

Data File : VN064110.D
Acq On : 13 Oct 2020 18:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 14 03:03:12 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	7.62	168	261436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201188	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	7.55	113	147326	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.06	98	546078	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.38	95	201959	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	106704	38.681	ug/l	100
3) Chloromethane	2.04	50	140521	43.413	ug/l	98
4) Vinyl Chloride	2.16	62	139190	42.839	ug/l	98
5) Bromomethane	2.52	94	86044	42.102	ug/l	92
6) Chloroethane	2.66	64	91455	47.105	ug/l	99
7) Trichlorofluoromethane	2.98	101	226178	43.892	ug/l	97
8) Diethyl Ether	3.37	74	90311	51.821	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129037	46.851	ug/l	98
10) Methyl Iodide	3.91	142	163463	51.115	ug/l	99
11) Tert butyl alcohol	4.73	59	141288	296.299	ug/l	99
12) 1,1-Dichloroethene	3.69	96	119200	45.278	ug/l	97
13) Acrolein	3.56	56	104421	356.800	ug/l	100
14) Allyl chloride	4.28	41	243702	49.828	ug/l	95
15) Acrylonitrile	4.93	53	409669	300.138	ug/l	100
16) Acetone	3.77	43	376675	283.308	ug/l	97
17) Carbon Disulfide	4.01	76	309012	43.520	ug/l	98
18) Methyl Acetate	4.28	43	223799	64.831	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	500774	52.357	ug/l	100
20) Methylene Chloride	4.50	84	156596	51.419	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	137221	46.535	ug/l	91
22) Diisopropyl ether	5.90	45	569717	56.617	ug/l	96
23) Vinyl Acetate	5.84	43	2338697	280.570	ug/l	99
24) 1,1-Dichloroethane	5.80	63	291589	50.680	ug/l	98
25) 2-Butanone	6.78	43	585143	310.423	ug/l	98
26) 2,2-Dichloropropane	6.77	77	238771	45.317	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	164598	48.534	ug/l	97
28) Bromochloromethane	7.15	49	152696	53.696	ug/l	97
29) Tetrahydrofuran	7.16	42	396058	313.275	ug/l	96
30) Chloroform	7.33	83	300048	50.015	ug/l	94
31) Cyclohexane	7.61	56	228860	45.642	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	263369	48.672	ug/l	98
36) 1,1-Dichloropropene	7.75	75	207555	47.699	ug/l	99
37) Ethyl Acetate	6.88	43	246484	57.015	ug/l	99
38) Carbon Tetrachloride	7.73	117	223756	45.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	190021	43.791	ug/l	98
40) Benzene	8.00	78	630236	50.709	ug/l	98
41) Methacrylonitrile	7.16	41	363534	189.206	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	248894	46.914	ug/l	99
43) Isopropyl Acetate	8.13	43	409392	57.412	ug/l #	91
44) Trichloroethene	8.80	130	151809	46.618	ug/l	99
45) 1,2-Dichloropropane	9.08	63	179293	53.416	ug/l	98
46) Dibromomethane	9.17	93	112963	48.785	ug/l	98
47) Bromodichloromethane	9.37	83	245170	51.375	ug/l	98
48) Methyl methacrylate	9.17	41	208064	59.058	ug/l	89
49) 1,4-Dioxane	9.17	88	51718	1032.903	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1281063	306.132	ug/l	99
52) Toluene	10.13	92	388413	50.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	265436	51.889	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	273334	51.092	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	161847	52.498	ug/l	98
56) Ethyl methacrylate	10.40	69	248428	56.849	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276050	52.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	668550	286.007	ug/l	99
59) 2-Hexanone	10.72	43	936456	301.243	ug/l	100
60) Dibromochloromethane	10.87	129	183563	51.127	ug/l	98
61) 1,2-Dibromoethane	10.98	107	164292	52.096	ug/l	99
64) Tetrachloroethene	10.60	164	136676	43.654	ug/l	99
65) Chlorobenzene	11.41	112	409412	49.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	163306	51.314	ug/l	99
67) Ethyl Benzene	11.48	91	755485	50.015	ug/l	100
68) m/p-Xylenes	11.59	106	545730	96.938	ug/l	98
69) o-Xylene	11.92	106	264680	50.301	ug/l	99
70) Styrene	11.94	104	468153	52.413	ug/l	98
71) Bromoform	12.10	173	127074	52.208	ug/l #	97
73) Isopropylbenzene	12.22	105	713138	51.329	ug/l	99
74) N-amyl acetate	12.05	43	354838	54.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237888	55.993	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	323037	76.933	ug/l #	100
77) Bromobenzene	12.50	156	179058	52.523	ug/l	99
78) n-propylbenzene	12.57	91	815545	50.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	509591	51.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	597808	51.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82643	56.687	ug/l	96
82) 4-Chlorotoluene	12.75	91	526593	51.010	ug/l	100
83) tert-Butylbenzene	12.97	119	481134	50.463	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	598952	51.468	ug/l	97
85) sec-Butylbenzene	13.15	105	628942	50.224	ug/l	100
86) p-Isopropyltoluene	13.26	119	567968	51.268	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	307296	49.824	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	305646	47.596	ug/l	98
89) n-Butylbenzene	13.59	91	455907	44.588	ug/l	99
90) Hexachloroethane	13.85	117	108831	50.696	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	310311	50.797	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52001	52.191	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101320\
Quantitation Report (Not Reviewed)

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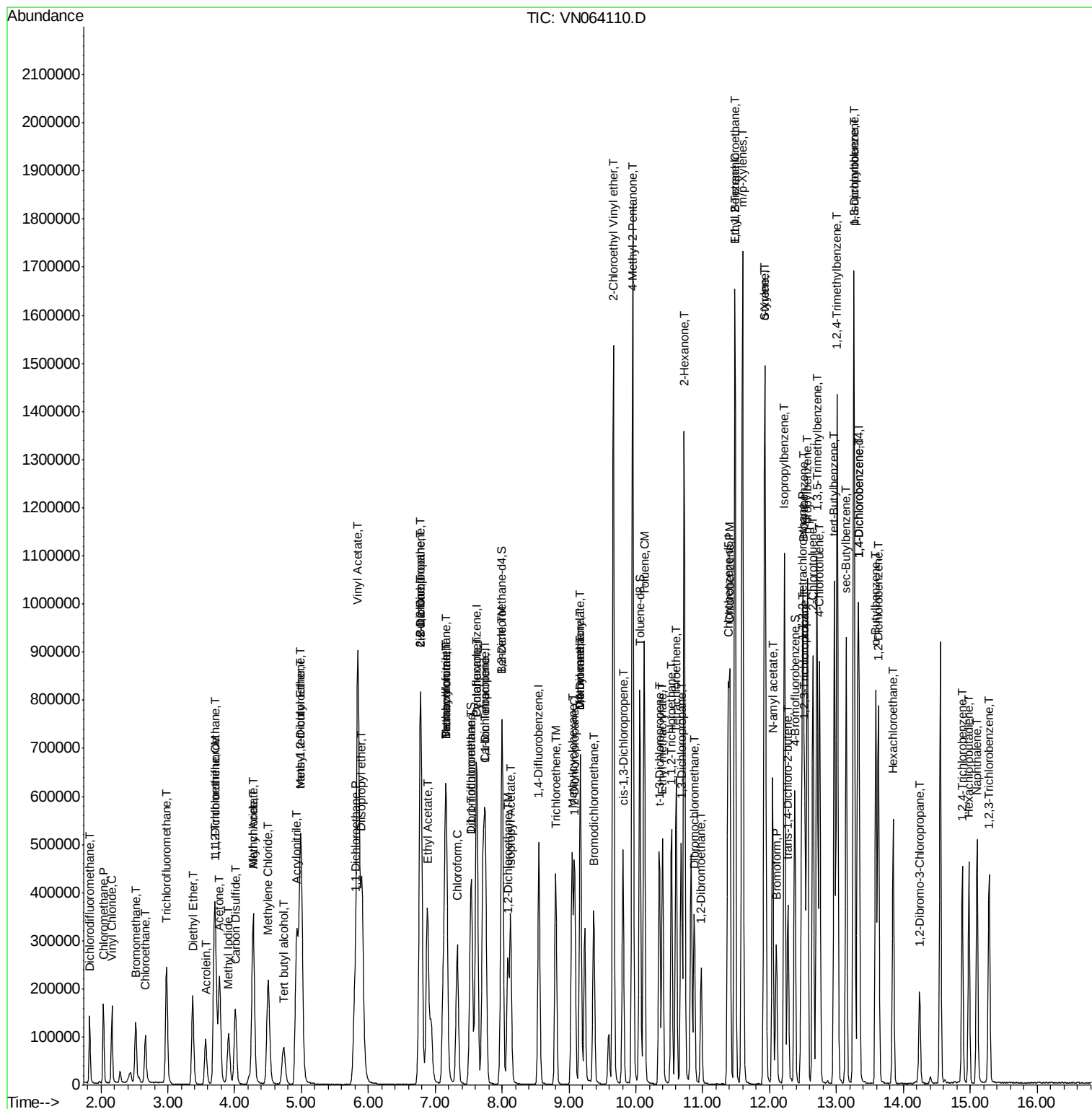
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	134811	40.911	ug/l	99
94) Hexachlorobutadiene	14.98	225	81401	49.147	ug/l	98
95) Naphthalene	15.10	128	418281	41.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138424	43.186	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064110.D

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Instrument :

MSVOA_N

ClientSampleId :

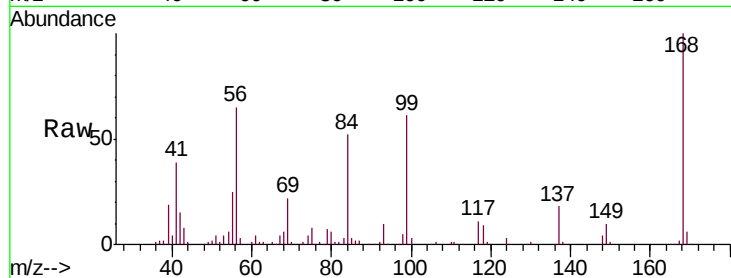
VSTDCCC050EC

Tgt Ion:168 Resp: 261436

Ion Ratio Lower Upper

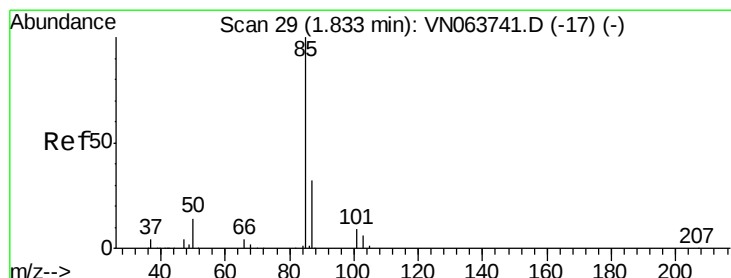
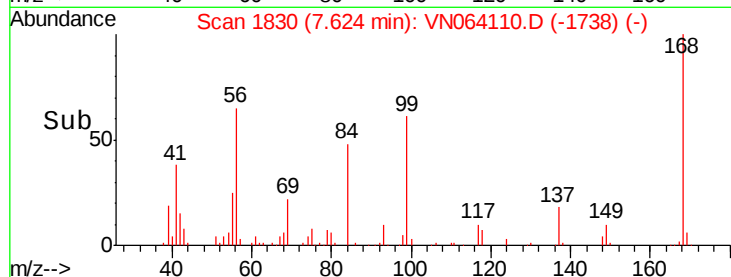
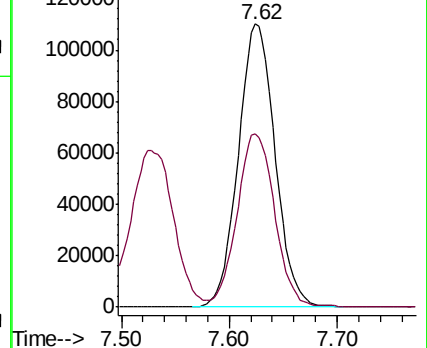
168 100

99 61.1 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: 38.681 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064110.D

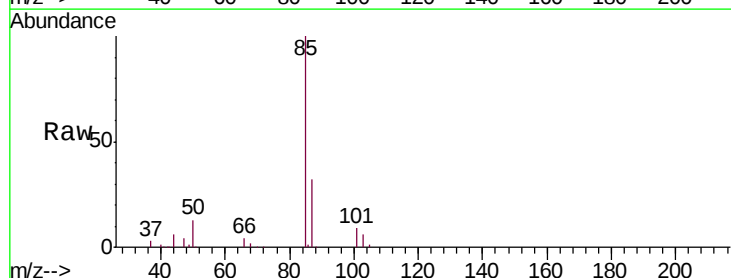
Acq: 13 Oct 2020 18:46

Tgt Ion: 85 Resp: 106704

Ion Ratio Lower Upper

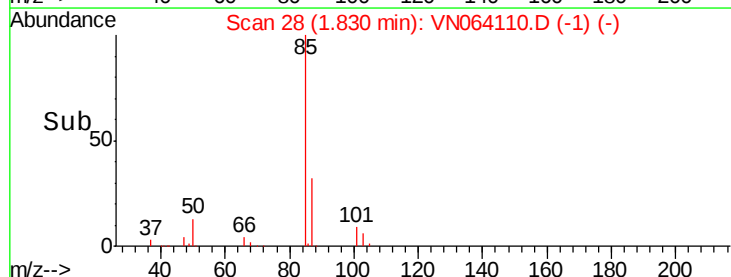
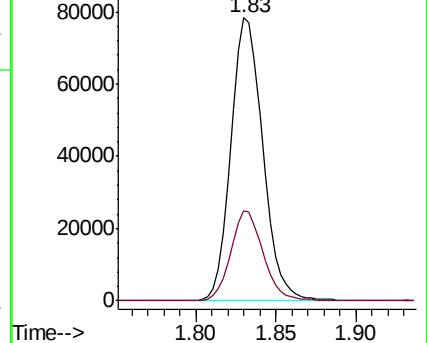
85 100

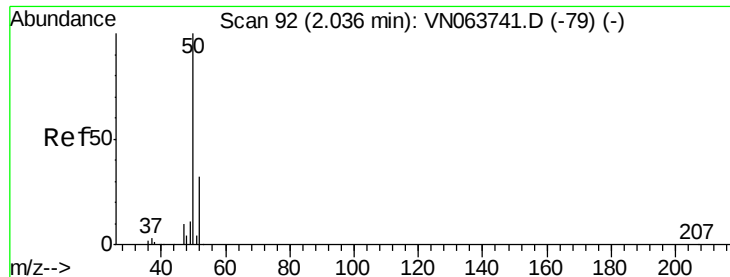
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.413 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

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ClientSampleId :

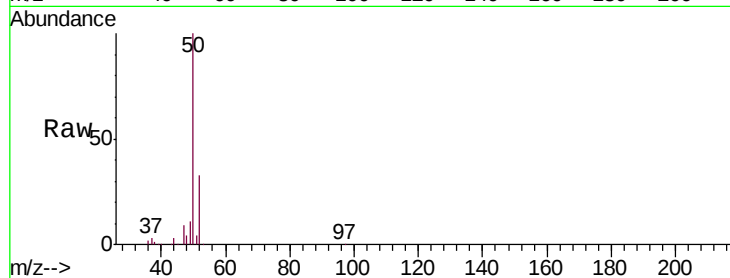
VSTDCCC050EC

Tgt Ion: 50 Resp: 140521

Ion Ratio Lower Upper

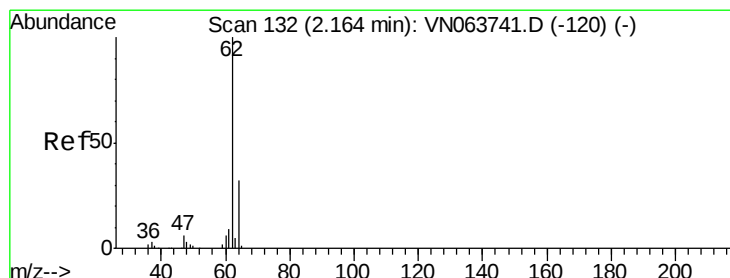
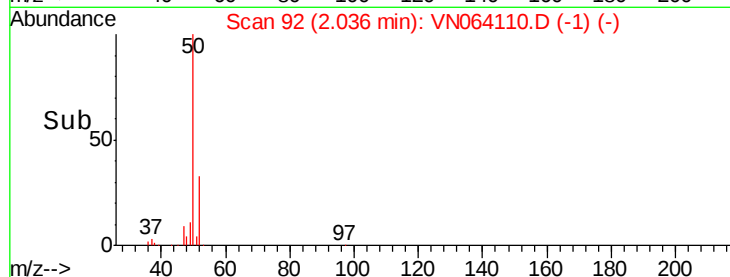
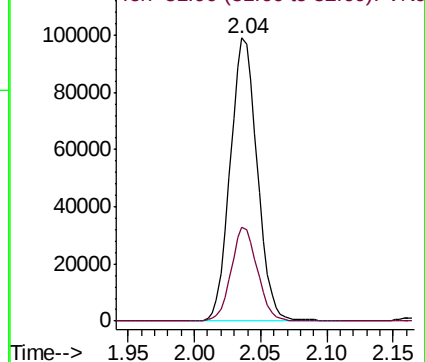
50 100

52 33.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.839 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064110.D

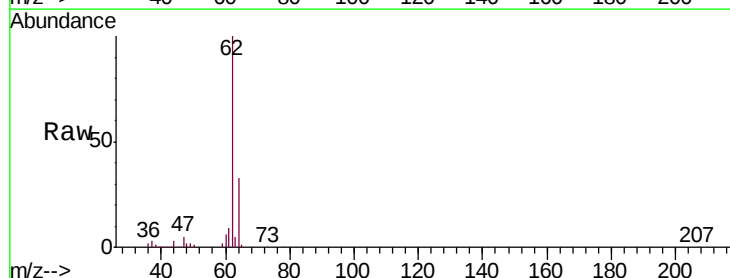
Acq: 13 Oct 2020 18:46

Tgt Ion: 62 Resp: 139190

Ion Ratio Lower Upper

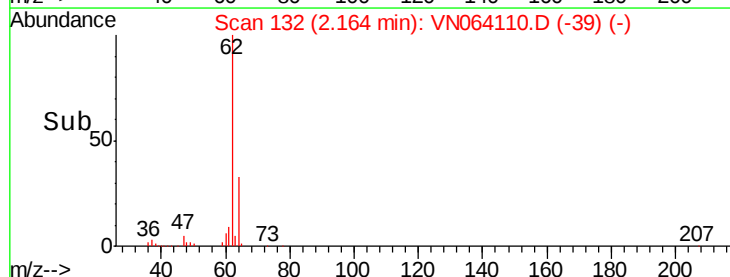
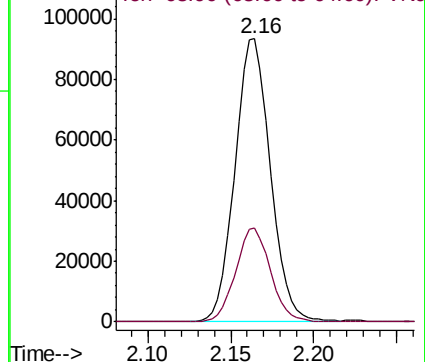
62 100

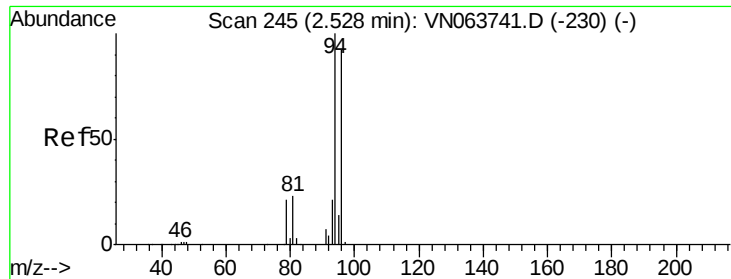
64 33.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 42.102 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

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ClientSampleId :

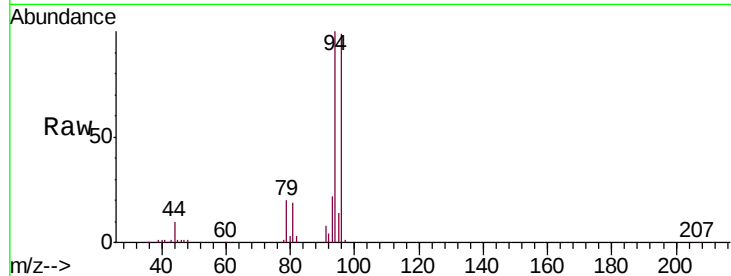
VSTDCCC050EC

Tgt Ion: 94 Resp: 86044

Ion Ratio Lower Upper

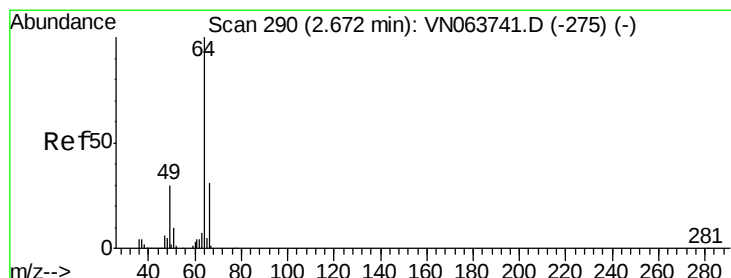
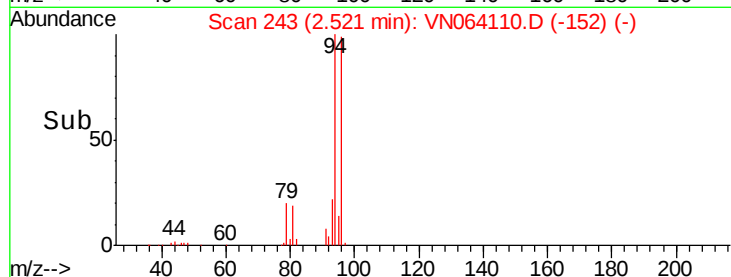
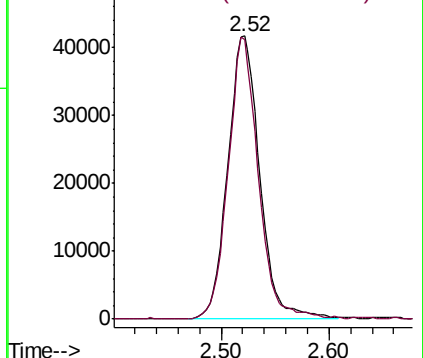
94 100

96 99.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.105 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064110.D

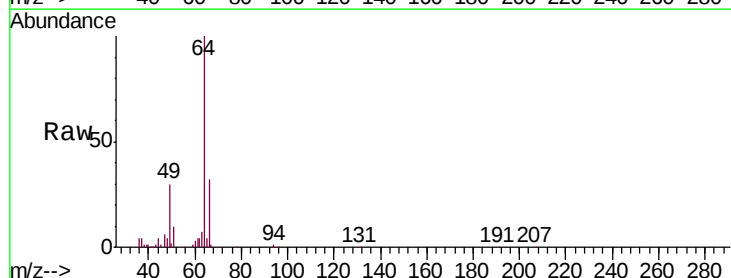
Acq: 13 Oct 2020 18:46

Tgt Ion: 64 Resp: 91455

Ion Ratio Lower Upper

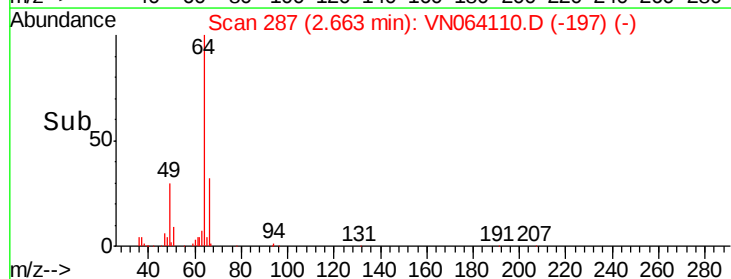
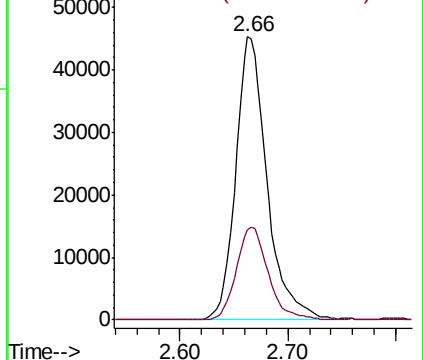
64 100

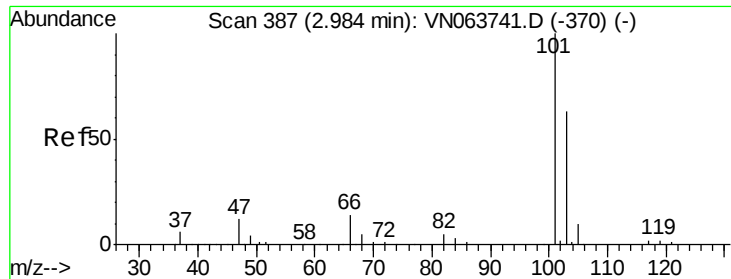
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



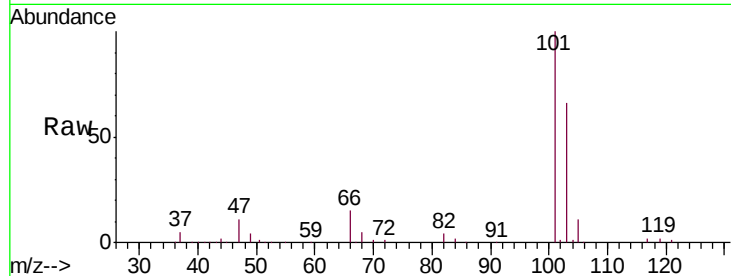


#7

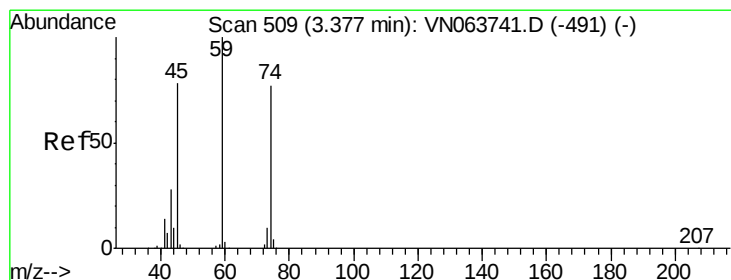
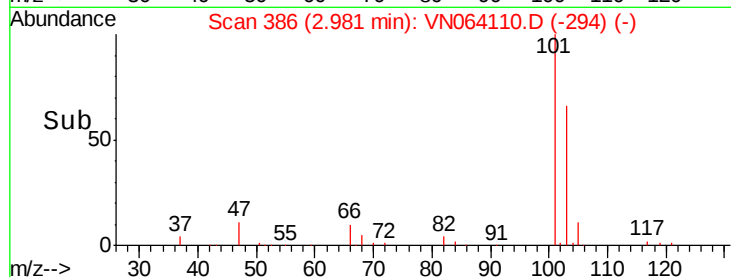
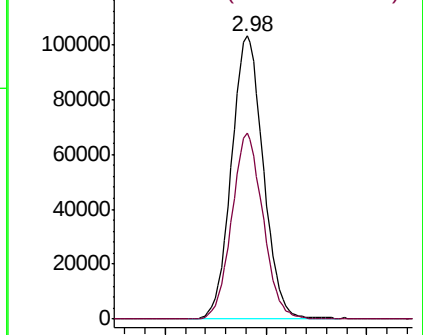
Trichlorofluoromethane
Concen: 43.892 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064110.D
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Instrument :
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Tgt Ion:101 Resp: 226178
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1



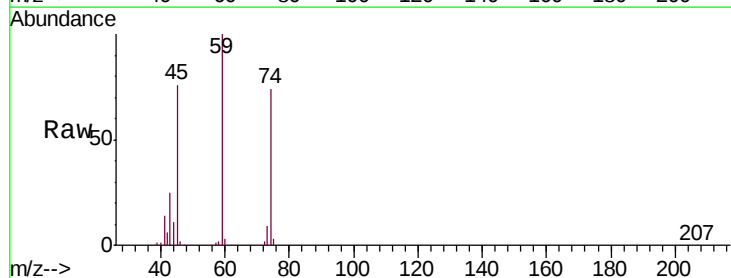
Abundance Ion 100.90 (100.60 to 101.60): V
120000 Ion 102.80 (102.50 to 103.50): V



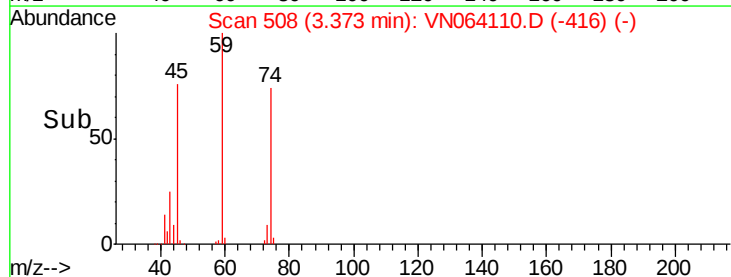
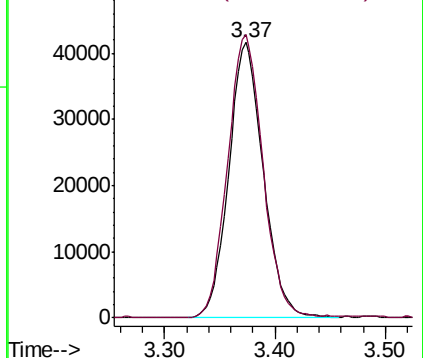
#8

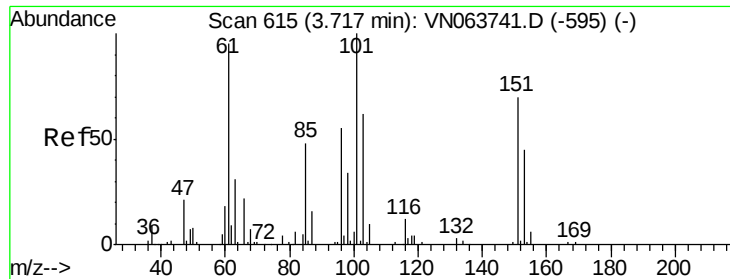
Diethyl Ether
Concen: 51.821 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064110.D
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Tgt Ion: 74 Resp: 90311
Ion Ratio Lower Upper
74 100
45 105.2 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
50000 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.851 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

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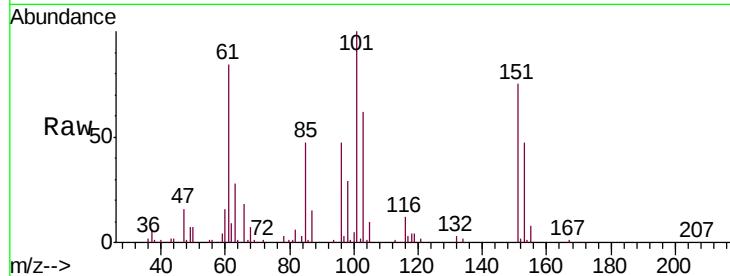
Tgt Ion:101 Resp: 129037

