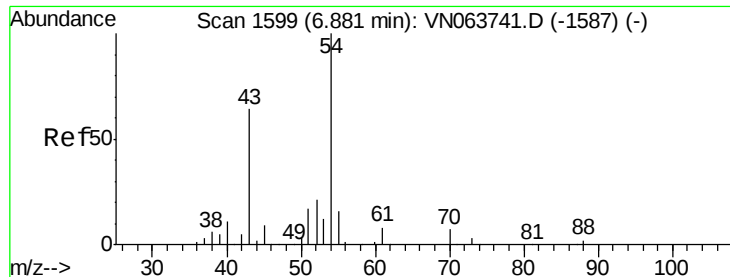


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

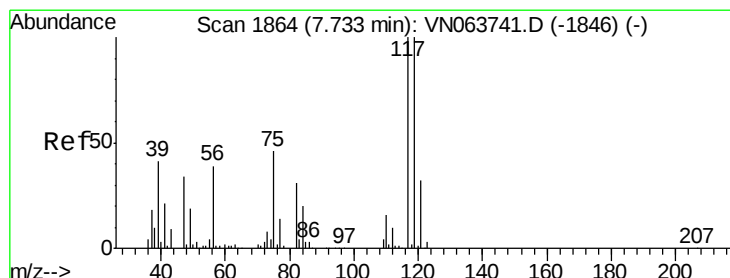
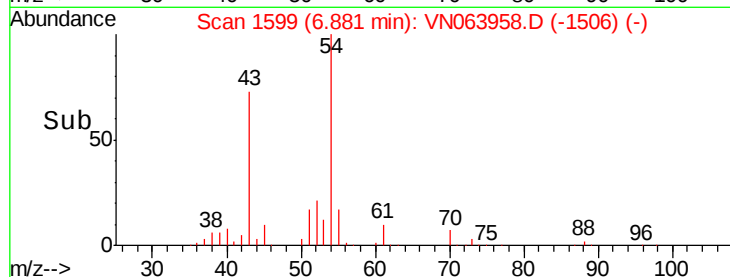
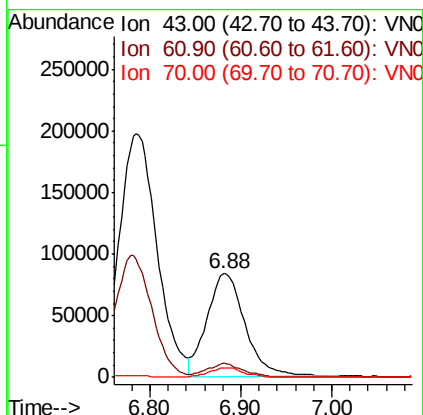
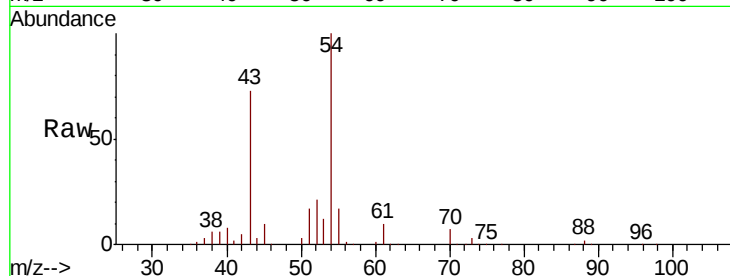




#37
Ethyl Acetate
Concen: 49.644 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

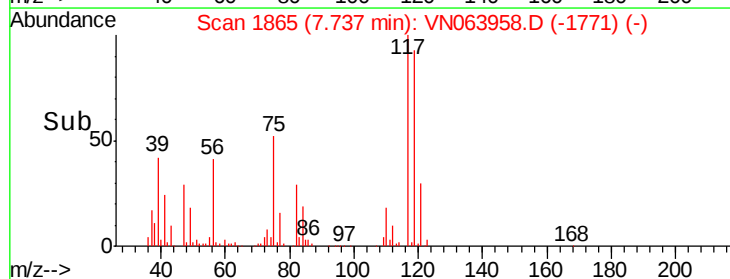
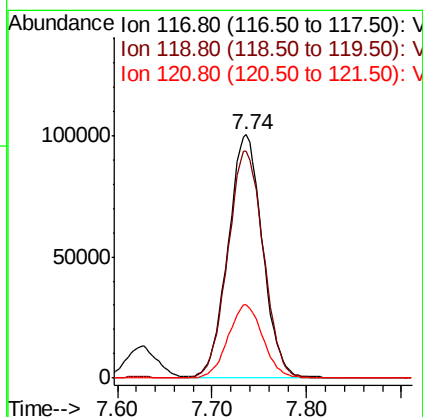
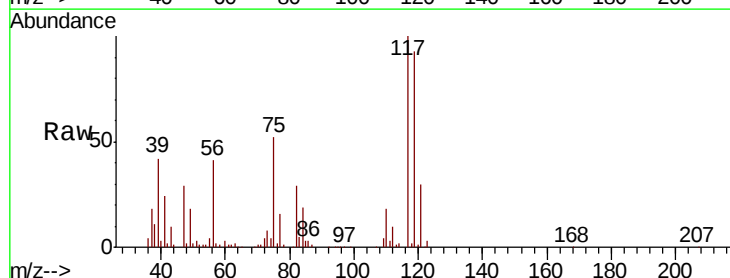
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

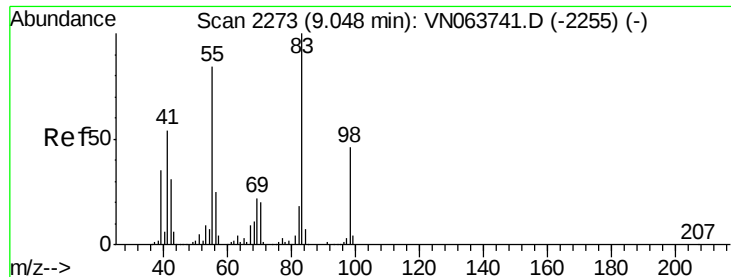
Tot Ion: 43 Resp: 243550
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 8.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.938 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 117 Resp: 254368
Ion Ratio Lower Upper
117 100
119 93.0 80.1 120.1
121 30.3 25.7 38.5

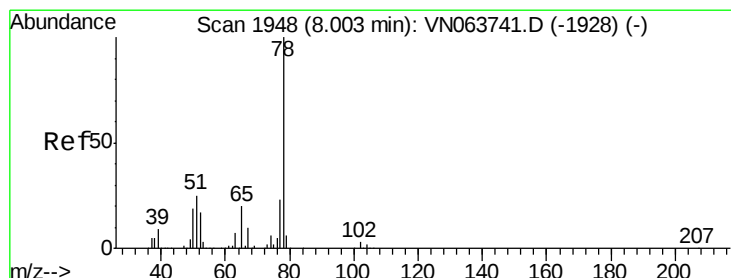
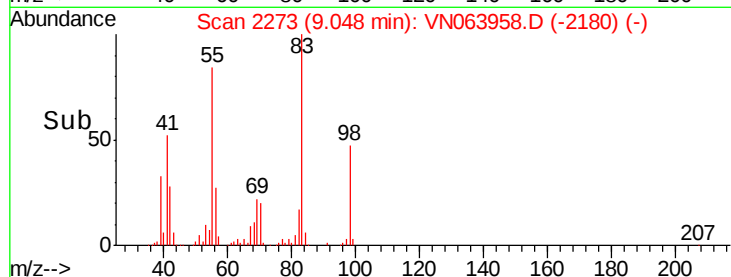
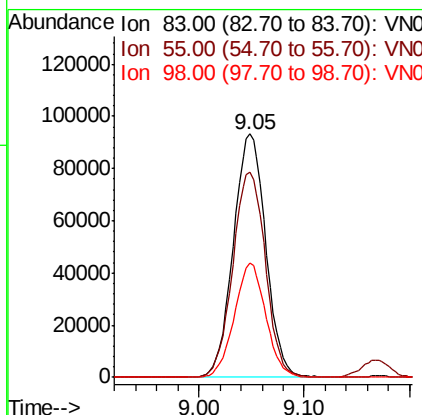
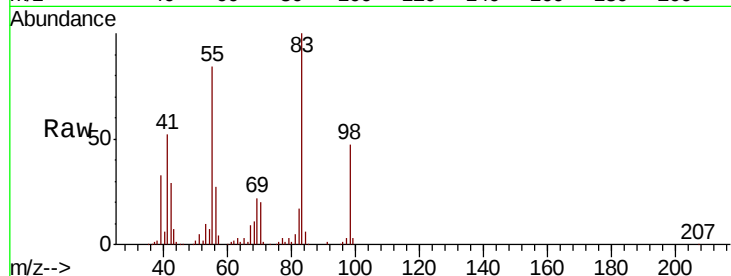




#39
Methvlcvclohexane
Concen: 40.312 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

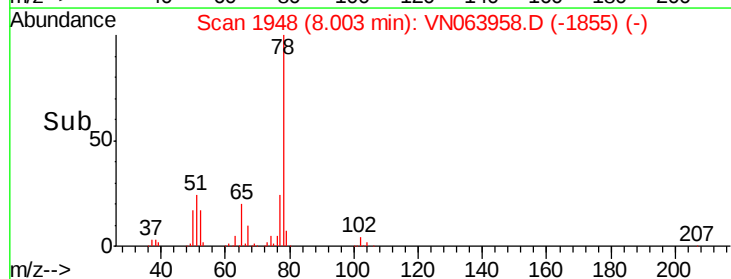
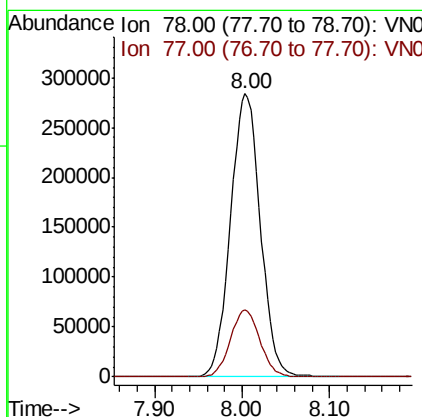
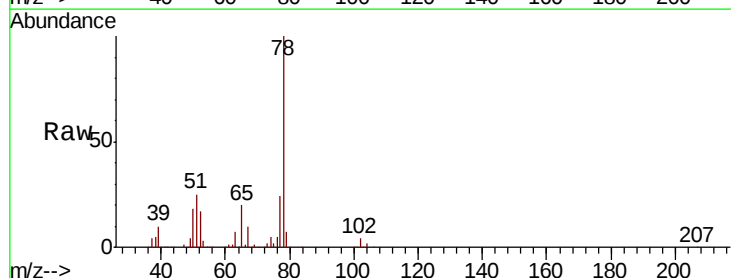
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

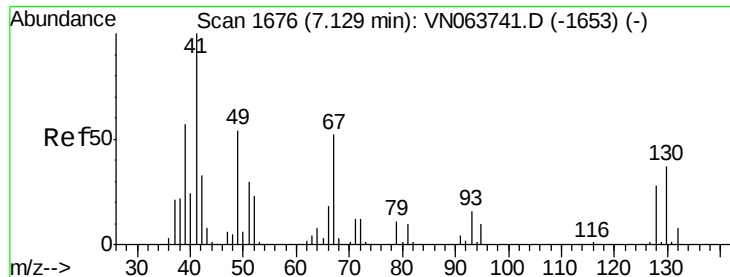
Tot Ion	83	Resp	198507
Ion Ratio	Lower	Upper	
83	100		
55	84.1	67.1	100.7
98	46.8	36.6	54.8



#40
Benzene
Concen: 47.655 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion	78	Resp	672133
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.7	28.1

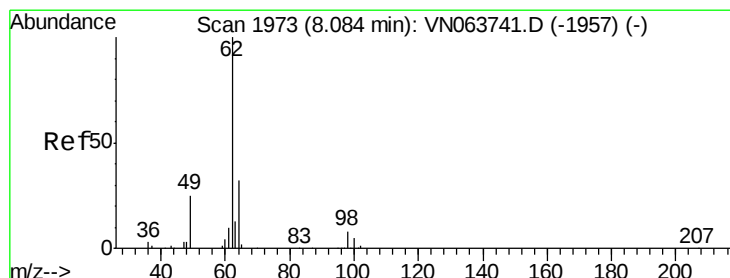
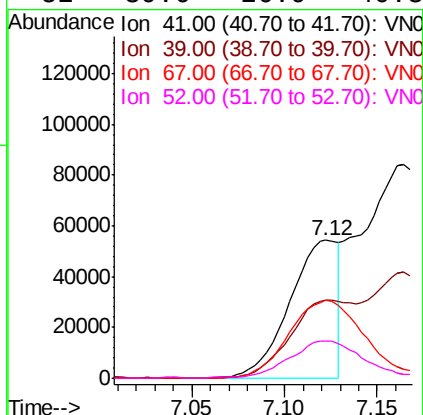
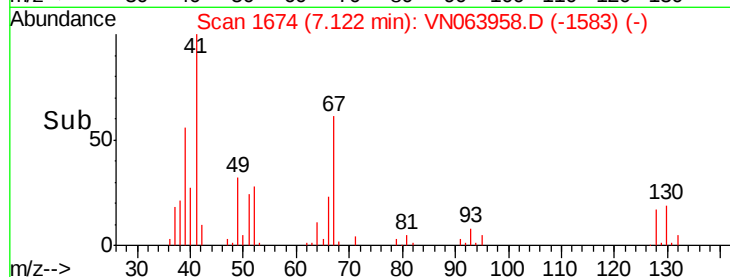
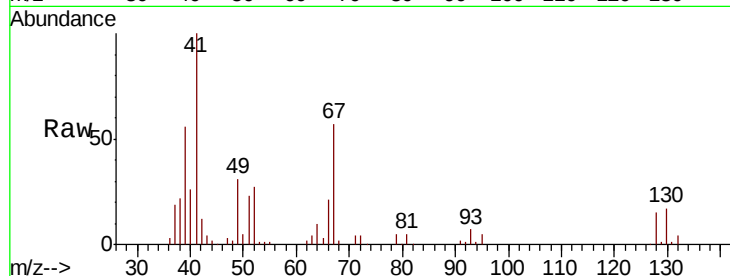




#41
Methacrylonitrile
Concen: 45.208 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

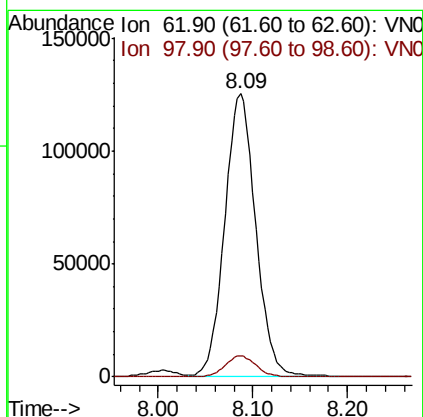
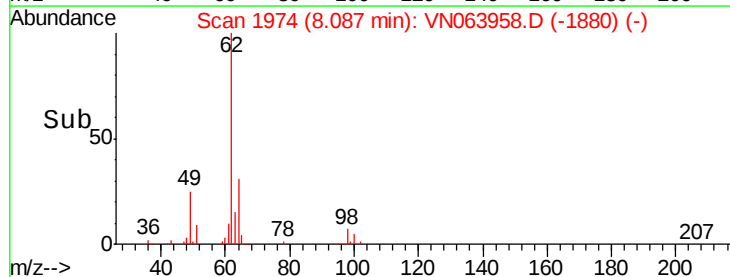
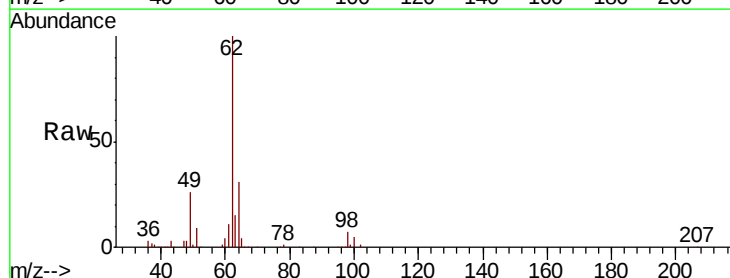
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

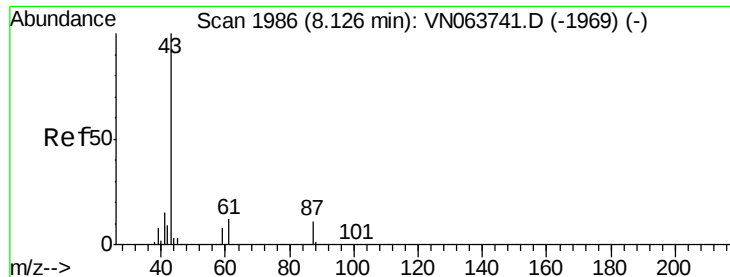
Tot Ion: 41 Resp: 98571
Ion Ratio Lower Upper
41 100
39 72.5 42.5 63.7#
67 88.5 57.4 86.2#
52 39.6 26.9 40.3



#42
1,2-Dichloroethane
Concen: 47.251 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 62 Resp: 284475
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.0





#43

Isopropyl Acetate

Concen: 51.412 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

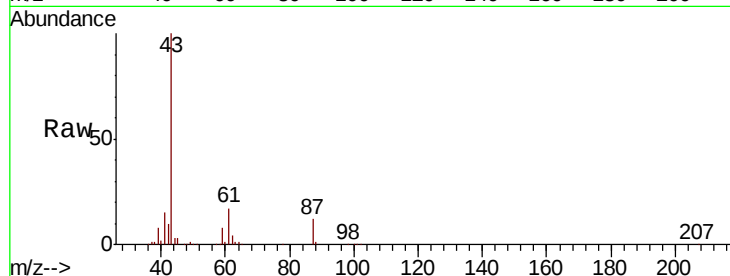
Tot Ion: 43 Resp: 416031

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.4

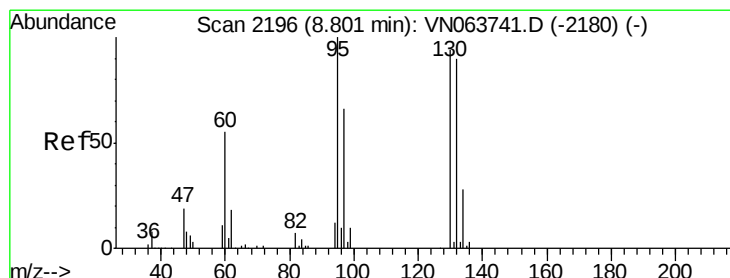
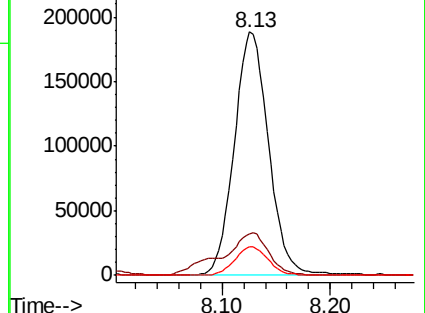
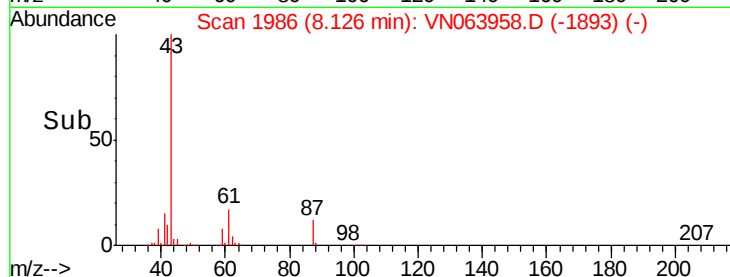
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063958.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063958.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063958.D (-2103) (-)



