

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063838.D
 Acq On : 2 Oct 2020 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 04:20:28 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	241623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	206471	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	139462	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	523644	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	198122	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	123891	48.594	ug/l	99
3) Chloromethane	2.04	50	142945	47.784	ug/l	98
4) Vinyl Chloride	2.16	62	146098	48.653	ug/l	99
5) Bromomethane	2.52	94	94971	50.281	ug/l	96
6) Chloroethane	2.67	64	96672	53.875	ug/l	100
7) Trichlorofluoromethane	2.98	101	242580	50.935	ug/l	100
8) Diethyl Ether	3.37	74	83992	52.148	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126939	49.868	ug/l	99
10) Methyl Iodide	3.91	142	164853	55.777	ug/l	100
11) Tert butyl alcohol	4.73	59	151317	343.352	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123768	50.868	ug/l	96
13) Acrolein	3.57	56	72687	268.733	ug/l	98
14) Allyl chloride	4.28	41	237775	52.603	ug/l	98
15) Acrylonitrile	4.93	53	378853	300.321	ug/l	99
16) Acetone	3.77	43	361535	294.218	ug/l	98
17) Carbon Disulfide	4.01	76	324394	49.338	ug/l	100
18) Methyl Acetate	4.28	43	192198	60.242	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	486237	55.006	ug/l	98
20) Methylene Chloride	4.51	84	152006	53.999	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	139309	51.117	ug/l	93
22) Diisopropyl ether	5.90	45	523776	56.320	ug/l	99
23) Vinyl Acetate	5.84	43	2217679	287.868	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281026	52.849	ug/l	100
25) 2-Butanone	6.78	43	555522	318.875	ug/l	100
26) 2,2-Dichloropropane	6.78	77	210153	43.156	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	160436	51.186	ug/l	99
28) Bromochloromethane	7.15	49	145660	55.422	ug/l	99
29) Tetrahydrofuran	7.17	42	367723	314.713	ug/l	100
30) Chloroform	7.33	83	298951	53.919	ug/l	95
31) Cyclohexane	7.61	56	220505	47.582	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	268698	53.729	ug/l	100
36) 1,1-Dichloropropene	7.75	75	208636	51.343	ug/l	98
37) Ethyl Acetate	6.88	43	235051	58.222	ug/l	99
38) Carbon Tetrachloride	7.73	117	232531	51.031	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	189963	46.878	ug/l	98
40) Benzene	8.00	78	610692	52.617	ug/l	98
41) Methacrylonitrile	7.16	41	355035	197.870	ug/l #	47
42) 1,2-Dichloroethane	8.09	62	266878	53.867	ug/l	100
43) Isopropyl Acetate	8.13	43	390378	58.623	ug/l	99
44) Trichloroethene	8.80	130	152140	50.029	ug/l	98
45) 1,2-Dichloropropane	9.08	63	171352	54.666	ug/l	99
46) Dibromomethane	9.18	93	115790	53.548	ug/l	100
47) Bromodichloromethane	9.37	83	238815	53.588	ug/l	99
48) Methyl methacrylate	9.17	41	202816	61.646	ug/l	94
49) 1,4-Dioxane	9.17	88	63291	1353.566	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1245566	318.731	ug/l	99
52) Toluene	10.13	92	382867	53.331	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256517	53.697	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	263965	52.835	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	157349	54.654	ug/l	99
56) Ethyl methacrylate	10.40	69	239865	58.777	ug/l	97
57) 1,3-Dichloropropane	10.68	76	272439	55.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	631454	289.270	ug/l	99
59) 2-Hexanone	10.72	43	922788	317.871	ug/l	99
60) Dibromochloromethane	10.87	129	182105	54.313	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164866	55.981	ug/l	99
64) Tetrachloroethene	10.60	164	140328	46.936	ug/l	99
65) Chlorobenzene	11.41	112	404051	50.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	159243	52.399	ug/l	99
67) Ethyl Benzene	11.49	91	744867	51.639	ug/l	100
68) m/p-Xylenes	11.59	106	555408	103.312	ug/l	99
69) o-Xylene	11.92	106	267134	53.163	ug/l	99
70) Styrene	11.94	104	463947	54.394	ug/l	99
71) Bromoform	12.10	173	127351	54.791	ug/l #	97
73) Isopropylbenzene	12.23	105	708270	51.267	ug/l	99
74) N-amyl acetate	12.04	43	359036	55.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237037	56.108	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	326081	78.097	ug/l #	100
77) Bromobenzene	12.50	156	176126	51.955	ug/l	98
78) n-propylbenzene	12.57	91	822182	51.136	ug/l	100
79) 2-Chlorotoluene	12.65	91	510961	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	601289	51.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75569	52.128	ug/l	93
82) 4-Chlorotoluene	12.75	91	528386	51.473	ug/l	99
83) tert-Butylbenzene	12.97	119	483865	51.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	609460	52.667	ug/l	99
85) sec-Butylbenzene	13.15	105	628958	50.509	ug/l	100
86) p-Isopropyltoluene	13.26	119	563816	51.181	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	314326	51.253	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	315424	49.396	ug/l	99
89) n-Butylbenzene	13.59	91	467548	45.985	ug/l	100
90) Hexachloroethane	13.85	117	108465	50.811	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	315811	51.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57251	57.785	ug/l	97

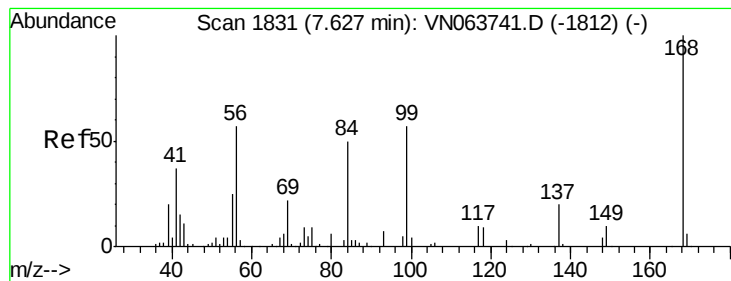
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	143240	43.596	ug/l	99
94) Hexachlorobutadiene	14.98	225	78792	47.842	ug/l	98
95) Naphthalene	15.10	128	461125	45.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142086	44.529	ug/l	100

(#) = 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: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

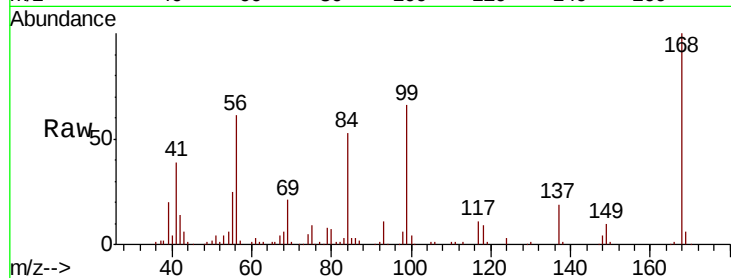
VSTDCCC050

Tot Ion:168 Resp: 241623

Ion Ratio Lower Upper

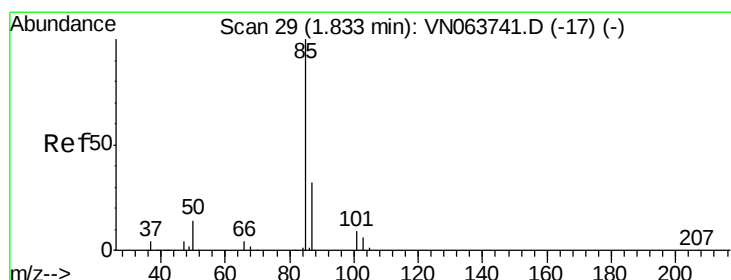
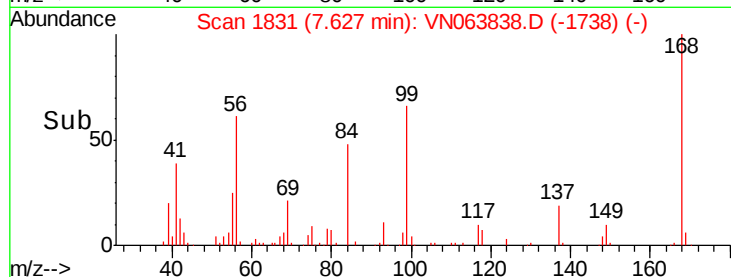
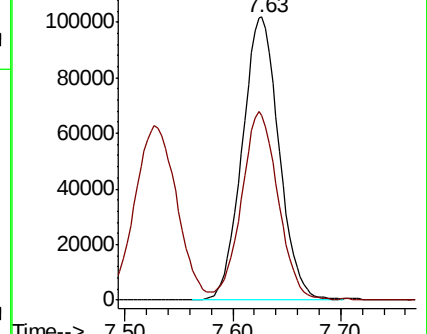
168 100

99 65.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.594 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063838.D

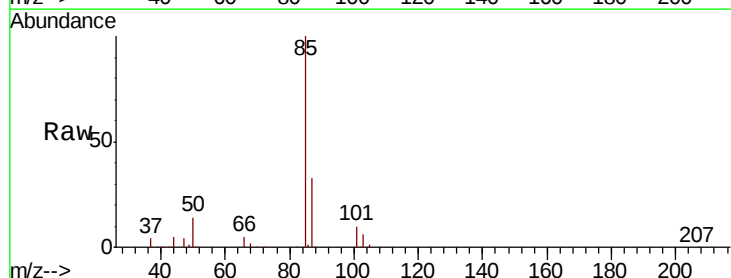
Acq: 2 Oct 2020 22:20

Tgt Ion: 85 Resp: 123891

Ion Ratio Lower Upper

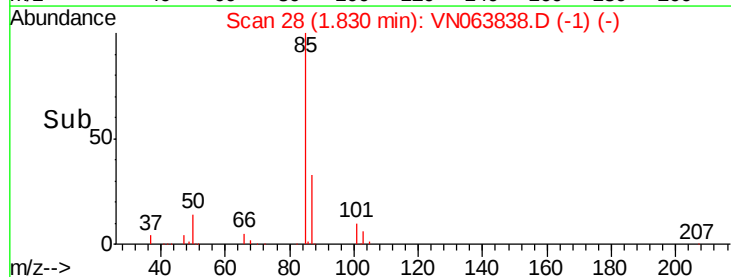
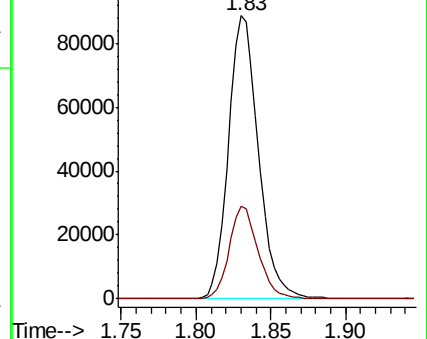
85 100

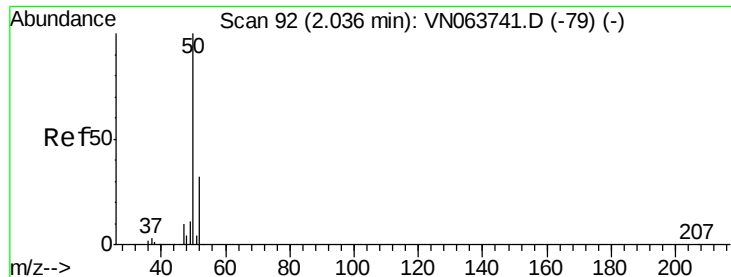
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.784 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

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ClientSampleId :

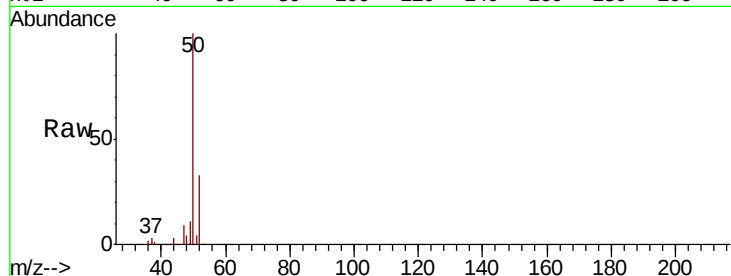
VSTDCCC050

Tot Ion: 50 Resp: 142945

Ion Ratio Lower Upper

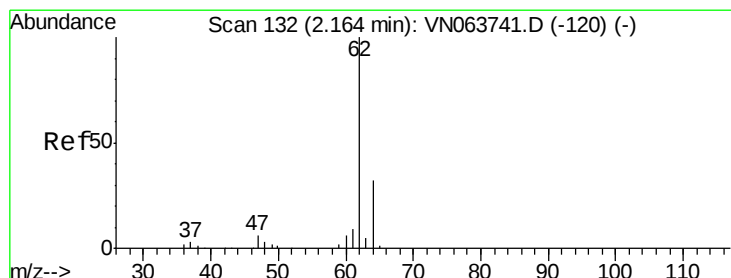
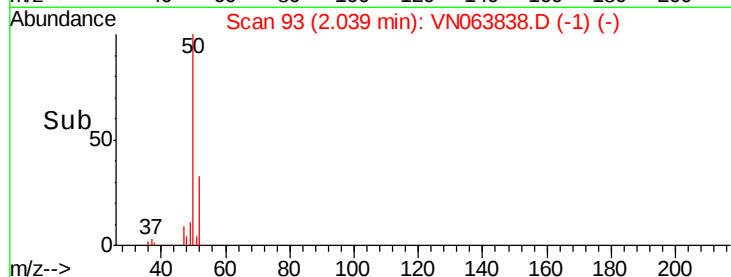
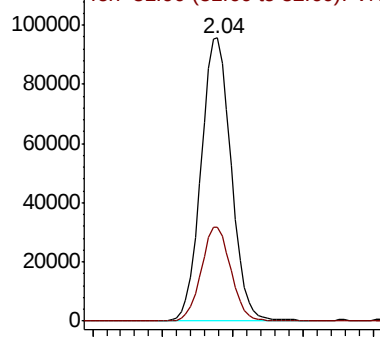
50 100

52 33.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.653 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063838.D

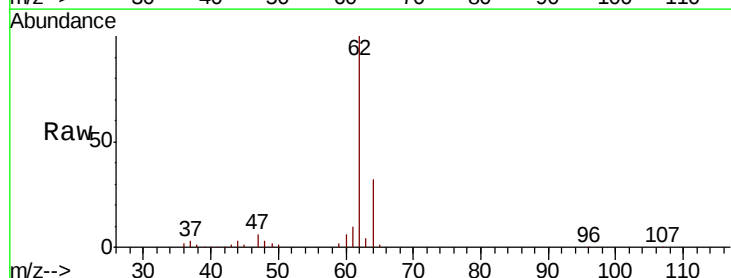
Acq: 2 Oct 2020 22:20

Tgt Ion: 62 Resp: 146098

Ion Ratio Lower Upper

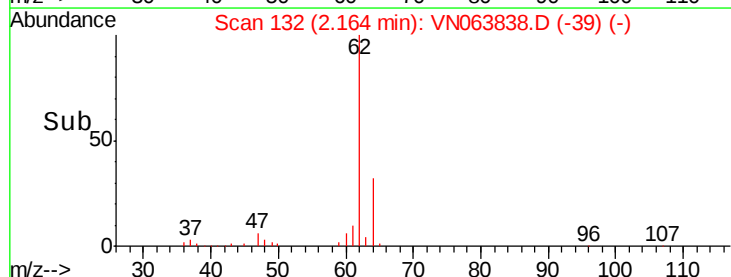
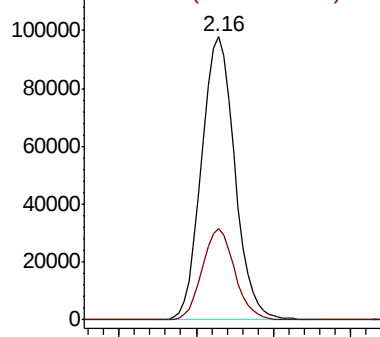
62 100

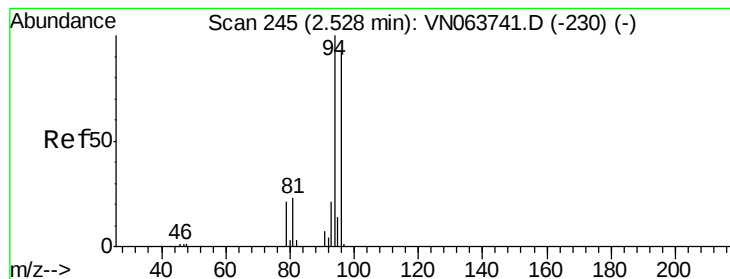
64 32.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.281 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

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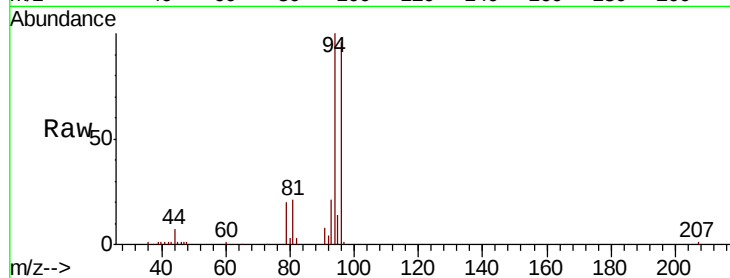
VSTDCCC050

Tot Ion: 94 Resp: 94971

Ion Ratio Lower Upper

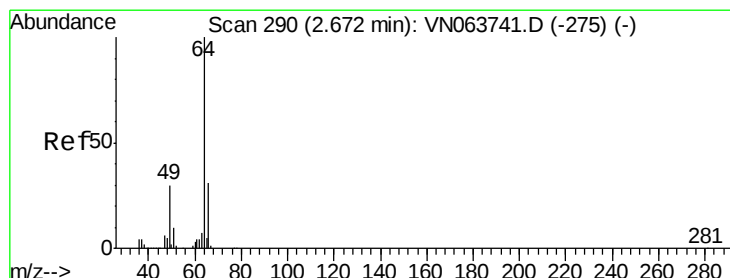
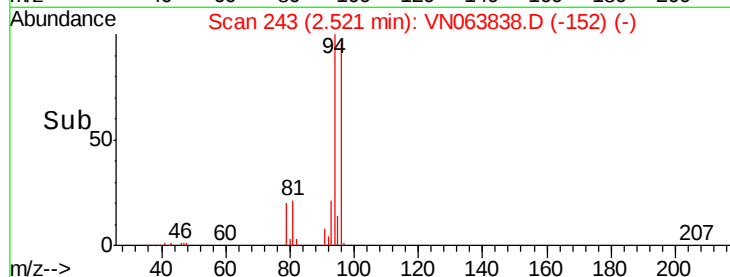
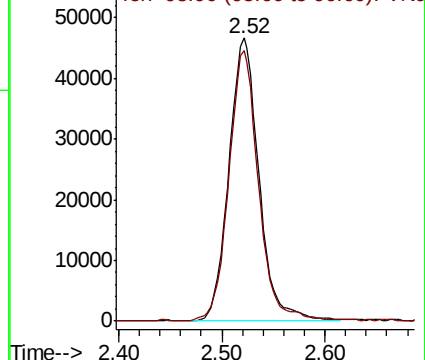
94 100

96 95.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.875 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063838.D

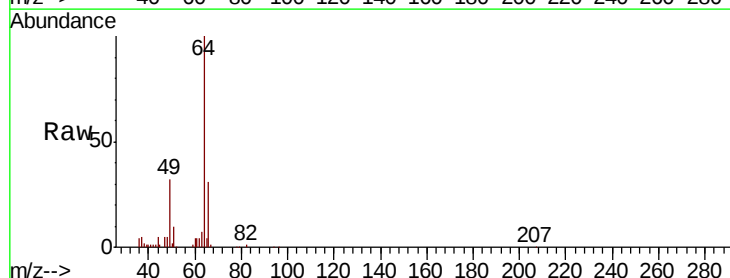
Acq: 2 Oct 2020 22:20

Tgt Ion: 64 Resp: 96672

Ion Ratio Lower Upper

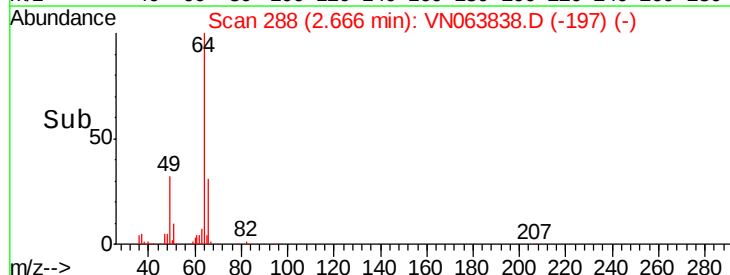
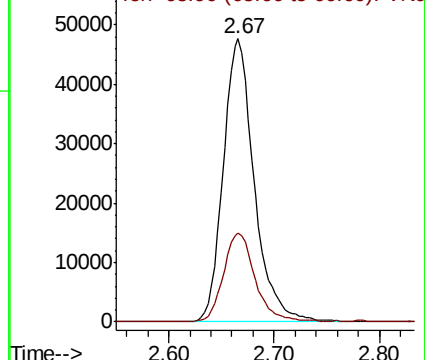
64 100

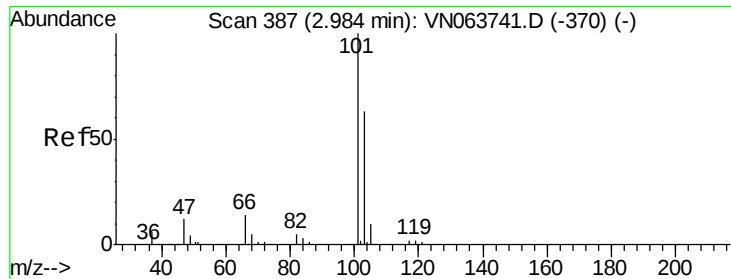
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



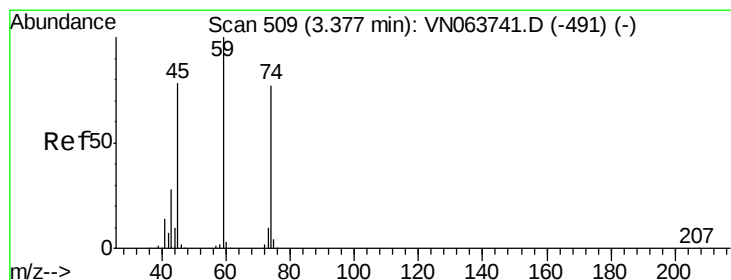
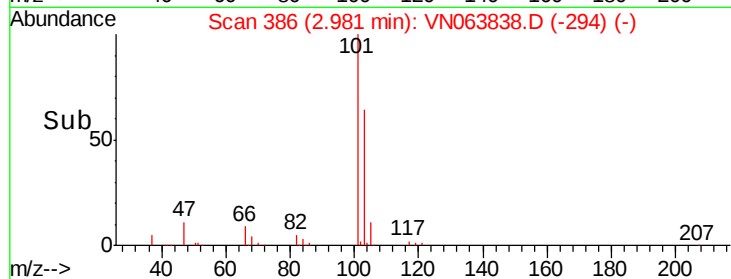
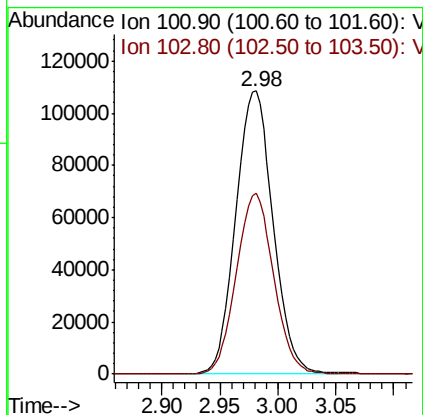
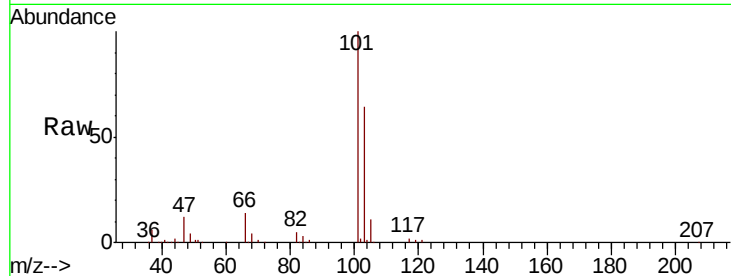


#7

Trichlorofluoromethane
 Concen: 50.935 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
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 VSTDCCC050

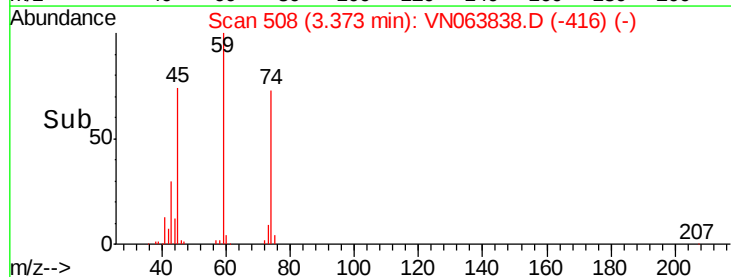
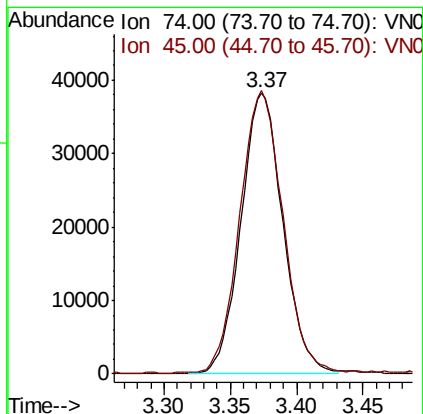
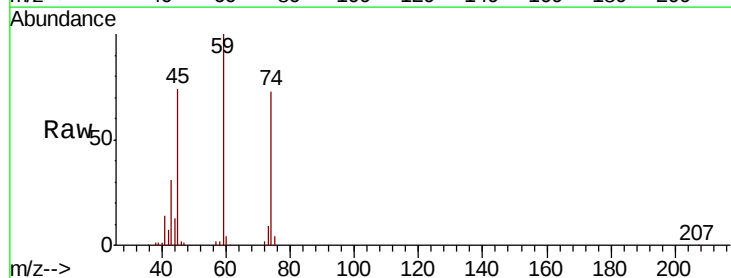
Tot Ion:101 Resp: 242580
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1

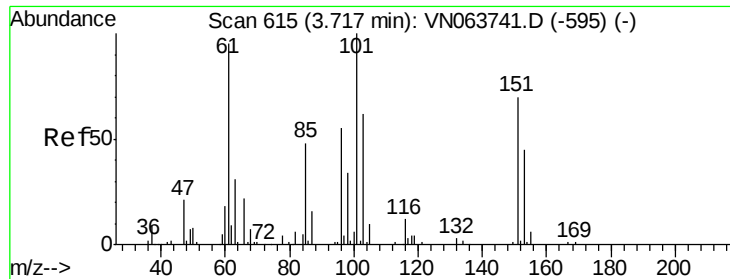


#8

Diethyl Ether
 Concen: 52.148 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 74 Resp: 83992
 Ion Ratio Lower Upper
 74 100
 45 102.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.868 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

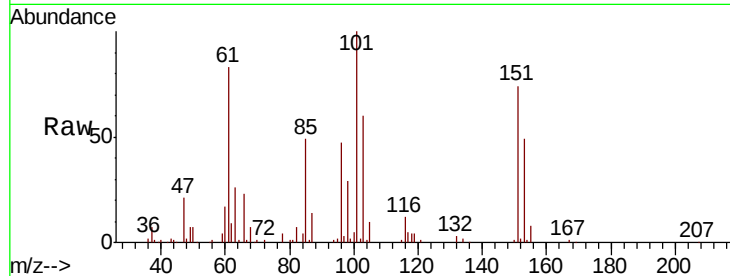
Tot Ion:101 Resp: 126939

Ion Ratio Lower Upper

101 100

85 48.8 38.6 58.0

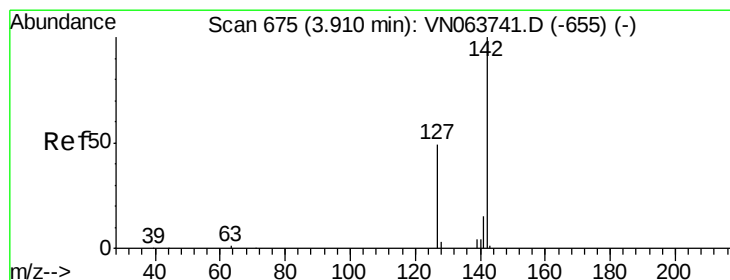
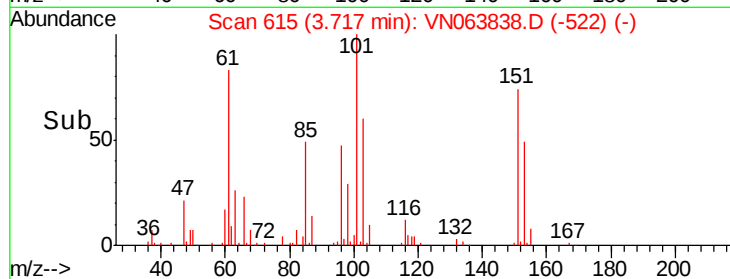
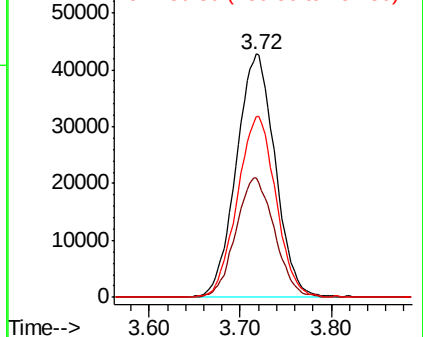
151 73.7 58.7 88.1



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: 55.777 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

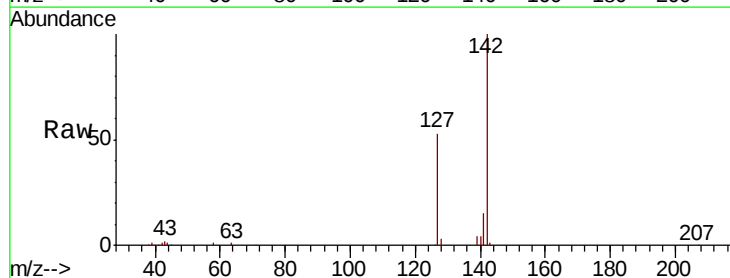
Tgt Ion:142 Resp: 164853

Ion Ratio Lower Upper

142 100

127 50.7 40.5 60.7

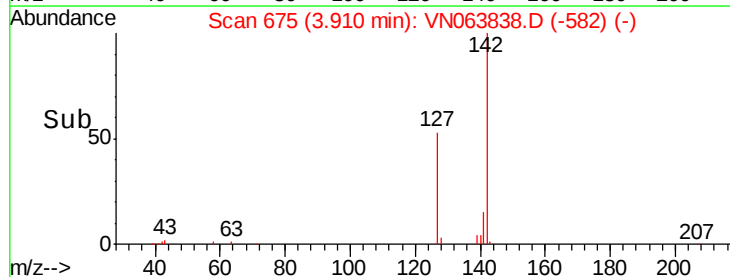
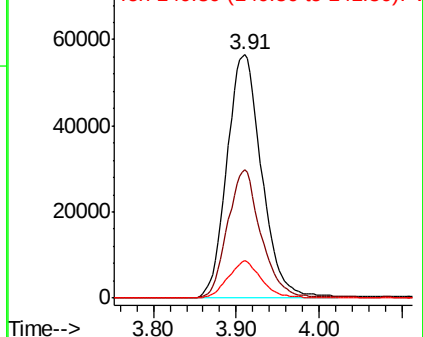
141 14.6 11.7 17.5