Ion Ratio Lower Upper

101 100

85 46.7 38.6 58.0

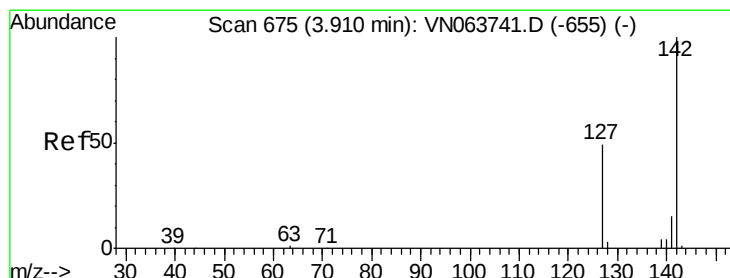
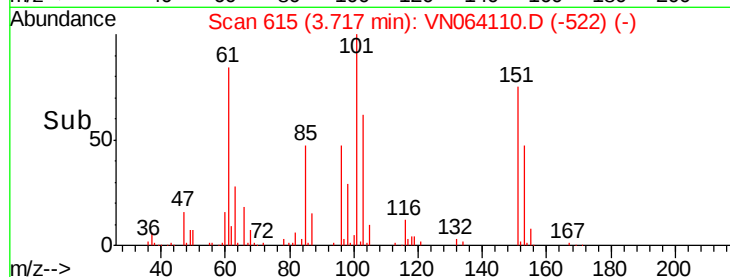
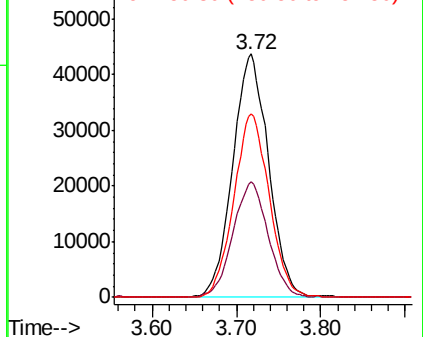
151 74.5 58.7 88.1



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: 51.115 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

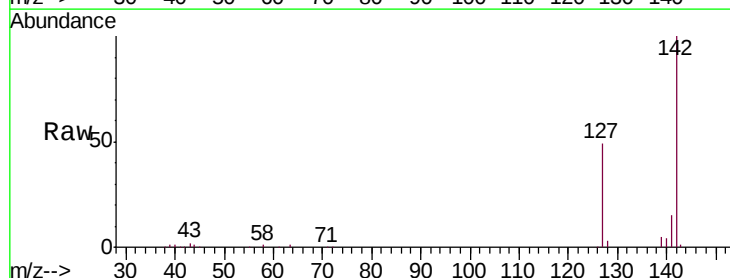
Tgt Ion:142 Resp: 163463

Ion Ratio Lower Upper

142 100

127 49.4 40.5 60.7

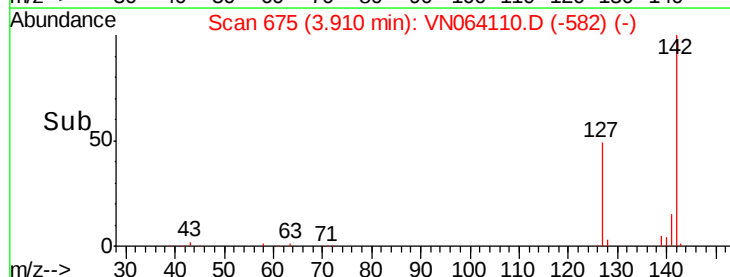
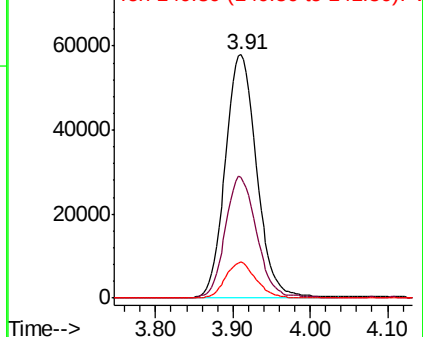
141 14.3 11.7 17.5

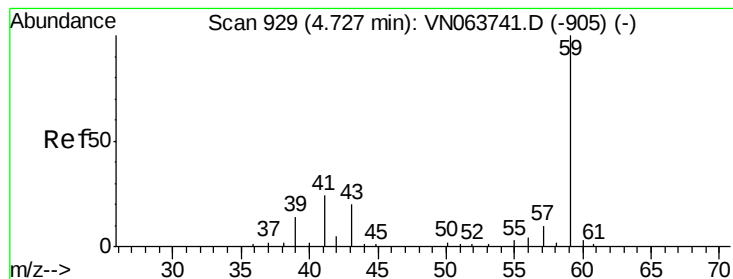


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



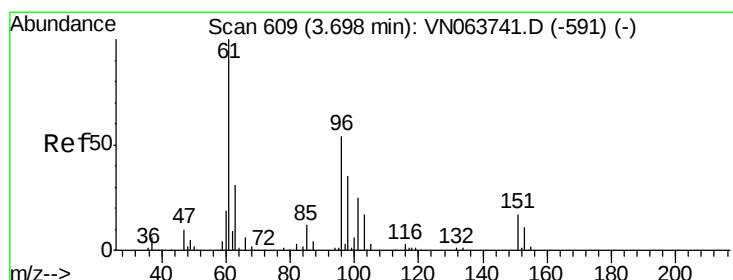
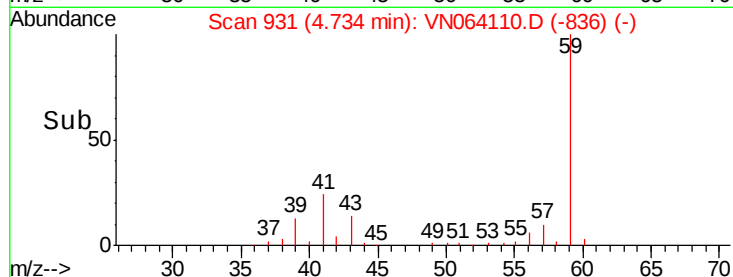
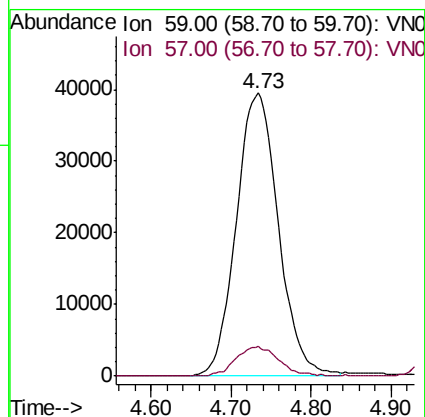
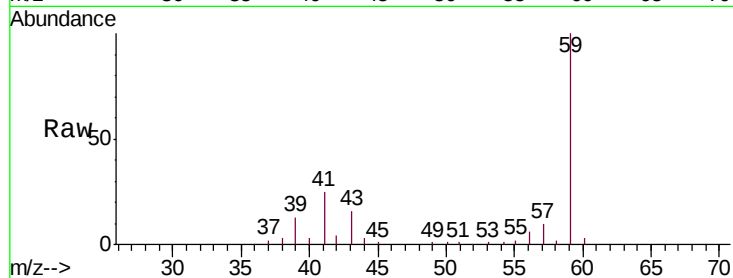


#11

Tert butyl alcohol
Concen: 296.299 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

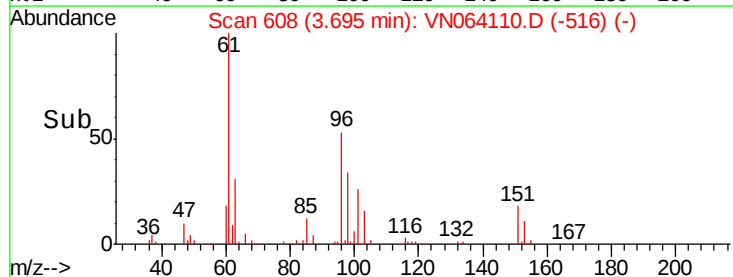
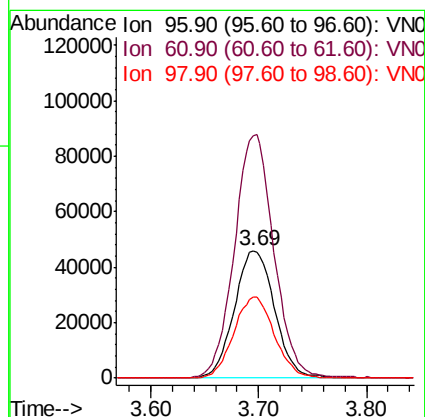
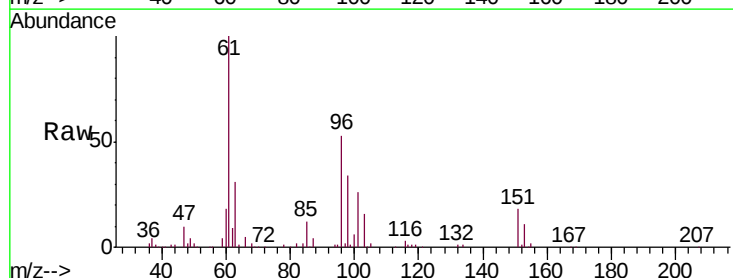
Tgt Ion: 59 Resp: 141288
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

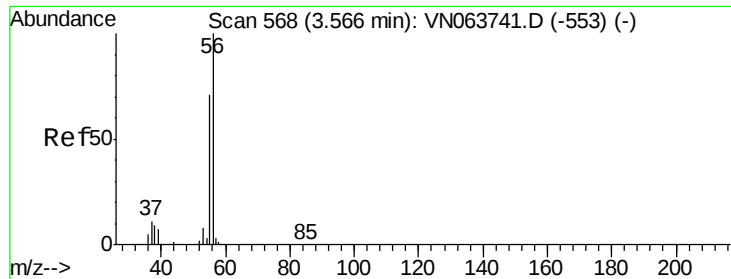


#12

1,1-Dichloroethene
Concen: 45.278 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 96 Resp: 119200
Ion Ratio Lower Upper
96 100
61 189.1 147.7 221.5
98 63.9 51.9 77.9

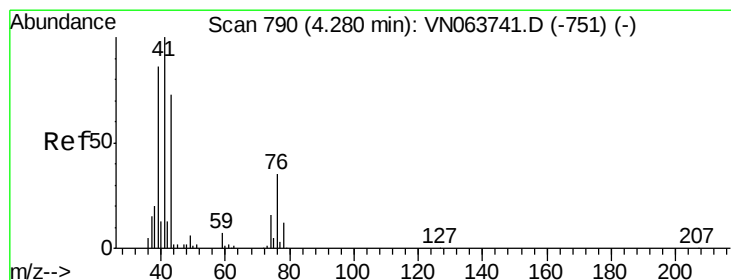
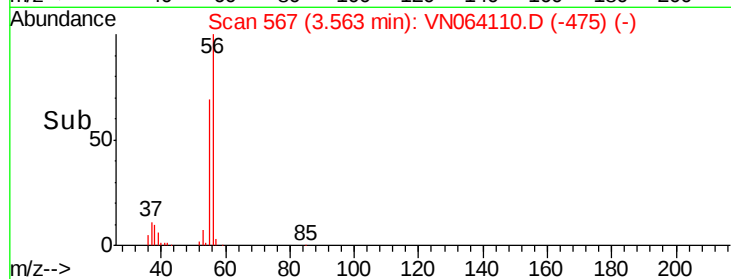
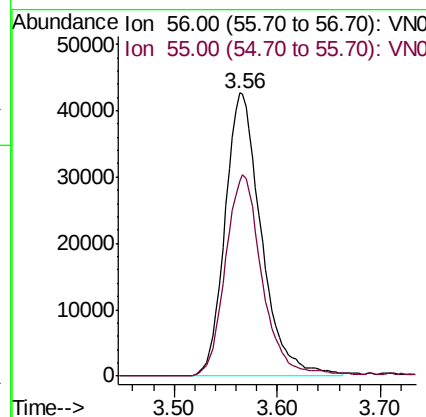
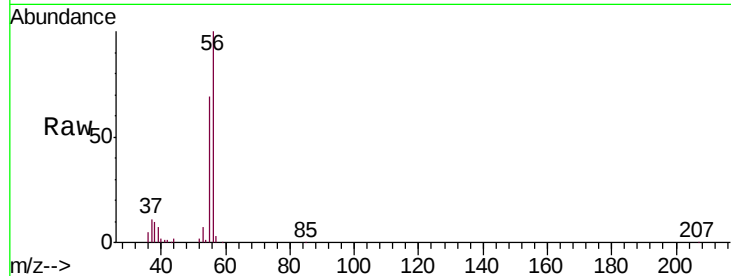




#13
 Acrolein
 Concen: 356.800 ug/l
 RT: 3.56 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

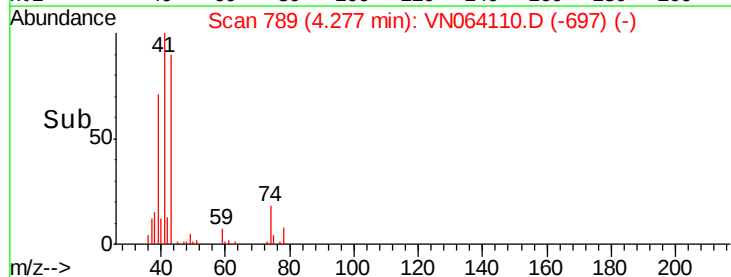
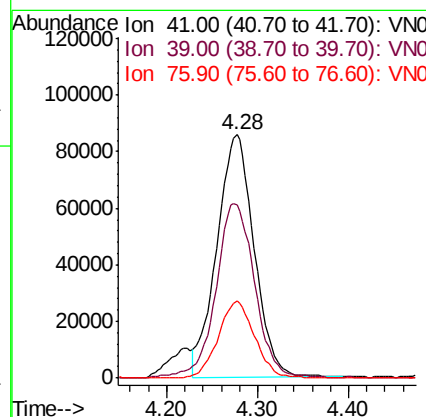
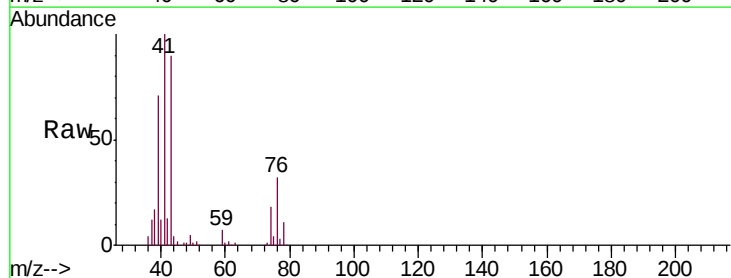
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

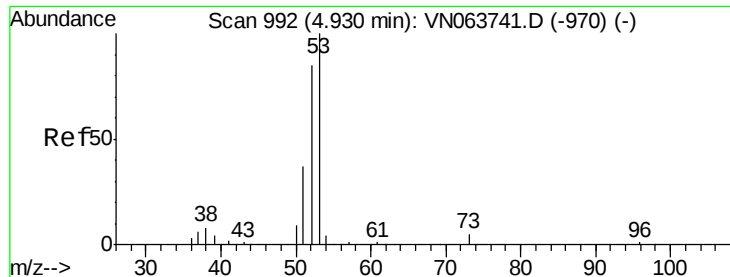
Tgt Ion: 56 Resp: 104421
 Ion Ratio Lower Upper
 56 100
 55 71.1 56.9 85.3



#14
 Allyl chloride
 Concen: 49.828 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 41 Resp: 243702
 Ion Ratio Lower Upper
 41 100
 39 75.6 64.5 96.7
 76 30.7 25.9 38.9





#15

Acrylonitrile

Concen: 300.138 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

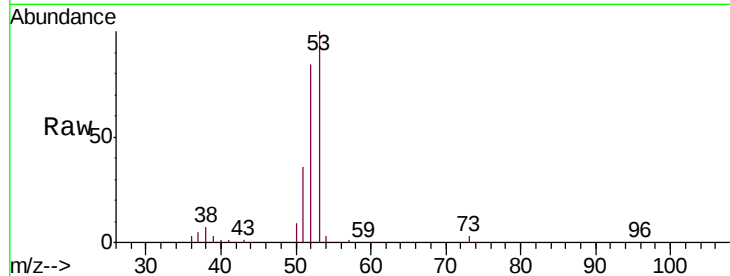
Tgt Ion: 53 Resp: 409669

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 36.9 29.9 44.9

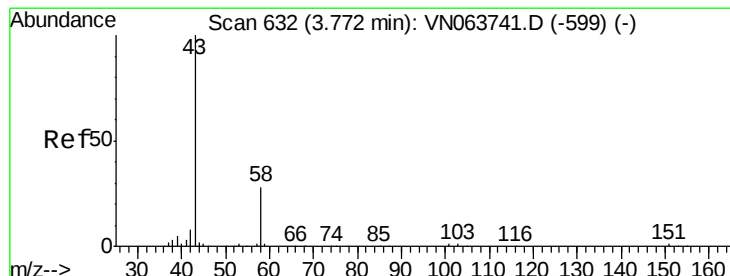
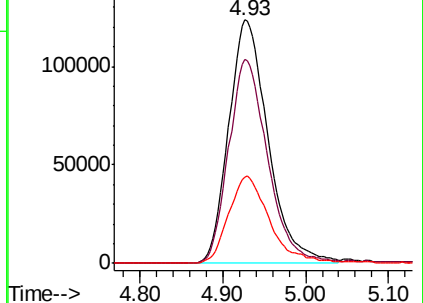
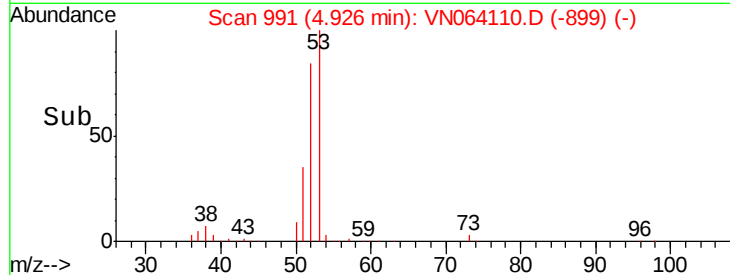


Abundance Ion 53.00 (52.70 to 53.70): VN064110.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064110.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064110.D (-899) (-)

Time-->



#16

Acetone

Concen: 283.308 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064110.D

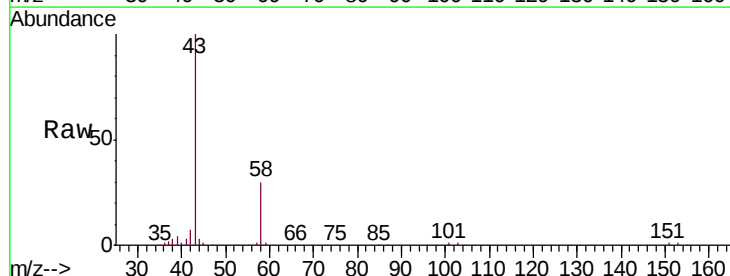
Acq: 13 Oct 2020 18:46

Tgt Ion: 43 Resp: 376675

Ion Ratio Lower Upper

43 100

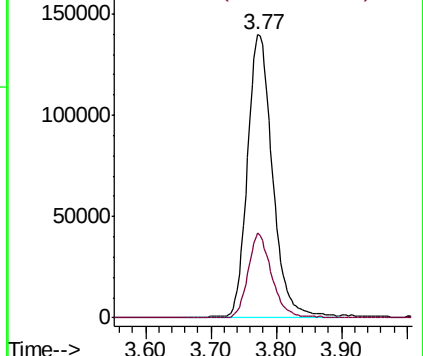
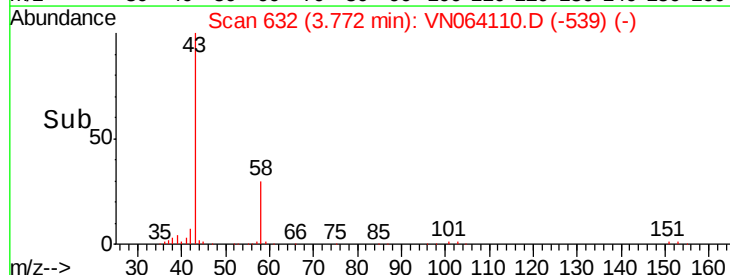
58 29.7 22.3 33.5

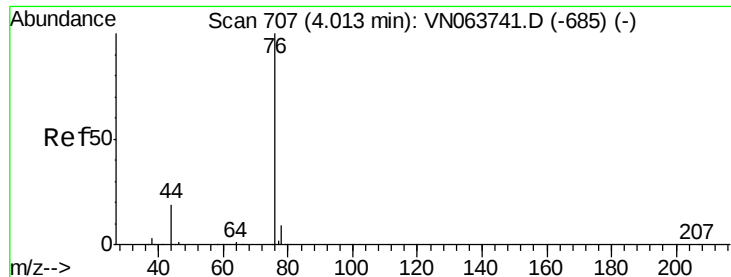


Abundance Ion 43.00 (42.70 to 43.70): VN064110.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064110.D (-539) (-)

Time-->





#17

Carbon Disulfide

Concen: 43.520 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

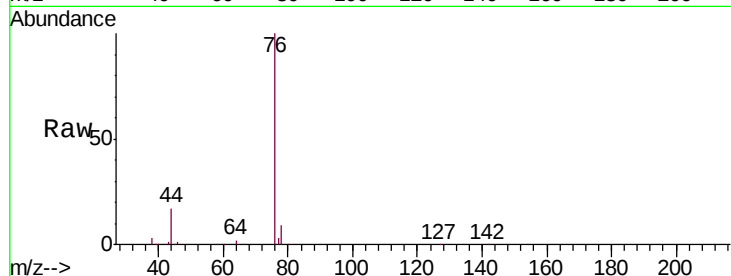
VSTDCCC050EC

Tgt Ion: 76 Resp: 309012

Ion Ratio Lower Upper

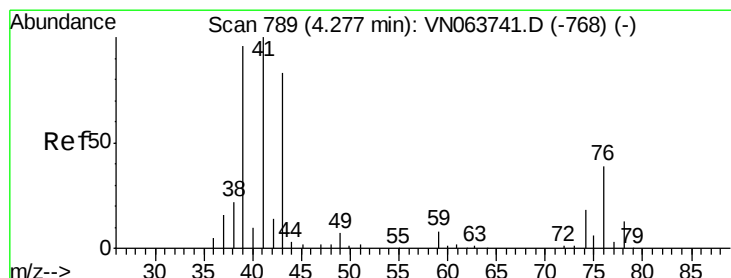
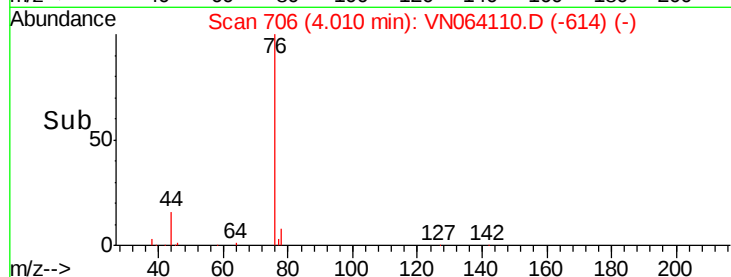
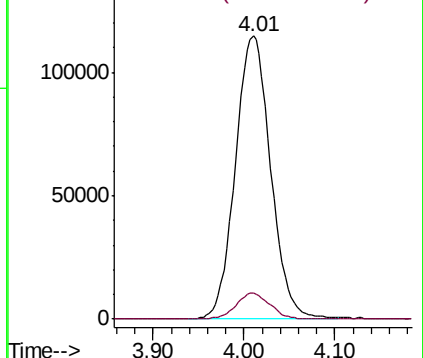
76 100

78 9.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 64.831 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064110.D

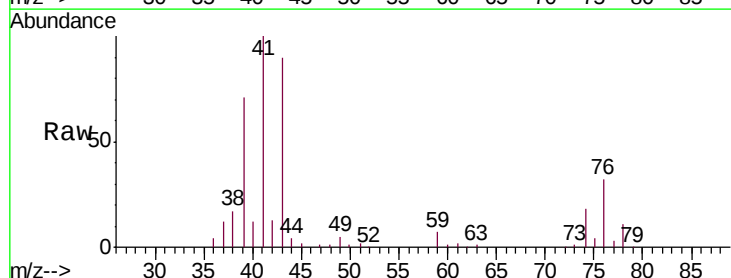
Acq: 13 Oct 2020 18:46

Tgt Ion: 43 Resp: 223799

Ion Ratio Lower Upper

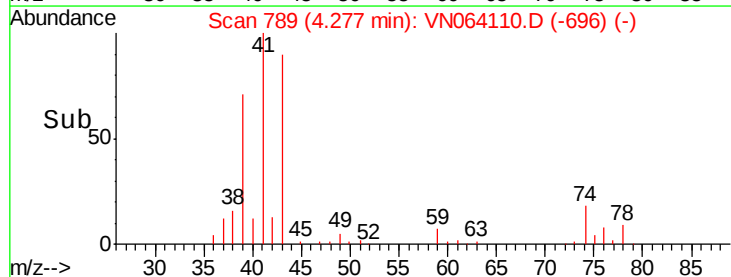
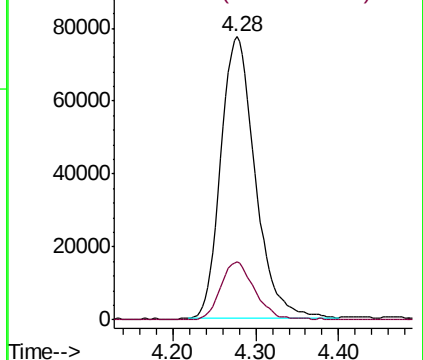
43 100

74 20.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

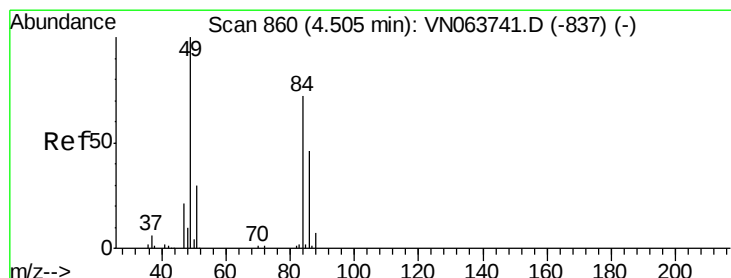
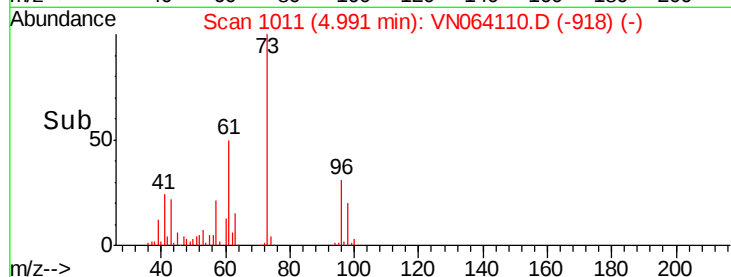
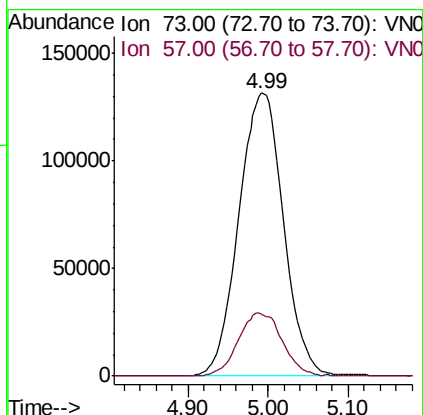
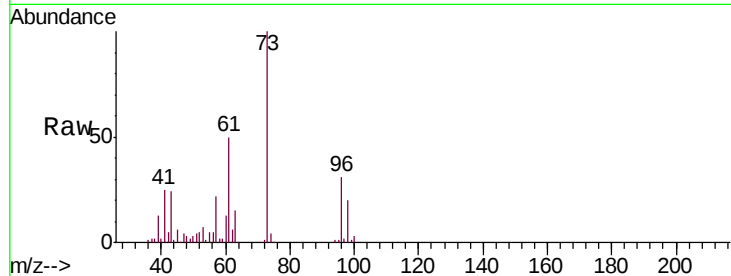




#19
Methyl tert-butyl Ether
Concen: 52.357 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

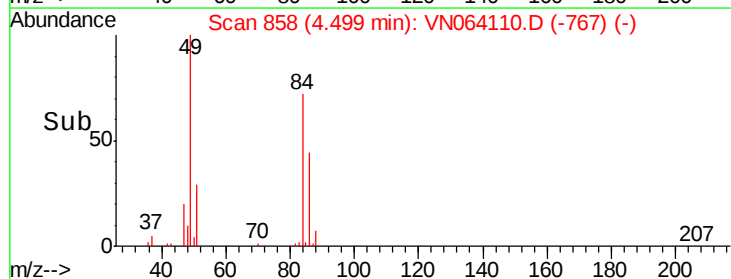
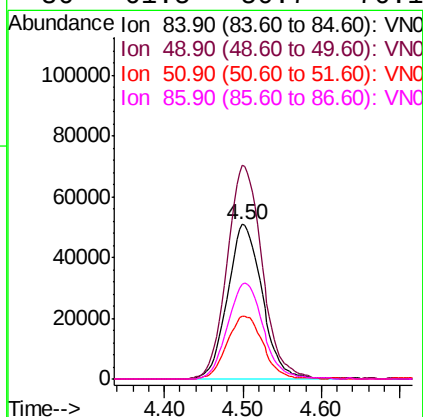
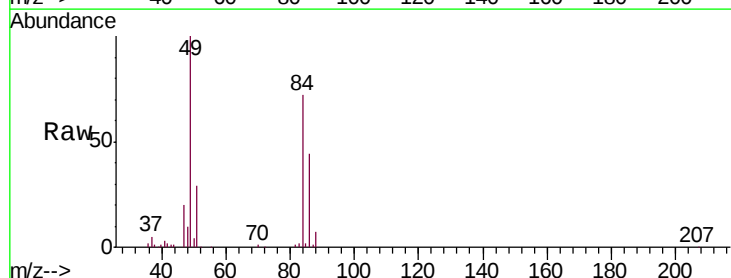
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

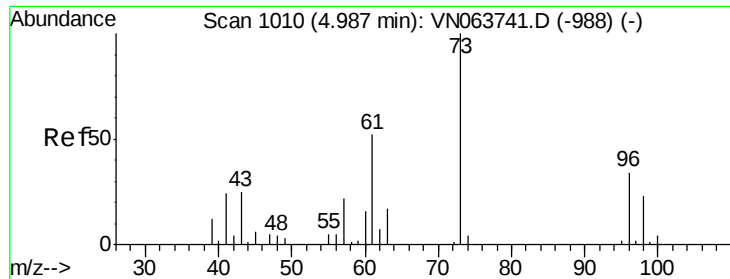
Tgt Ion: 73 Resp: 500774
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 51.419 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 84 Resp: 156596
Ion Ratio Lower Upper
84 100
49 138.0 110.4 165.6
51 40.6 33.3 49.9
86 61.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 46.535 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

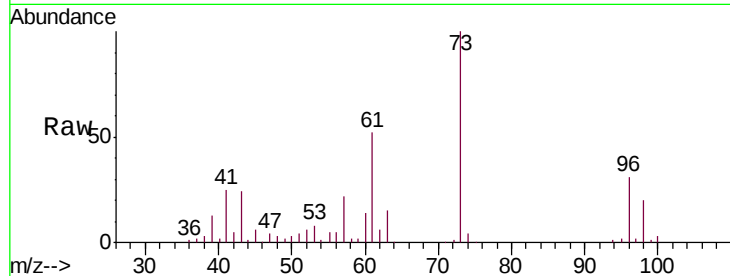
Tgt Ion: 96 Resp: 137221

Ion Ratio Lower Upper

96 100

61 166.1 120.2 180.2

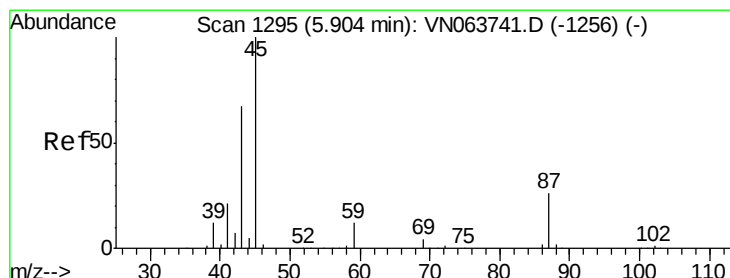
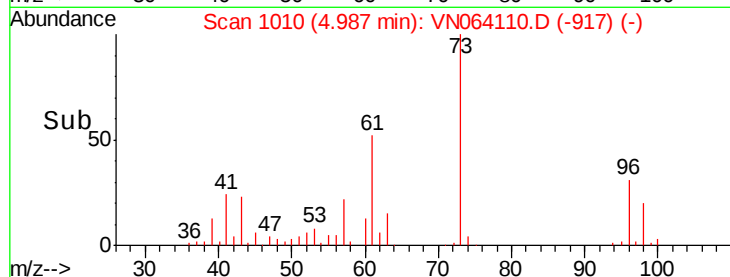
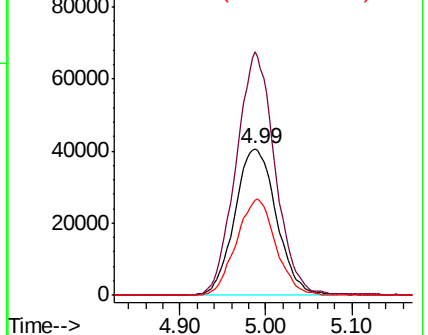
98 65.0 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN064110.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064110.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064110.D (-917) (-)