#44

Trichloroethene

Concen: 45.462 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063958.D

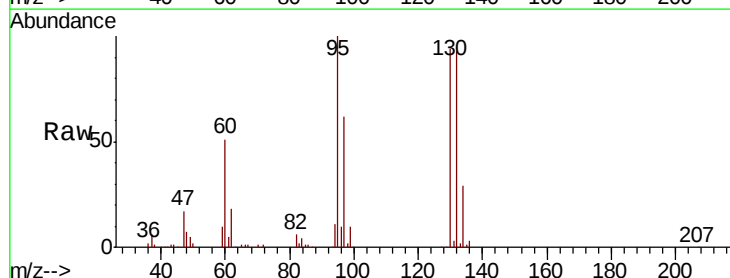
Acq: 7 Oct 2020 21:19

Tgt Ion:130 Resp: 168002

Ion Ratio Lower Upper

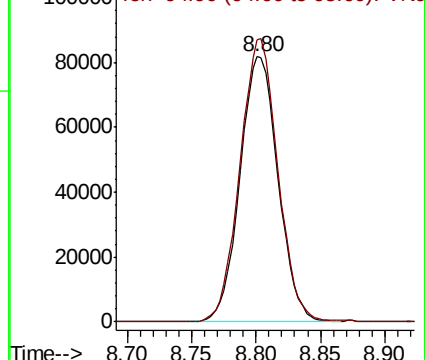
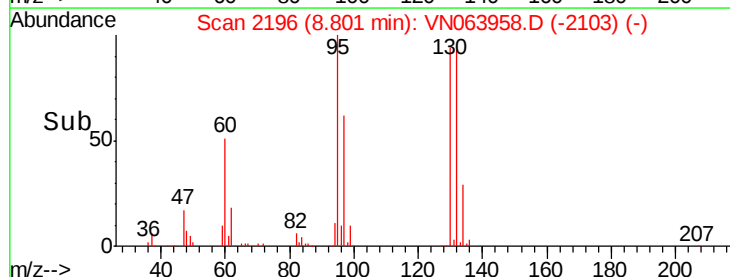
130 100

95 106.4 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063958.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063958.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 48.413 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

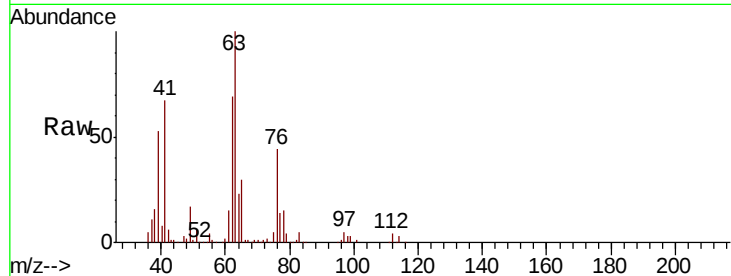
VSTDCCC050EC

Tot Ion: 63 Resp: 184409

Ion Ratio Lower Upper

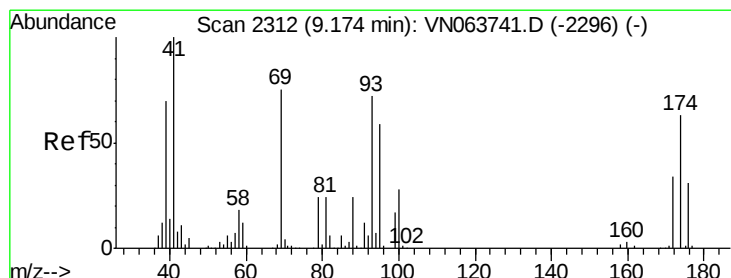
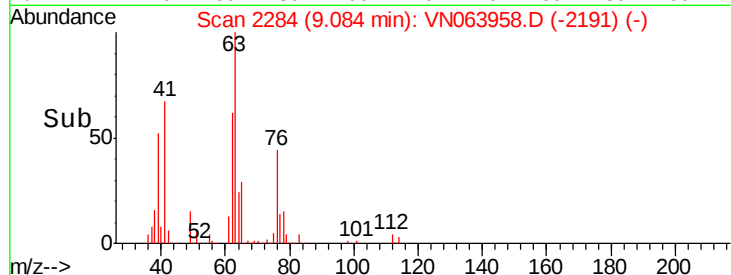
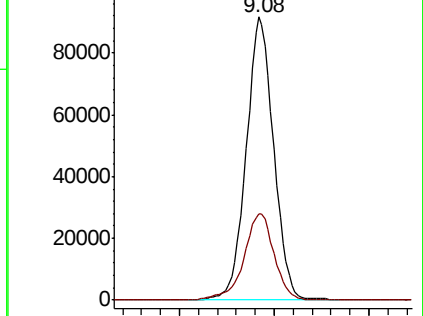
63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN063958.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN063958.D (-2191) (-)



#46

Dibromomethane

Concen: 46.797 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

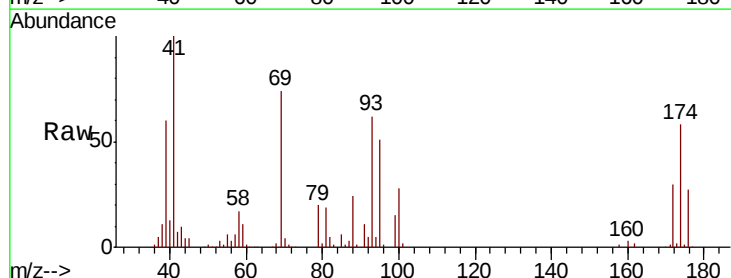
Tgt Ion: 93 Resp: 122969

Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

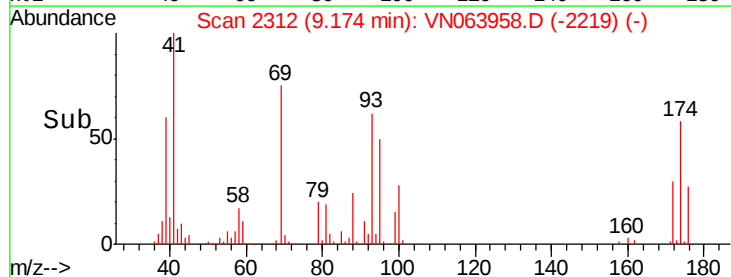
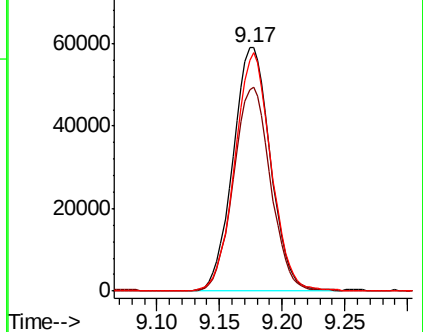
174 94.5 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN063958.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN063958.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN063958.D (-2219) (-)

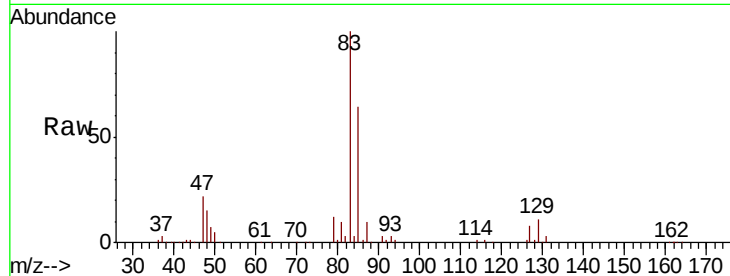




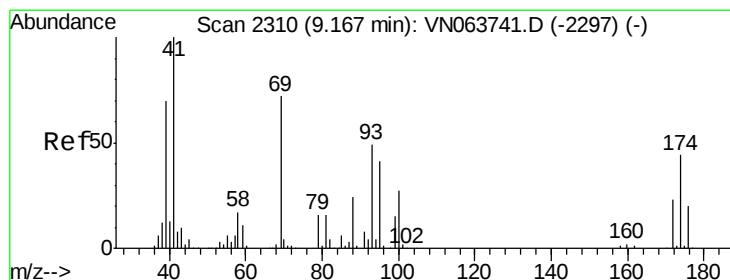
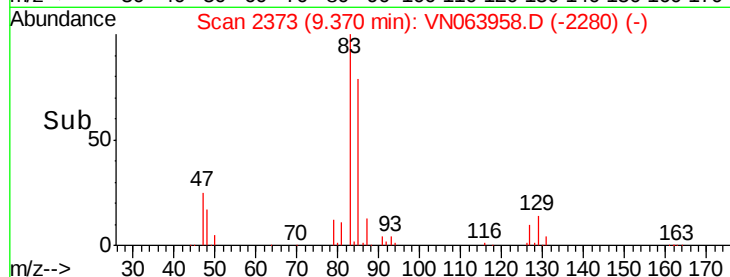
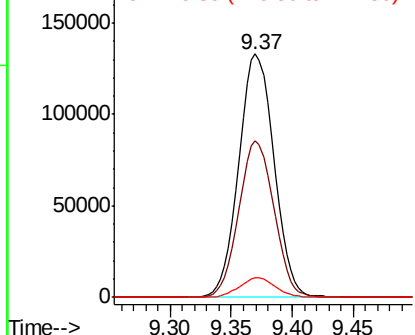
#47
Bromodichloromethane
Concen: 49.144 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 266138
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8
127 8.0 6.6 9.8

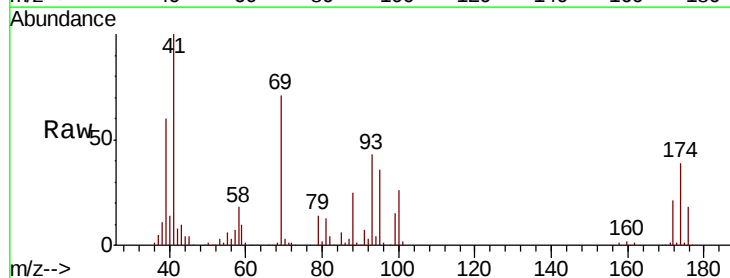


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

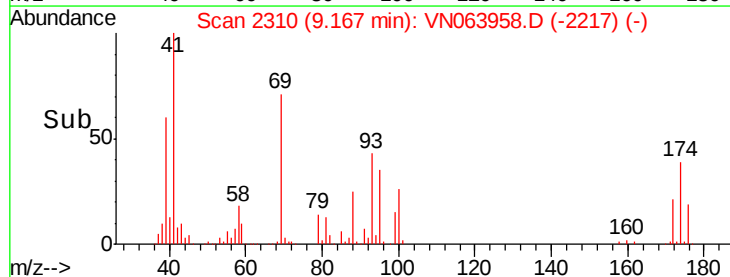
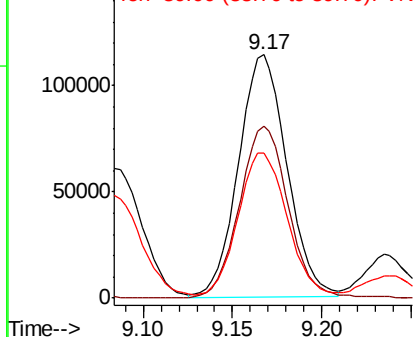


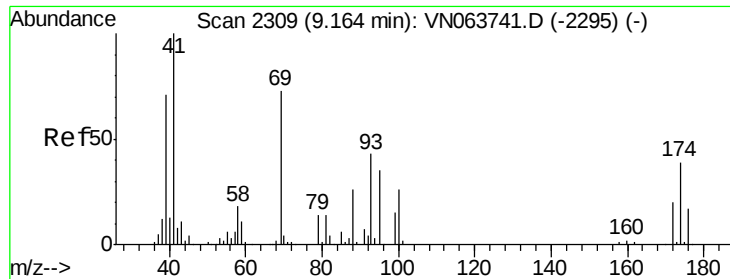
#48
Methyl methacrylate
Concen: 54.219 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 41 Resp: 216770
Ion Ratio Lower Upper
41 100
69 71.6 60.9 91.3
39 61.0 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 992.629 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

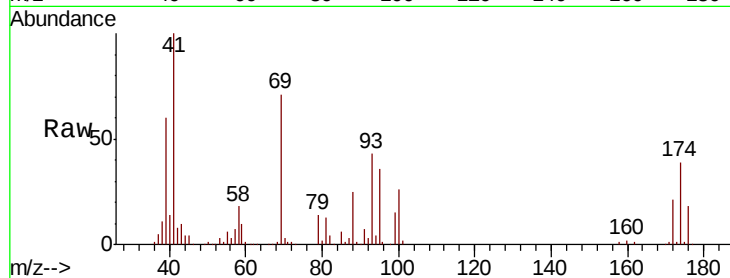
Tot Ion: 88 Resp: 56402

Ion Ratio Lower Upper

88 100

43 39.7 33.1 49.7

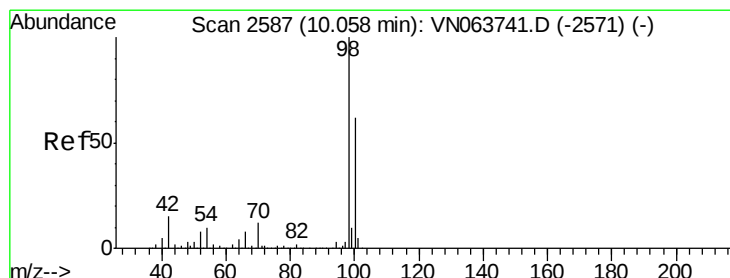
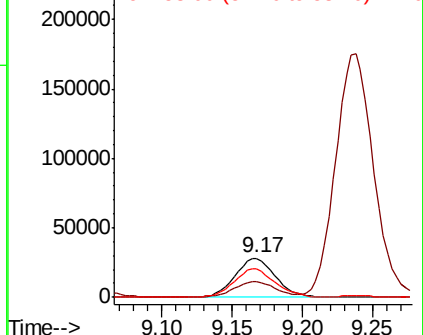
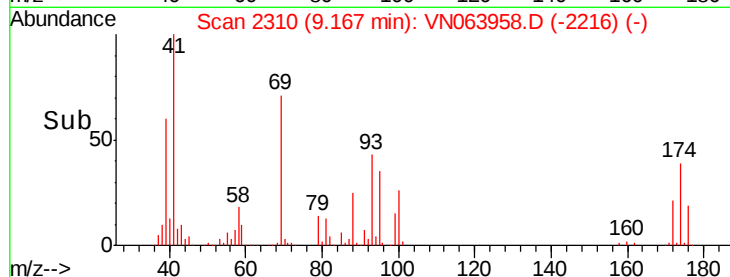
58 74.6 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063958.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063958.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063958.D (-2216) (-)



#50

Toluene-d8

Concen: 45.074 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063958.D

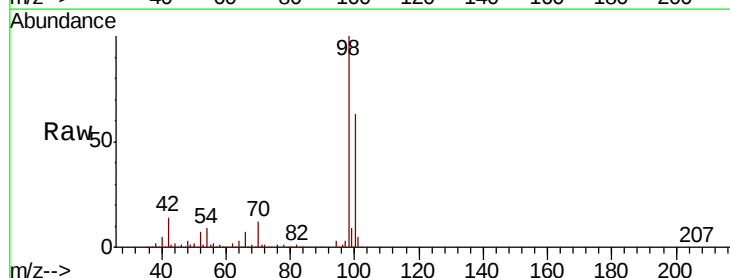
Acq: 7 Oct 2020 21:19

Tgt Ion: 98 Resp: 577890

Ion Ratio Lower Upper

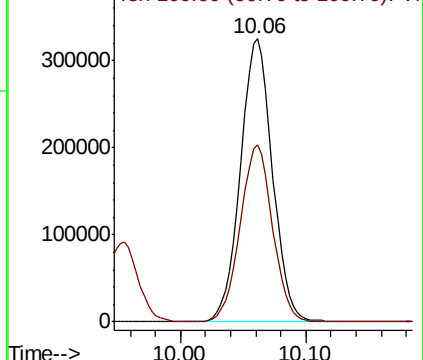
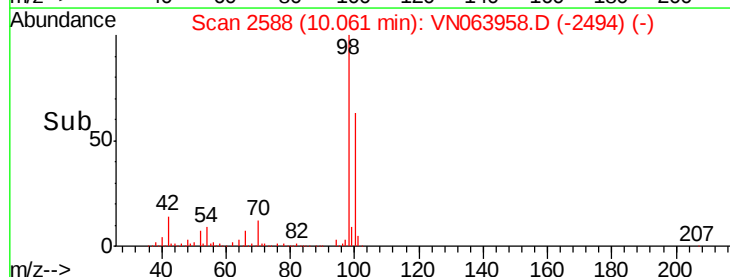
98 100

100 62.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063958.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063958.D (-2494) (-)

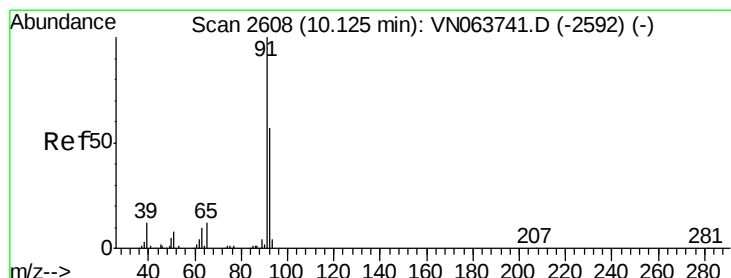
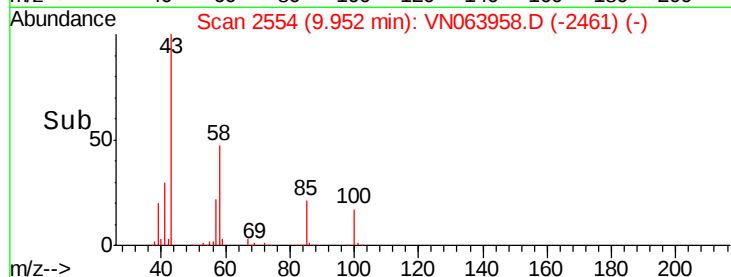
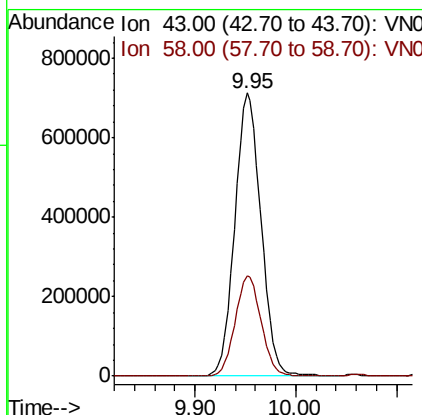
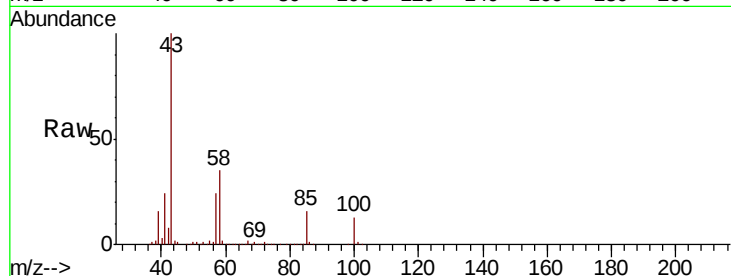