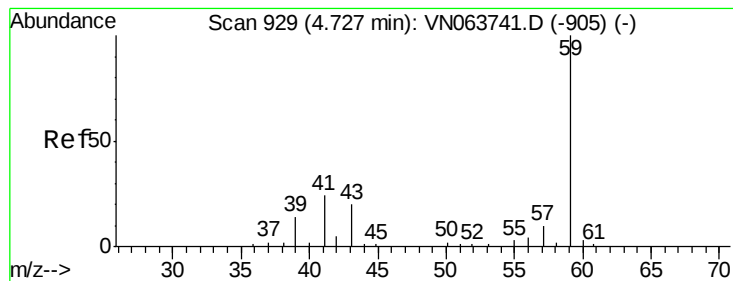


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 343.352 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

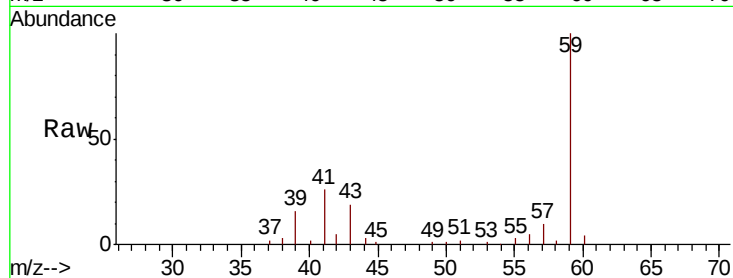
VSTDCCC050

Tot Ion: 59 Resp: 151317

Ion Ratio Lower Upper

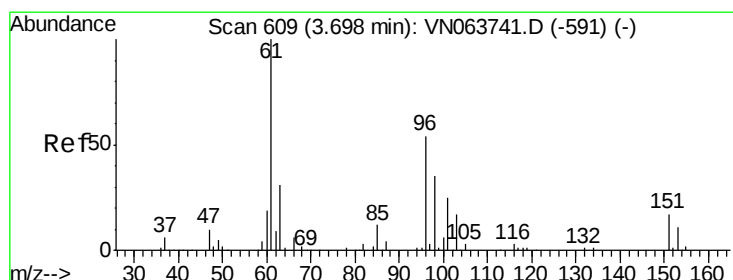
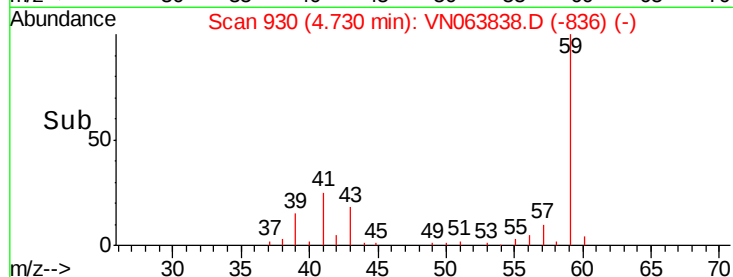
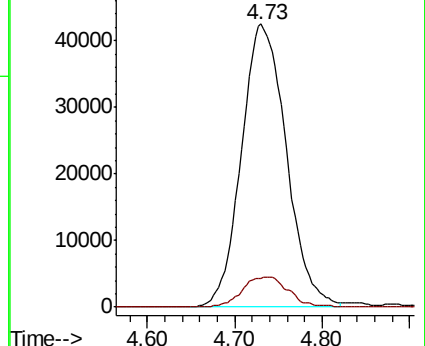
59 100

57 10.9 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VN063741.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN063741.D (-905) (-)



#12

1,1-Dichloroethene

Concen: 50.868 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

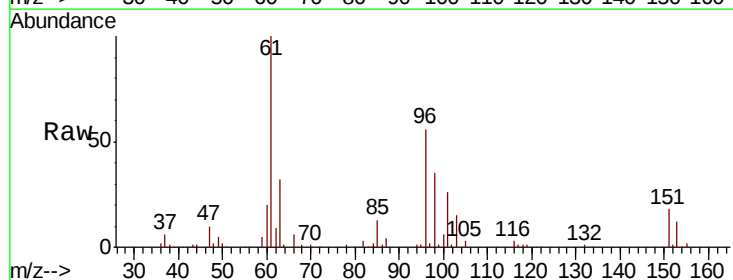
Tgt Ion: 96 Resp: 123768

Ion Ratio Lower Upper

96 100

61 178.9 147.7 221.5

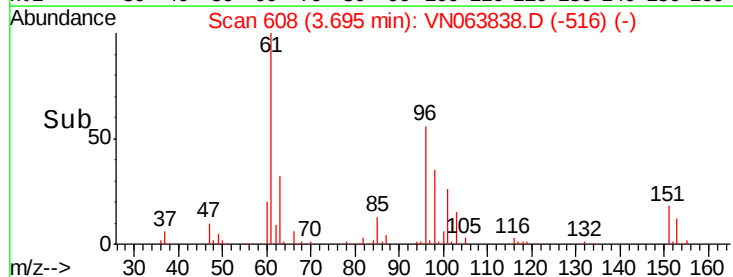
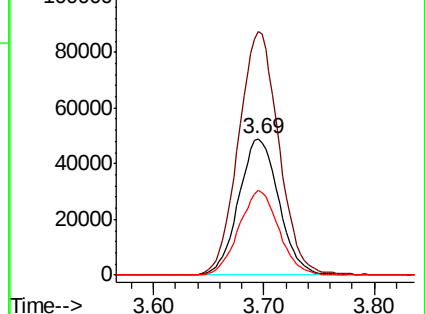
98 62.0 51.9 77.9

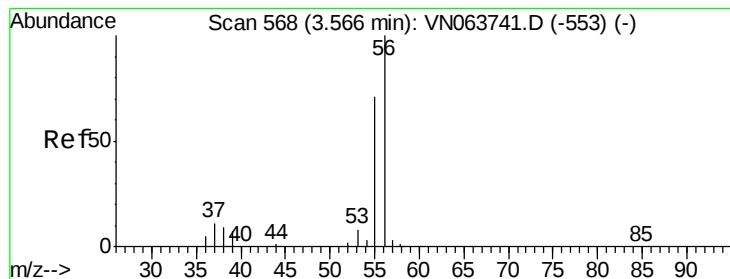


Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-591) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-591) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-591) (-)





#13

Acrolein

Concen: 268.733 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

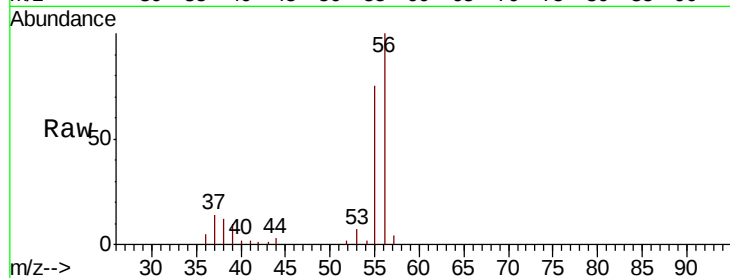
VSTDCCC050

Tot Ion: 56 Resp: 72687

Ion Ratio Lower Upper

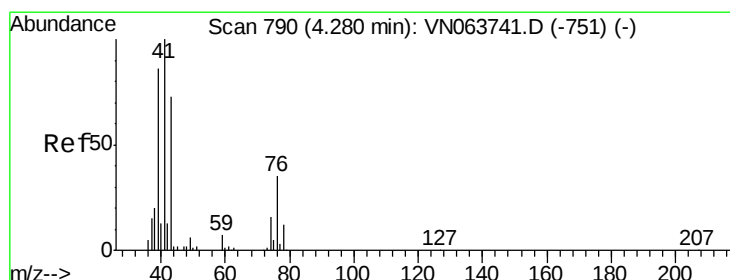
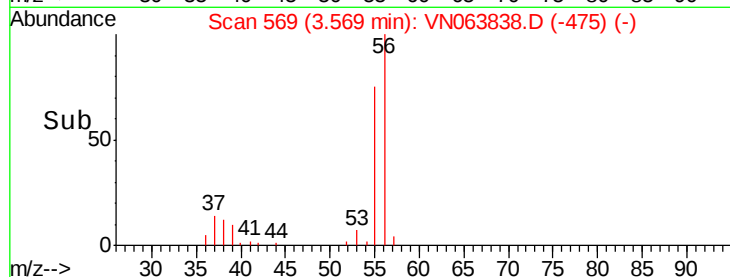
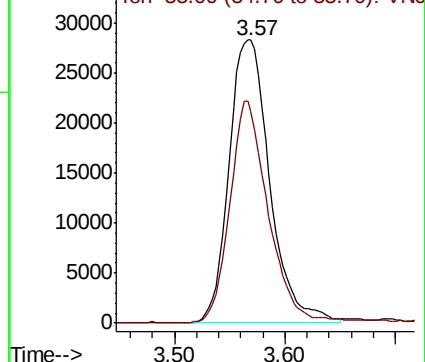
56 100

55 72.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.603 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

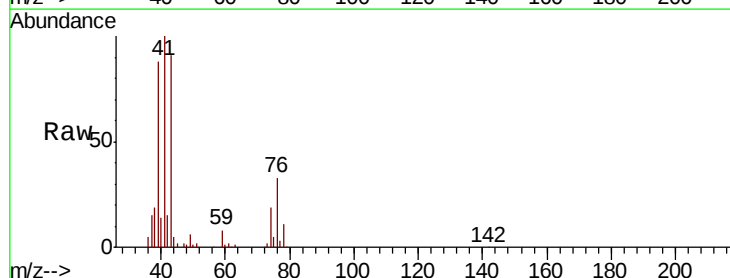
Tgt Ion: 41 Resp: 237775

Ion Ratio Lower Upper

41 100

39 79.2 64.5 96.7

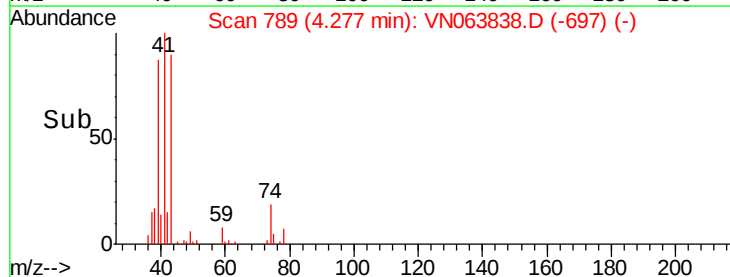
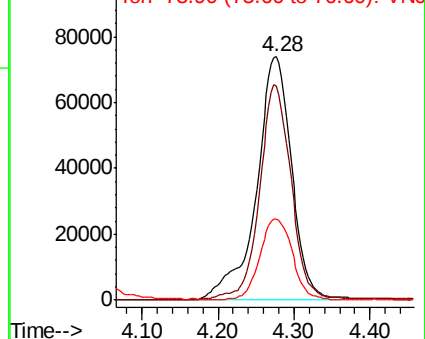
76 30.2 25.9 38.9

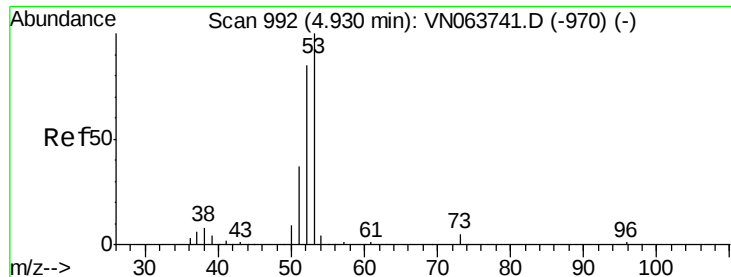


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 300.321 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

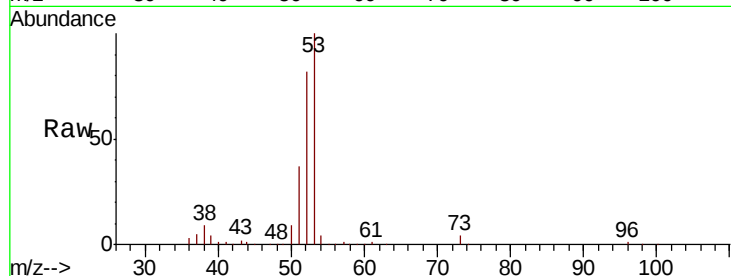
Tot Ion: 53 Resp: 378853

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

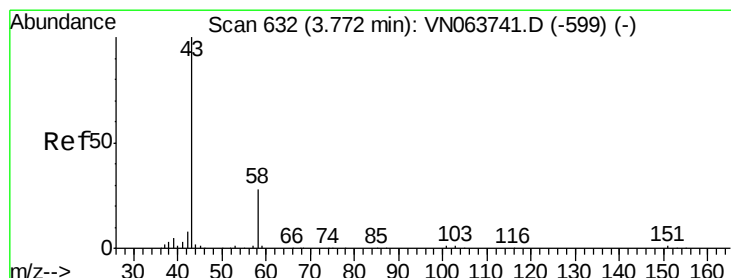
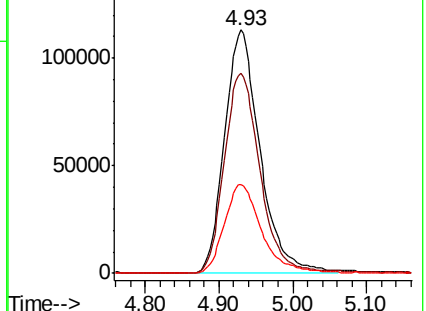
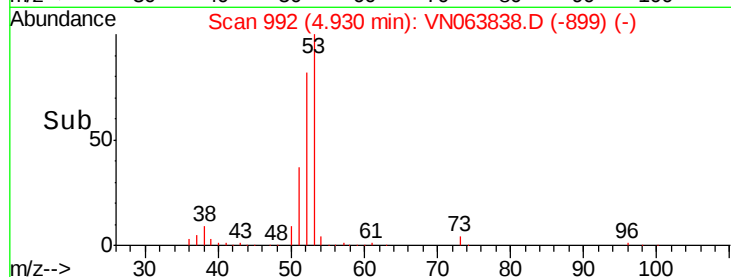
51 38.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063838.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063838.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063838.D (-899) (-)



#16

Acetone

Concen: 294.218 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063838.D

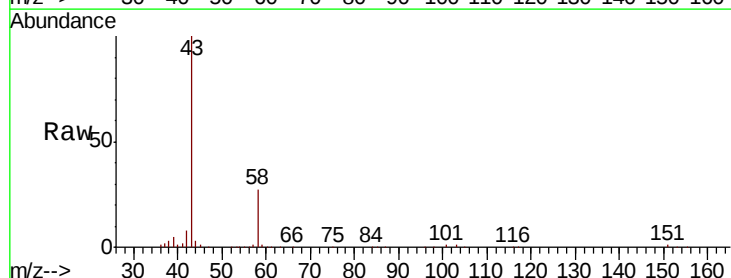
Acq: 2 Oct 2020 22:20

Tgt Ion: 43 Resp: 361535

Ion Ratio Lower Upper

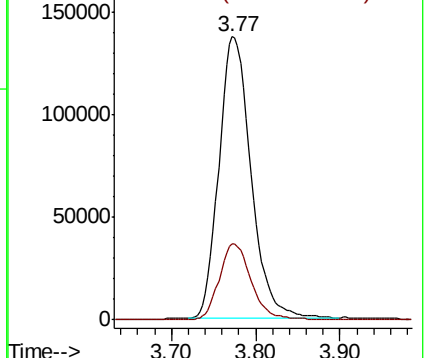
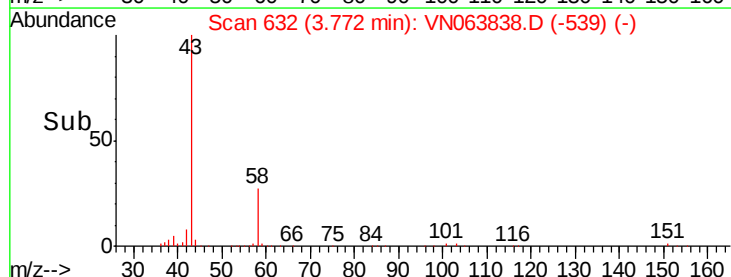
43 100

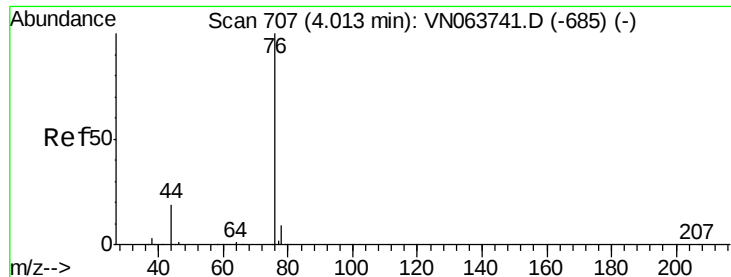
58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063838.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063838.D (-539) (-)

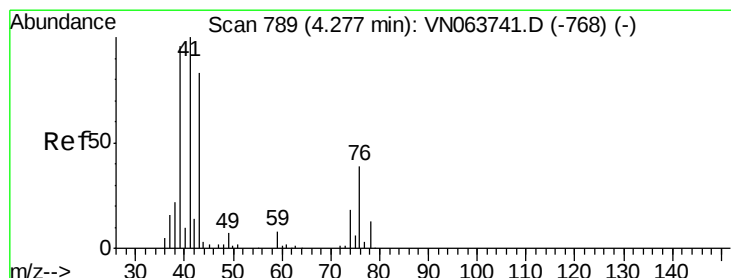
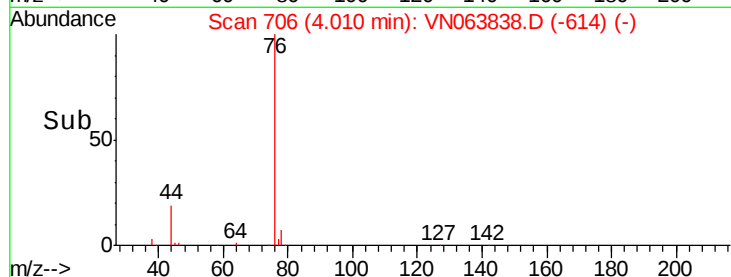
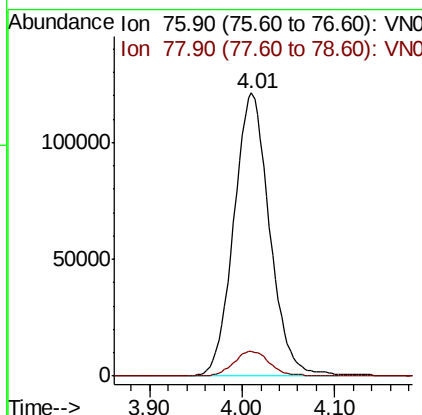
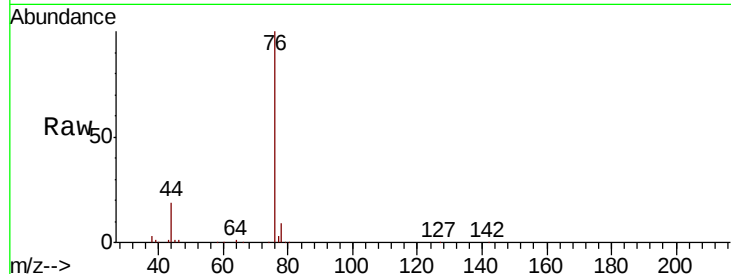




#17
Carbon Disulfide
Concen: 49.338 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

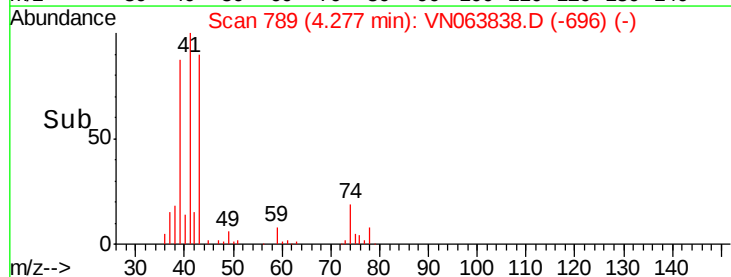
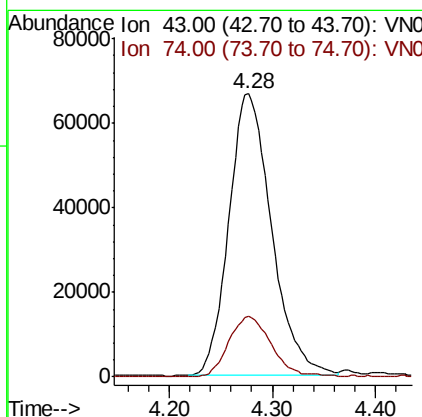
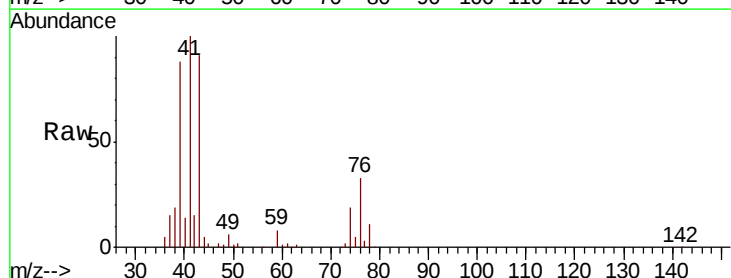
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

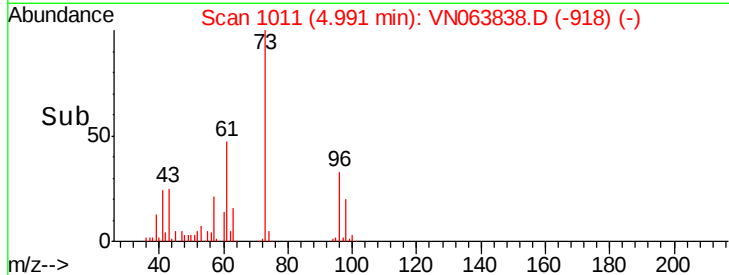
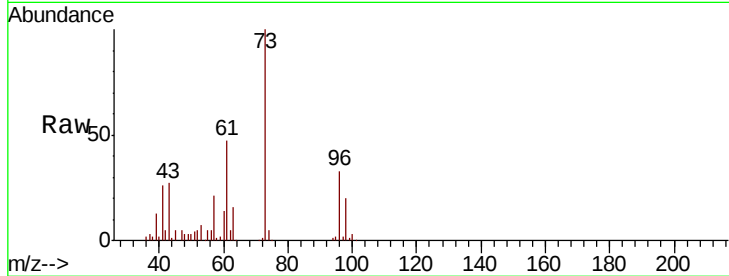
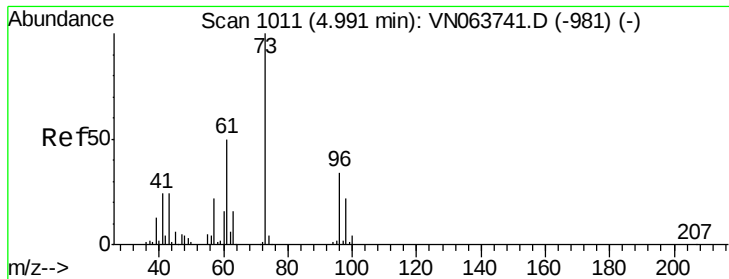
Tot Ion: 76 Resp: 324394
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 60.242 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 43 Resp: 192198
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.2



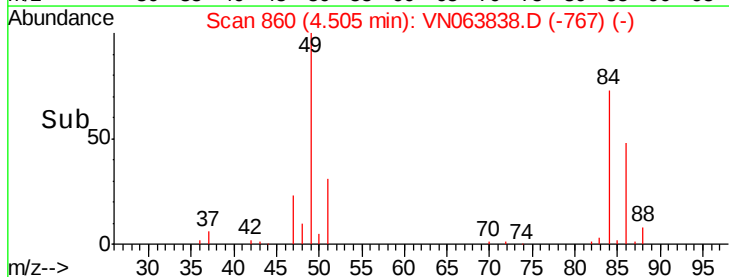
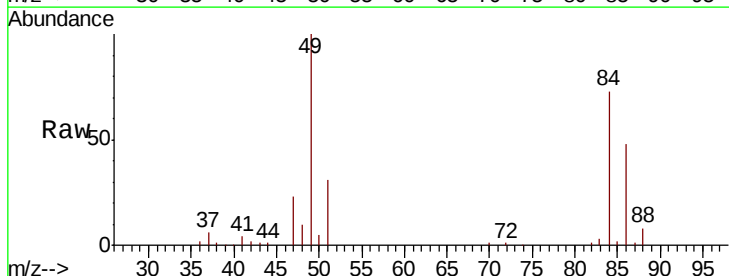
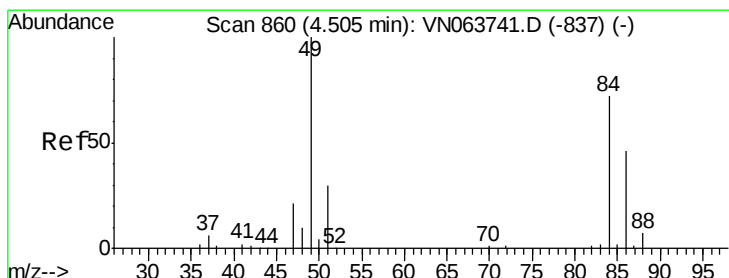
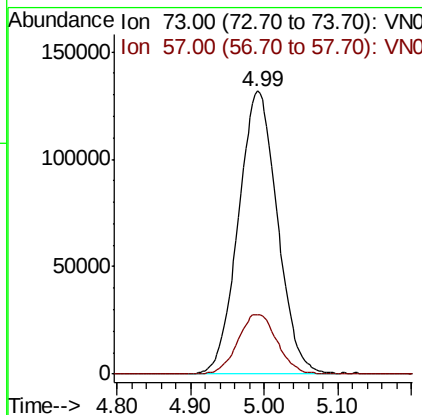


#19

Methyl tert-butyl Ether
 Concen: 55.006 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

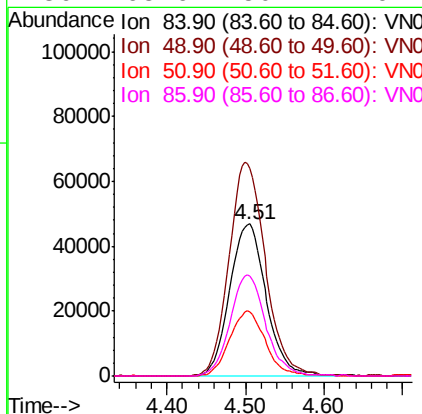
Tot Ion: 73 Resp: 486237
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.6 26.4

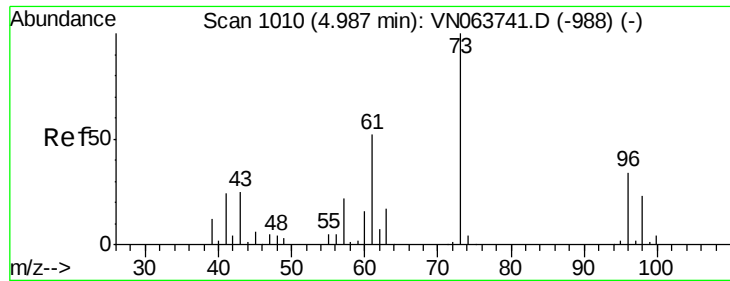


#20

Methylene Chloride
 Concen: 53.999 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 84 Resp: 152006
 Ion Ratio Lower Upper
 84 100
 49 137.0 110.4 165.6
 51 42.5 33.3 49.9
 86 65.6 50.7 76.1

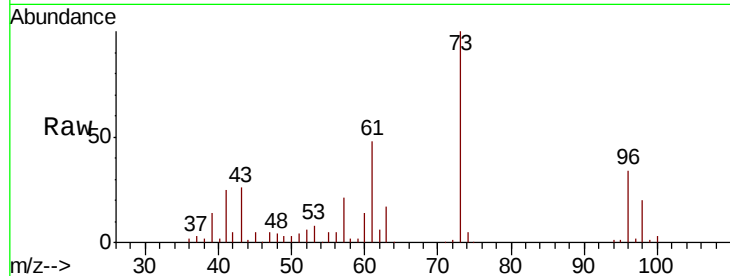




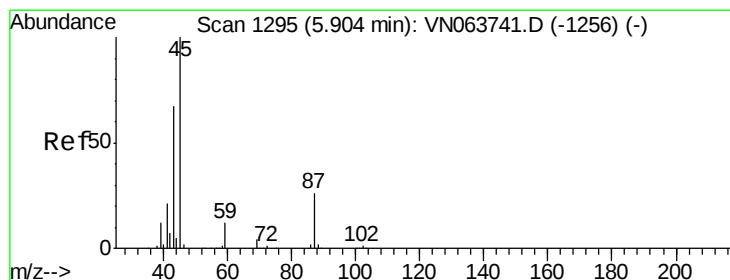
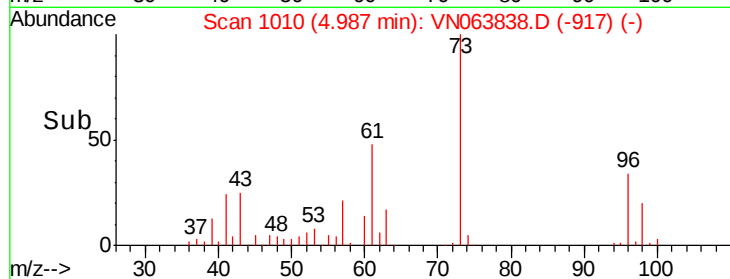
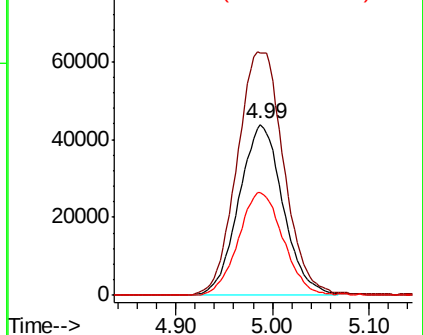
#21
trans-1,2-Dichloroethene
Concen: 51.117 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 139309
Ion Ratio Lower Upper
96 100
61 141.9 120.2 180.2
98 60.1 52.6 79.0

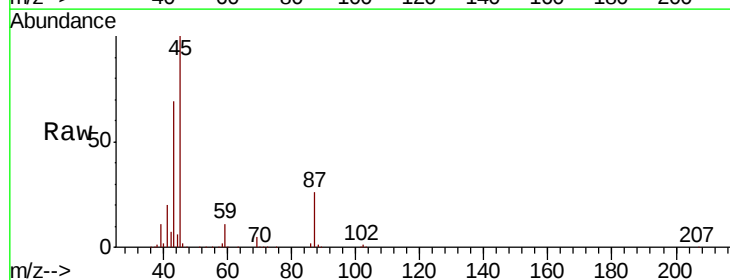


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

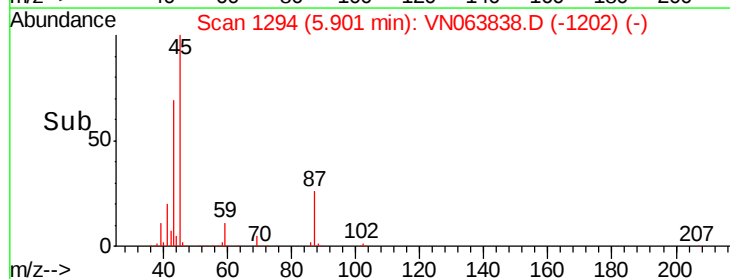
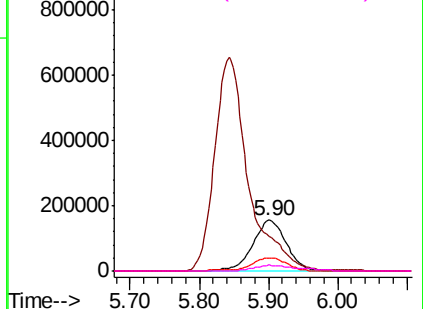