#22

Diisopropyl ether

Concen: 56.617 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion: 45 Resp: 569717

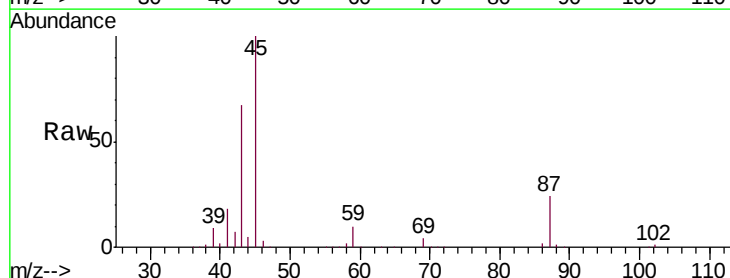
Ion Ratio Lower Upper

45 100

43 64.9 53.7 80.5

87 23.6 21.1 31.7

59 10.0 9.2 13.8

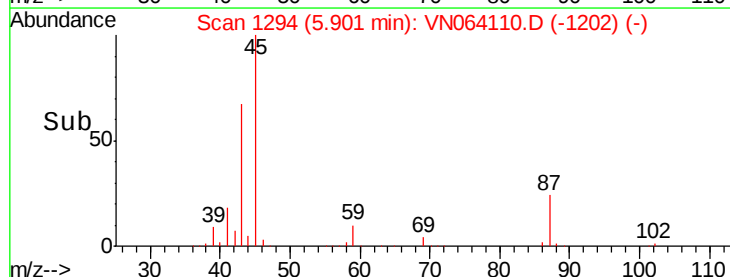
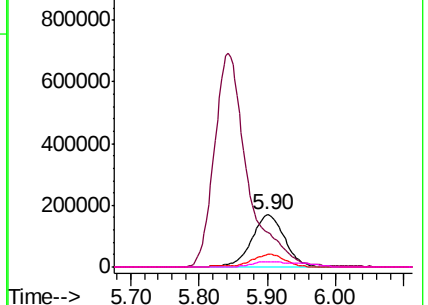


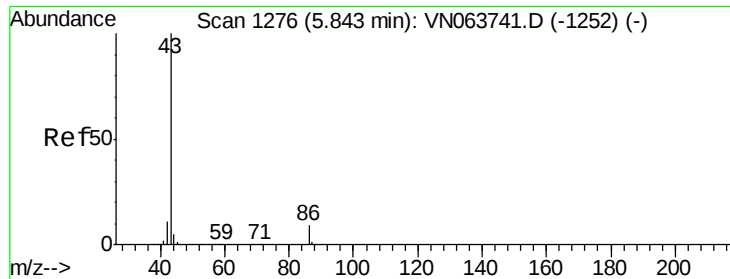
Abundance Ion 45.00 (44.70 to 45.70): VN064110.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064110.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064110.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064110.D (-1202) (-)

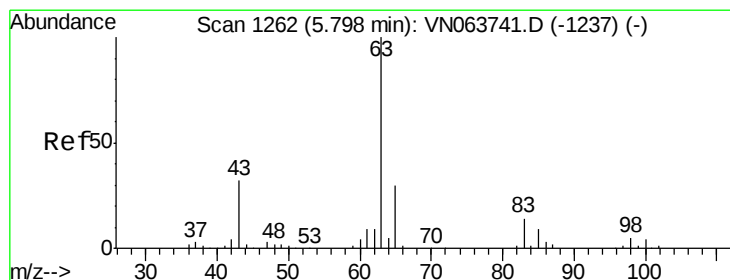
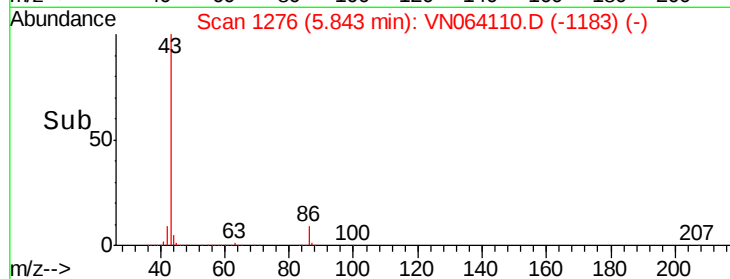
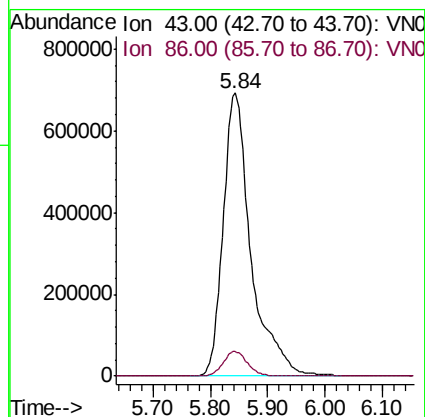
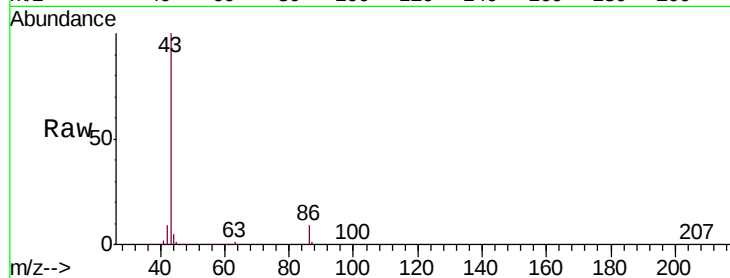




#23
 Vinyl Acetate
 Concen: 280.570 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

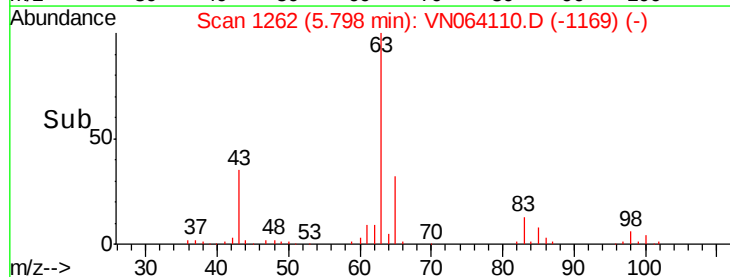
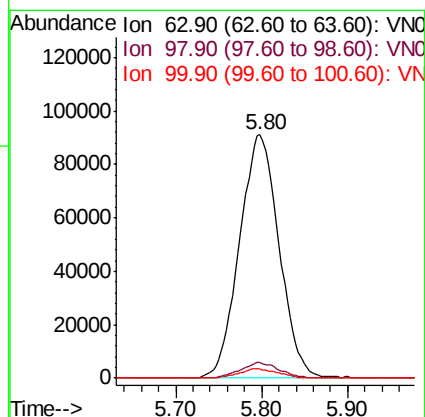
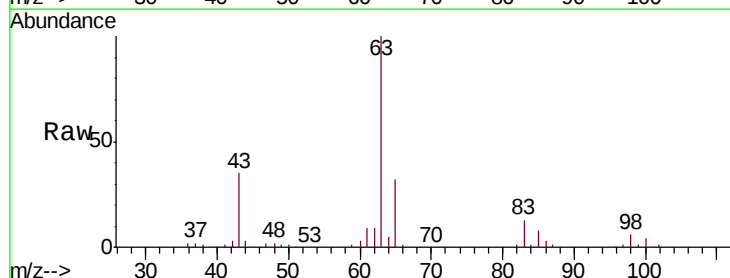
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2338697
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.680 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 63 Resp: 291589
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.8 1.9 5.7

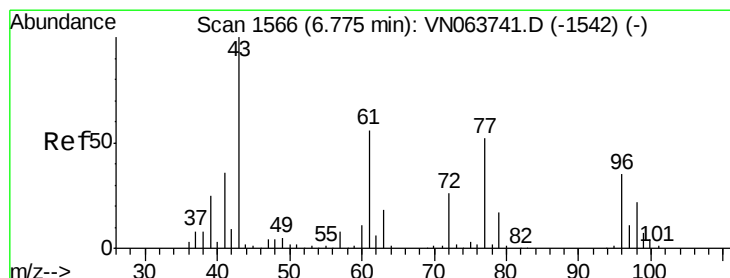
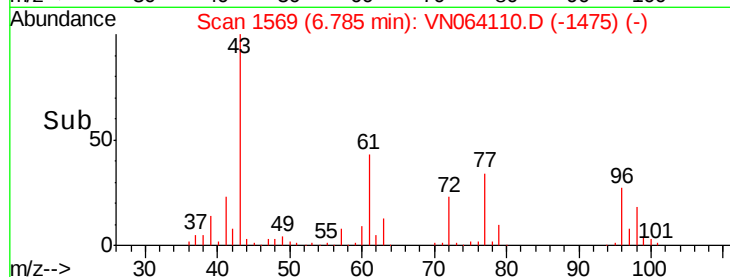
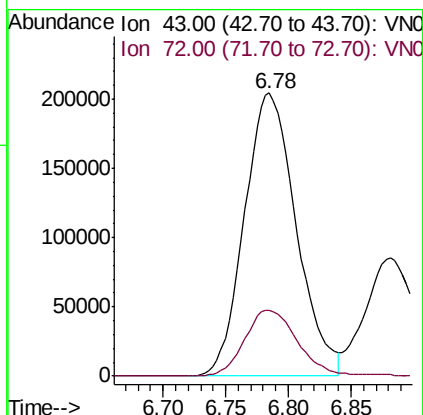
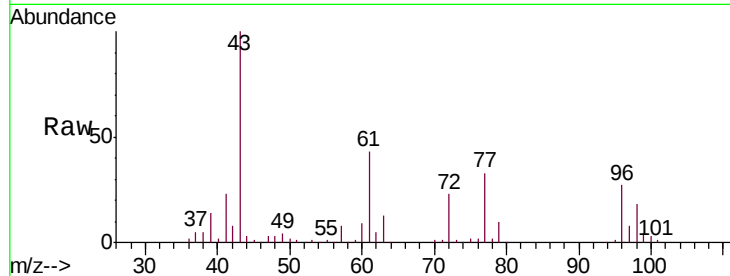




#25
2-Butanone
Concen: 310.423 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

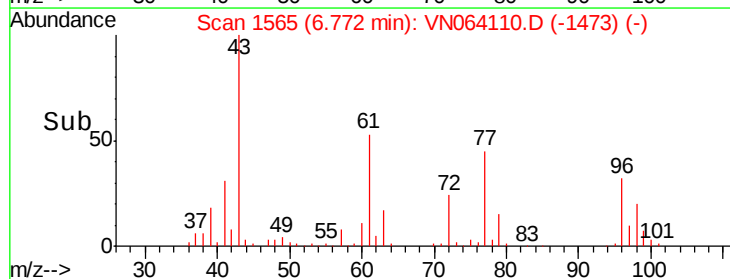
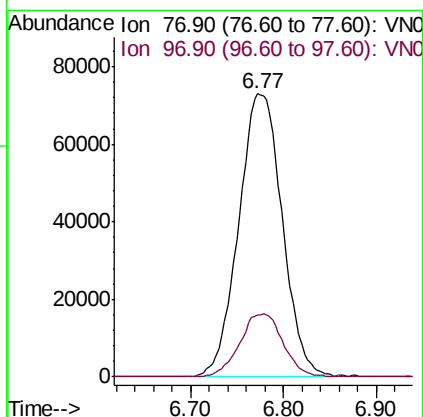
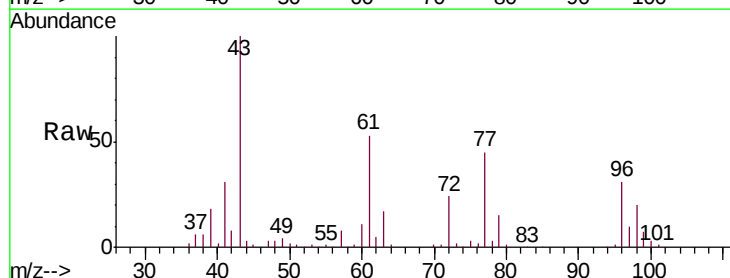
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

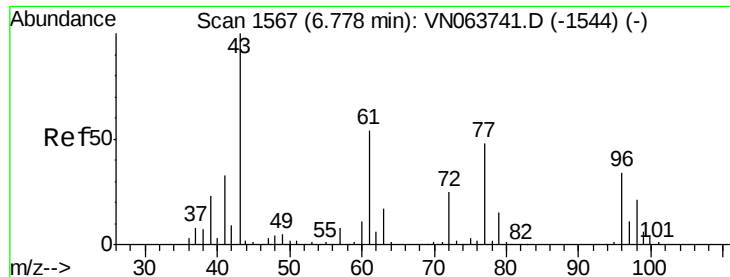
Tgt Ion: 43 Resp: 585143
Ion Ratio Lower Upper
43 100
72 23.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 45.317 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 77 Resp: 238771
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.534 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

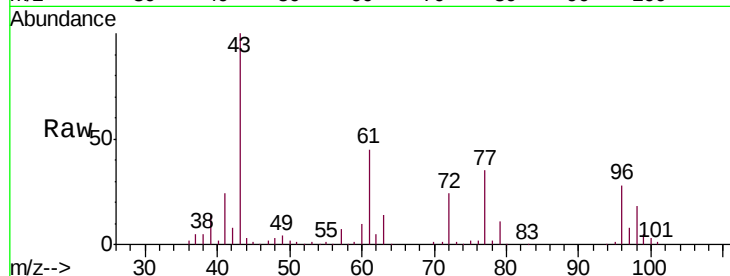
Tgt Ion: 96 Resp: 164598

Ion Ratio Lower Upper

96 100

61 164.9 0.0 321.2

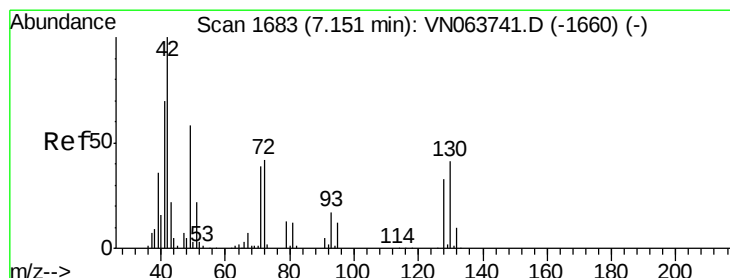
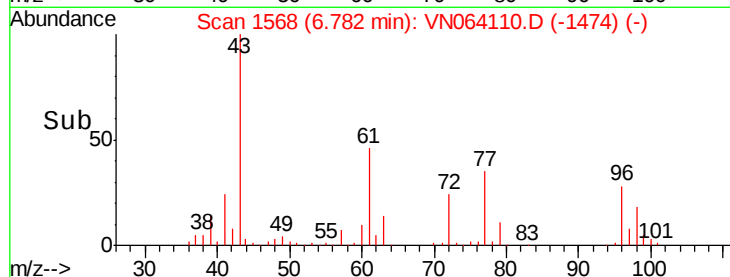
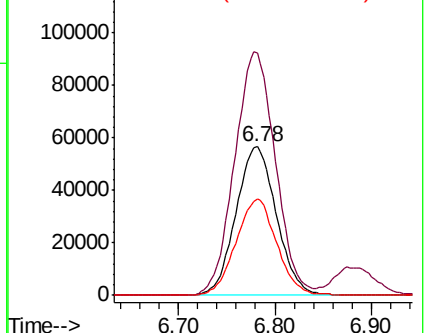
98 65.3 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN064110.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN064110.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN064110.D (-1544) (-)



#28

Bromochloromethane

Concen: 53.696 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

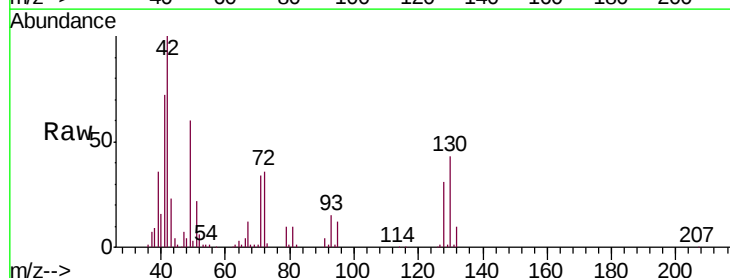
Tgt Ion: 49 Resp: 152696

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

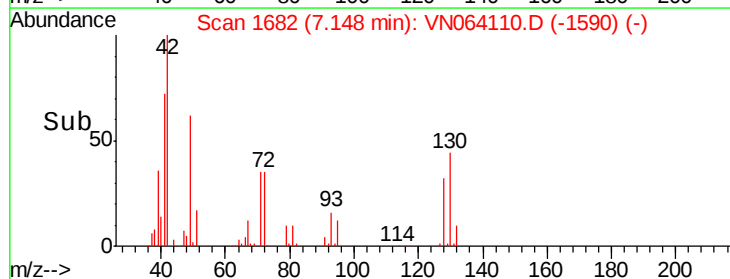
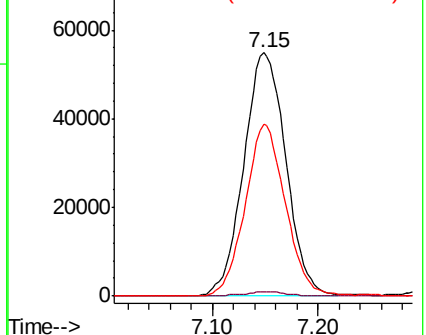
130 67.3 55.6 83.4

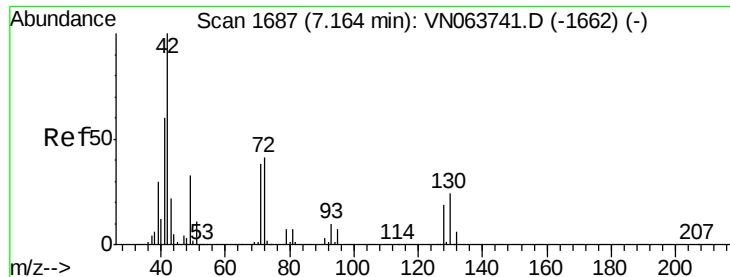


Abundance Ion 48.90 (48.60 to 49.60): VN064110.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064110.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064110.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 313.275 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

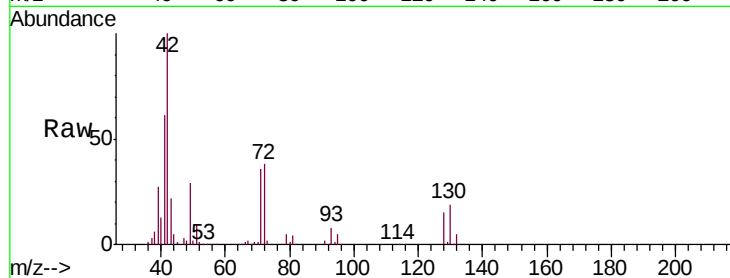
Tgt Ion: 42 Resp: 396058

Ion Ratio Lower Upper

42 100

72 38.0 32.8 49.2

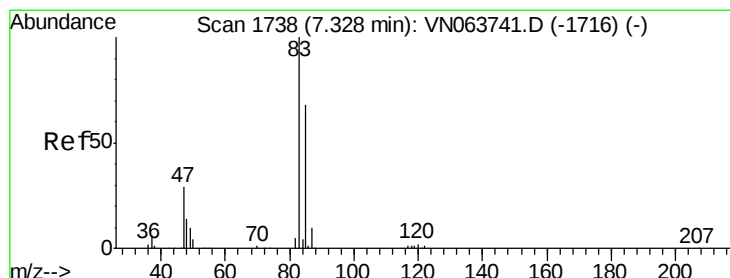
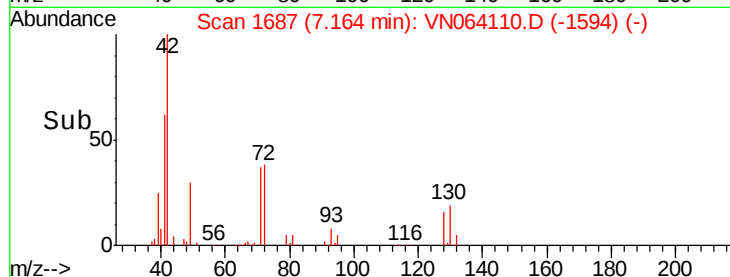
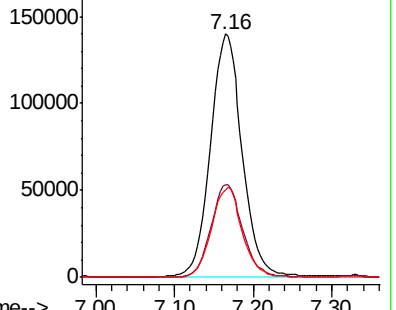
71 36.2 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN064110.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN064110.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN064110.D (-1662) (-)



#30

Chloroform

Concen: 50.015 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064110.D

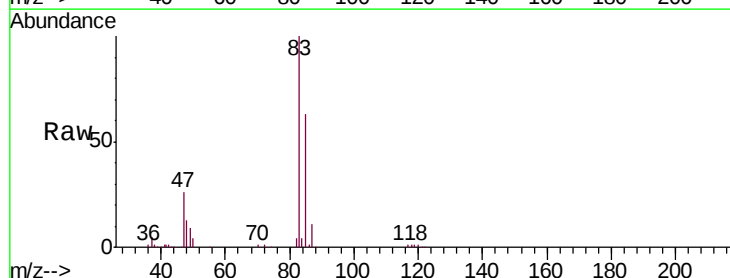
Acq: 13 Oct 2020 18:46

Tgt Ion: 83 Resp: 300048

Ion Ratio Lower Upper

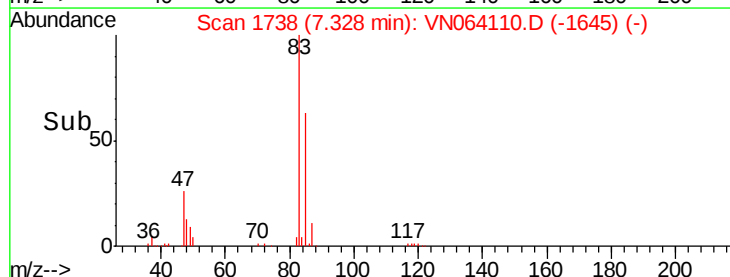
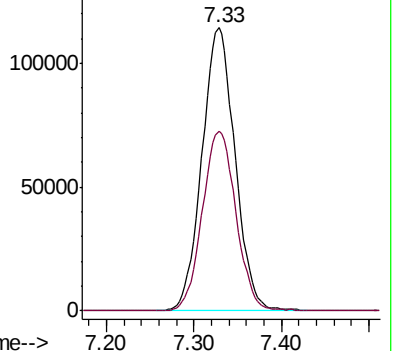
83 100

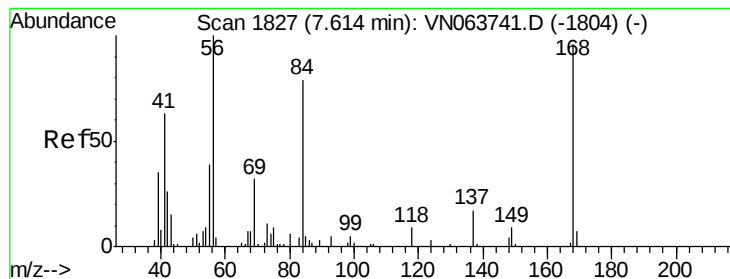
85 63.4 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN064110.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064110.D (-1645) (-)





#31

Cyclohexane

Concen: 45.642 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

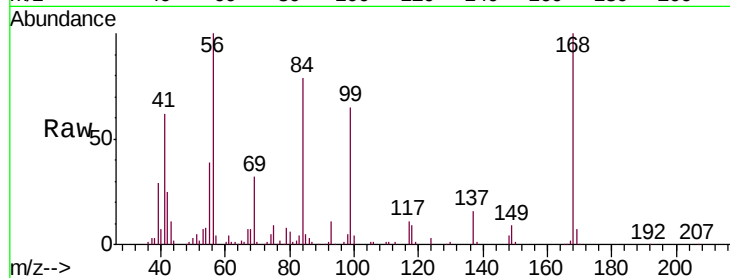
Tgt Ion: 56 Resp: 228860

Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.2

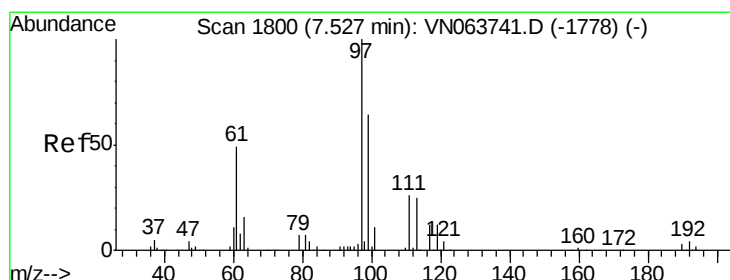
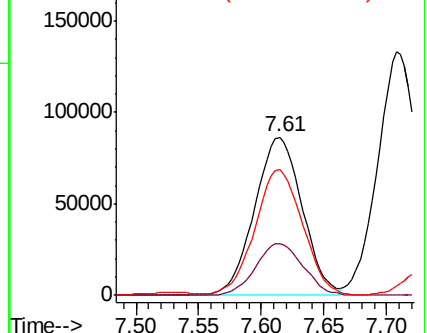
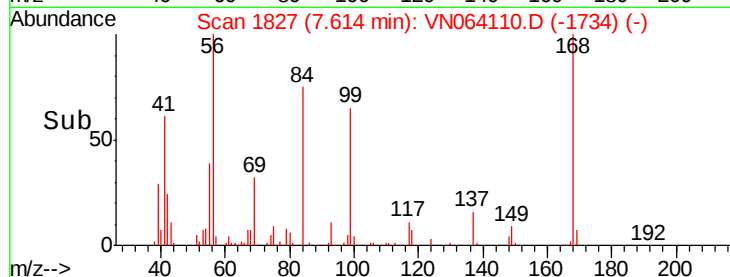
84 78.0 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN064110.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064110.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064110.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 48.672 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

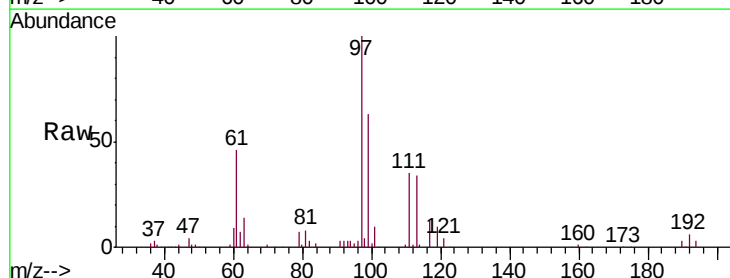
Tgt Ion: 97 Resp: 263369

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

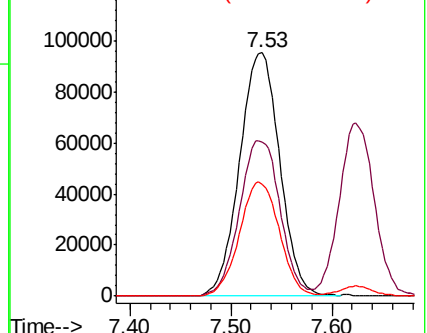
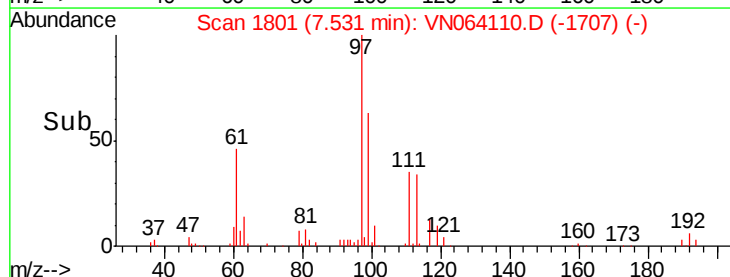
61 46.8 38.7 58.1

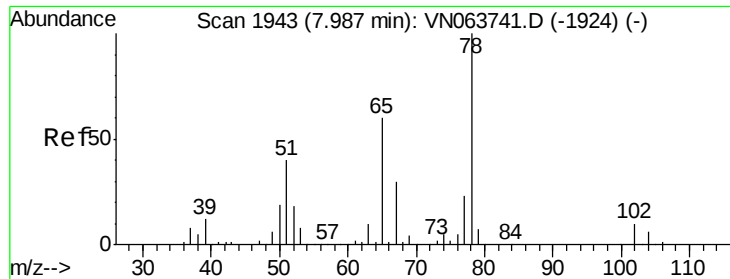


Abundance Ion 96.90 (96.60 to 97.60): VN064110.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064110.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064110.D (-1707) (-)

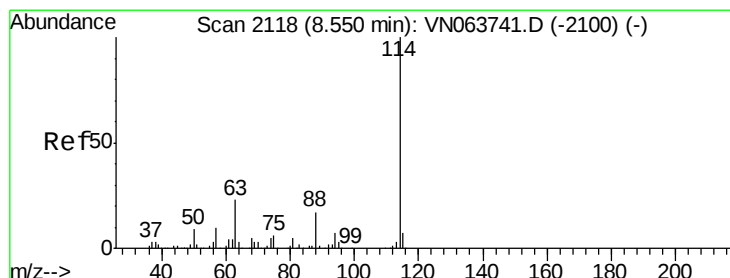
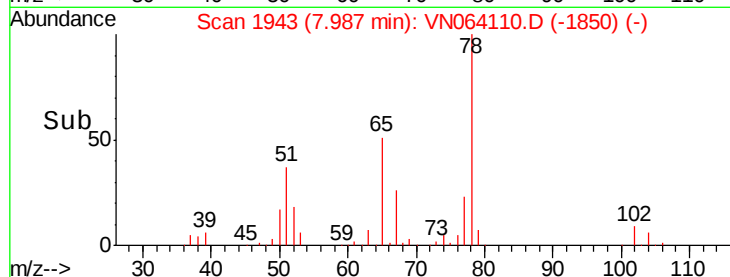
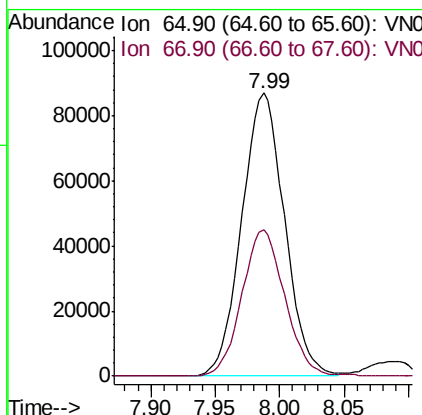
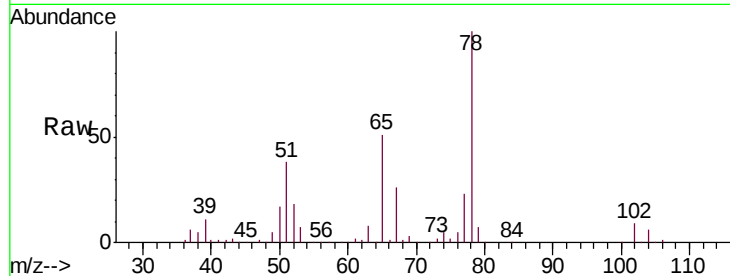




