

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063960.D
 Acq On : 7 Oct 2020 22:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 05:07:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209807	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	220695	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.55	113	151361	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.06	98	569805	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.38	95	215986	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	133848	44.616	ug/l	99
3) Chloromethane	2.04	50	158585	45.052	ug/l	98
4) Vinyl Chloride	2.16	62	155089	43.892	ug/l	98
5) Bromomethane	2.53	94	91866	41.334	ug/l	96
6) Chloroethane	2.67	64	103602	49.068	ug/l	99
7) Trichlorofluoromethane	2.99	101	268023	47.828	ug/l	99
8) Diethyl Ether	3.38	74	93491	49.330	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138450	46.223	ug/l	97
10) Methyl Iodide	3.91	142	158843	45.674	ug/l	97
11) Tert butyl alcohol	4.73	59	135404	261.111	ug/l	99
12) 1,1-Dichloroethene	3.70	96	132614	46.320	ug/l	100
13) Acrolein	3.57	56	79537	249.905	ug/l	95
14) Allyl chloride	4.28	41	270315	50.822	ug/l	93
15) Acrylonitrile	4.93	53	396019	266.792	ug/l	99
16) Acetone	3.78	43	357451	247.216	ug/l	99
17) Carbon Disulfide	4.01	76	350500	45.361	ug/l	100
18) Methyl Acetate	4.28	43	206316	54.957	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	527235	50.689	ug/l	97
20) Methylene Chloride	4.51	84	164679	49.725	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148468	46.298	ug/l	94
22) Diisopropyl ether	5.90	45	593037	54.192	ug/l	98
23) Vinyl Acetate	5.85	43	2397235	264.452	ug/l	100
24) 1,1-Dichloroethane	5.80	63	308996	49.384	ug/l	99
25) 2-Butanone	6.78	43	564566	275.407	ug/l	97
26) 2,2-Dichloropropane	6.78	77	232812	40.630	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	177034	48.001	ug/l	98
28) Bromochloromethane	7.15	49	159453	51.561	ug/l	99
29) Tetrahydrofuran	7.17	42	376610	273.923	ug/l	97
30) Chloroform	7.33	83	329815	50.554	ug/l	93
31) Cyclohexane	7.61	56	248724	45.612	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	296218	50.338	ug/l	98
36) 1,1-Dichloropropene	7.75	75	228875	49.217	ug/l	100
37) Ethyl Acetate	6.88	43	236864	51.267	ug/l	97
38) Carbon Tetrachloride	7.74	117	256226	49.136	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	218218	47.055	ug/l	98
40) Benzene	8.00	78	663986	49.990	ug/l	100
41) Methacrylonitrile	7.13	41	106236	51.737	ug/l	93
42) 1,2-Dichloroethane	8.09	62	282524	49.829	ug/l	99
43) Isopropyl Acetate	8.13	43	408658	53.624	ug/l #	91
44) Trichloroethene	8.80	130	167089	48.011	ug/l	99
45) 1,2-Dichloropropane	9.08	63	189017	52.692	ug/l	98
46) Dibromomethane	9.18	93	123596	49.945	ug/l	98
47) Bromodichloromethane	9.37	83	264376	51.838	ug/l	99
48) Methyl methacrylate	9.17	41	201156	53.426	ug/l	95
49) 1,4-Dioxane	9.17	88	53812	1005.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1255282	280.685	ug/l	100
52) Toluene	10.13	92	421592	51.315	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	272249	49.799	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	289630	50.657	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	171514	52.056	ug/l	98
56) Ethyl methacrylate	10.40	69	256735	54.973	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291385	52.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	674337	269.935	ug/l	99
59) 2-Hexanone	10.72	43	917002	276.019	ug/l	100
60) Dibromochloromethane	10.87	129	202451	52.762	ug/l	99
61) 1,2-Dibromoethane	10.98	107	178398	52.932	ug/l	99
64) Tetrachloroethene	10.60	164	154653	46.140	ug/l	97
65) Chlorobenzene	11.41	112	448383	50.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	177435	52.079	ug/l	100
67) Ethyl Benzene	11.49	91	827153	51.150	ug/l	100
68) m/p-Xylenes	11.59	106	614229	101.914	ug/l	99
69) o-Xylene	11.92	106	293737	52.144	ug/l	98
70) Styrene	11.94	104	511596	53.502	ug/l	98
71) Bromoform	12.10	173	137655	52.828	ug/l #	99
73) Isopropylbenzene	12.23	105	784940	51.293	ug/l	99
74) N-amyl acetate	12.04	43	364095	51.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	246478	52.671	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	332525	71.898	ug/l #	100
77) Bromobenzene	12.50	156	200284	53.338	ug/l	97
78) n-propylbenzene	12.57	91	905783	50.859	ug/l	100
79) 2-Chlorotoluene	12.65	91	562222	51.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	658964	51.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	78493	48.881	ug/l	98
82) 4-Chlorotoluene	12.75	91	583579	51.323	ug/l	99
83) tert-Butylbenzene	12.97	119	534807	50.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	667016	52.037	ug/l	98
85) sec-Butylbenzene	13.15	105	699892	50.741	ug/l	99
86) p-Isopropyltoluene	13.26	119	625030	51.222	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342970	50.486	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	349141	49.361	ug/l	99
89) n-Butylbenzene	13.59	91	523163	46.452	ug/l	99
90) Hexachloroethane	13.85	117	121038	51.189	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	344548	51.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53749	48.977	ug/l	95

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

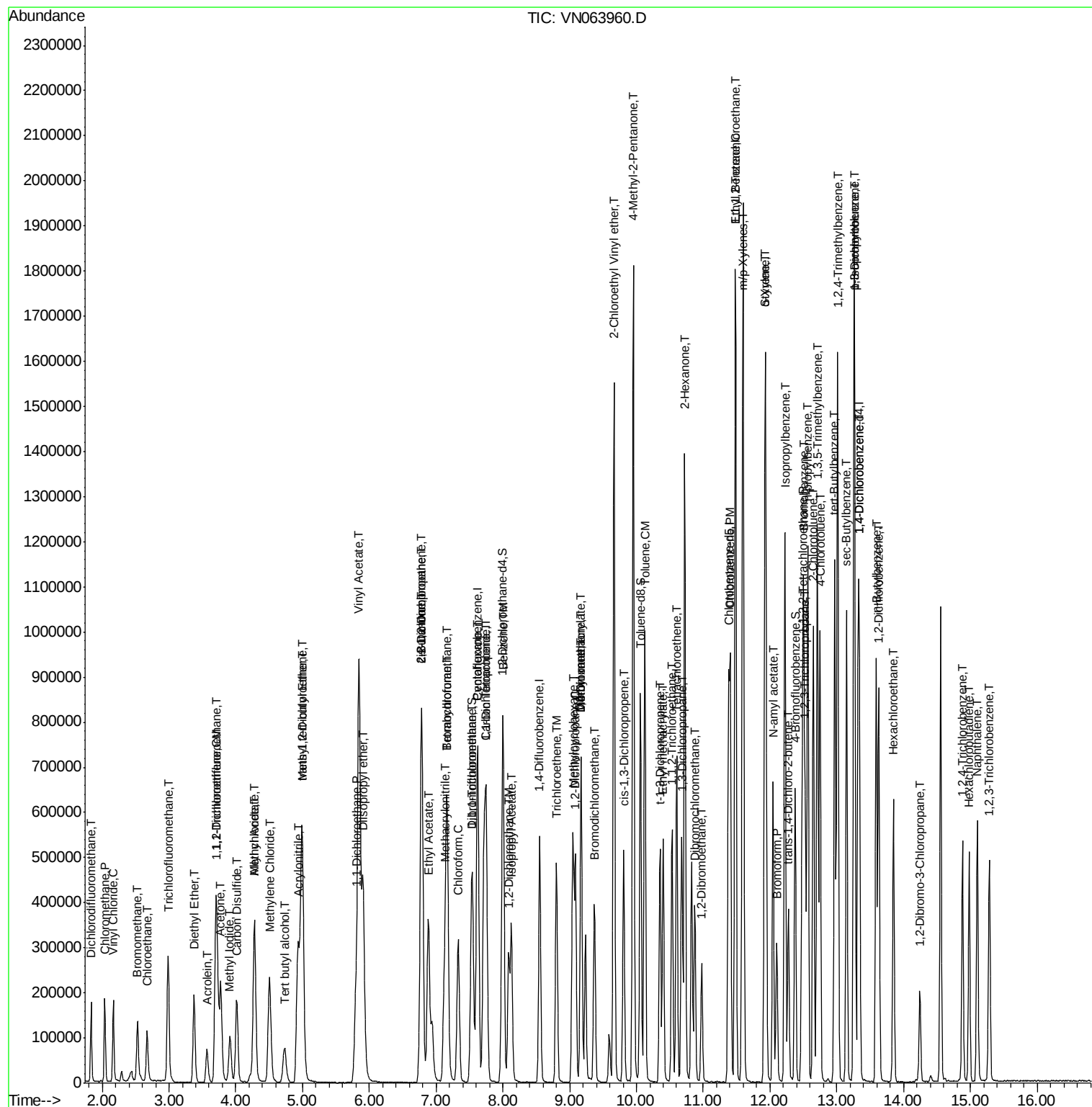
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	160316	44.032	ug/l	97
94) Hexachlorobutadiene	14.98	225	91161	49.969	ug/l	96
95) Naphthalene	15.11	128	481876	42.852	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	157628	44.594	ug/l	99

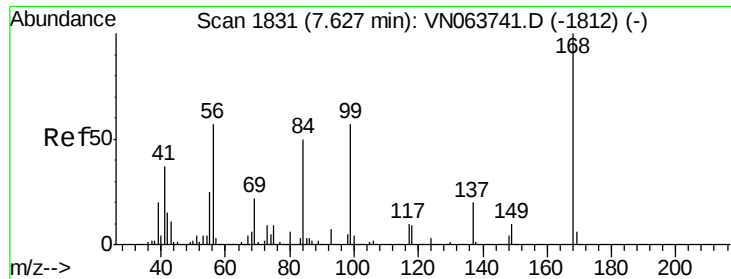
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063960.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

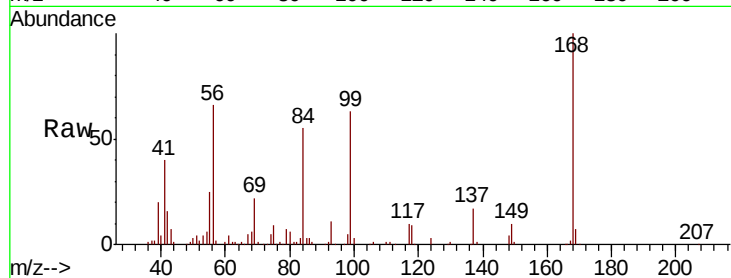
VSTDCCC050

Tot Ion:168 Resp: 284313

Ion Ratio Lower Upper

168 100

99 63.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

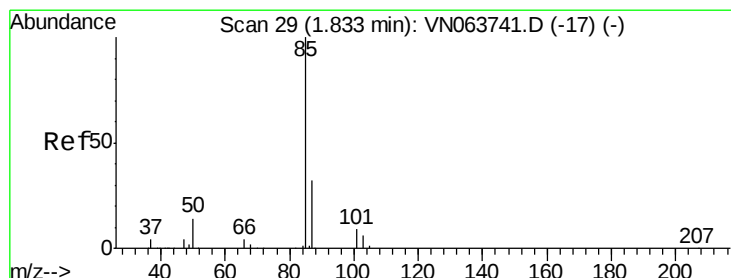
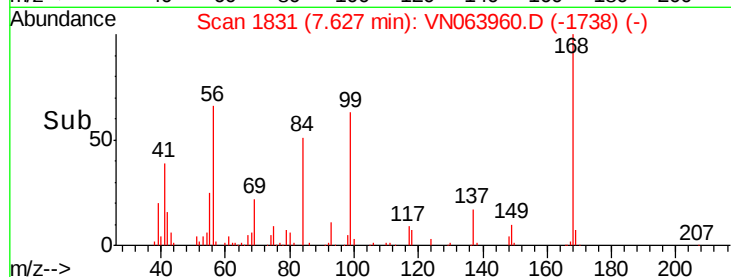
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.616 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063960.D

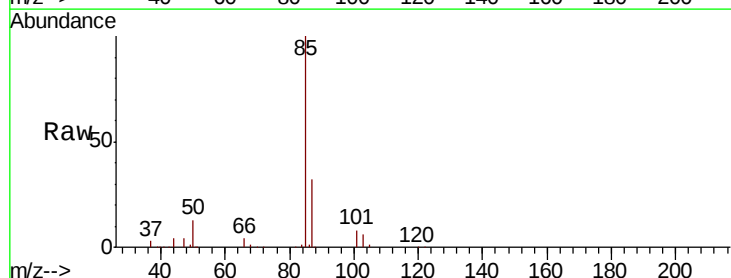
Acq: 7 Oct 2020 22:54

Tgt Ion: 85 Resp: 133848

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

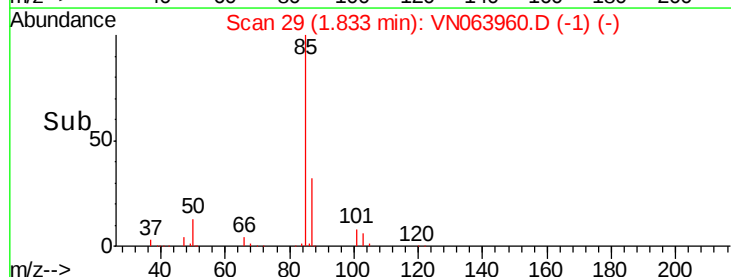
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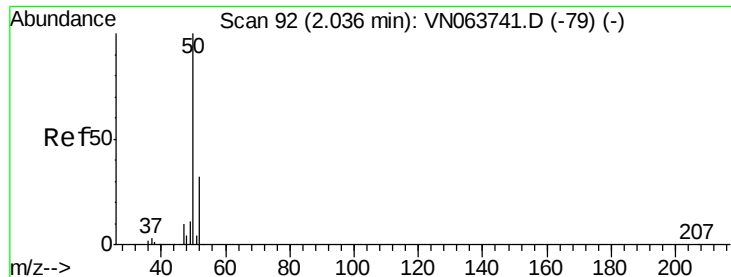
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 45.052 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

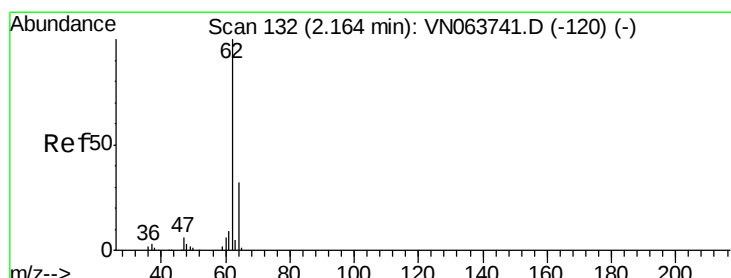
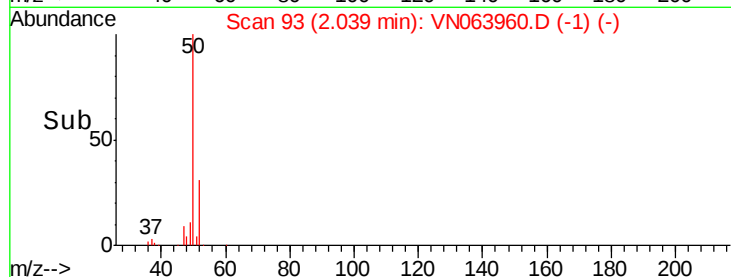
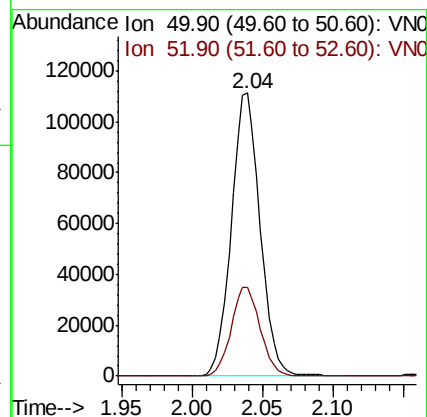
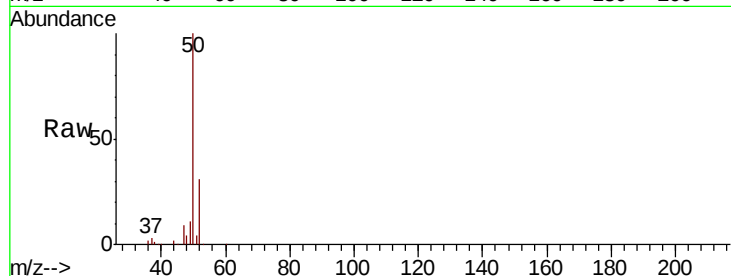
VSTDCCC050

Tot Ion: 50 Resp: 158585

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.8



#4

Vinyl Chloride

Concen: 43.892 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063960.D

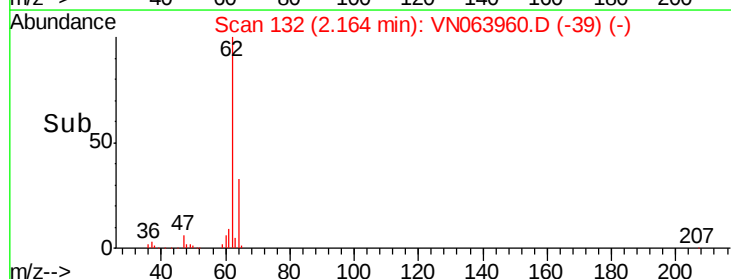
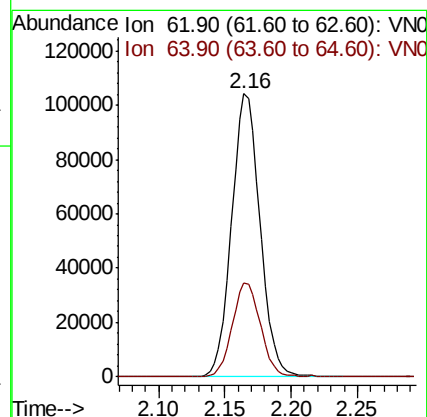
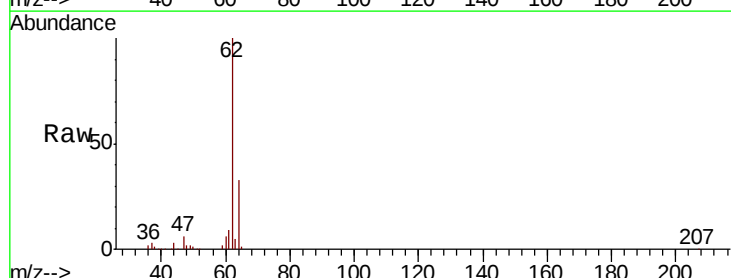
Acq: 7 Oct 2020 22:54

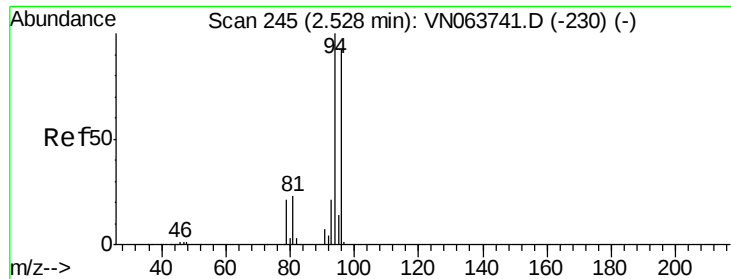
Tgt Ion: 62 Resp: 155089

Ion Ratio Lower Upper

62 100

64 33.2 25.6 38.4





#5

Bromomethane

Concen: 41.334 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

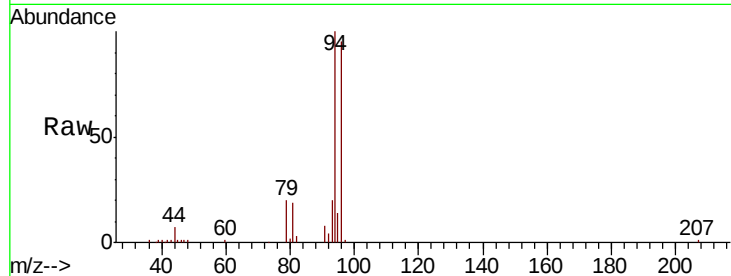
VSTDCCC050

Tot Ion: 94 Resp: 91866

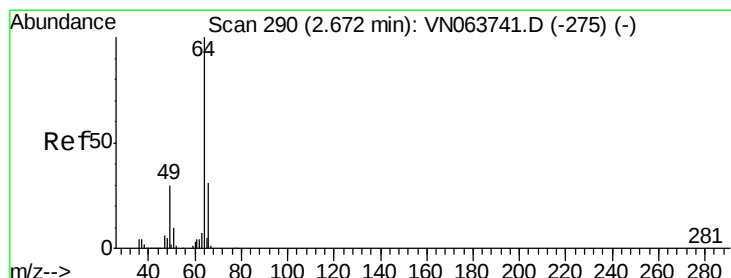
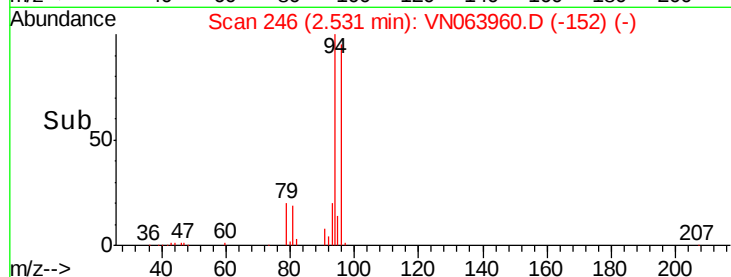
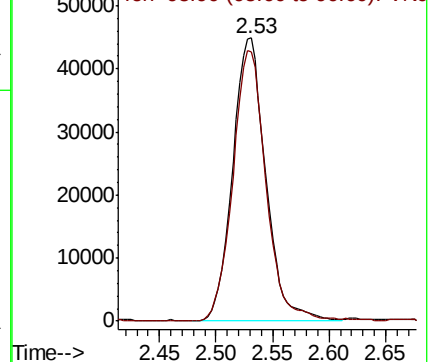
Ion Ratio Lower Upper

94 100

96 95.3 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: 49.068 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063960.D

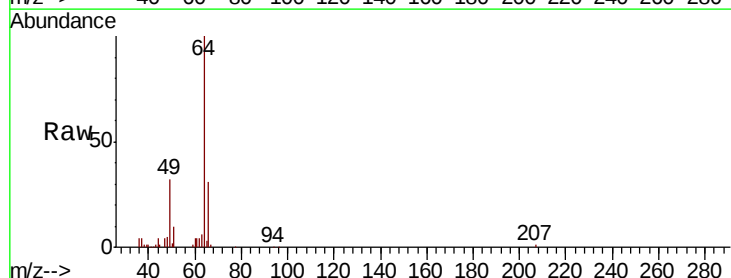
Acq: 7 Oct 2020 22:54

Tgt Ion: 64 Resp: 103602

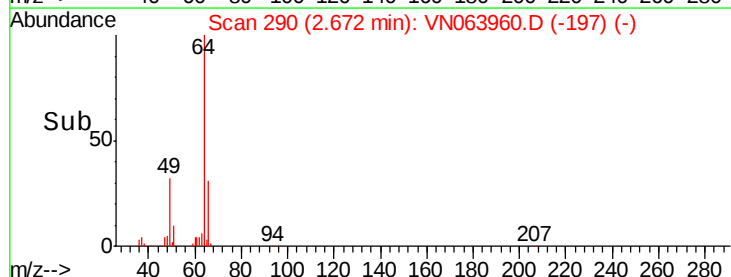
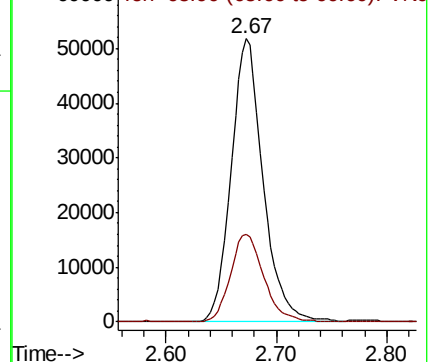
Ion Ratio Lower Upper