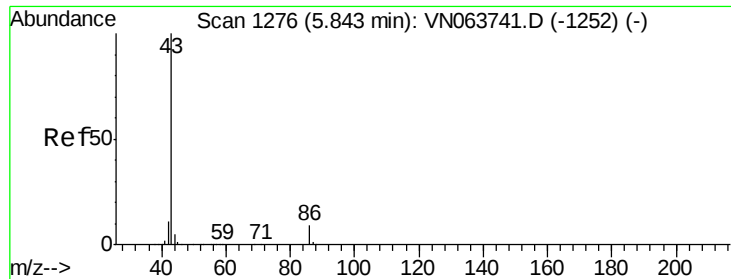
#22
Diisopropyl ether
Concen: 56.320 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 45 Resp: 523776
Ion Ratio Lower Upper
45 100
43 67.4 53.7 80.5
87 25.9 21.1 31.7
59 11.1 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

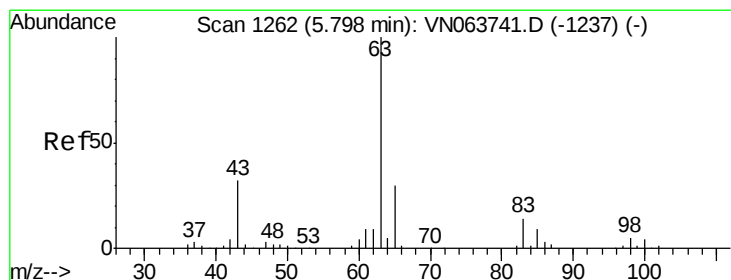
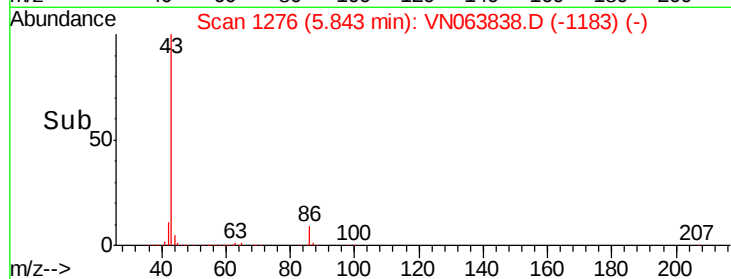
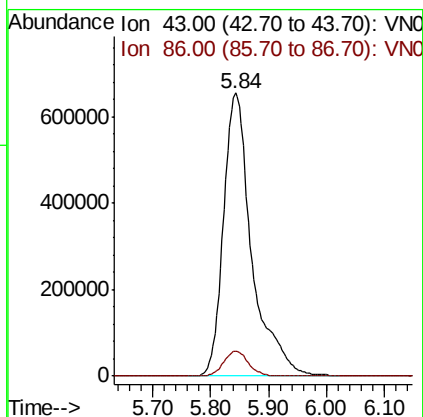
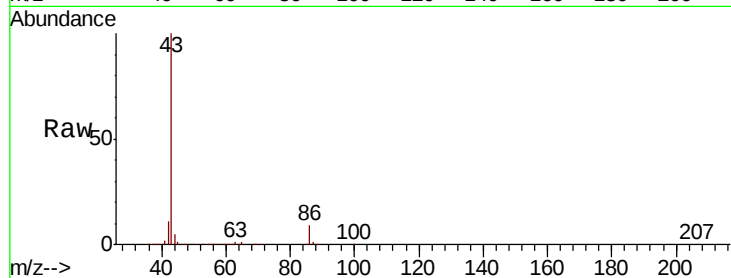




#23
 Vinyl Acetate
 Concen: 287.868 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

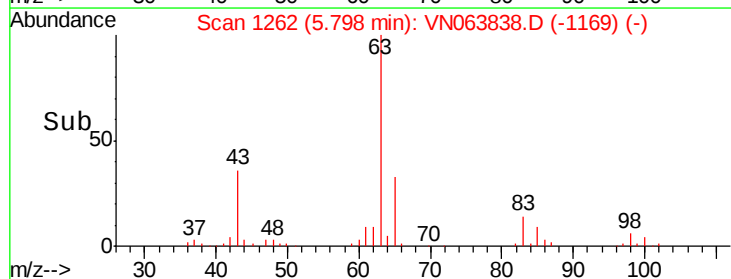
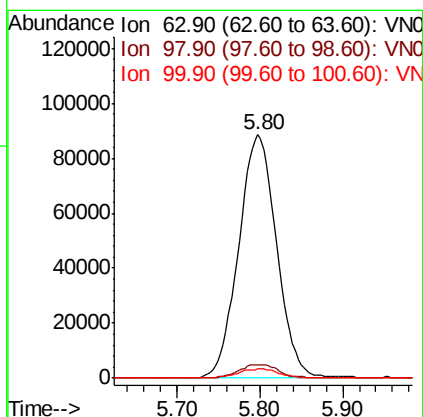
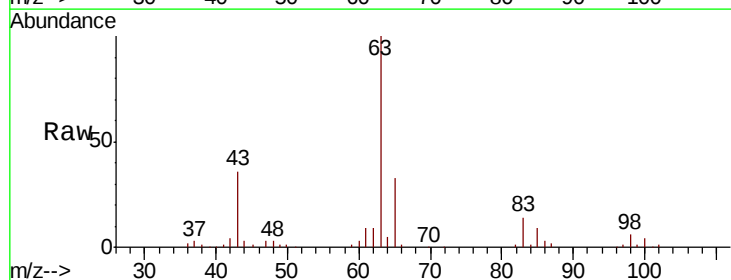
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

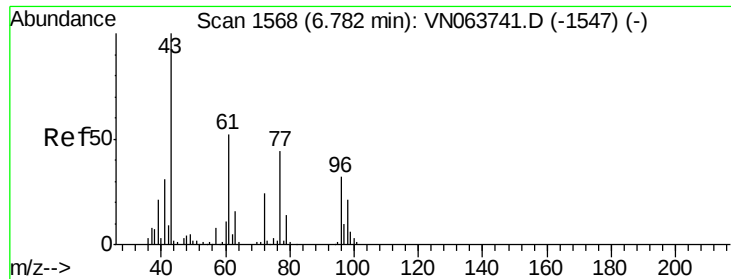
Tot Ion: 43 Resp: 2217679
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 52.849 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 63 Resp: 281026
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.7 8.1
 100 3.7 1.9 5.7

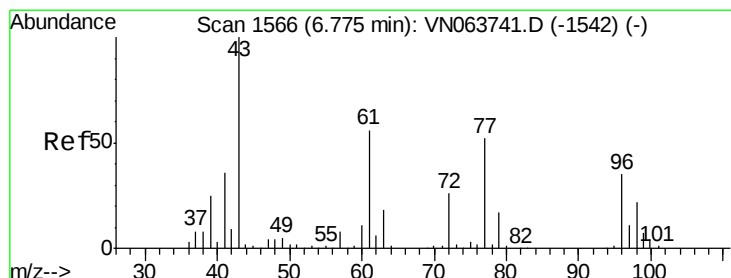
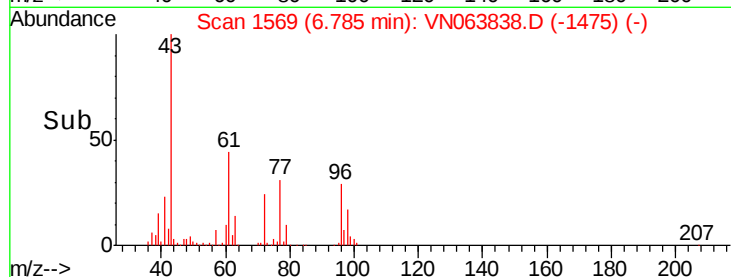
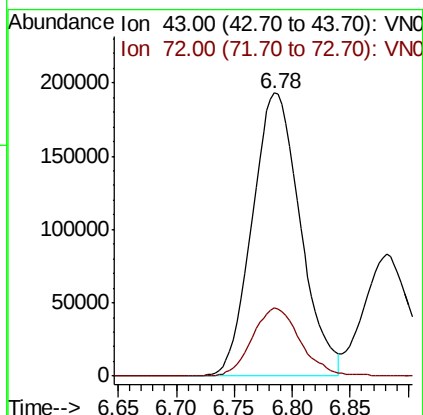
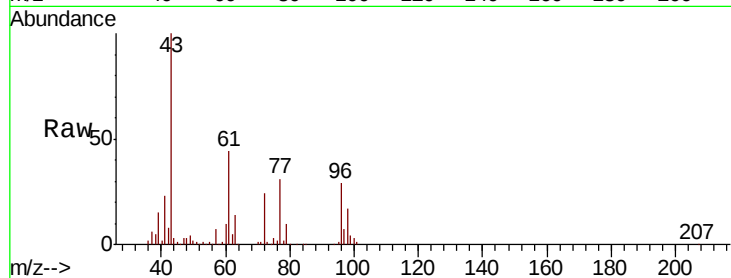




#25
2-Butanone
Concen: 318.875 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

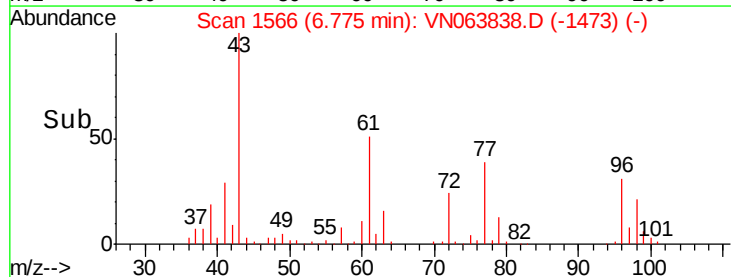
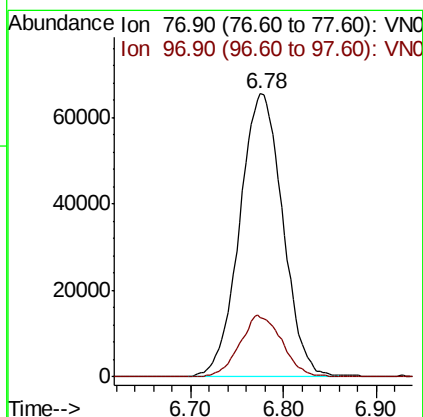
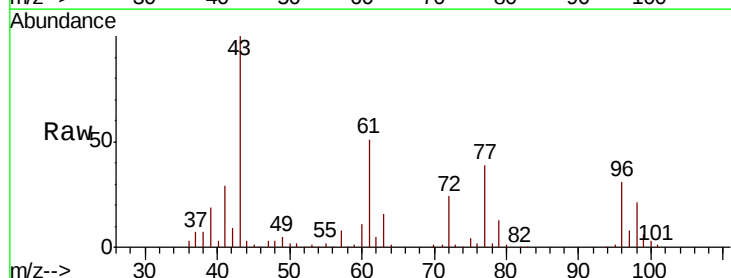
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

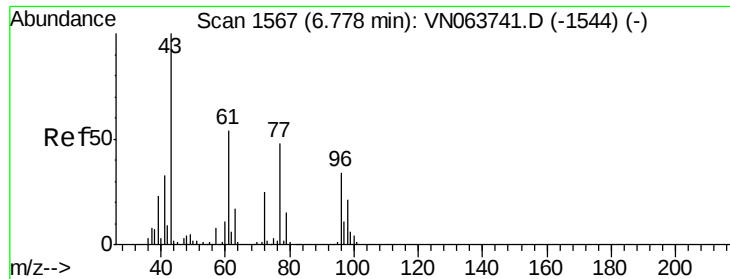
Tot Ion: 43 Resp: 55522
Ion Ratio Lower Upper
43 100
72 24.1 19.3 28.9



#26
2,2-Dichloropropane
Concen: 43.156 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 77 Resp: 210153
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.186 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

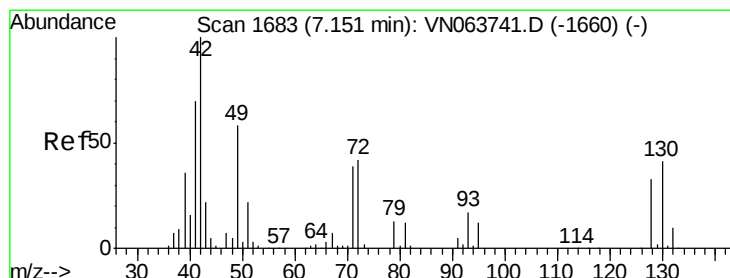
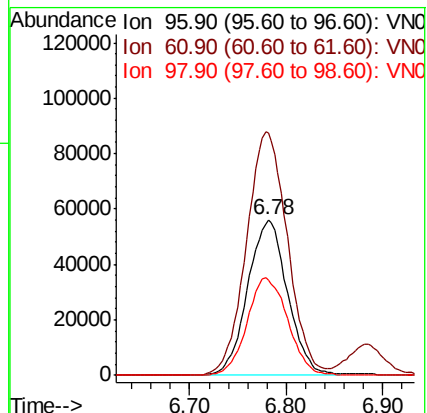
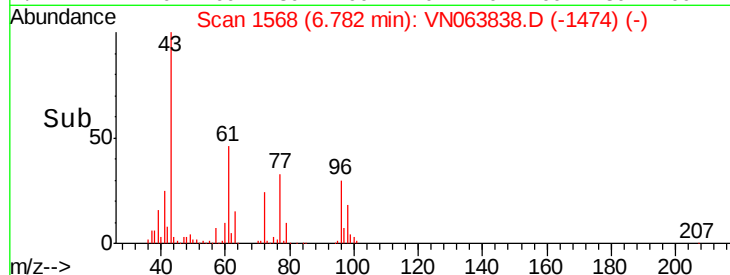
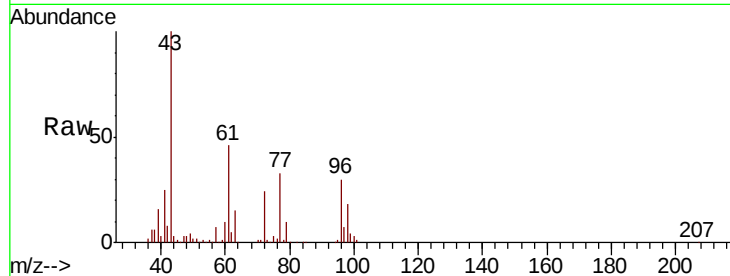
Tot Ion: 96 Resp: 160436

Ion Ratio Lower Upper

96 100

61 161.3 0.0 321.2

98 64.1 0.0 124.4



#28

Bromochloromethane

Concen: 55.422 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

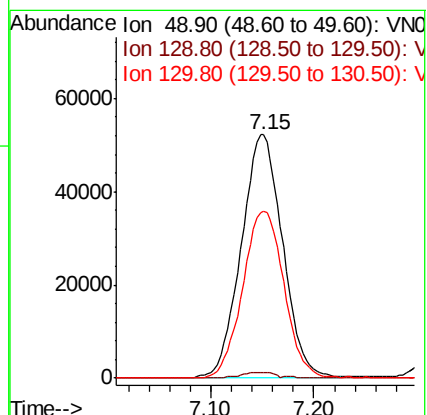
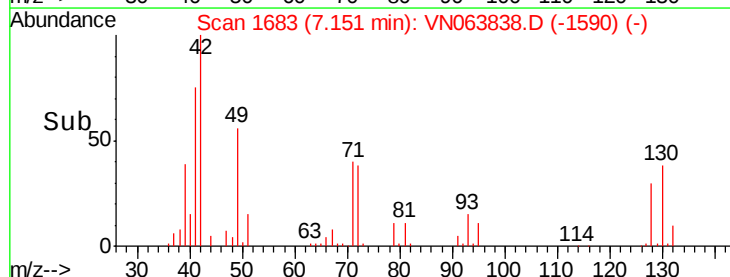
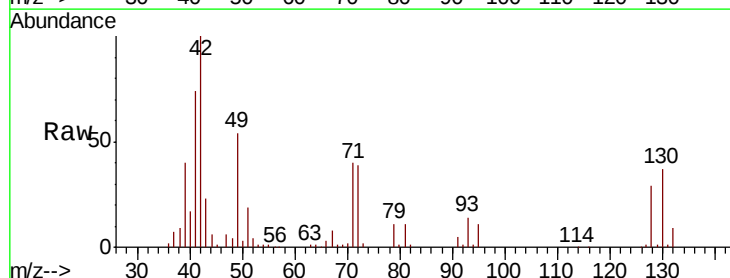
Tgt Ion: 49 Resp: 145660

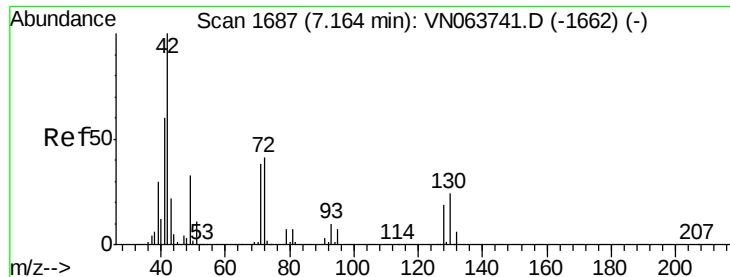
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

130 68.4 55.6 83.4

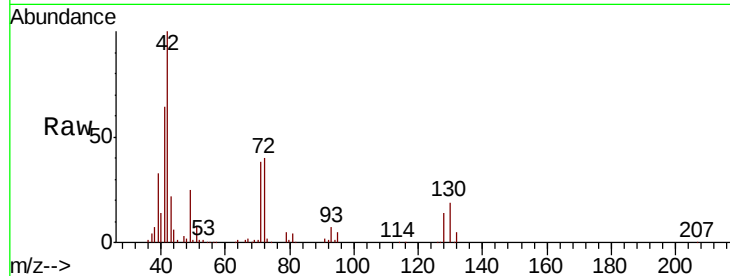




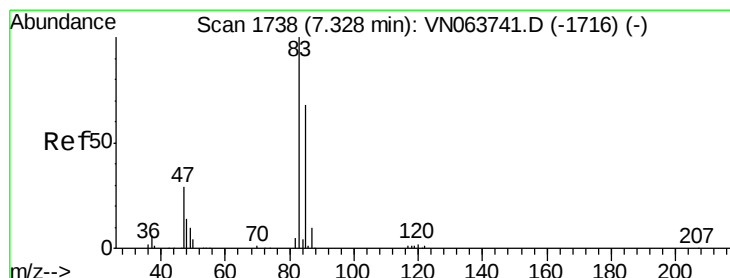
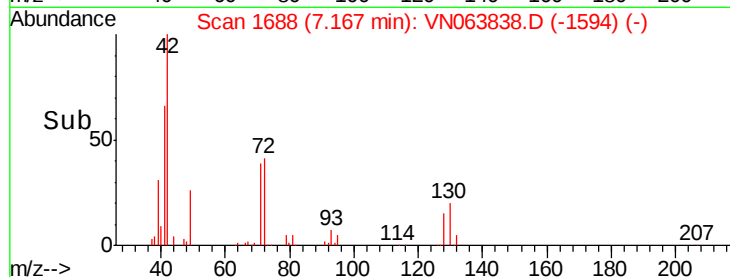
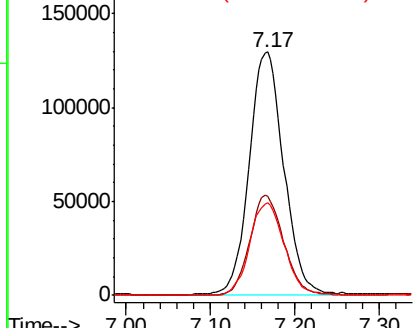
#29
Tetrahydrofuran
Concen: 314.713 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 367723
Ion Ratio Lower Upper
42 100
72 40.8 32.8 49.2
71 38.4 30.6 45.8

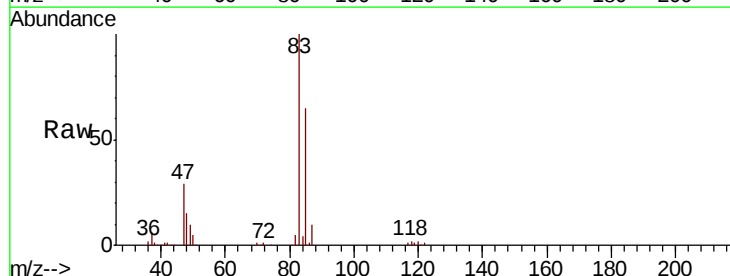


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

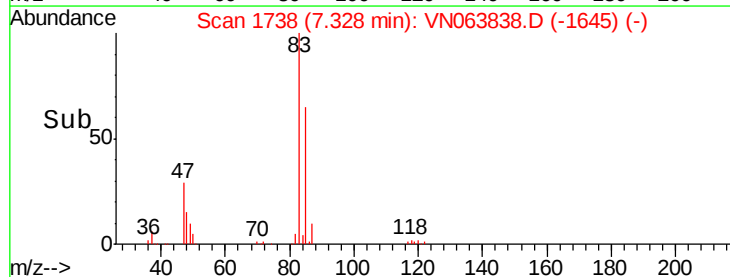
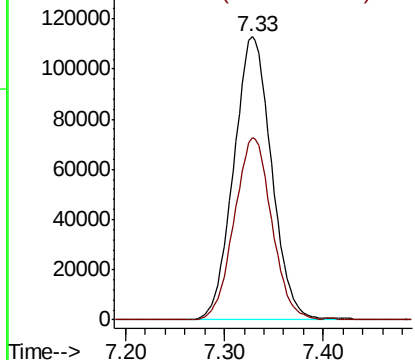


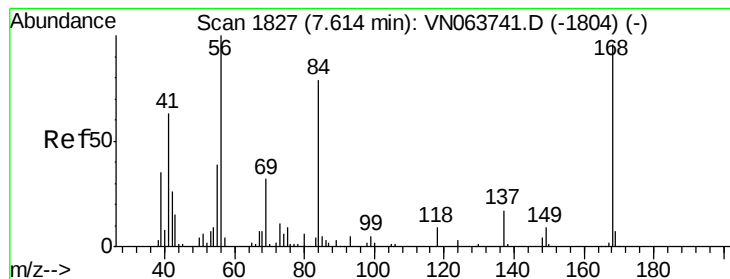
#30
Chloroform
Concen: 53.919 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 83 Resp: 298951
Ion Ratio Lower Upper
83 100
85 64.6 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: 47.582 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

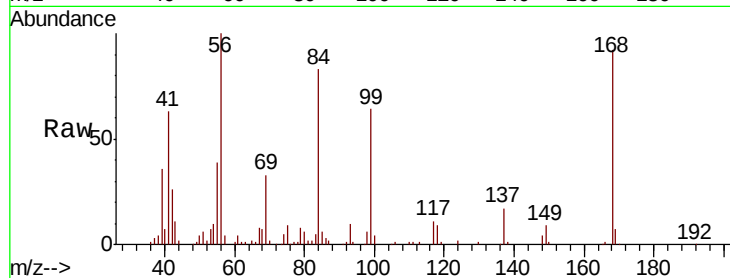
Tot Ion: 56 Resp: 220505

Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

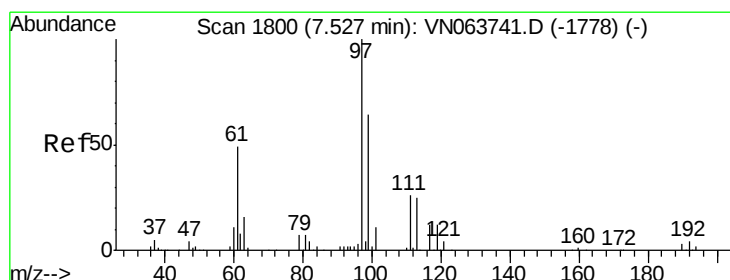
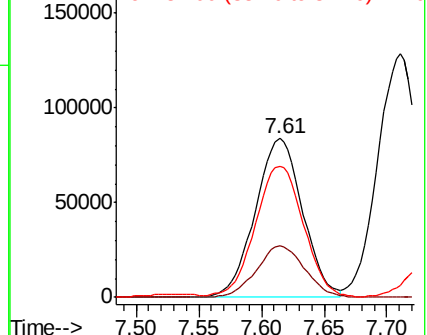
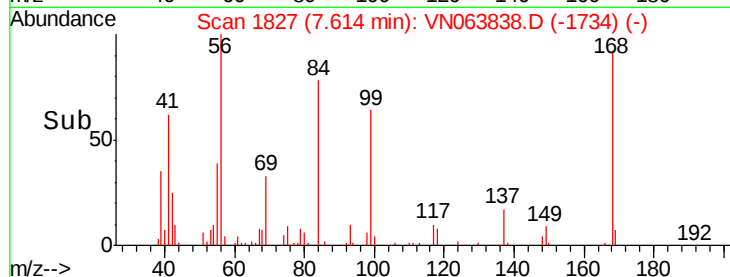
84 80.9 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063838.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063838.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063838.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 53.729 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

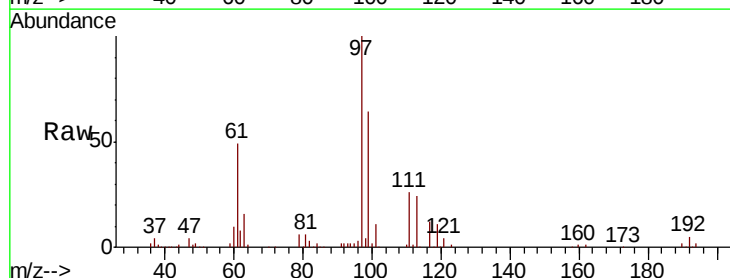
Tgt Ion: 97 Resp: 268698

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

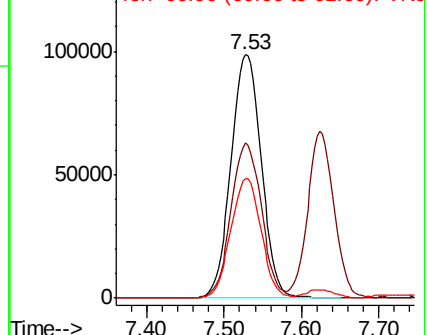
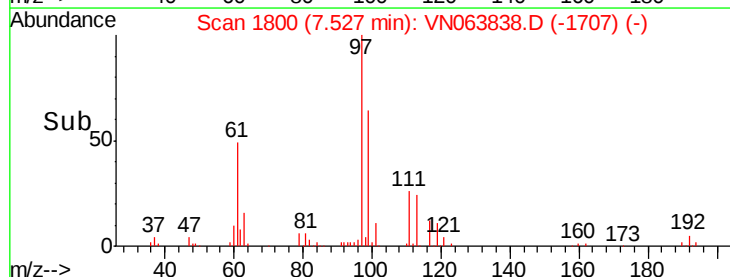
61 49.0 38.7 58.1

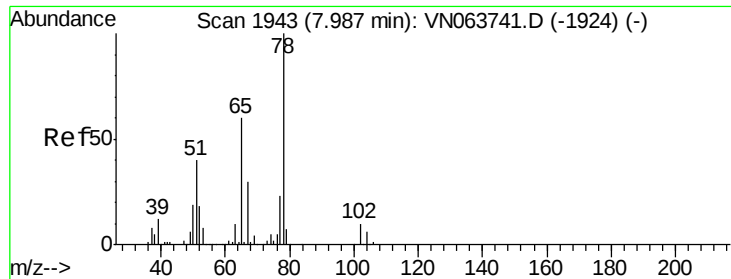


Abundance Ion 96.90 (96.60 to 97.60): VN063838.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063838.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063838.D (-1707) (-)

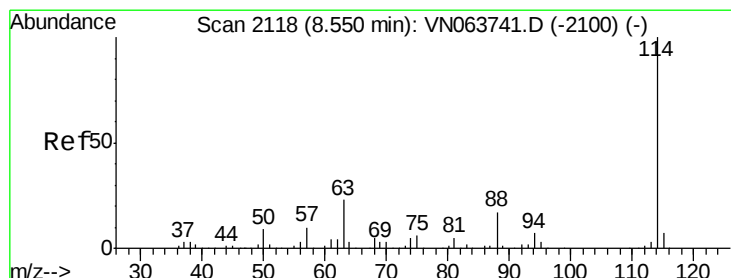
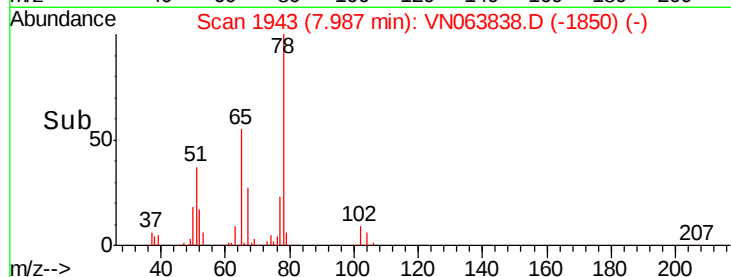
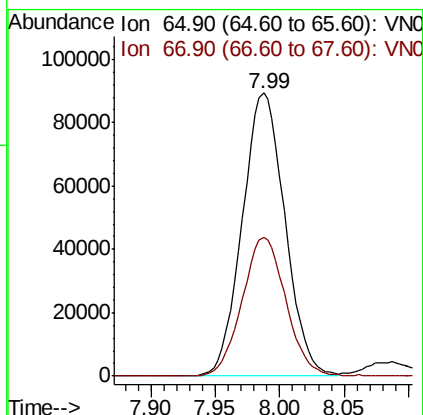
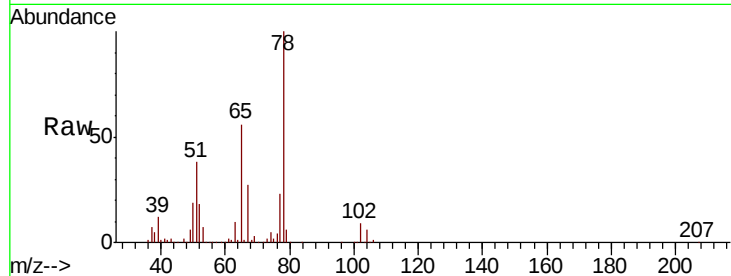




#33
 1,2-Dichloroethane-d4
 Concen: 51.724 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

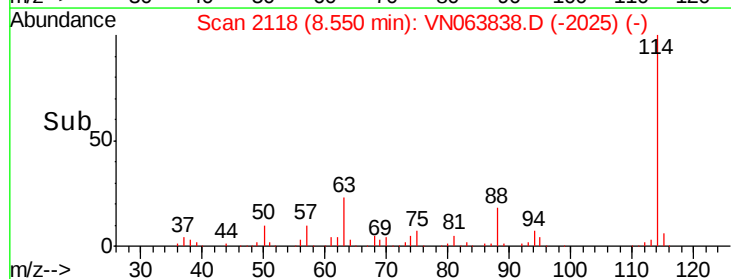
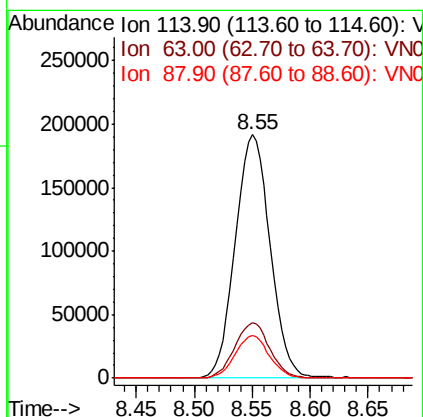
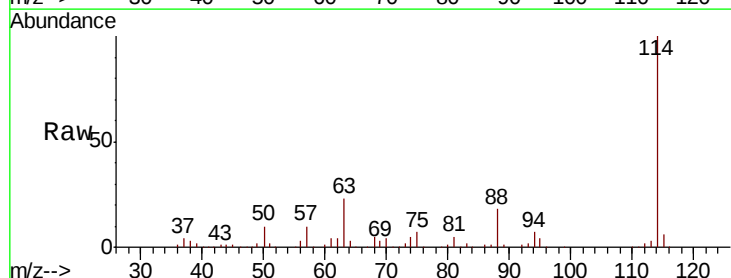
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 206471
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 114 Resp: 401100
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 17.5 0.0 34.0