#51
4-Methyl-2-Pentanone
Concen: 269.975 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

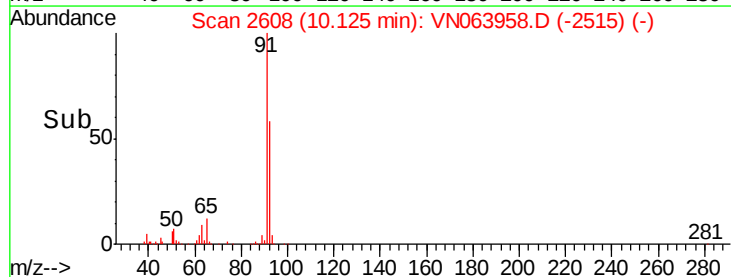
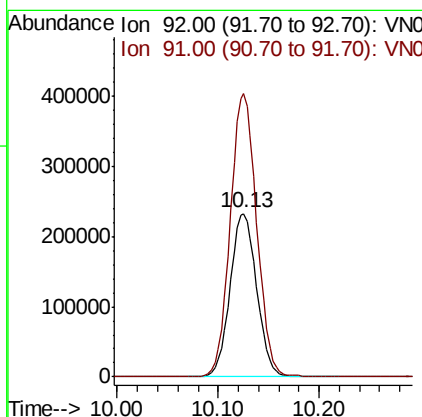
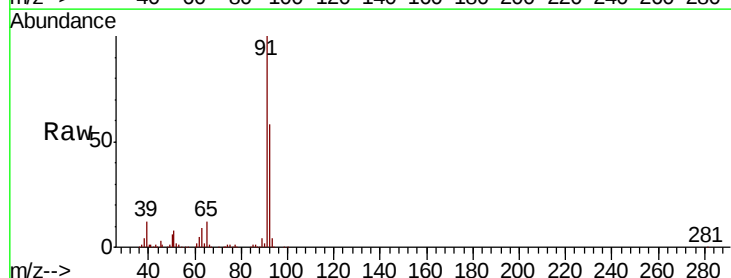
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

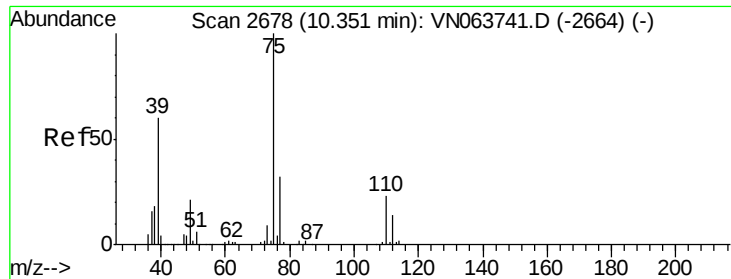
Tot Ion: 43 Resp: 1282067
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6



#52
Toluene
Concen: 49.084 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 92 Resp: 428207
Ion Ratio Lower Upper
92 100
91 172.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.094 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

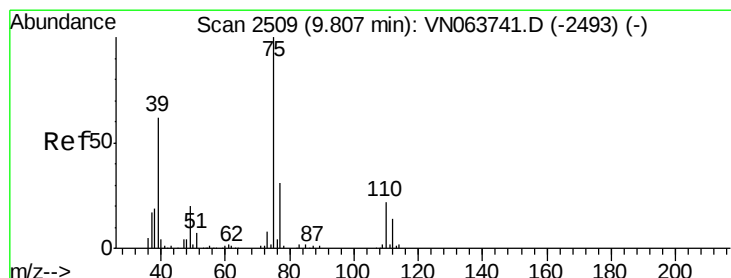
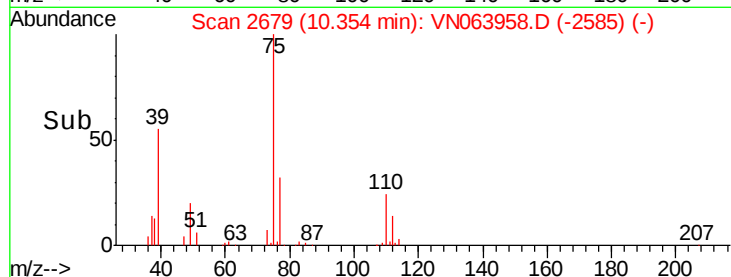
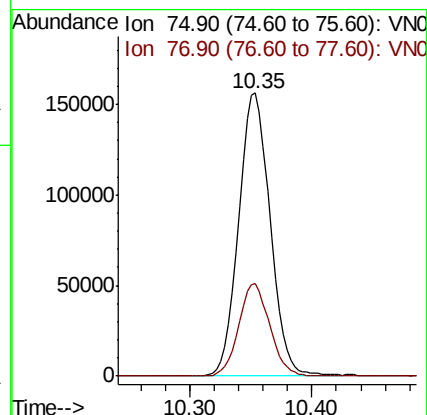
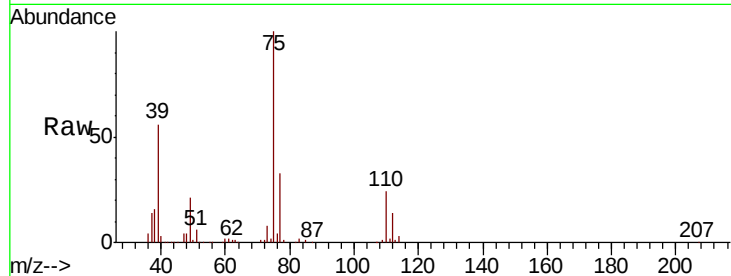
VSTDCCC050EC

Tot Ion: 75 Resp: 279193

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.255 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

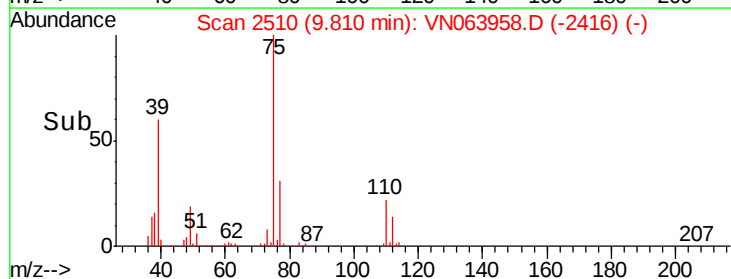
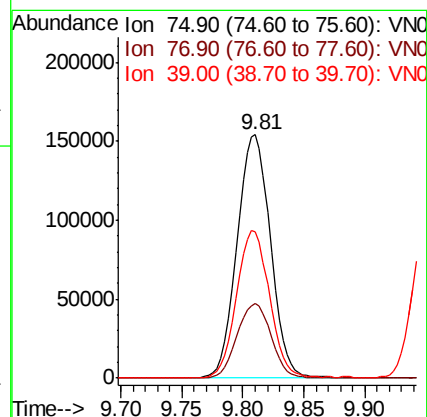
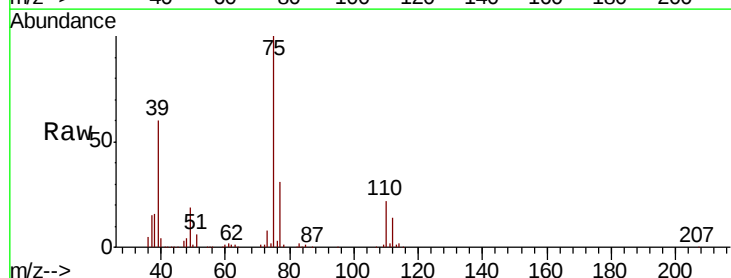
Tgt Ion: 75 Resp: 292964

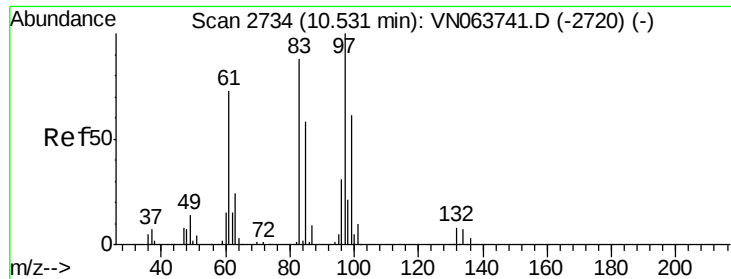
Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 60.2 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 49.104 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 171795

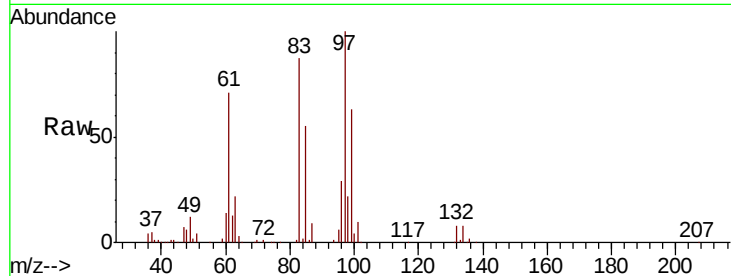
Ion Ratio Lower Upper

97 100

83 86.8 70.7 106.1

85 55.4 46.1 69.1

99 62.7 48.8 73.2

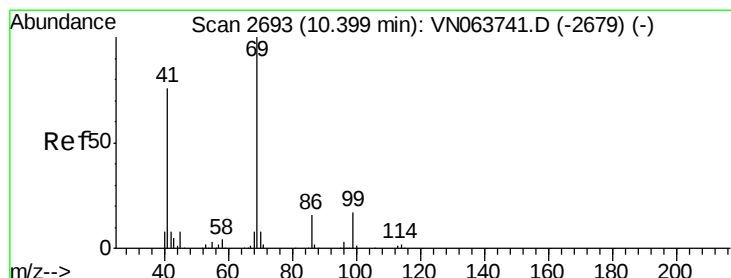
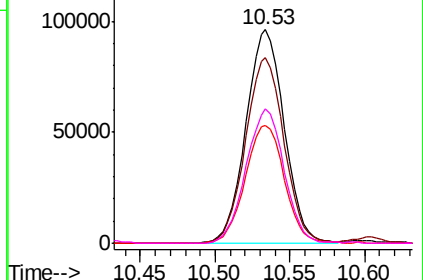
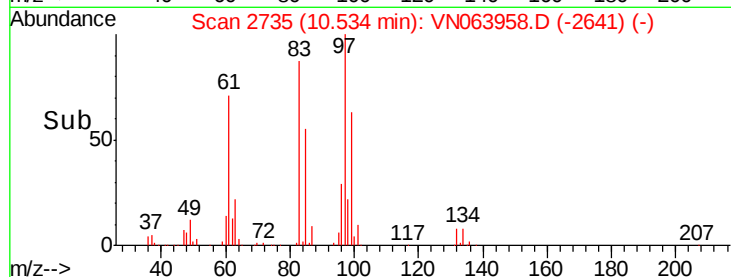


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.482 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

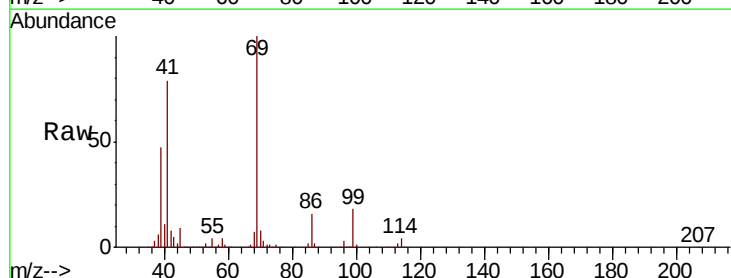
Tgt Ion: 69 Resp: 260263

Ion Ratio Lower Upper

69 100

41 77.1 61.1 91.7

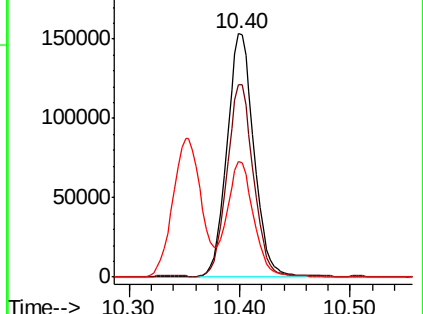
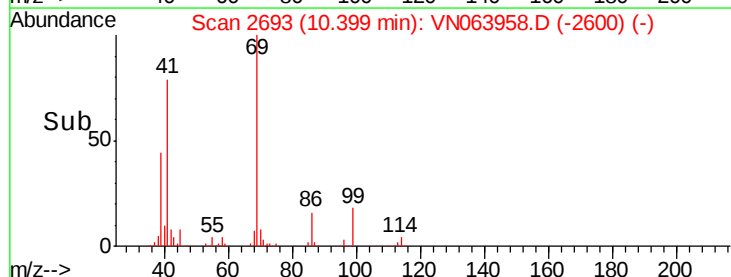
39 46.9 42.2 63.4

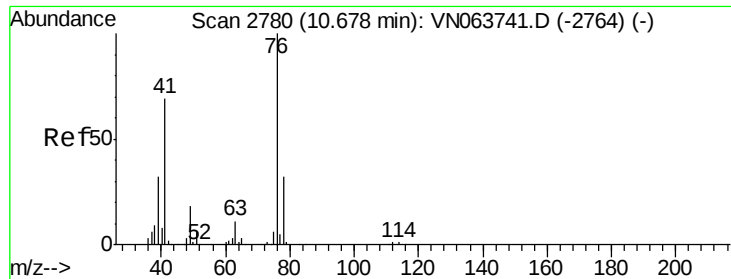


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

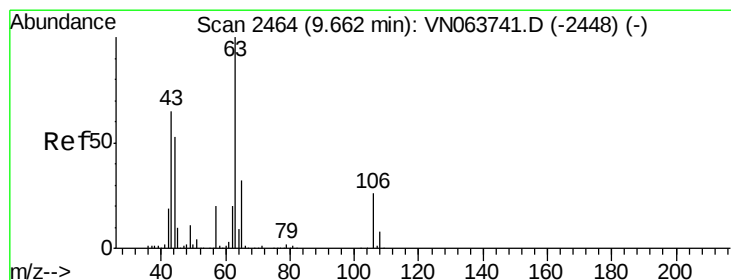
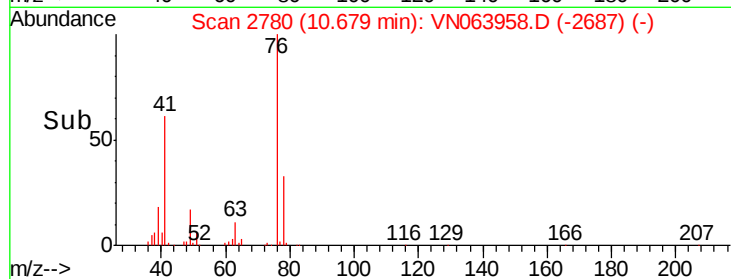
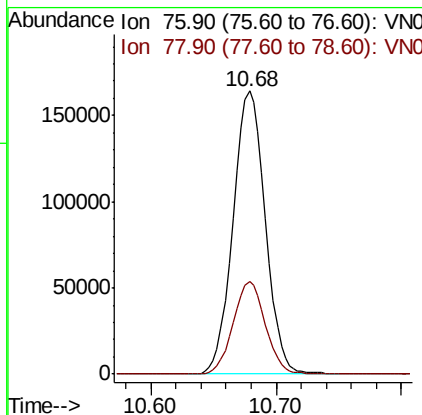
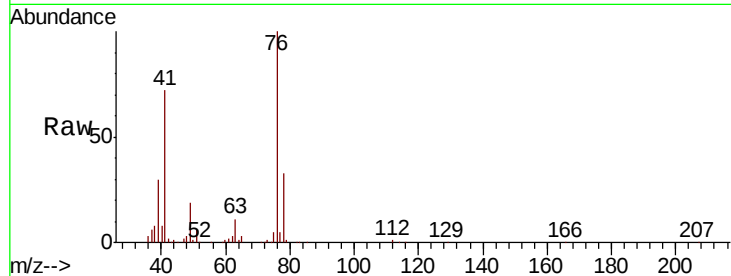




#57
 1,3-Dichloropropane
 Concen: 49.465 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

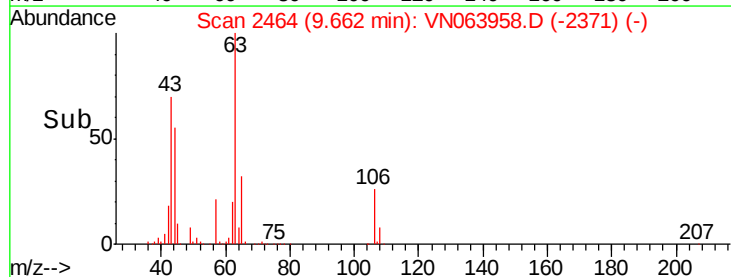
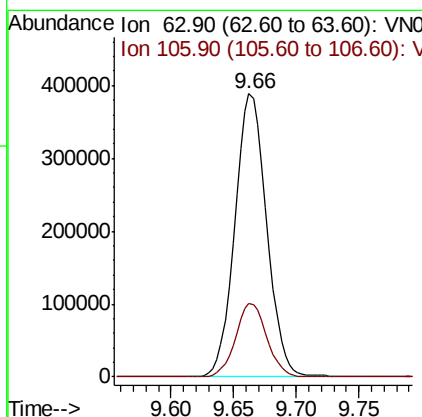
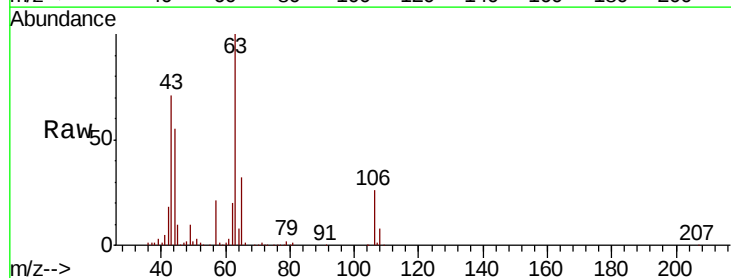
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

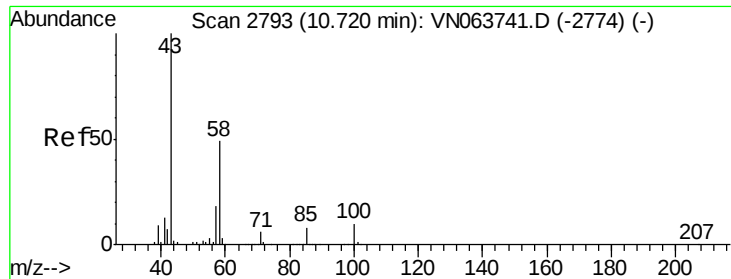
Tot Ion: 76 Resp: 292783
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.920 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 63 Resp: 684178
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.7 31.1