#33
 1,2-Dichloroethane-d4
 Concen: 46.581 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

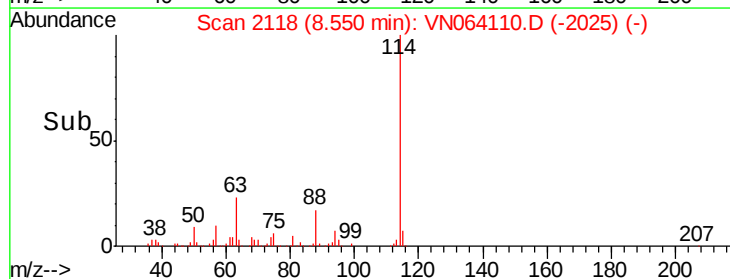
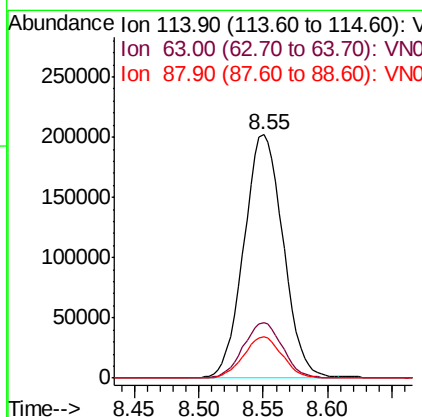
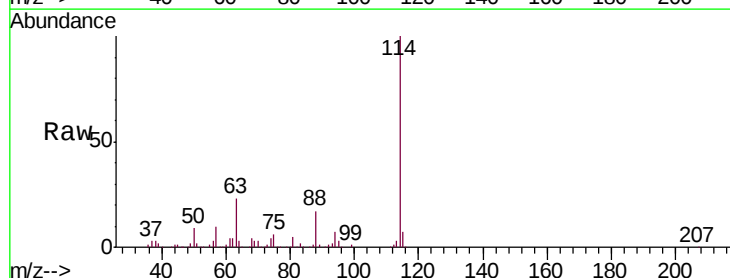
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 201188
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 114 Resp: 429509
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 17.0 0.0 34.0

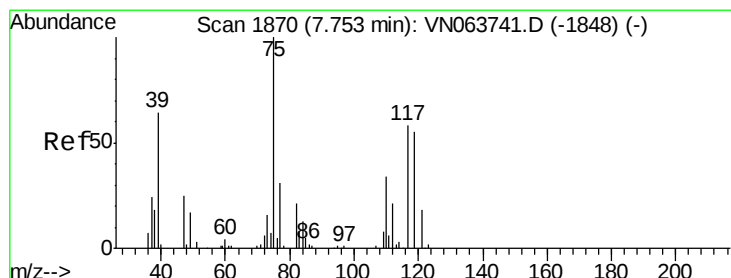
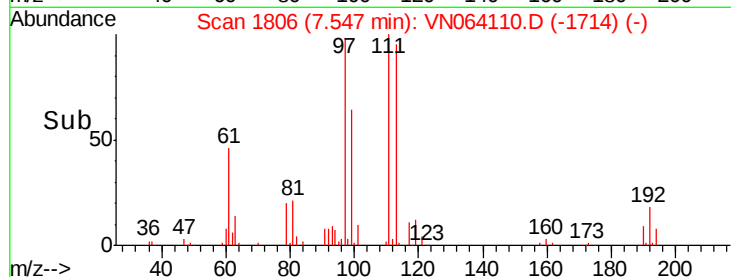
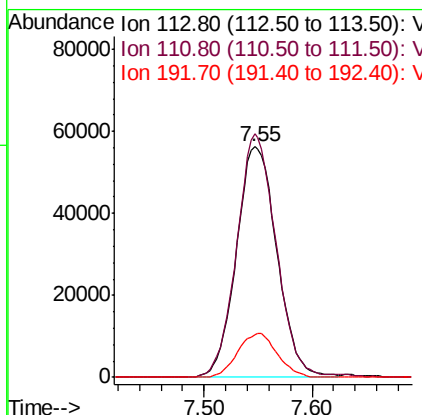
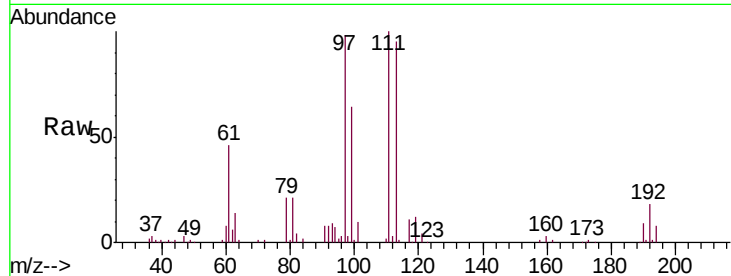




#35
 Dibromofluoromethane
 Concen: 49.434 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

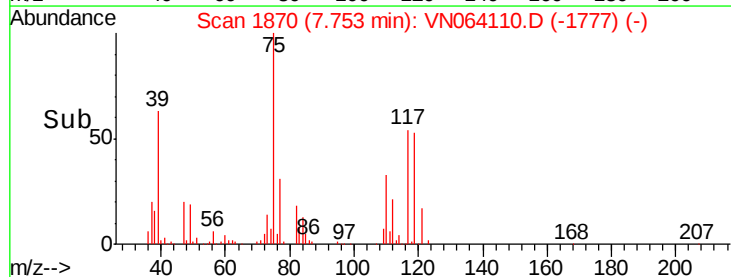
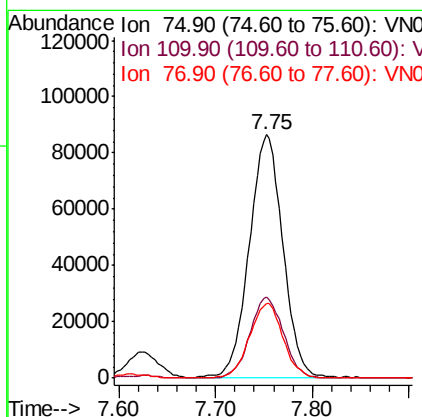
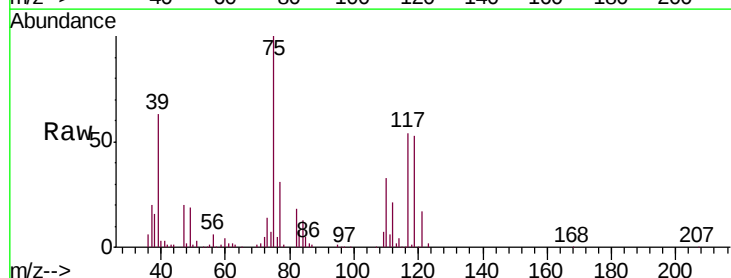
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

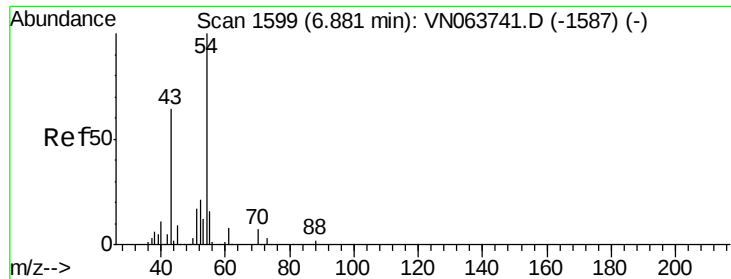
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	18.5	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 47.699 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	31.0	24.5	36.7

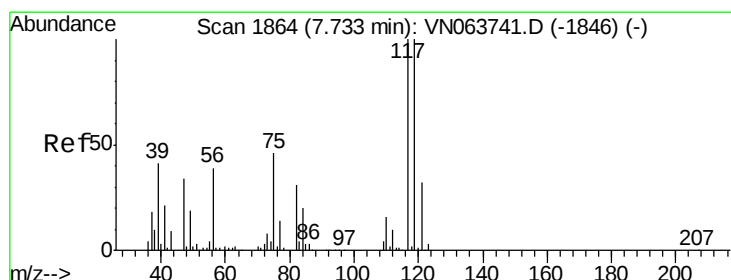
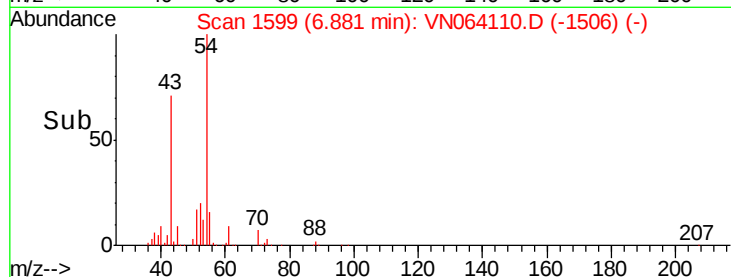
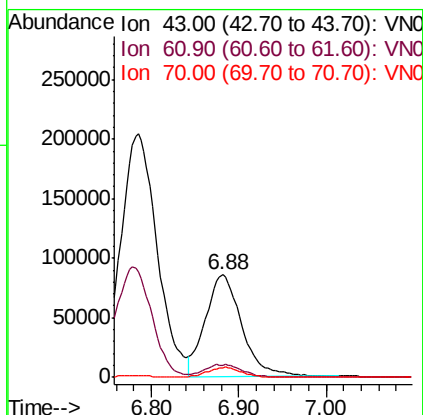
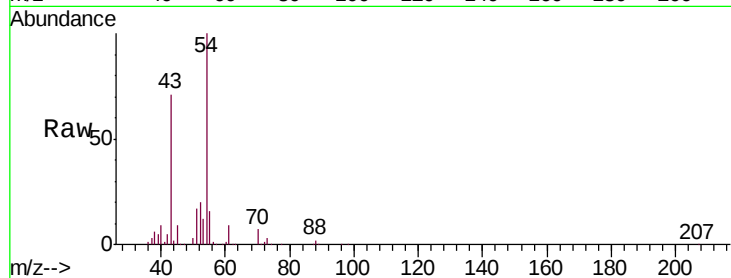




#37
Ethyl Acetate
Concen: 57.015 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

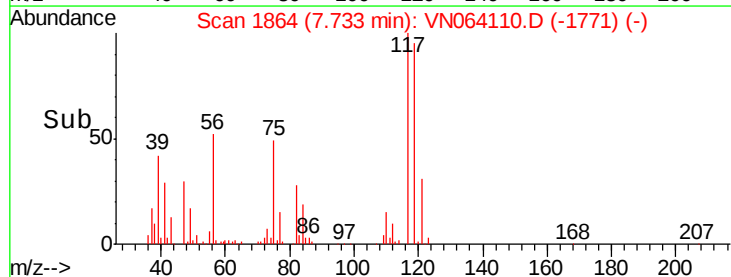
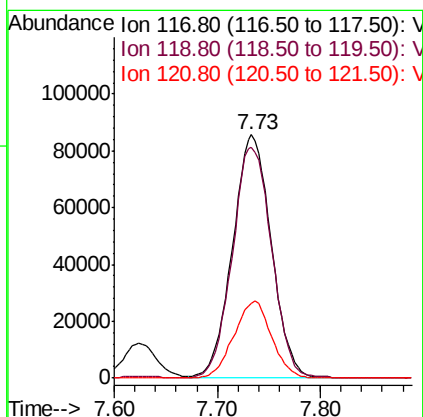
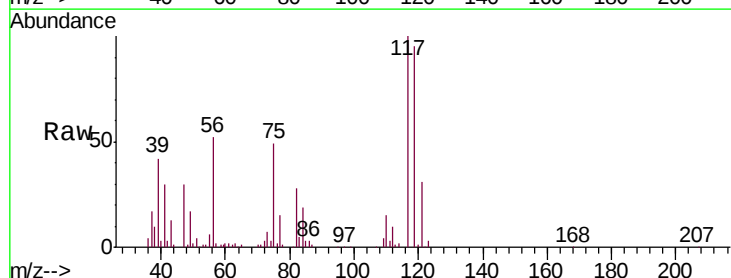
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

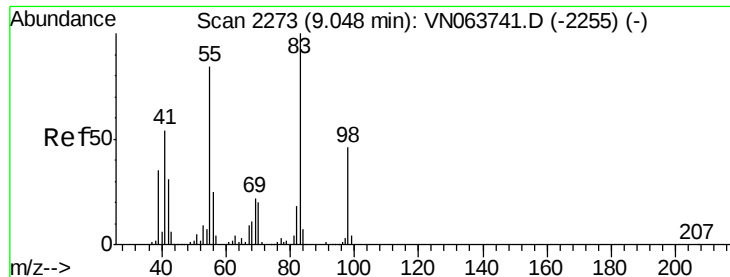
Tgt Ion: 43 Resp: 246484
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.858 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 117 Resp: 223756
Ion Ratio Lower Upper
117 100
119 94.7 80.1 120.1
121 30.7 25.7 38.5

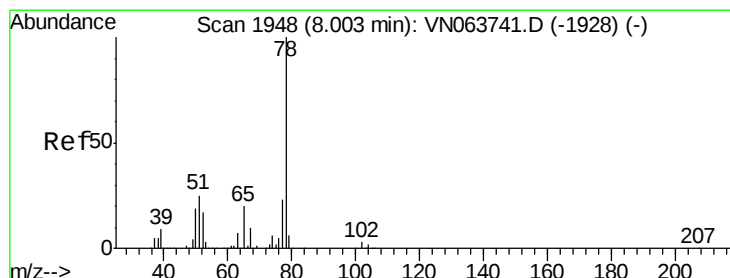
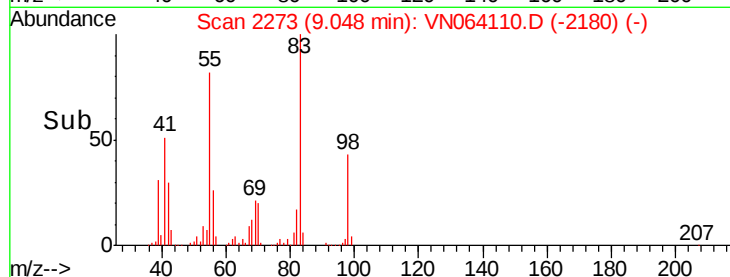
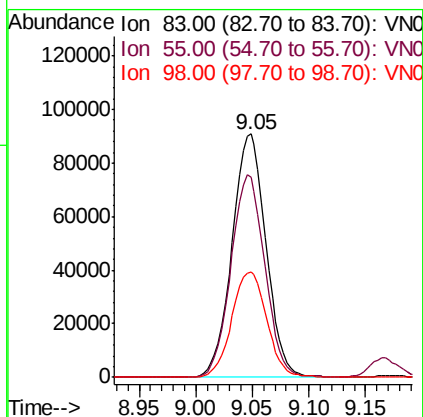
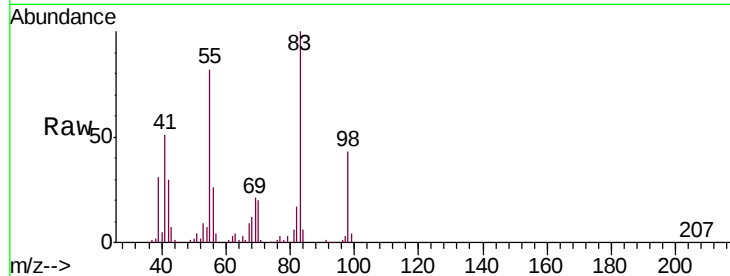




#39
Methylcyclohexane
Concen: 43.791 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

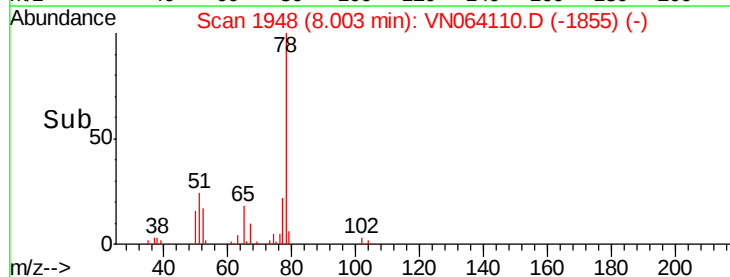
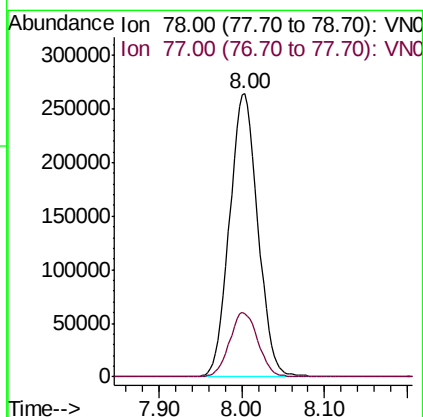
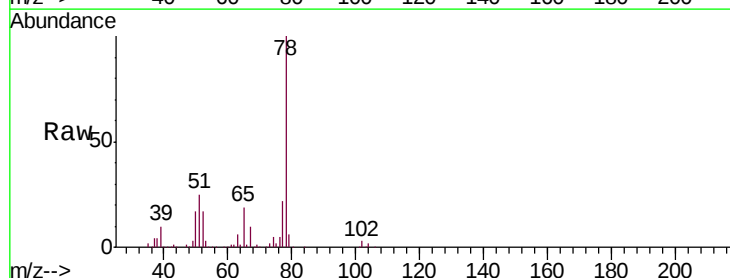
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

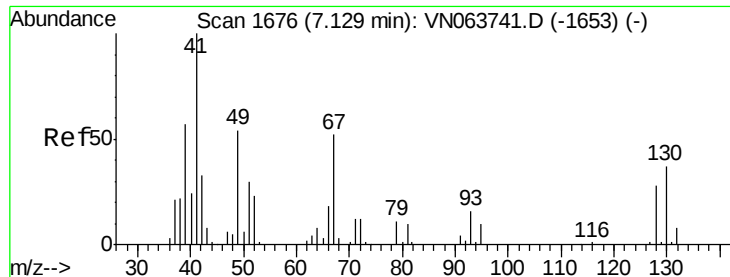
Tgt Ion: 83 Resp: 190021
Ion Ratio Lower Upper
83 100
55 82.3 67.1 100.7
98 43.2 36.6 54.8



#40
Benzene
Concen: 50.709 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 78 Resp: 630236
Ion Ratio Lower Upper
78 100
77 22.4 18.7 28.1

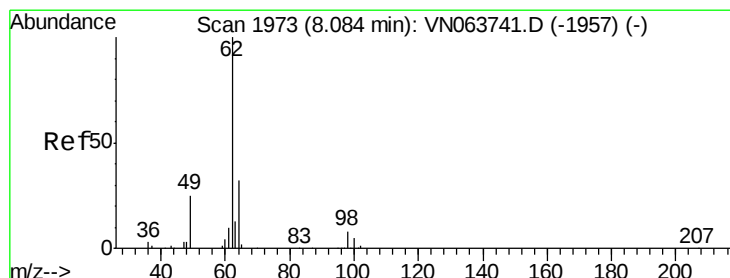
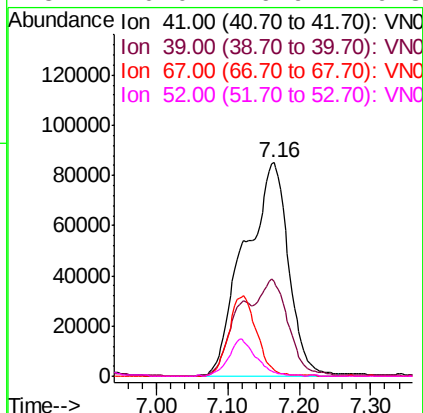
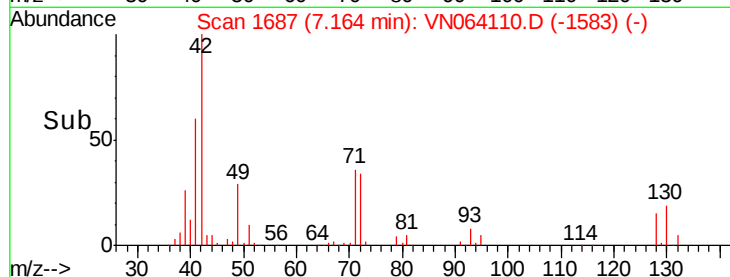
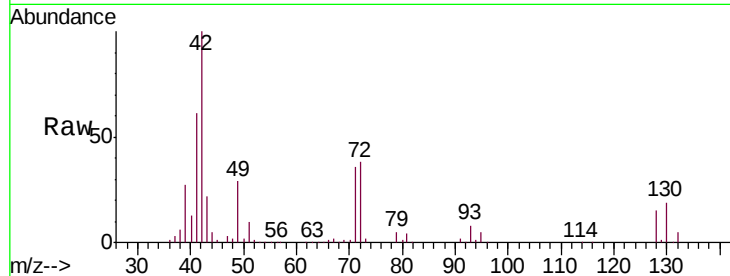




#41
Methacrylonitrile
Concen: 189.206 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

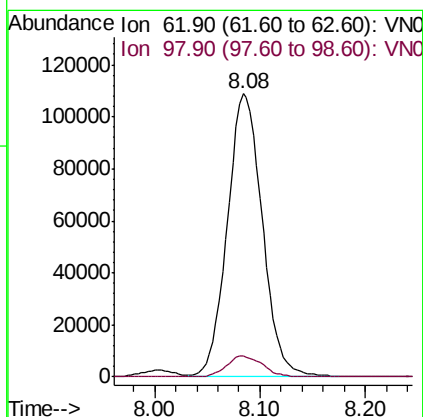
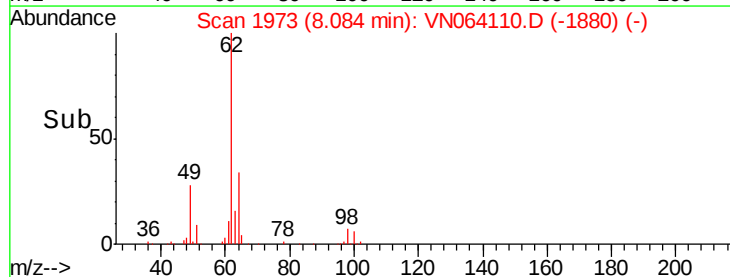
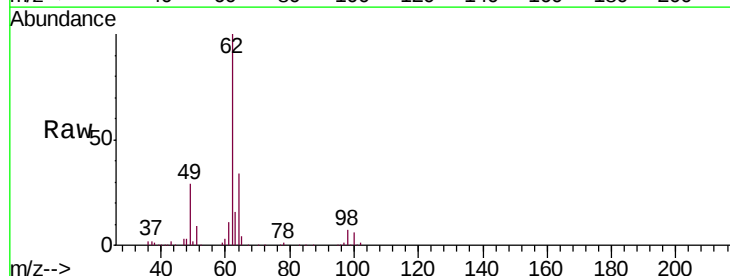
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

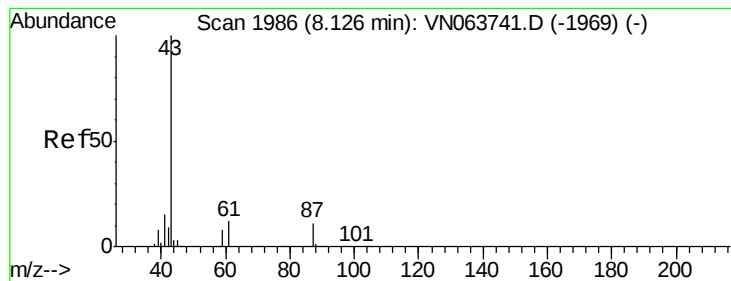
Tgt Ion:	41	Resp:	363534
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 46.914 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion:	62	Resp:	248894
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.0





#43

Isopropyl Acetate

Concen: 57.412 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

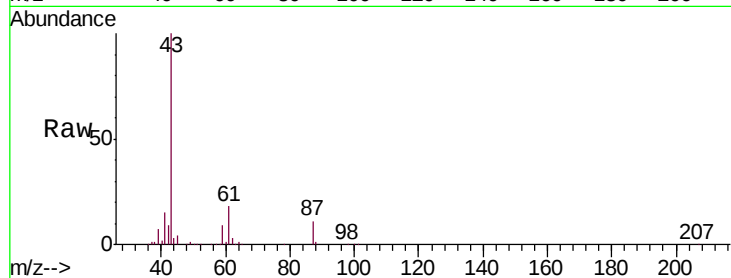
Tgt Ion: 43 Resp: 409392

Ion Ratio Lower Upper

43 100

61 24.0 14.2 21.4#

87 11.5 9.0 13.6

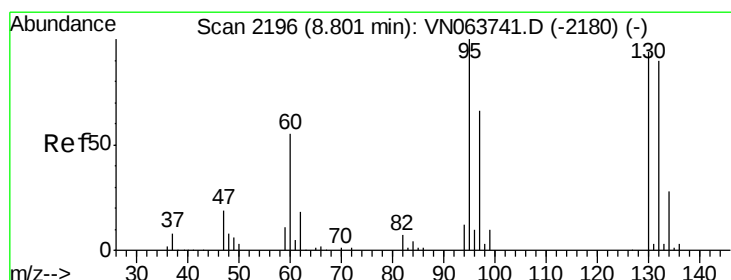
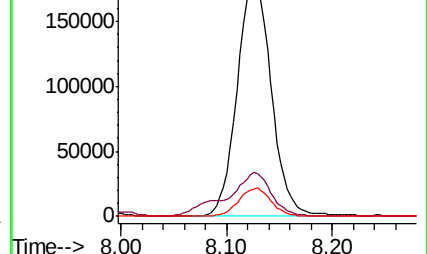
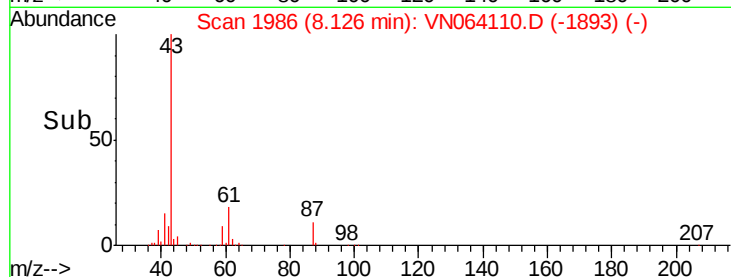


Abundance Ion 43.00 (42.70 to 43.70): VN064110.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN064110.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN064110.D (-1986) (-)

8.13



#44

Trichloroethene

Concen: 46.618 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064110.D

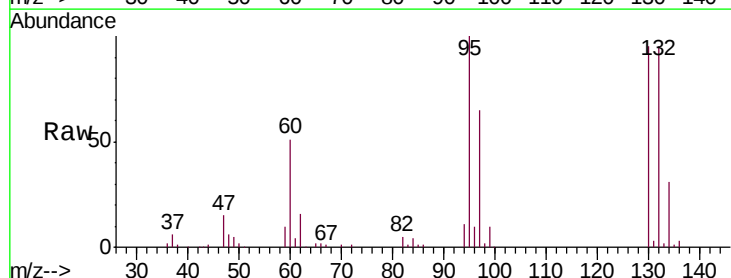
Acq: 13 Oct 2020 18:46

Tgt Ion: 130 Resp: 151809

Ion Ratio Lower Upper

130 100

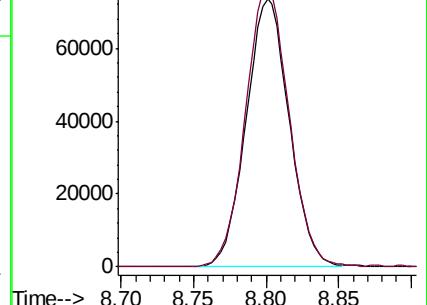
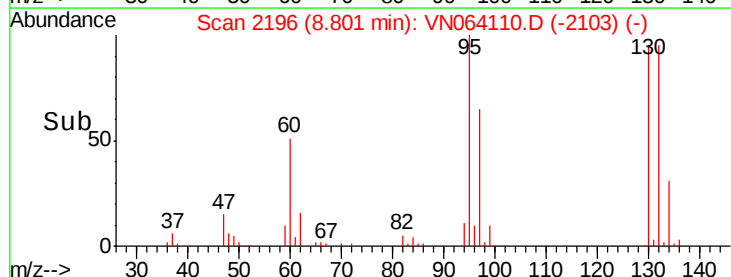
95 105.7 0.0 213.6

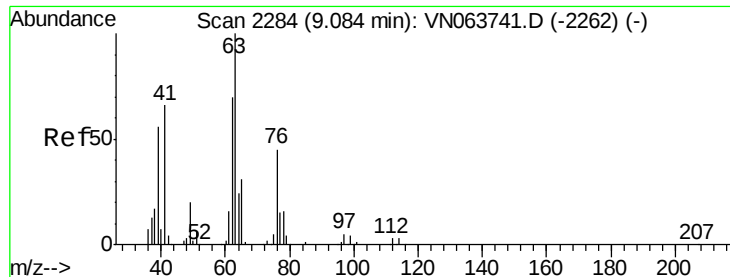


Abundance Ion 129.80 (129.50 to 130.50): VN064110.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064110.D (-2196) (-)

8.80

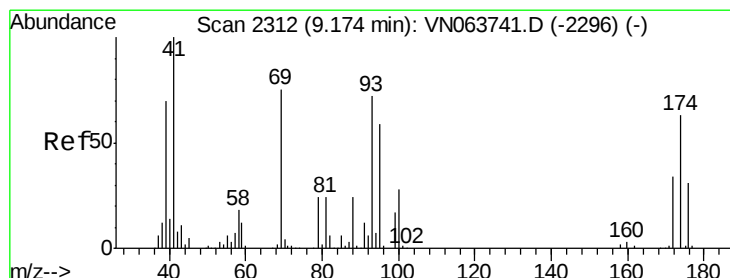
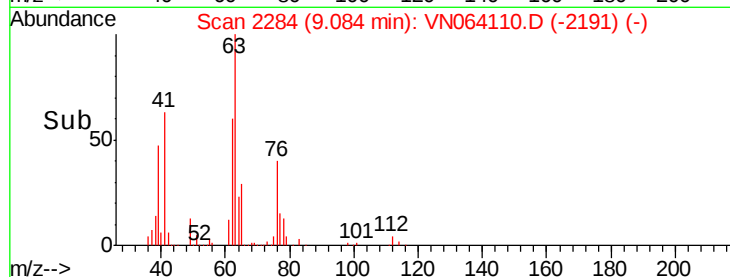
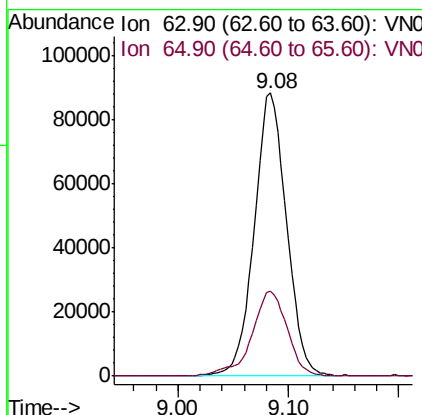
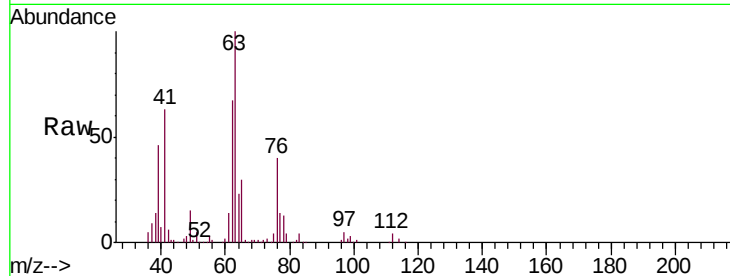




#45
 1,2-Dichloropropane
 Concen: 53.416 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