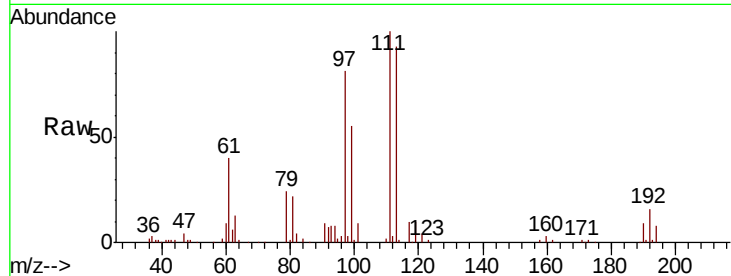




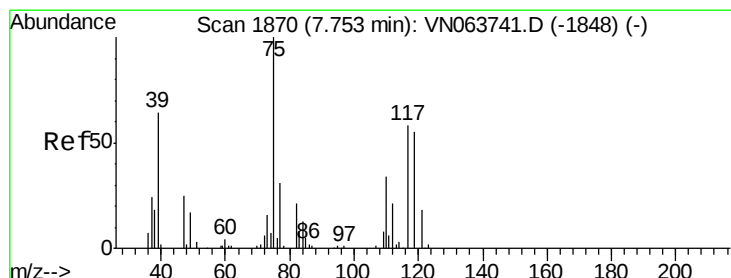
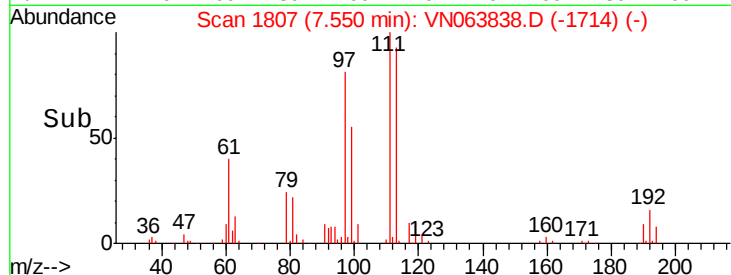
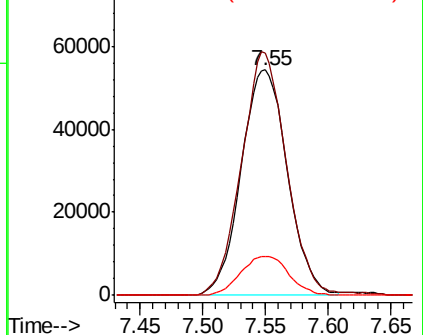
#35
 Dibromofluoromethane
 Concen: 50.110 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 139462
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.8 122.8
 192 18.1 14.2 21.2

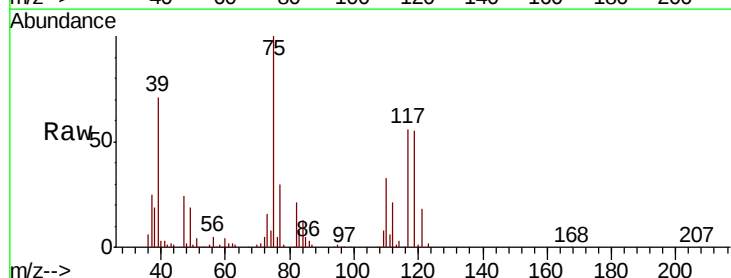


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

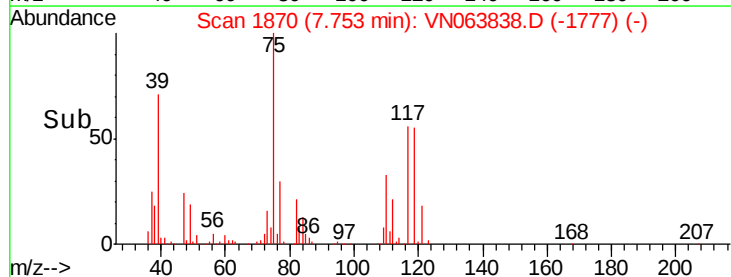
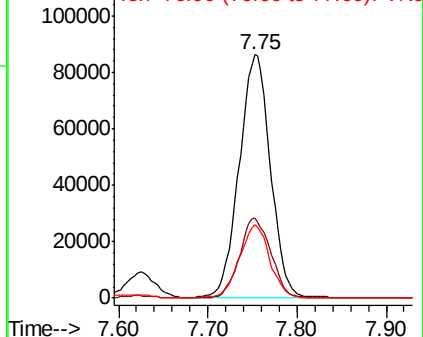


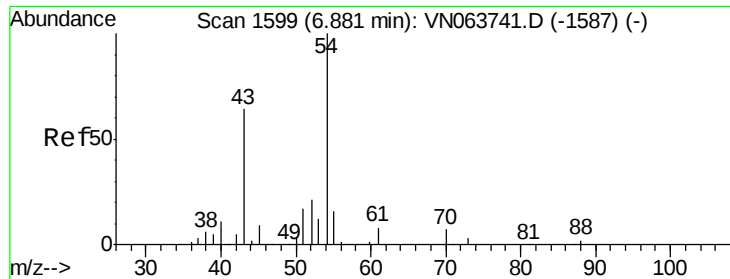
#36
 1,1-Dichloropropene
 Concen: 51.343 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 75 Resp: 208636
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.9 50.6
 77 29.5 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

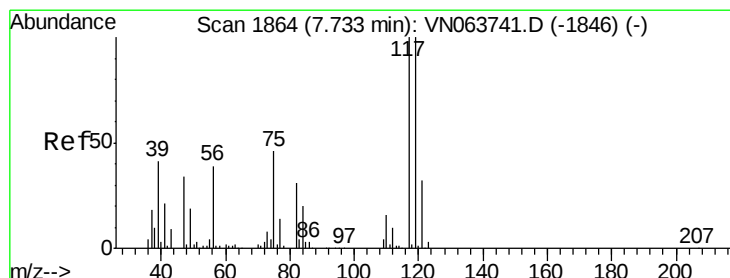
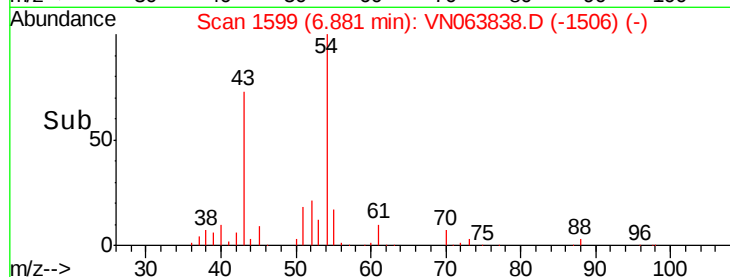
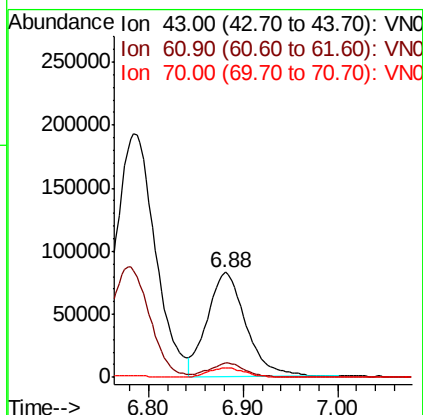
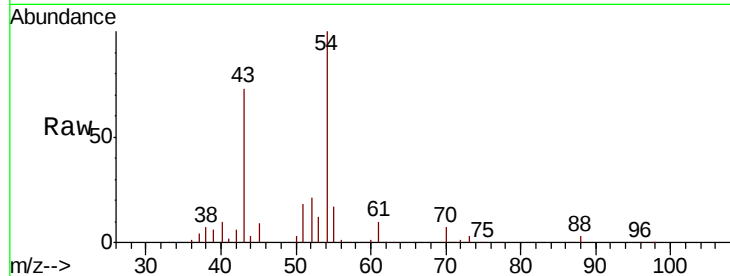




#37
Ethyl Acetate
Concen: 58.222 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

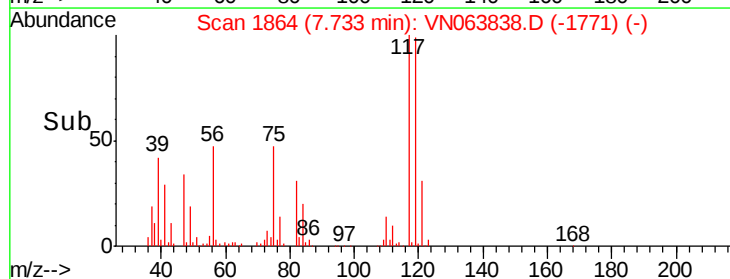
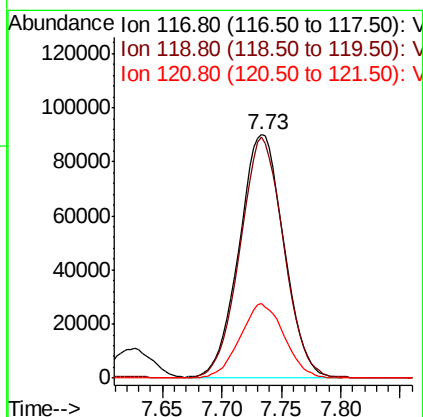
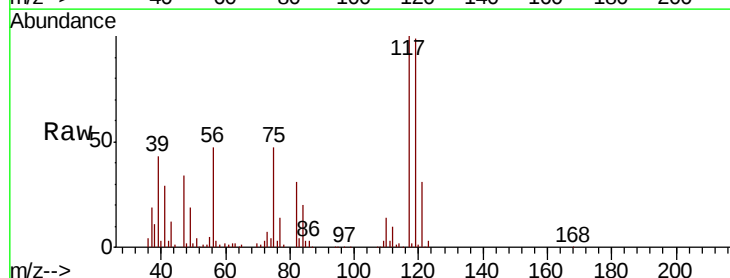
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

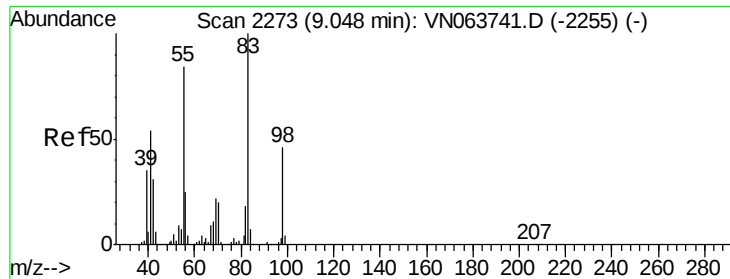
Tot Ion: 43 Resp: 235051
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 51.031 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 117 Resp: 232531
Ion Ratio Lower Upper
117 100
119 99.3 80.1 120.1
121 30.7 25.7 38.5

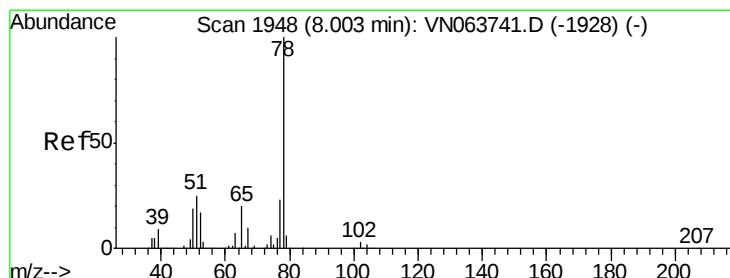
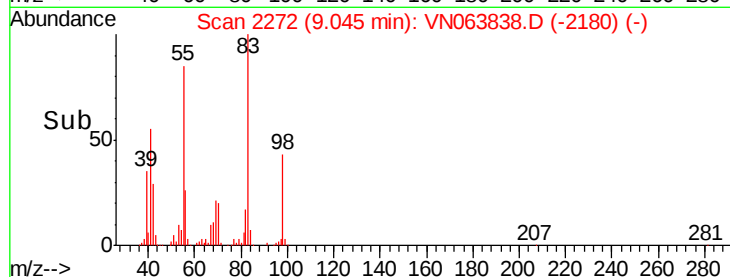
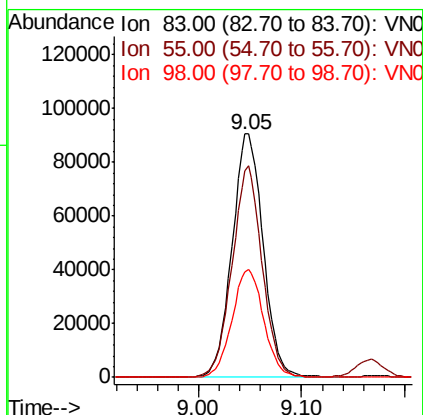
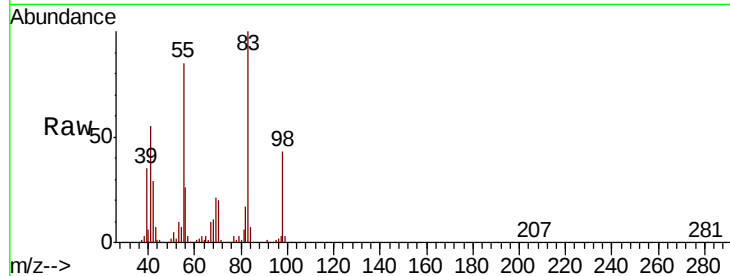




#39
Methvlcvclohexane
Concen: 46.878 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

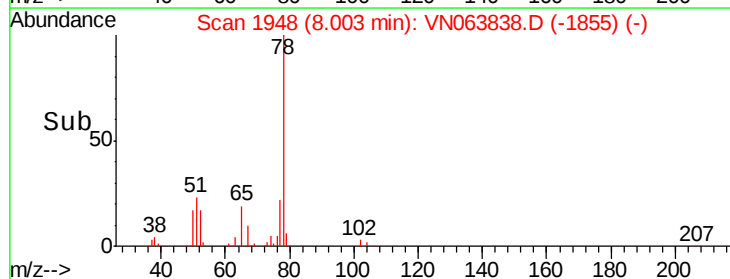
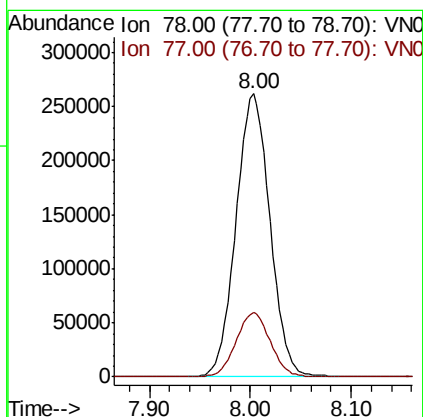
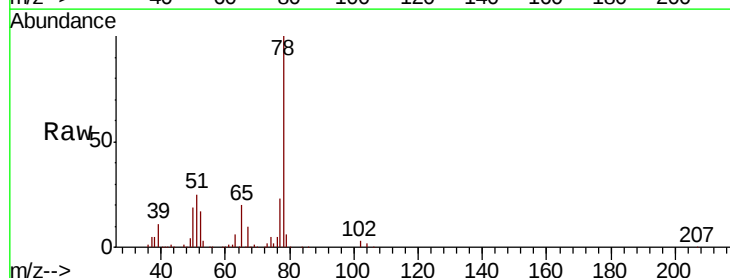
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

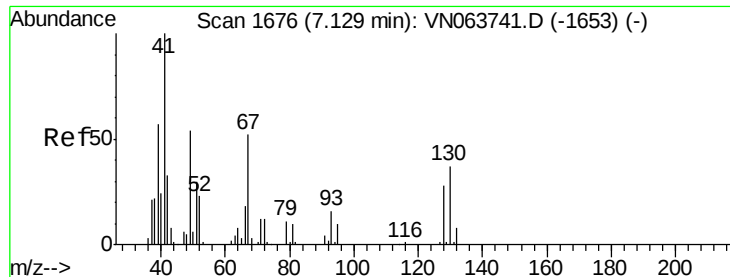
Tot Ion: 83 Resp: 189963
Ion Ratio Lower Upper
83 100
55 84.6 67.1 100.7
98 43.4 36.6 54.8



#40
Benzene
Concen: 52.617 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 78 Resp: 610692
Ion Ratio Lower Upper
78 100
77 22.6 18.7 28.1

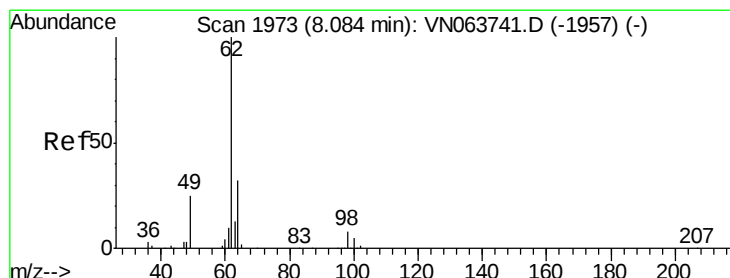
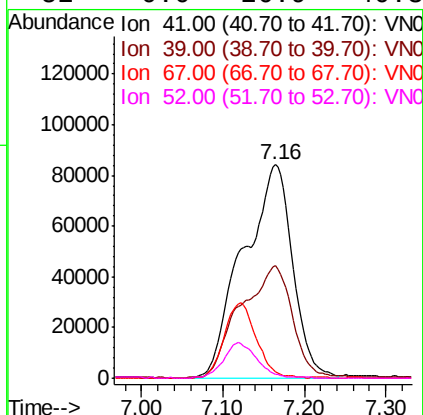
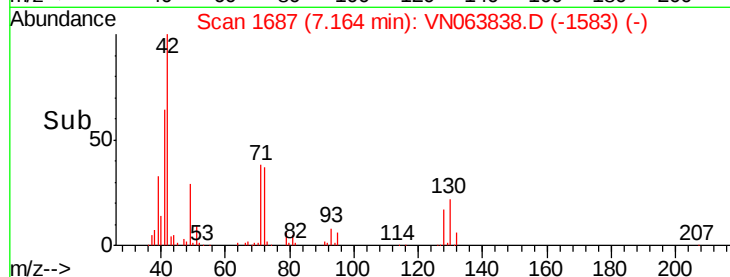
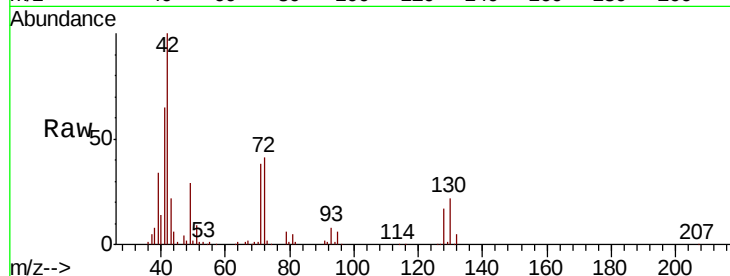




#41
Methacrylonitrile
Concen: 197.870 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

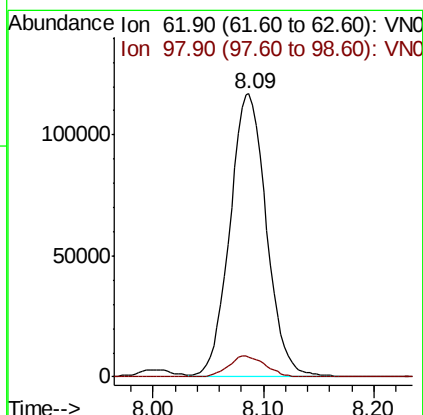
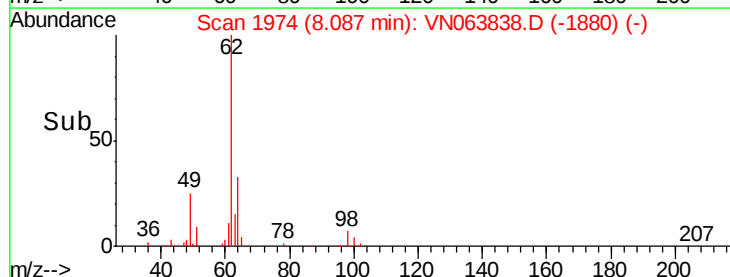
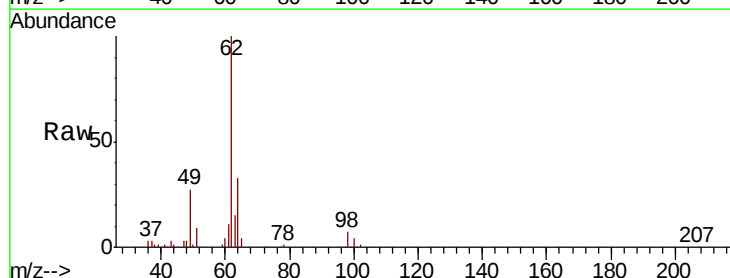
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

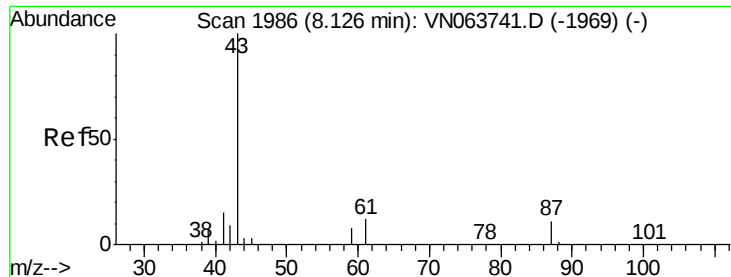
Tot Ion: 41 Resp: 355035
Ion Ratio Lower Upper
41 100
39 55.4 42.5 63.7
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 53.867 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 62 Resp: 266878
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.0

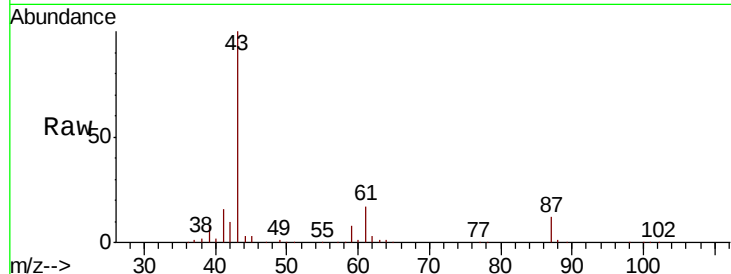




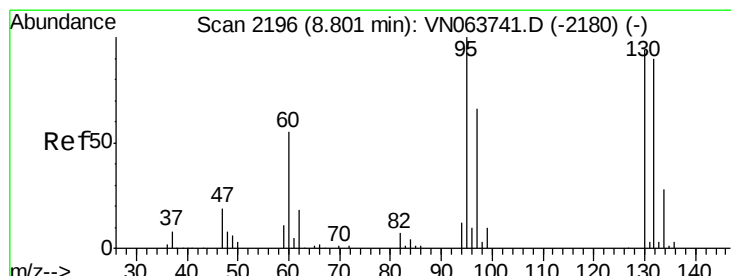
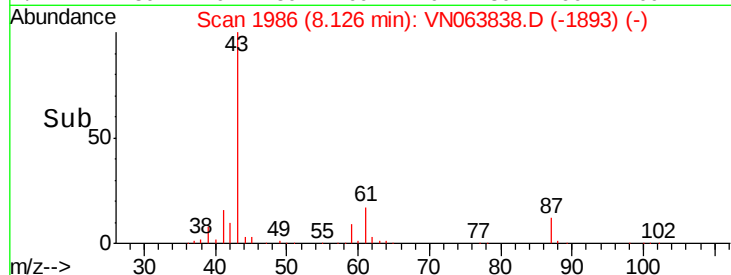
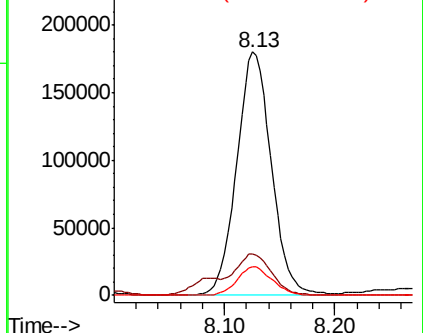
#43
Isopropyl Acetate
Concen: 58.623 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 390378
Ion Ratio Lower Upper
43 100
61 17.8 14.2 21.4
87 11.9 9.0 13.6

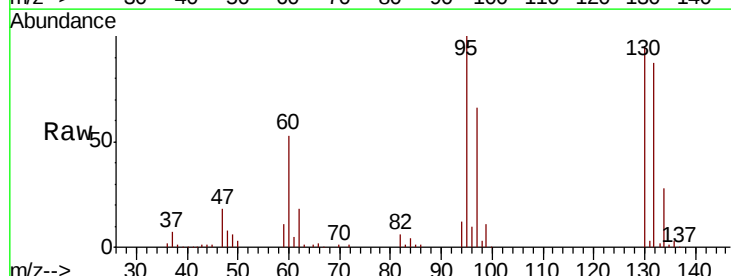


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

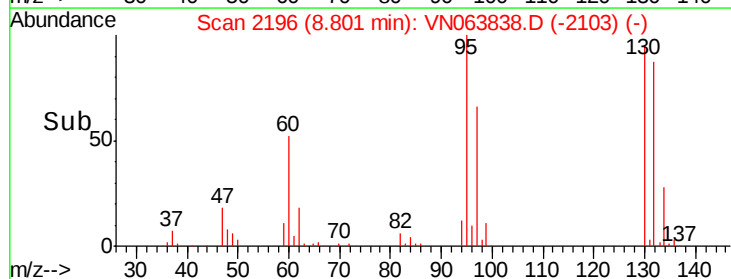
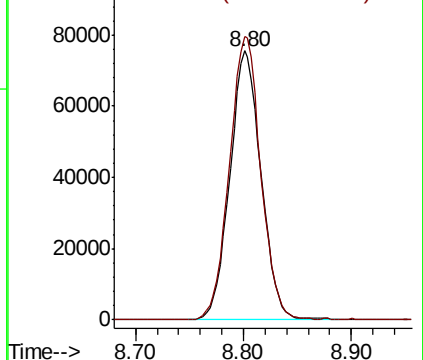


#44
Trichloroethene
Concen: 50.029 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:130 Resp: 152140
Ion Ratio Lower Upper
130 100
95 105.2 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

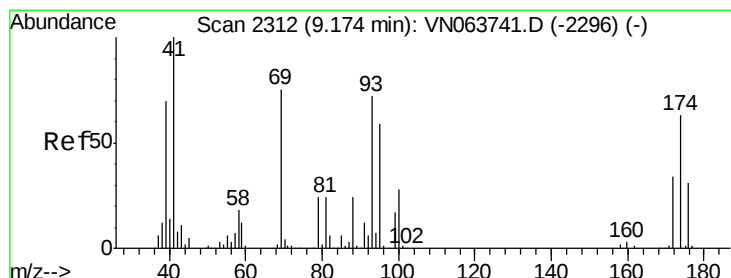
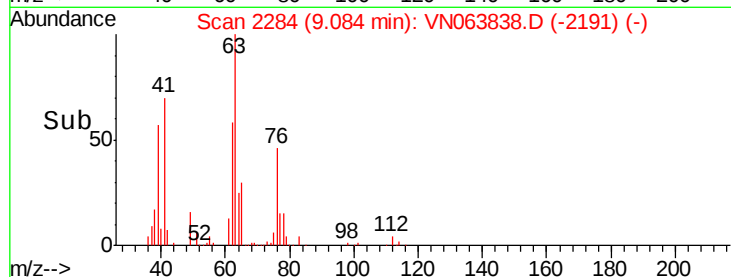
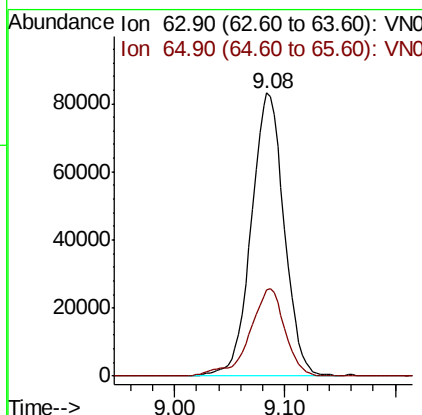
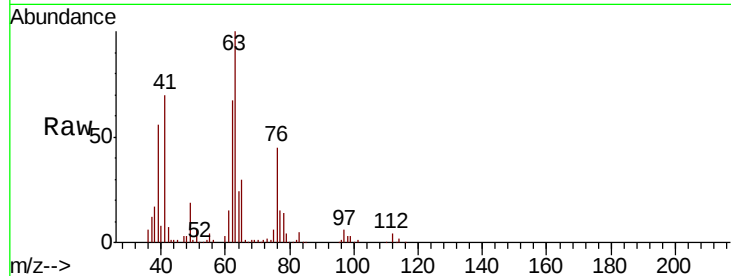




#45
 1,2-Dichloropropane
 Concen: 54.666 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

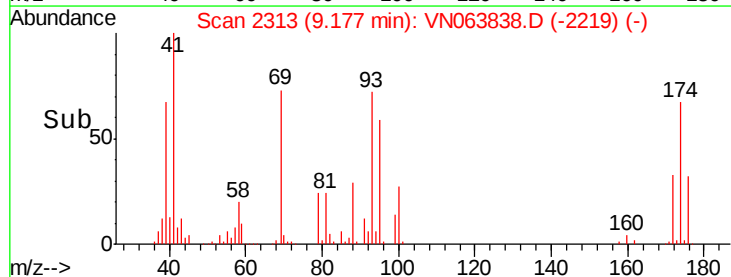
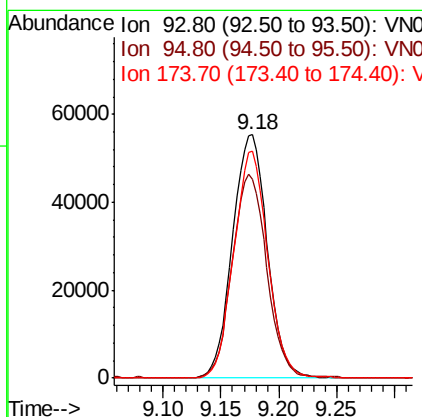
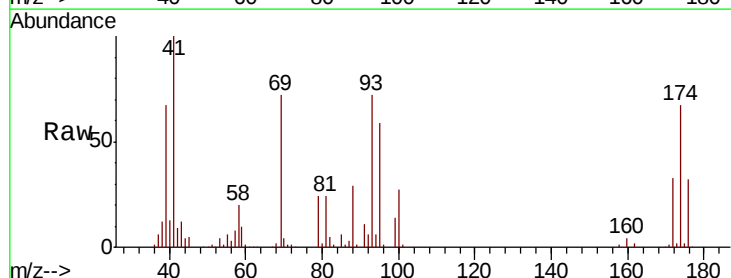
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

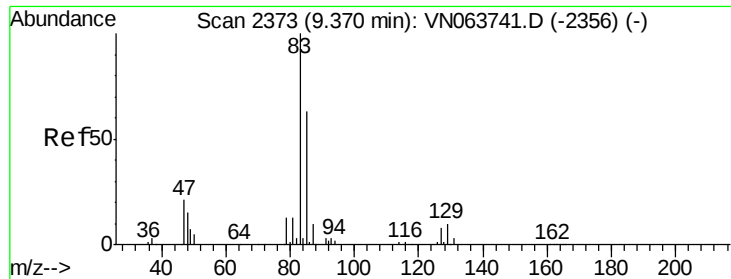
Tot Ion: 63 Resp: 171352
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 53.548 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 93 Resp: 115790
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 90.2 72.7 109.1