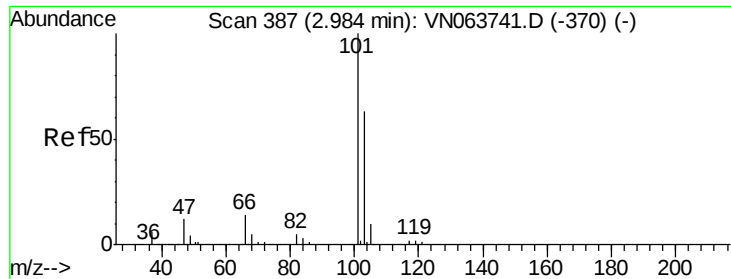
64 100

66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



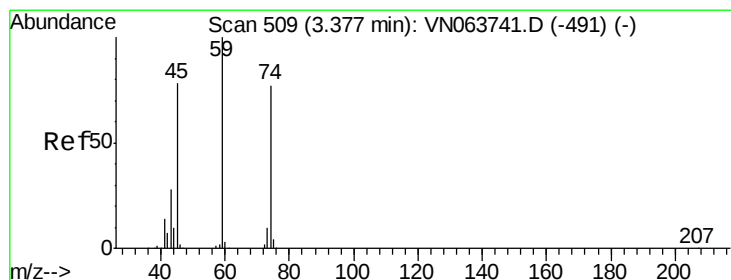
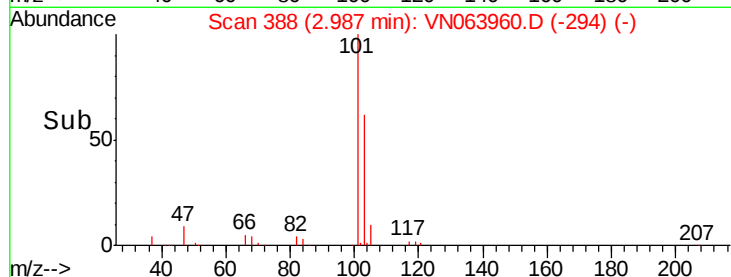
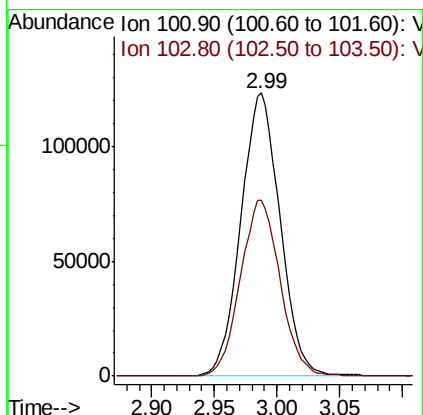
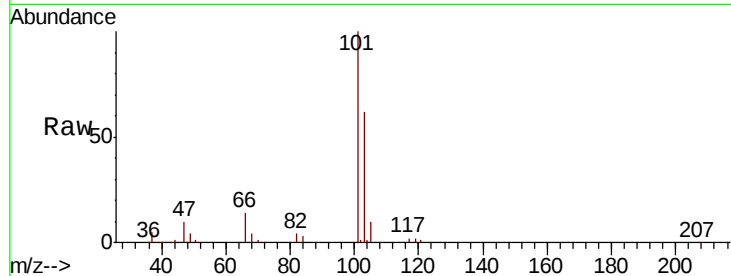


#7

Trichlorofluoromethane
 Concen: 47.828 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Instrument :
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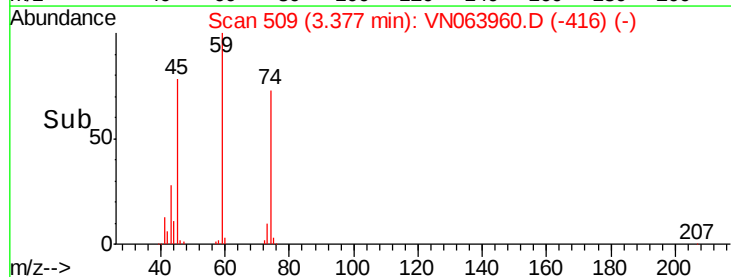
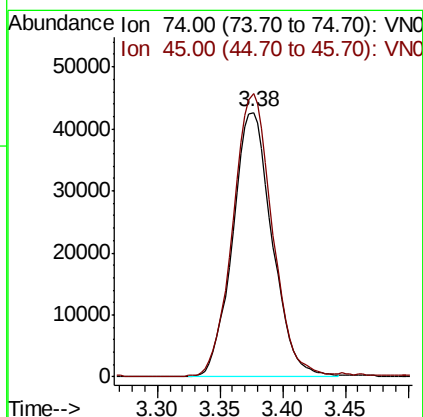
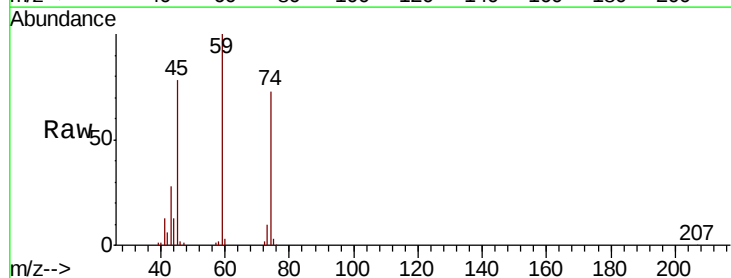
Tot Ion:101 Resp: 268023
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1



#8

Diethyl Ether
 Concen: 49.330 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 74 Resp: 93491
 Ion Ratio Lower Upper
 74 100
 45 107.1 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.223 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

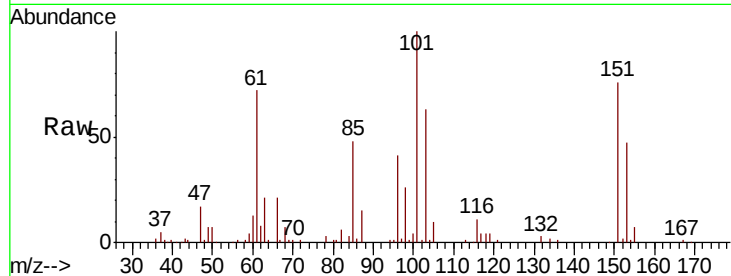
Tot Ion:101 Resp: 138450

Ion Ratio Lower Upper

101 100

85 49.0 38.6 58.0

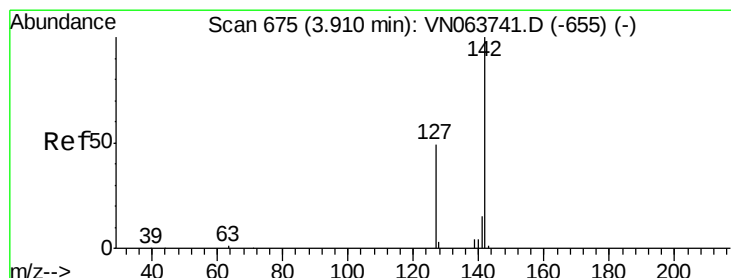
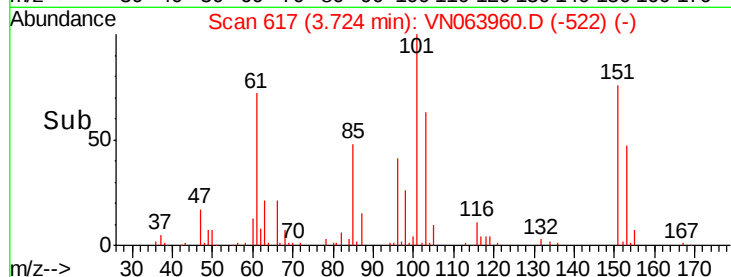
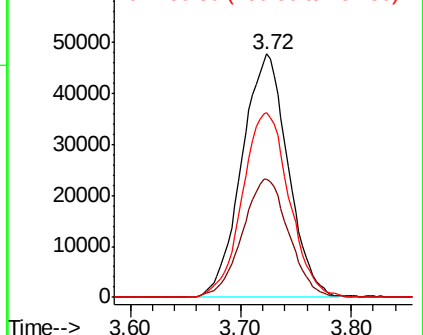
151 77.1 58.7 88.1



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: 45.674 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

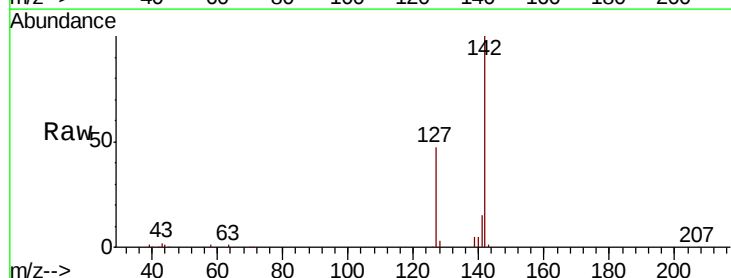
Tgt Ion:142 Resp: 158843

Ion Ratio Lower Upper

142 100

127 47.9 40.5 60.7

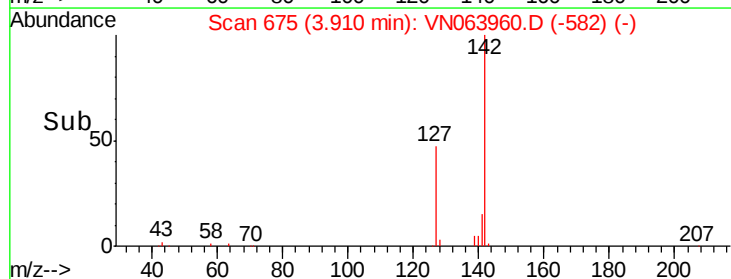
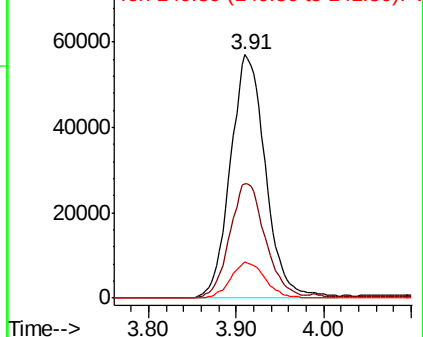
141 14.4 11.7 17.5

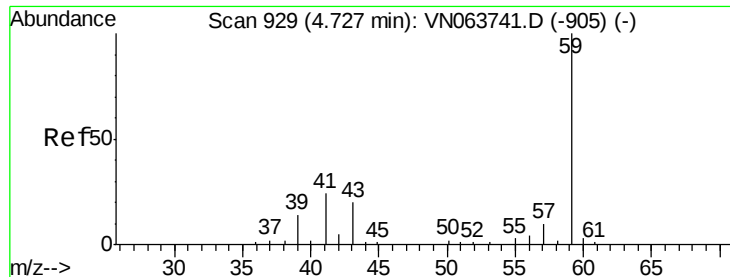


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



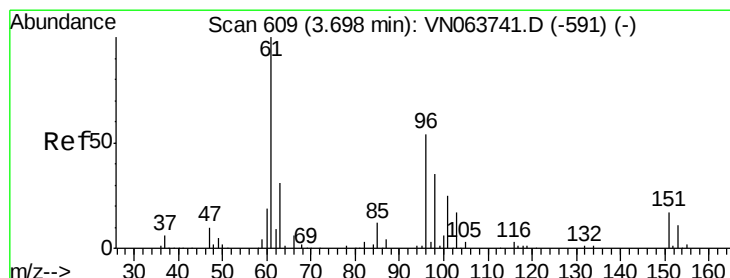
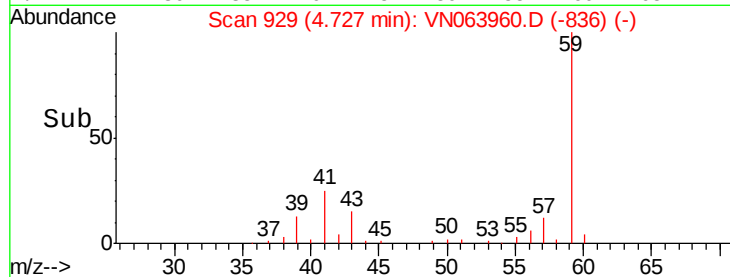
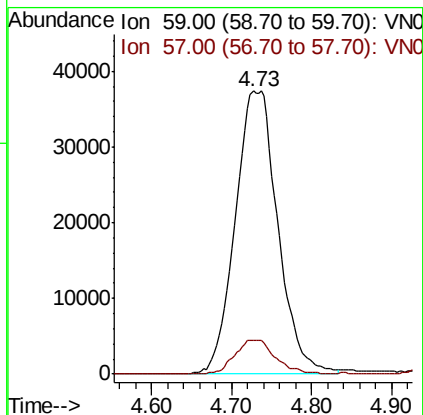
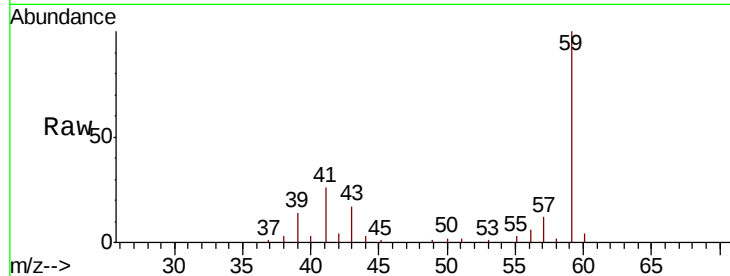


#11

Tert butyl alcohol
 Concen: 261.111 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

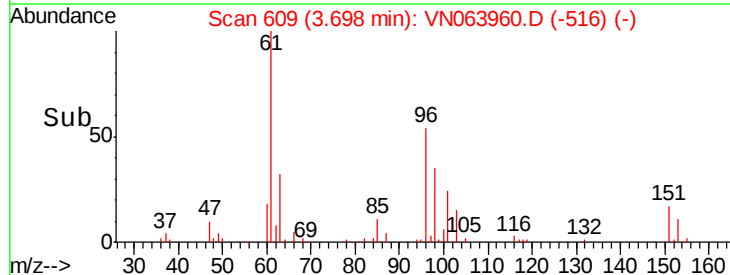
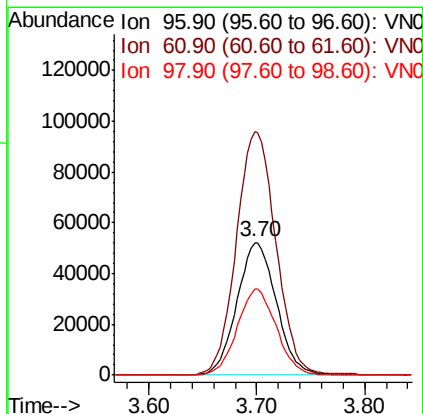
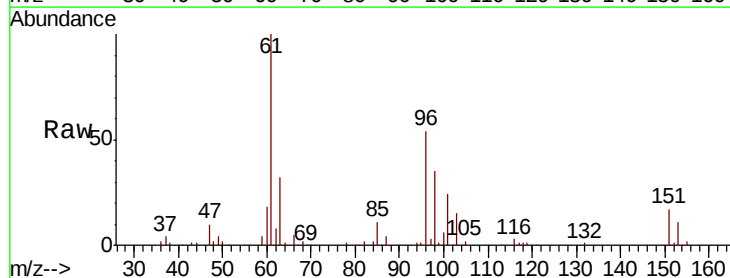
Tot Ion: 59 Resp: 135404
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.7 13.1

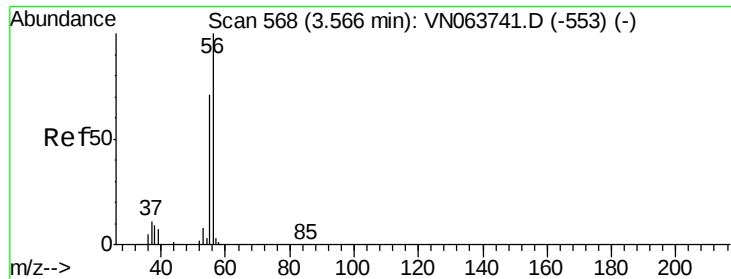


#12

1,1-Dichloroethene
 Concen: 46.320 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 96 Resp: 132614
 Ion Ratio Lower Upper
 96 100
 61 183.8 147.7 221.5
 98 64.7 51.9 77.9





#13

Acrolein

Concen: 249.905 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

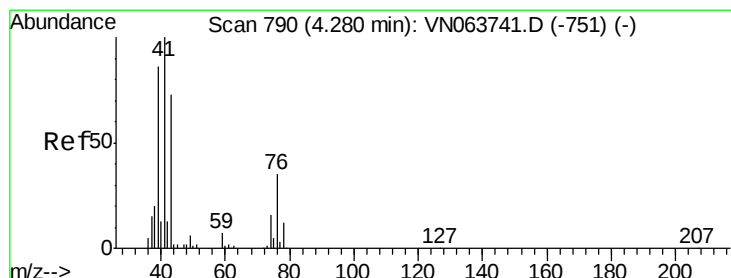
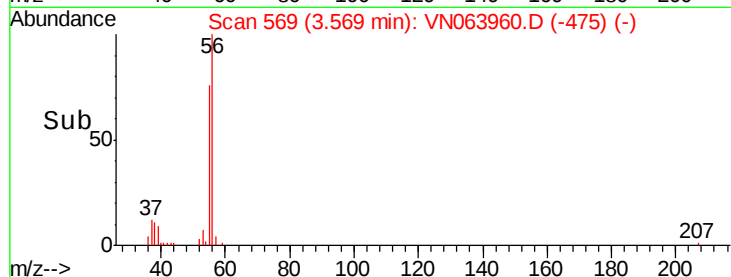
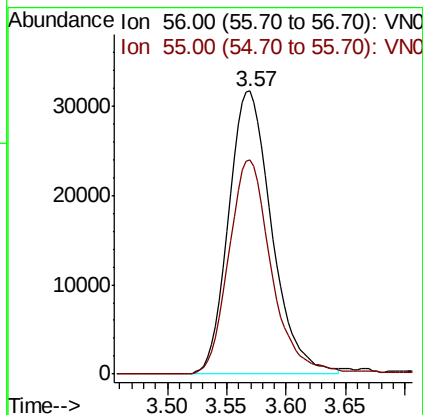
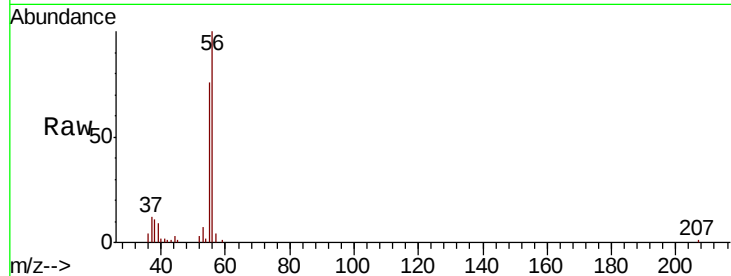
VSTDCCC050

Tot Ion: 56 Resp: 79537

Ion Ratio Lower Upper

56 100

55 75.5 56.9 85.3



#14

Allyl chloride

Concen: 50.822 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

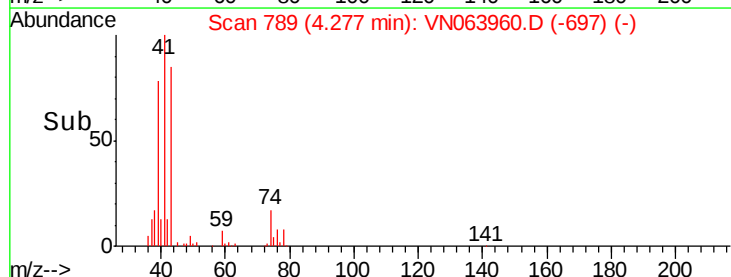
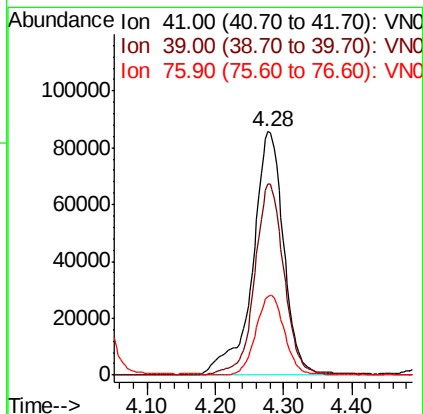
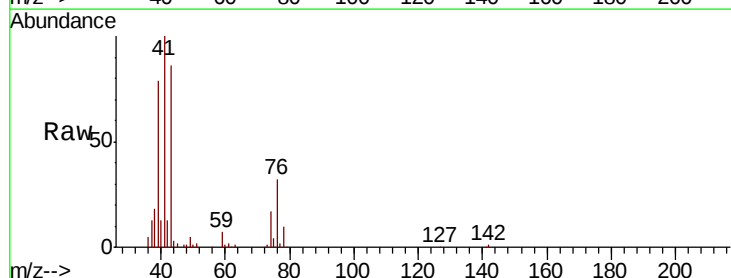
Tgt Ion: 41 Resp: 270315

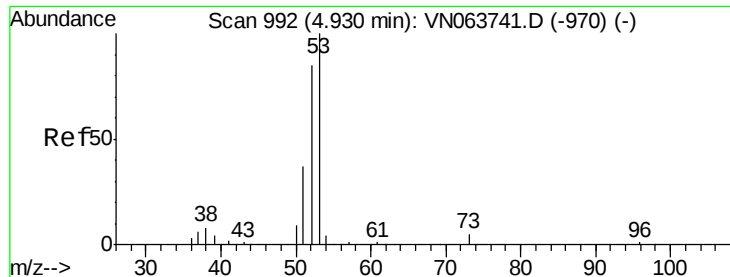
Ion Ratio Lower Upper

41 100

39 74.1 64.5 96.7

76 29.2 25.9 38.9





#15

Acrylonitrile

Concen: 266.792 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

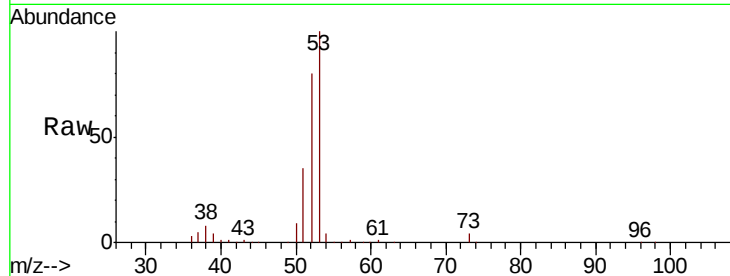
Tot Ion: 53 Resp: 396019

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

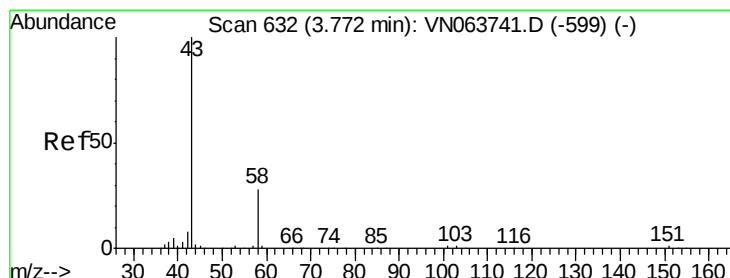
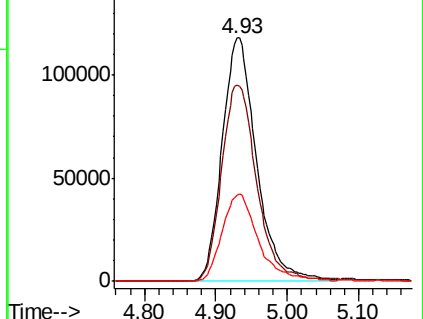
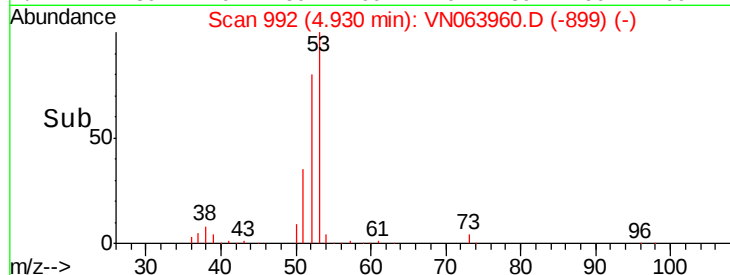
51 37.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063960.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063960.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063960.D (-899) (-)



#16

Acetone

Concen: 247.216 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063960.D

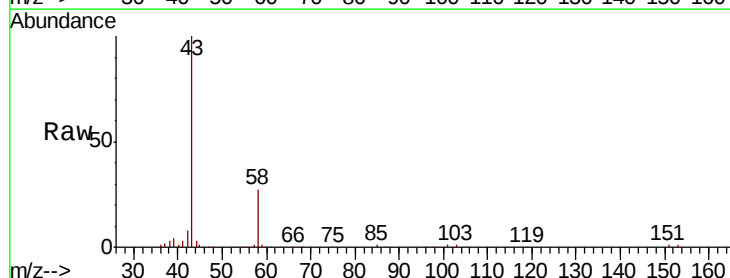
Acq: 7 Oct 2020 22:54

Tgt Ion: 43 Resp: 357451

Ion Ratio Lower Upper

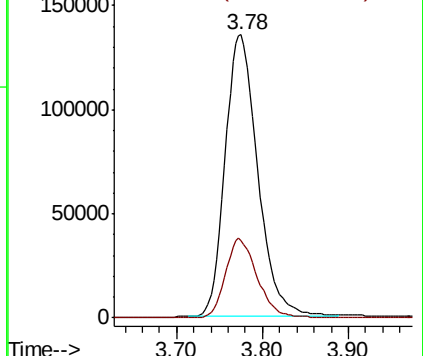
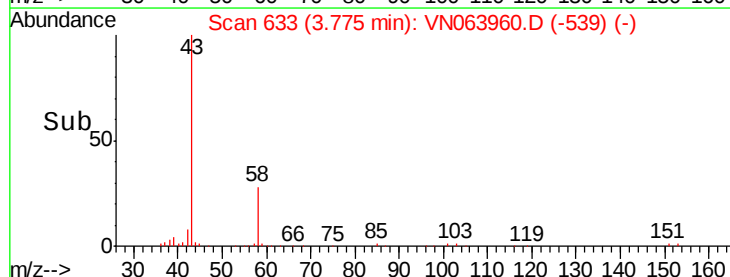
43 100

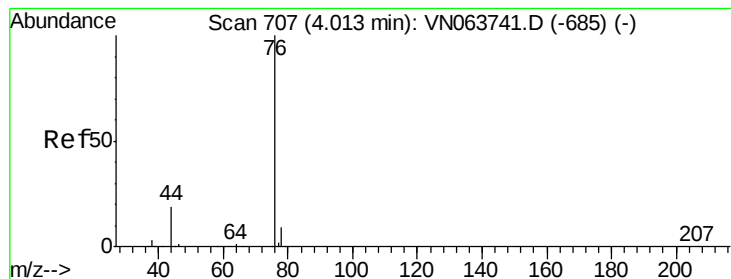
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063960.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063960.D (-539) (-)