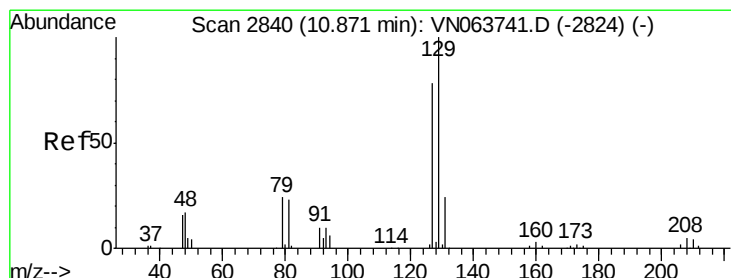
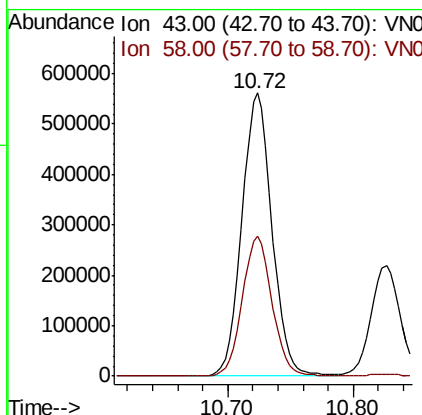
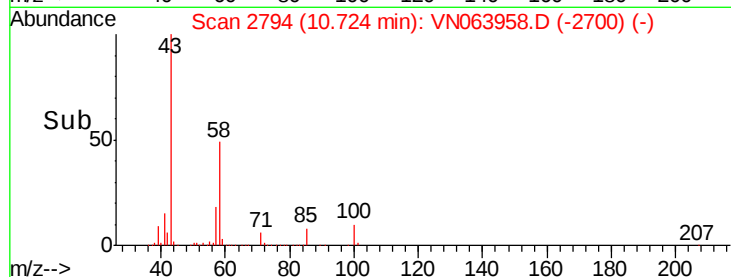
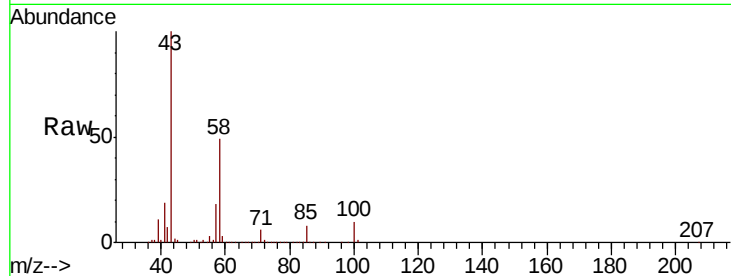




#59
2-Hexanone
Concen: 265.252 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

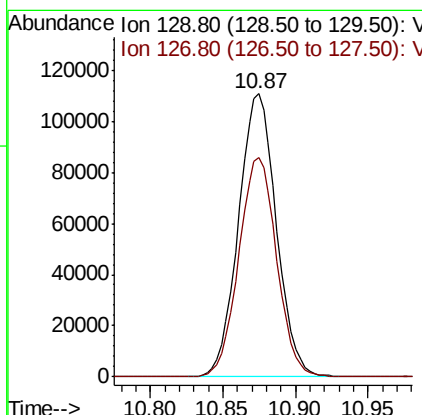
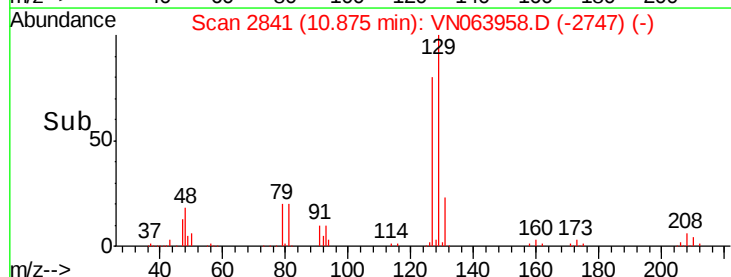
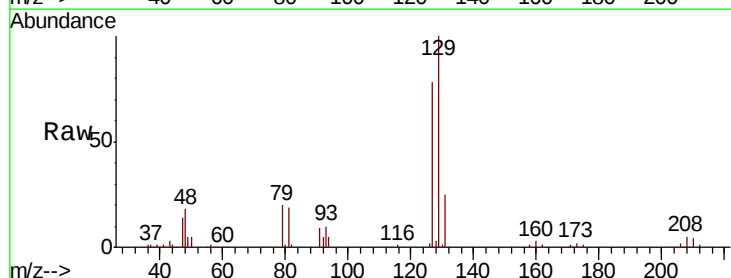
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

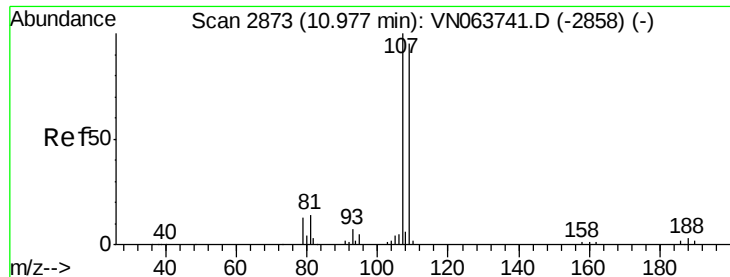
Tot Ion: 43 Resp: 935739
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.8



#60
Dibromochloromethane
Concen: 49.283 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 129 Resp: 200798
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

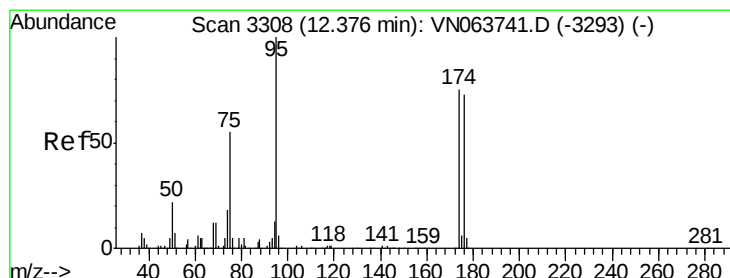
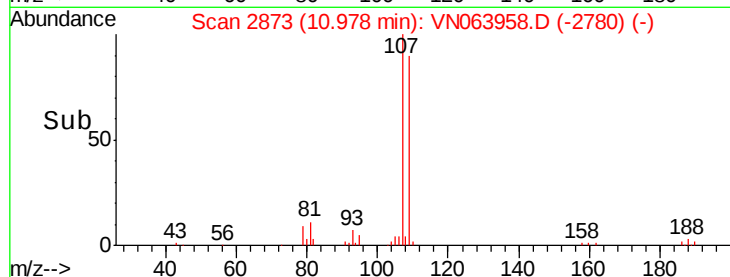
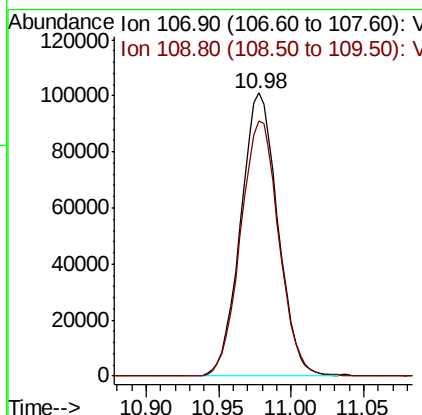
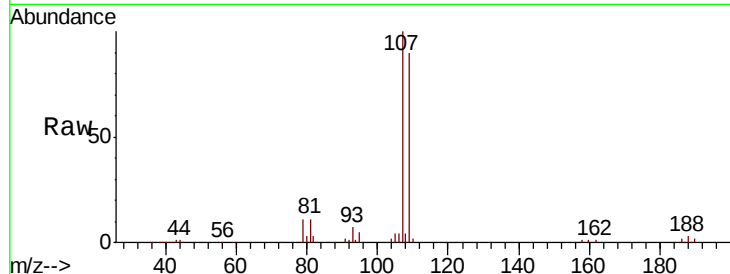




#61
 1,2-Dibromoethane
 Concen: 50.428 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

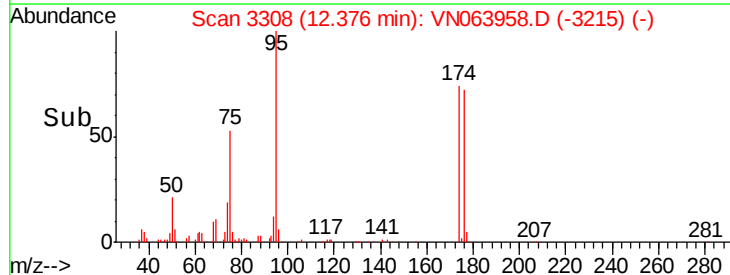
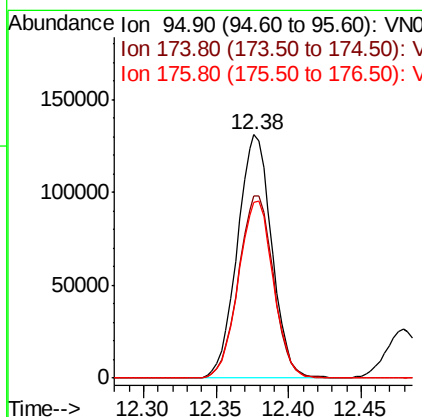
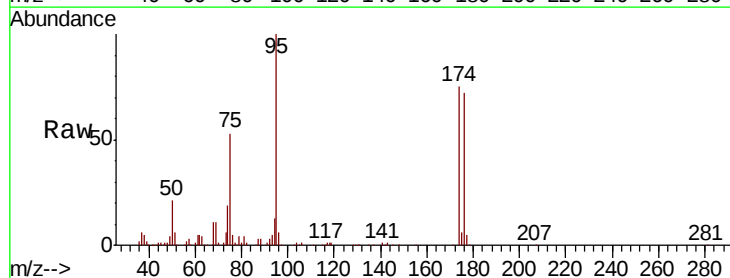
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

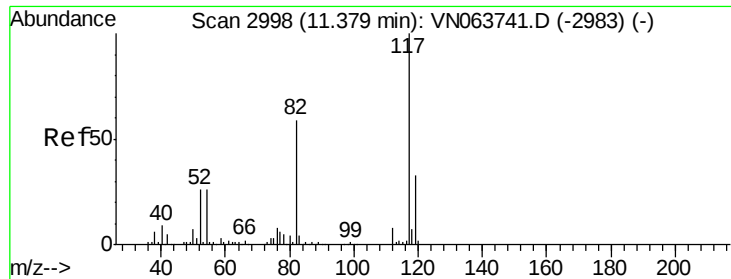
Tot Ion: 107 Resp: 180470
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 44.757 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 95 Resp: 215707
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.6
 176 74.2 0.0 145.4

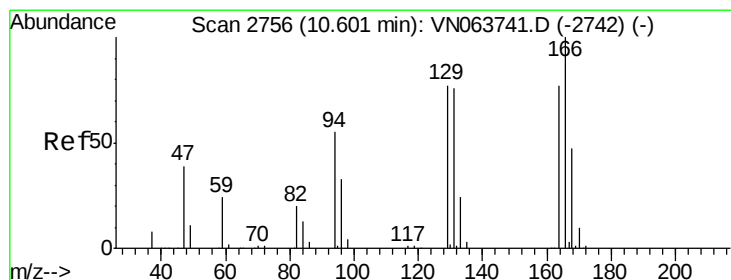
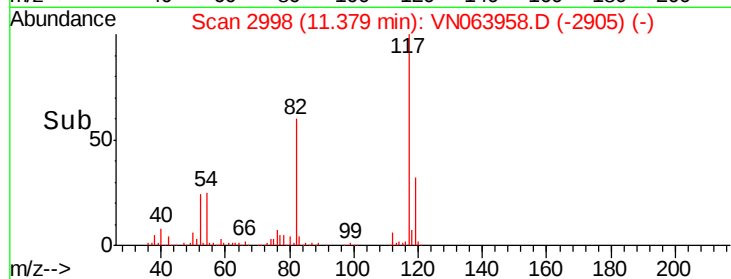
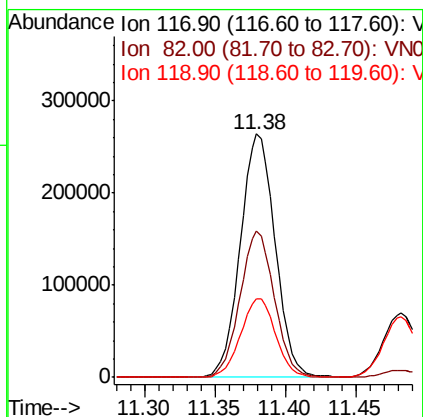
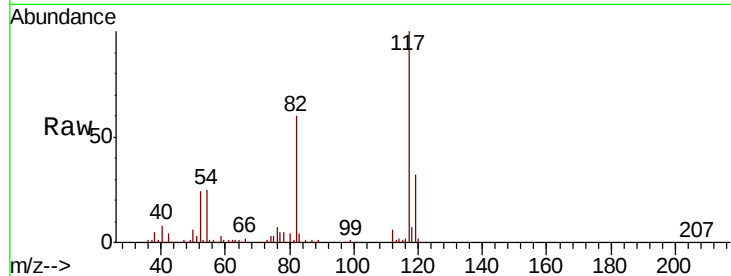




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

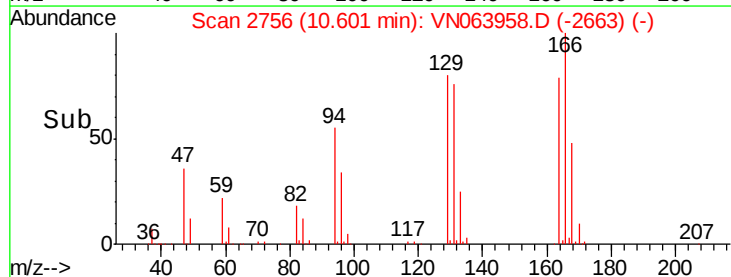
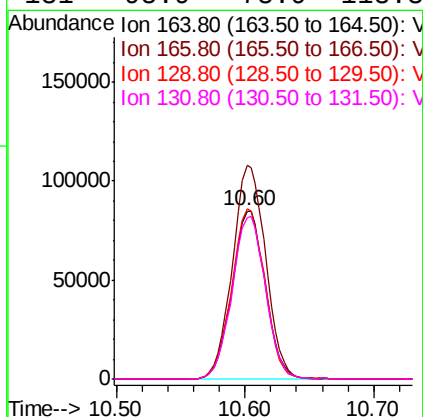
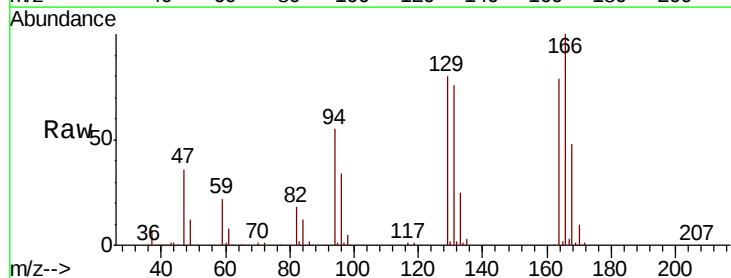
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

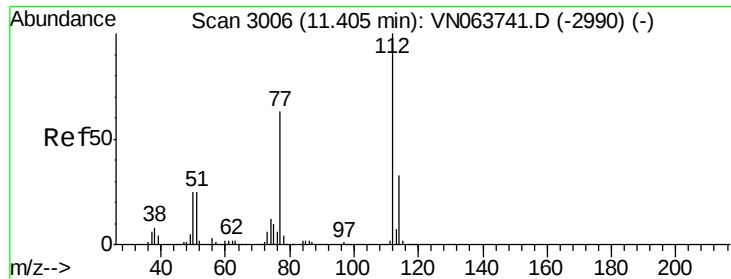
Tot Ion:117 Resp: 458141
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 43.034 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion:164 Resp: 152534
Ion Ratio Lower Upper
164 100
166 126.9 103.9 155.9
129 100.9 80.3 120.5
131 95.9 78.9 118.3

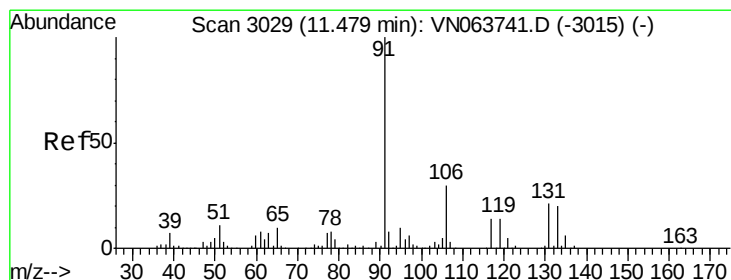
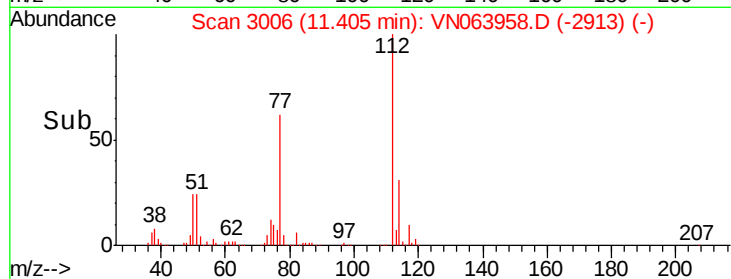
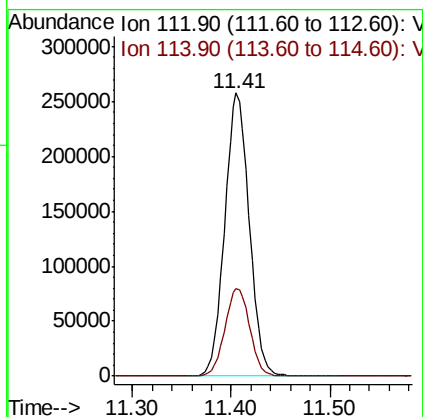
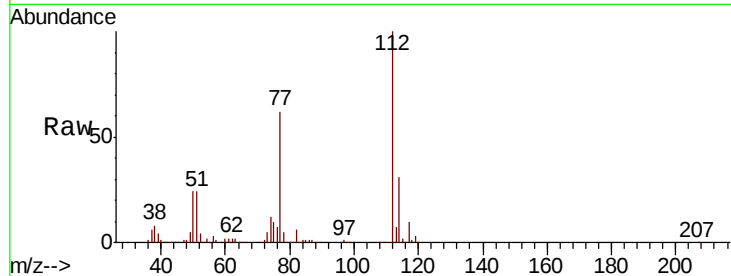




#65
Chlorobenzene
Concen: 47.737 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