#47

Bromodichloromethane

Concen: 53.588 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

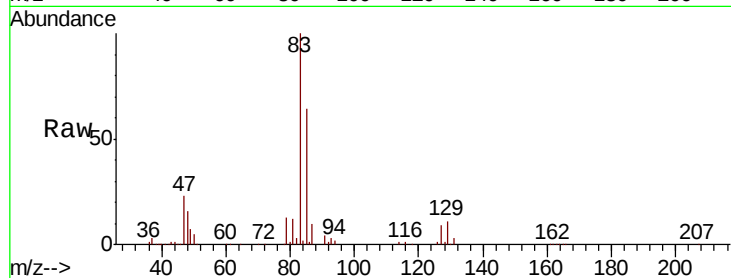
Tot Ion: 83 Resp: 238815

Ion Ratio Lower Upper

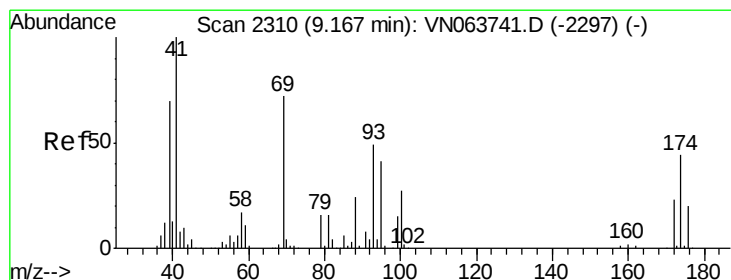
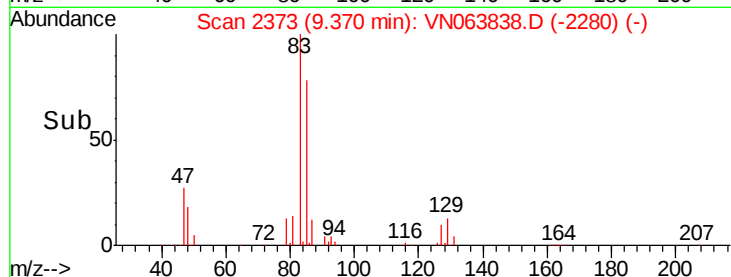
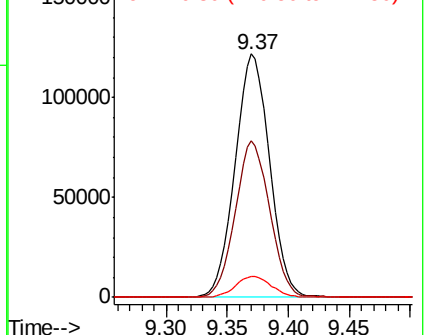
83 100

85 64.3 50.6 75.8

127 8.5 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: 61.646 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

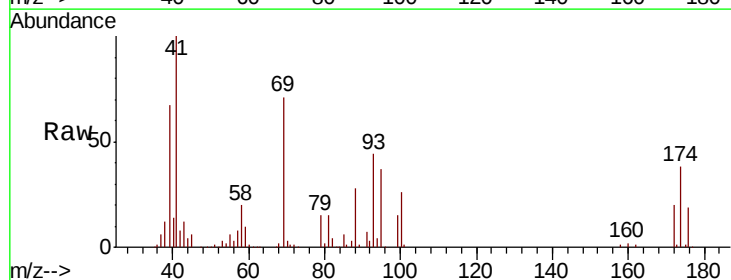
Tgt Ion: 41 Resp: 202816

Ion Ratio Lower Upper

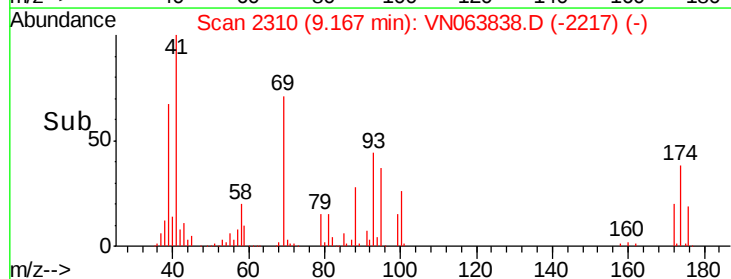
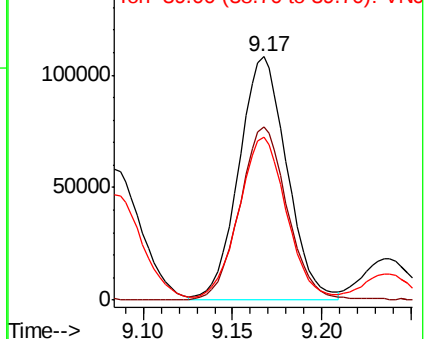
41 100

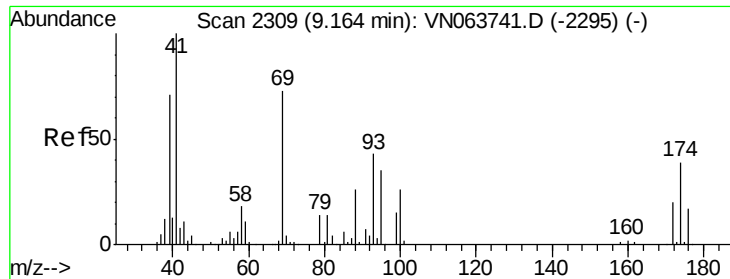
69 71.1 60.9 91.3

39 66.8 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: 1353.566 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

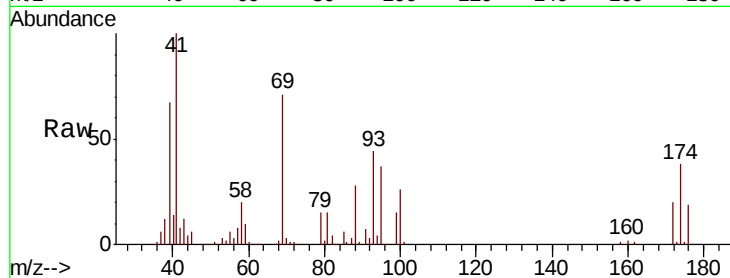
Tot Ion: 88 Resp: 63291

Ion Ratio Lower Upper

88 100

43 38.1 33.1 49.7

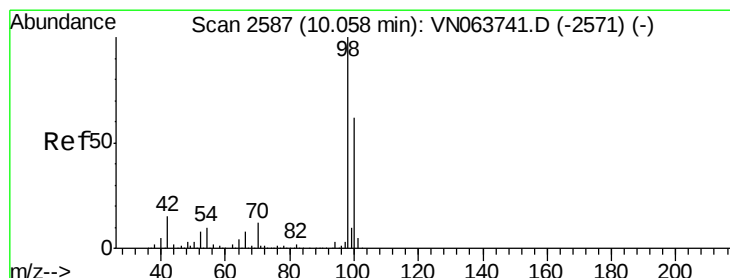
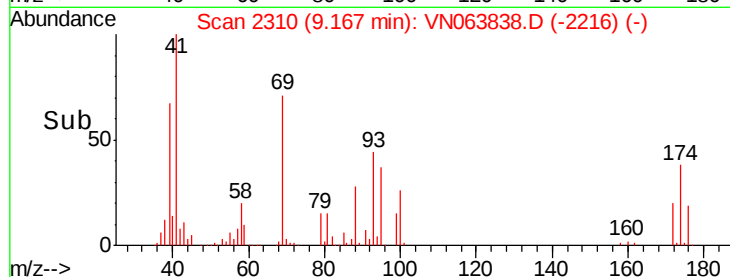
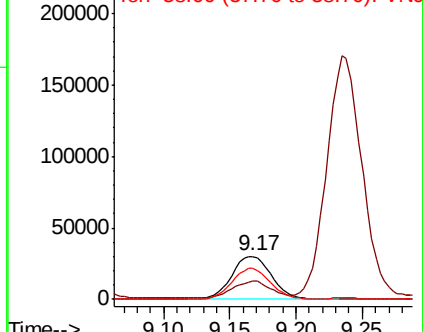
58 69.0 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.632 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063838.D

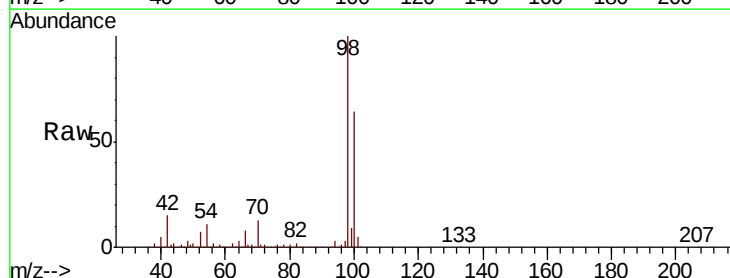
Acq: 2 Oct 2020 22:20

Tgt Ion: 98 Resp: 523644

Ion Ratio Lower Upper

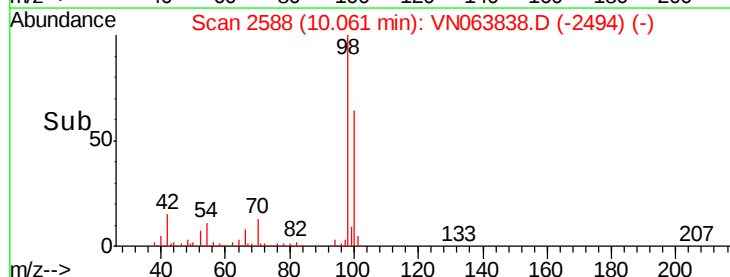
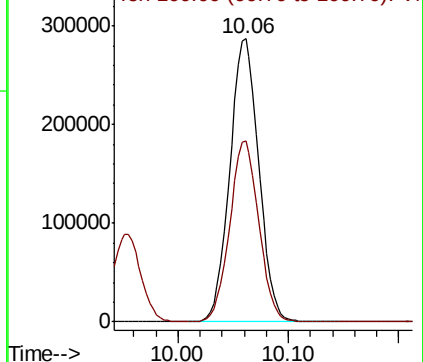
98 100

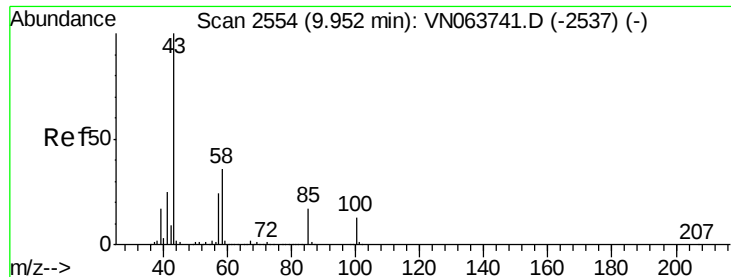
100 63.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

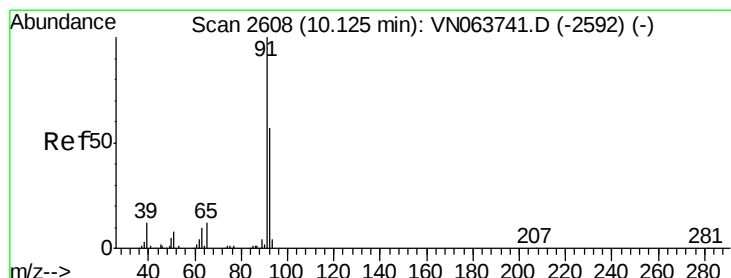
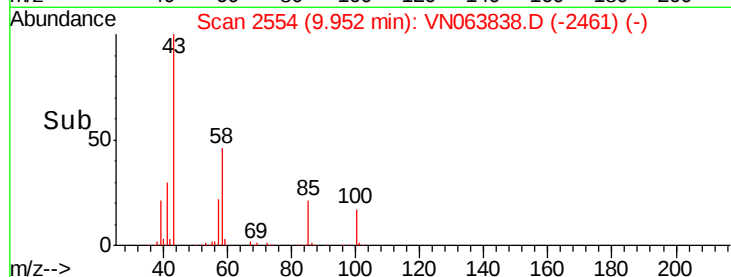
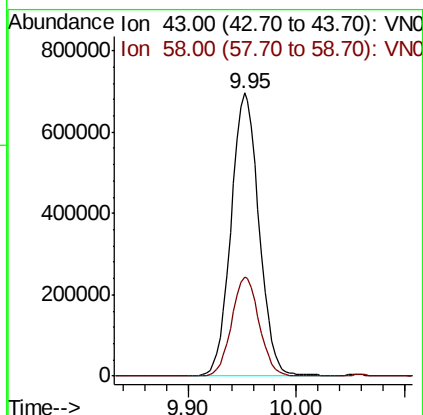
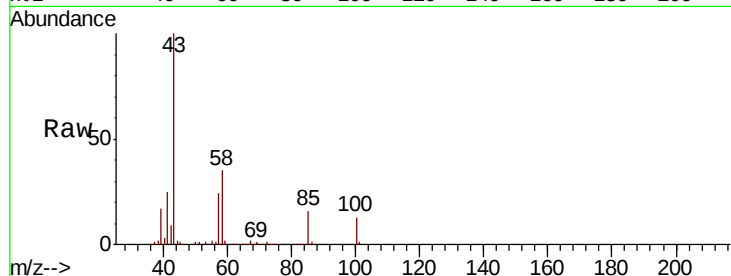




#51
4-Methyl-2-Pentanone
Concen: 318.731 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

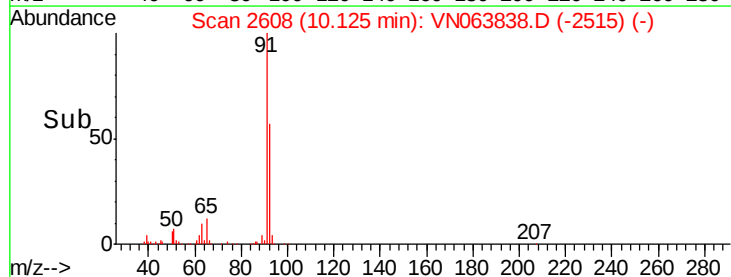
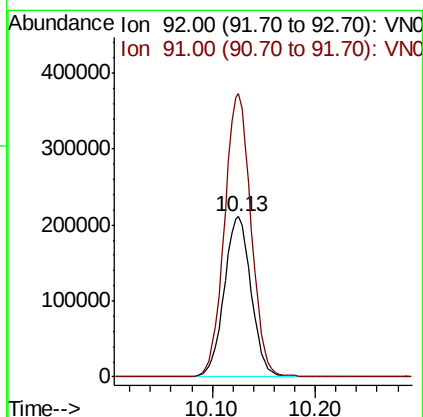
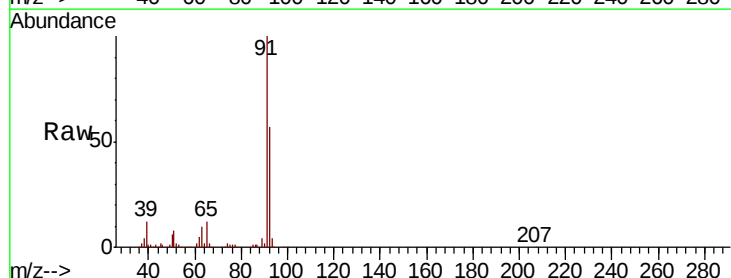
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

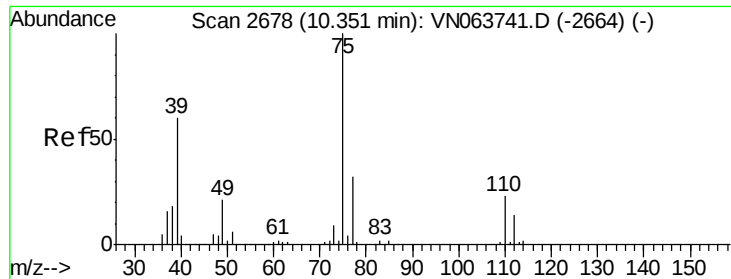
Tot Ion: 43 Resp: 1245566
Ion Ratio Lower Upper
43 100
58 34.7 28.4 42.6



#52
Toluene
Concen: 53.331 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 92 Resp: 382867
Ion Ratio Lower Upper
92 100
91 174.9 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 53.697 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

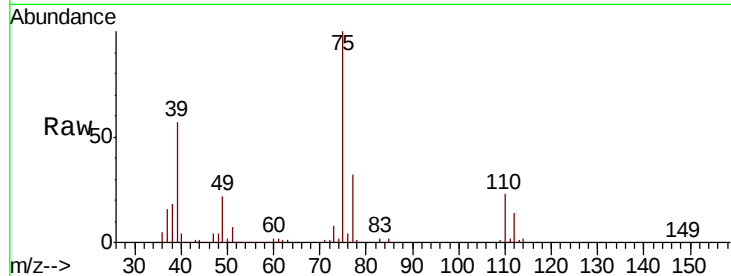
VSTDCCC050

Tot Ion: 75 Resp: 256517

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

150000

100000

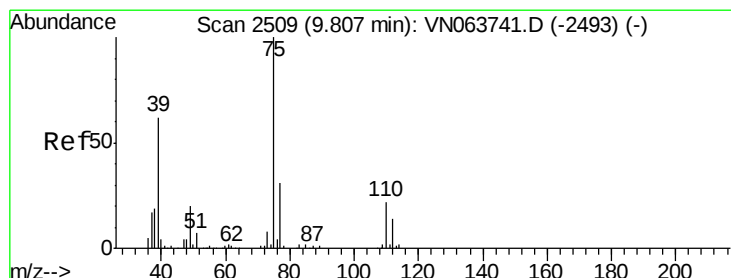
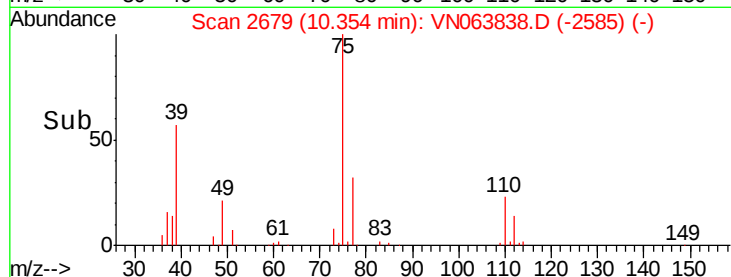
50000

0

Time-->

10.30

10.40



#54

cis-1,3-Dichloropropene

Concen: 52.835 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

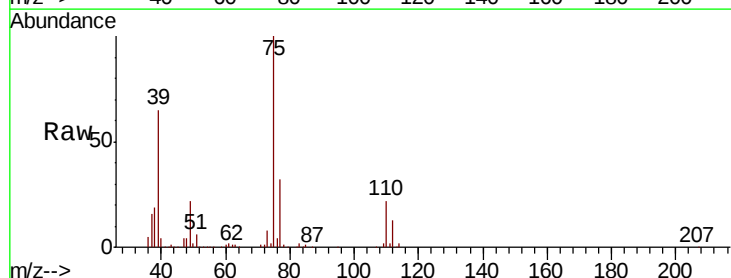
Tgt Ion: 75 Resp: 263965

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 64.4 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

150000

100000

50000

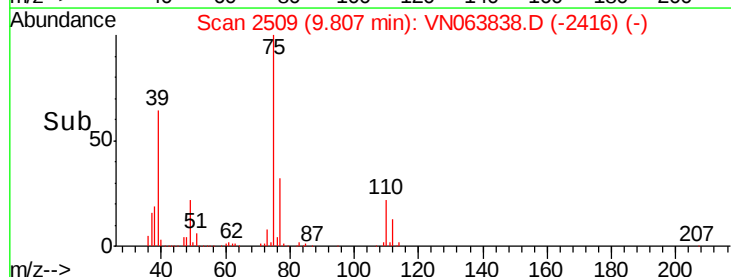
0

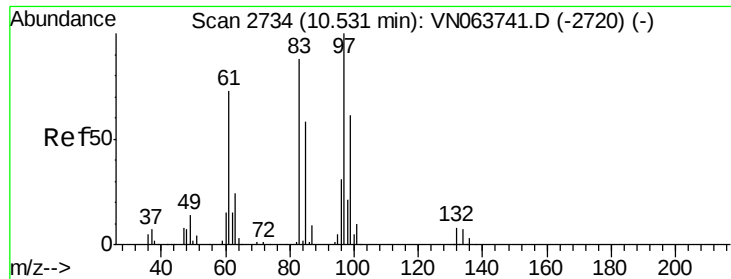
Time-->

9.70

9.80

9.90

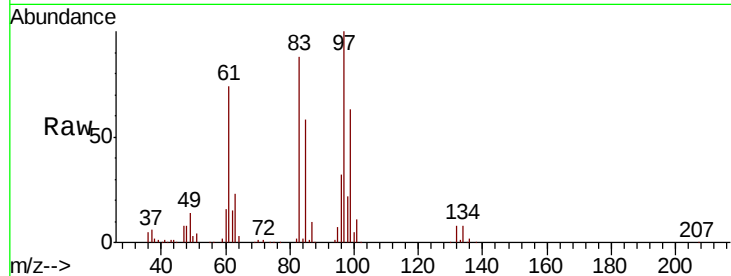




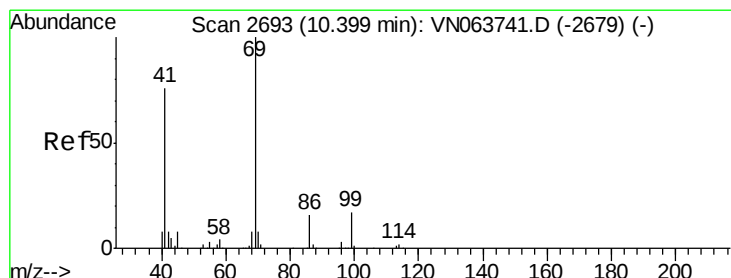
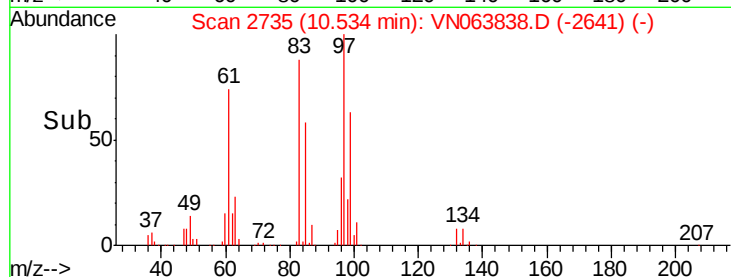
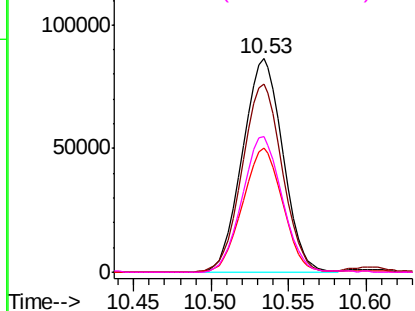
#55
 1,1,2-Trichloroethane
 Concen: 54.654 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 157349
 Ion Ratio Lower Upper
 97 100
 83 88.1 70.7 106.1
 85 58.3 46.1 69.1
 99 63.2 48.8 73.2

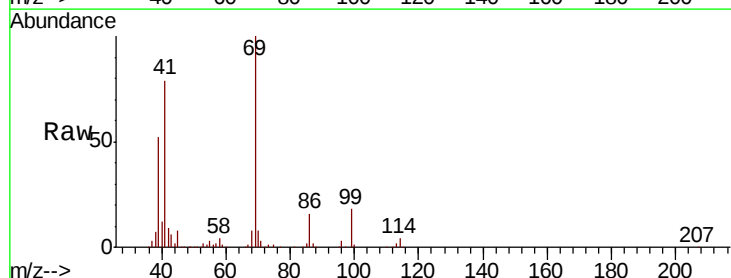


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

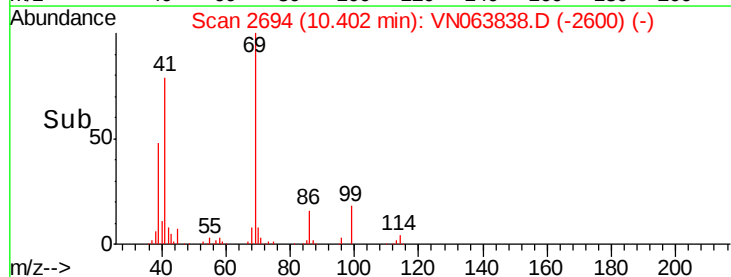
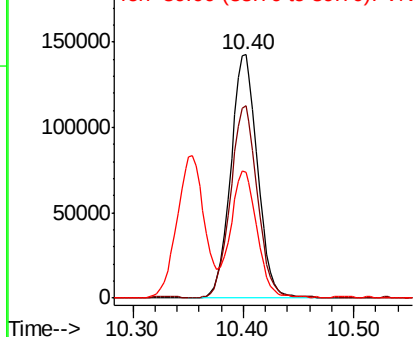


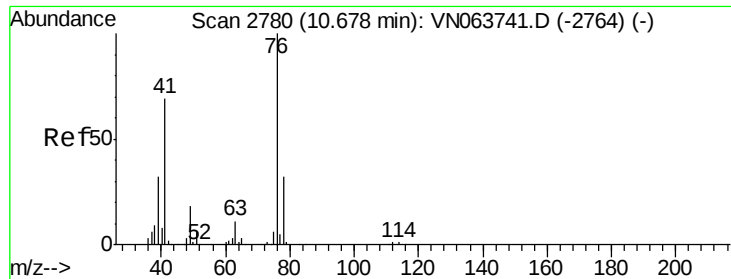
#56
 Ethyl methacrylate
 Concen: 58.777 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 69 Resp: 239865
 Ion Ratio Lower Upper
 69 100
 41 78.8 61.1 91.7
 39 51.1 42.2 63.4



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

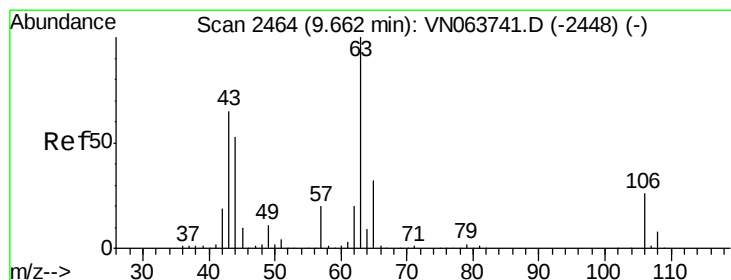
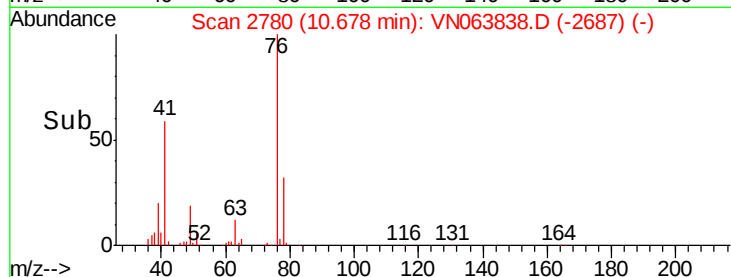
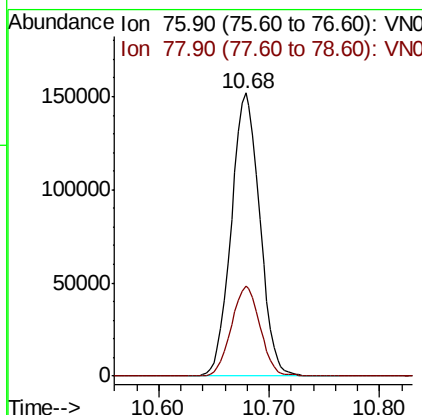
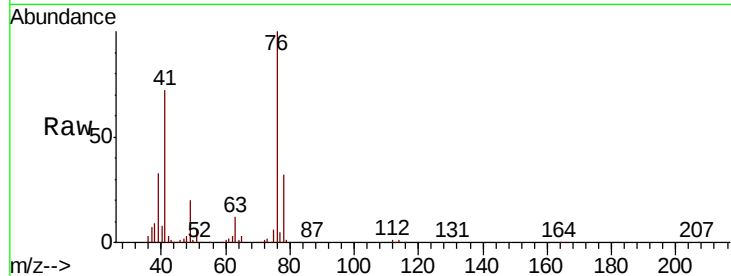




#57
 1,3-Dichloropropane
 Concen: 55.933 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

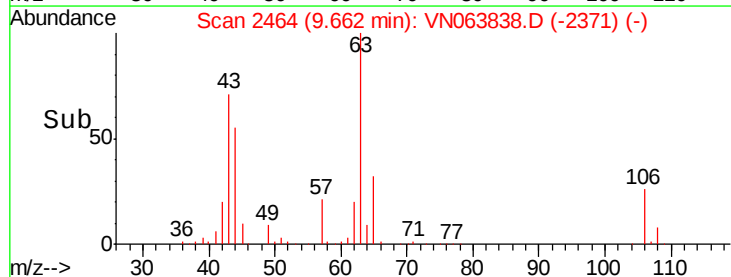
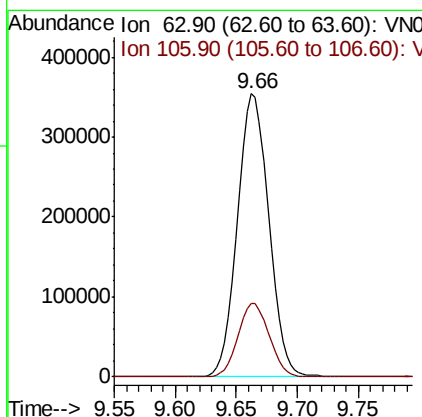
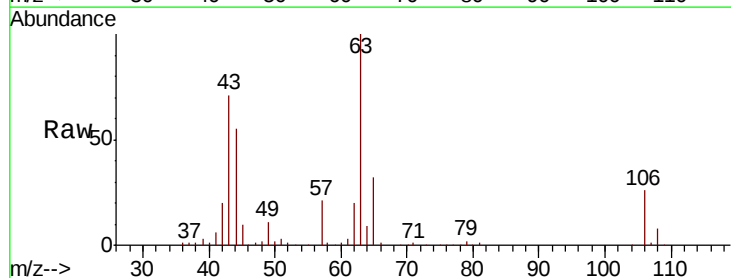
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

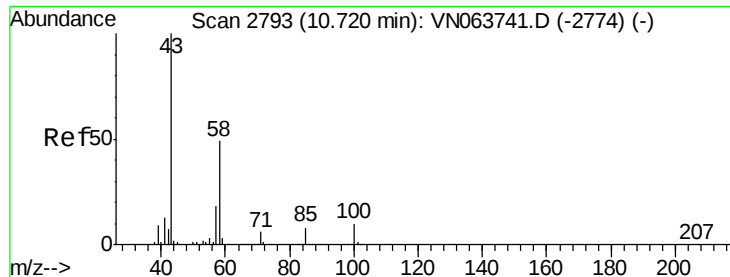
Tot Ion: 76 Resp: 272439
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.270 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 63 Resp: 631454
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

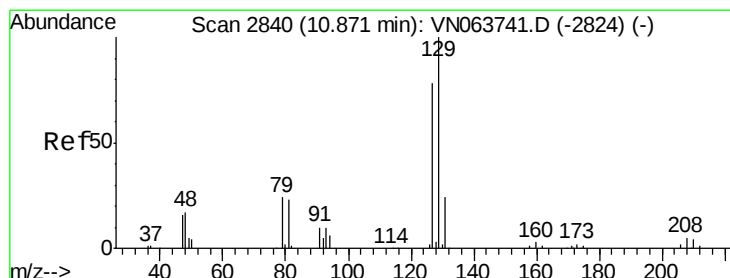
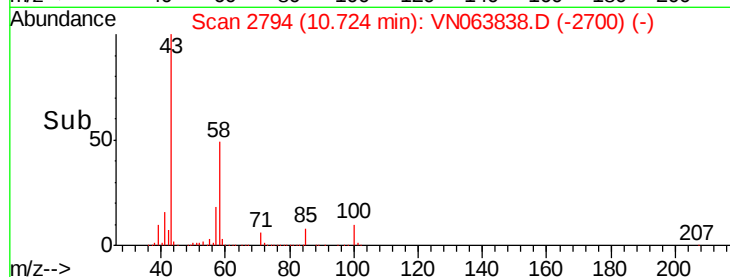
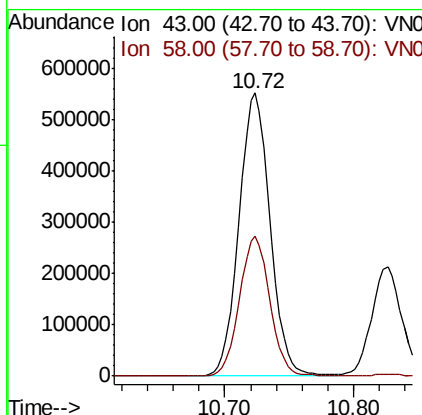
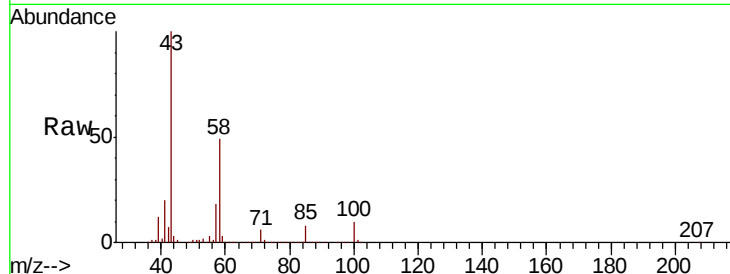