#17

Carbon Disulfide

Concen: 45.361 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

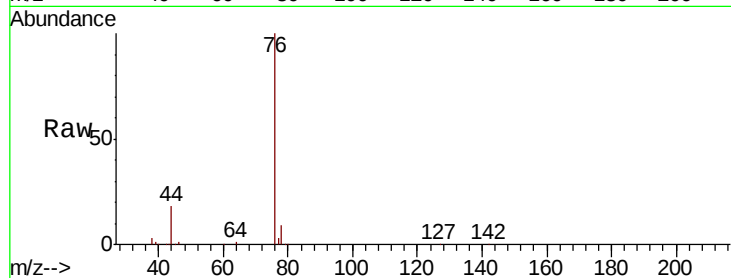
VSTDCCC050

Tot Ion: 76 Resp: 350500

Ion Ratio Lower Upper

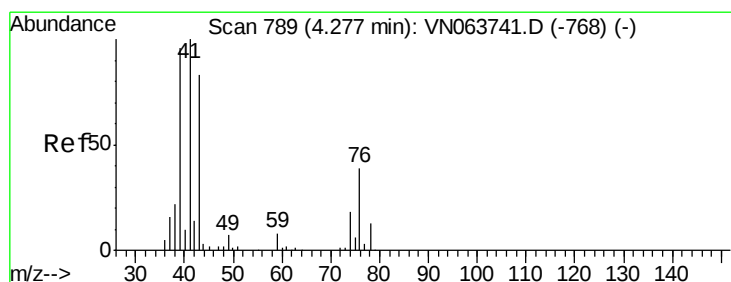
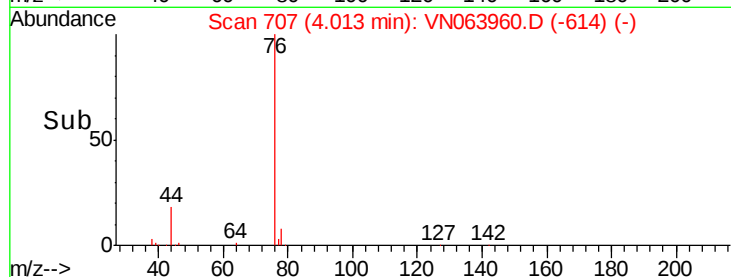
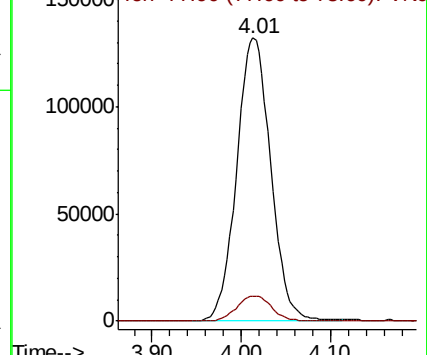
76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063960.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063960.D (-614) (-)



#18

Methyl Acetate

Concen: 54.957 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063960.D

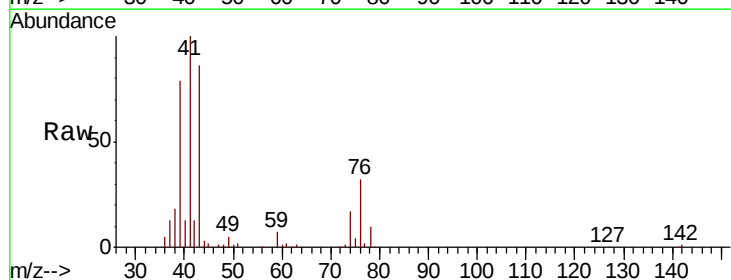
Acq: 7 Oct 2020 22:54

Tgt Ion: 43 Resp: 206316

Ion Ratio Lower Upper

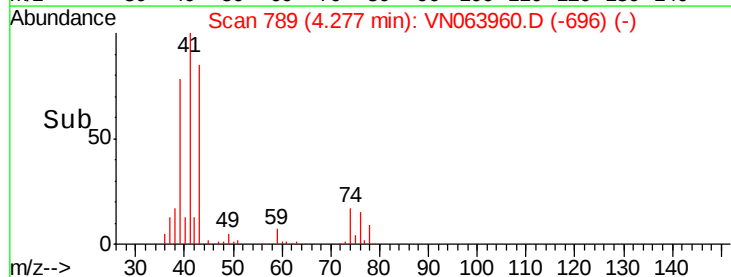
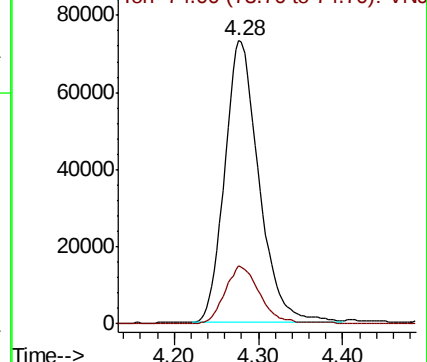
43 100

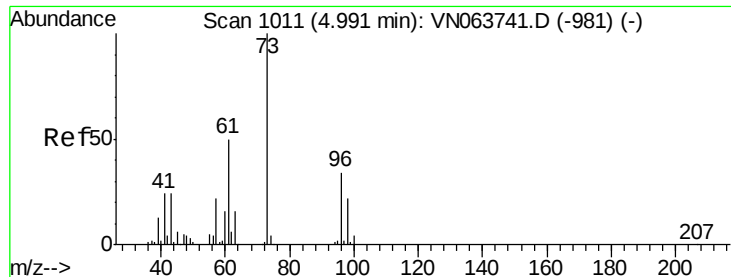
74 21.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063960.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063960.D (-696) (-)

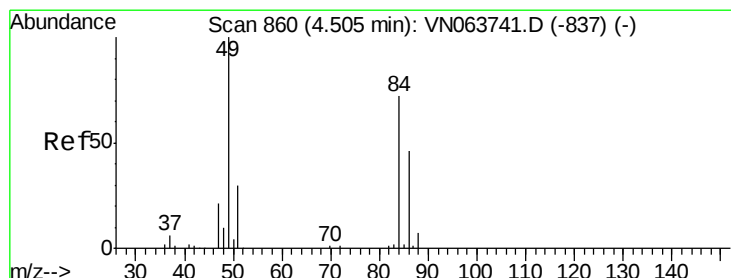
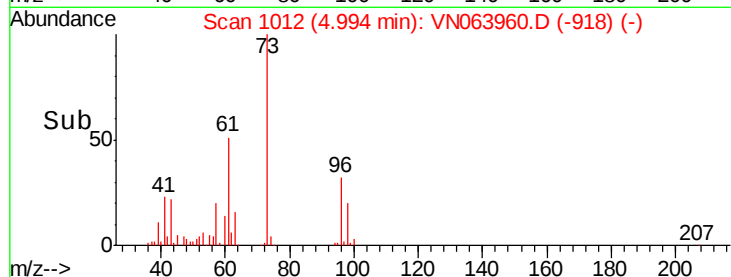
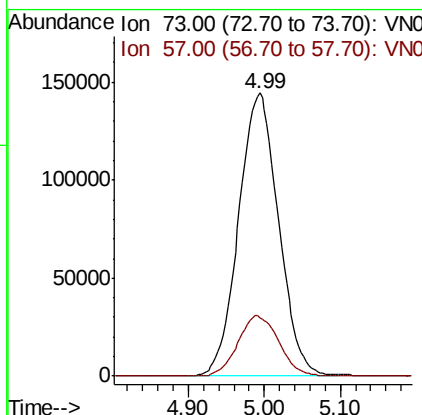
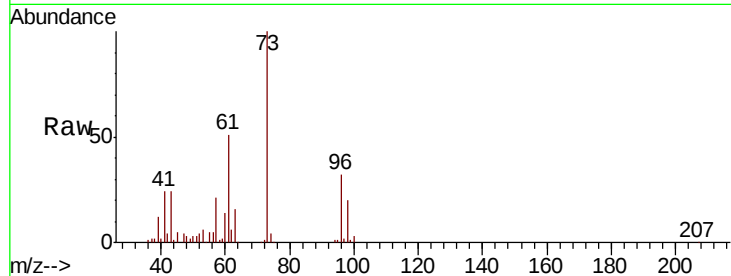




#19
Methyl tert-butyl Ether
Concen: 50.689 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

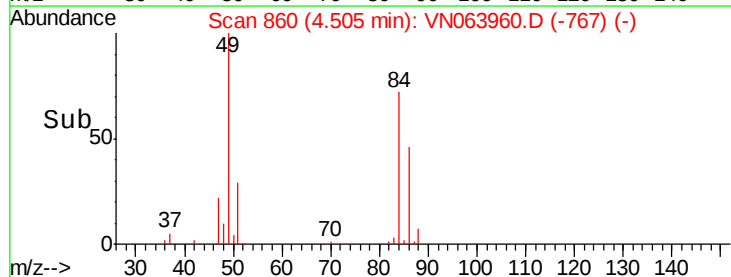
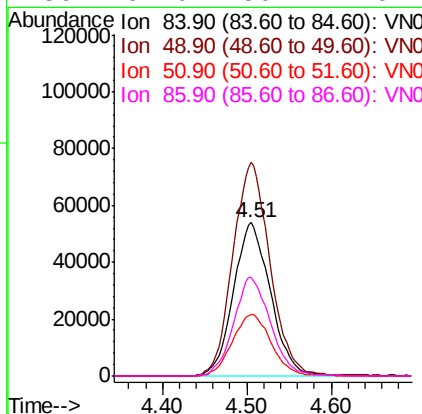
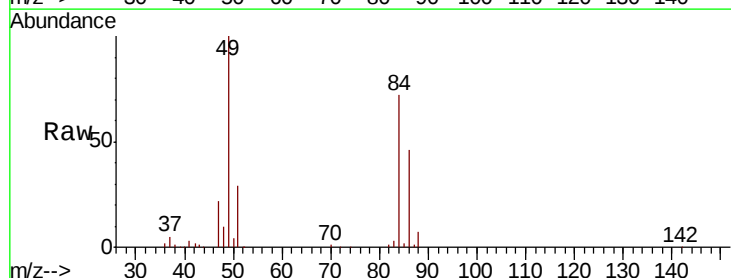
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

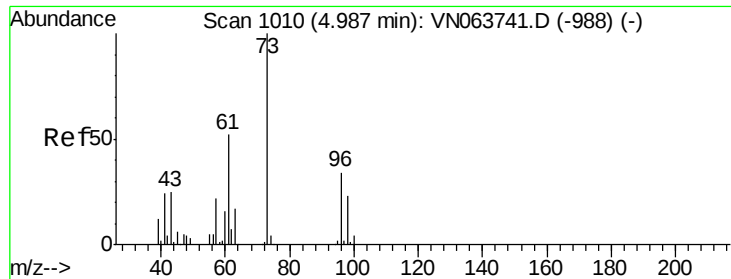
Tot Ion: 73 Resp: 527235
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 49.725 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 84 Resp: 164679
Ion Ratio Lower Upper
84 100
49 139.2 110.4 165.6
51 39.8 33.3 49.9
86 64.0 50.7 76.1

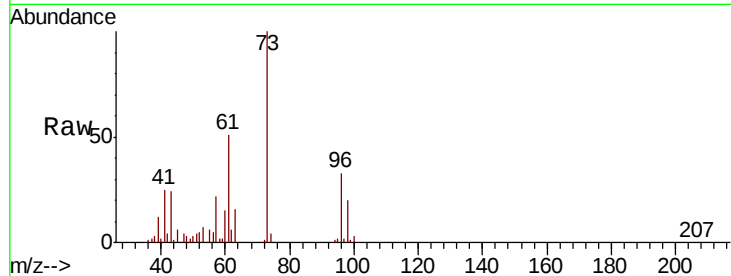




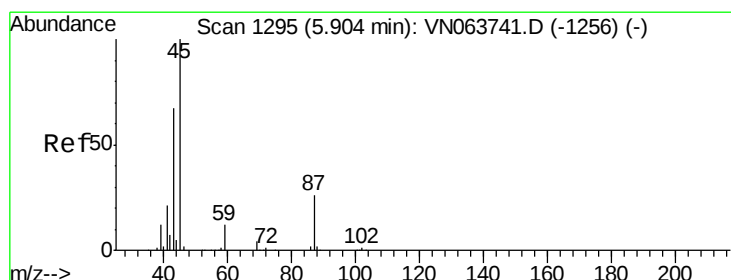
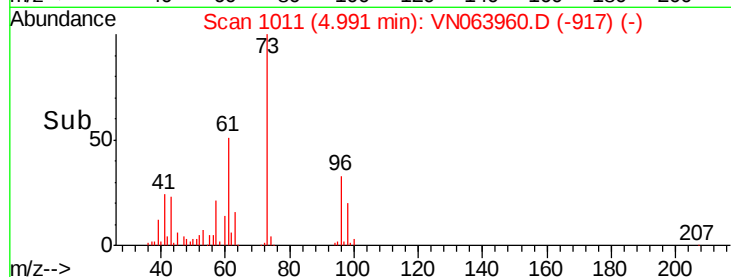
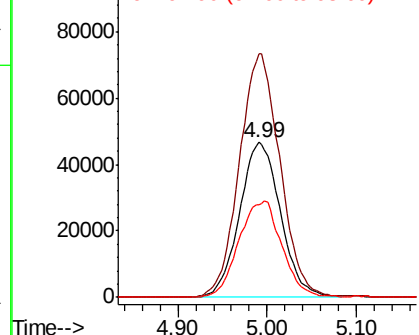
#21
trans-1,2-Dichloroethene
Concen: 46.298 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 148468
Ion Ratio Lower Upper
96 100
61 157.0 120.2 180.2
98 59.6 52.6 79.0

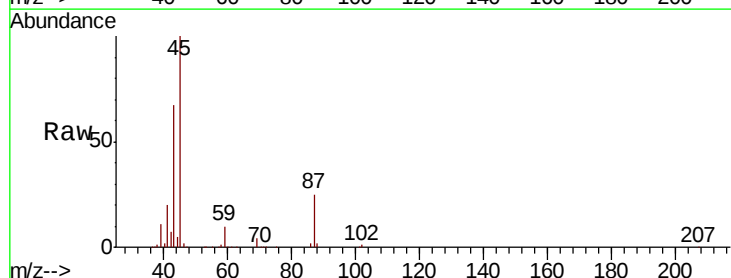


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

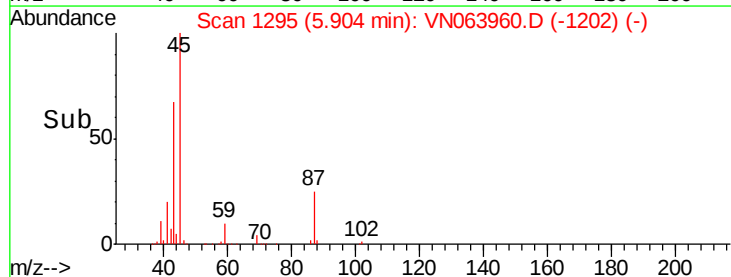
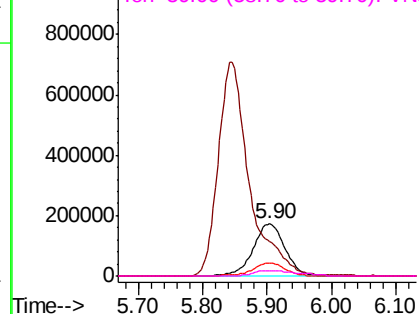


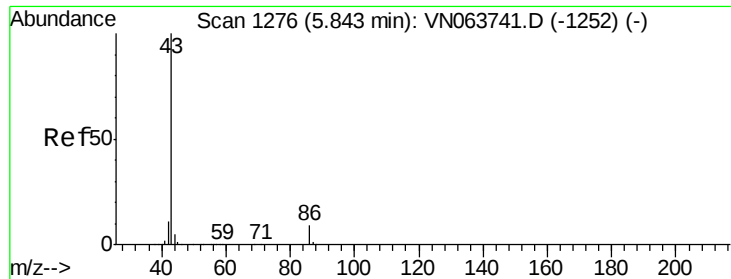
#22
Diisopropyl ether
Concen: 54.192 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 45 Resp: 593037
Ion Ratio Lower Upper
45 100
43 65.5 53.7 80.5
87 24.7 21.1 31.7
59 10.2 9.2 13.8



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





#23

Vinyl Acetate

Concen: 264.452 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

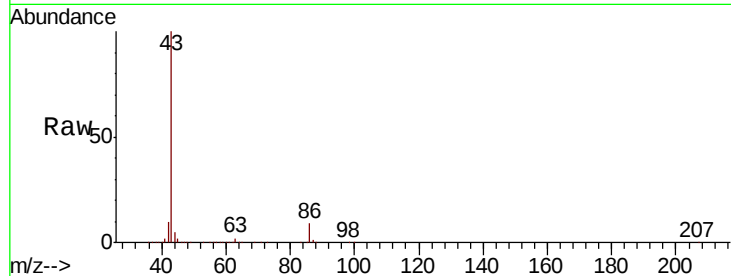
VSTDCCC050

Tot Ion: 43 Resp: 2397235

Ion Ratio Lower Upper

43 100

86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

800000

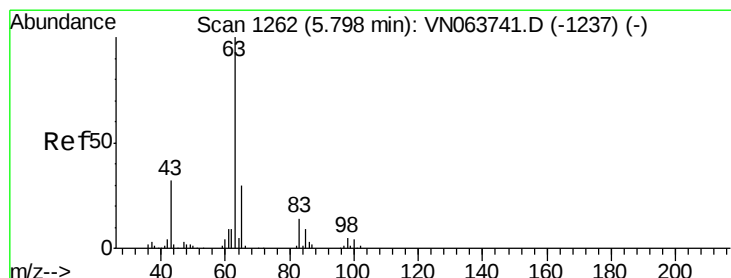
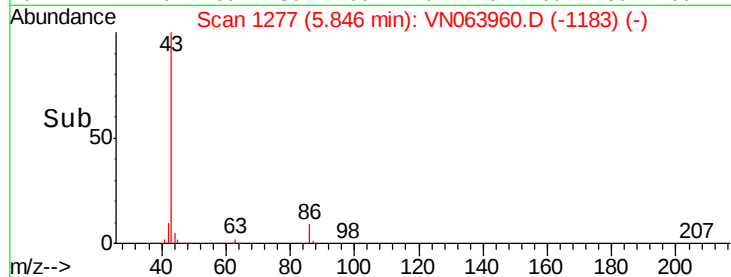
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.384 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

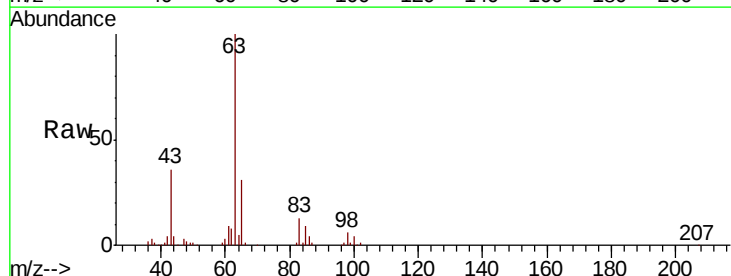
Tgt Ion: 63 Resp: 308996

Ion Ratio Lower Upper

63 100

98 5.7 2.7 8.1

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

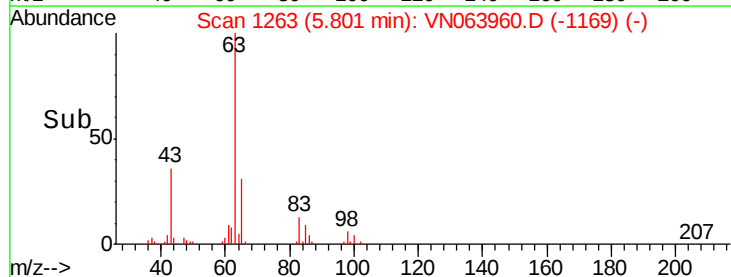
60000

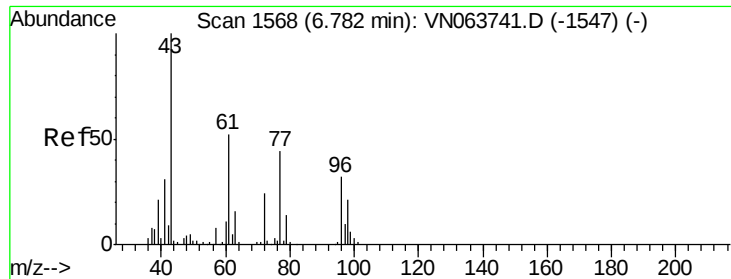
40000

20000

0

Time-->

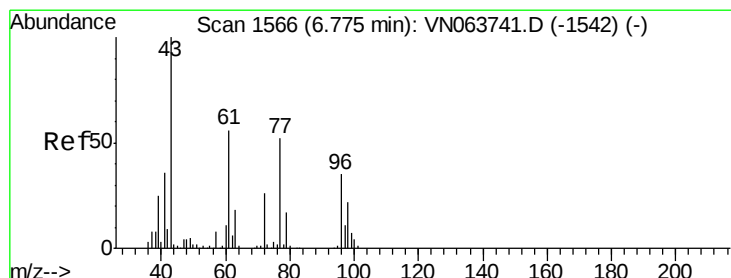
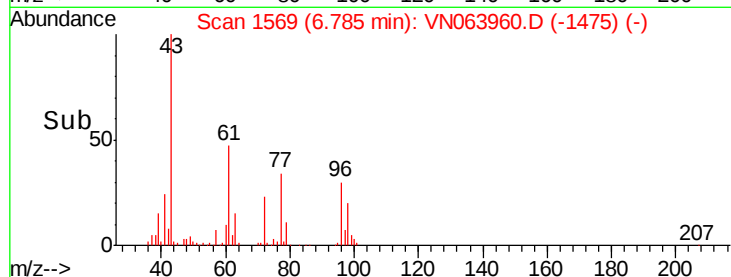
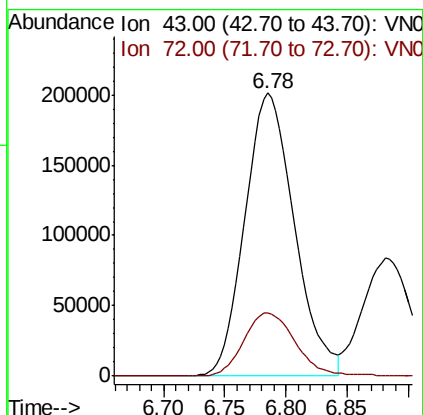
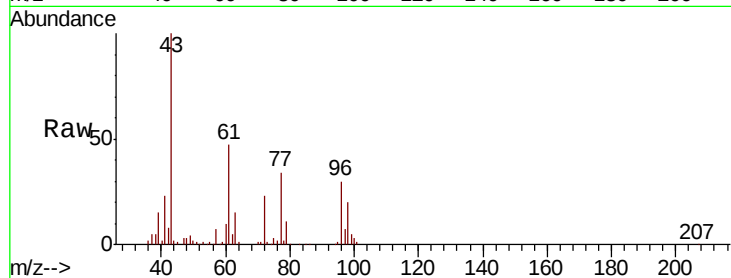




#25
2-Butanone
Concen: 275.407 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

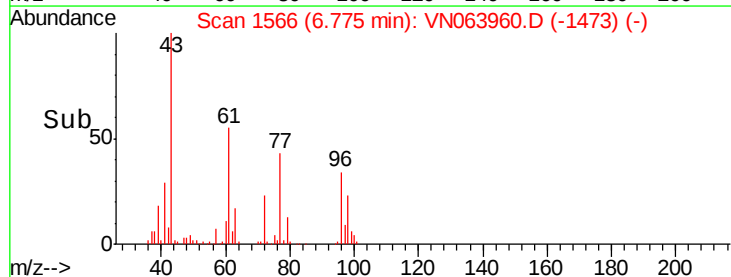
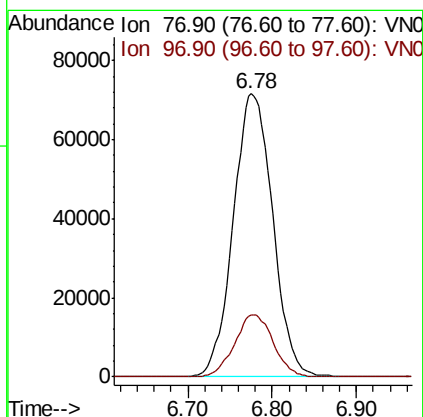
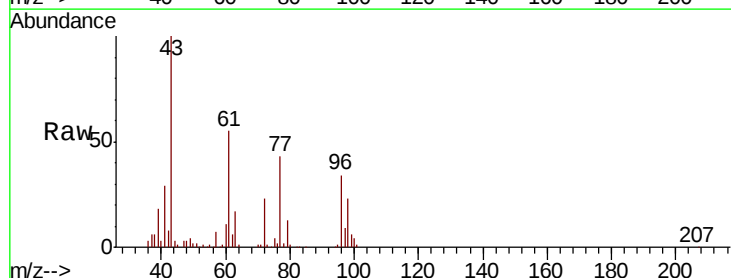
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

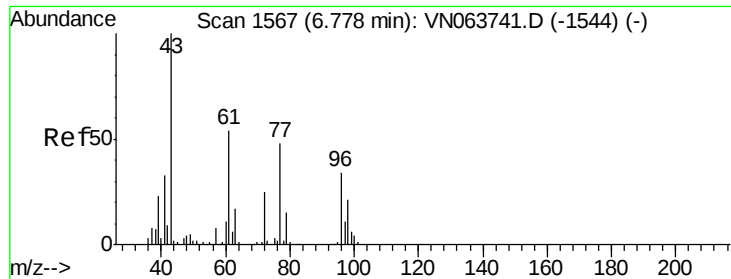
Tot Ion: 43 Resp: 564566
Ion Ratio Lower Upper
43 100
72 22.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 40.630 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 77 Resp: 232812
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.001 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