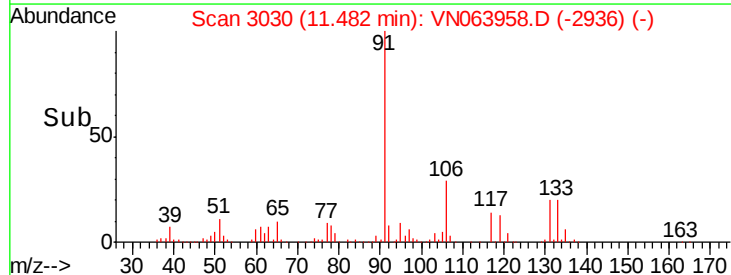
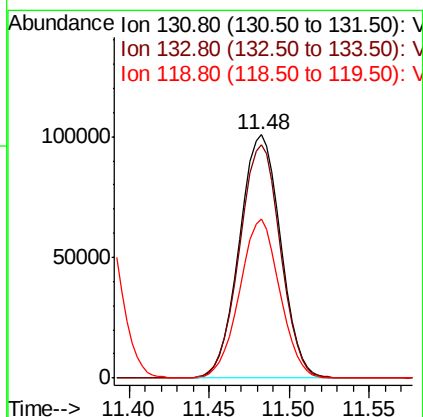
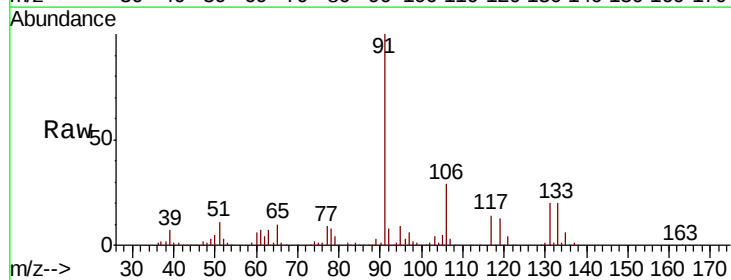
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

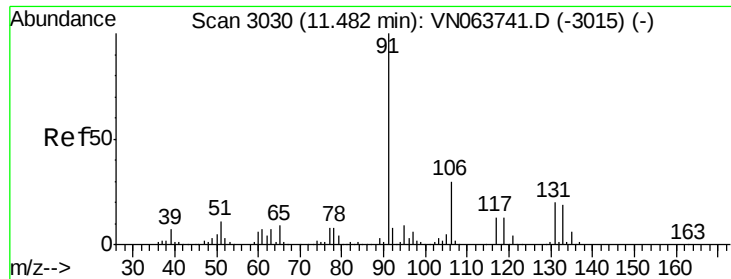
Tot Ion:112 Resp: 448625
Ion Ratio Lower Upper
112 100
114 30.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.334 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion:131 Resp: 177746
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 63.5 32.6 97.7

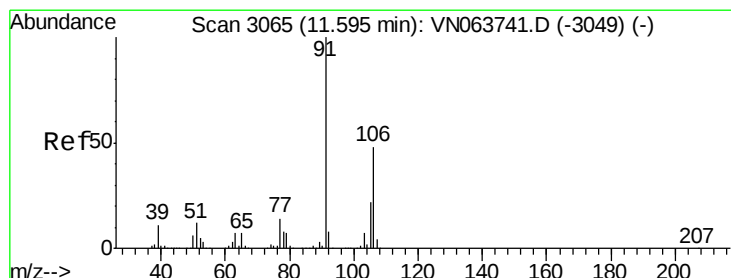
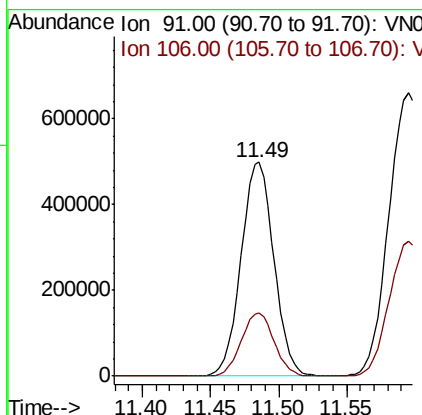
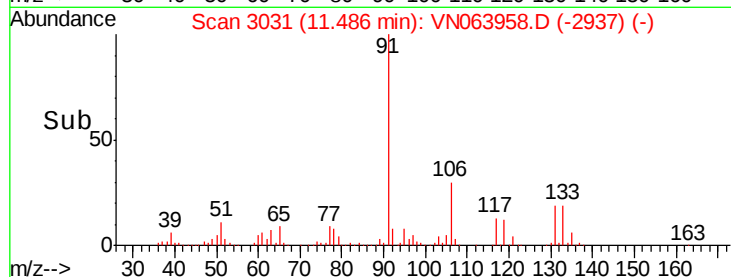
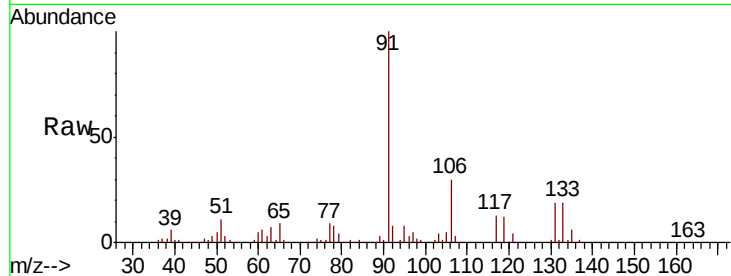




#67
Ethyl Benzene
Concen: 48.680 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

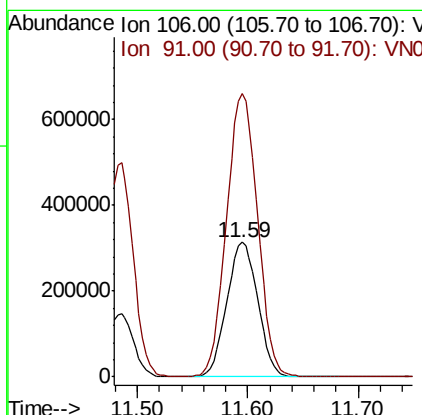
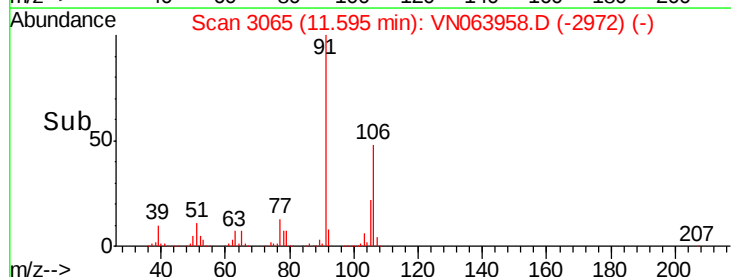
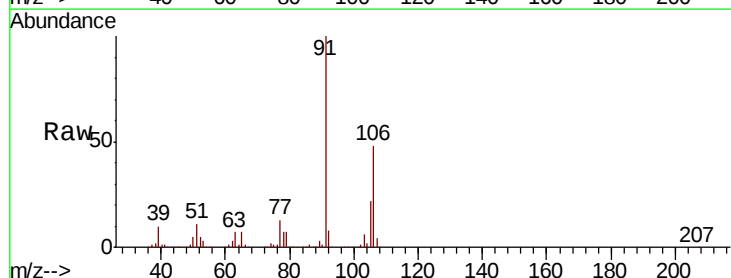
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

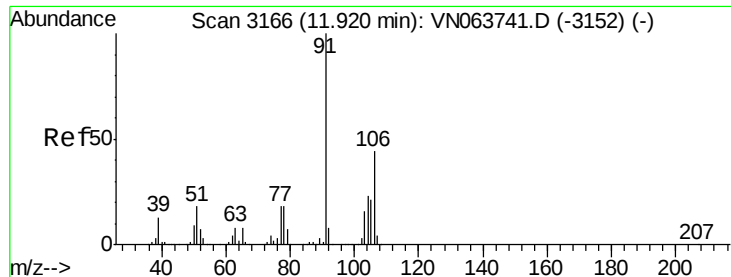
Tot Ion: 91 Resp: 832462
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2



#68
m/p-Xylenes
Concen: 95.827 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 106 Resp: 610746
Ion Ratio Lower Upper
106 100
91 210.7 168.0 252.0

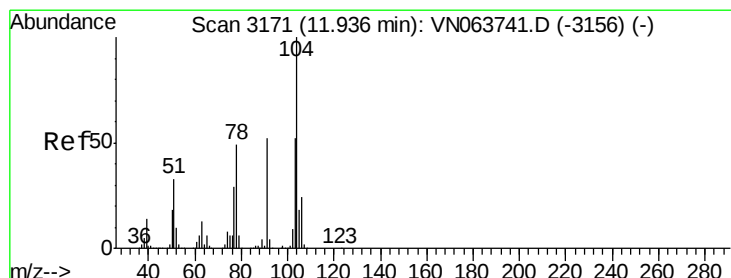
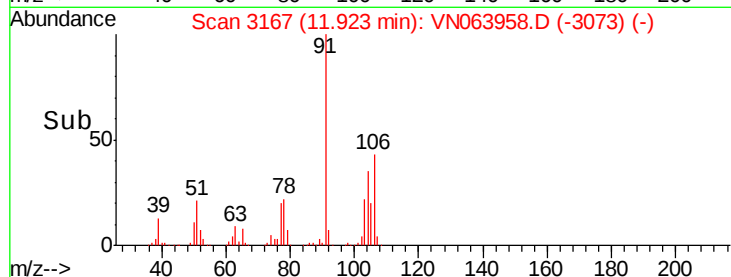
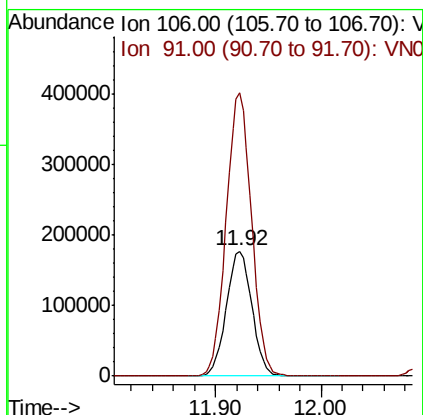
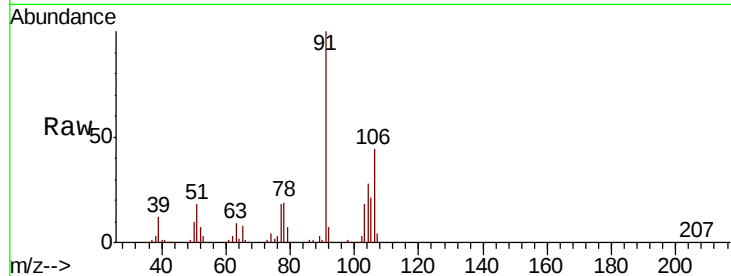




#69
o-Xylene
Concen: 49.796 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

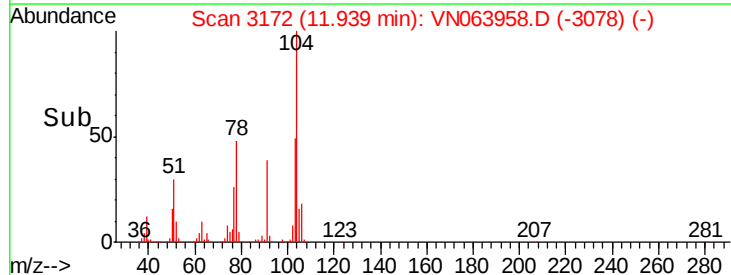
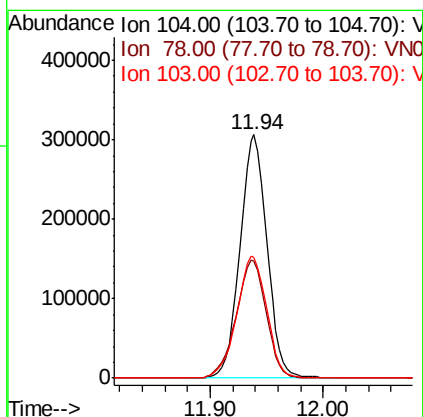
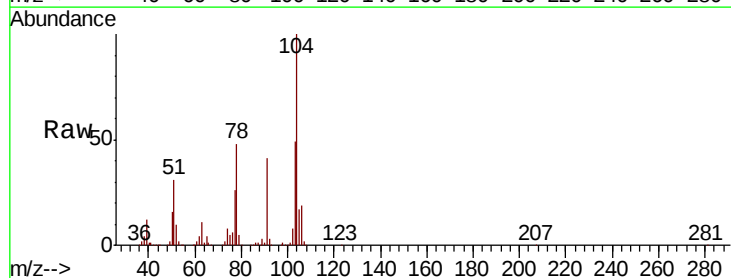
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

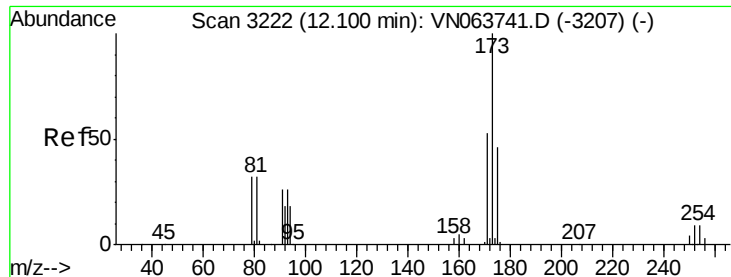
Tot Ion:106 Resp: 296637
Ion Ratio Lower Upper
106 100
91 224.6 112.7 338.0



#70
Styrene
Concen: 50.497 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion:104 Resp: 510619
Ion Ratio Lower Upper
104 100
78 53.8 44.1 66.1
103 55.0 44.3 66.5





#71

Bromoform

Concen: 50.708 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

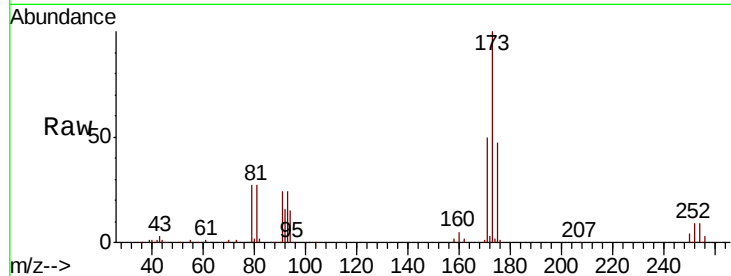
Tot Ion:173 Resp: 139727

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.5

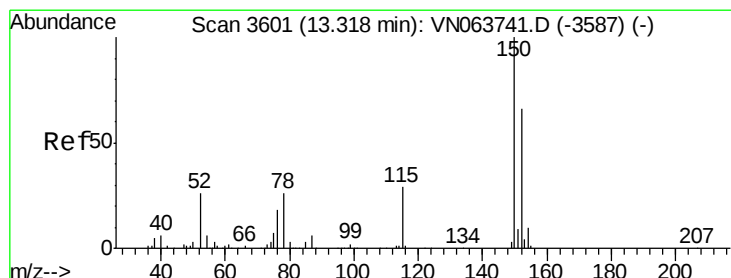
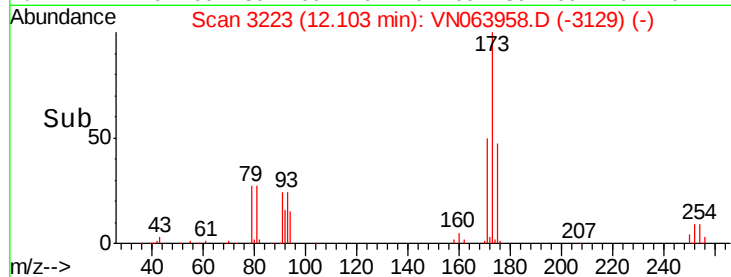
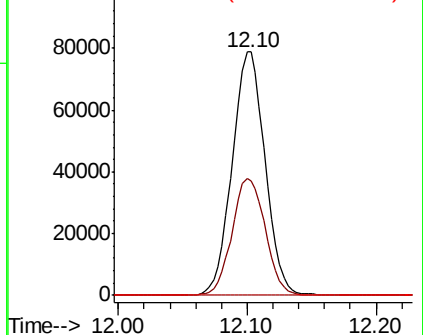
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

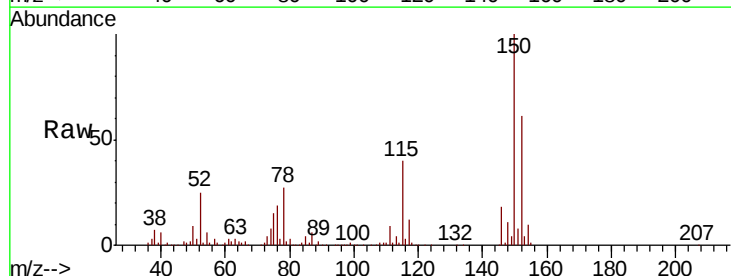
Tgt Ion:152 Resp: 218670

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

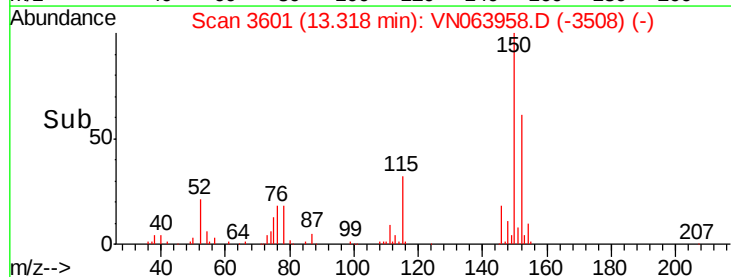
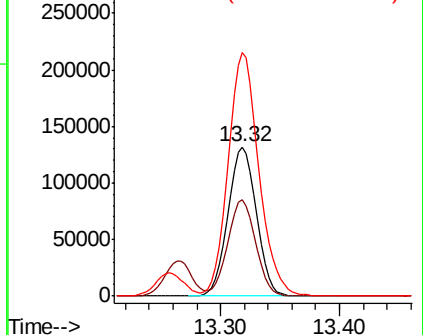
150 175.5 0.0 341.8

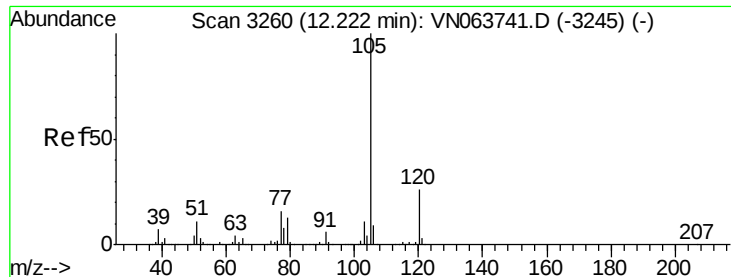


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.802 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

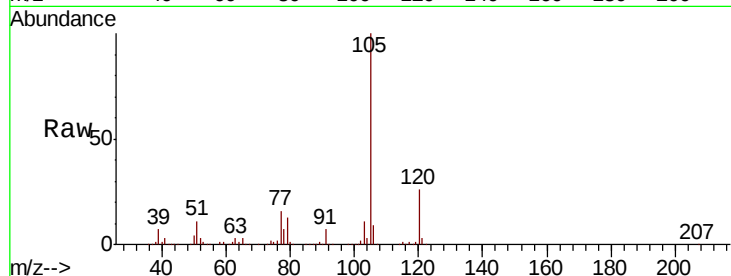
VSTDCCC050EC

Tot Ion:105 Resp: 778378

Ion Ratio Lower Upper

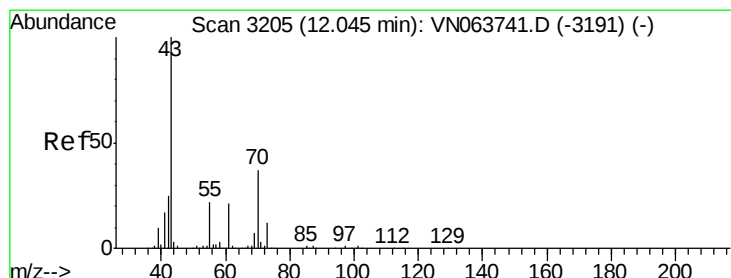
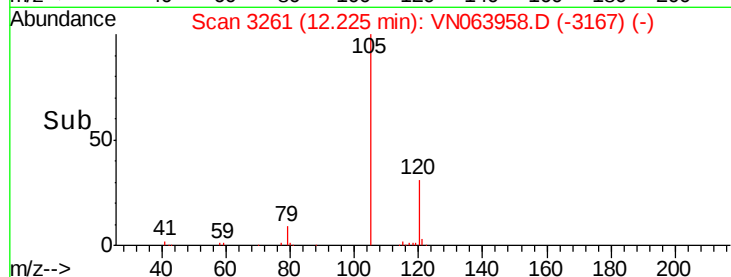
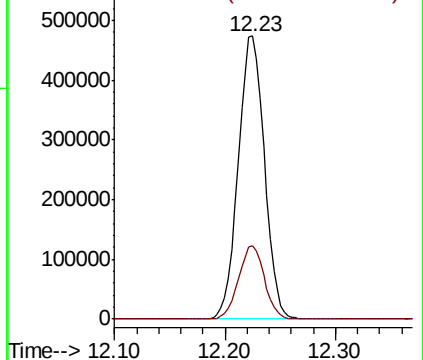
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.490 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Tgt Ion: 43 Resp: 374454