#59
2-Hexanone
Concen: 317.871 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

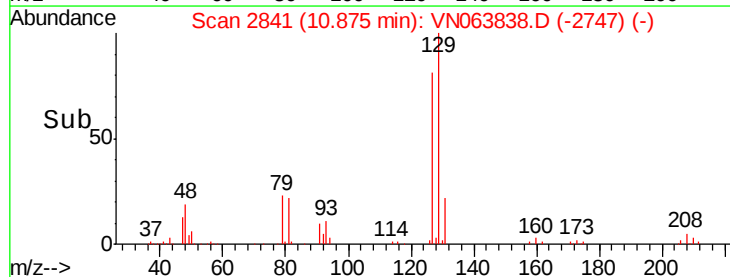
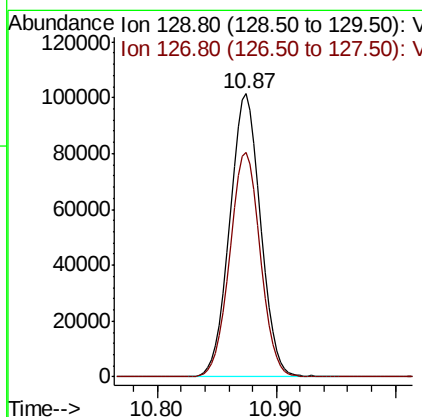
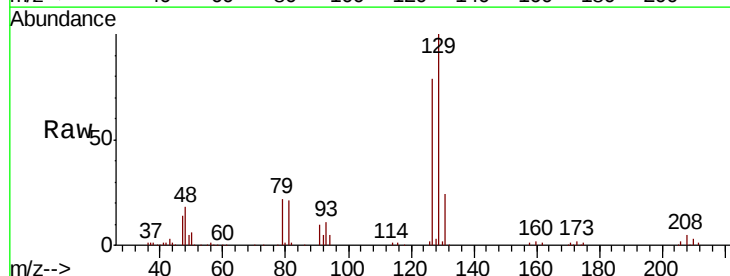
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

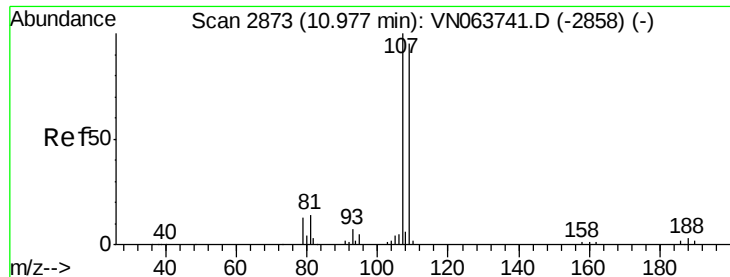
Tot Ion: 43 Resp: 922788
Ion Ratio Lower Upper
43 100
58 48.5 24.6 73.8



#60
Dibromochloromethane
Concen: 54.313 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 129 Resp: 182105
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7

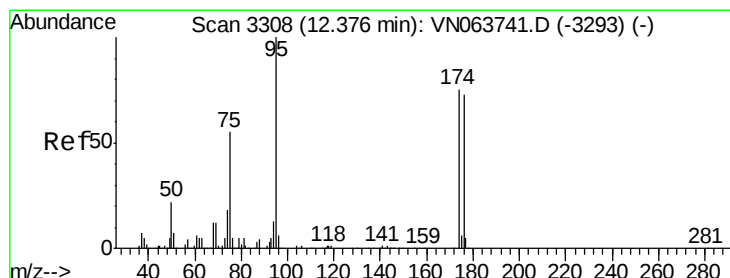
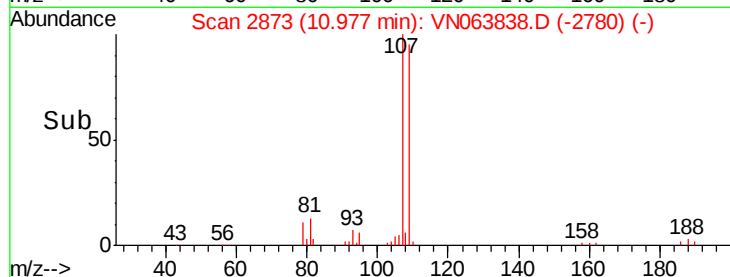
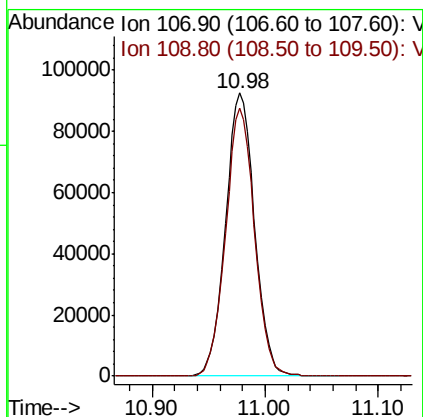
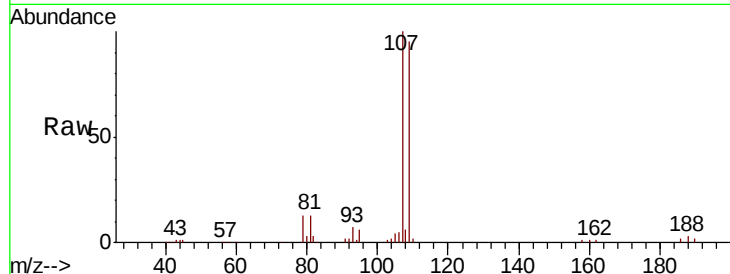




#61
 1,2-Dibromoethane
 Concen: 55.981 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

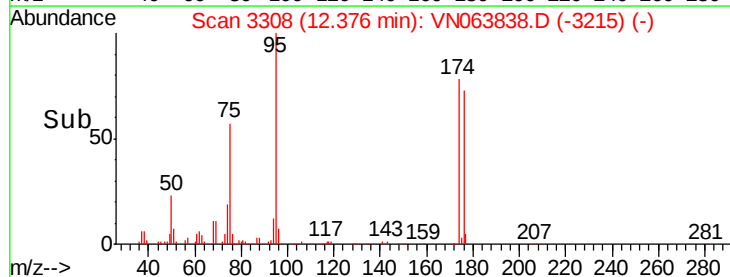
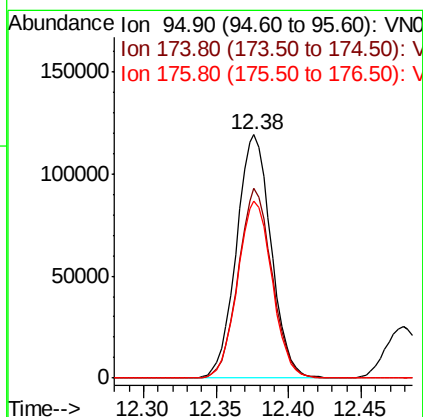
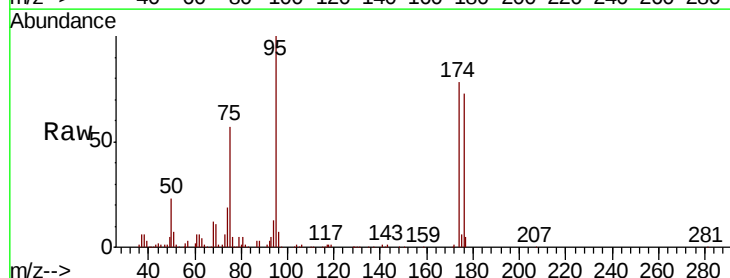
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

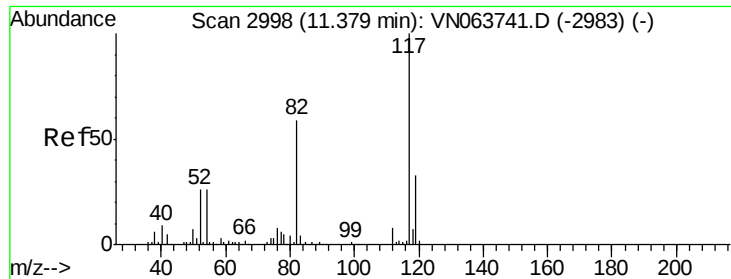
Tot Ion:107 Resp: 164866
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.954 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 95 Resp: 198122
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.6
 176 72.6 0.0 145.4

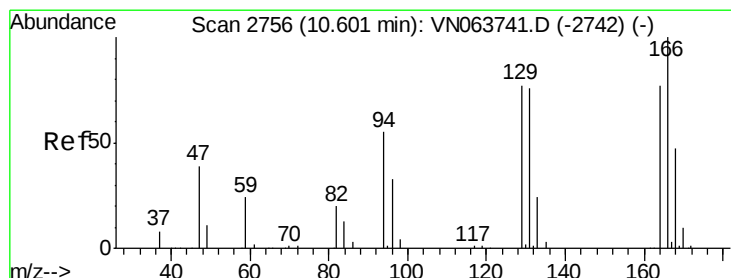
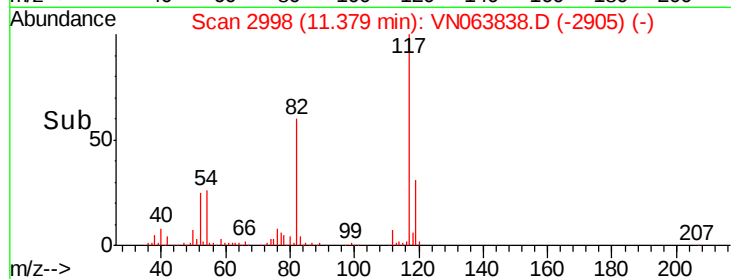
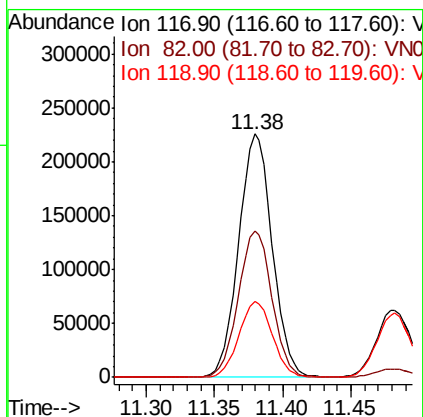
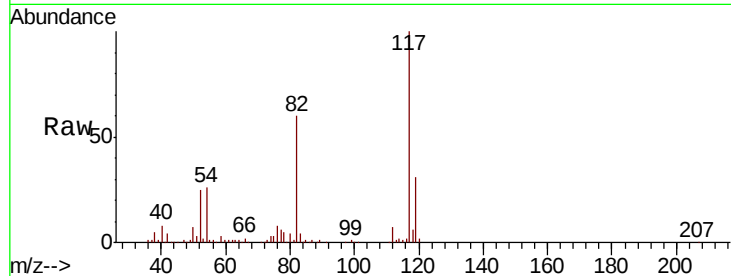




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

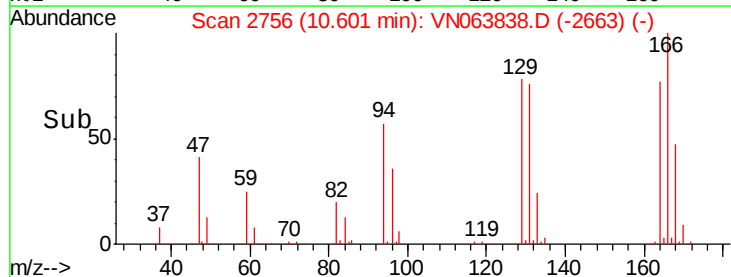
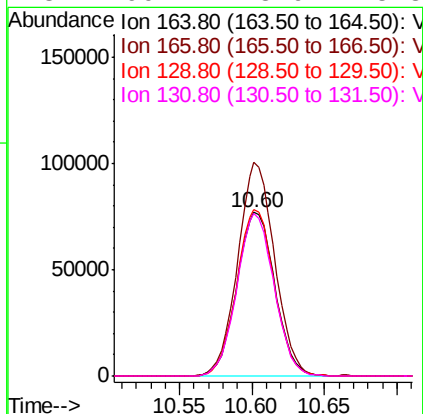
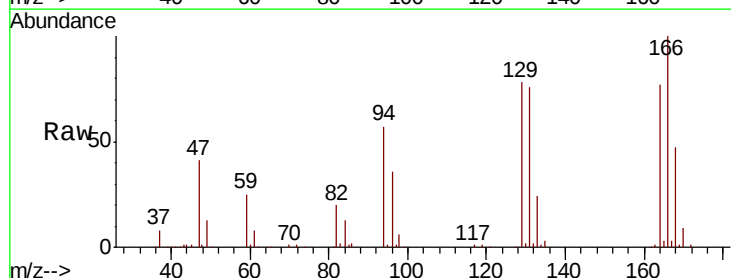
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

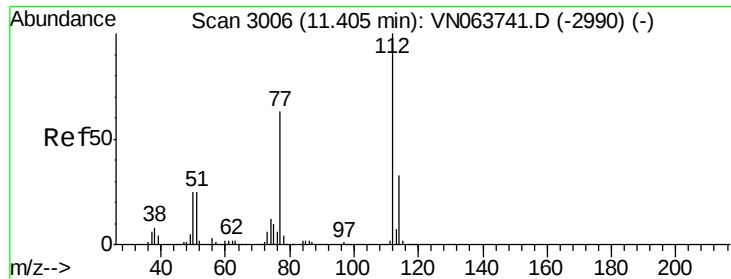
Tot Ion:117 Resp: 386444
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.1 26.4 39.6



#64
Tetrachloroethene
Concen: 46.936 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:164 Resp: 140328
Ion Ratio Lower Upper
164 100
166 130.4 103.9 155.9
129 101.5 80.3 120.5
131 99.4 78.9 118.3

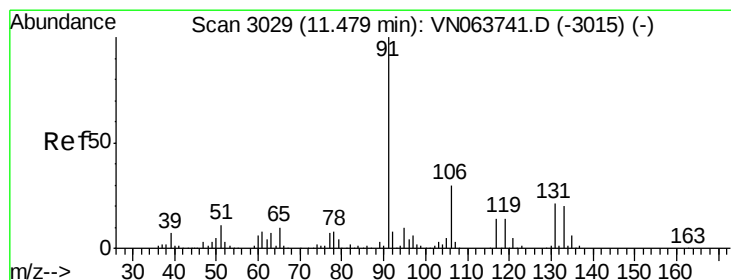
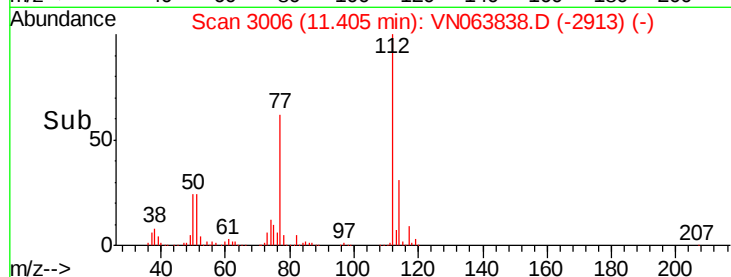
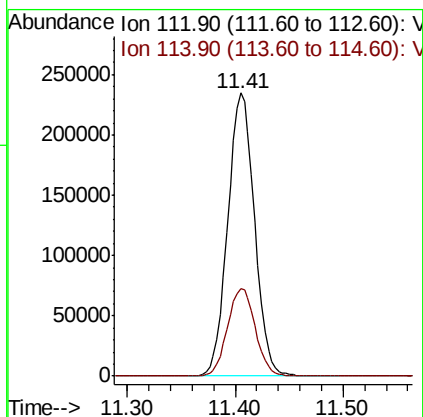
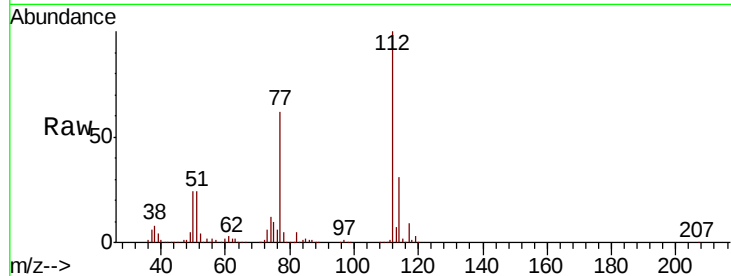




#65
Chlorobenzene
Concen: 50.970 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

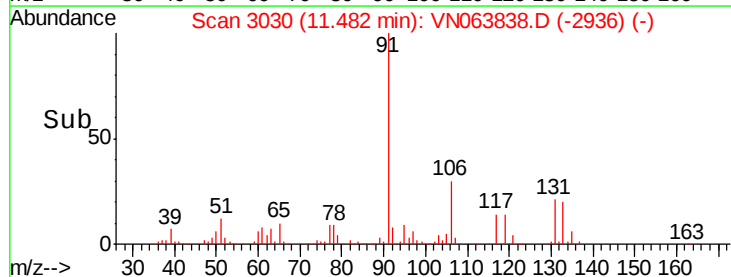
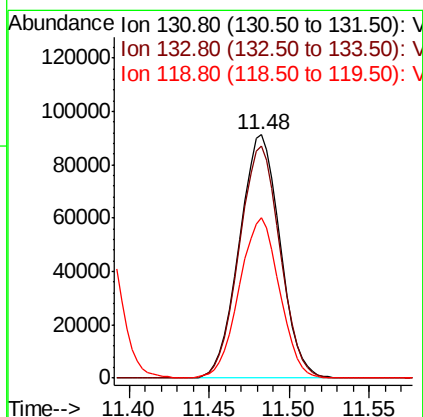
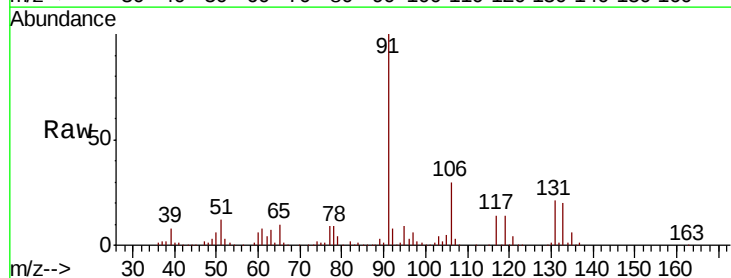
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

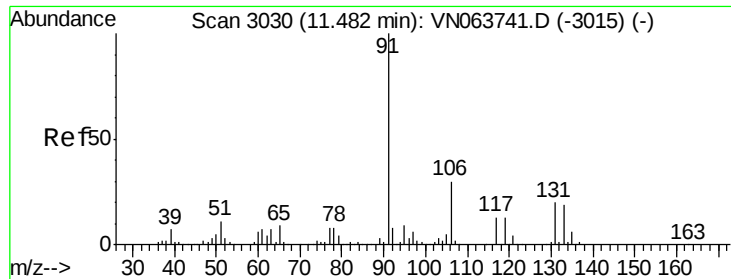
Tot Ion:112 Resp: 404051
Ion Ratio Lower Upper
112 100
114 30.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.399 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:131 Resp: 159243
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 65.1 32.6 97.7

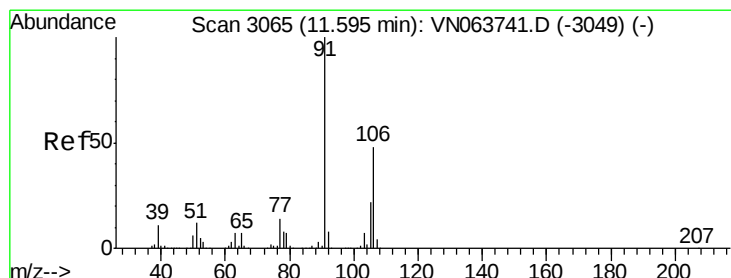
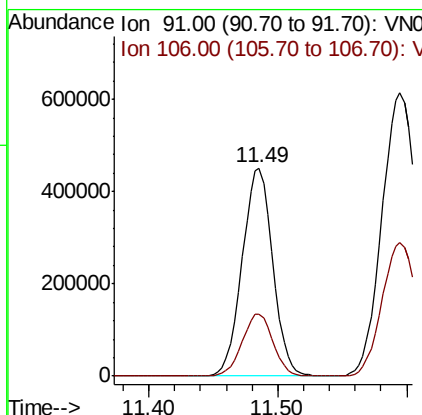
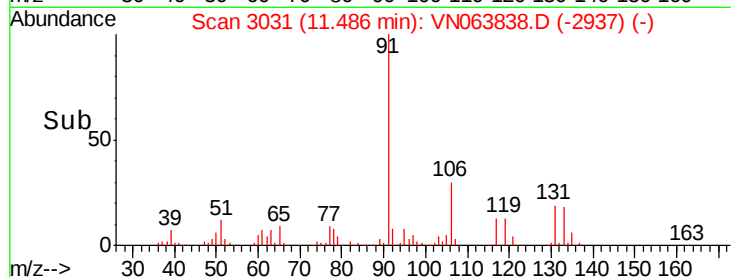
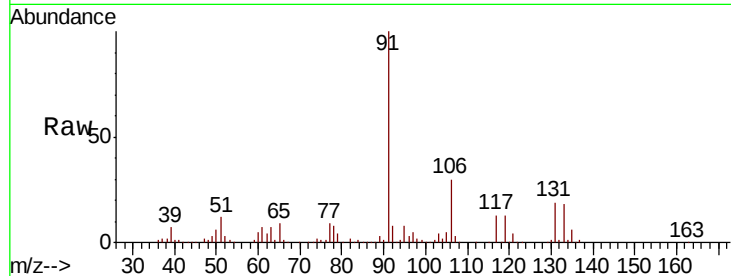




#67
Ethyl Benzene
Concen: 51.639 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

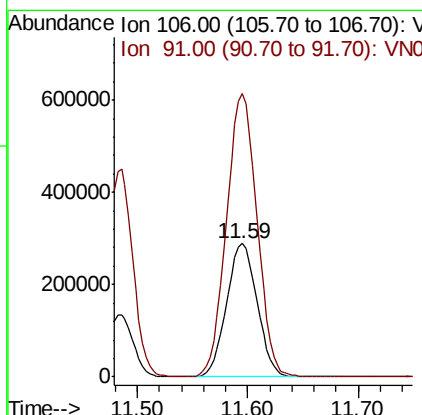
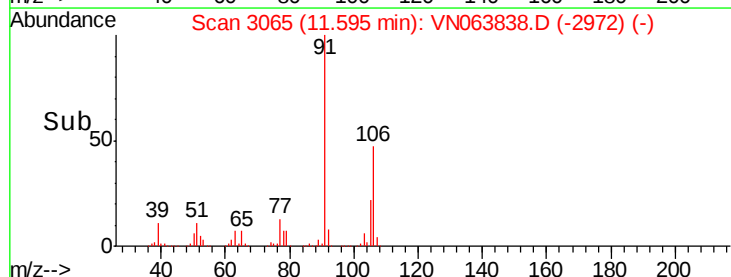
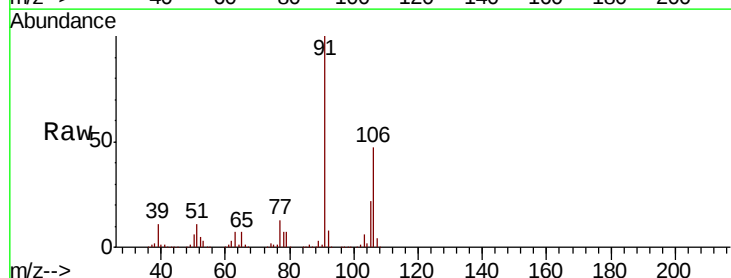
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

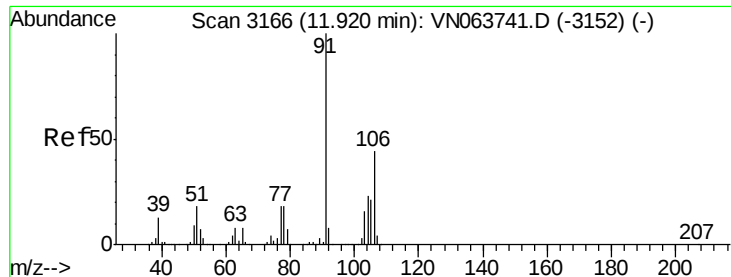
Tot Ion: 91 Resp: 744867
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 103.312 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 106 Resp: 555408
Ion Ratio Lower Upper
106 100
91 212.1 168.0 252.0

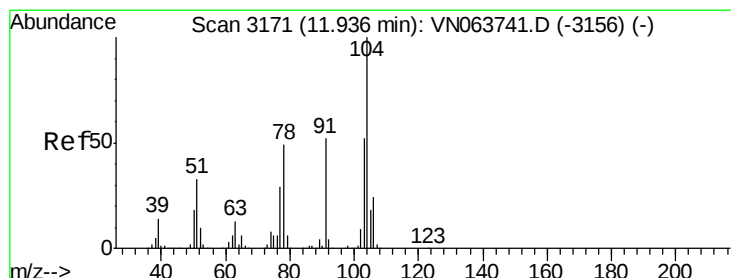
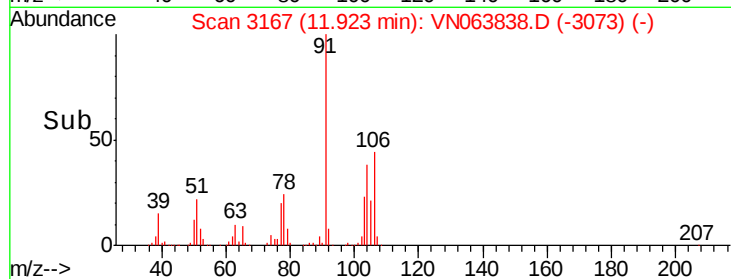
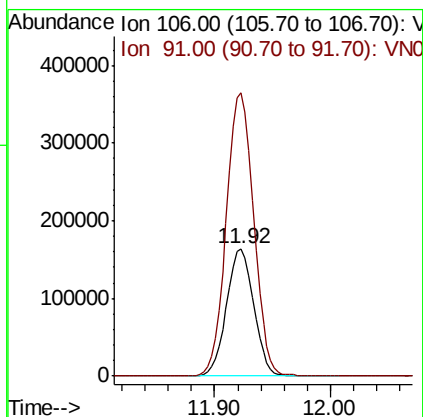
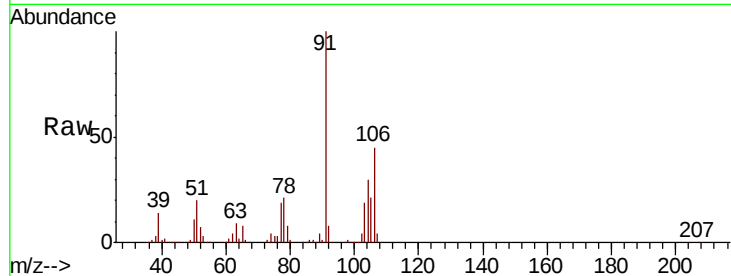




#69
o-Xylene
Concen: 53.163 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

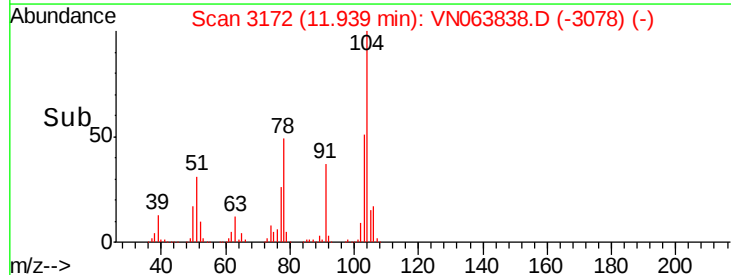
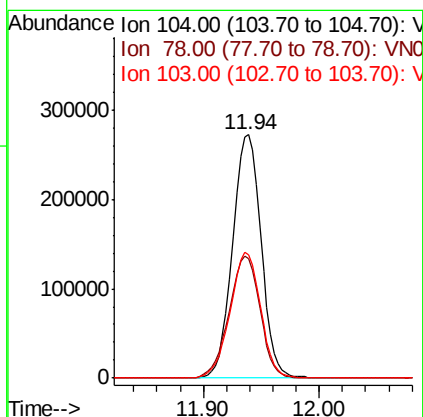
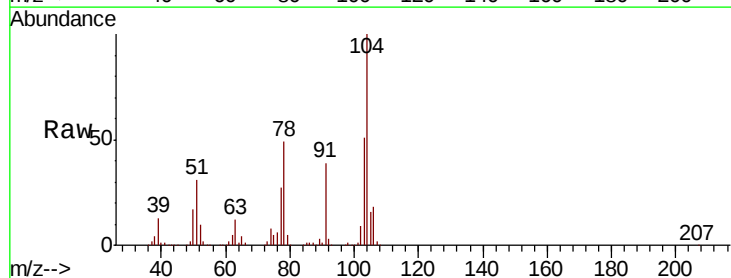
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 267134
Ion Ratio Lower Upper
106 100
91 224.0 112.7 338.0



#70
Styrene
Concen: 54.394 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:104 Resp: 463947
Ion Ratio Lower Upper
104 100
78 54.4 44.1 66.1
103 55.1 44.3 66.5





#71

Bromoform

Concen: 54.791 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

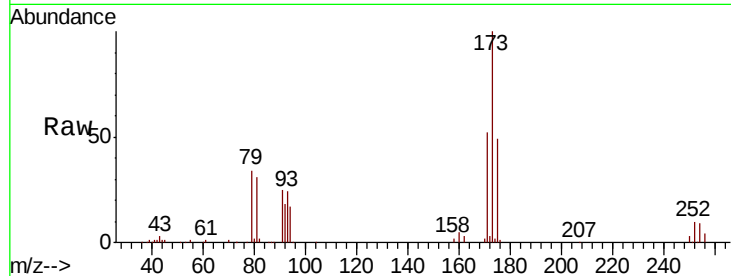
Tot Ion:173 Resp: 127351

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.5

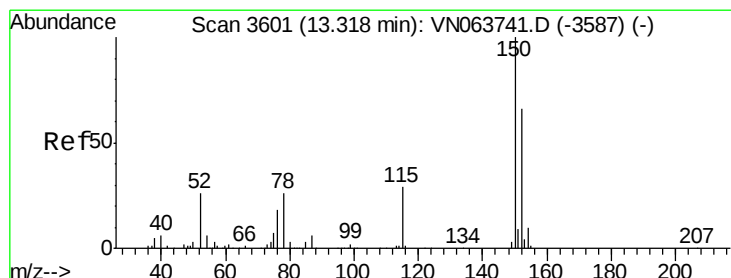
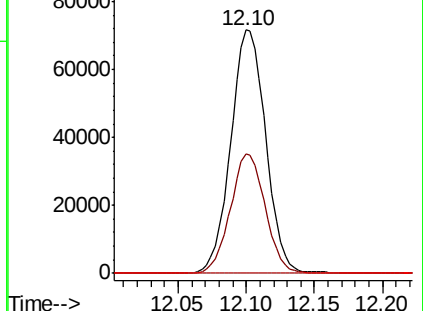
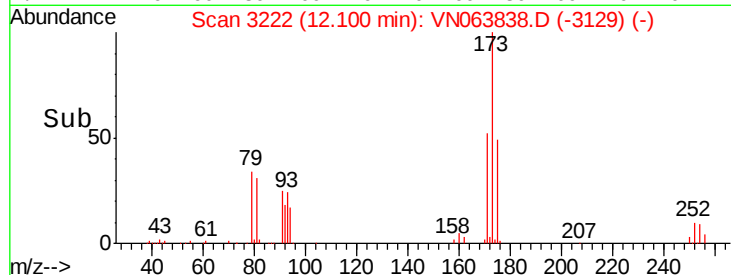
254 0.0 0.0 0.0