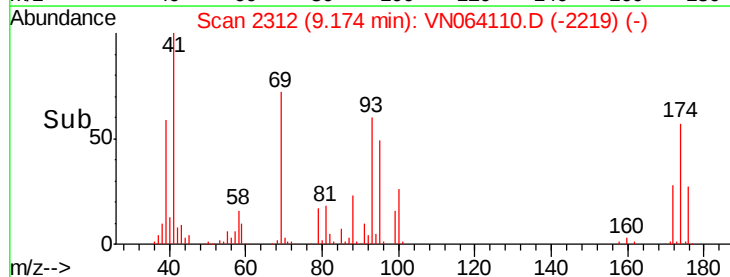
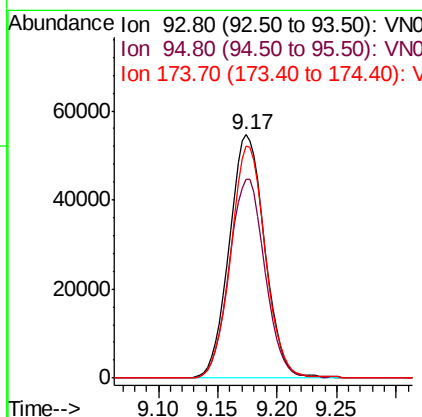
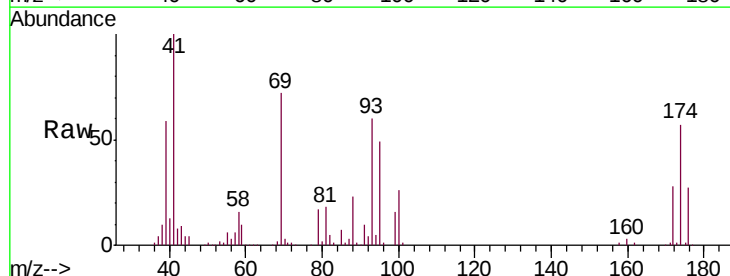
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

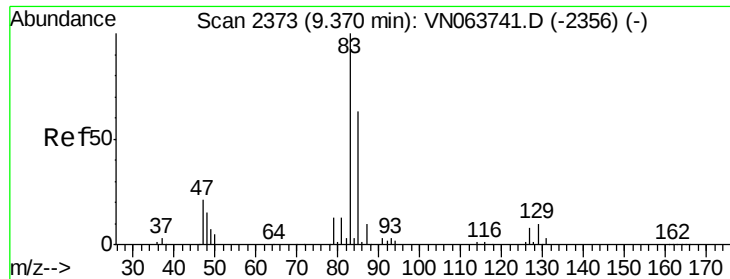
Tgt Ion: 63 Resp: 179293
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 48.785 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 93 Resp: 112963
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.3 99.5
 174 93.2 72.7 109.1





#47

Bromodichloromethane

Concen: 51.375 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

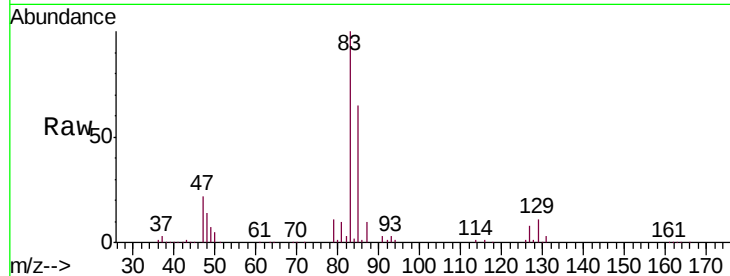
Tgt Ion: 83 Resp: 245170

Ion Ratio Lower Upper

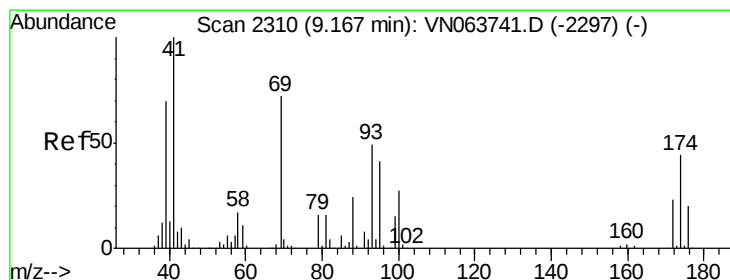
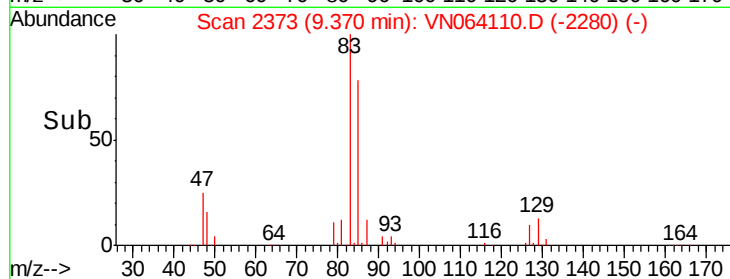
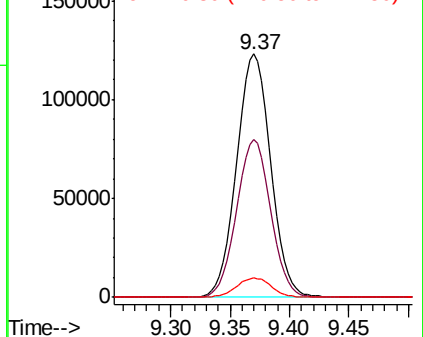
83 100

85 64.8 50.6 75.8

127 8.0 6.6 9.8



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



#48

Methyl methacrylate

Concen: 59.058 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

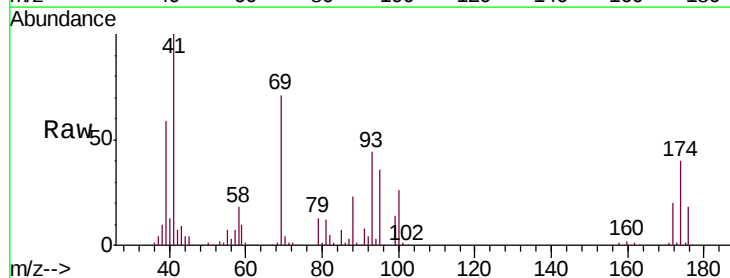
Tgt Ion: 41 Resp: 208064

Ion Ratio Lower Upper

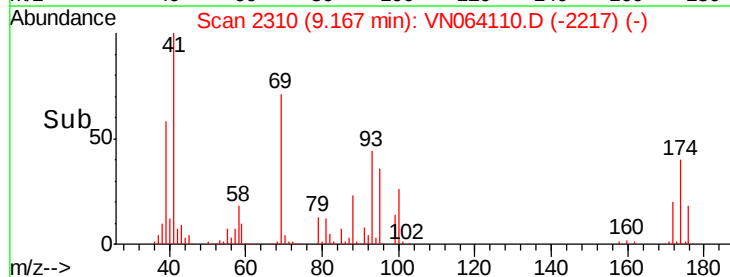
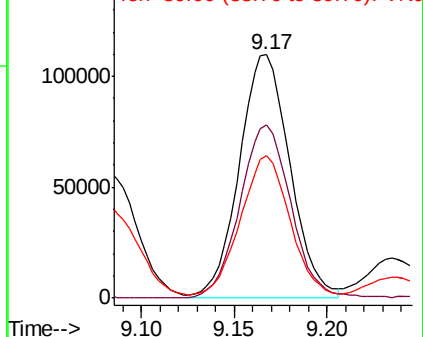
41 100

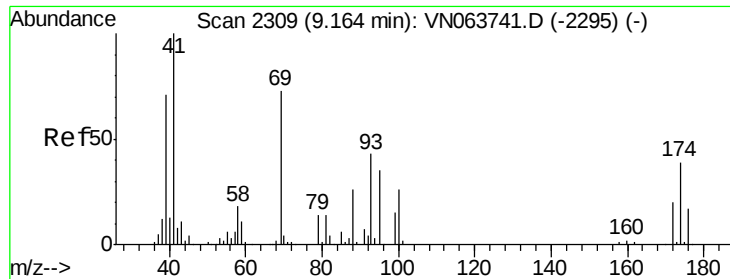
69 72.0 60.9 91.3

39 57.7 57.5 86.3



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

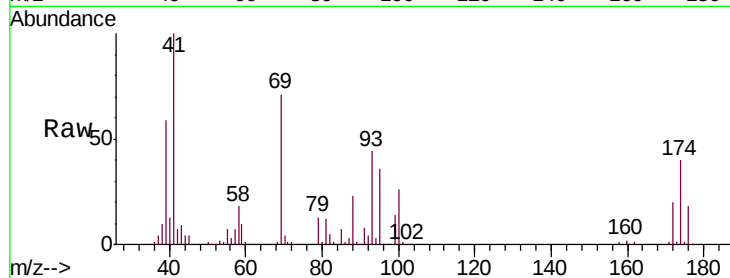




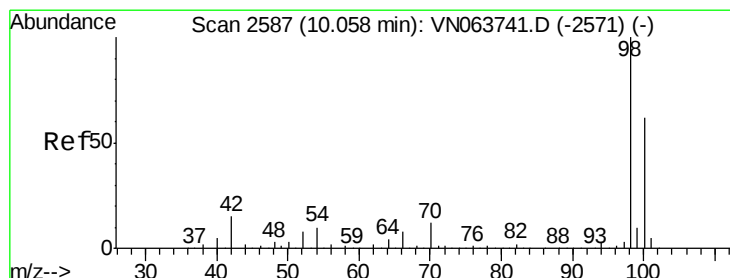
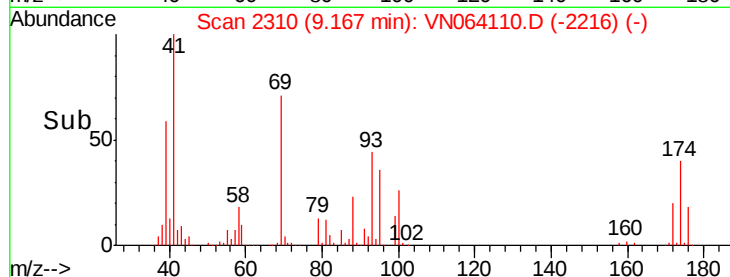
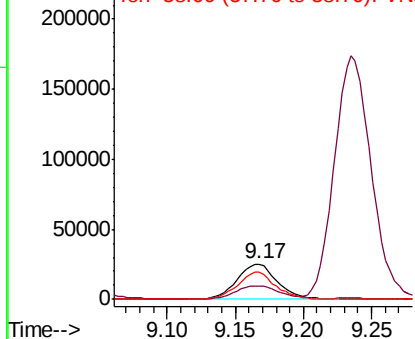
#49
1,4-Dioxane
Concen: 1032.903 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 51718
Ion Ratio Lower Upper
88 100
43 39.2 33.1 49.7
58 72.6 58.9 88.3

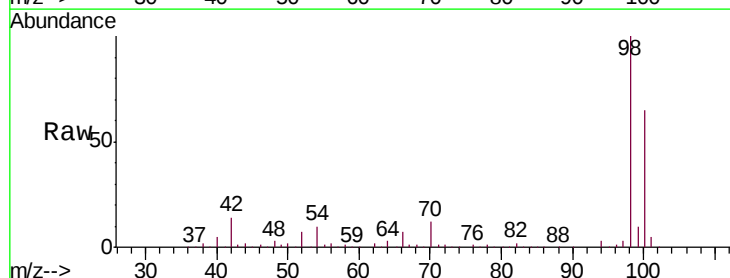


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

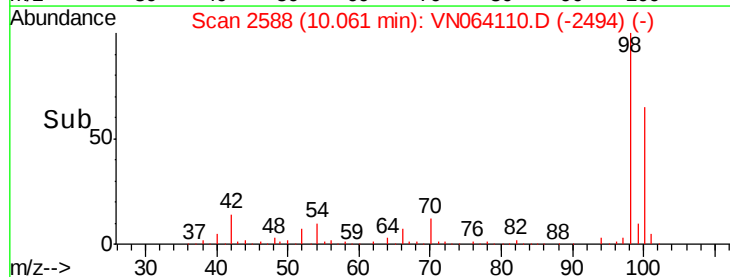
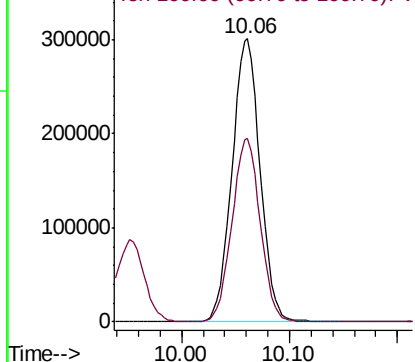


#50
Toluene-d8
Concen: 48.335 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 98 Resp: 546078
Ion Ratio Lower Upper
98 100
100 65.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

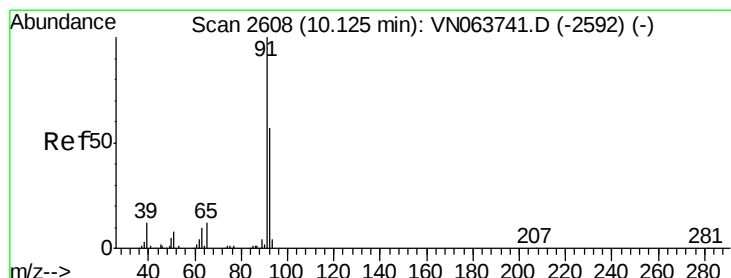
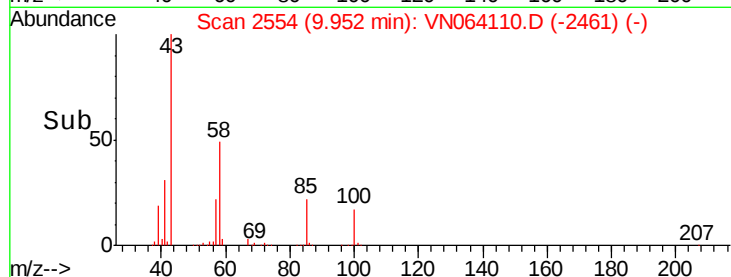
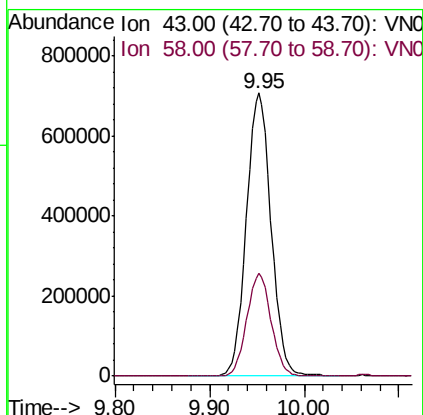
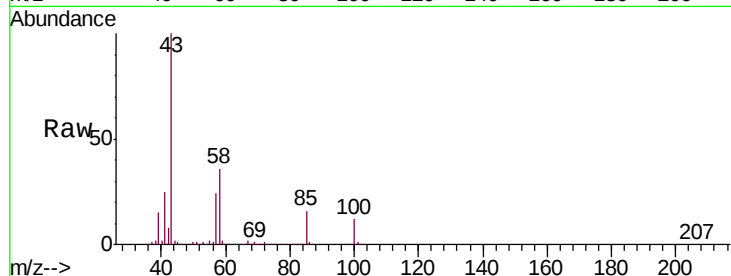




#51
 4-Methyl-2-Pentanone
 Concen: 306.132 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

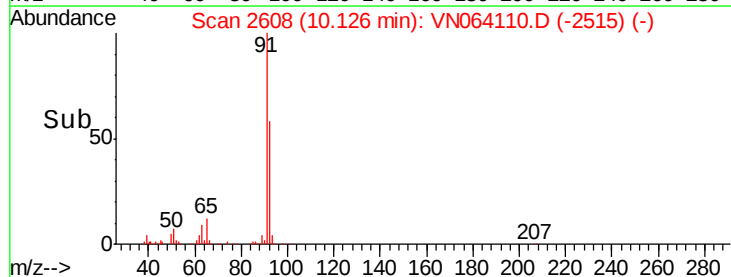
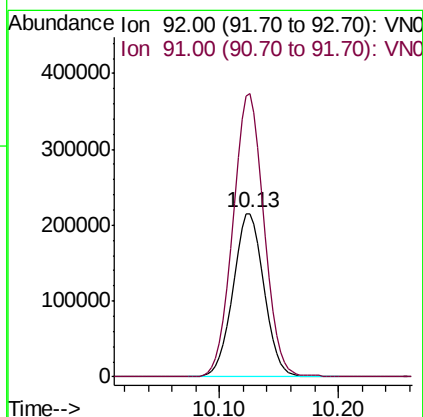
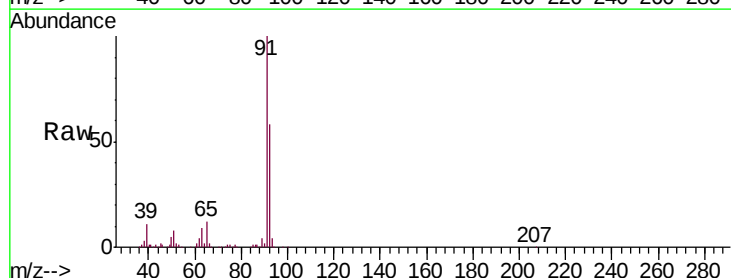
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

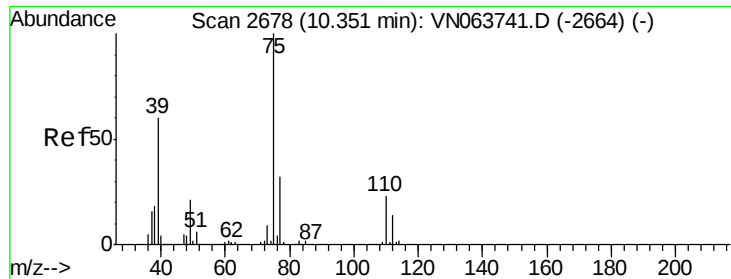
Tgt Ion: 43 Resp: 1281063
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.4 42.6



#52
 Toluene
 Concen: 50.525 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 92 Resp: 388413
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 51.889 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

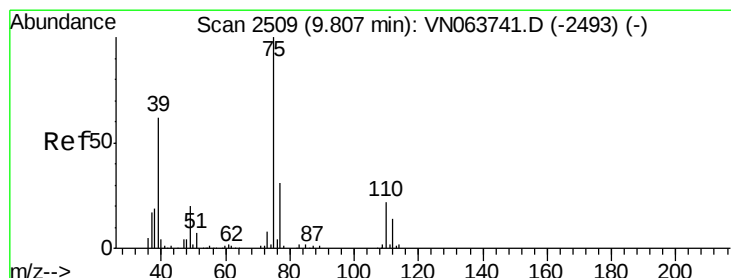
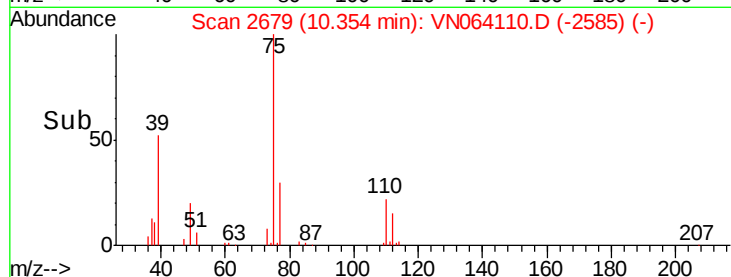
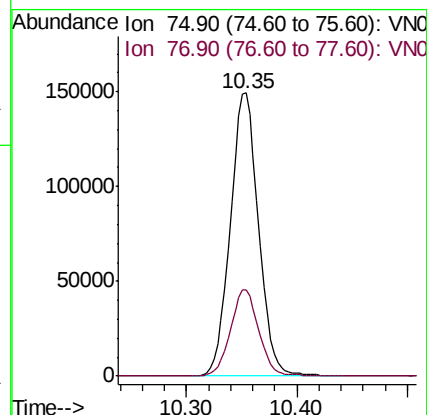
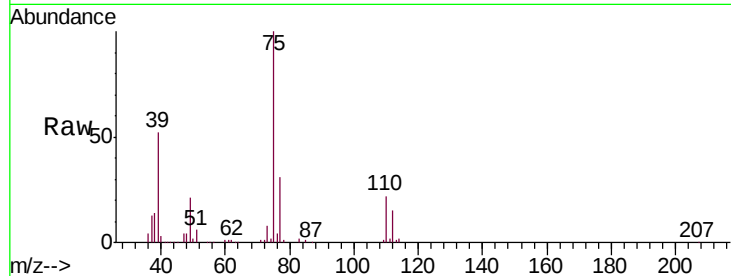
VSTDCCC050EC

Tgt Ion: 75 Resp: 265436

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.092 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

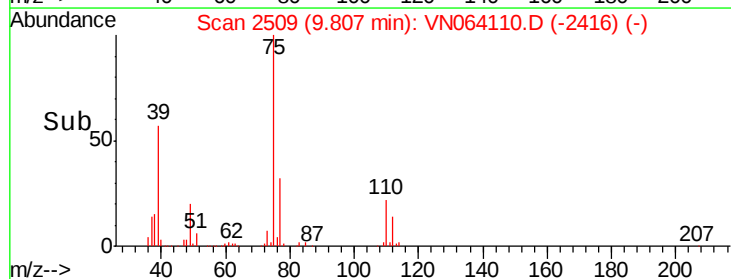
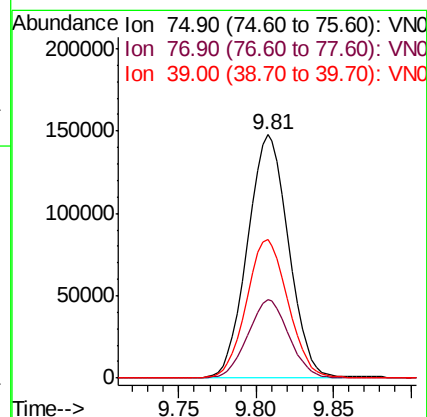
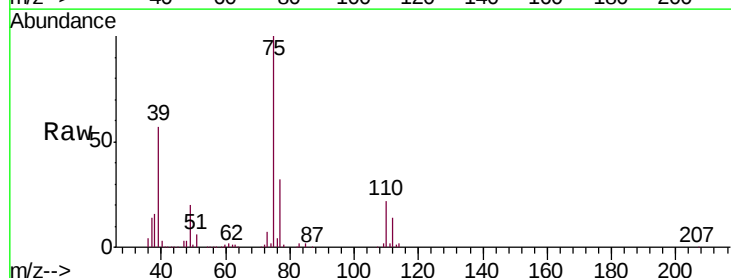
Tgt Ion: 75 Resp: 273334

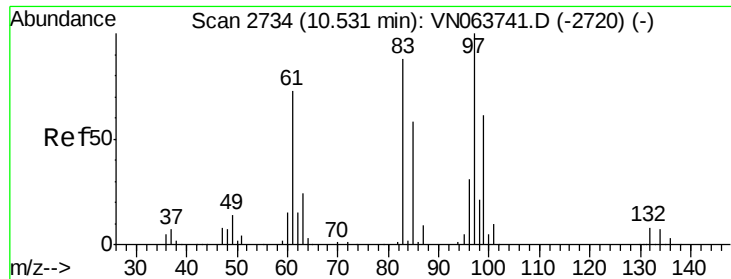
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 56.7 49.7 74.5

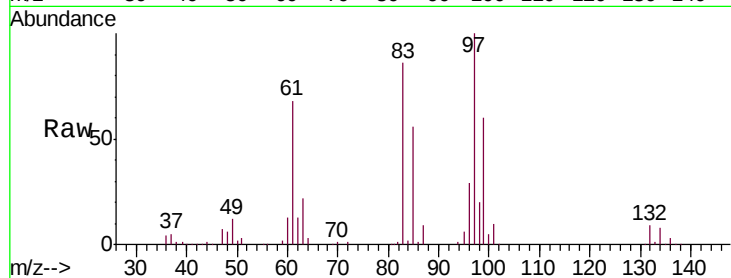




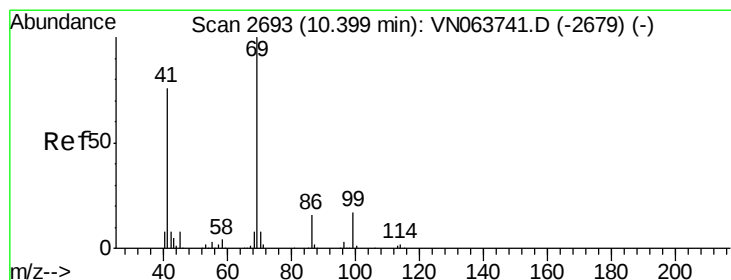
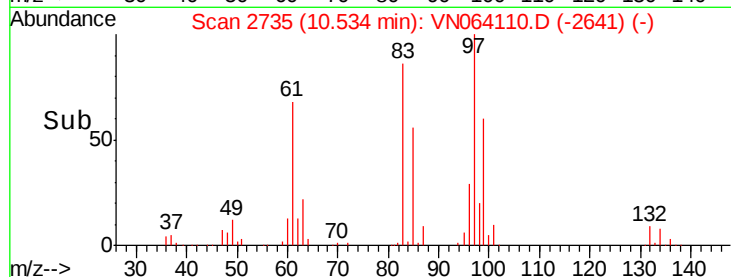
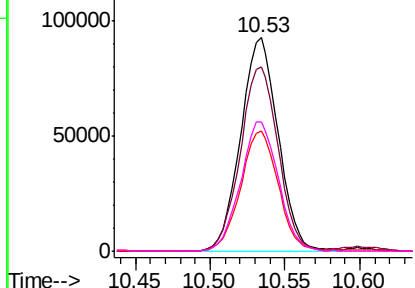
#55
 1,1,2-Trichloroethane
 Concen: 52.498 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 161847
 Ion Ratio Lower Upper
 97 100
 83 86.2 70.7 106.1
 85 56.2 46.1 69.1
 99 60.5 48.8 73.2

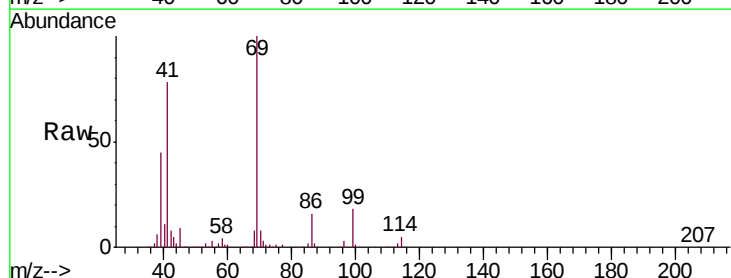


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

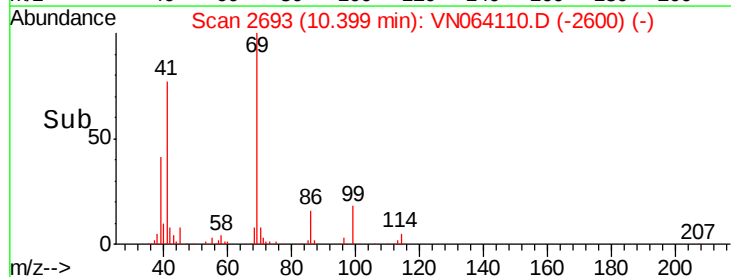
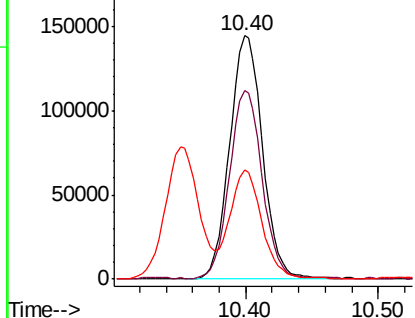


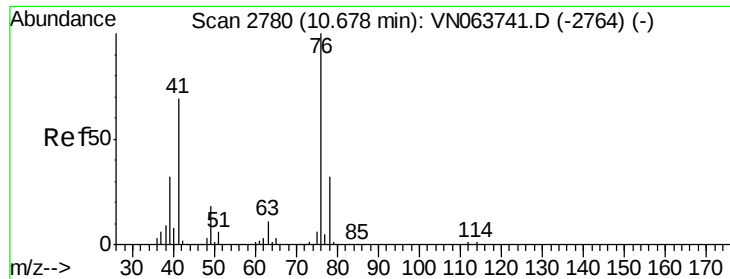
#56
 Ethyl methacrylate
 Concen: 56.849 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 69 Resp: 248428
 Ion Ratio Lower Upper
 69 100
 41 76.2 61.1 91.7
 39 43.4 42.2 63.4



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

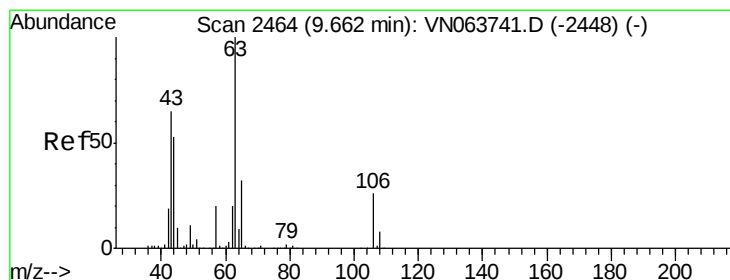
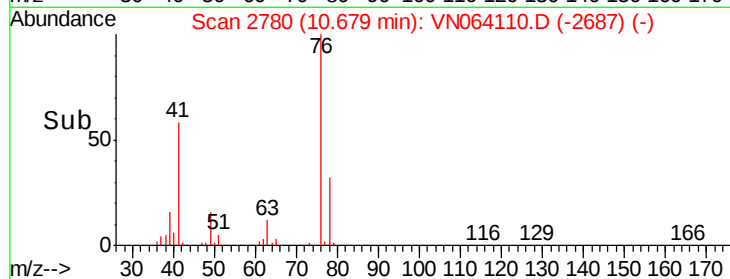
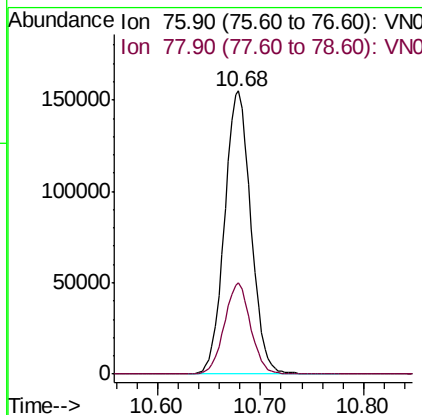
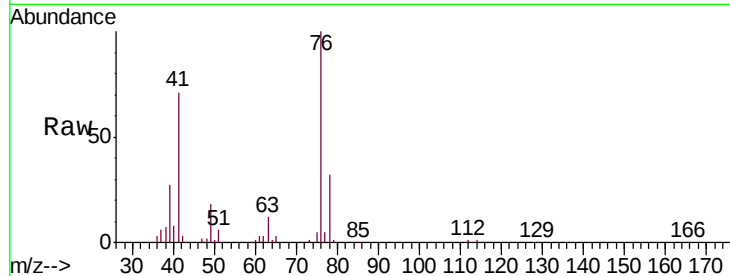




#57
 1,3-Dichloropropane
 Concen: 52.926 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

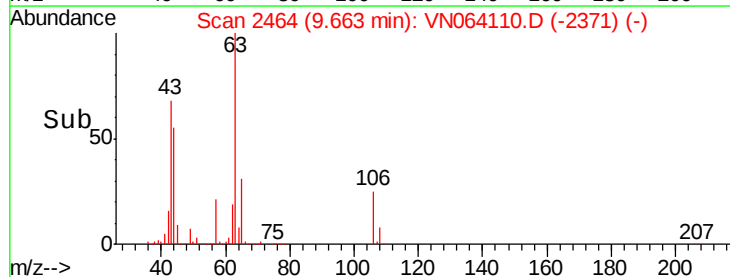
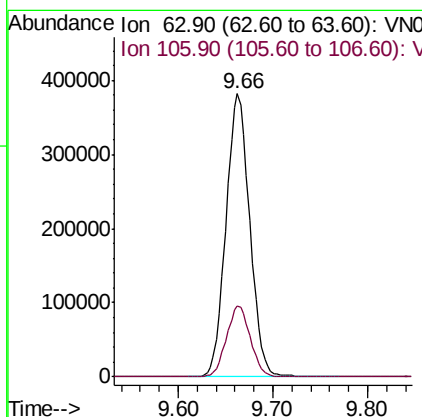
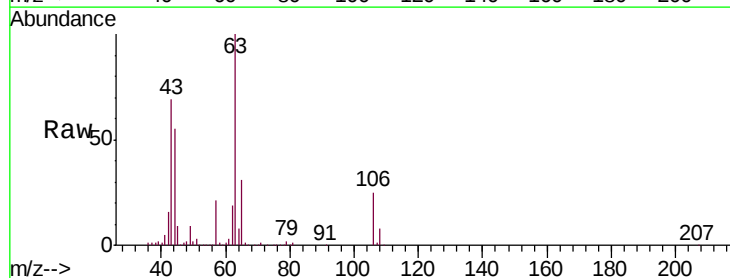
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