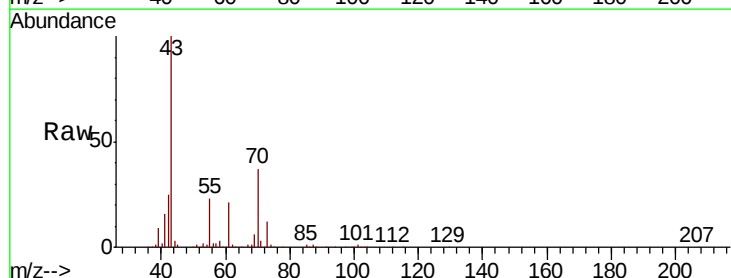
Ion Ratio Lower Upper

43 100

70 37.2 29.8 44.8

55 23.0 17.9 26.9

61 20.6 17.0 25.4

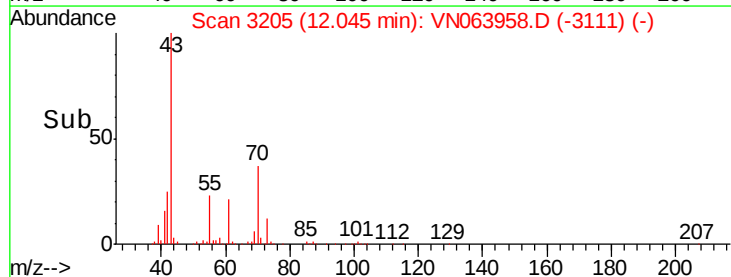
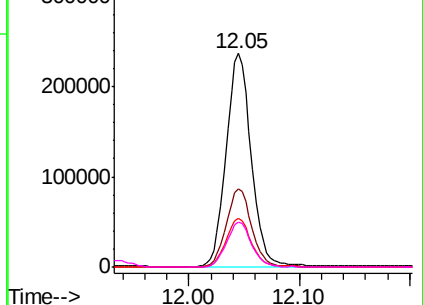


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.715 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

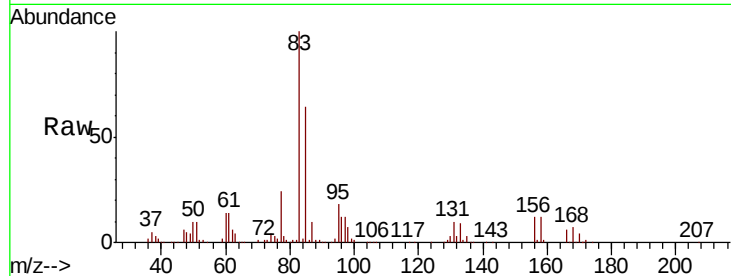
Tot Ion: 83 Resp: 247349

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.3 31.3 93.8

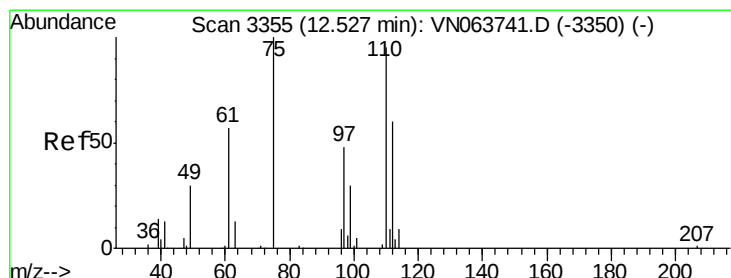
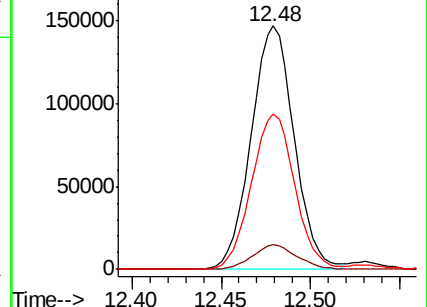
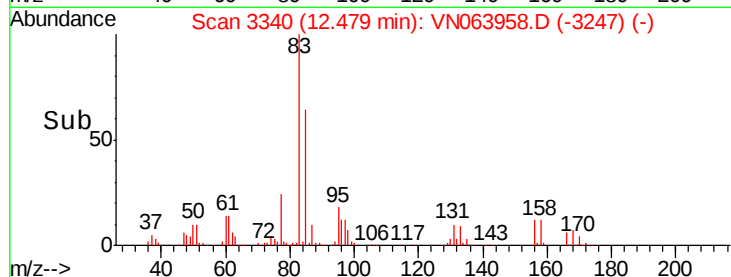


Abundance Ion 82.90 (82.60 to 83.60): VN063958.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063958.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063958.D (-3247) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 69.381 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063958.D

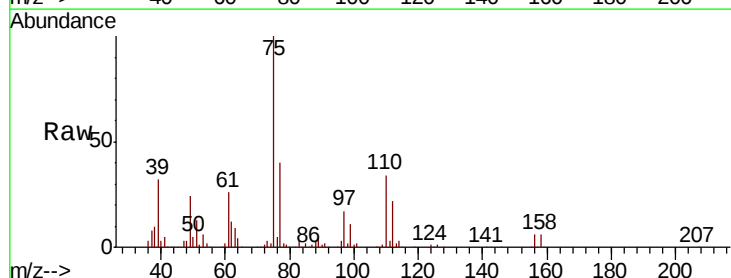
Acq: 7 Oct 2020 21:19

Tgt Ion: 75 Resp: 334441

Ion Ratio Lower Upper

75 100

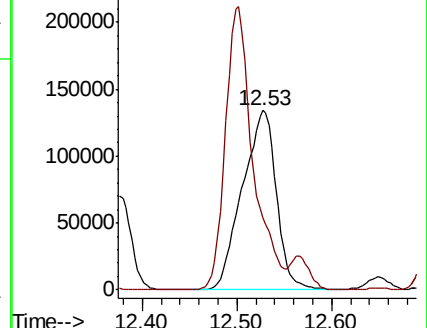
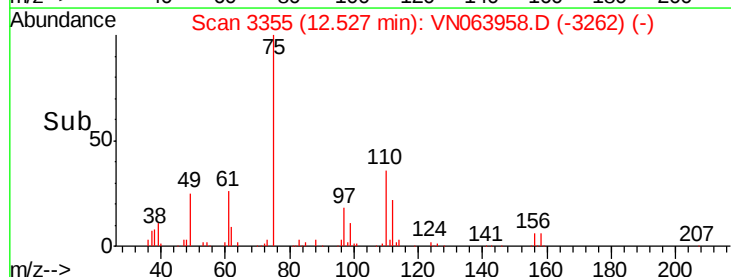
77 0.0 0.0 0.0

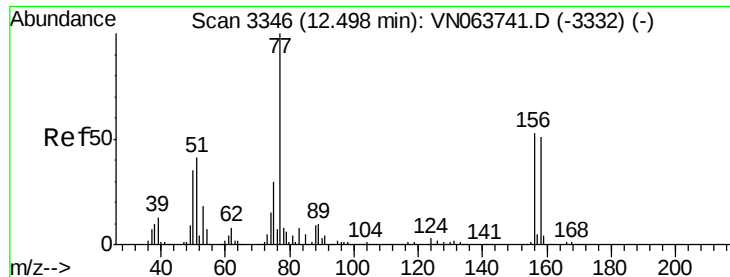


Abundance Ion 74.90 (74.60 to 75.60): VN063958.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063958.D (-3262) (-)

Time-->

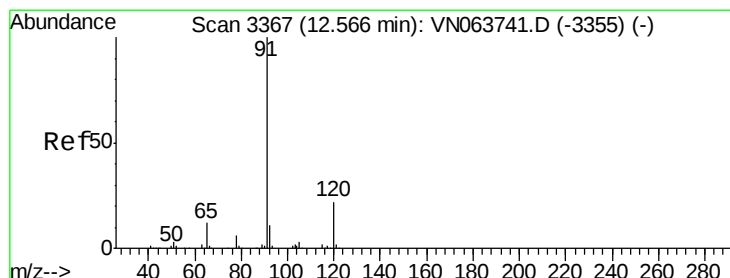
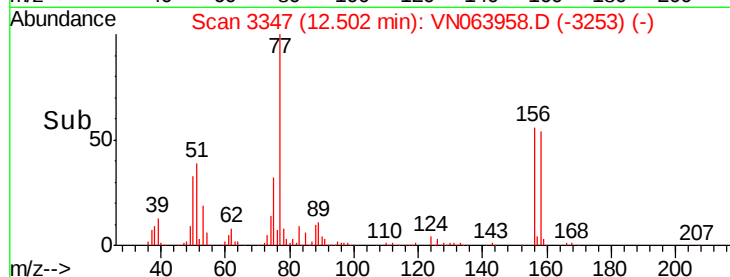
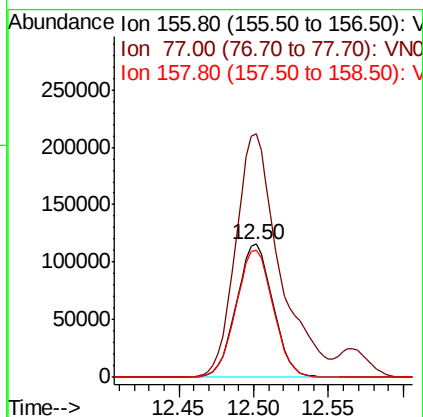
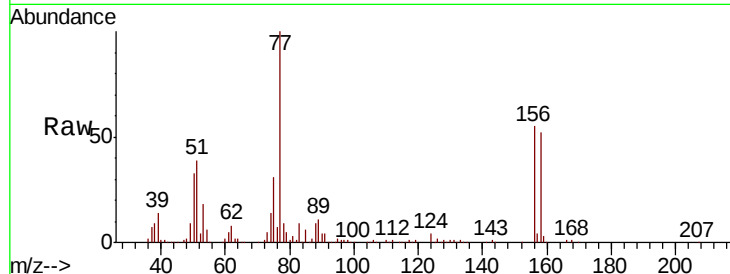




#77
Bromobenzene
Concen: 50.490 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

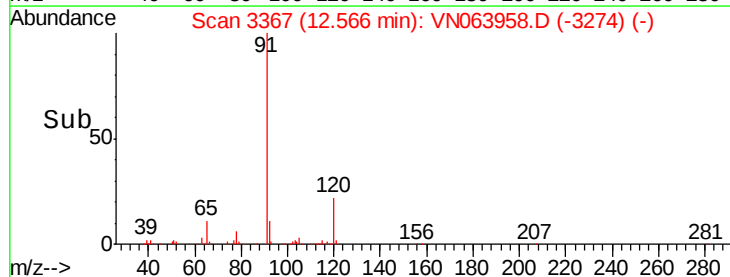
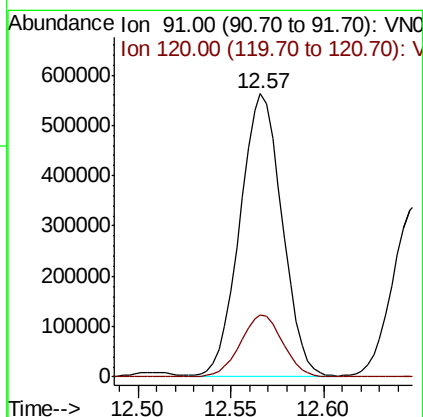
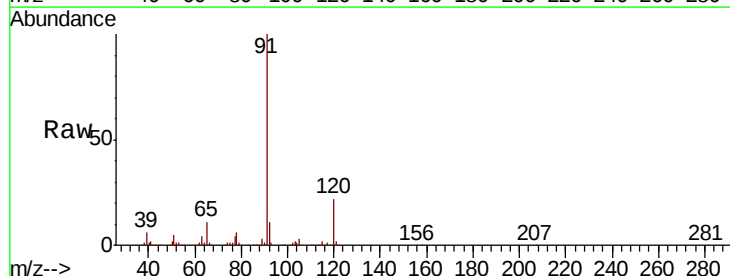
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

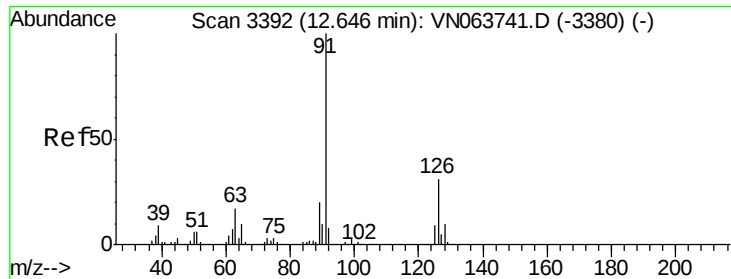
Tot Ion:156 Resp: 197599
Ion Ratio Lower Upper
156 100
77 219.6 110.9 332.7
158 97.0 47.7 143.1



#78
n-propylbenzene
Concen: 47.534 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 91 Resp: 882344
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

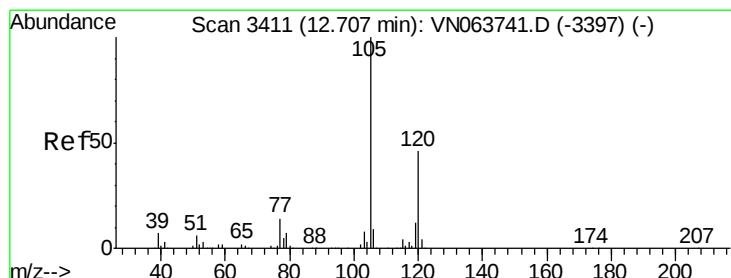
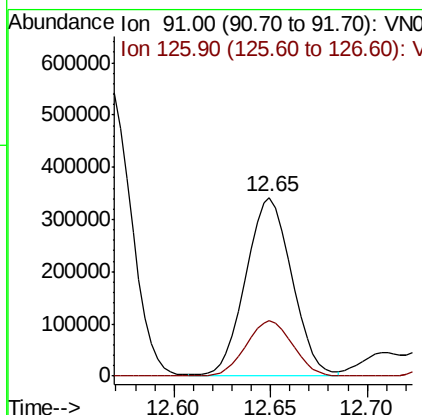
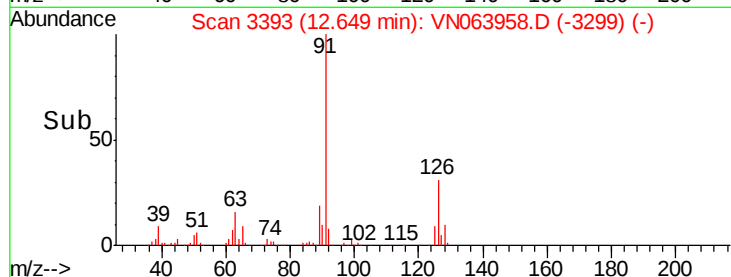
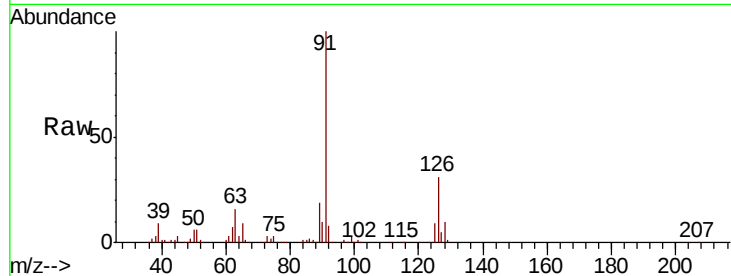




#79
 2-Chlorotoluene
 Concen: 49.344 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

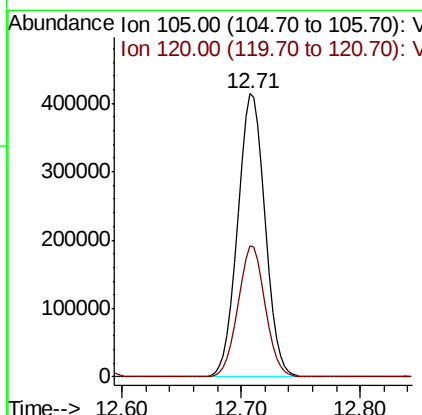
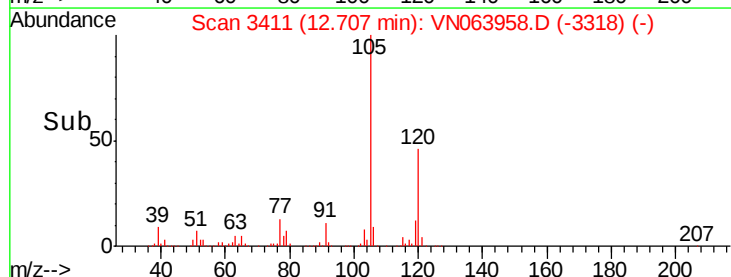
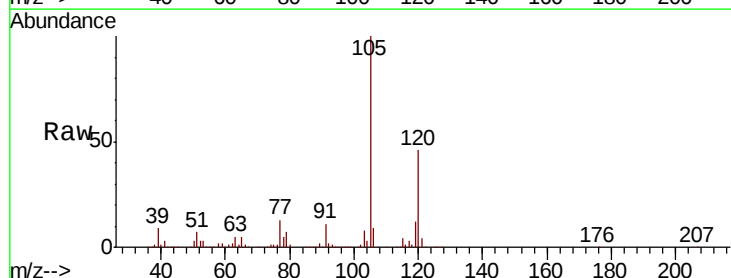
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

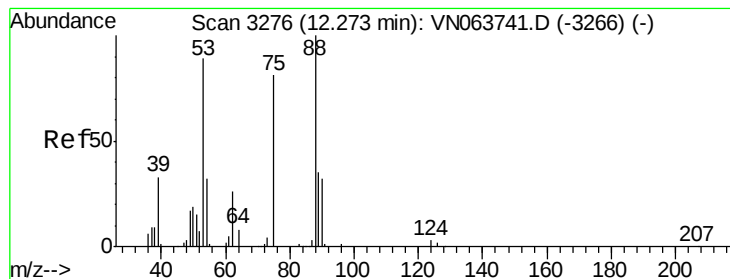
Tot Ion: 91 Resp: 563316
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.196 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 105 Resp: 658282
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.793 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