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: VN063838.D

Acq: 2 Oct 2020 22:20

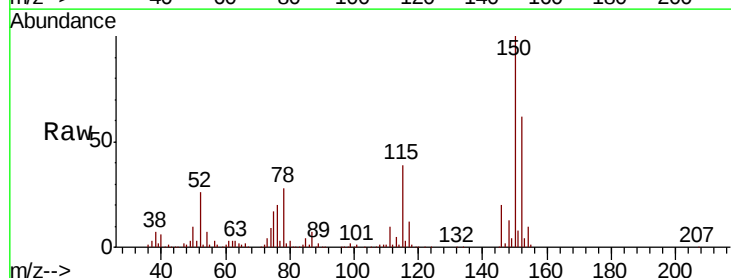
Tgt Ion:152 Resp: 189410

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

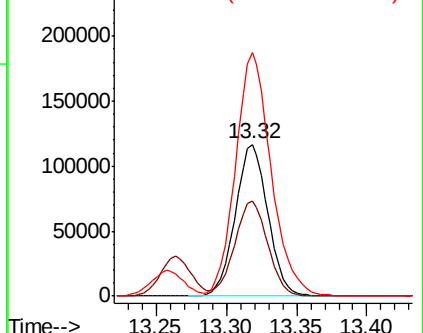
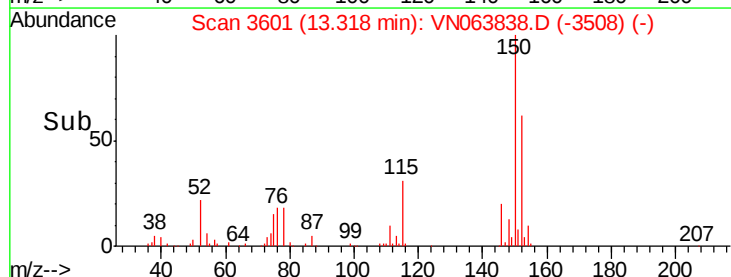
150 174.2 0.0 341.8

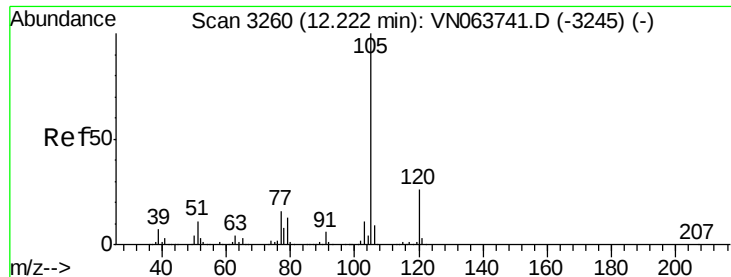


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.267 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

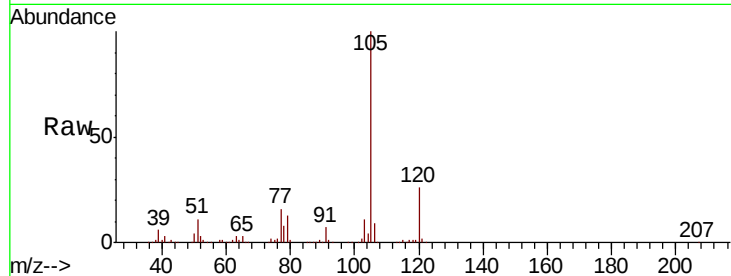
VSTDCCC050

Tot Ion:105 Resp: 708270

Ion Ratio Lower Upper

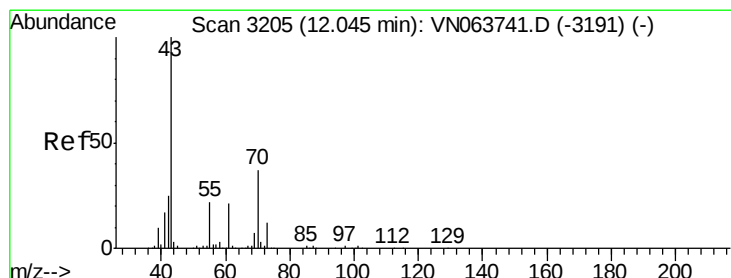
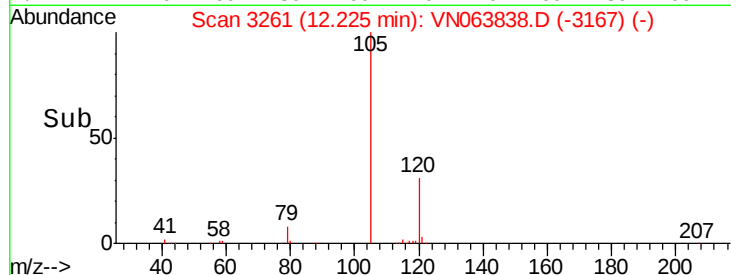
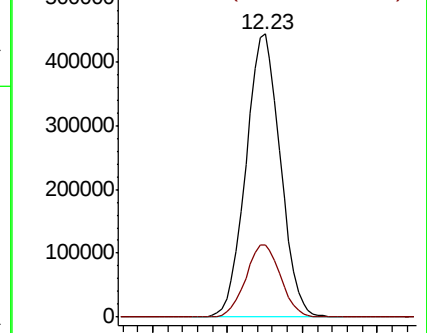
105 100

120 25.9 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: 55.652 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion: 43 Resp: 359036

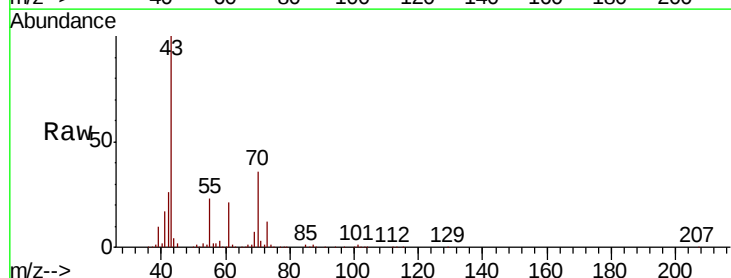
Ion Ratio Lower Upper

43 100

70 35.9 29.8 44.8

55 23.2 17.9 26.9

61 20.7 17.0 25.4

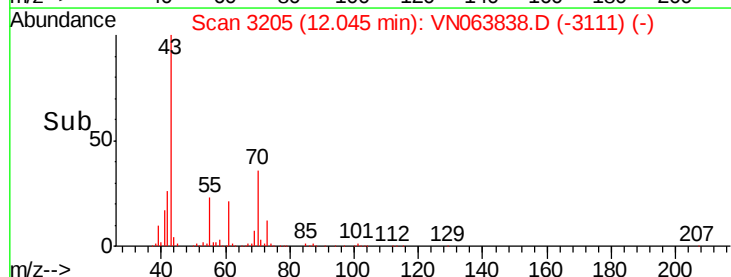
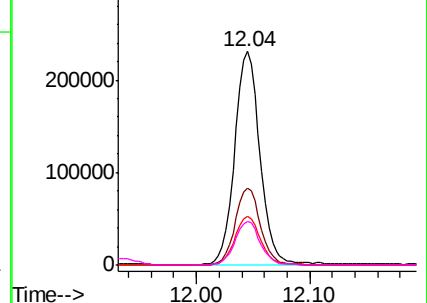


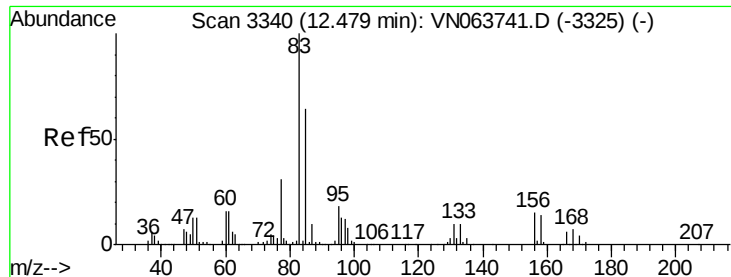
Abundance Ion 43.00 (42.70 to 43.70): V

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: 56.108 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

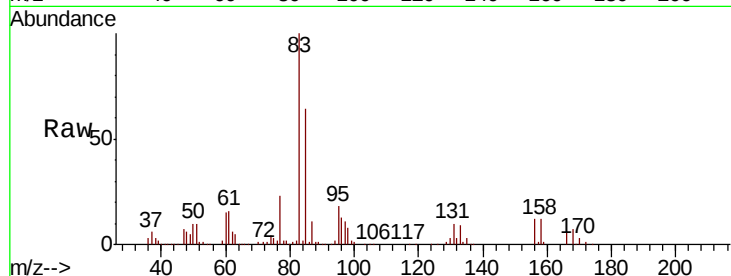
Tot Ion: 83 Resp: 237037

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

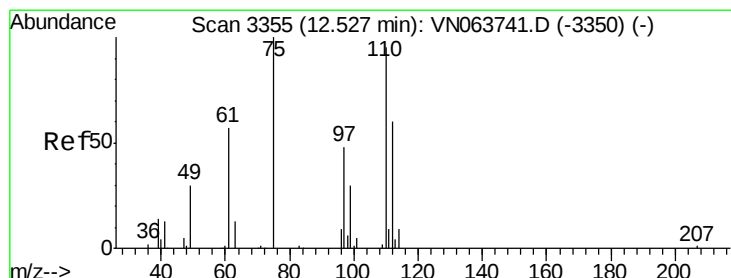
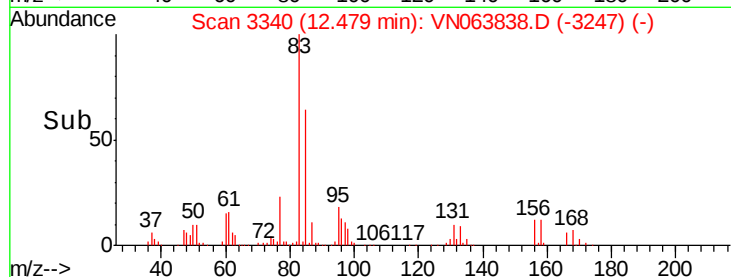
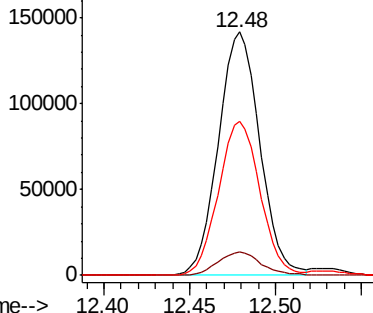
85 63.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063838.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063838.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063838.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 78.097 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063838.D

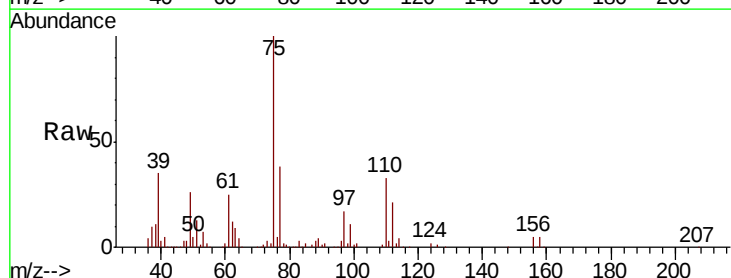
Acq: 2 Oct 2020 22:20

Tgt Ion: 75 Resp: 326081

Ion Ratio Lower Upper

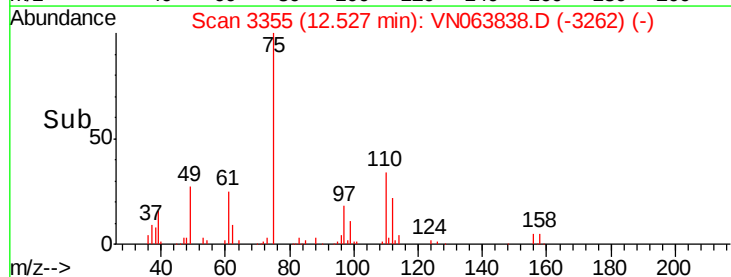
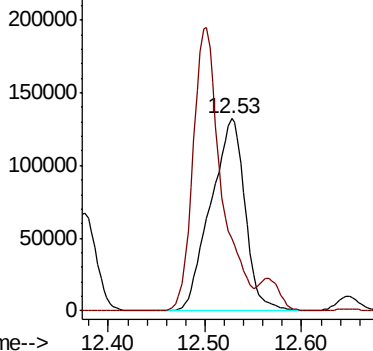
75 100

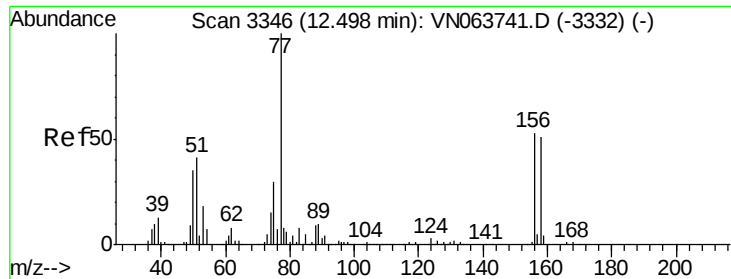
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063838.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063838.D (-3262) (-)





#77

Bromobenzene

Concen: 51.955 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

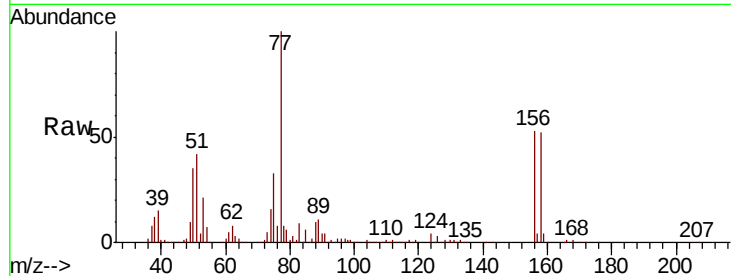
Tot Ion:156 Resp: 176126

Ion Ratio Lower Upper

156 100

77 225.6 110.9 332.7

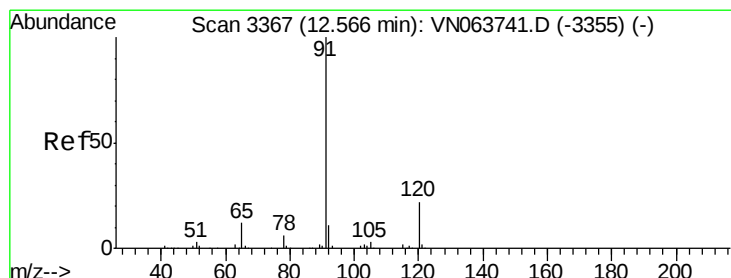
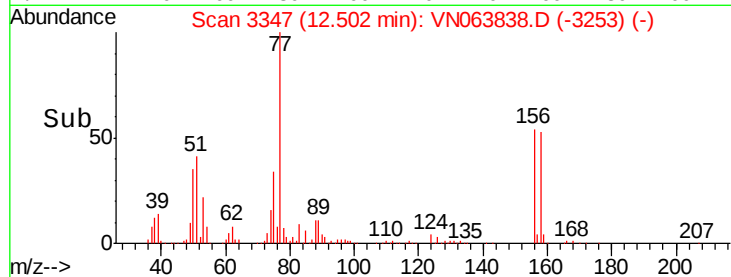
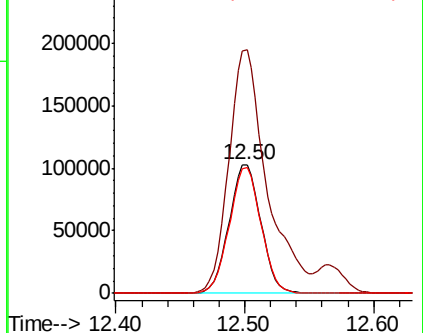
158 97.4 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.136 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063838.D

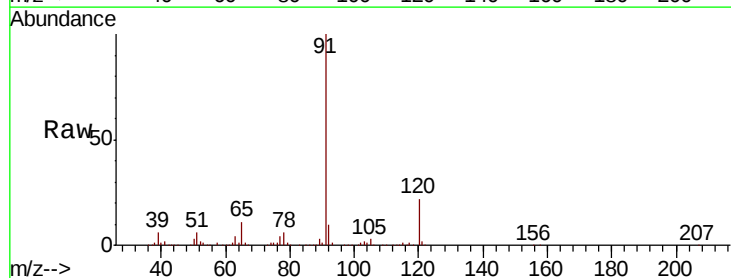
Acq: 2 Oct 2020 22:20

Tgt Ion: 91 Resp: 822182

Ion Ratio Lower Upper

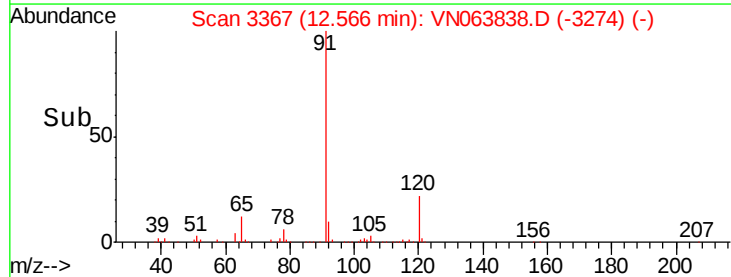
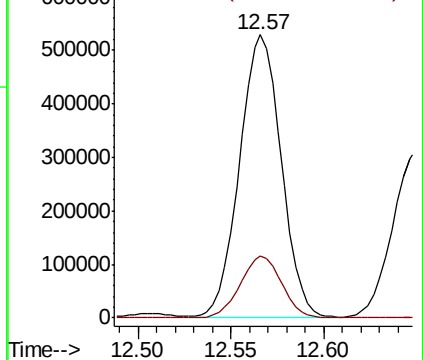
91 100

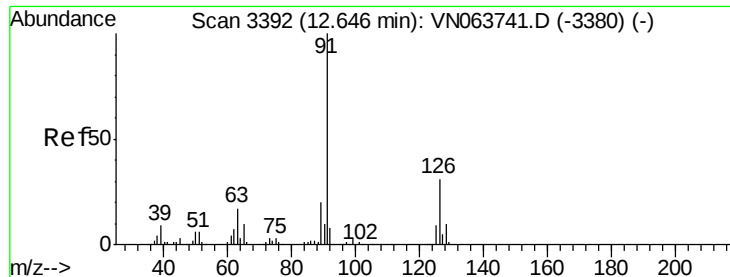
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.672 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

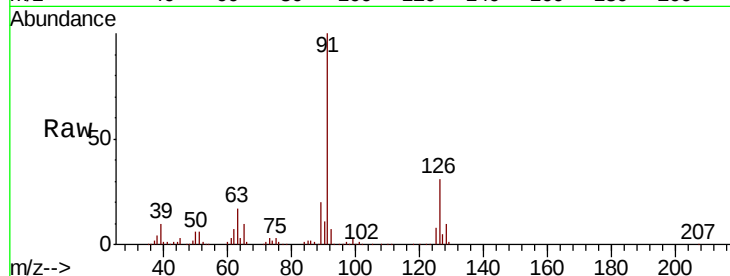
VSTDCCC050

Tot Ion: 91 Resp: 510961

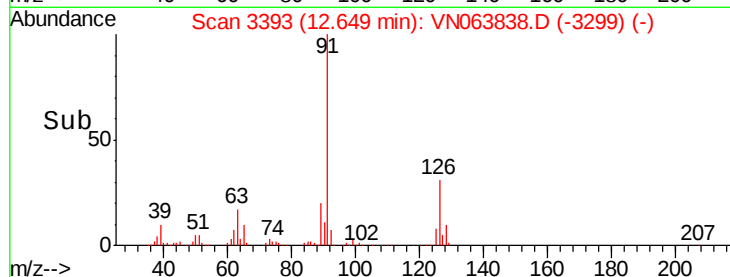
Ion Ratio Lower Upper

91 100

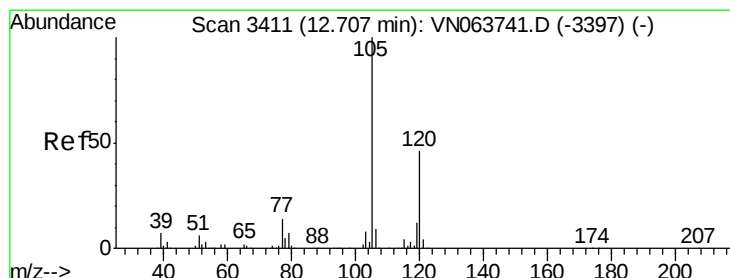
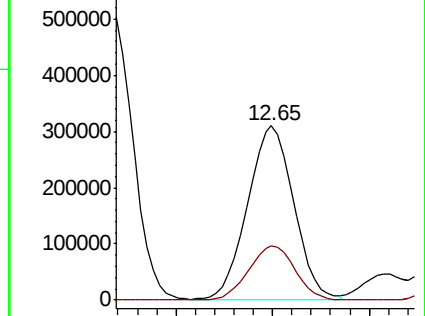
126 31.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063838.D (-3299) (-)



Ion 125.90 (125.60 to 126.60): VN063838.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.878 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063838.D

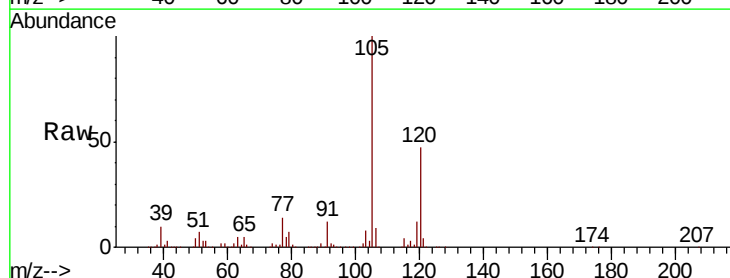
Acq: 2 Oct 2020 22:20

Tgt Ion: 105 Resp: 601289

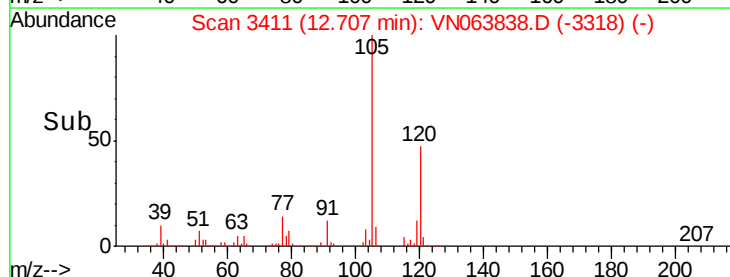
Ion Ratio Lower Upper

105 100

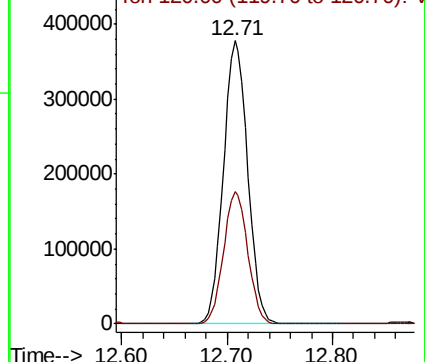
120 46.8 23.3 69.9

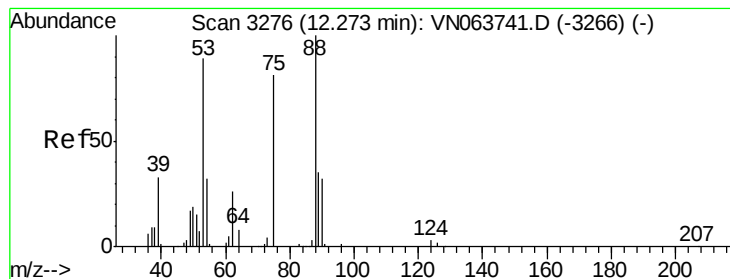


Abundance Ion 105.00 (104.70 to 105.70): VN063838.D (-3318) (-)



Ion 120.00 (119.70 to 120.70): VN063838.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.128 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

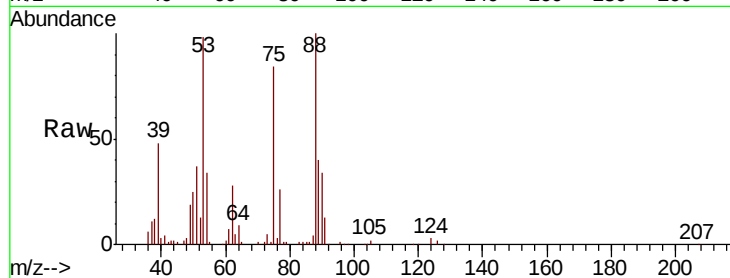
Tot Ion: 75 Resp: 75569

Ion Ratio Lower Upper

75 100

53 117.7 88.2 132.2

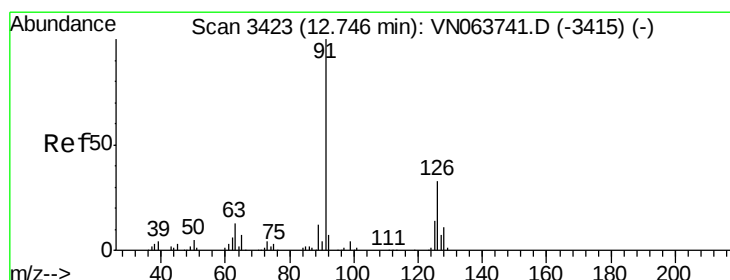
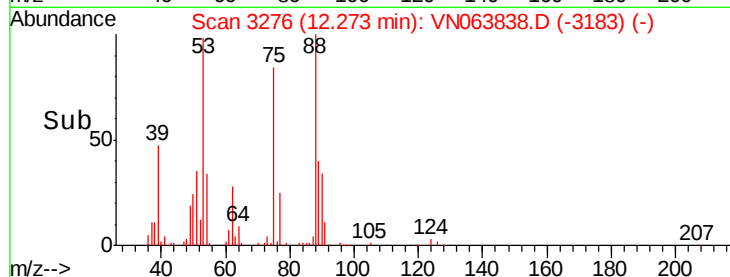
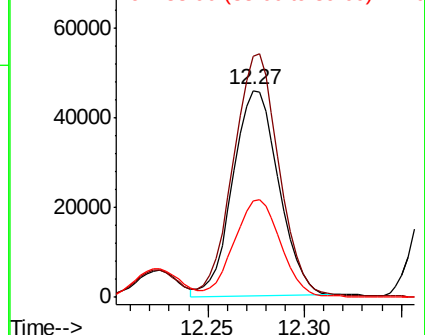
89 48.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063838.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063838.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063838.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 51.473 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063838.D

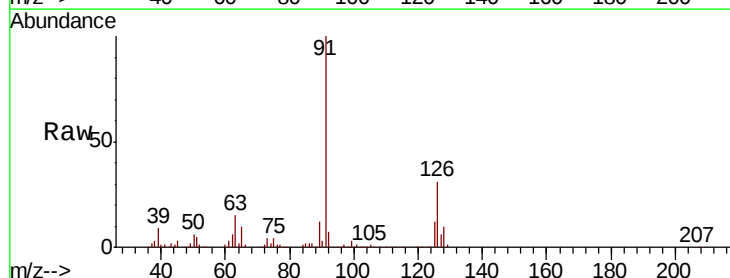
Acq: 2 Oct 2020 22:20

Tgt Ion: 91 Resp: 528386

Ion Ratio Lower Upper

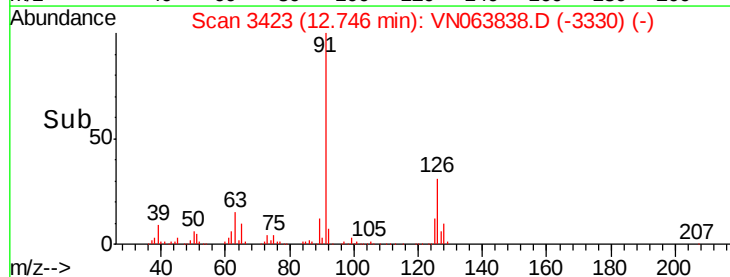
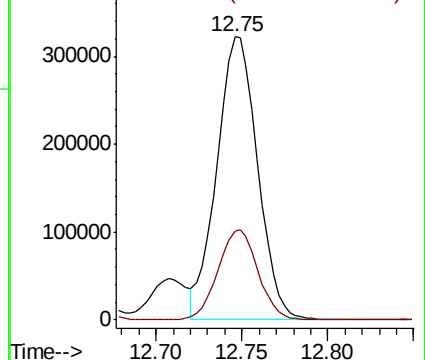
91 100

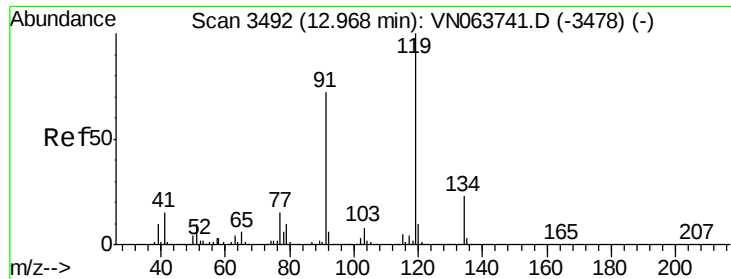
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063838.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN063838.D (-3330) (-)

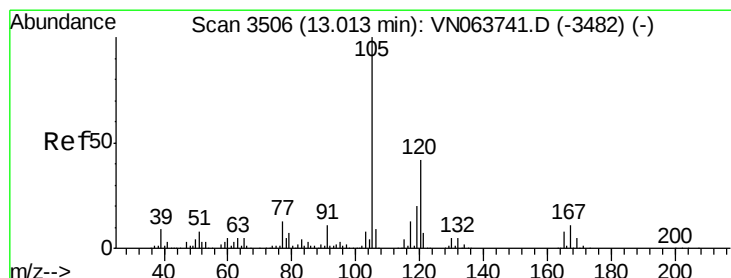
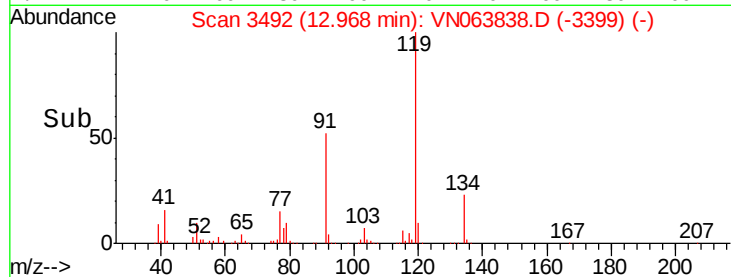
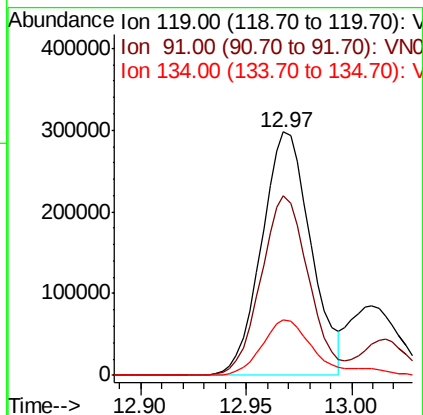
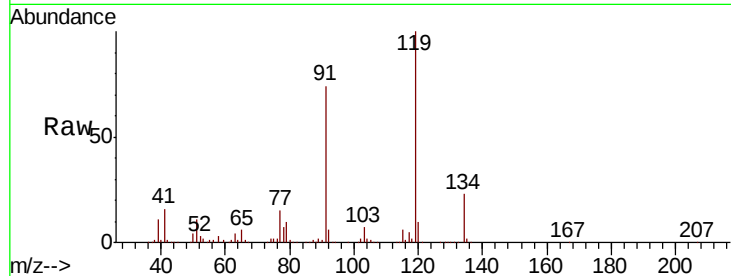