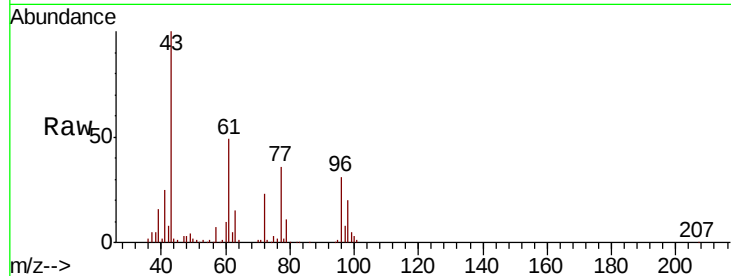
Tot Ion: 96 Resp: 177034

Ion Ratio Lower Upper

96 100

61 161.4 0.0 321.2

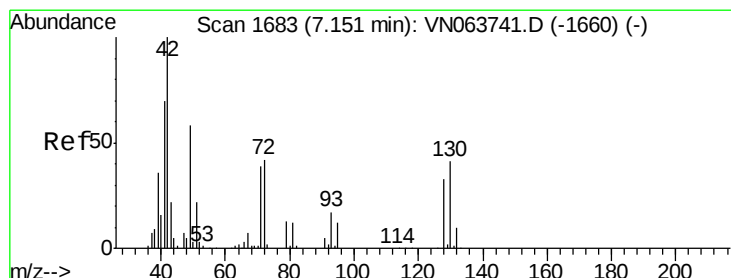
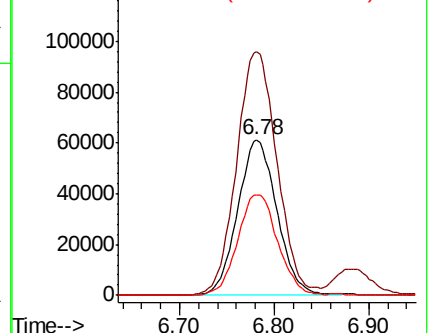
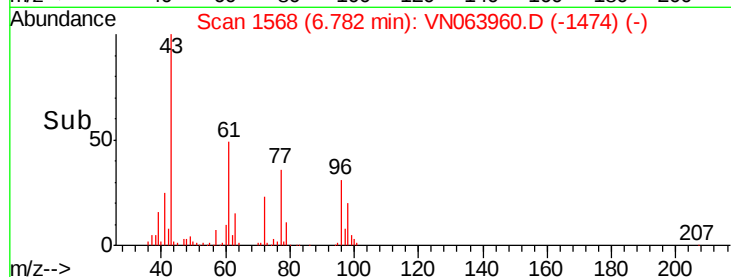
98 65.9 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063960.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN063960.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN063960.D (-1474) (-)



#28

Bromochloromethane

Concen: 51.561 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

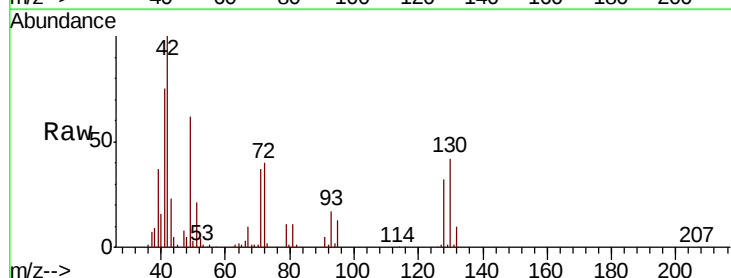
Tgt Ion: 49 Resp: 159453

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

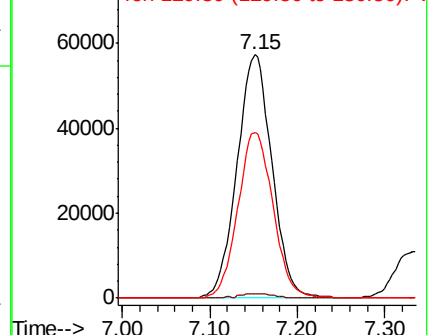
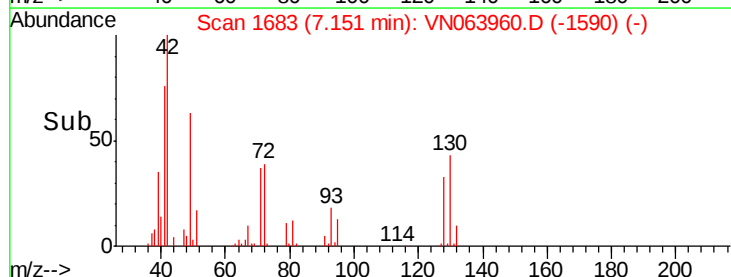
130 68.6 55.6 83.4

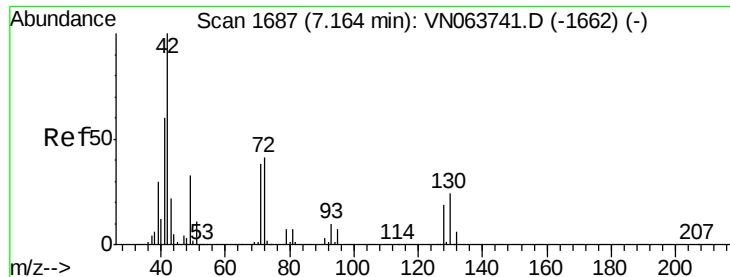


Abundance Ion 48.90 (48.60 to 49.60): VN063960.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063960.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063960.D (-1590) (-)

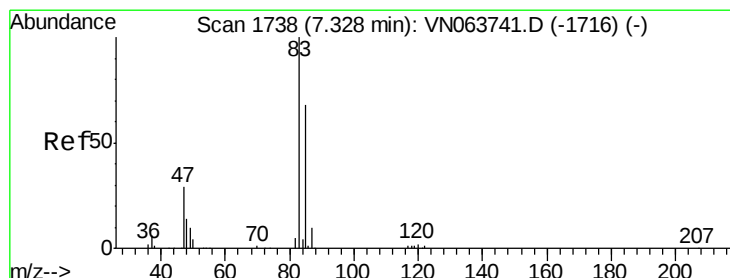
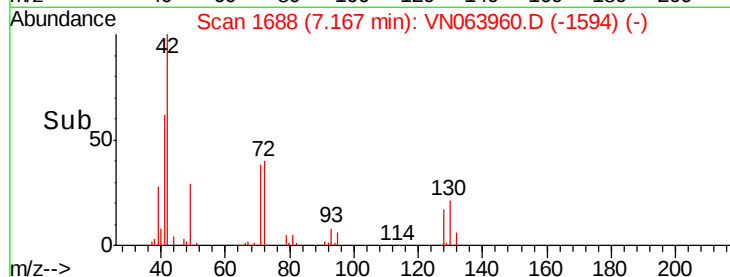
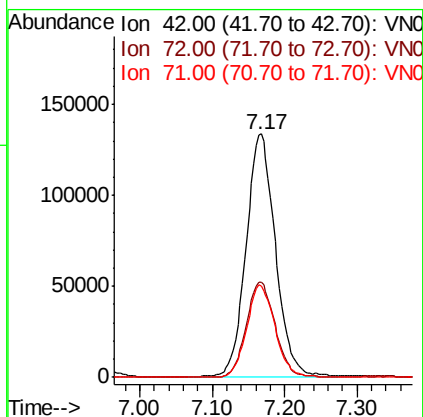
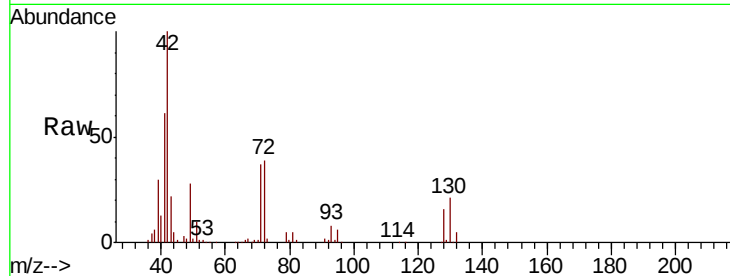




#29
Tetrahydrofuran
Concen: 273.923 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

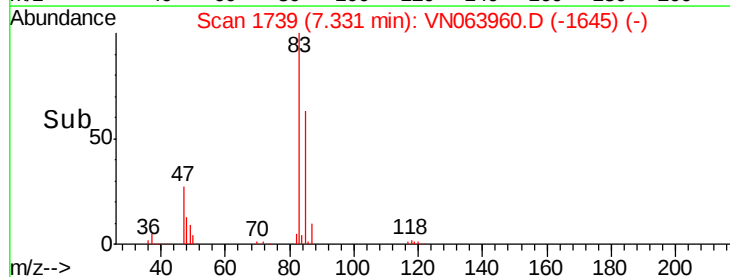
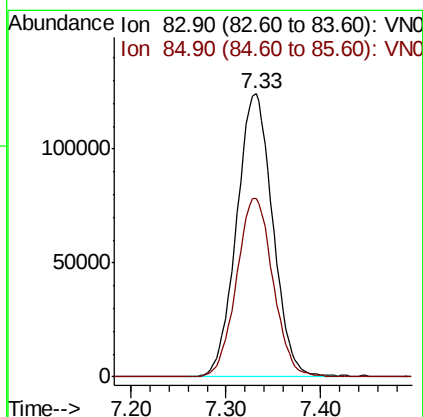
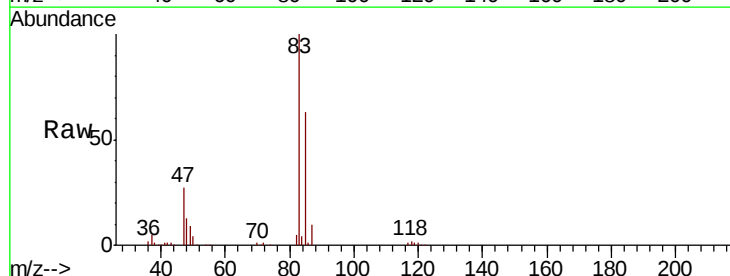
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

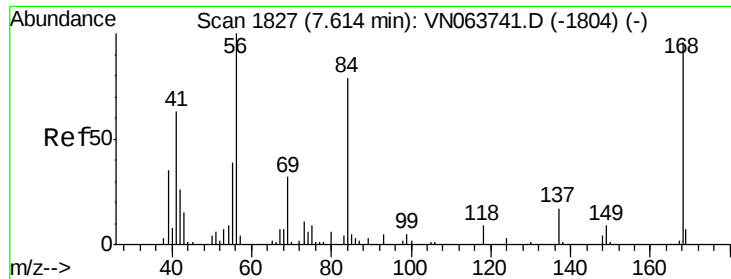
Tot Ion: 42 Resp: 376610
Ion Ratio Lower Upper
42 100
72 38.7 32.8 49.2
71 36.7 30.6 45.8



#30
Chloroform
Concen: 50.554 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 83 Resp: 329815
Ion Ratio Lower Upper
83 100
85 62.9 54.6 82.0

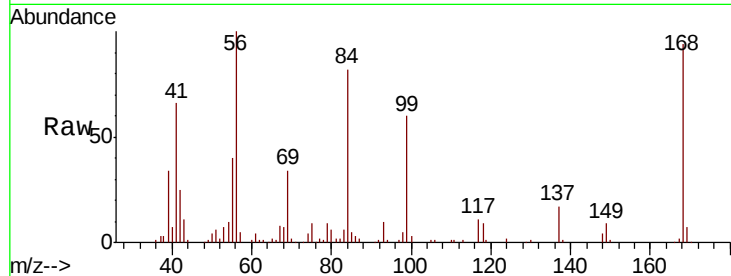




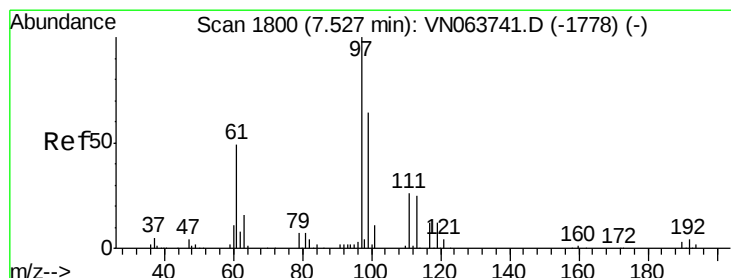
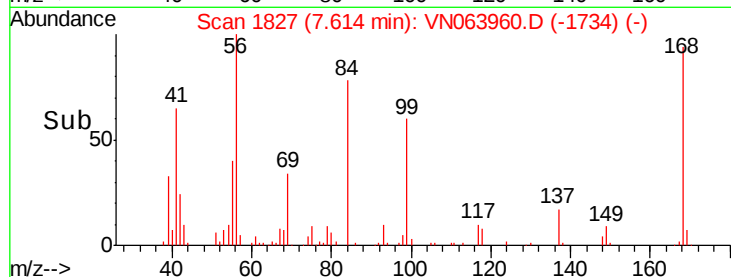
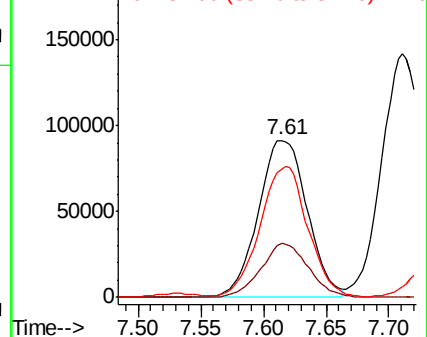
#31
Cyclohexane
Concen: 45.612 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 248724
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.2
84 80.0 63.3 94.9

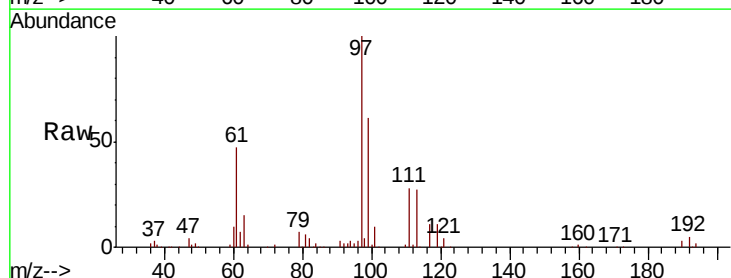


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

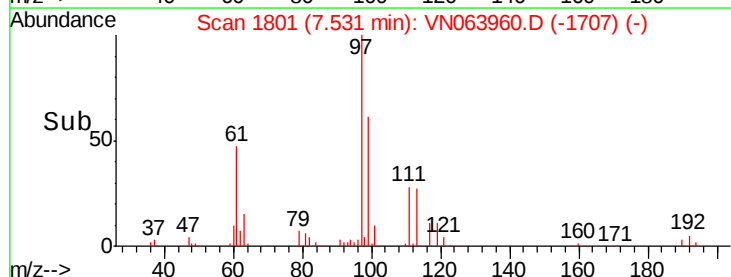
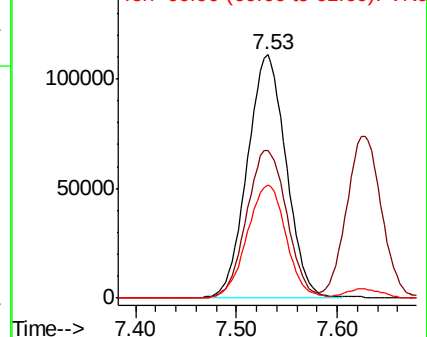


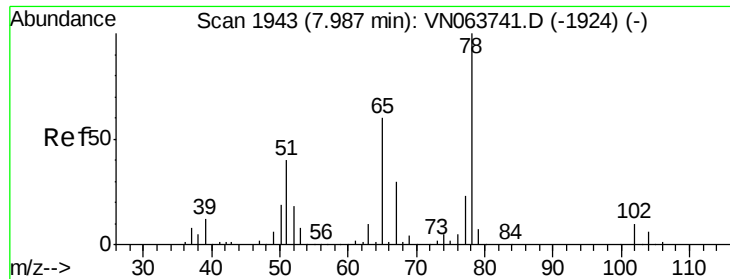
#32
1,1,1-Trichloroethane
Concen: 50.338 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 97 Resp: 296218
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.6
61 46.8 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

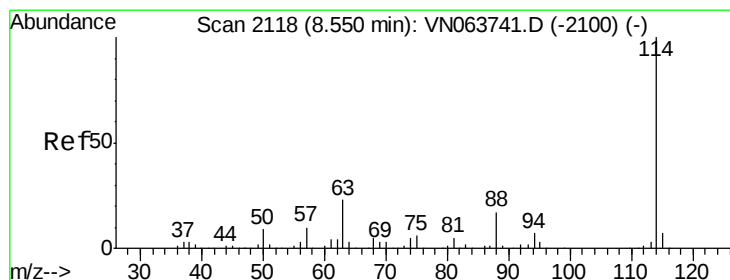
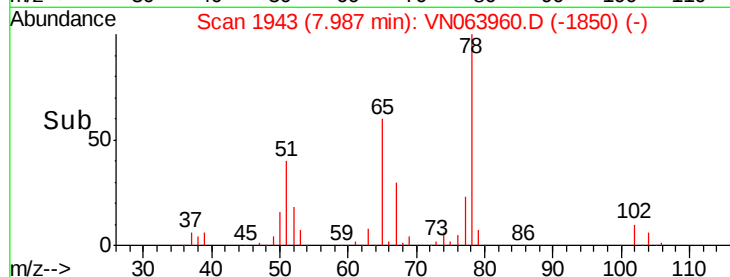
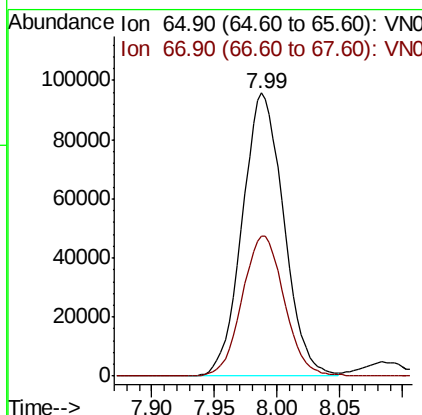
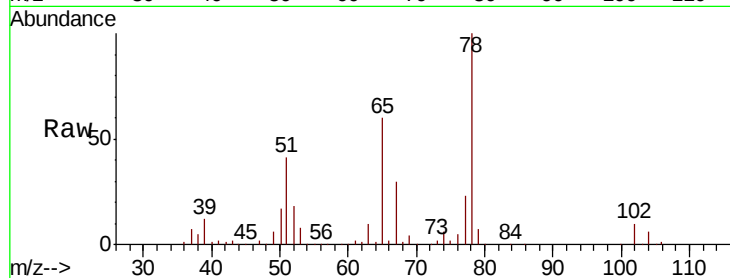




#33
 1,2-Dichloroethane-d4
 Concen: 46.986 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

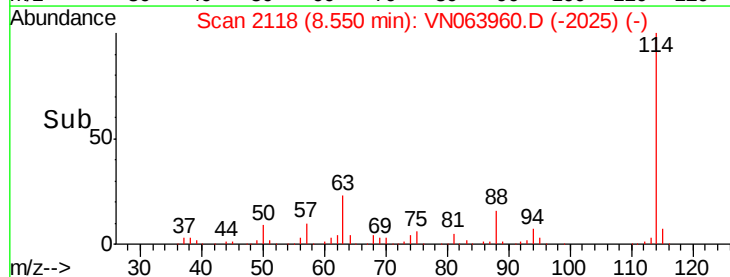
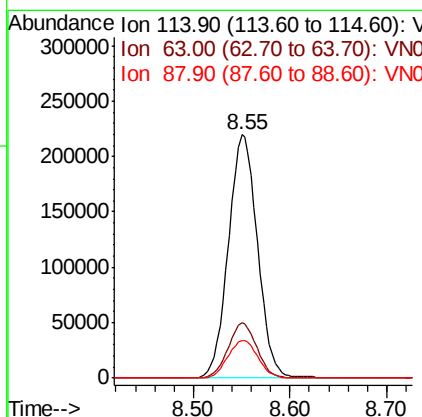
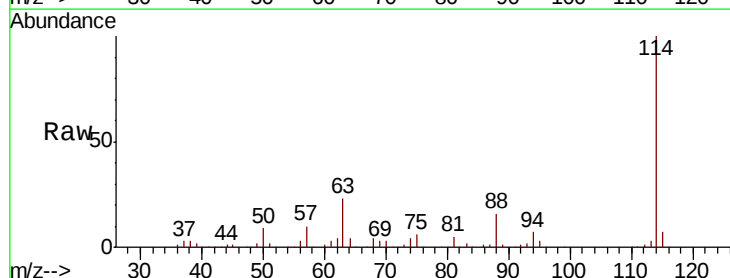
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

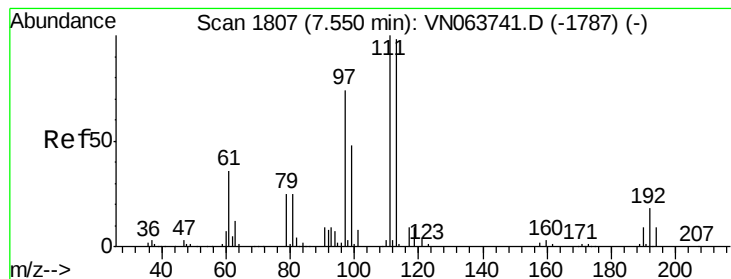
Tot Ion: 65 Resp: 220695
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 114 Resp: 459021
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 15.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.523 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

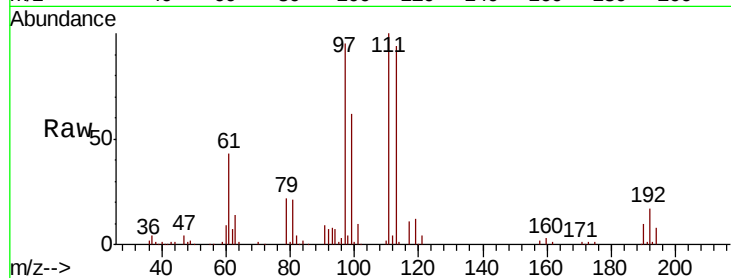
Tot Ion:113 Resp: 151361

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.8

192 19.2 14.2 21.2

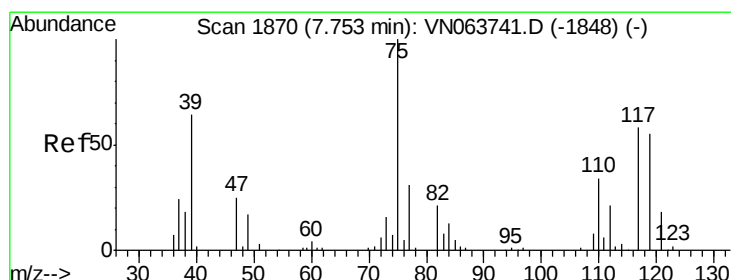
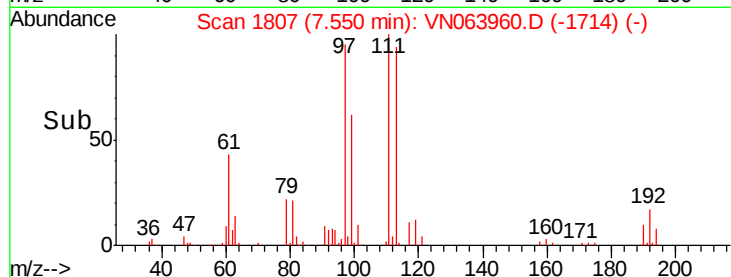
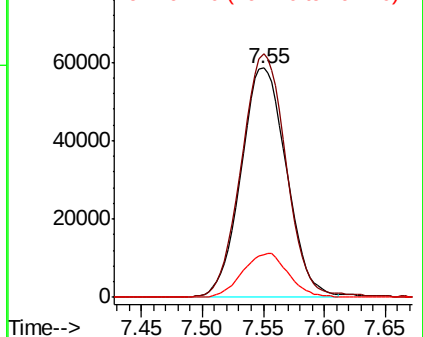


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.217 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

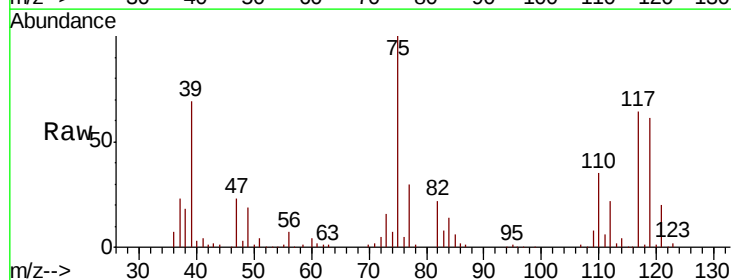
Tgt Ion: 75 Resp: 228875

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

77 30.8 24.5 36.7

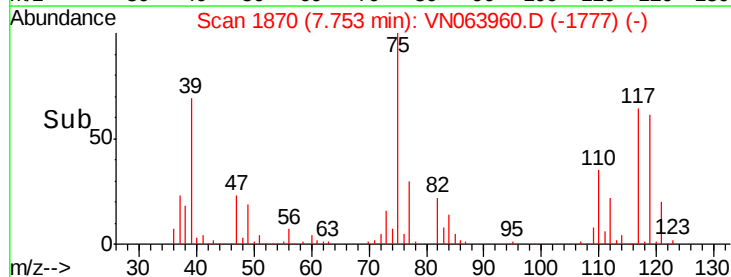
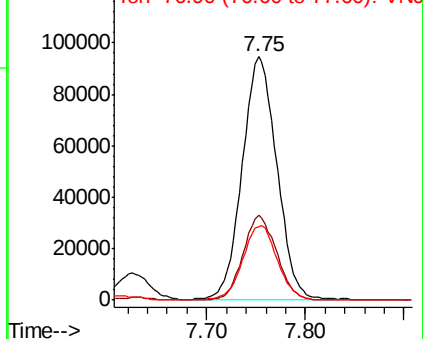


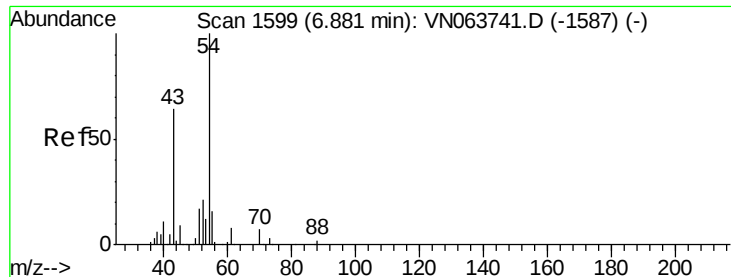
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