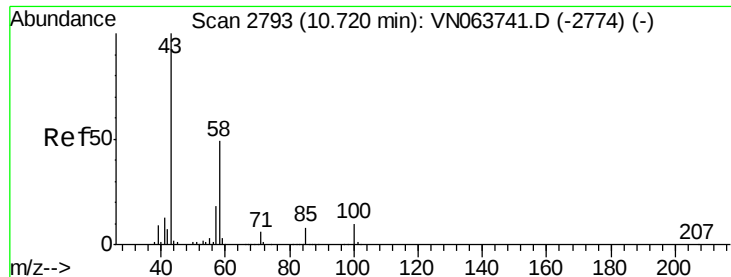
Tgt Ion: 76 Resp: 276050
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.007 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 63 Resp: 668550
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.7 31.1

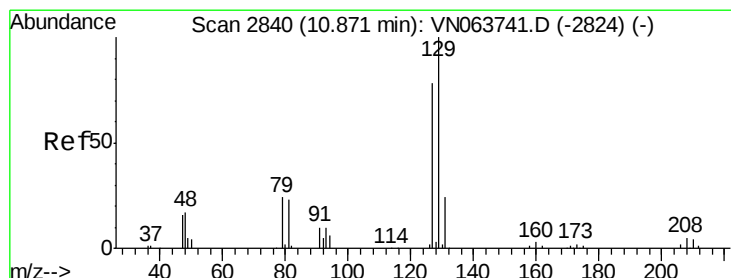
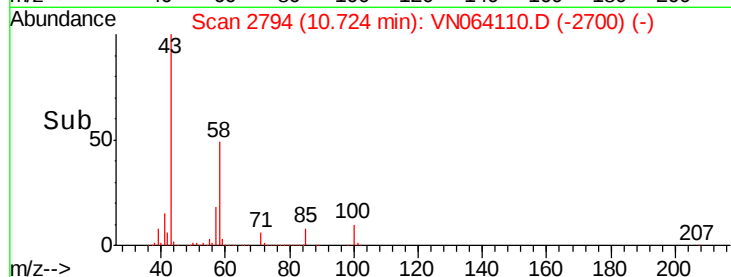
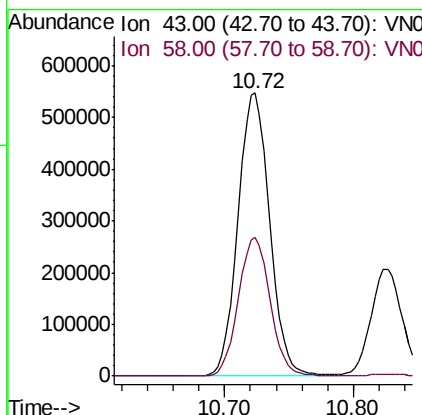
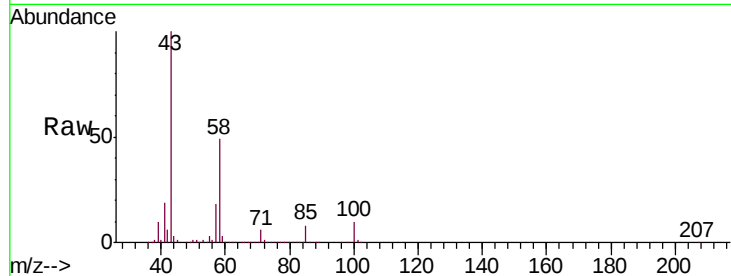




#59
2-Hexanone
Concen: 301.243 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

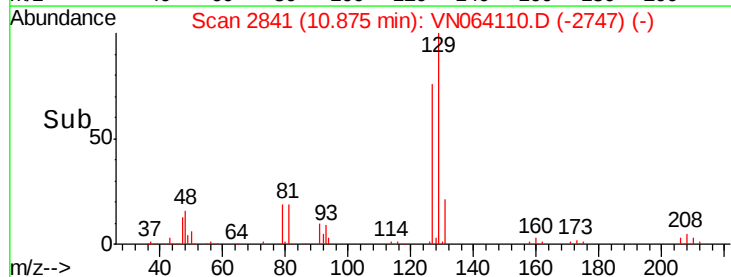
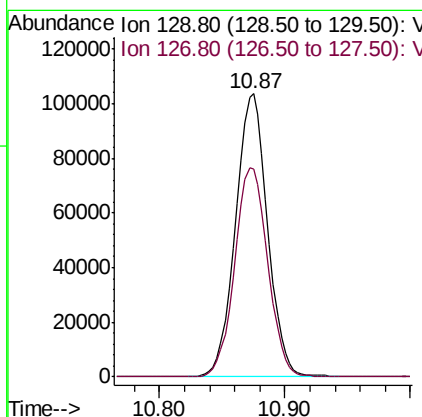
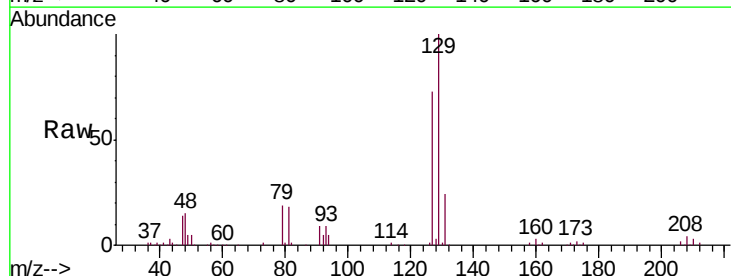
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

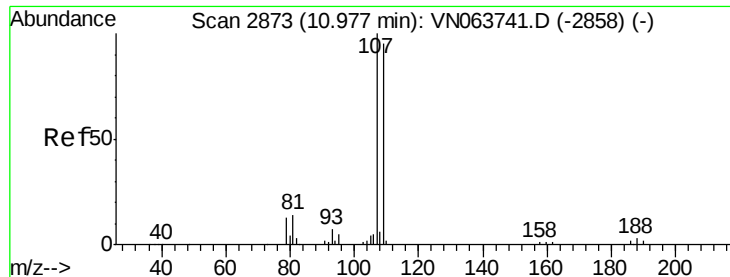
Tgt Ion: 43 Resp: 936456
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.8



#60
Dibromochloromethane
Concen: 51.127 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 129 Resp: 183563
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7

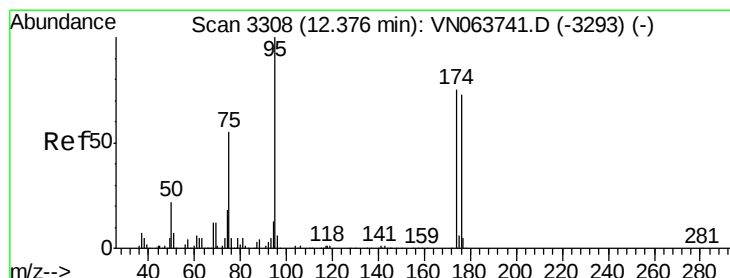
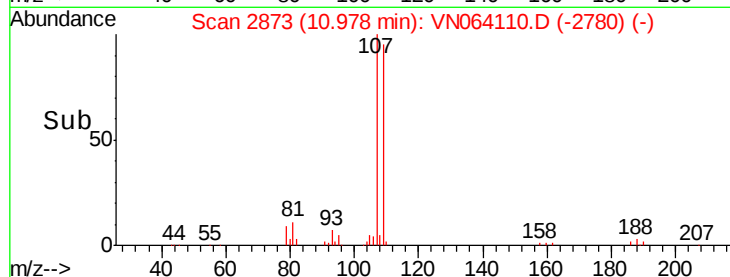
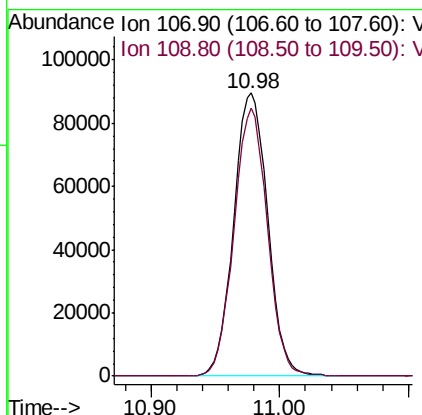
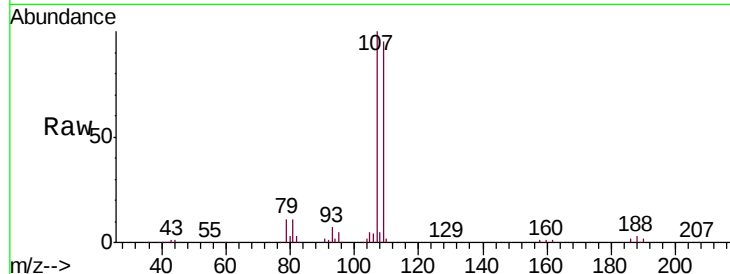




#61
 1,2-Dibromoethane
 Concen: 52.096 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

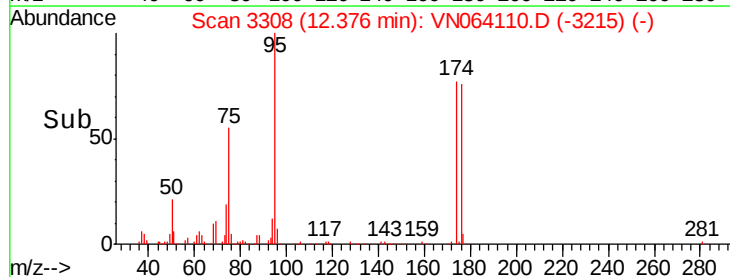
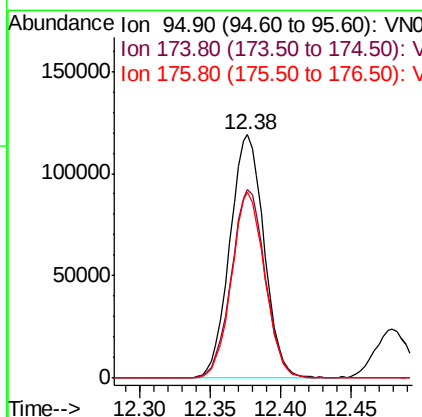
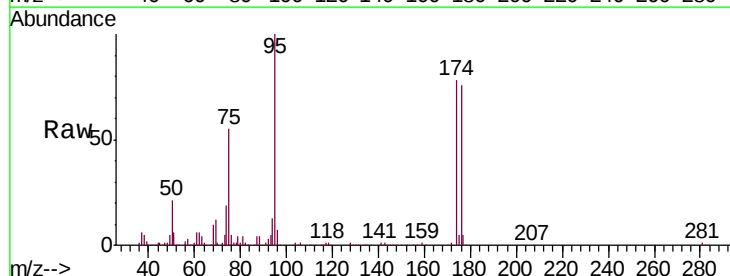
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

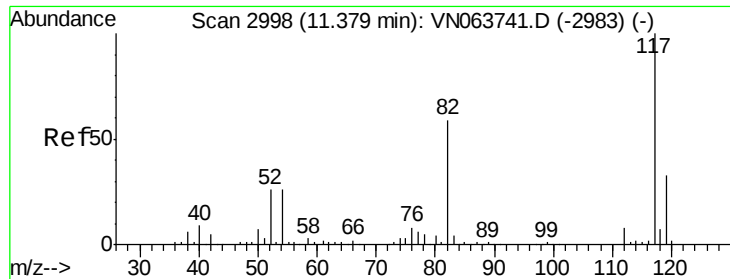
Tgt Ion: 107 Resp: 164292
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.554 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 95 Resp: 201959
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 150.6
 176 74.1 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: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

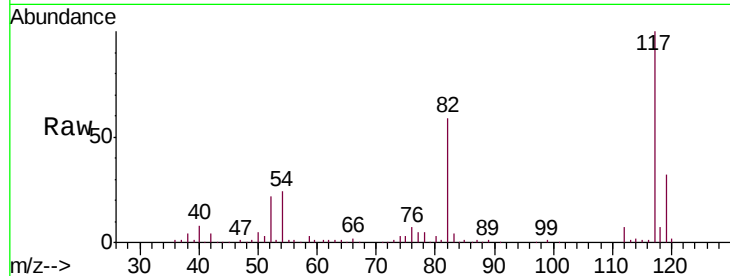
Tgt Ion:117 Resp: 404680

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.2

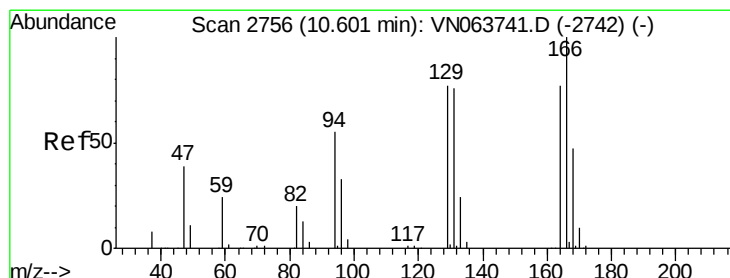
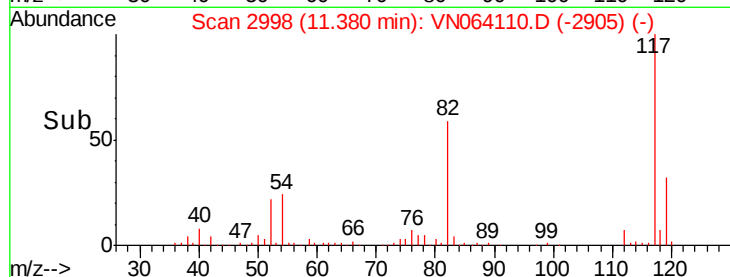
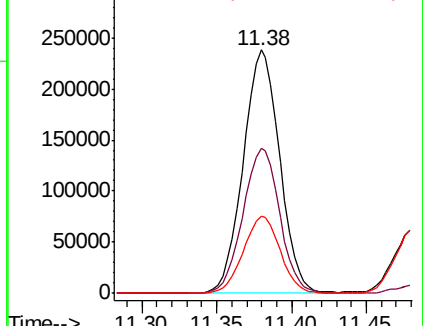
119 31.8 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 43.654 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion:164 Resp: 136676

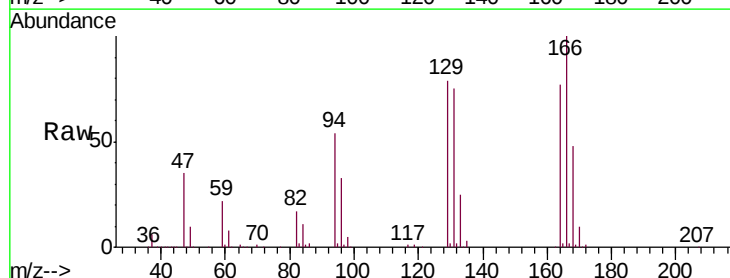
Ion Ratio Lower Upper

164 100

166 129.1 103.9 155.9

129 101.7 80.3 120.5

131 97.1 78.9 118.3

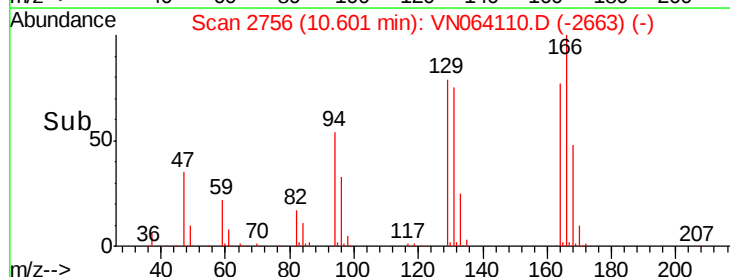
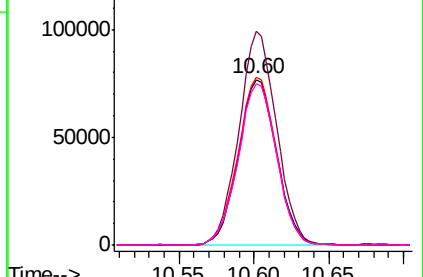


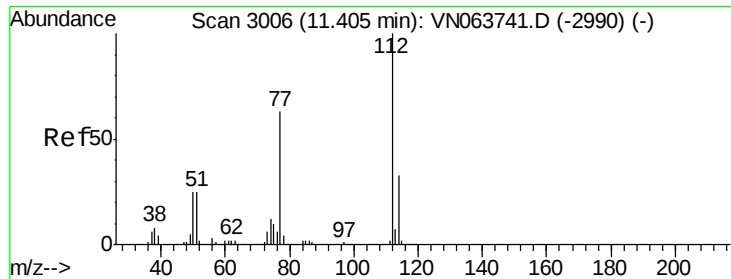
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

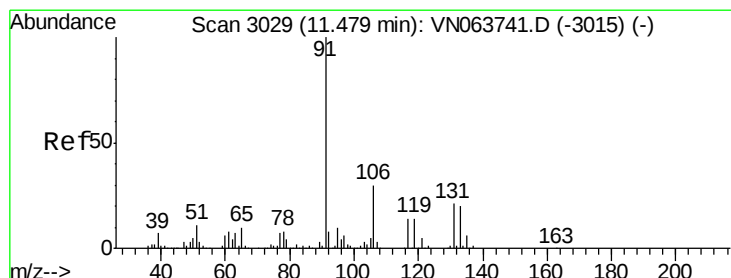
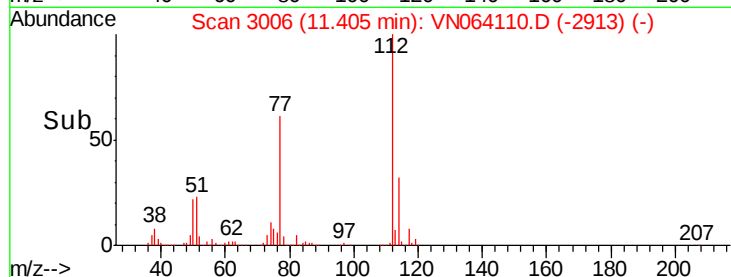
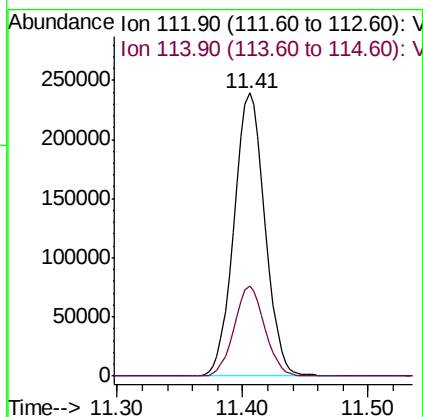
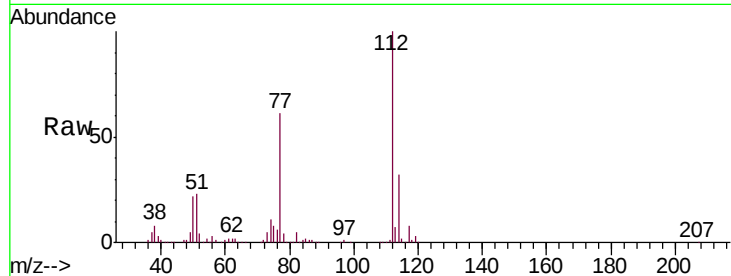




#65
Chlorobenzene
Concen: 49.319 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

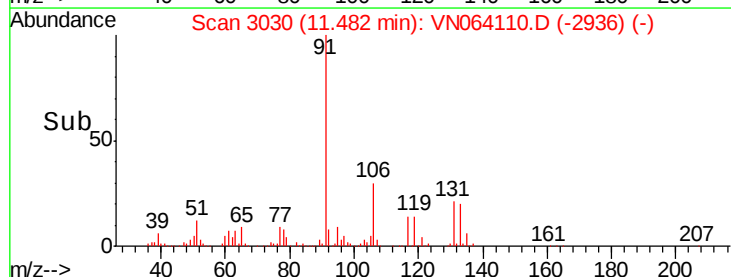
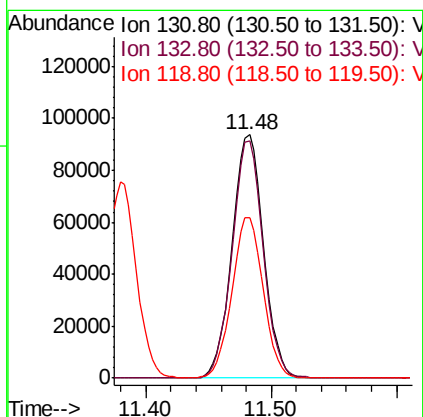
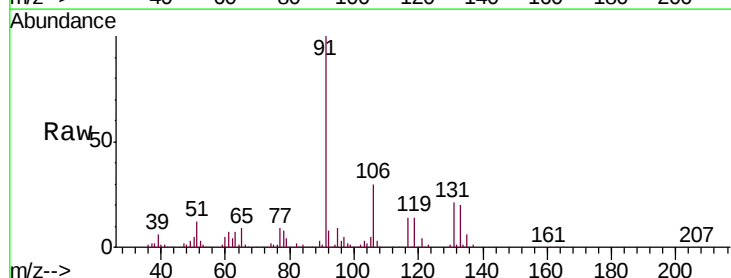
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

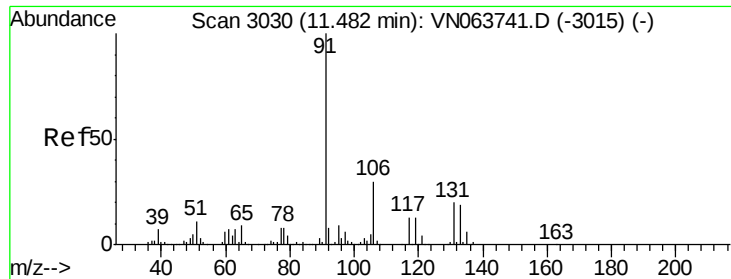
Tgt Ion:112 Resp: 409412
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.314 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion:131 Resp: 163306
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 65.1 32.6 97.7

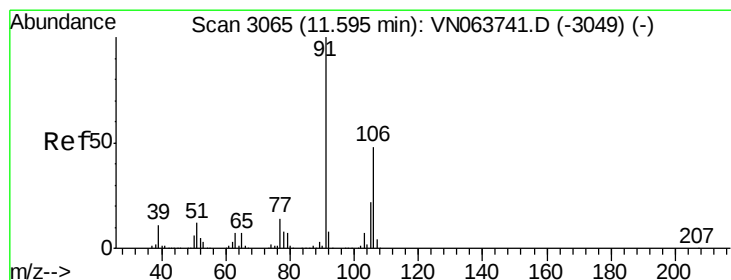
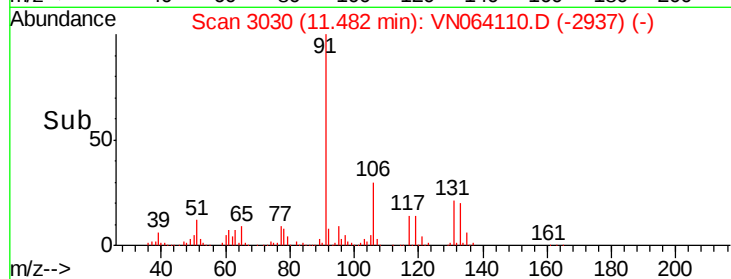
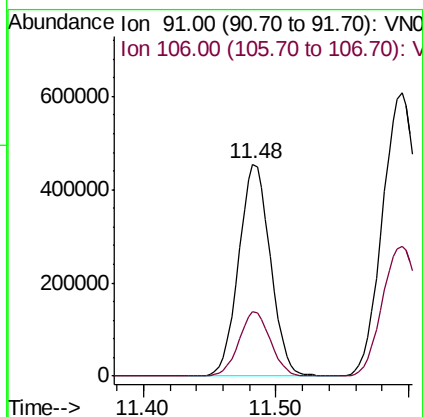
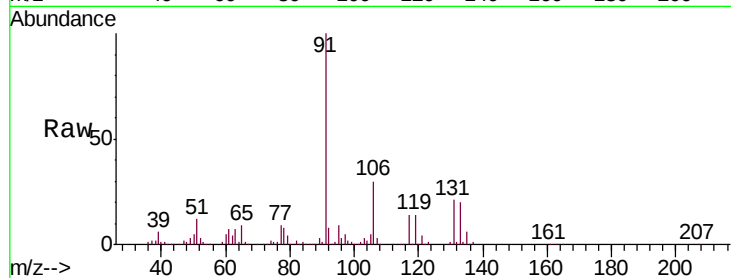




#67
Ethyl Benzene
Concen: 50.015 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

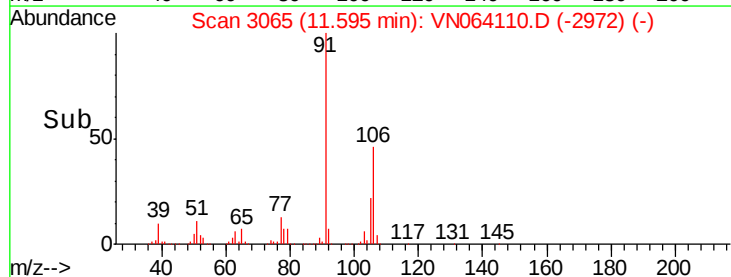
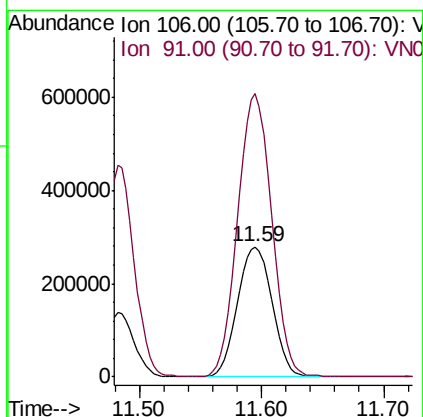
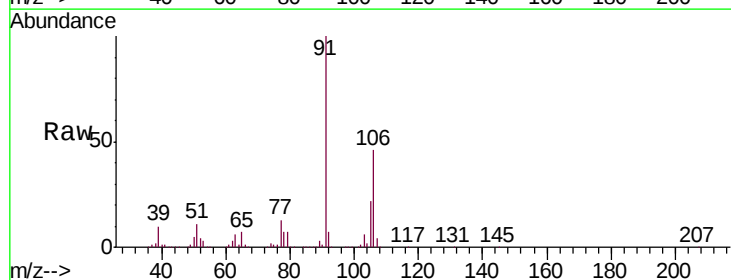
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

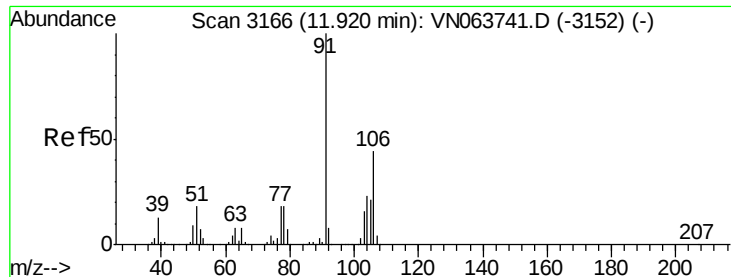
Tgt Ion: 91 Resp: 755485
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2



#68
m/p-Xylenes
Concen: 96.938 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 106 Resp: 545730
Ion Ratio Lower Upper
106 100
91 213.4 168.0 252.0

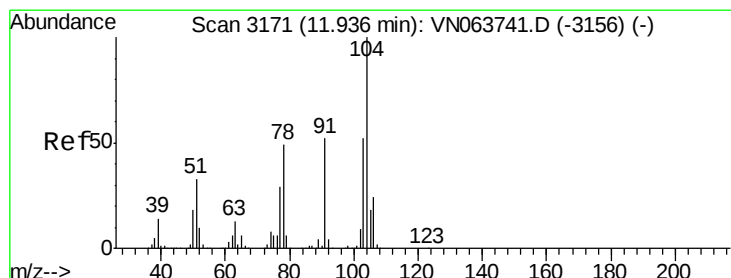
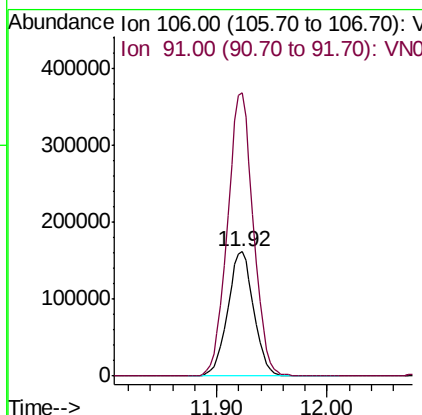
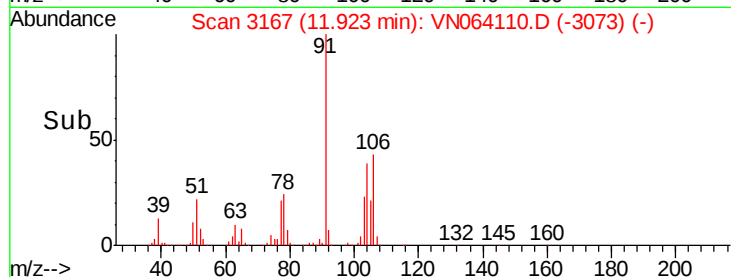
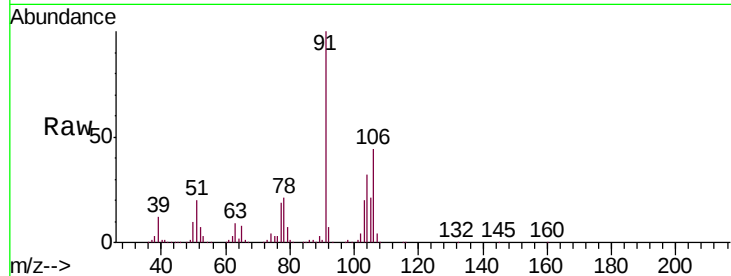




#69
o-Xylene
Concen: 50.301 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

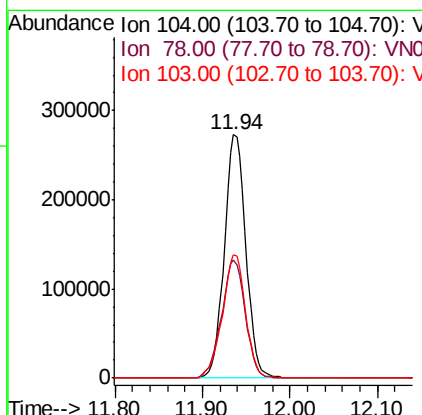
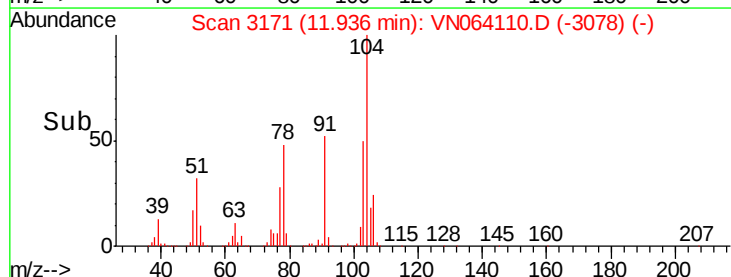
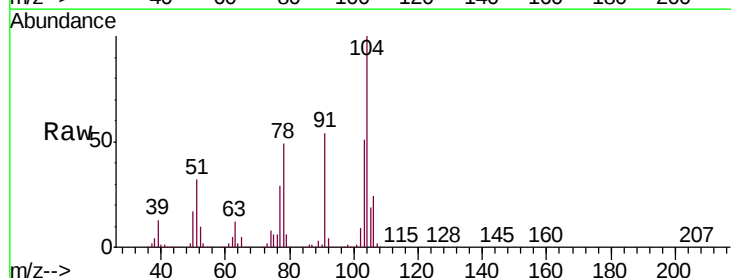
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 264680
Ion Ratio Lower Upper
106 100
91 226.9 112.7 338.0