#83
tert-Butylbenzene
Concen: 51.037 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

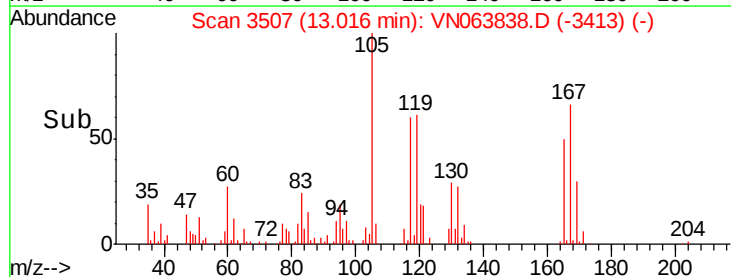
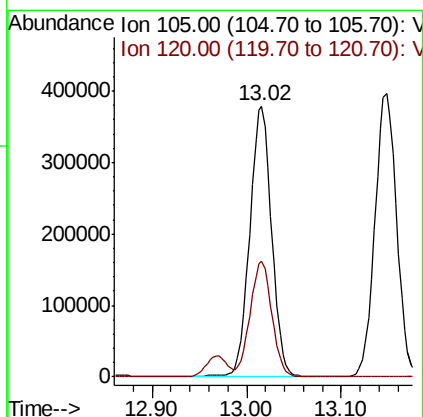
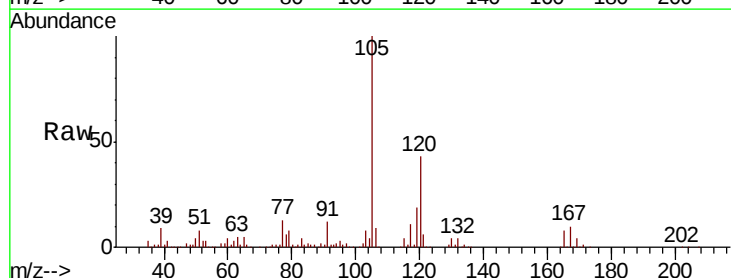
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 483865
Ion Ratio Lower Upper
119 100
91 71.2 35.5 106.5
134 24.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.667 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:105 Resp: 609460
Ion Ratio Lower Upper
105 100
120 42.3 20.9 62.7

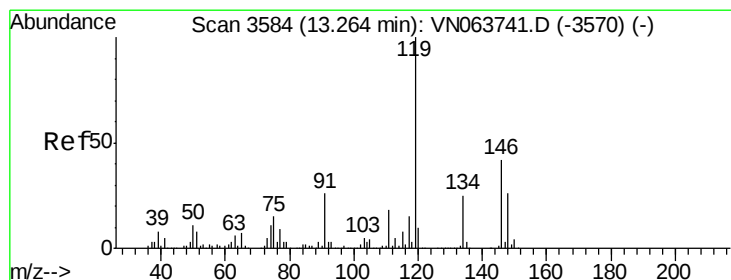
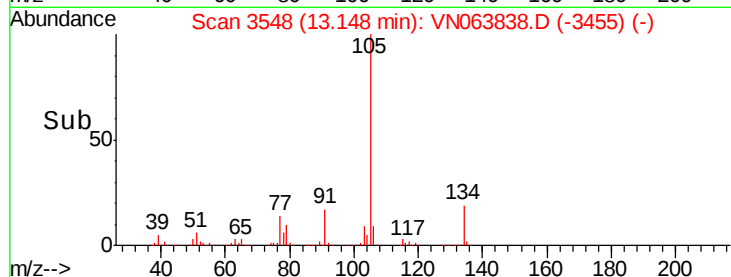
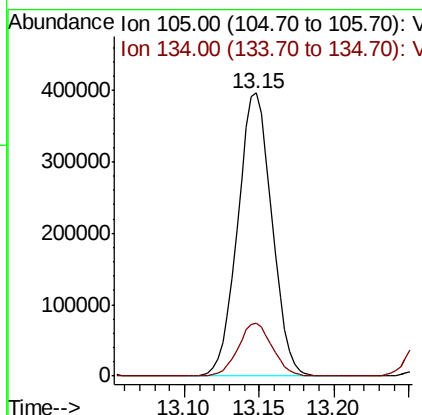
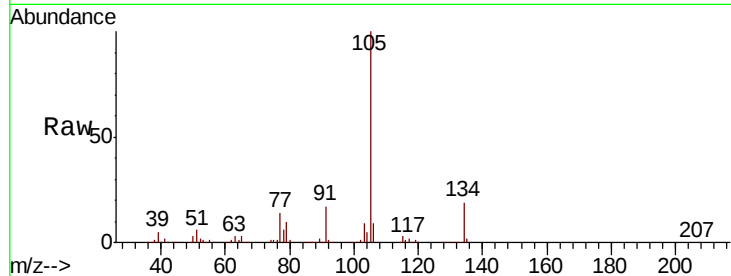




#85
 sec-Butylbenzene
 Concen: 50.509 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

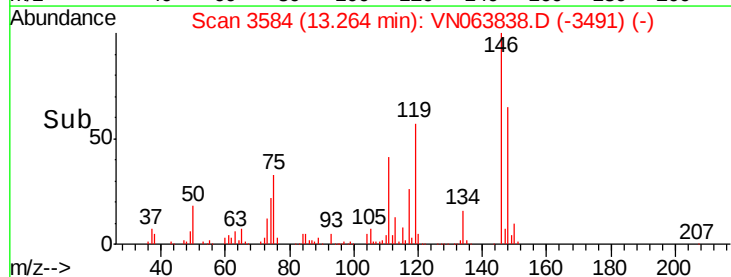
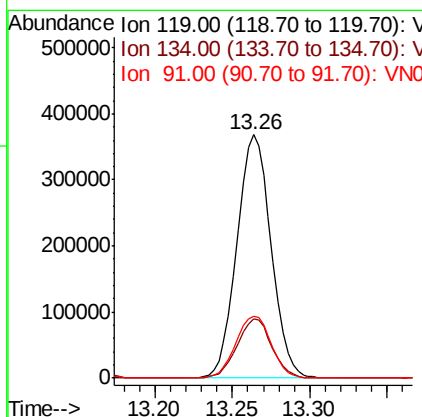
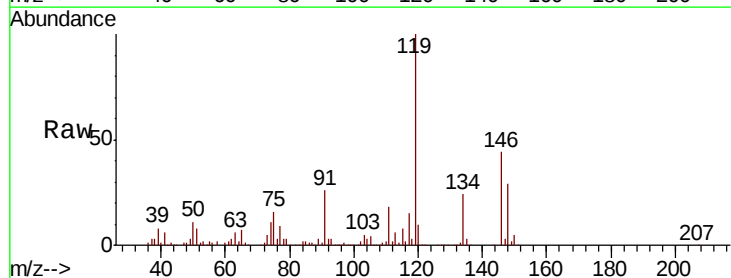
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

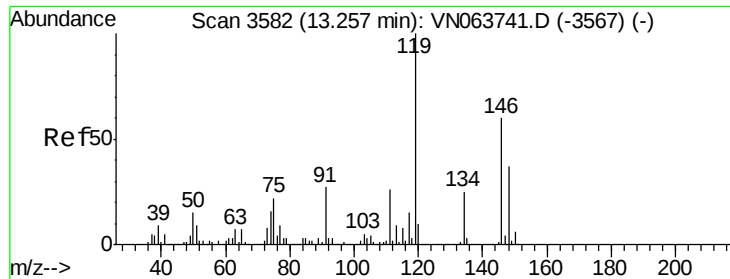
Tot Ion:105 Resp: 628958
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 51.181 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion:119 Resp: 563816
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 26.8 13.4 40.2

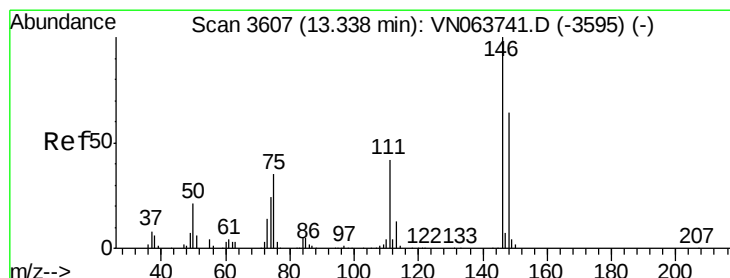
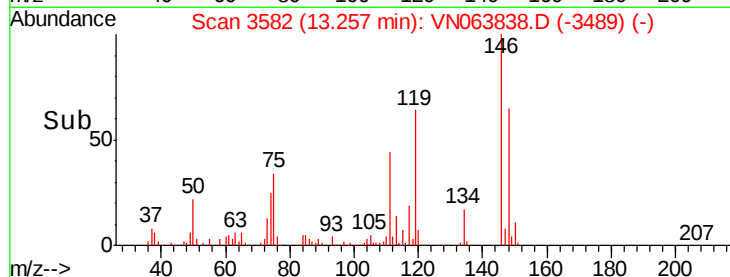
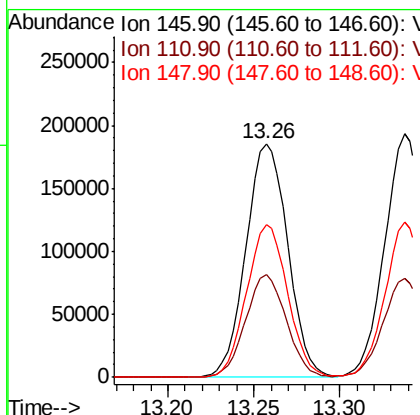
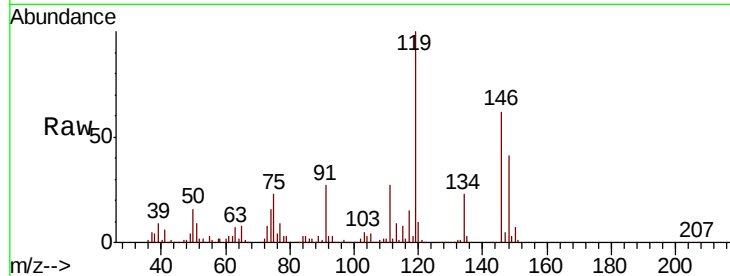




#87
 1,3-Dichlorobenzene
 Concen: 51.253 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

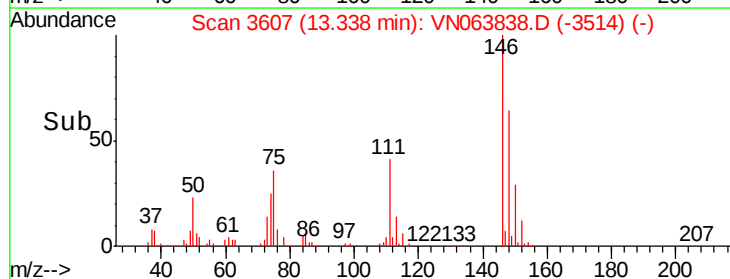
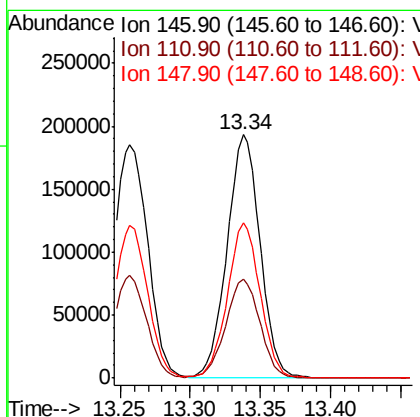
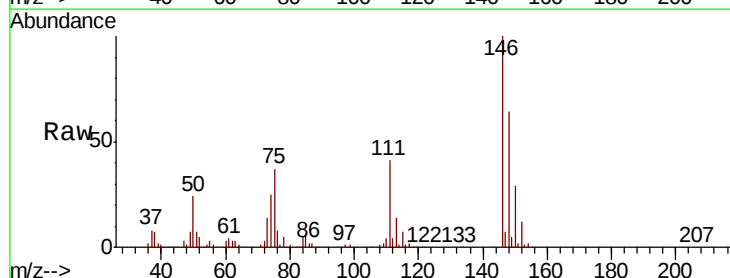
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

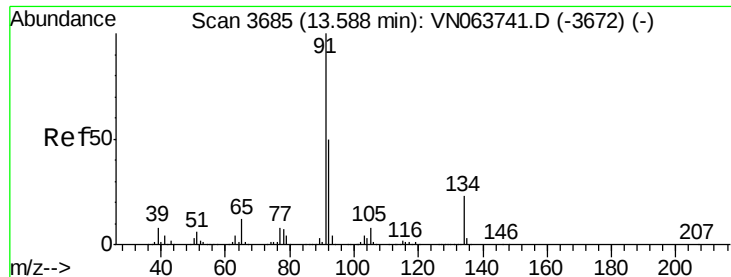
Tot Ion:146 Resp: 314326
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.0 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 49.396 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion:146 Resp: 315424
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.7
 148 63.2 32.0 96.0





#89

n-Butylbenzene

Concen: 45.985 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

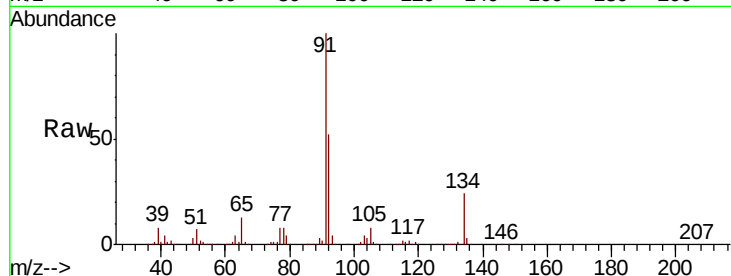
Tot Ion: 91 Resp: 467548

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.4

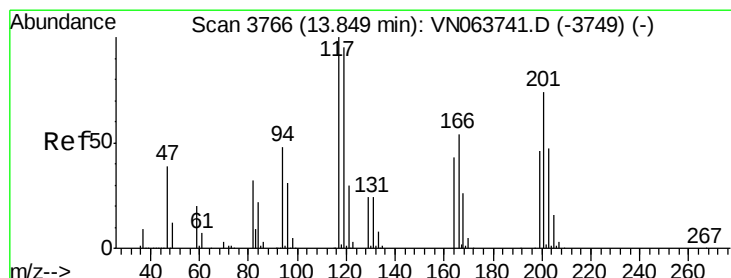
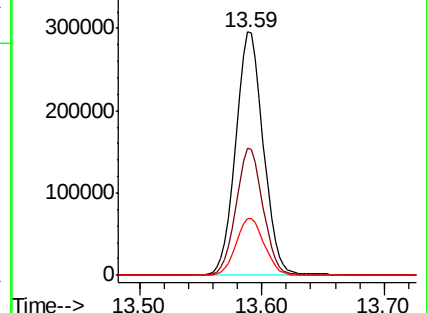
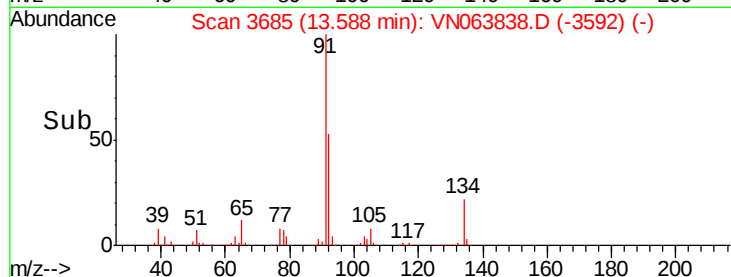
134 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063838.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063838.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063838.D (-3592) (-)



#90

Hexachloroethane

Concen: 50.811 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063838.D

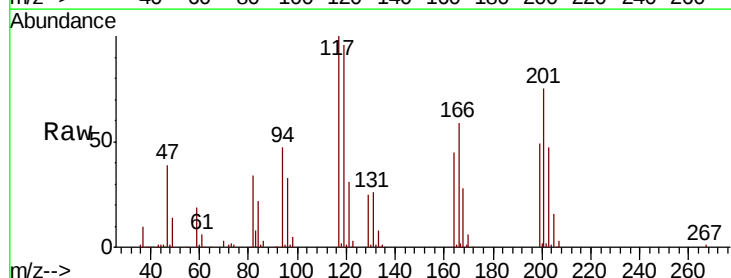
Acq: 2 Oct 2020 22:20

Tgt Ion: 117 Resp: 108465

Ion Ratio Lower Upper

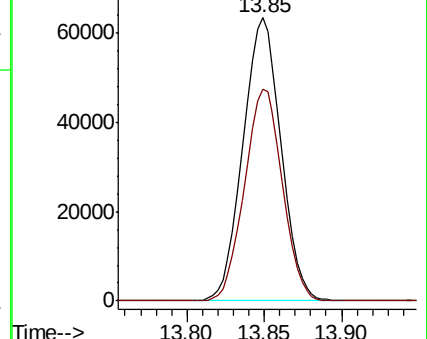
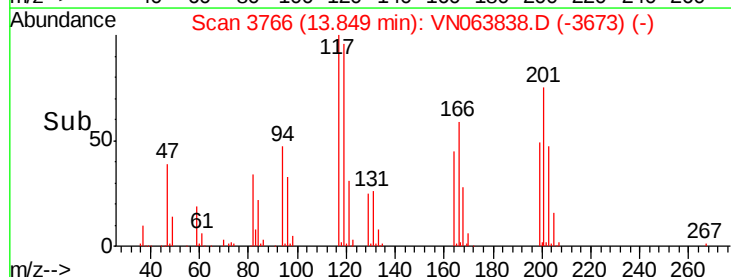
117 100

201 74.5 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063838.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063838.D (-3673) (-)

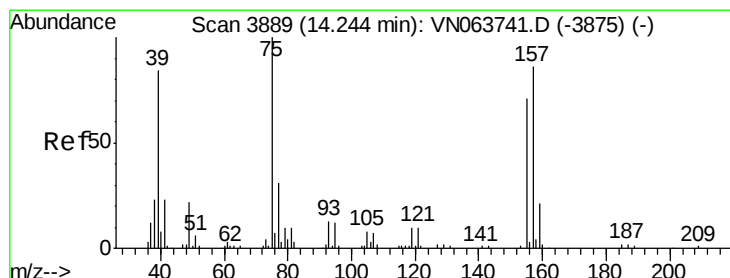
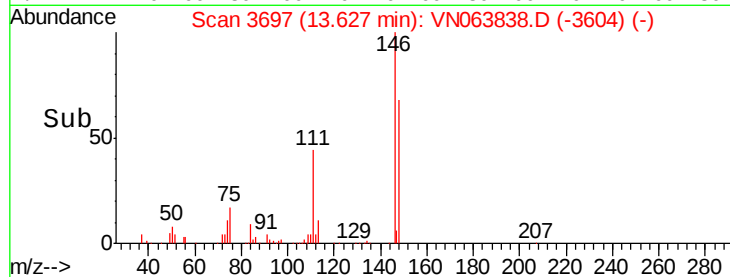
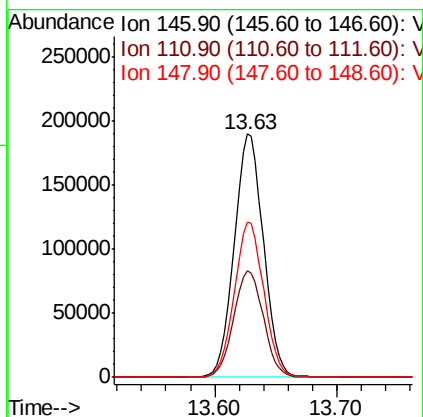
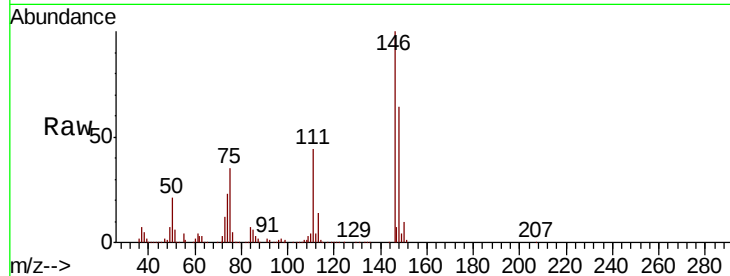




#91
 1,2-Dichlorobenzene
 Concen: 51.990 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

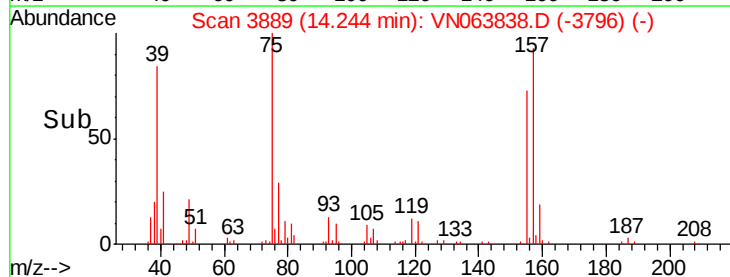
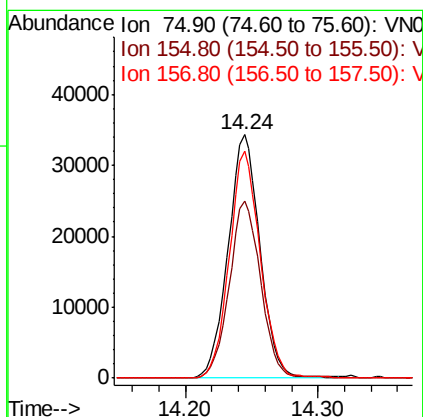
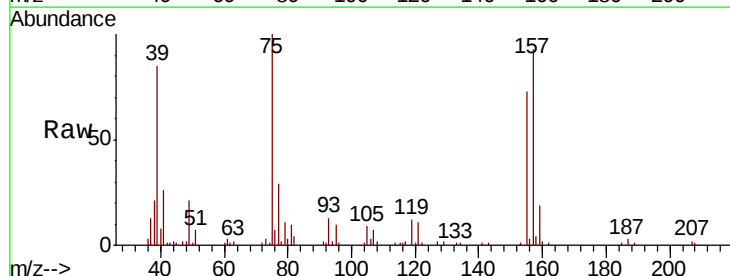
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

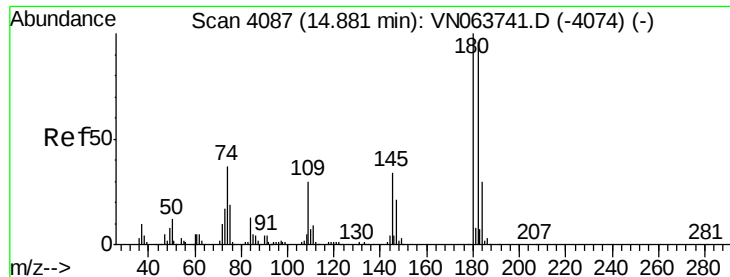
Tot Ion:146 Resp: 315811
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.2 66.6
 148 64.3 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.785 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 75 Resp: 57251
 Ion Ratio Lower Upper
 75 100
 155 71.2 34.8 104.5
 157 90.5 43.7 131.1

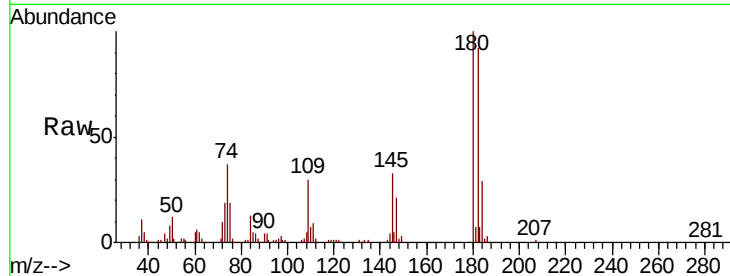




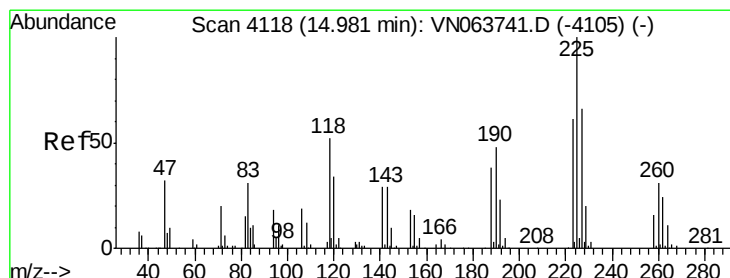
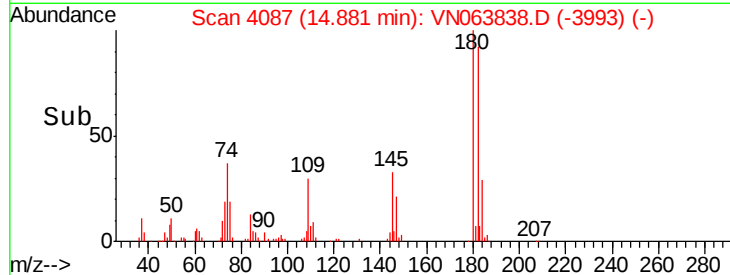
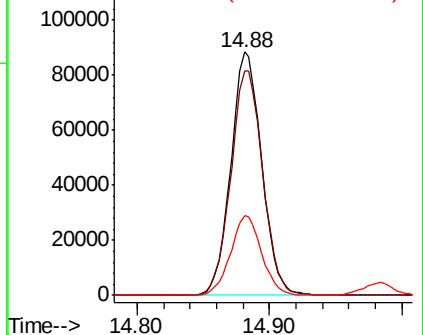
#93
 1,2,4-Trichlorobenzene
 Concen: 43.596 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 143240
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.2 144.6
 145 33.0 17.1 51.2

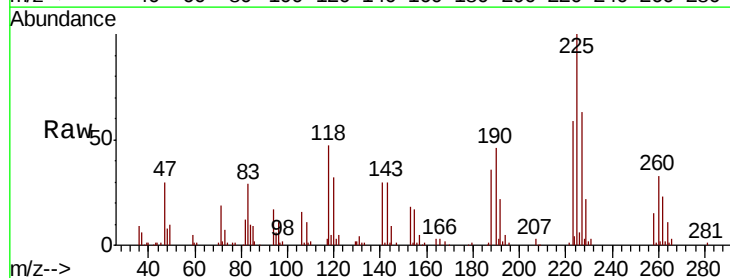


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

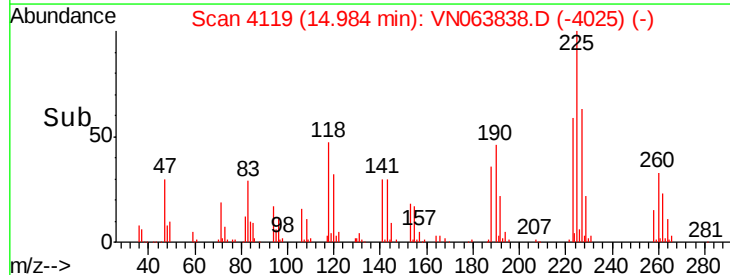
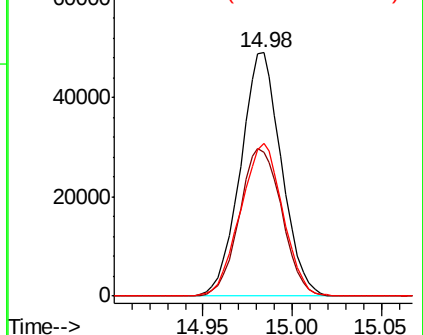


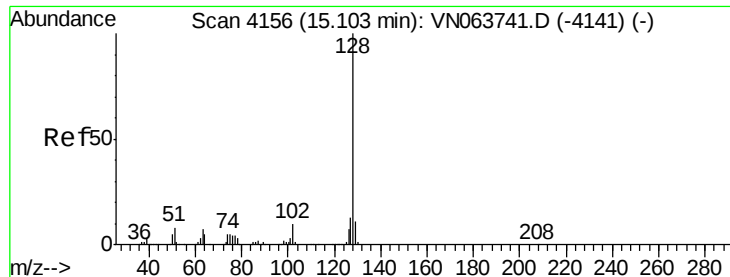
#94
 Hexachlorobutadiene
 Concen: 47.842 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion:225 Resp: 78792
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.3 91.0
 227 64.8 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: 45.307 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

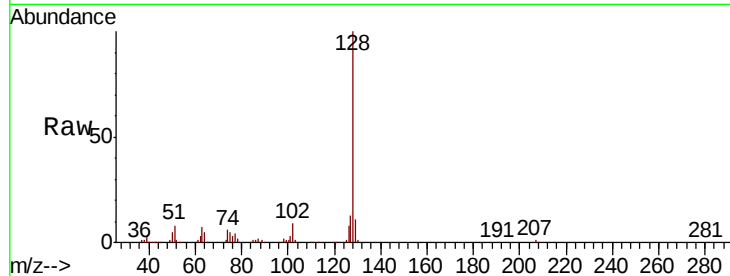
Tot Ion:128 Resp: 461125

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

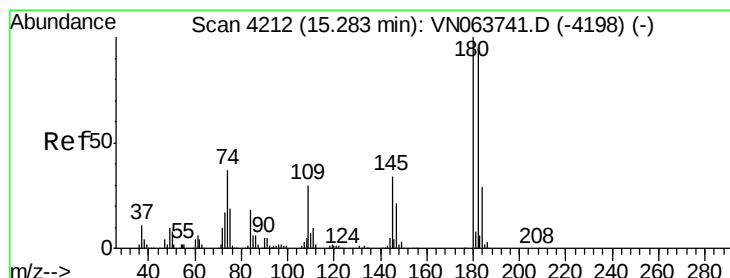
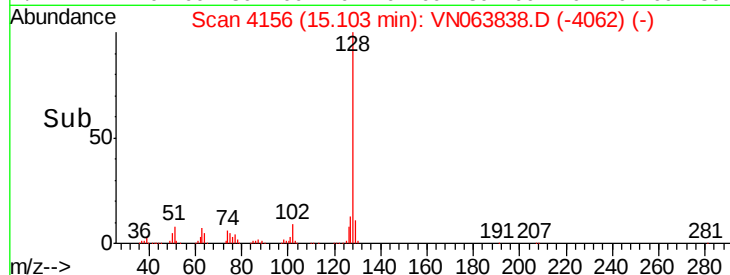
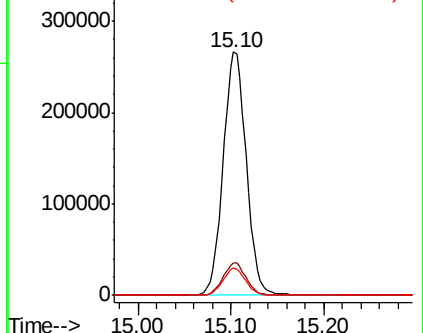
129 10.9 8.7 13.1



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: 44.529 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

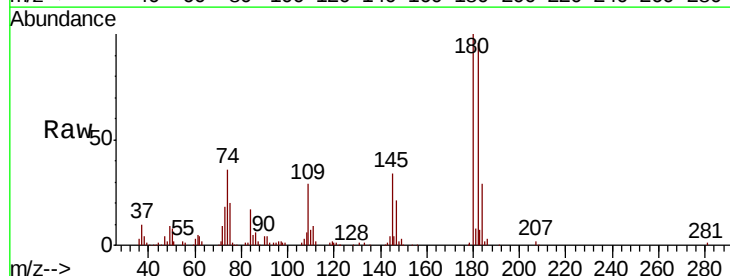
Tgt Ion:180 Resp: 142086

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 33.8 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