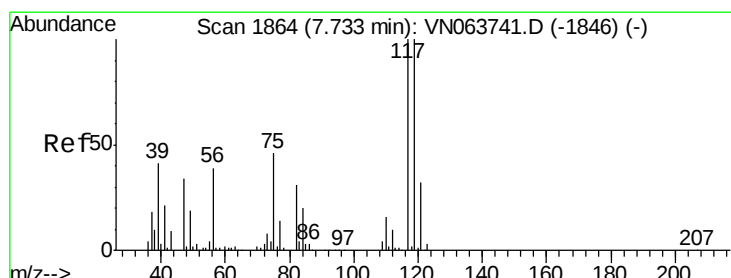
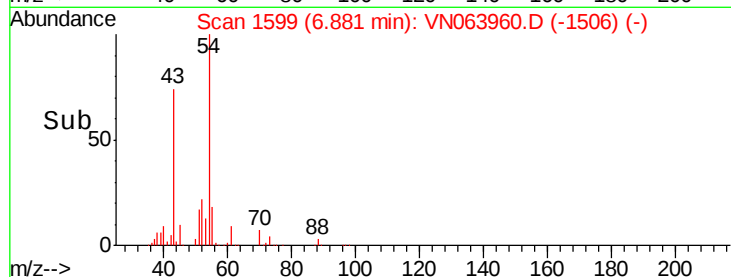
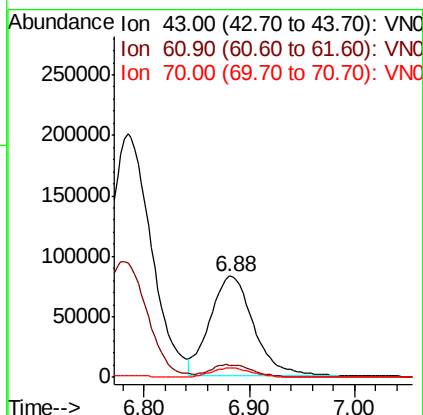
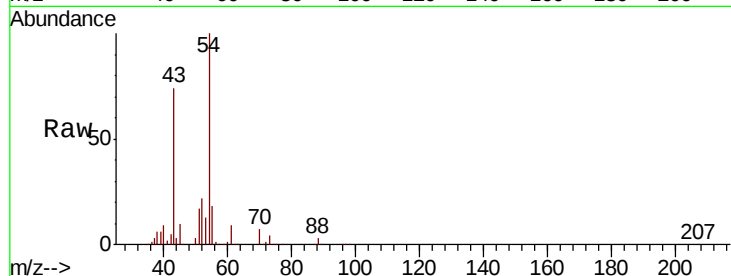




#37
Ethyl Acetate
Concen: 51.267 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

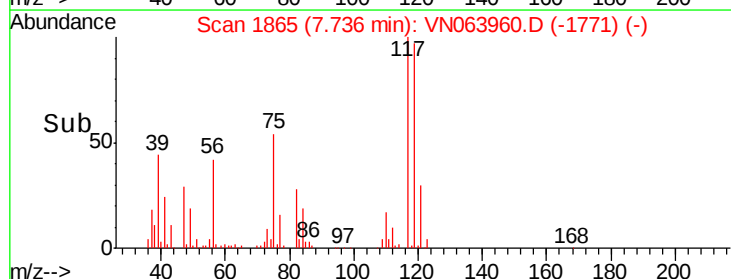
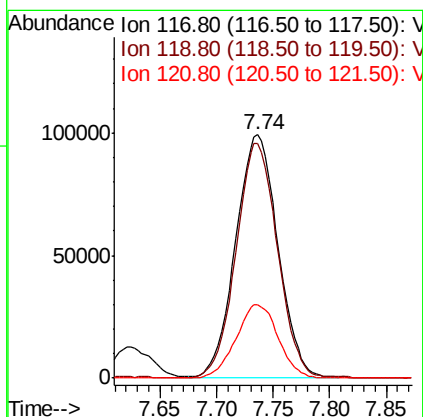
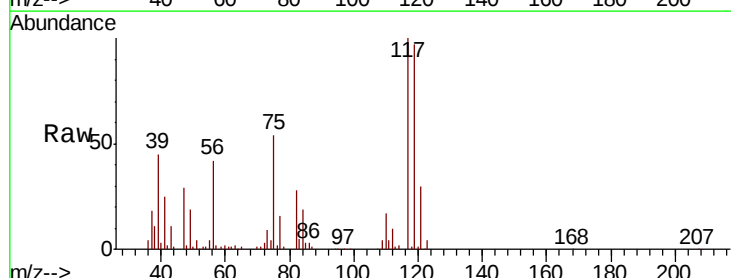
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

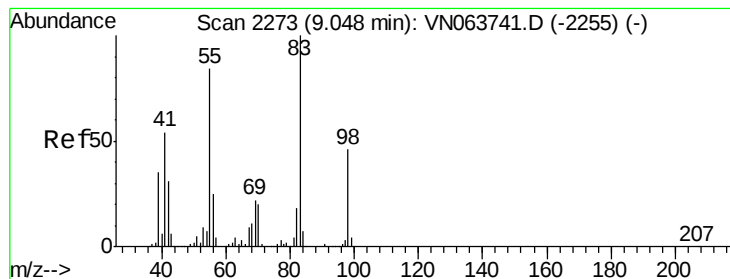
Tot Ion: 43 Resp: 236864
Ion Ratio Lower Upper
43 100
61 11.5 10.4 15.6
70 8.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 49.136 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 117 Resp: 256226
Ion Ratio Lower Upper
117 100
119 96.7 80.1 120.1
121 30.2 25.7 38.5

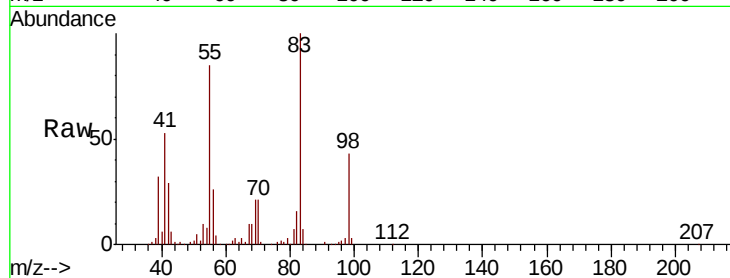




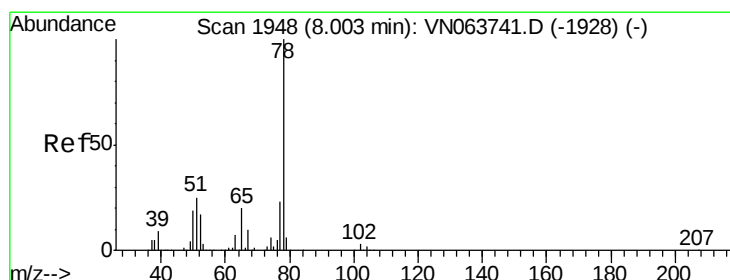
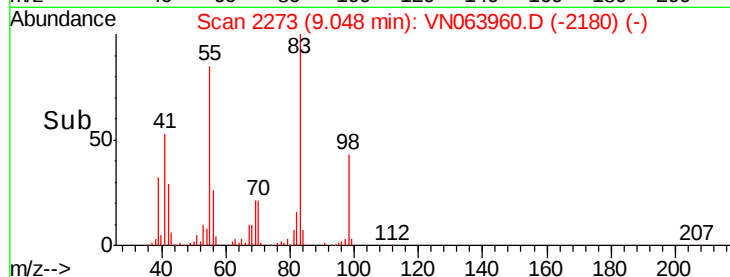
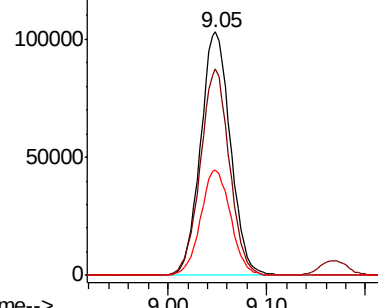
#39
Methvlcvclohexane
Concen: 47.055 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 218218
Ion Ratio Lower Upper
83 100
55 84.6 67.1 100.7
98 43.5 36.6 54.8

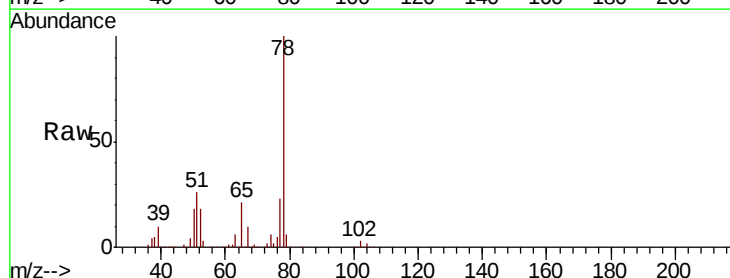


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

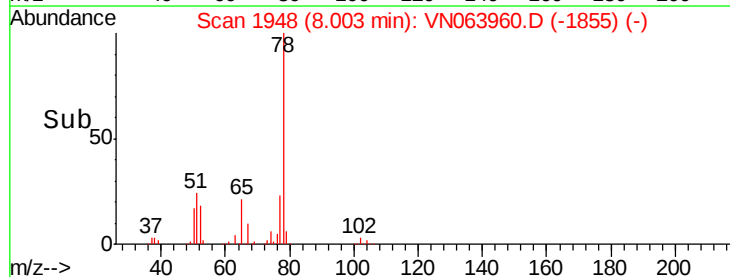
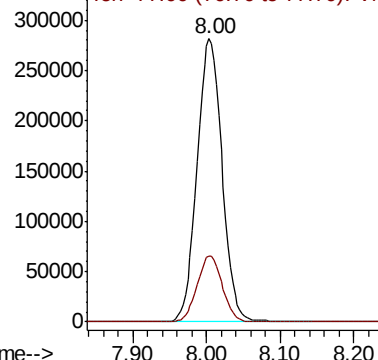


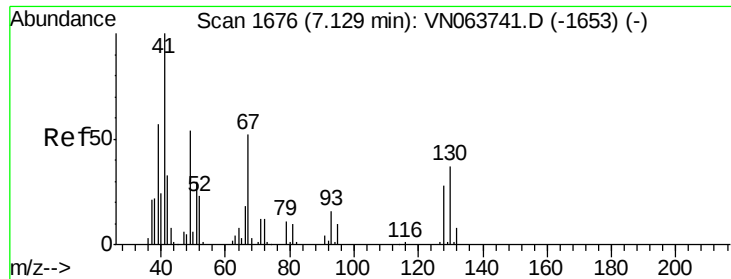
#40
Benzene
Concen: 49.990 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 78 Resp: 663986
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

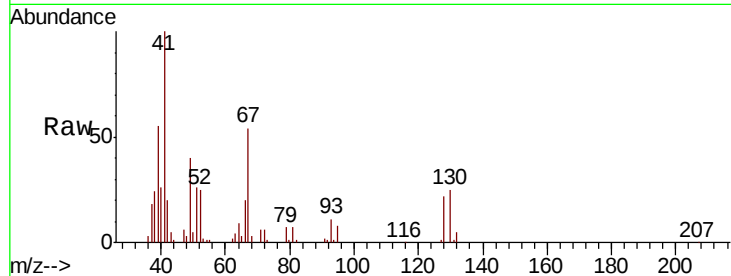




#41
Methacrylonitrile
Concen: 51.737 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	106236
Ion	Ratio	Lower	Upper
41	100		
39	50.9	42.5	63.7
67	80.4	57.4	86.2
52	37.1	26.9	40.3



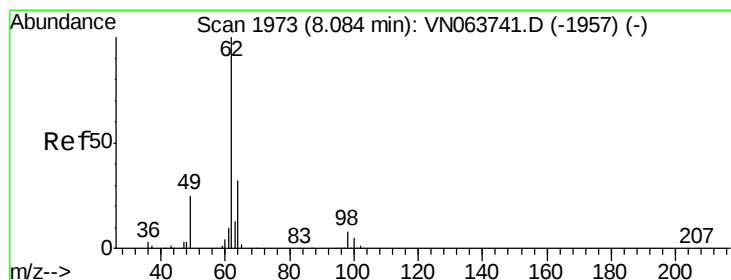
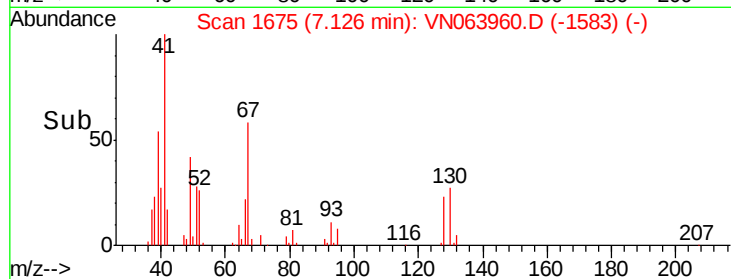
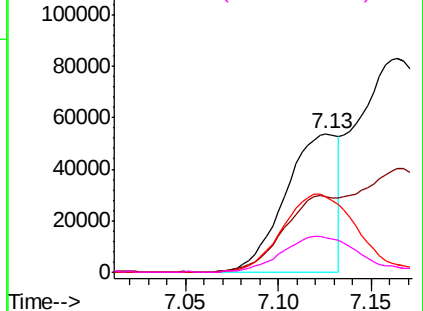
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

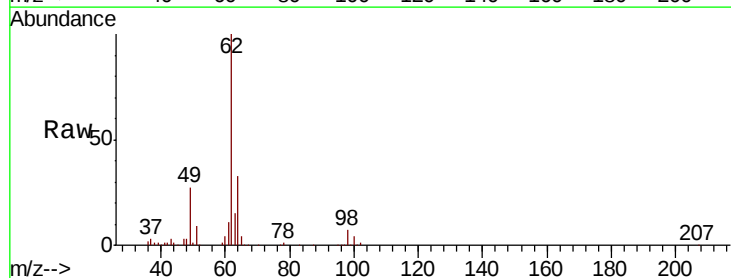
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 49.829 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

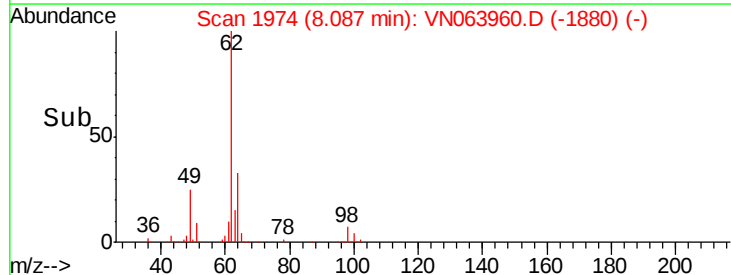
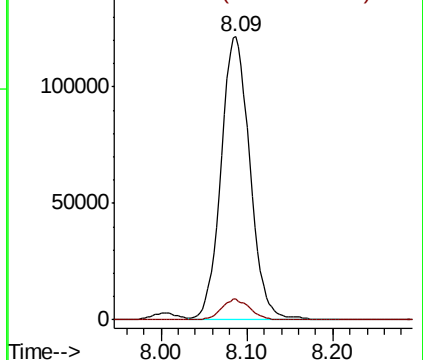
Tgt Ion:	62	Resp:	282524
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.0

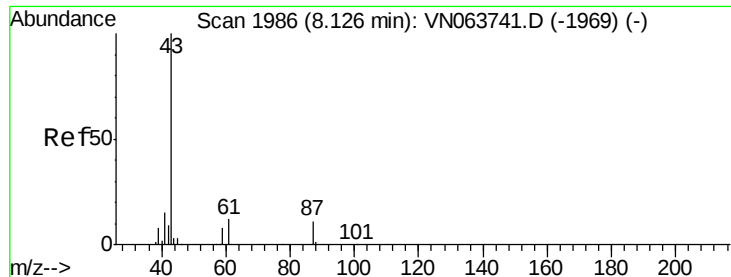


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 53.624 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

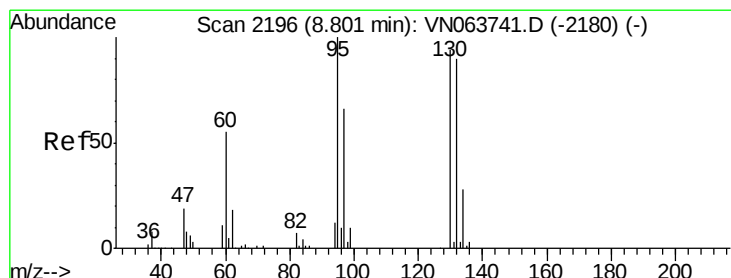
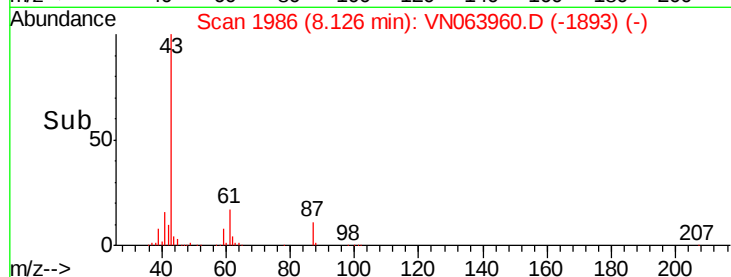
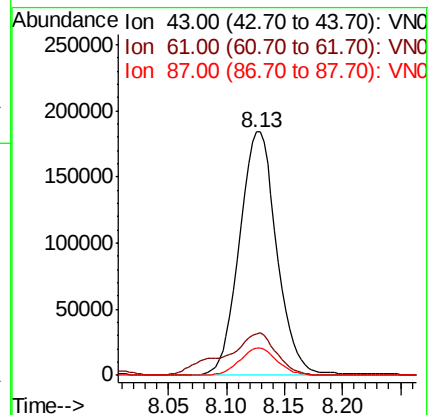
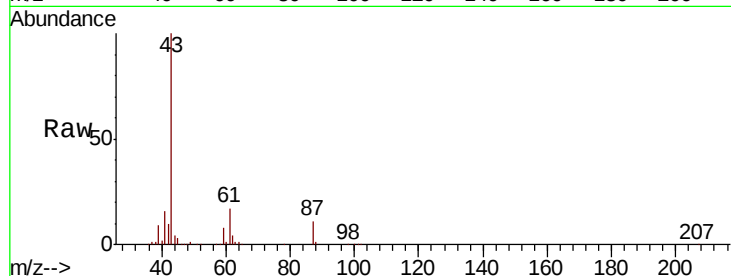
Tot Ion: 43 Resp: 408658

Ion Ratio Lower Upper

43 100

61 24.0 14.2 21.4#

87 11.2 9.0 13.6



#44

Trichloroethene

Concen: 48.011 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063960.D

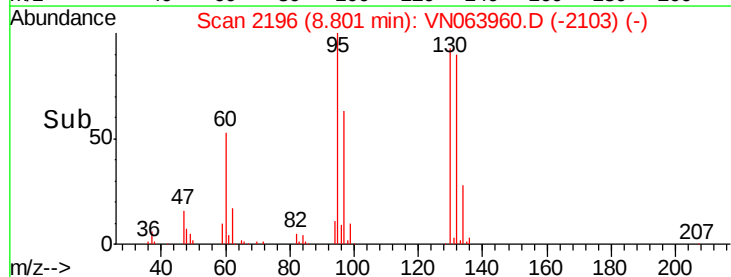
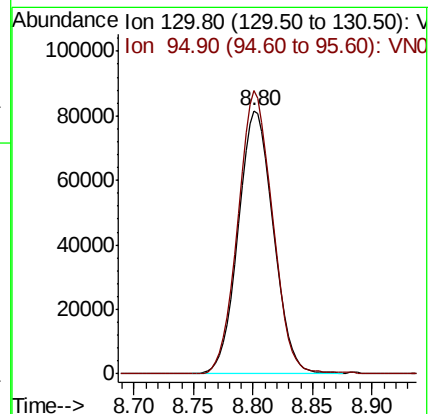
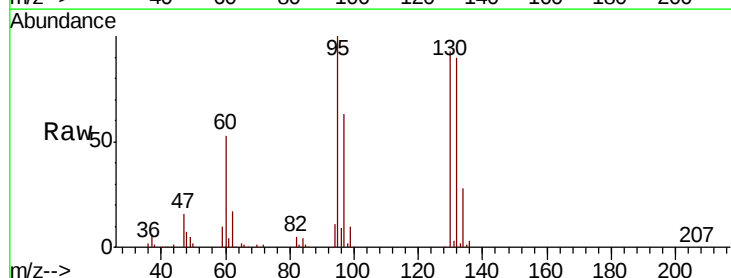
Acq: 7 Oct 2020 22:54

Tgt Ion: 130 Resp: 167089

Ion Ratio Lower Upper

130 100

95 107.5 0.0 213.6

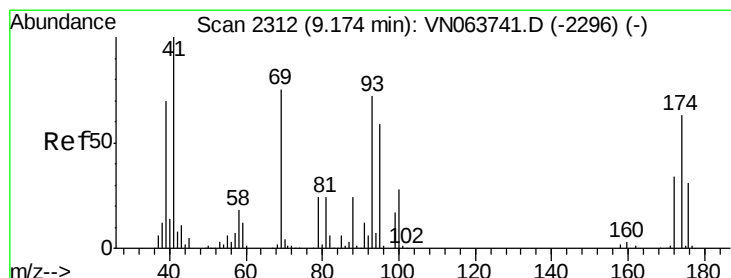
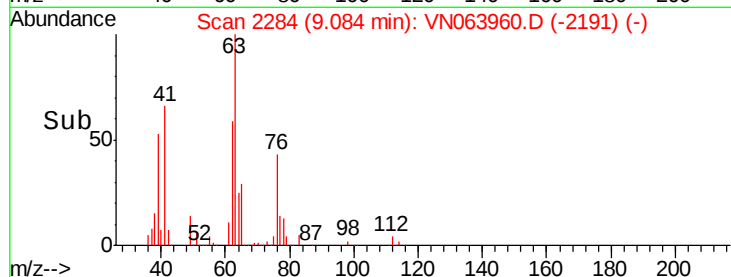
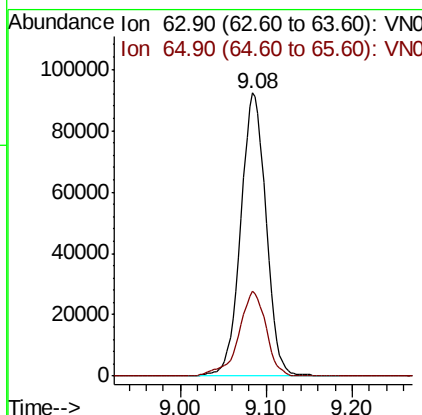
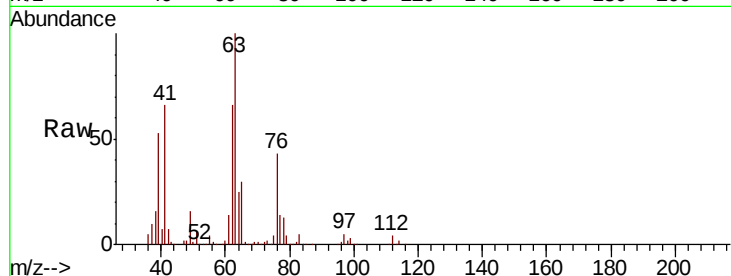




#45
 1,2-Dichloropropane
 Concen: 52.692 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

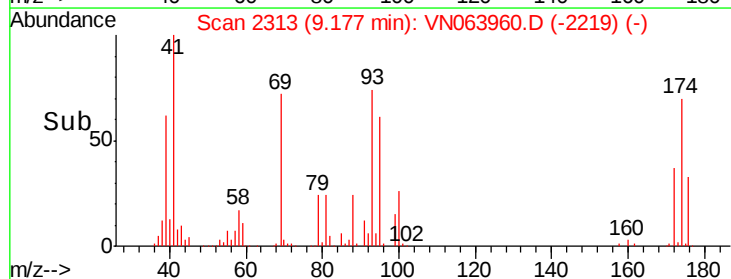
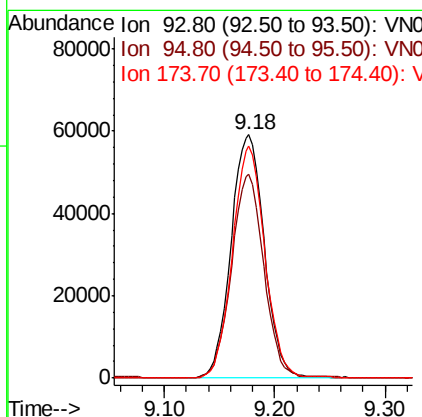
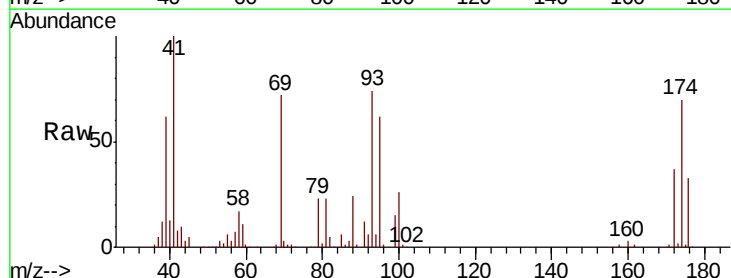
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

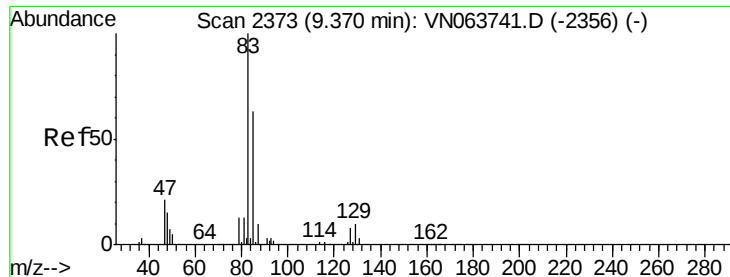
Tot Ion: 63 Resp: 189017
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