#70
Styrene
Concen: 52.413 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion:104 Resp: 468153
Ion Ratio Lower Upper
104 100
78 53.7 44.1 66.1
103 54.2 44.3 66.5





#71

Bromoform

Concen: 52.208 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

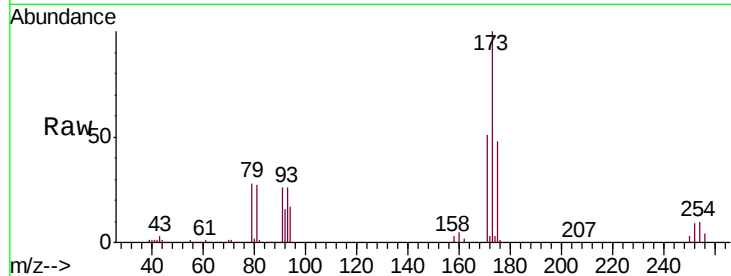
Tgt Ion:173 Resp: 127074

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.5

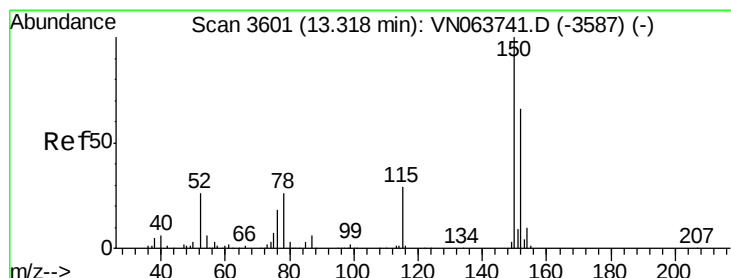
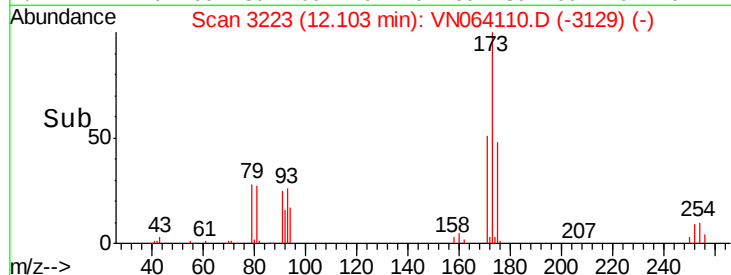
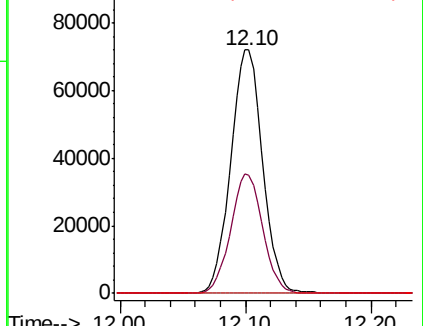
254 0.0 0.0 0.0



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: VN064110.D

Acq: 13 Oct 2020 18:46

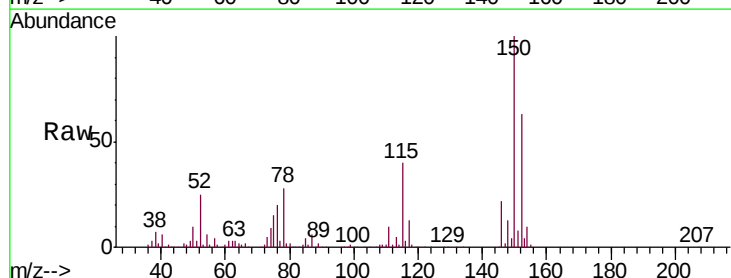
Tgt Ion:152 Resp: 190481

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

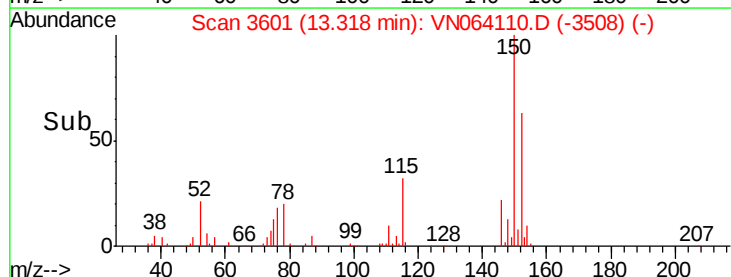
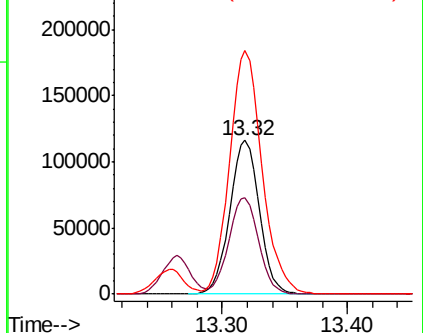
150 172.6 0.0 341.8

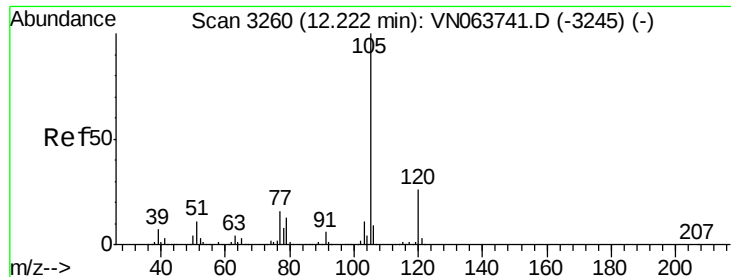


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.329 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

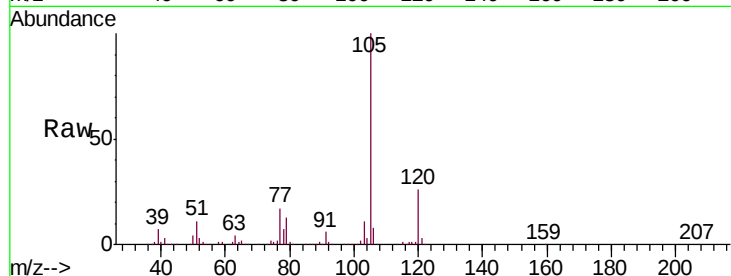
VSTDCCC050EC

Tgt Ion: 105 Resp: 713138

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

12.22

400000

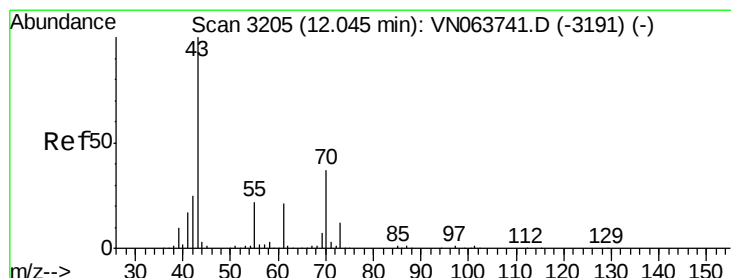
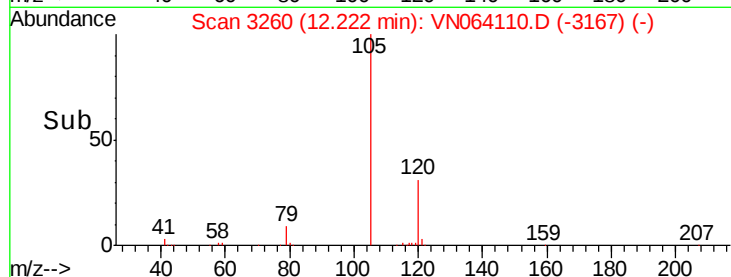
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.731 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion: 43 Resp: 354838

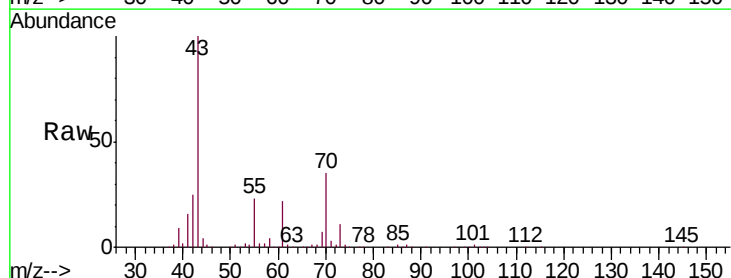
Ion Ratio Lower Upper

43 100

70 36.0 29.8 44.8

55 23.2 17.9 26.9

61 21.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

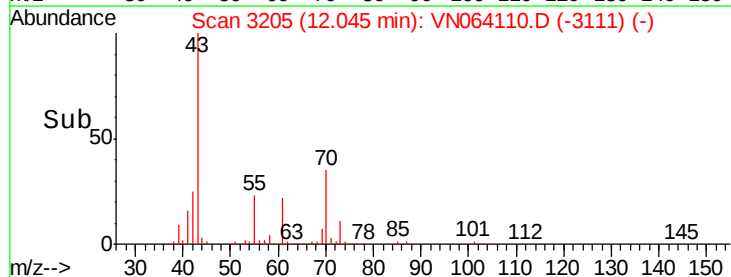
300000

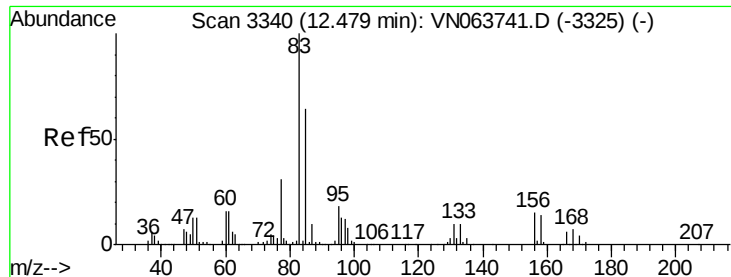
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.993 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

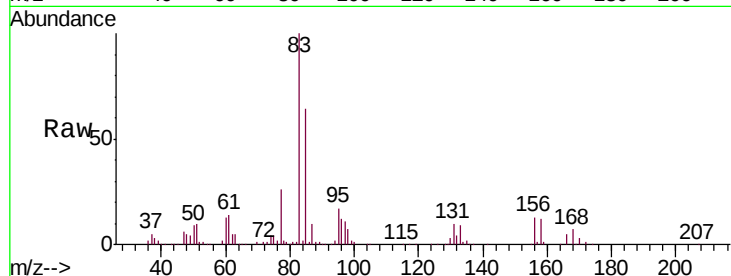
Tgt Ion: 83 Resp: 237888

Ion Ratio Lower Upper

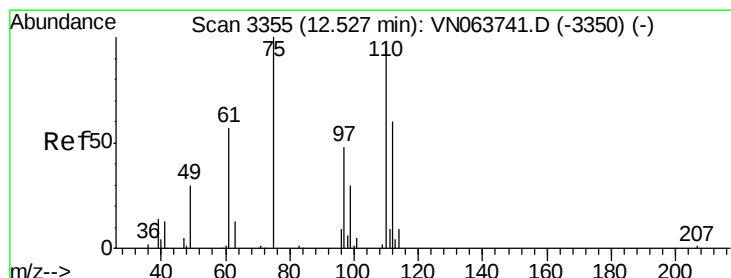
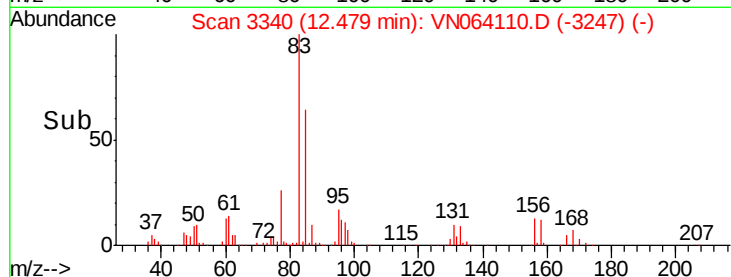
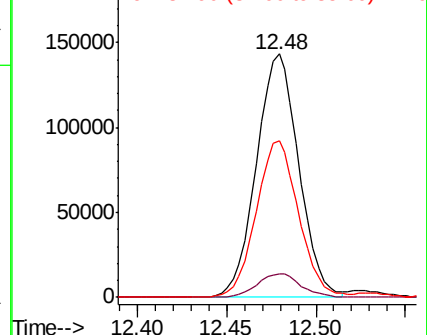
83 100

131 10.0 5.3 15.8

85 64.3 31.3 93.8



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



#76

1,2,3-Trichloropropane

Concen: 76.933 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064110.D

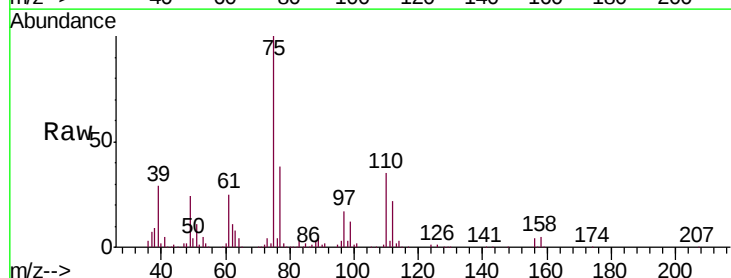
Acq: 13 Oct 2020 18:46

Tgt Ion: 75 Resp: 323037

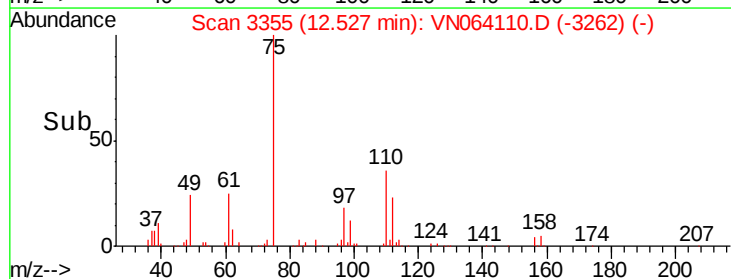
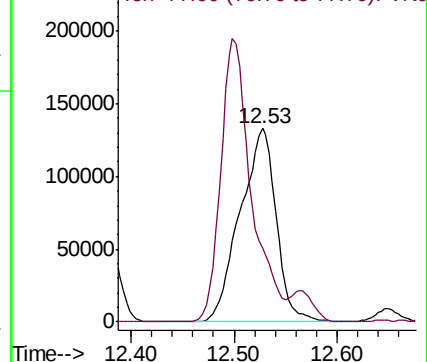
Ion Ratio Lower Upper

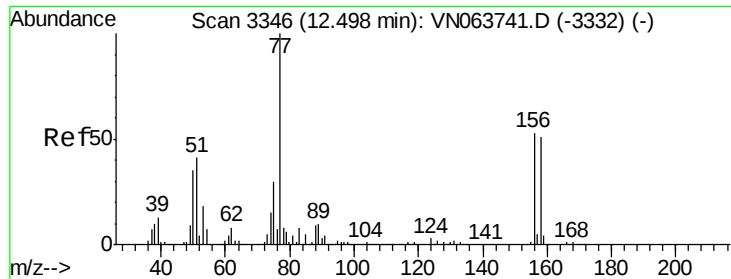
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 52.523 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

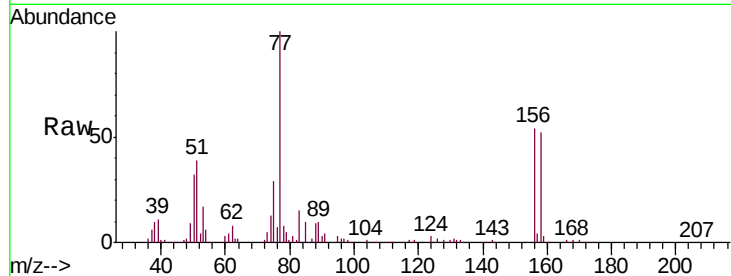
Tgt Ion:156 Resp: 179058

Ion Ratio Lower Upper

156 100

77 223.6 110.9 332.7

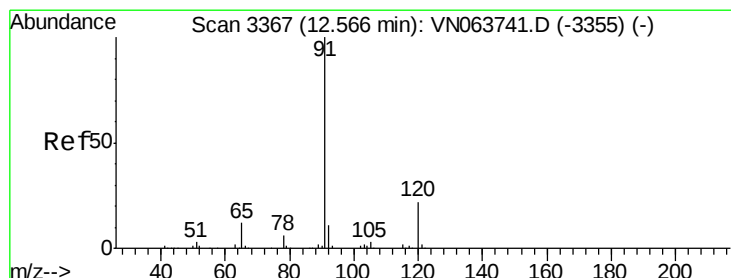
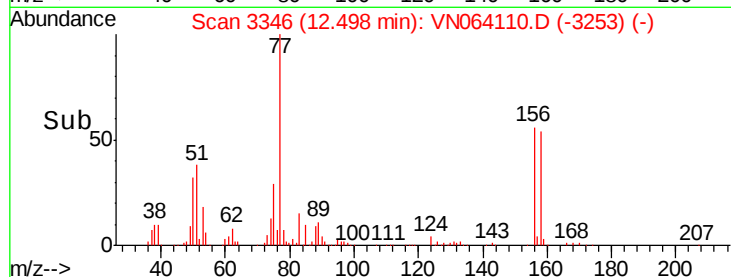
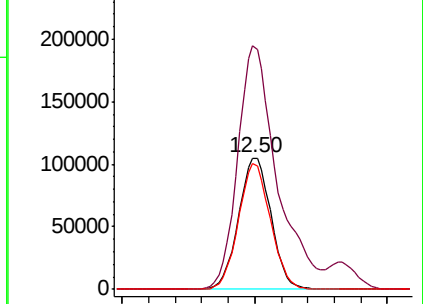
158 94.5 47.7 143.1



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: 50.438 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064110.D

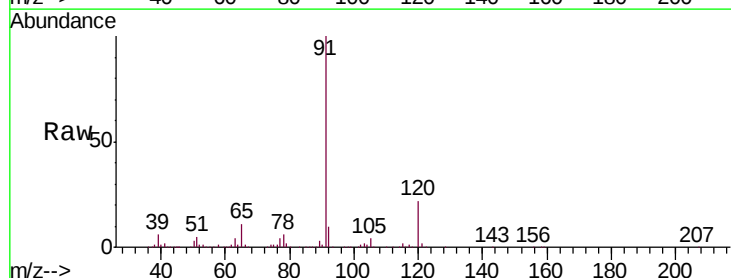
Acq: 13 Oct 2020 18:46

Tgt Ion: 91 Resp: 815545

Ion Ratio Lower Upper

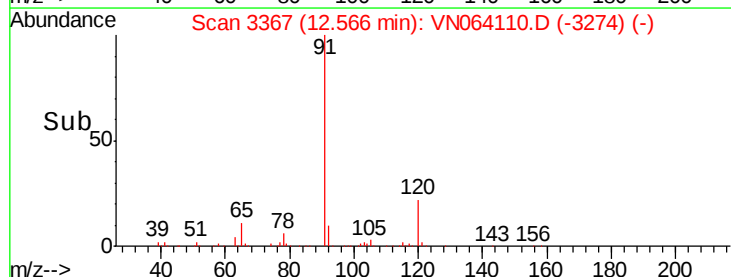
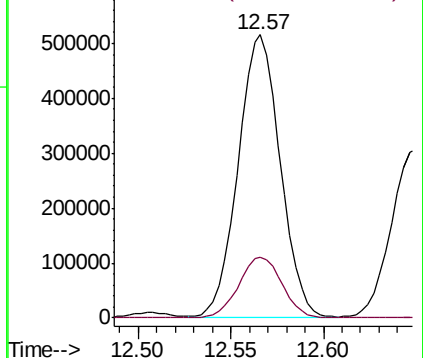
91 100

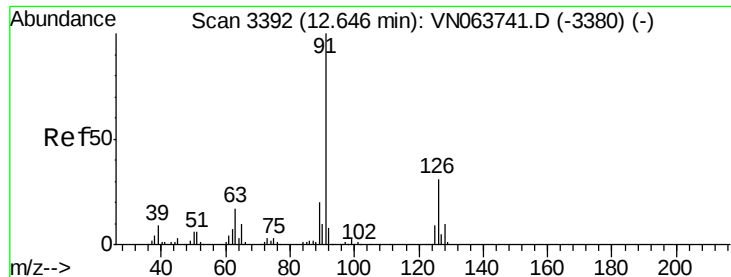
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

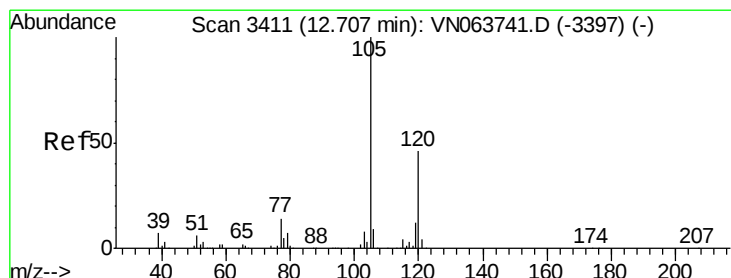
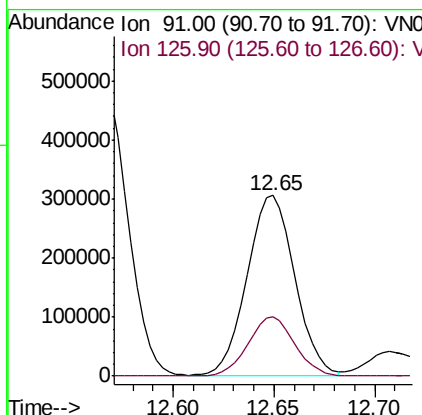
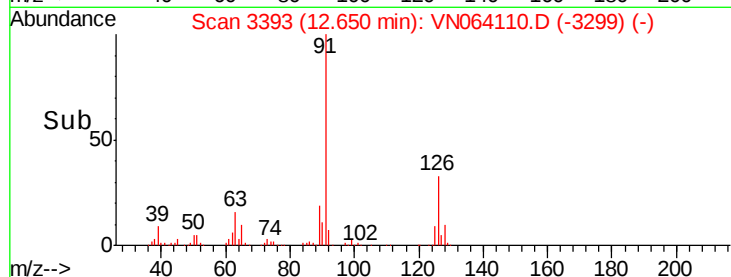
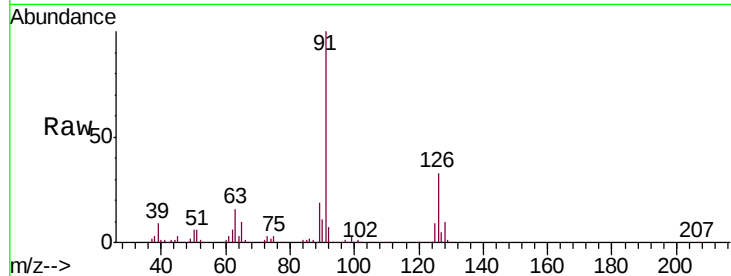




#79
 2-Chlorotoluene
 Concen: 51.244 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

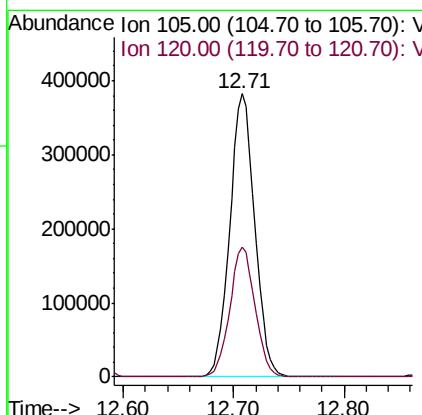
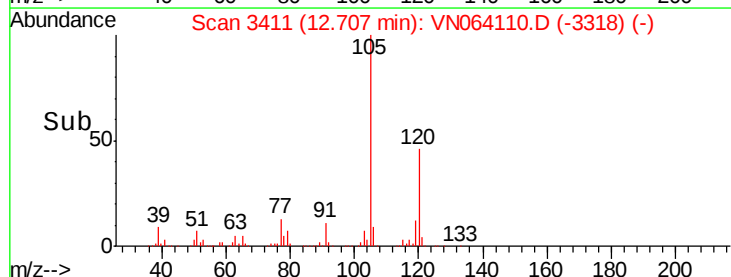
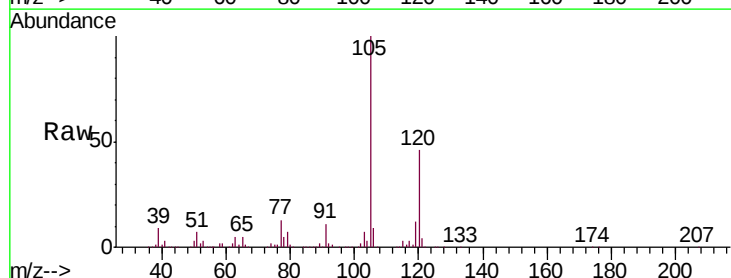
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

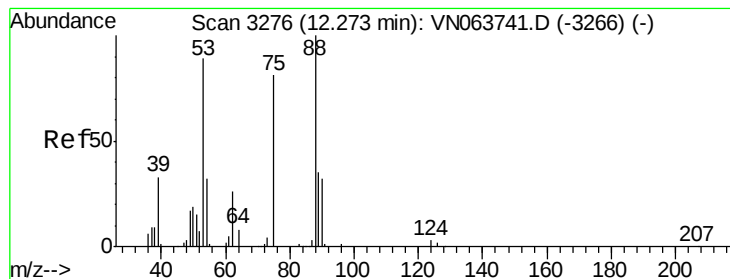
Tgt Ion: 91 Resp: 509591
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.288 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 105 Resp: 597808
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 56.687 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

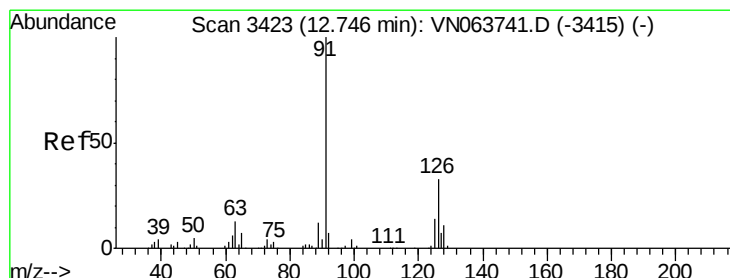
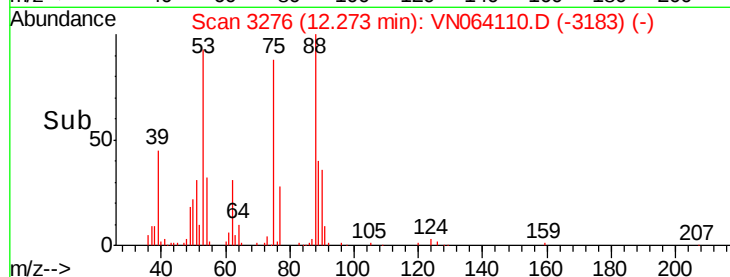
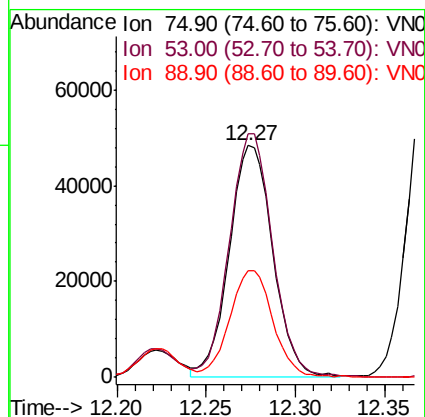
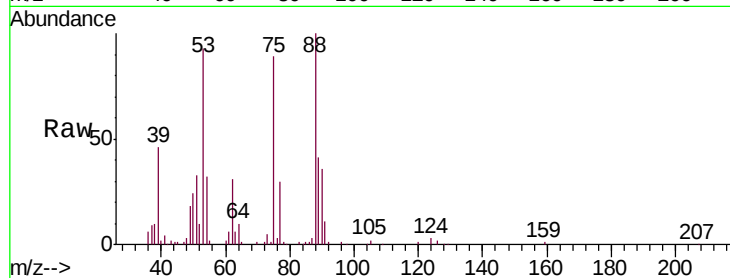
Tgt Ion: 75 Resp: 82643

Ion Ratio Lower Upper

75 100

53 104.4 88.2 132.2

89 45.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.010 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064110.D

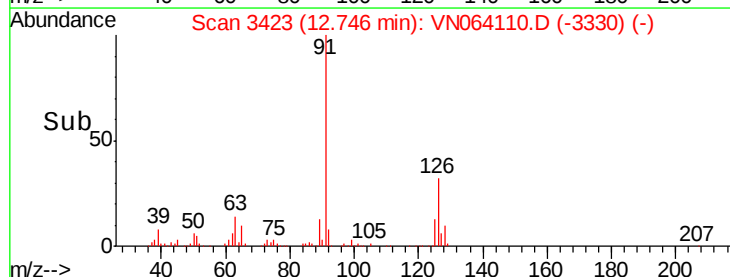
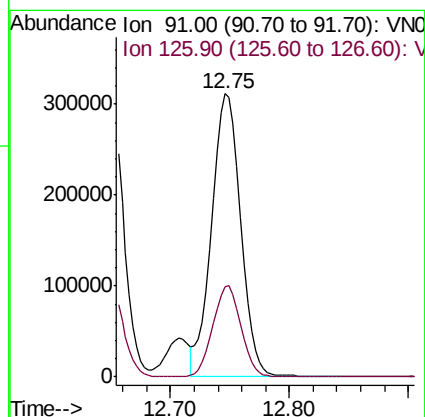
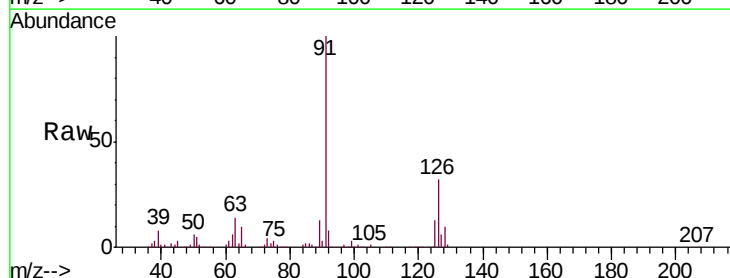
Acq: 13 Oct 2020 18:46