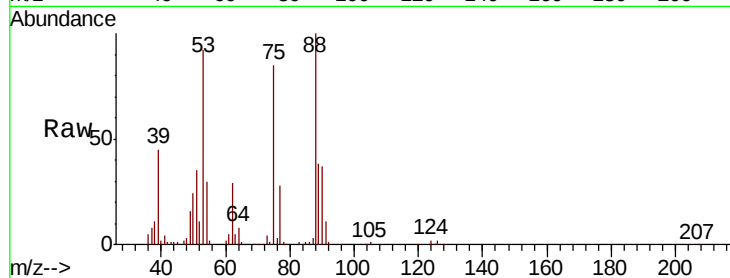
Tot Ion: 75 Resp: 81662

Ion Ratio Lower Upper

75 100

53 105.2 88.2 132.2

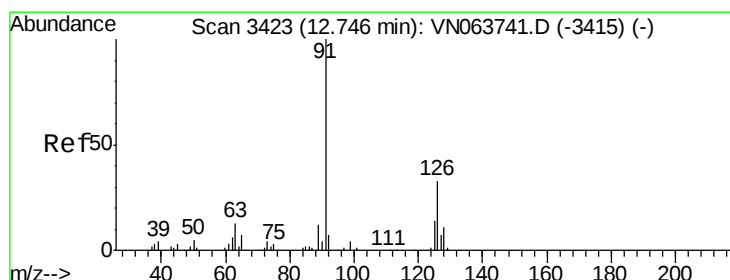
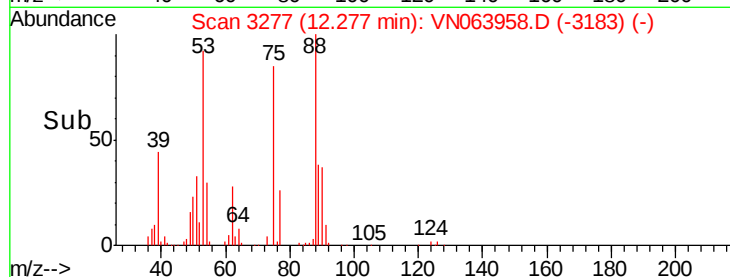
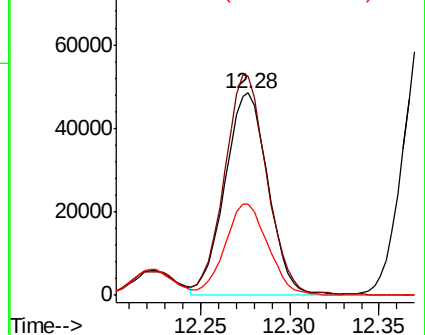
89 44.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 48.918 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063958.D

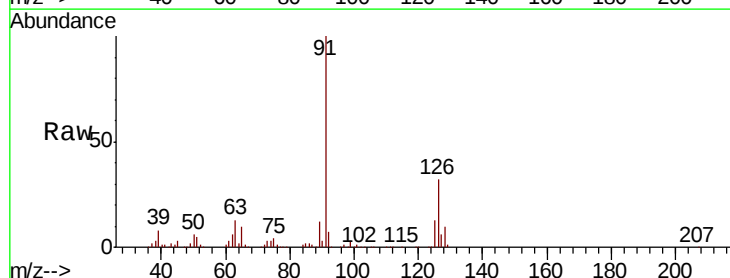
Acq: 7 Oct 2020 21:19

Tgt Ion: 91 Resp: 579737

Ion Ratio Lower Upper

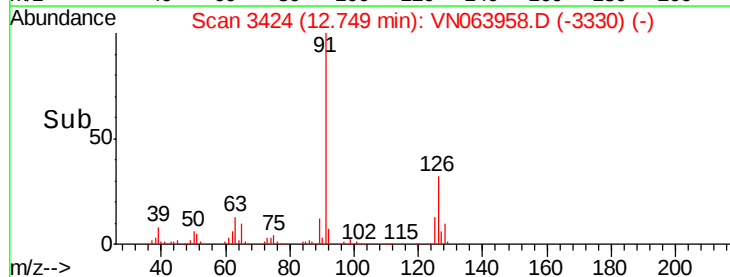
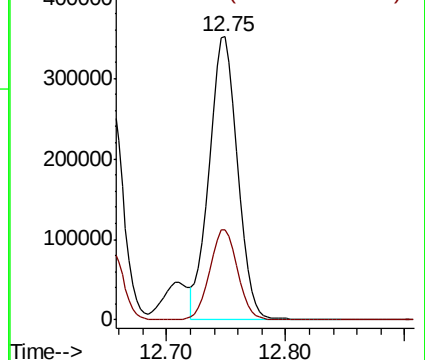
91 100

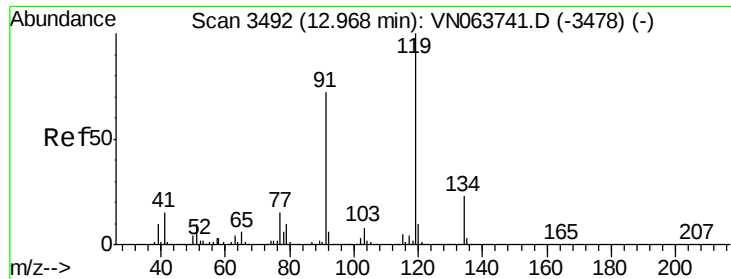
126 31.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)

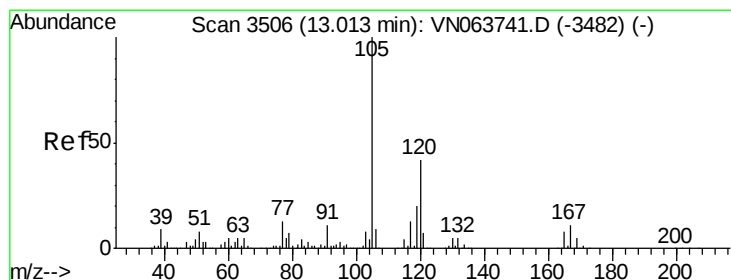
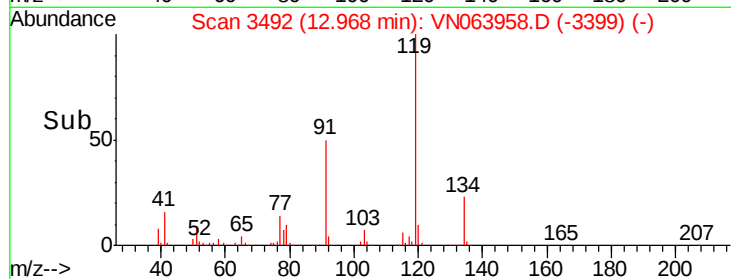
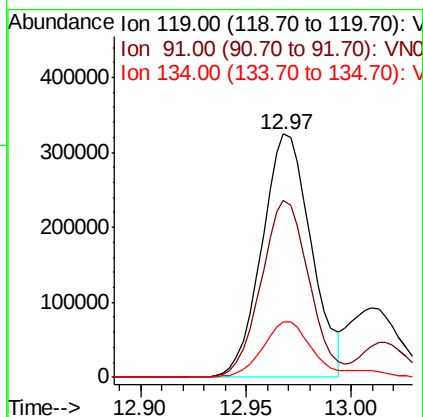
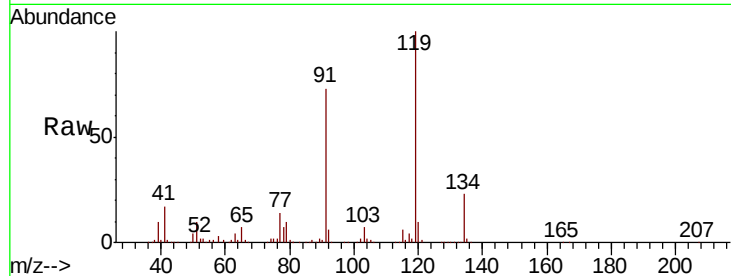




#83
 tert-Butylbenzene
 Concen: 48.392 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

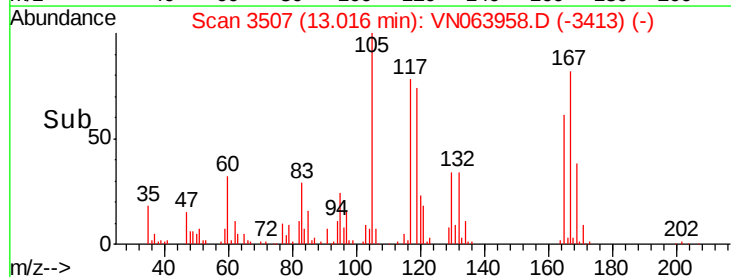
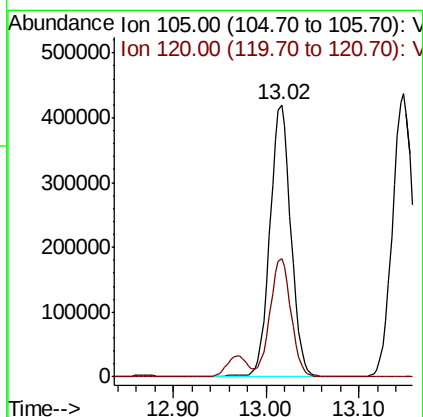
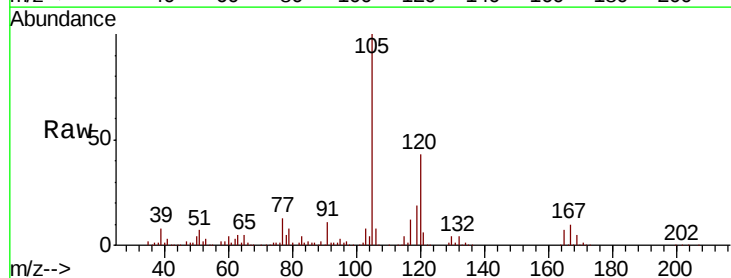
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

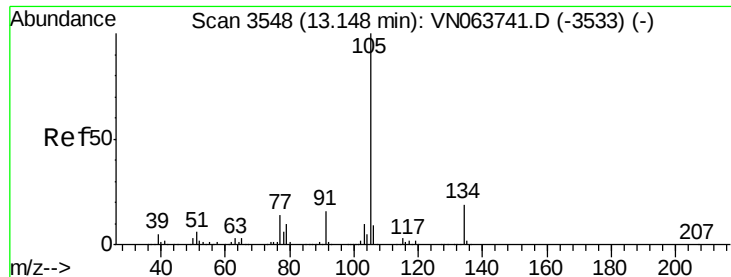
Tot Ion:119 Resp: 529663
 Ion Ratio Lower Upper
 119 100
 91 70.5 35.5 106.5
 134 22.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.083 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion:105 Resp: 669092
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 47.503 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

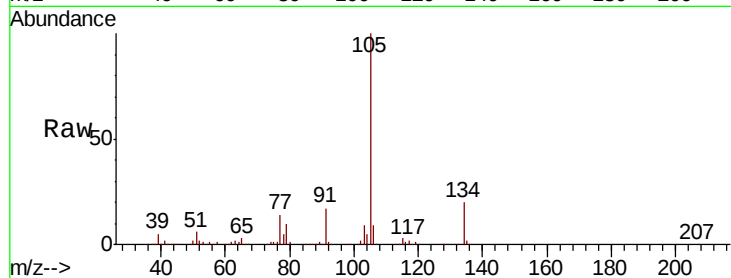
VSTDCCC050EC

Tot Ion:105 Resp: 682902

Ion Ratio Lower Upper

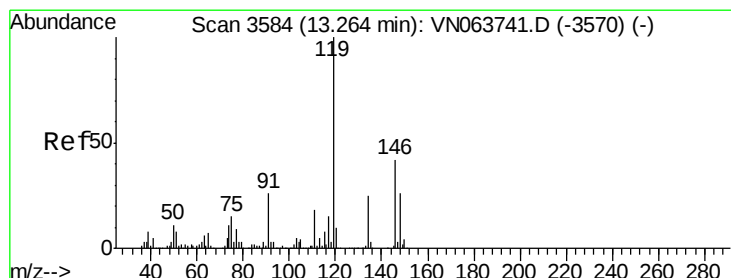
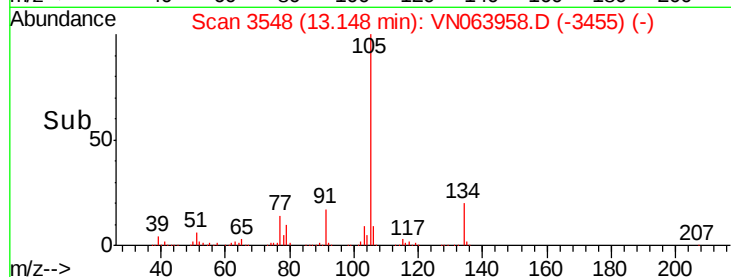
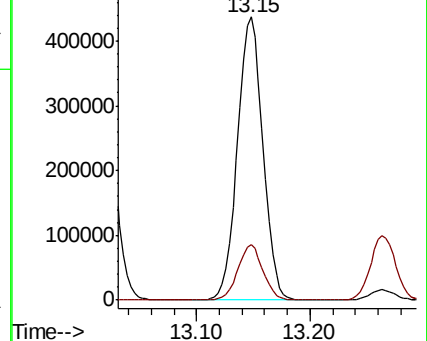
105 100

134 19.3 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.759 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

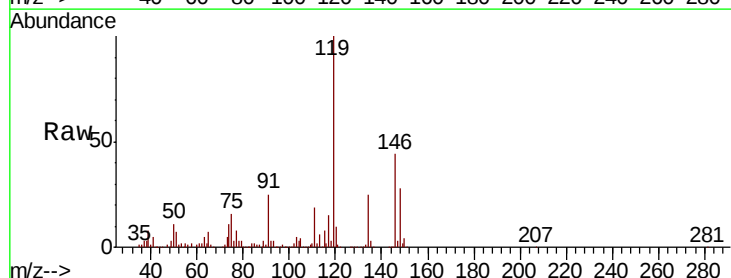
Tgt Ion:119 Resp: 620112

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

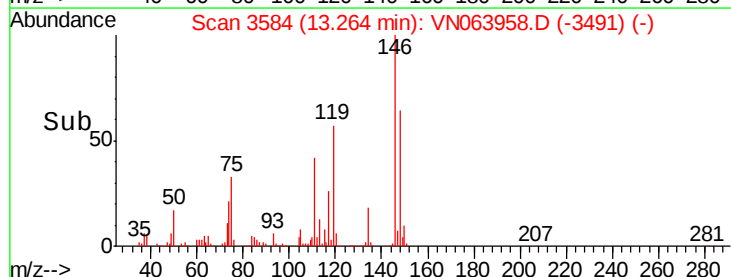
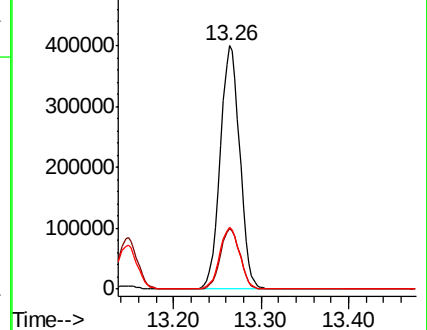
91 25.7 13.4 40.2



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: 48.424 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

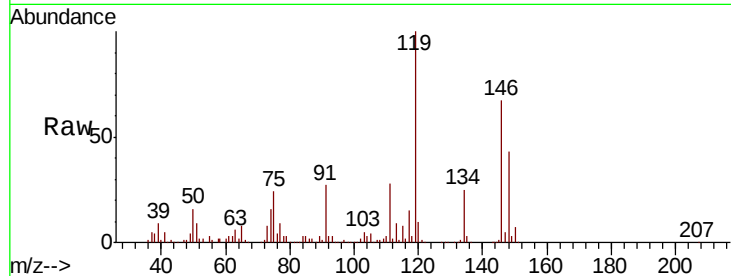
Tot Ion:146 Resp: 342858

Ion Ratio Lower Upper

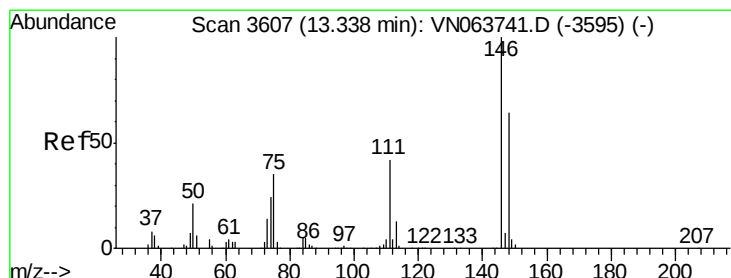
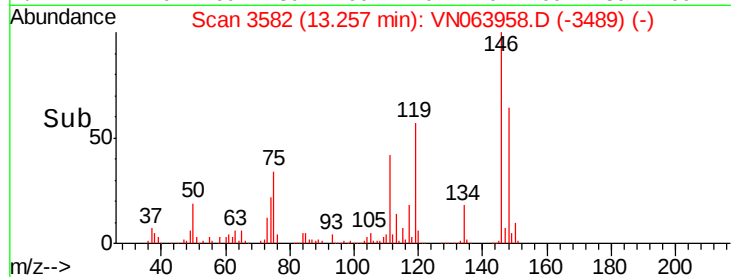
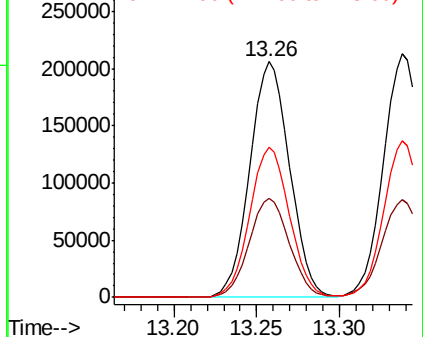
146 100

111 42.5 21.5 64.5

148 63.8 31.1 93.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.946 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063958.D

Acq: 7 Oct 2020 21:19

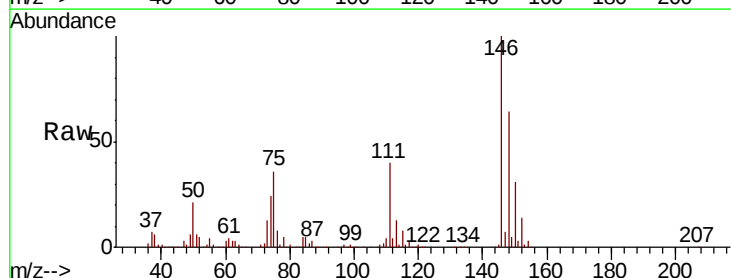
Tgt Ion:146 Resp: 346089

Ion Ratio Lower Upper

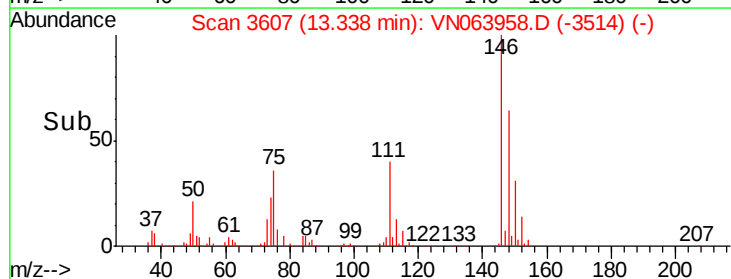
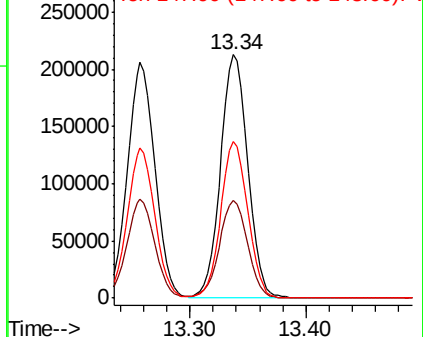
146 100