#46
 Dibromomethane
 Concen: 49.945 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 93 Resp: 123596
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.3 99.5
 174 92.5 72.7 109.1





#47

Bromodichloromethane

Concen: 51.838 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

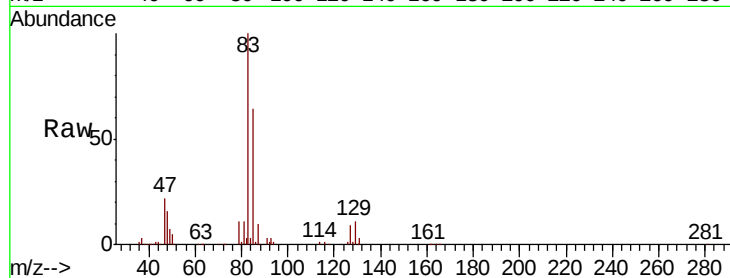
Tot Ion: 83 Resp: 264376

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

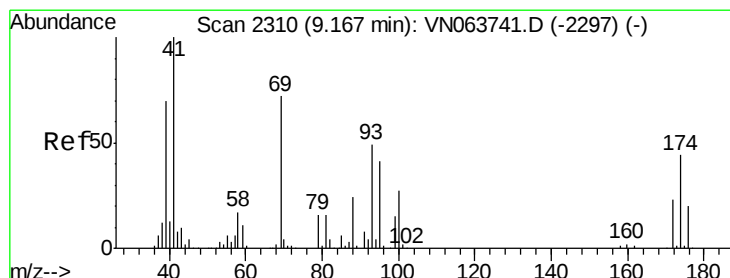
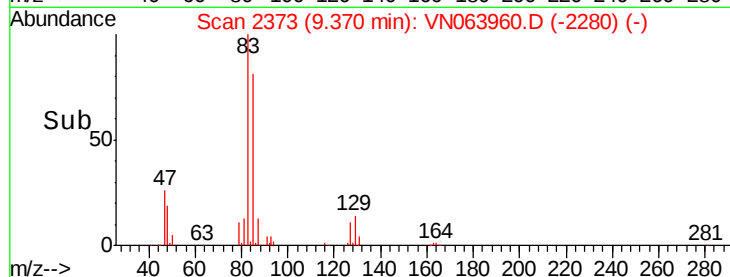
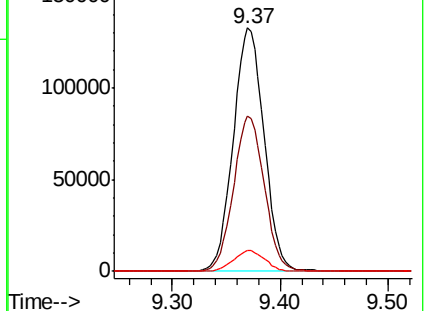
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063960.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063960.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063960.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.426 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

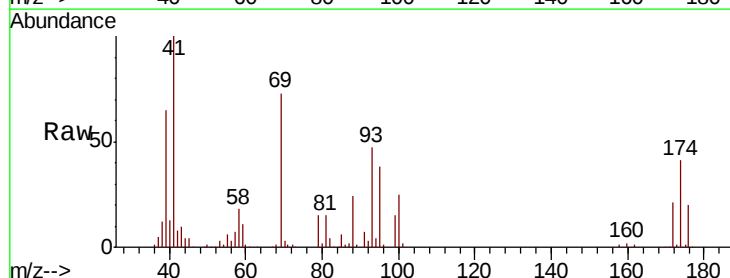
Tgt Ion: 41 Resp: 201156

Ion Ratio Lower Upper

41 100

69 74.8 60.9 91.3

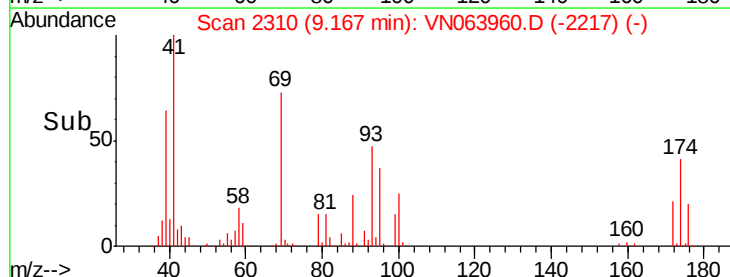
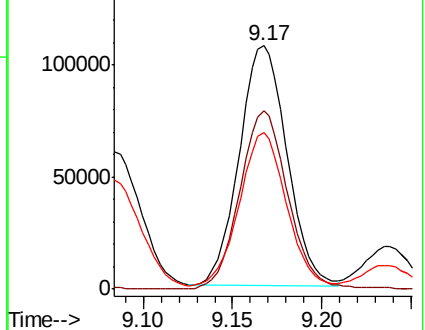
39 65.0 57.5 86.3

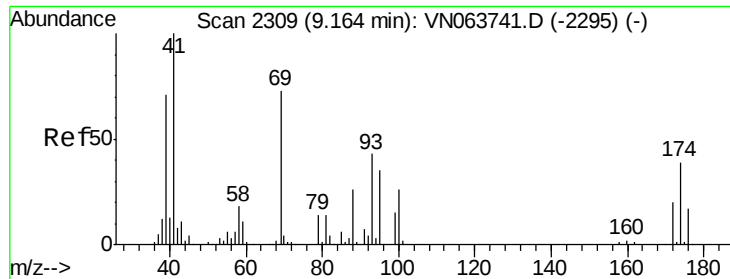


Abundance Ion 41.00 (40.70 to 41.70): VN063960.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063960.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063960.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1005.627 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

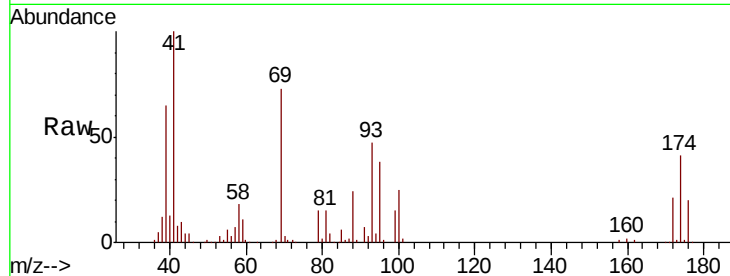
Tot Ion: 88 Resp: 53812

Ion Ratio Lower Upper

88 100

43 39.9 33.1 49.7

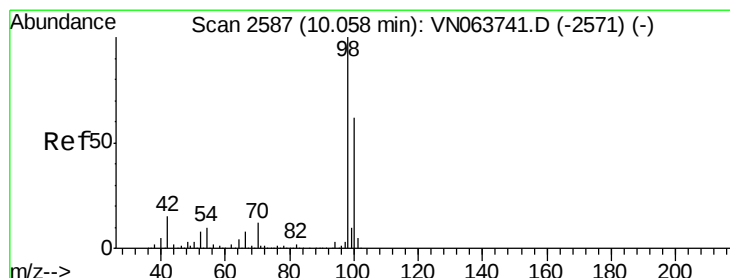
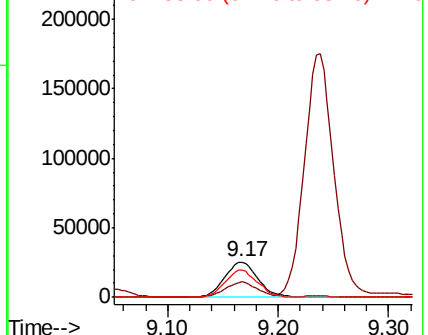
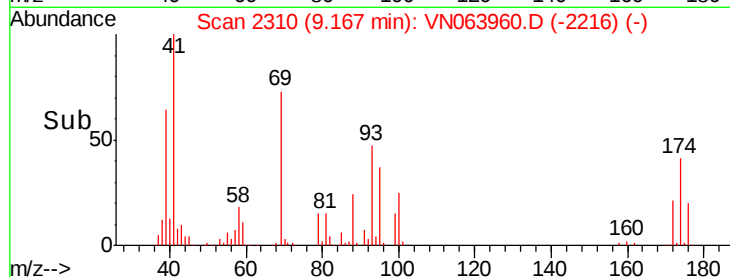
58 75.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063960.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063960.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063960.D (-2216) (-)



#50

Toluene-d8

Concen: 47.192 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063960.D

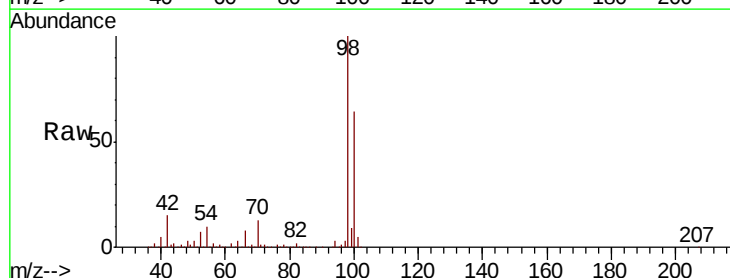
Acq: 7 Oct 2020 22:54

Tgt Ion: 98 Resp: 569805

Ion Ratio Lower Upper

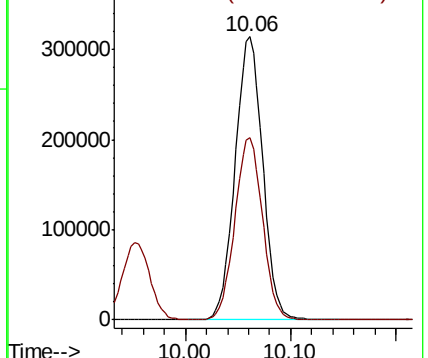
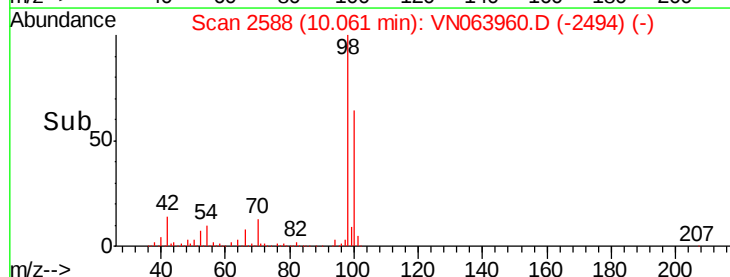
98 100

100 64.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063960.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063960.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 280.685 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

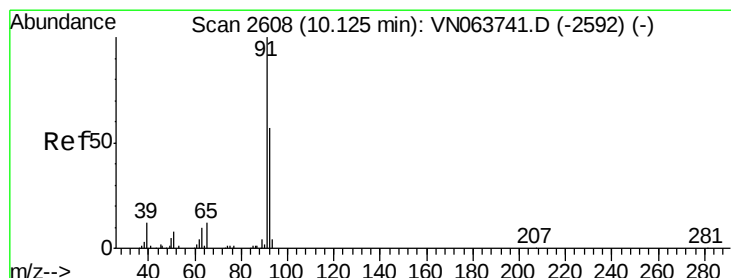
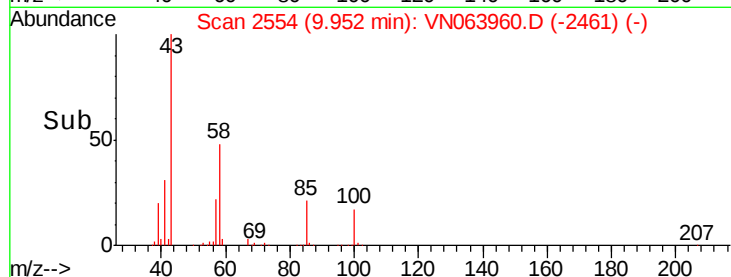
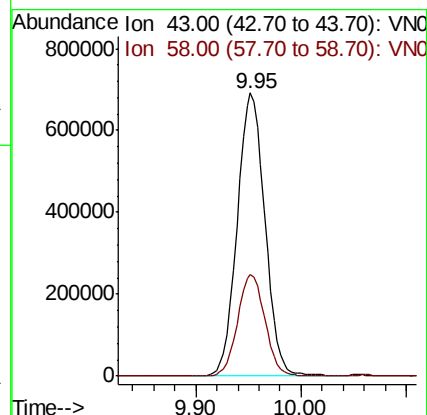
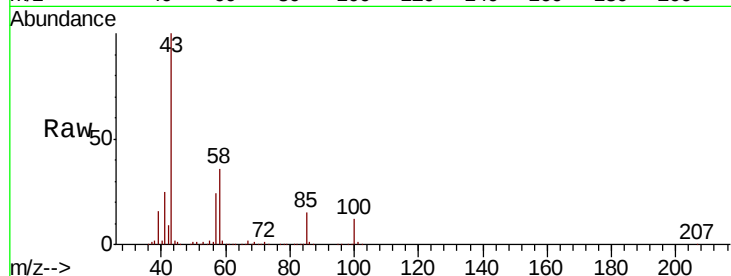
VSTDCCC050

Tot Ion: 43 Resp: 1255282

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



#52

Toluene

Concen: 51.315 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063960.D

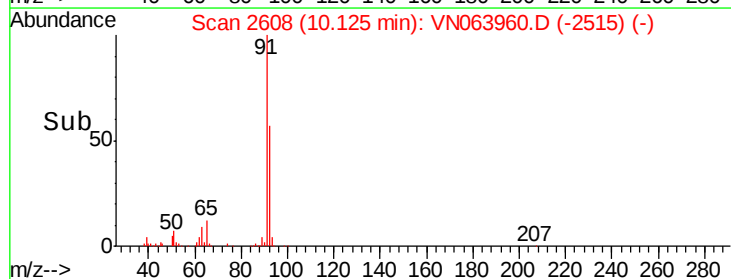
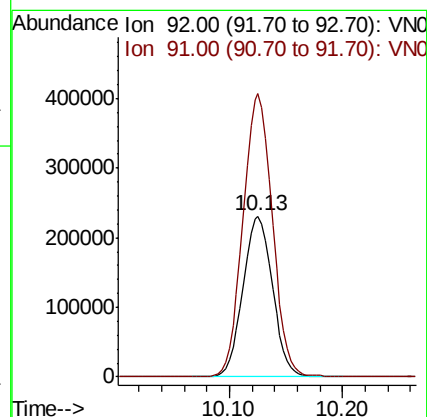
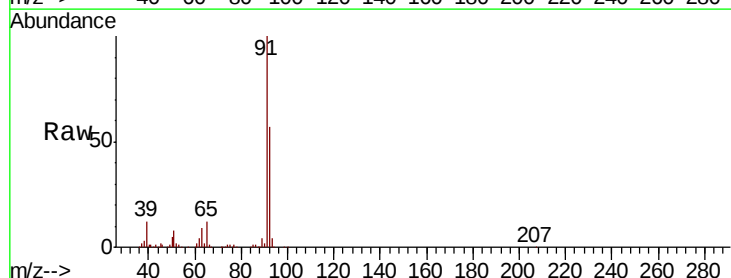
Acq: 7 Oct 2020 22:54

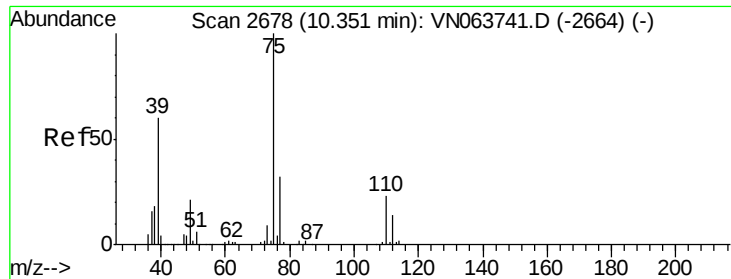
Tgt Ion: 92 Resp: 421592

Ion Ratio Lower Upper

92 100

91 175.2 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 49.799 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

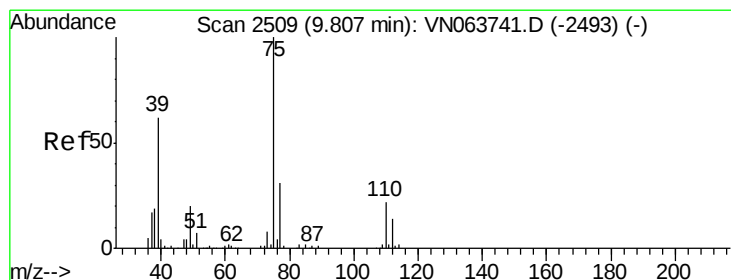
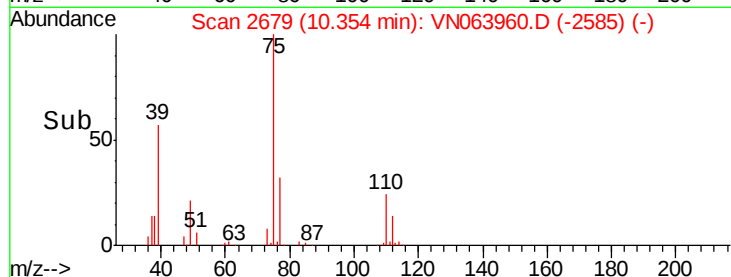
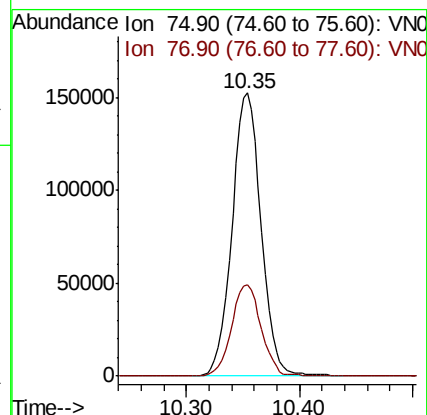
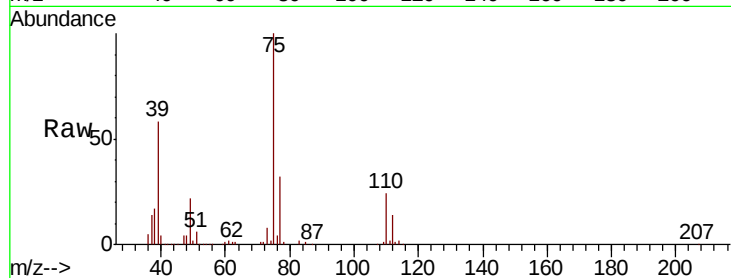
VSTDCCC050

Tot Ion: 75 Resp: 272249

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.657 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

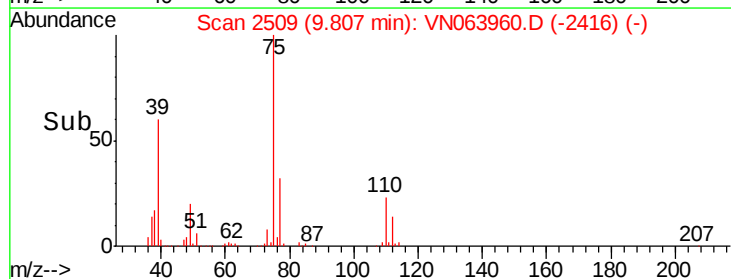
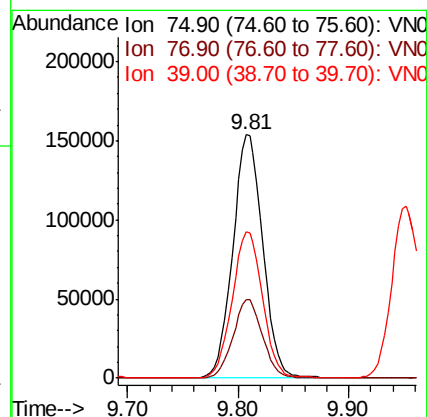
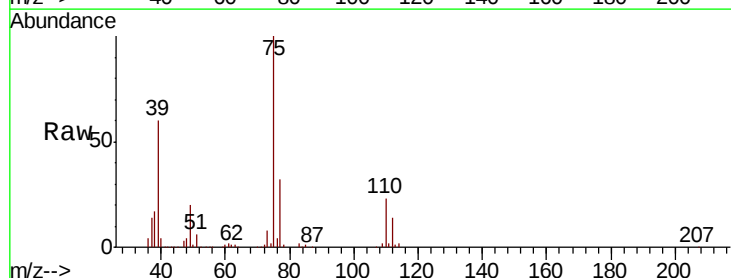
Tgt Ion: 75 Resp: 289630

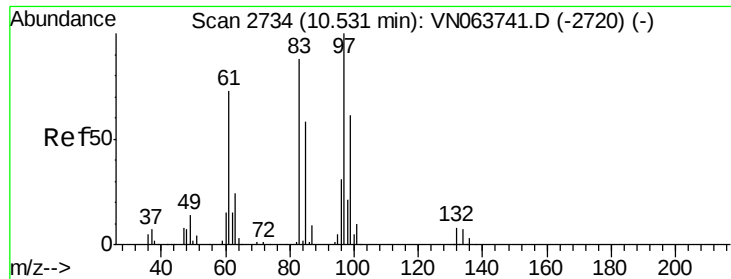
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 59.6 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 52.056 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 171514

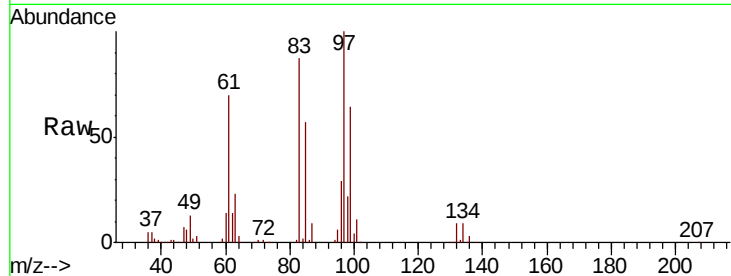
Ion Ratio Lower Upper

97 100

83 87.2 70.7 106.1

85 57.0 46.1 69.1

99 64.5 48.8 73.2

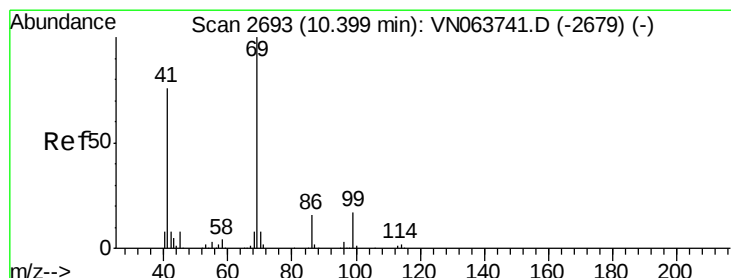
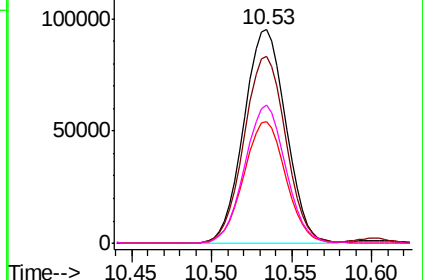
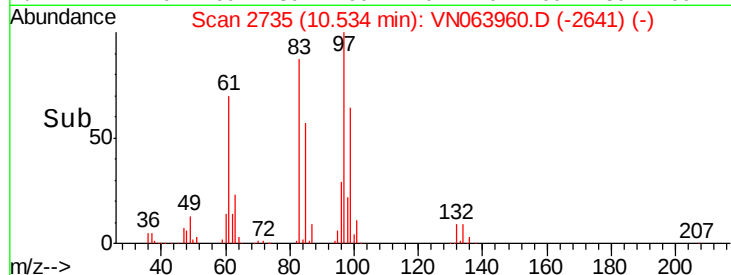


Abundance Ion 96.90 (96.60 to 97.60): VN063960.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063960.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN063960.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063960.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 54.973 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

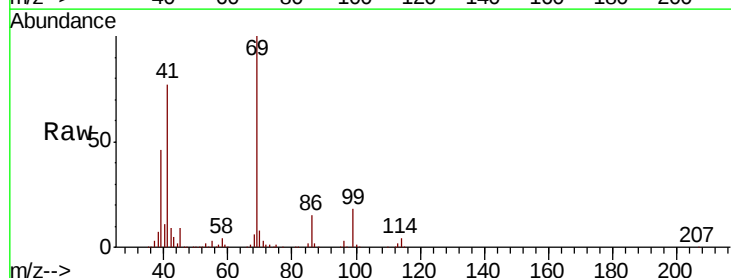
Tgt Ion: 69 Resp: 256735

Ion Ratio Lower Upper

69 100

41 76.4 61.1 91.7

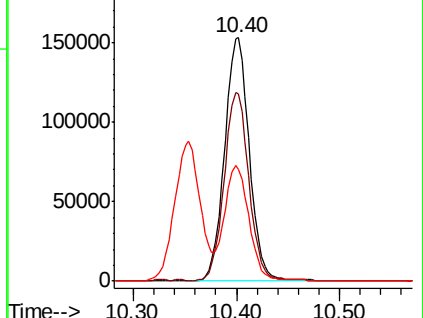
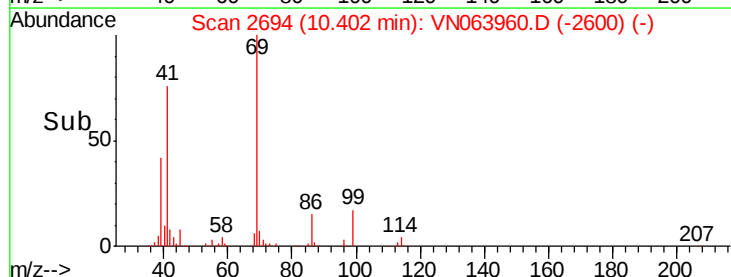
39 47.3 42.2 63.4