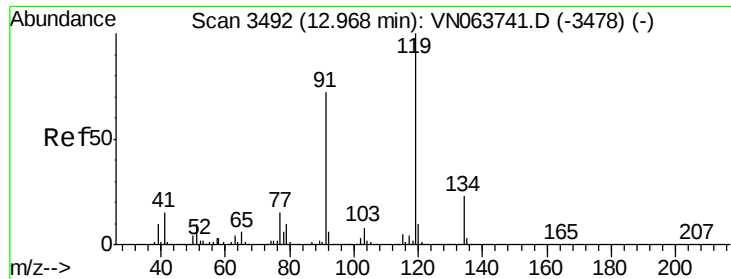
Tgt Ion: 91 Resp: 526593

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

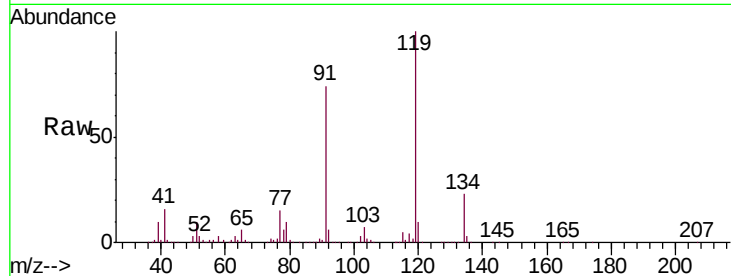




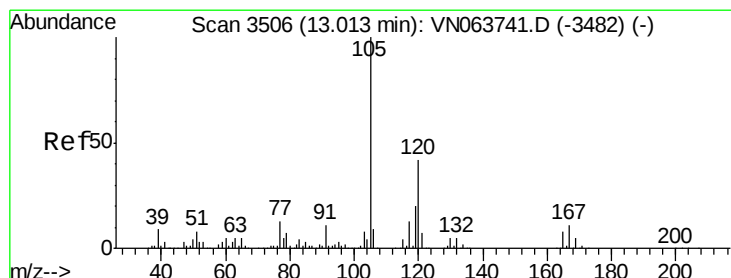
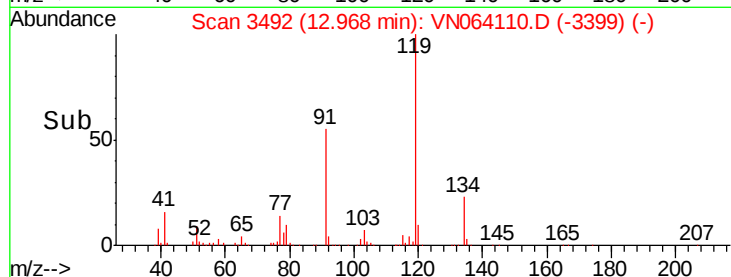
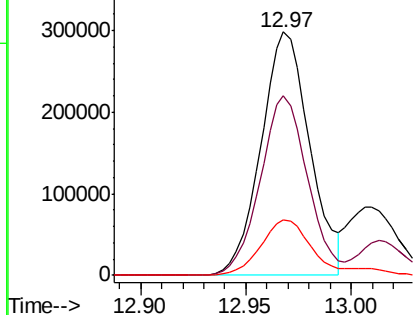
#83
 tert-Butylbenzene
 Concen: 50.463 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 481134
 Ion Ratio Lower Upper
 119 100
 91 71.6 35.5 106.5
 134 23.1 11.7 35.1

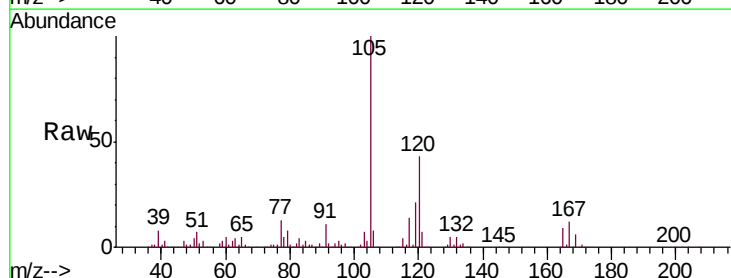


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

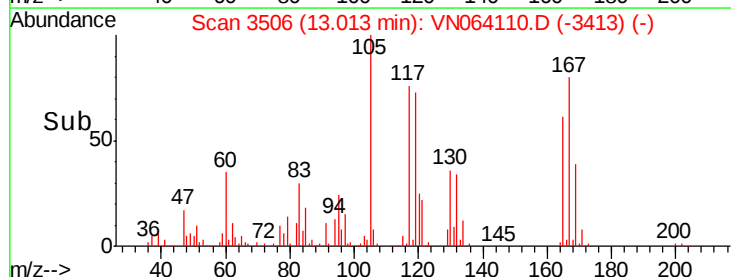
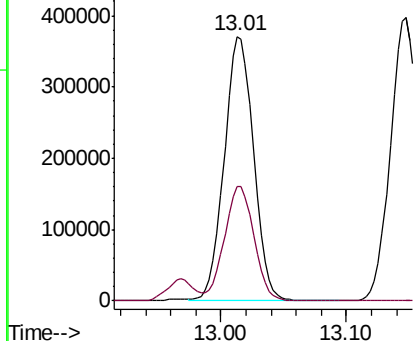


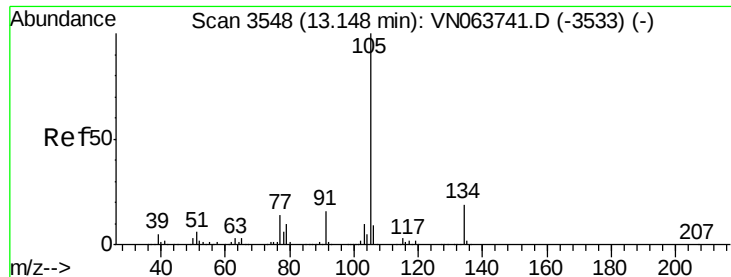
#84
 1,2,4-Trimethylbenzene
 Concen: 51.468 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion:105 Resp: 598952
 Ion Ratio Lower Upper
 105 100
 120 43.9 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

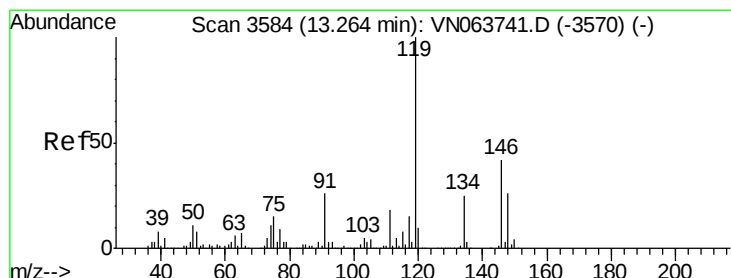
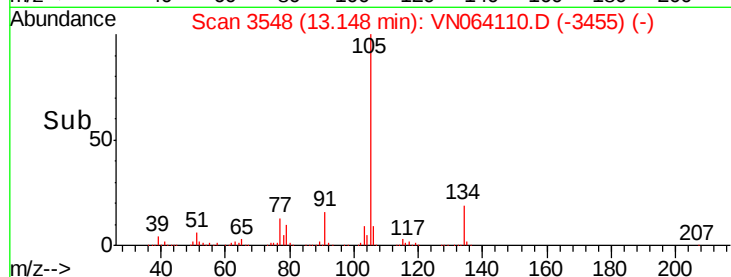
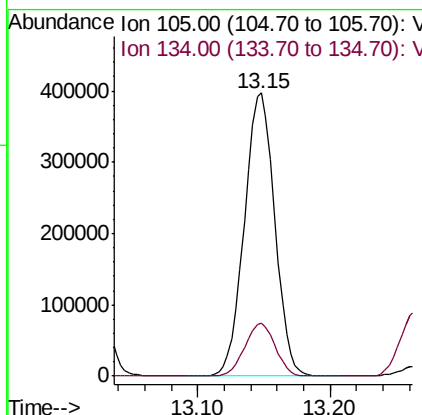
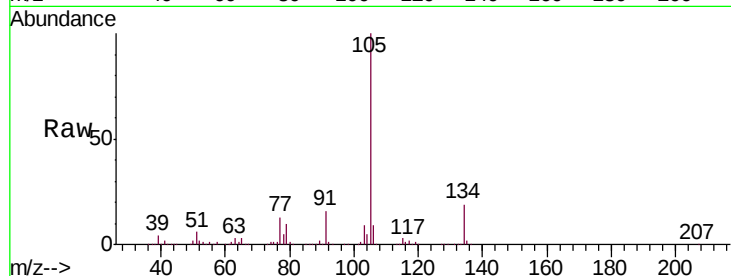




#85
 sec-Butylbenzene
 Concen: 50.224 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

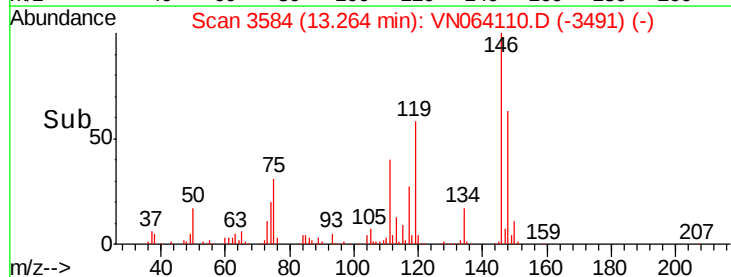
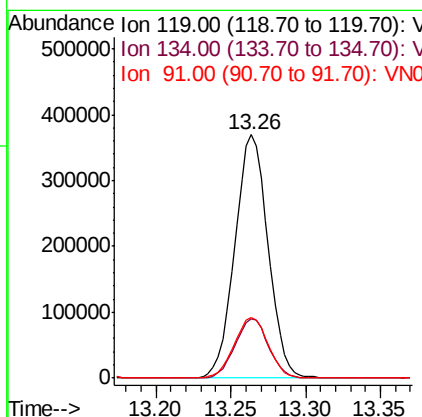
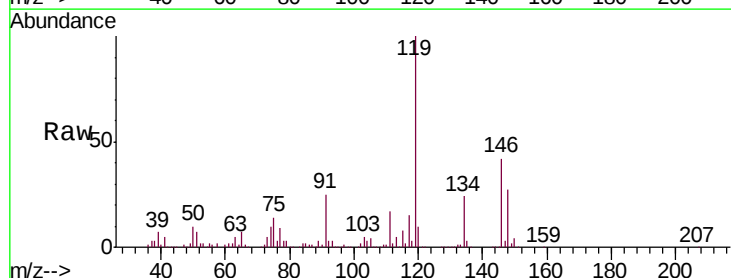
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 628942
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 51.268 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion:119 Resp: 567968
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 25.6 13.4 40.2

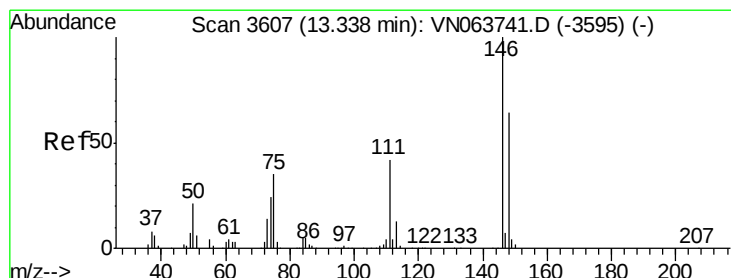
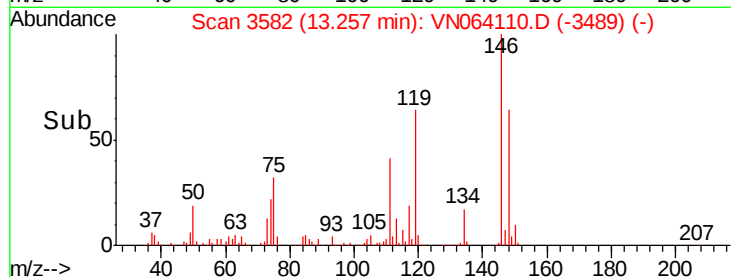
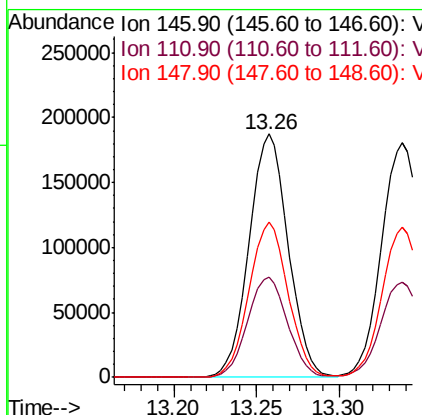
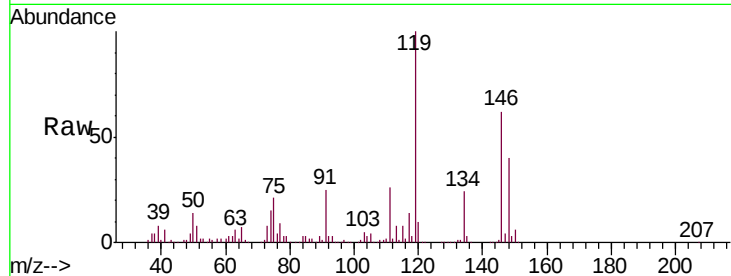




#87
 1,3-Dichlorobenzene
 Concen: 49.824 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

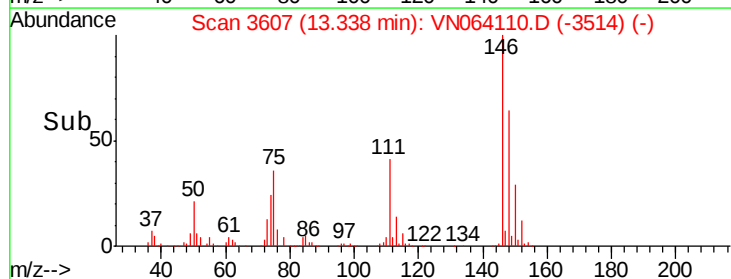
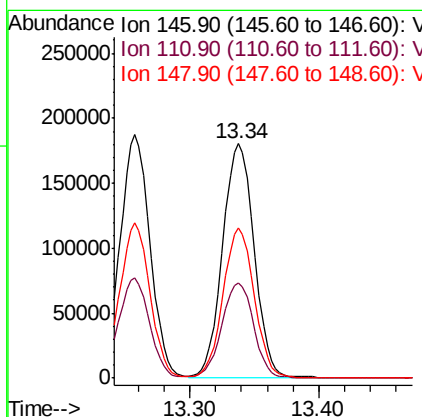
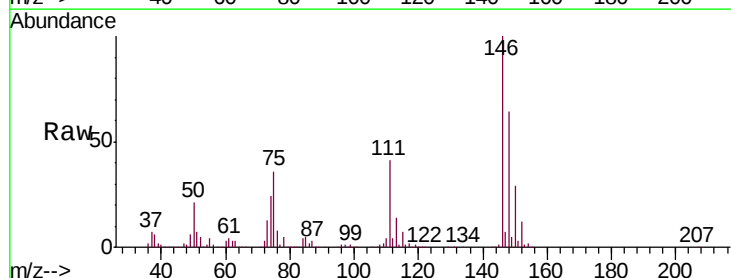
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

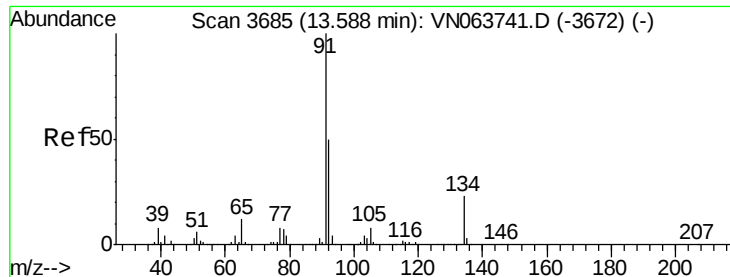
Tgt Ion:146 Resp: 307296
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 63.7 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.596 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion:146 Resp: 305646
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.7
 148 63.3 32.0 96.0





#89

n-Butylbenzene

Concen: 44.588 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

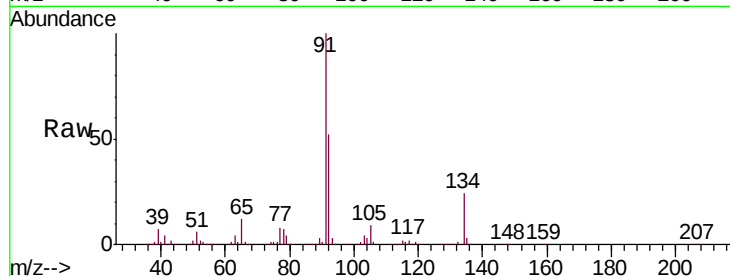
Tgt Ion: 91 Resp: 455907

Ion Ratio Lower Upper

91 100

92 51.7 25.4 76.4

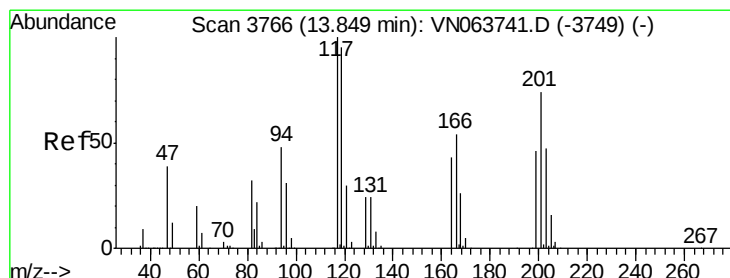
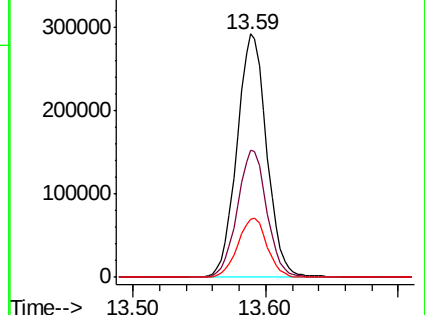
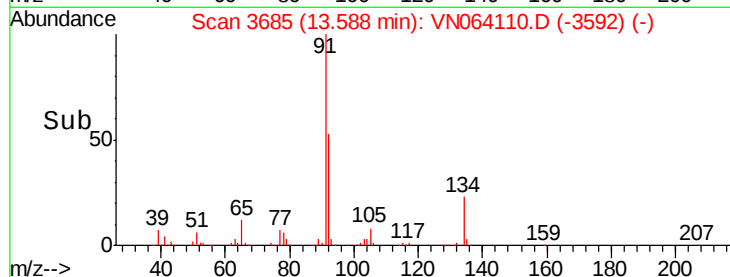
134 24.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN064110.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN064110.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN064110.D (-3672) (-)



#90

Hexachloroethane

Concen: 50.696 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064110.D

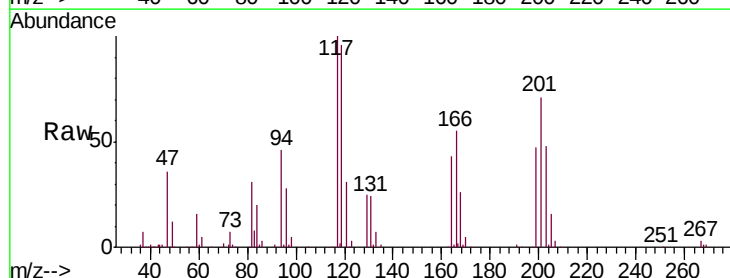
Acq: 13 Oct 2020 18:46

Tgt Ion: 117 Resp: 108831

Ion Ratio Lower Upper

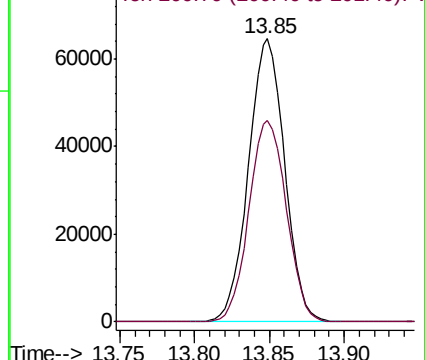
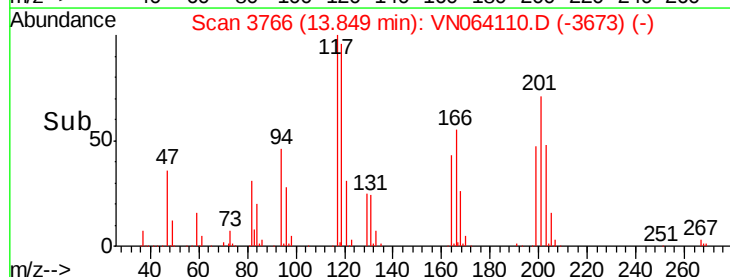
117 100

201 73.4 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN064110.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN064110.D (-3749) (-)

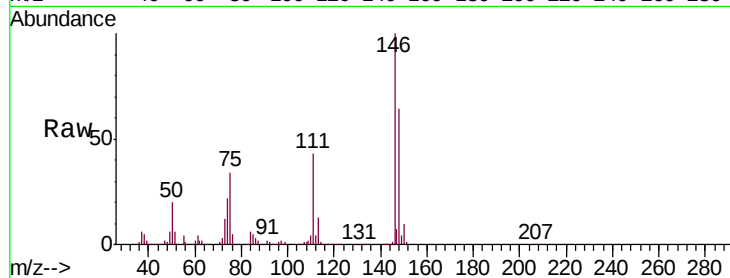




#91
 1,2-Dichlorobenzene
 Concen: 50.797 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.2	66.6
148	63.1	32.5	97.4

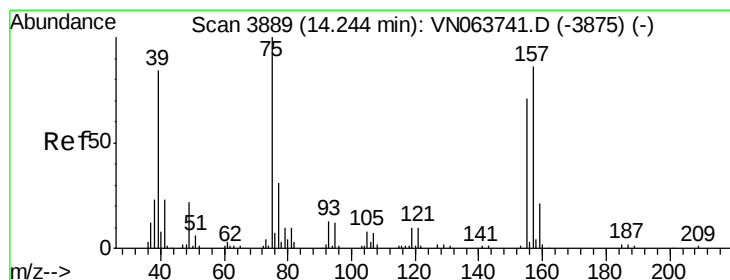
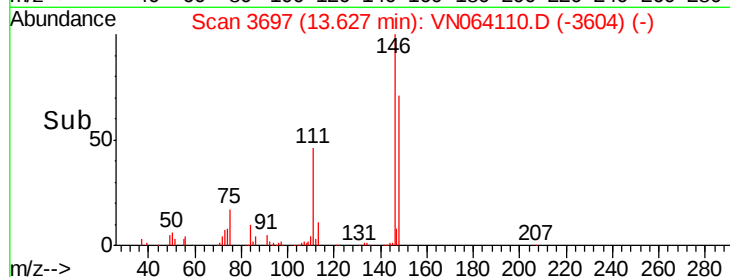
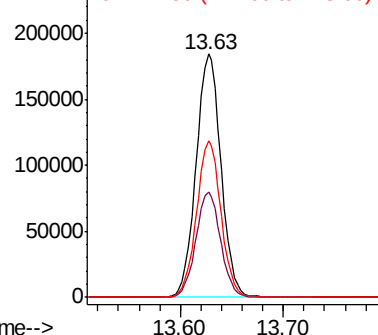


Abundance

Ion 145.90 (145.60 to 146.60): V

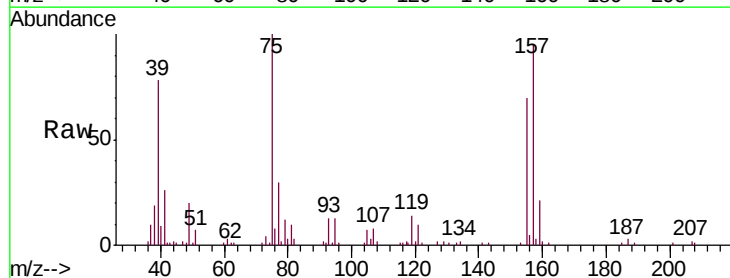
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.191 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	34.8	104.5
157	96.1	43.7	131.1

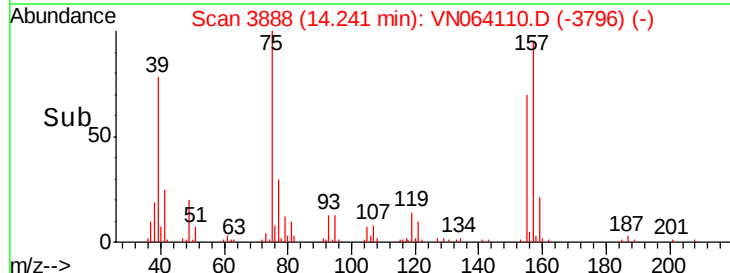
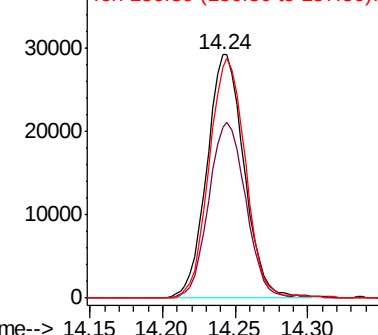


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

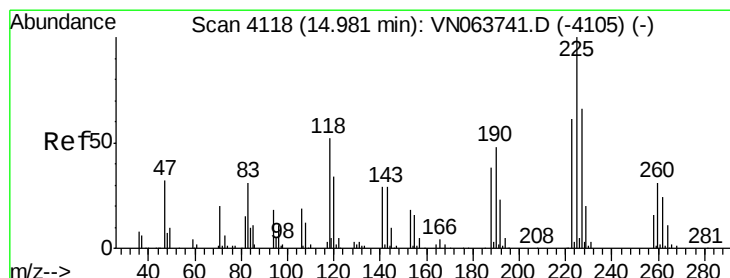
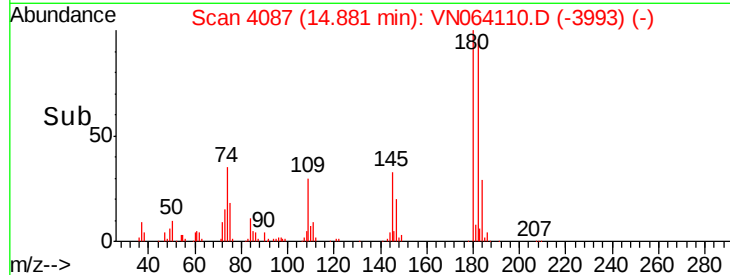
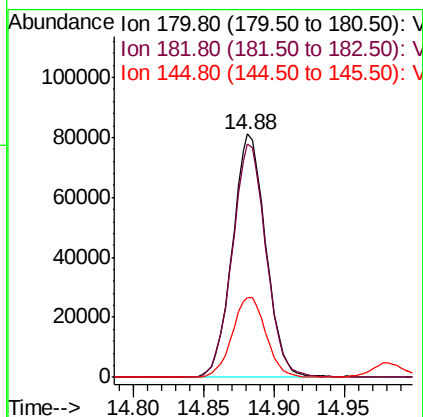
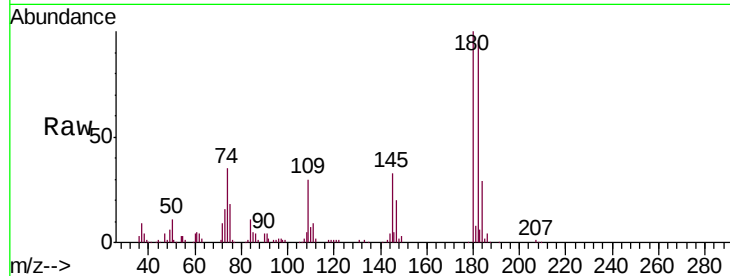




#93
 1,2,4-Trichlorobenzene
 Concen: 40.911 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

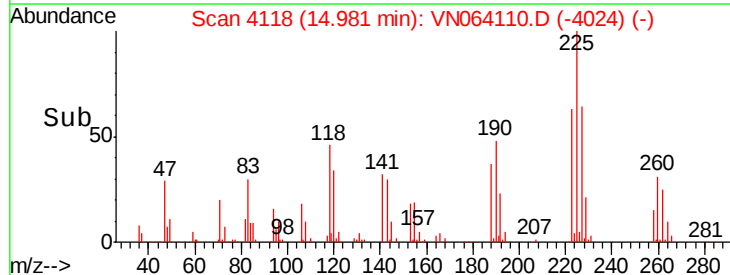
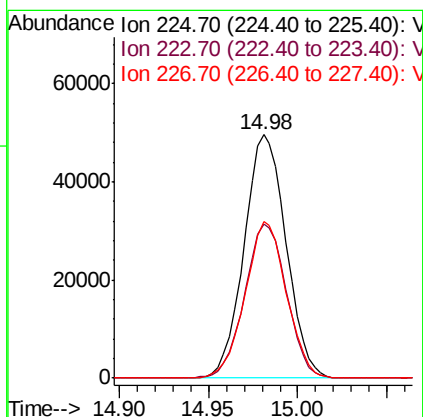
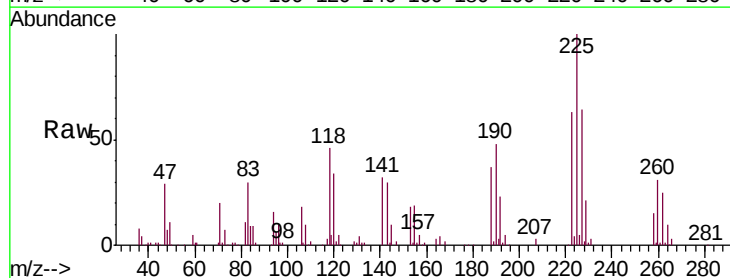
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

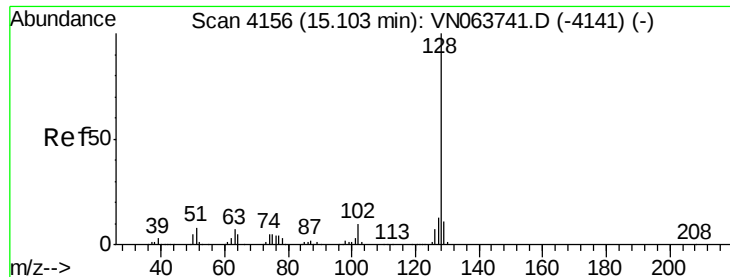
Tgt Ion:180 Resp: 134811
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.2 144.6
 145 33.3 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 49.147 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion:225 Resp: 81401
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.3 91.0
 227 63.1 31.9 95.5

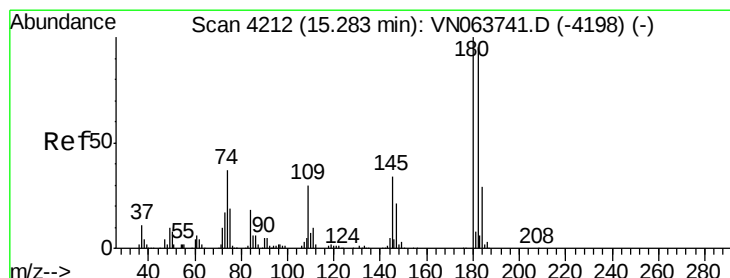
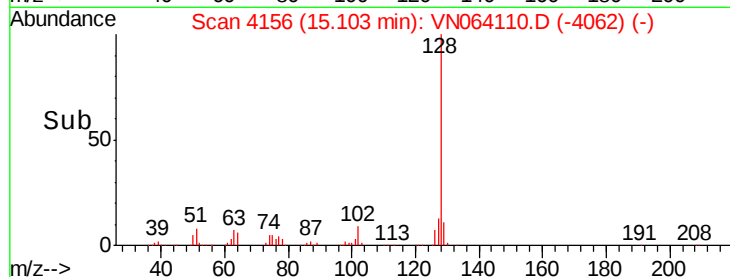
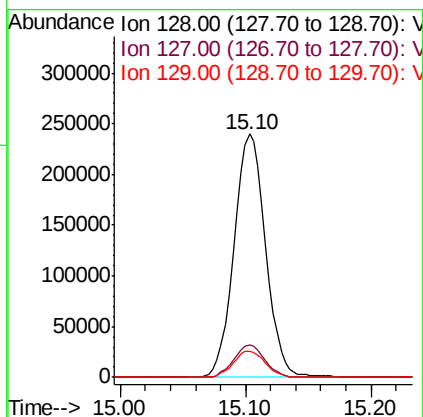
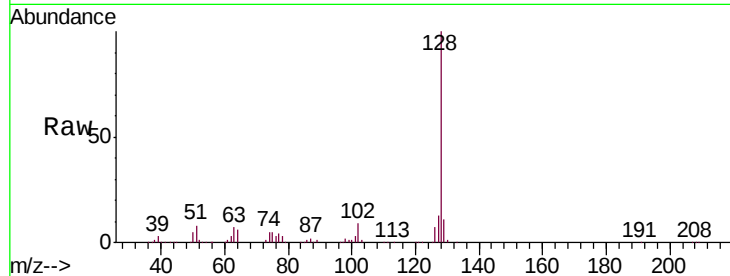




#95
Naphthalene
Concen: 41.055 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 418281
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.186 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion:180 Resp: 138424
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.6
145 33.6 17.2 51.5