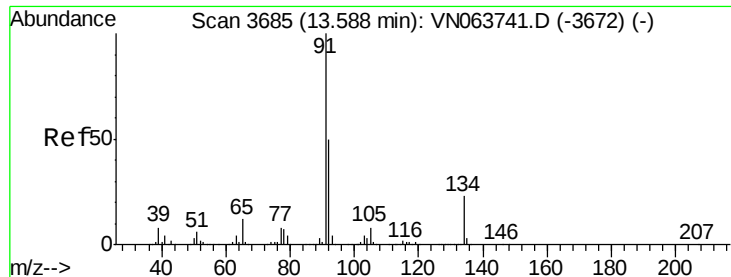
111 41.4 21.3 63.7

148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

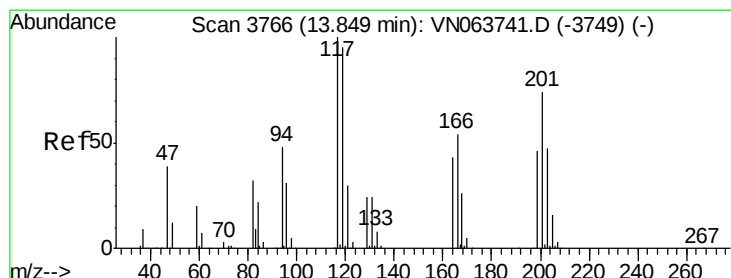
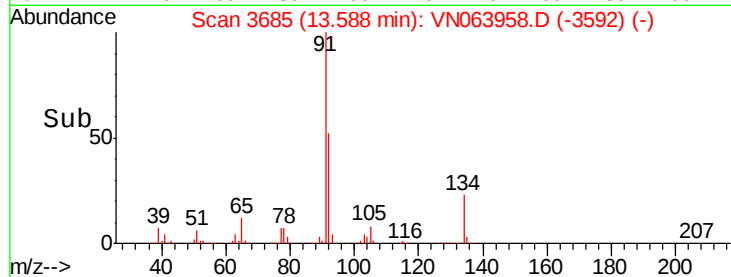
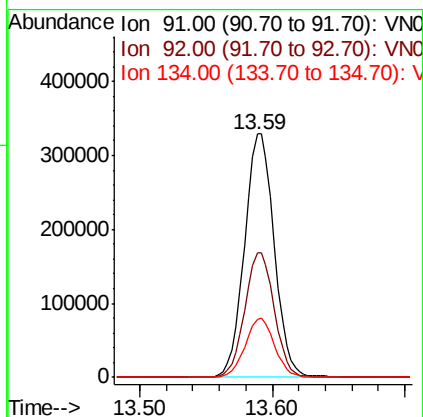
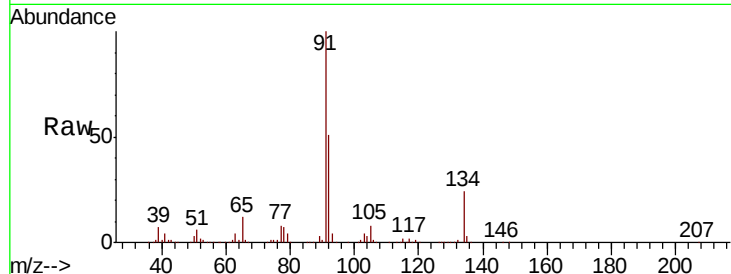




#89
n-Butylbenzene
Concen: 43.533 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

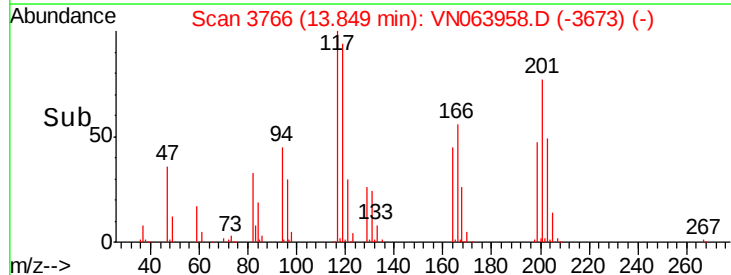
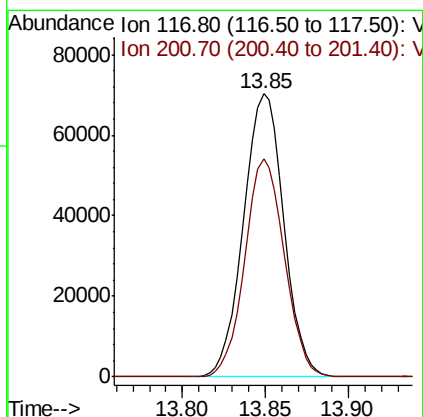
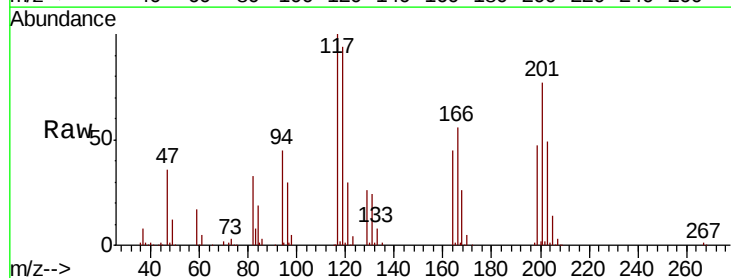
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 510998
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.4
134 24.0 11.7 35.1



#90
Hexachloroethane
Concen: 48.387 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion: 117 Resp: 119246
Ion Ratio Lower Upper
117 100
201 75.6 36.0 108.0

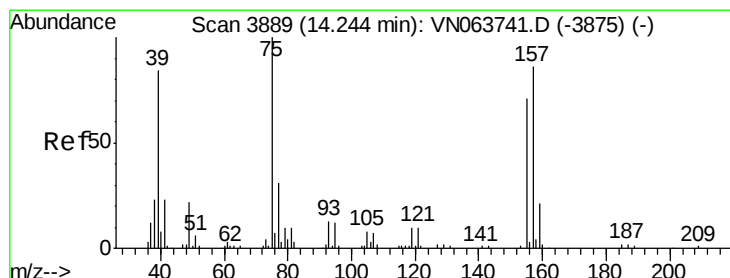
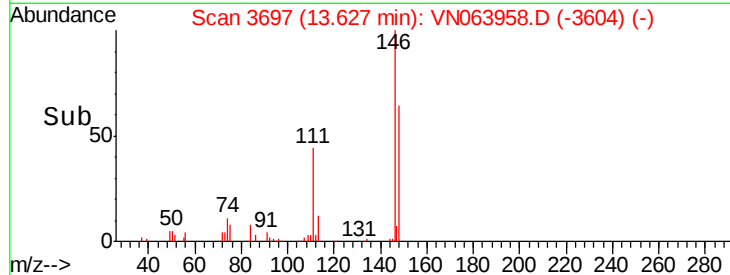
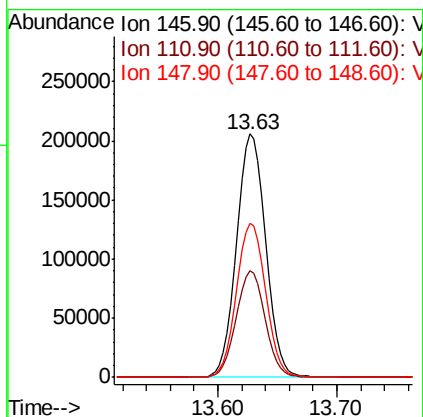
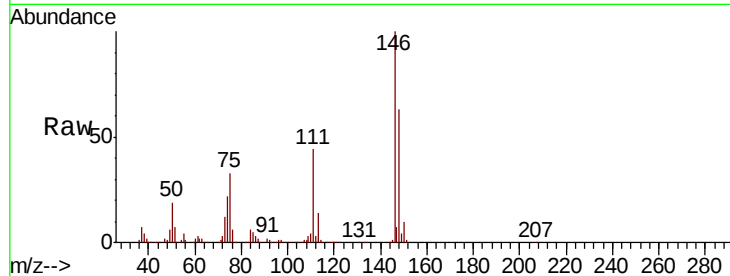




#91
 1,2-Dichlorobenzene
 Concen: 49.976 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

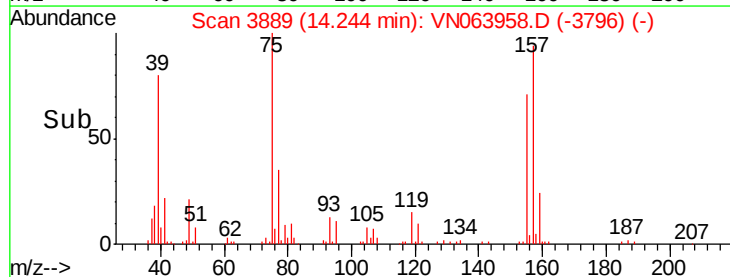
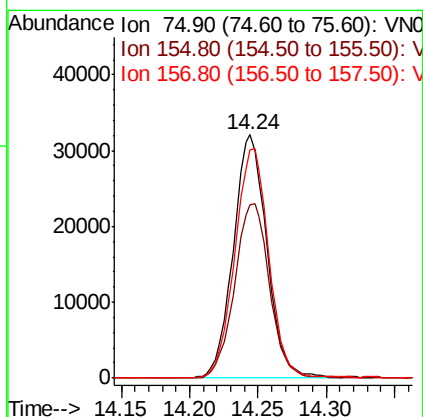
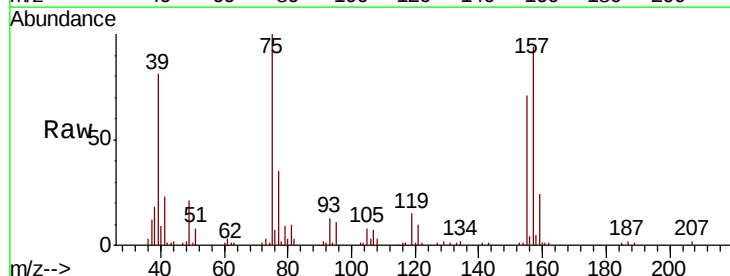
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 350471
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.2 66.6
 148 63.6 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.865 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion: 75 Resp: 54748
 Ion Ratio Lower Upper
 75 100
 155 74.2 34.8 104.5
 157 95.2 43.7 131.1

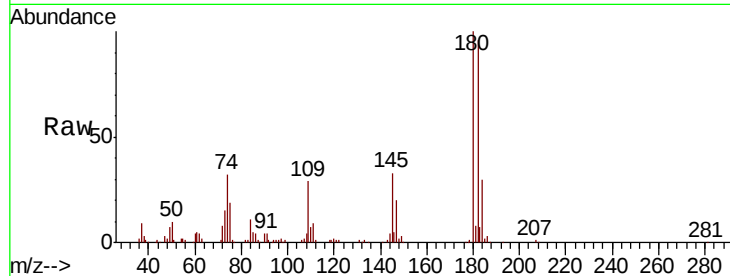




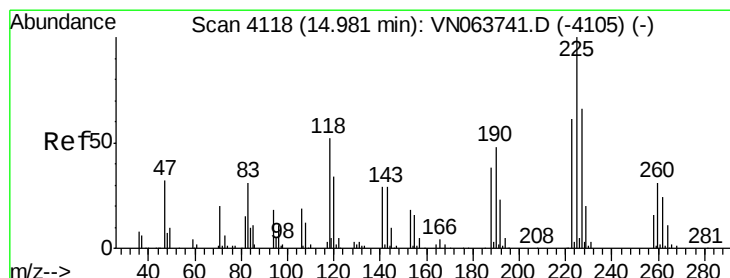
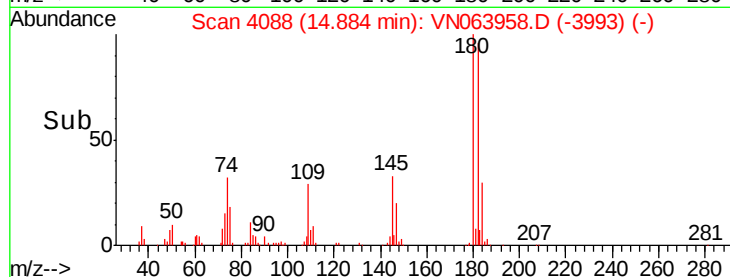
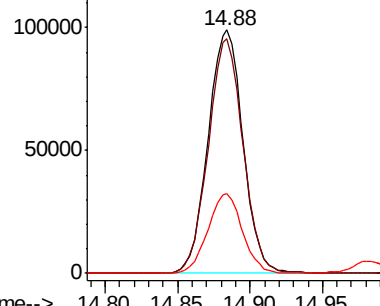
#93
 1,2,4-Trichlorobenzene
 Concen: 43.658 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 165614
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.2 144.6
 145 32.1 17.1 51.2

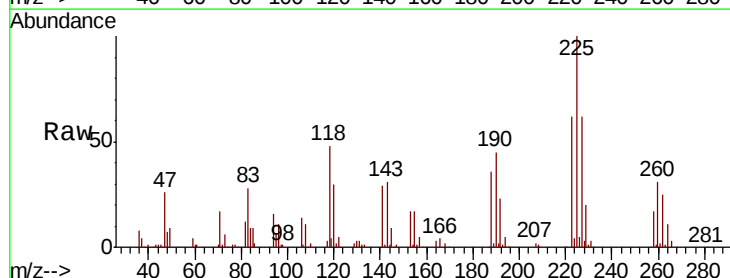


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

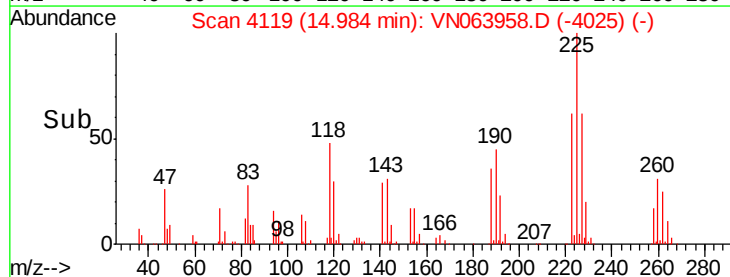
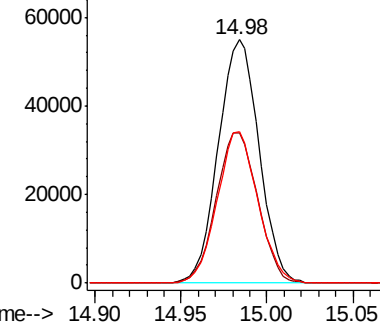


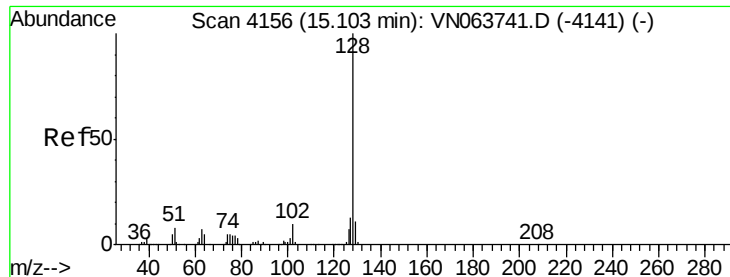
#94
 Hexachlorobutadiene
 Concen: 47.537 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063958.D
 Acq: 7 Oct 2020 21:19

Tgt Ion:225 Resp: 90382
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.3 91.0
 227 62.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

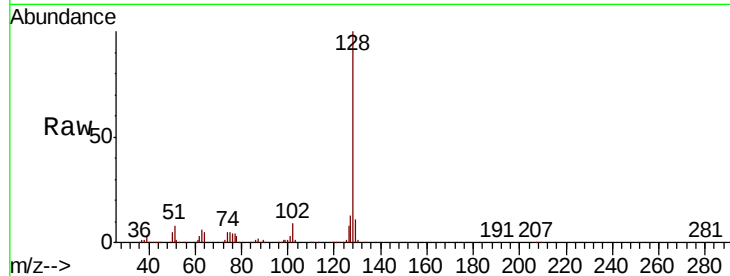




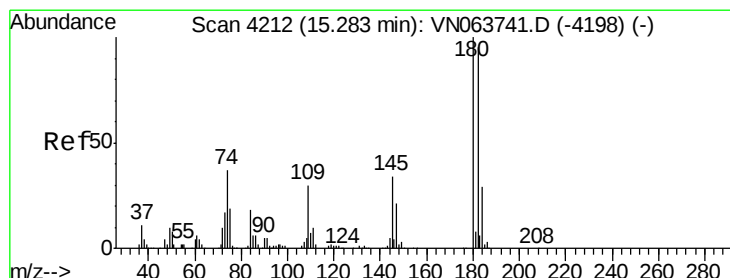
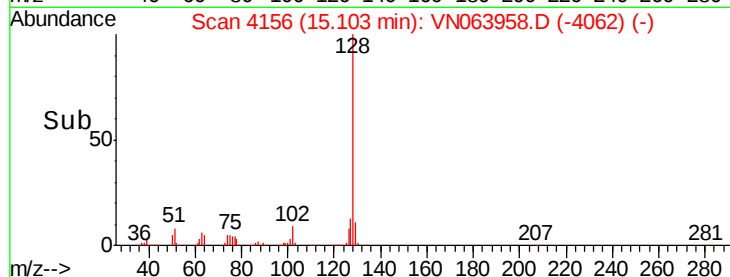
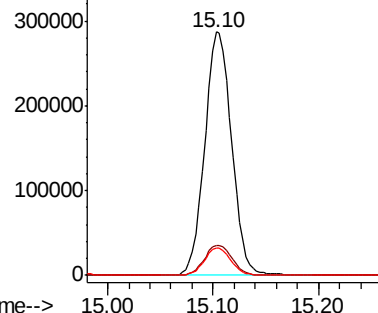
#95
Naphthalene
Concen: 43.109 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 505382
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

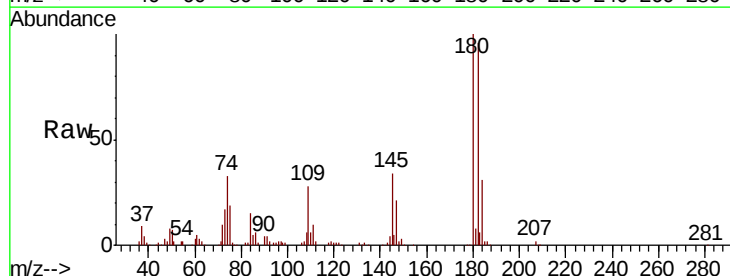


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 44.742 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063958.D
Acq: 7 Oct 2020 21:19

Tgt Ion:180 Resp: 164850
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 33.5 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