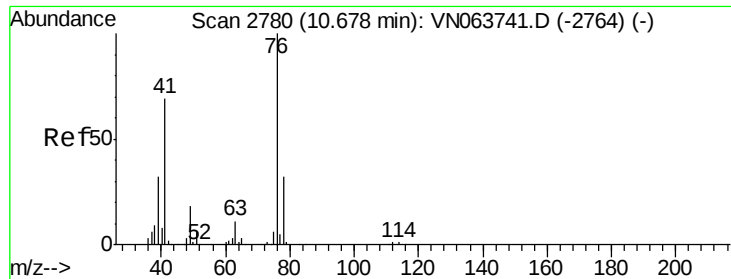


Abundance Ion 69.00 (68.70 to 69.70): VN063960.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063960.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063960.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 52.274 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

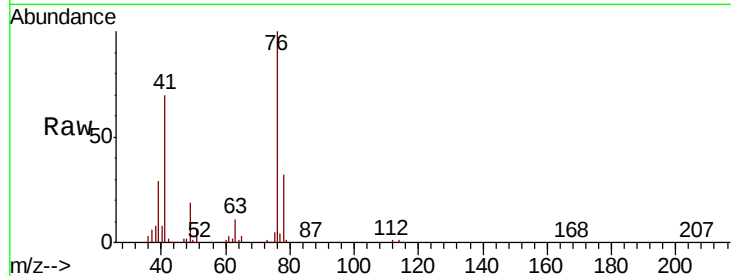
VSTDCCC050

Tot Ion: 76 Resp: 291385

Ion Ratio Lower Upper

76 100

78 32.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-2764) (-)

10.68

150000

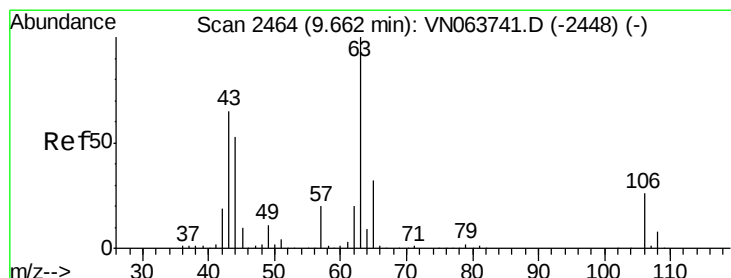
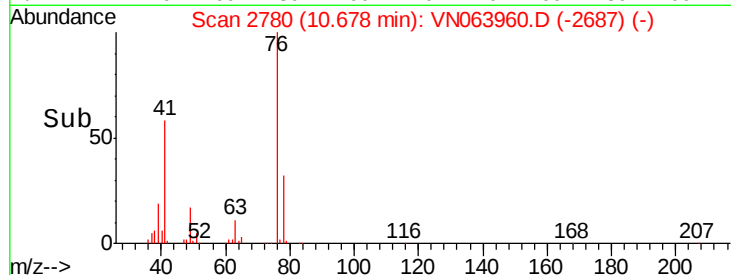
100000

50000

0

10.60 10.70 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 269.935 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063960.D

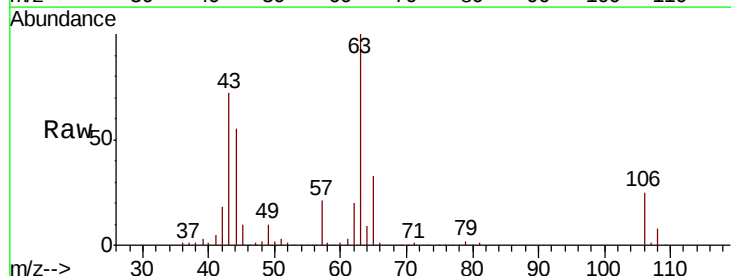
Acq: 7 Oct 2020 22:54

Tgt Ion: 63 Resp: 674337

Ion Ratio Lower Upper

63 100

106 25.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063741.D (-2448) (-)

9.66

400000

300000

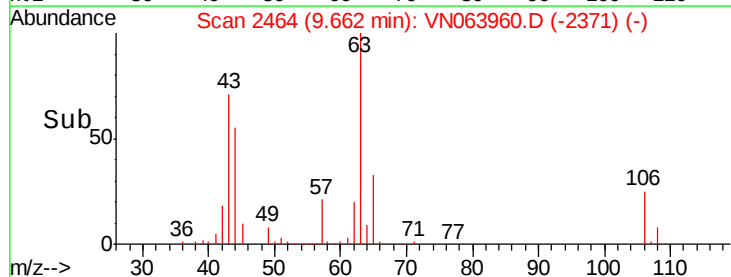
200000

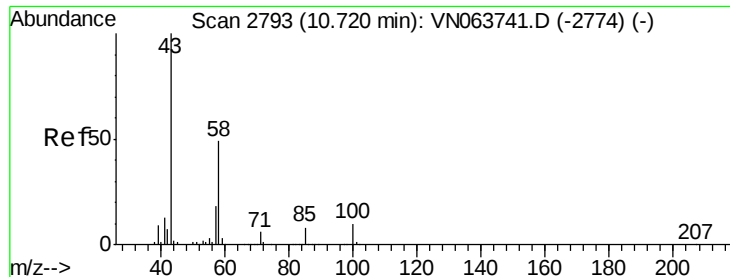
100000

0

9.60 9.70 9.80

Time-->

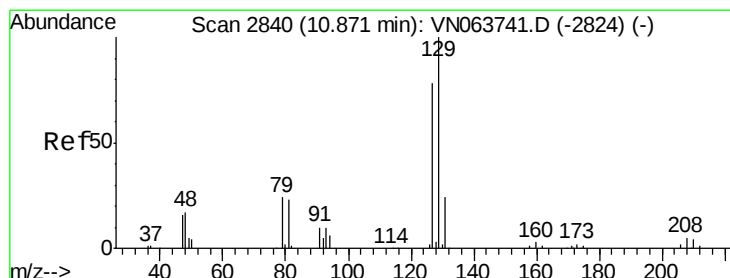
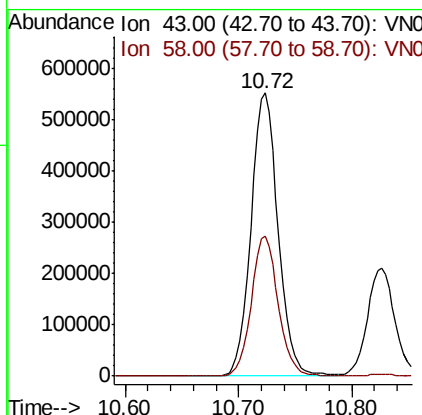
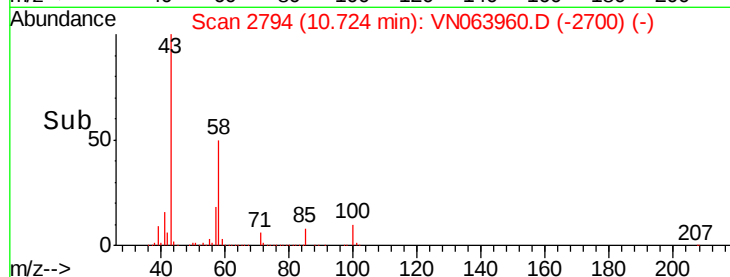
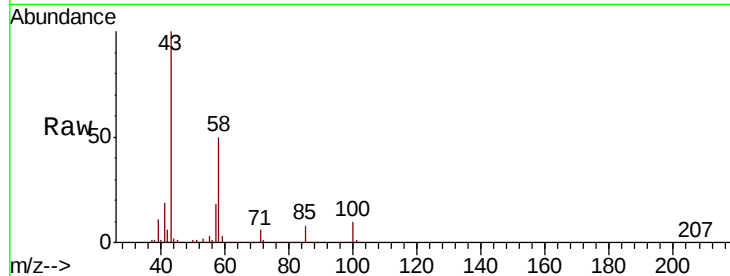




#59
2-Hexanone
Concen: 276.019 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

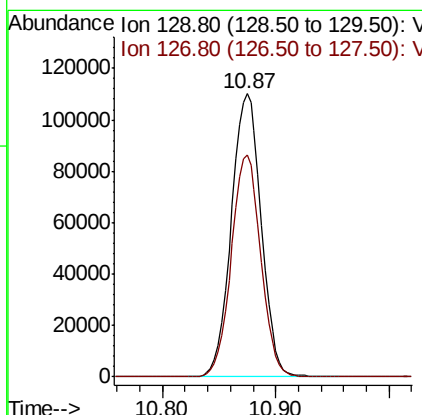
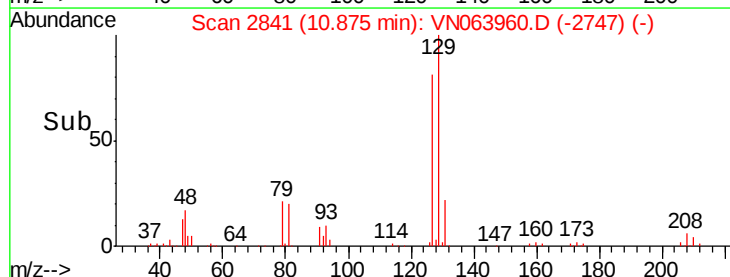
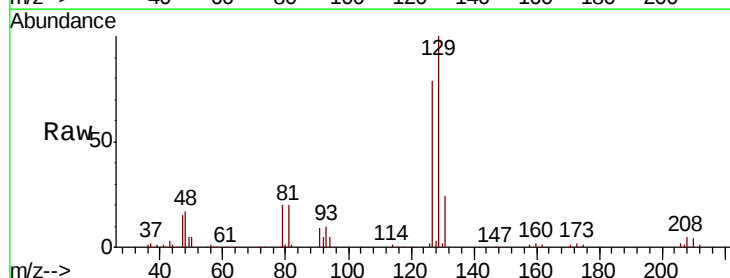
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

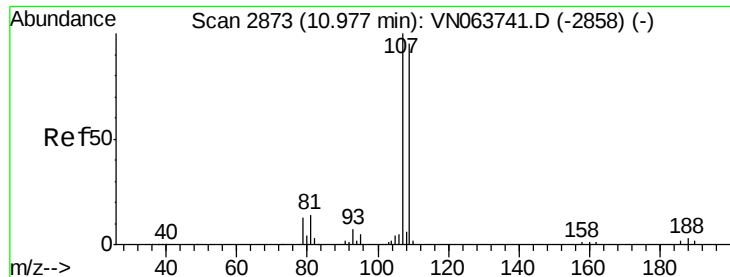
Tot Ion: 43 Resp: 917002
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 52.762 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion: 129 Resp: 202451
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

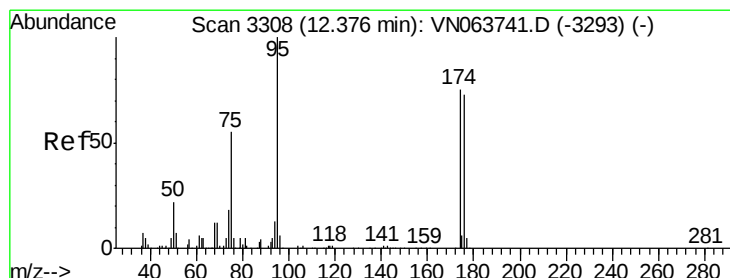
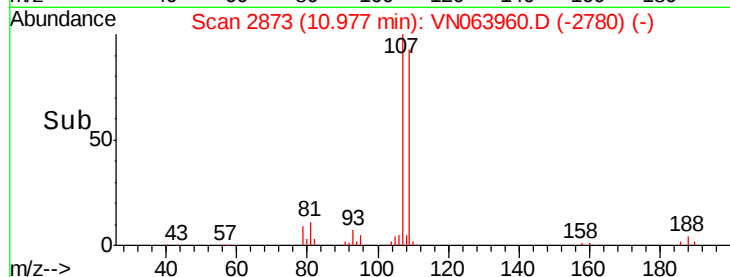
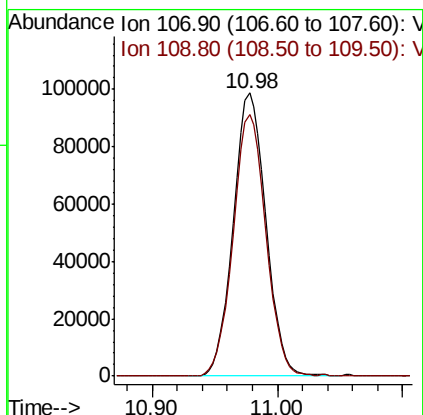
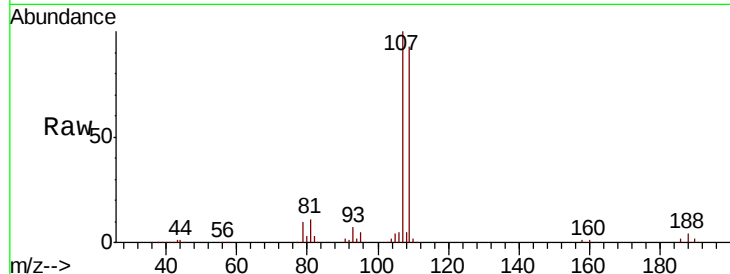




#61
 1,2-Dibromoethane
 Concen: 52.932 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

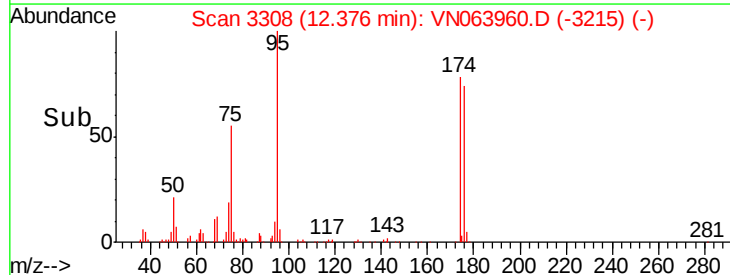
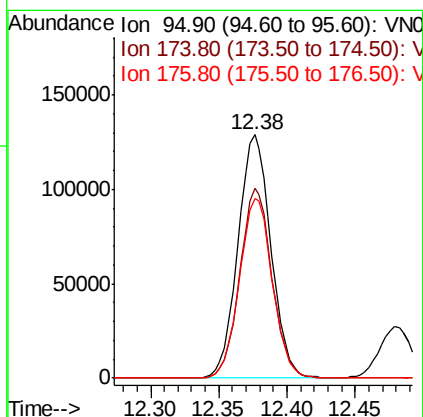
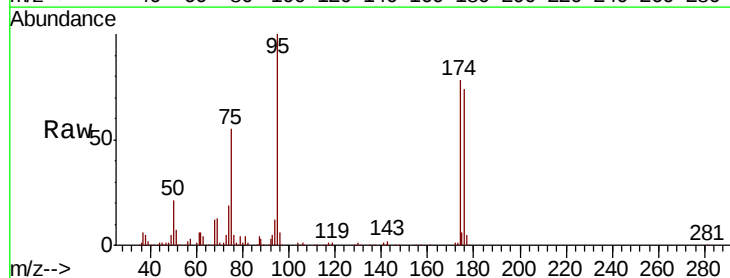
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

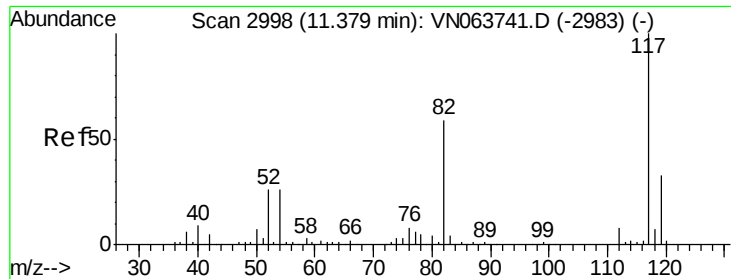
Tot Ion: 107 Resp: 178398
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.587 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 95 Resp: 215986
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 150.6
 176 73.8 0.0 145.4

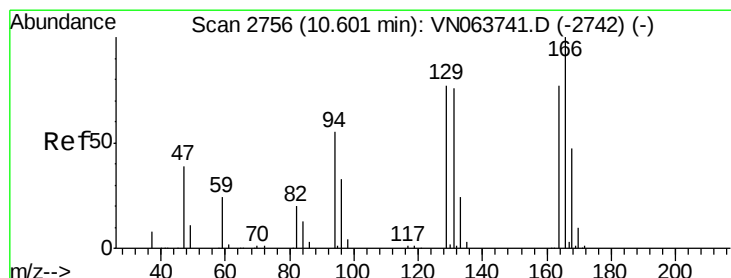
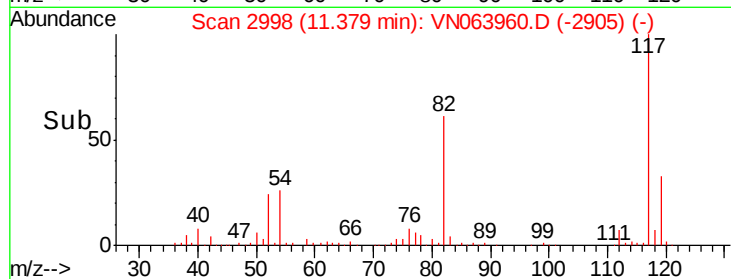
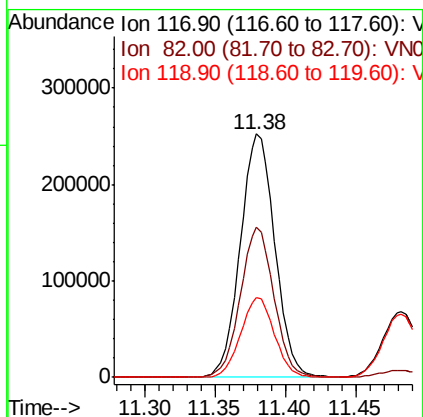
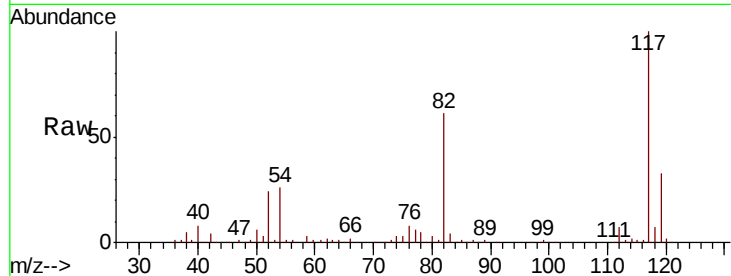




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

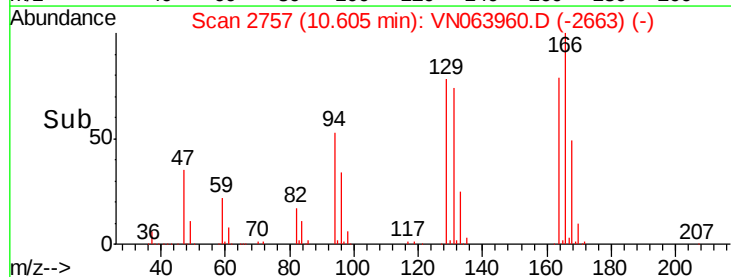
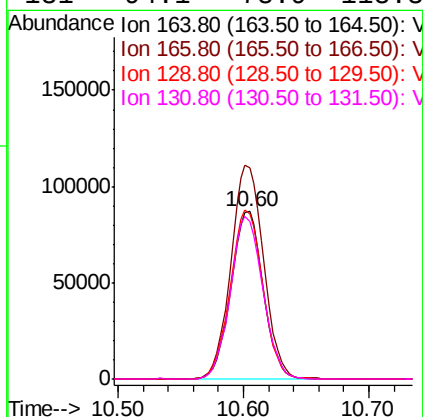
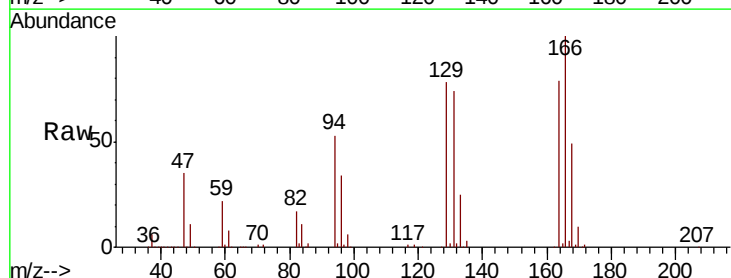
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

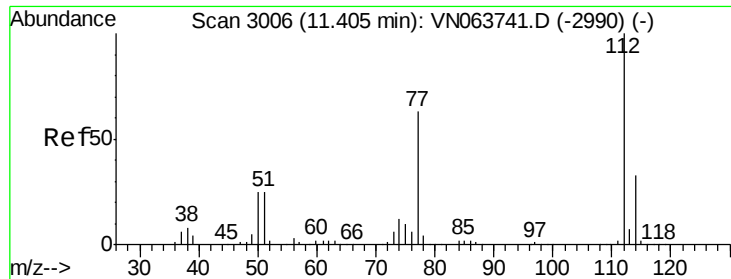
Tot Ion:117 Resp: 433236
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 46.140 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion:164 Resp: 154653
Ion Ratio Lower Upper
164 100
166 126.4 103.9 155.9
129 99.0 80.3 120.5
131 94.1 78.9 118.3

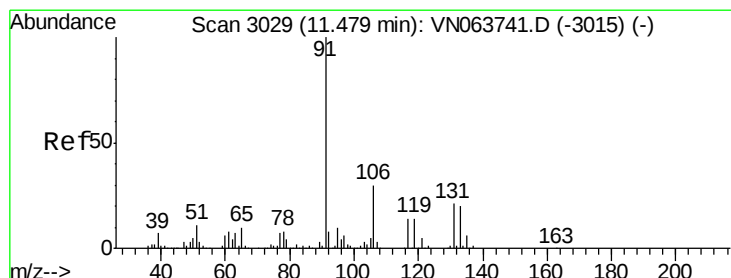
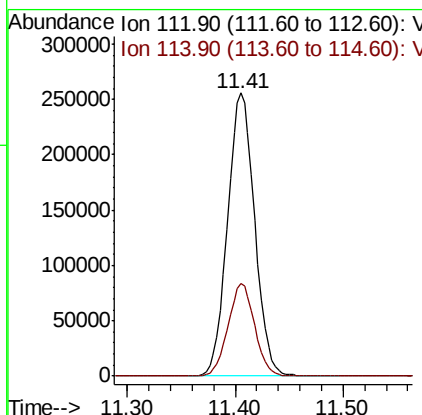
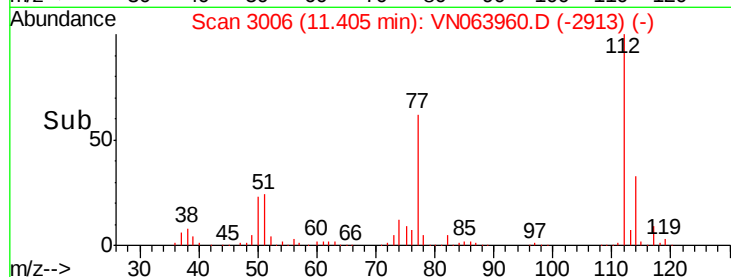
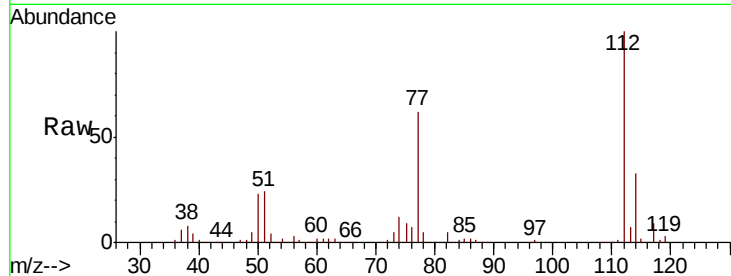




#65
Chlorobenzene
Concen: 50.454 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

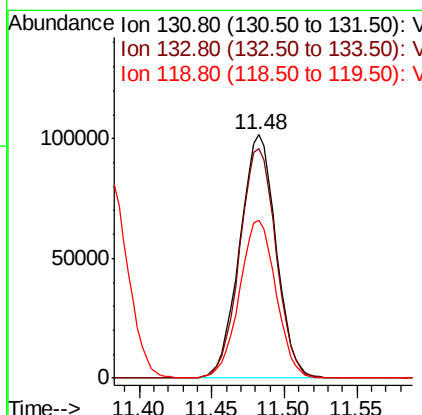
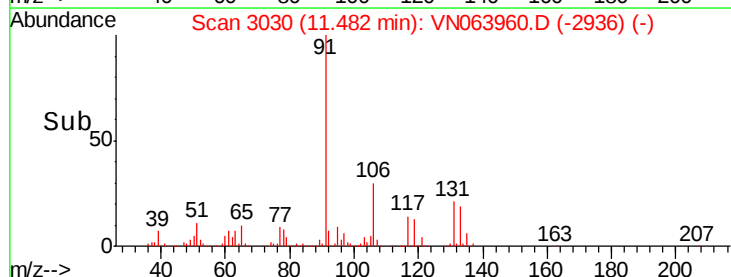
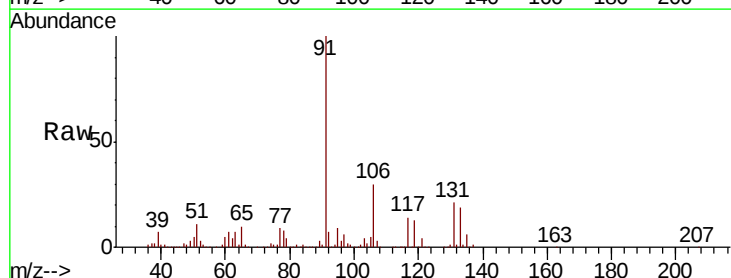
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

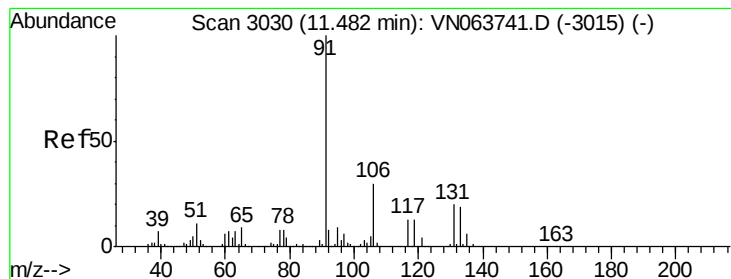
Tot Ion:112 Resp: 448383
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.079 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion:131 Resp: 177435
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 65.0 32.6 97.7





#67

Ethyl Benzene

Concen: 51.150 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

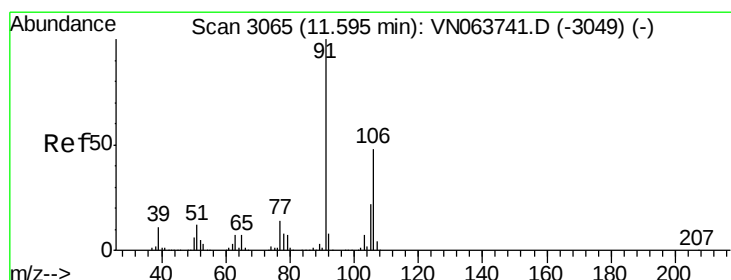
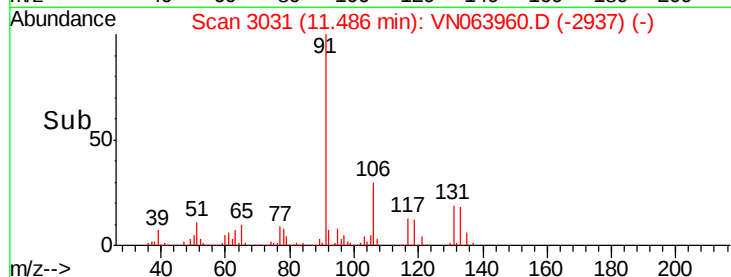
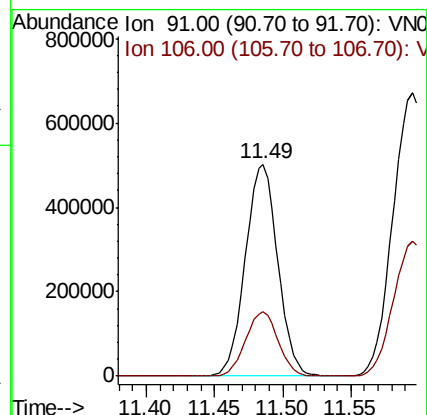
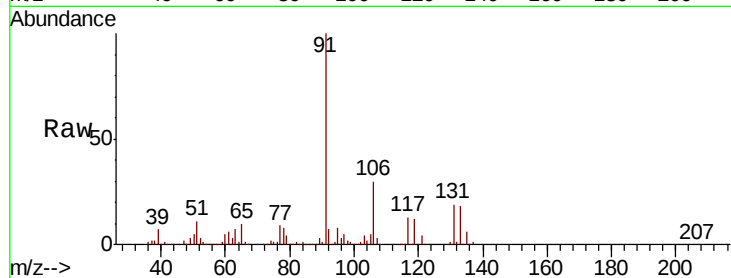
VSTDCCC050

Tot Ion: 91 Resp: 827153

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 101.914 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063960.D

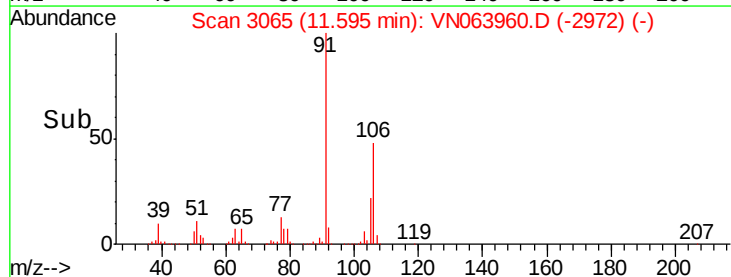
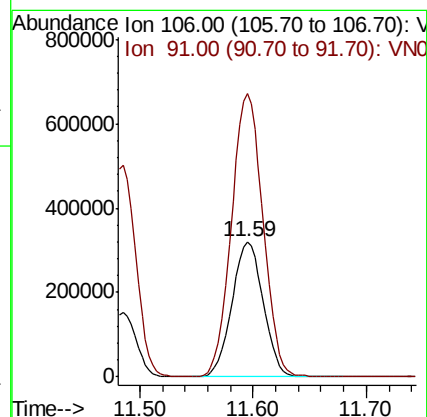
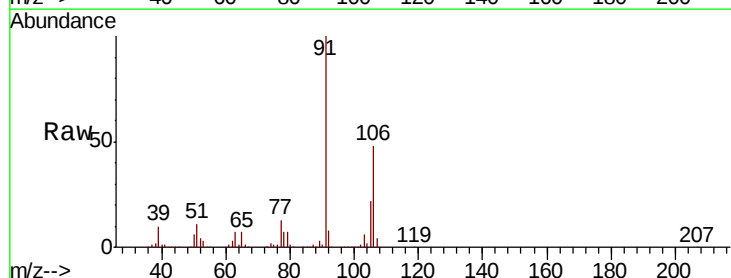
Acq: 7 Oct 2020 22:54

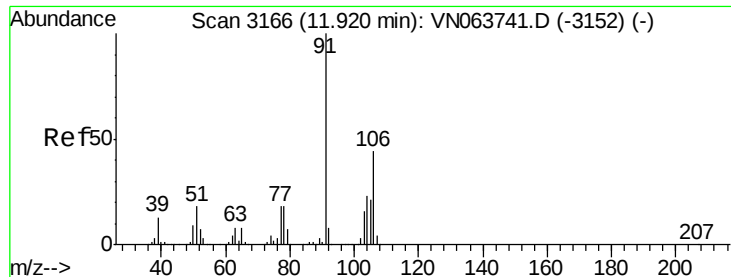
Tgt Ion: 106 Resp: 614229

Ion Ratio Lower Upper

106 100

91 211.3 168.0 252.0

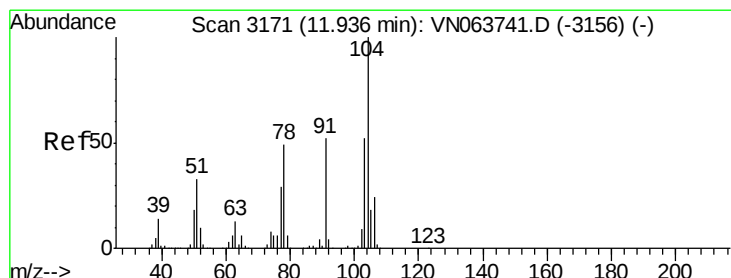
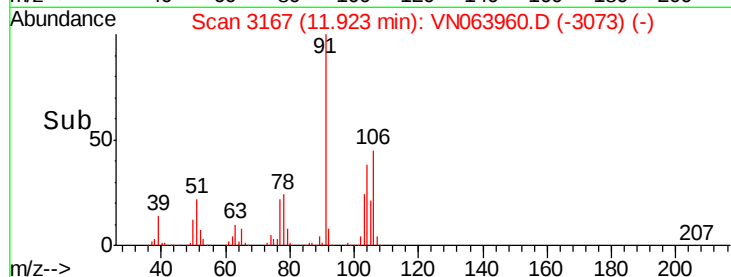
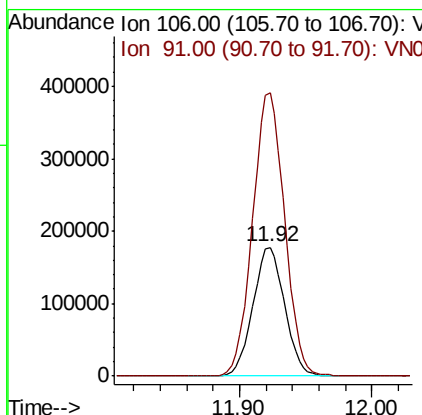
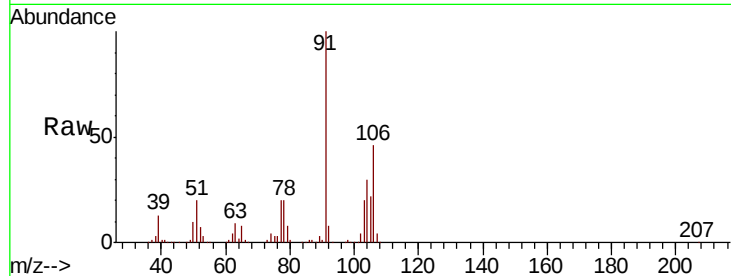




#69
o-Xylene
Concen: 52.144 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

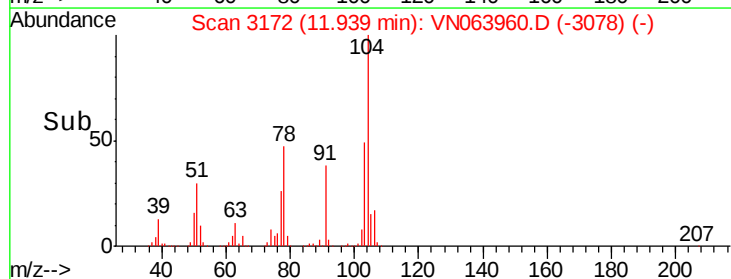
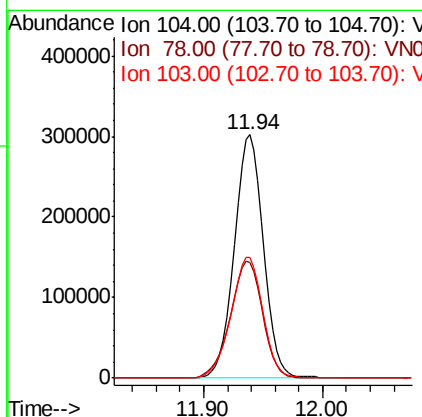
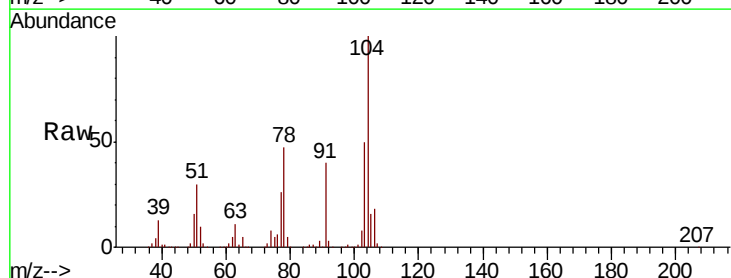
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

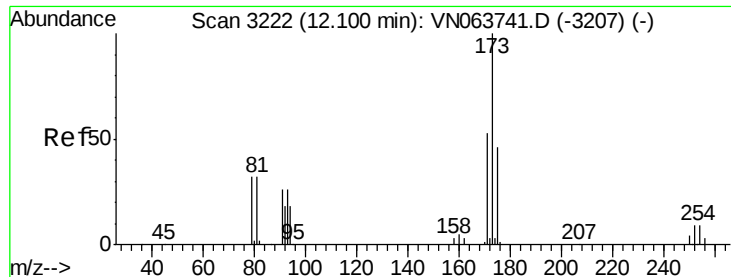
Tot Ion:106 Resp: 293737
Ion Ratio Lower Upper
106 100
91 222.6 112.7 338.0



#70
Styrene
Concen: 53.502 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063960.D
Acq: 7 Oct 2020 22:54

Tgt Ion:104 Resp: 511596
Ion Ratio Lower Upper
104 100
78 53.2 44.1 66.1
103 54.3 44.3 66.5





#71

Bromoform

Concen: 52.828 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

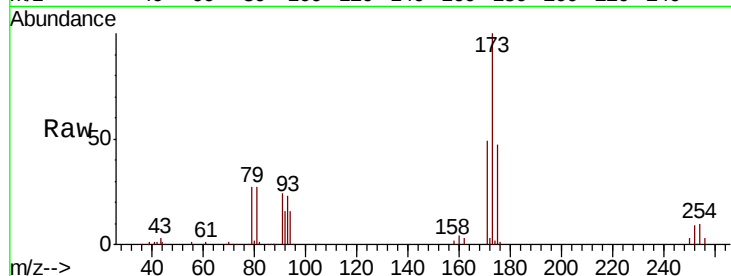
Tot Ion:173 Resp: 137655

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.5

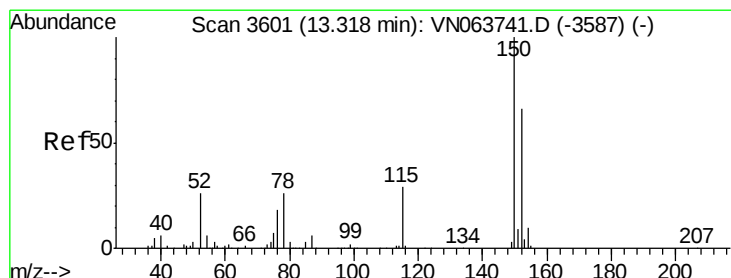
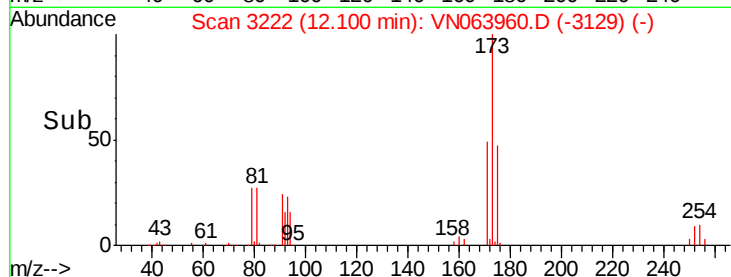
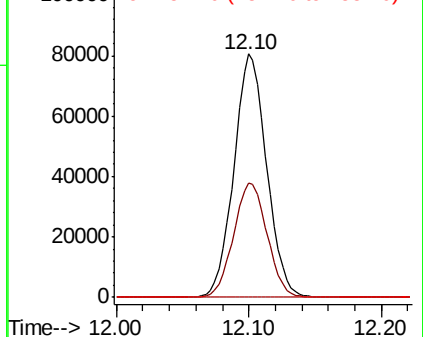
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

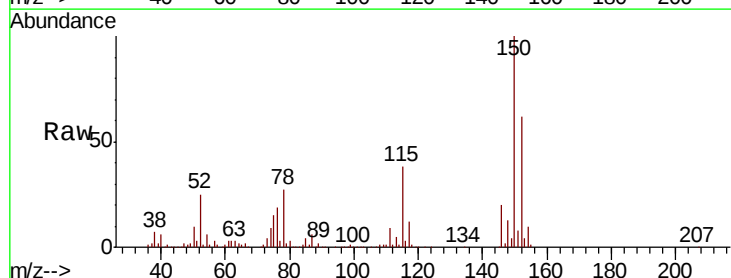
Tgt Ion:152 Resp: 209807

Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

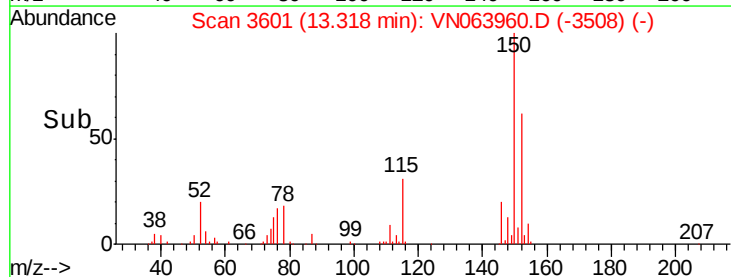
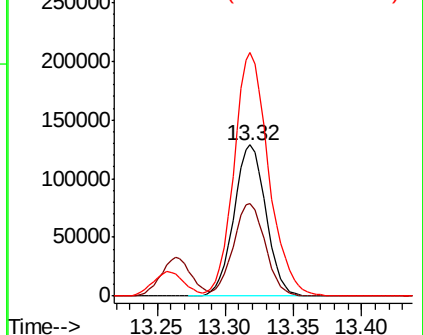
150 173.8 0.0 341.8

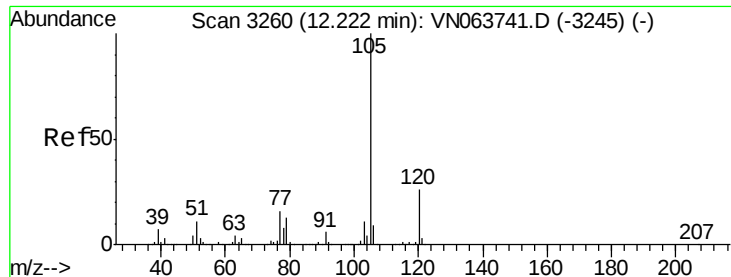


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.293 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

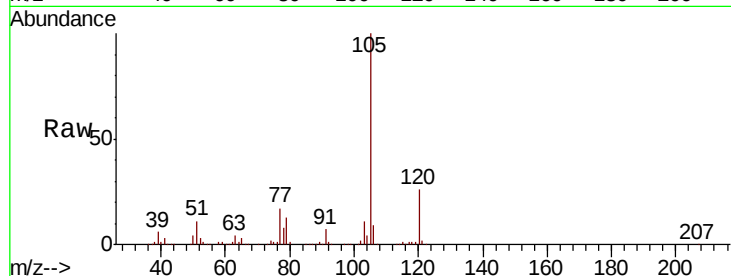
VSTDCCC050

Tot Ion:105 Resp: 784940

Ion Ratio Lower Upper

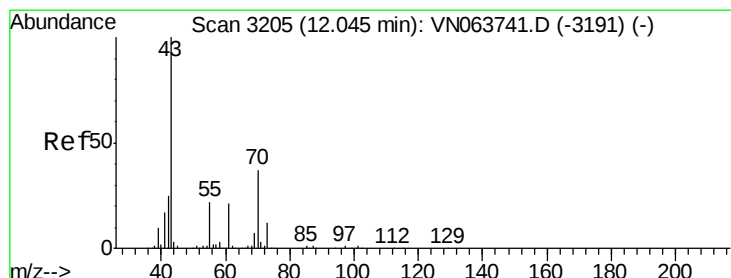
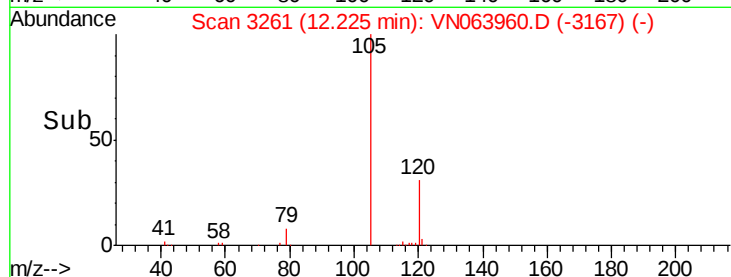
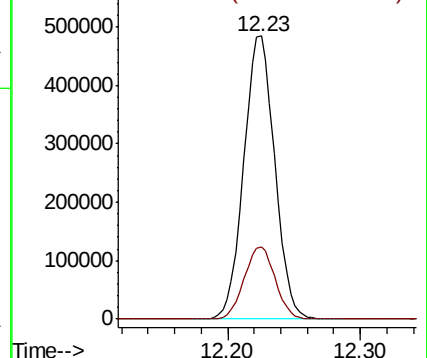
105 100

120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.137 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Tgt Ion: 43 Resp: 364095

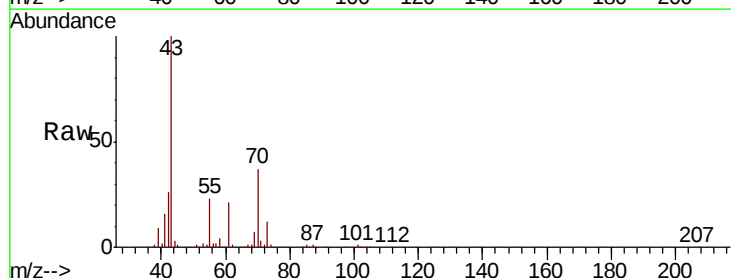
Ion Ratio Lower Upper

43 100

70 36.8 29.8 44.8

55 22.7 17.9 26.9

61 21.0 17.0 25.4

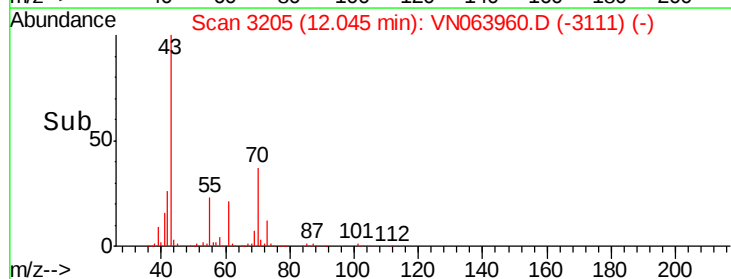
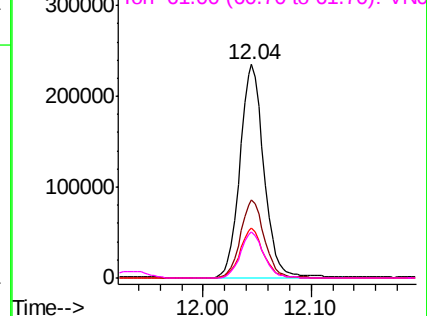


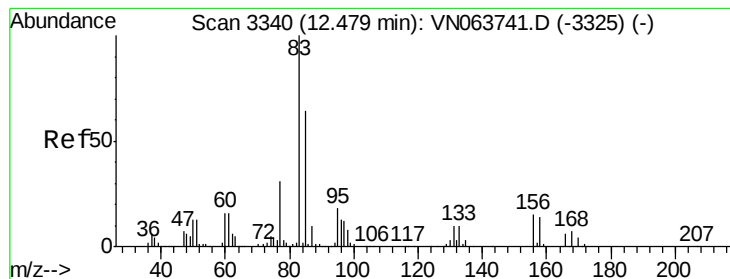
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.671 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

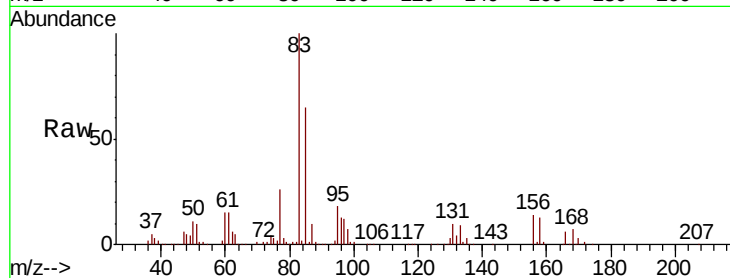
Tot Ion: 83 Resp: 246478

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

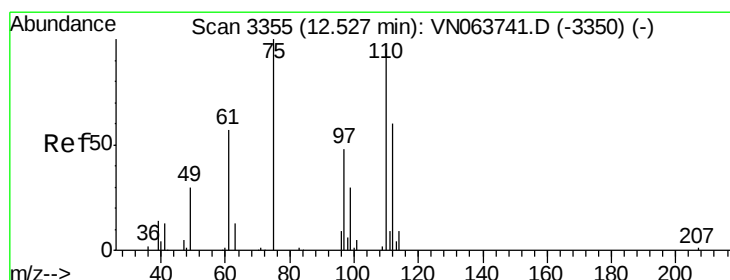
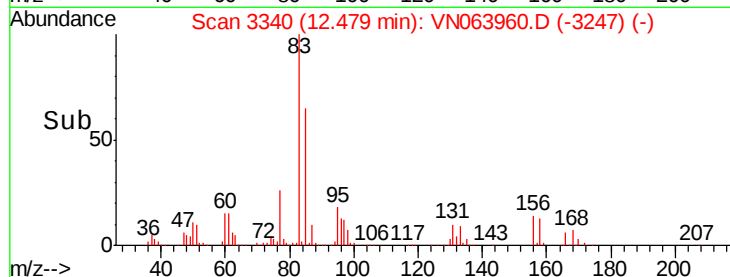
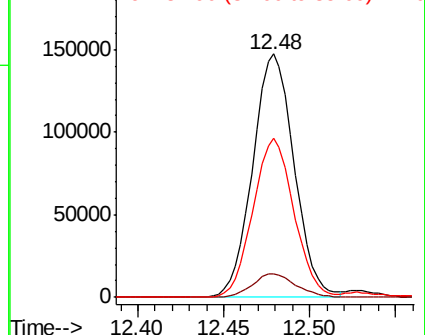
85 64.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063960.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063960.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063960.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 71.898 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063960.D

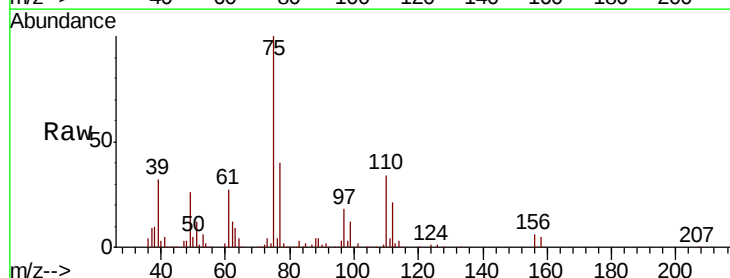
Acq: 7 Oct 2020 22:54

Tgt Ion: 75 Resp: 332525

Ion Ratio Lower Upper

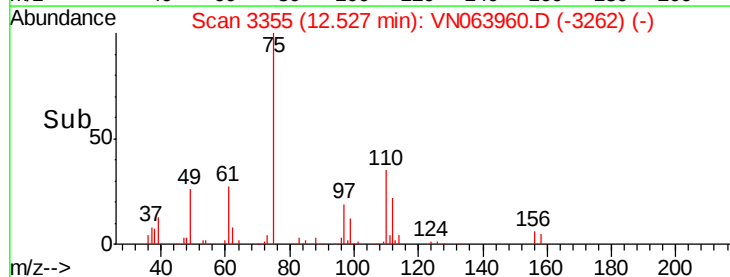
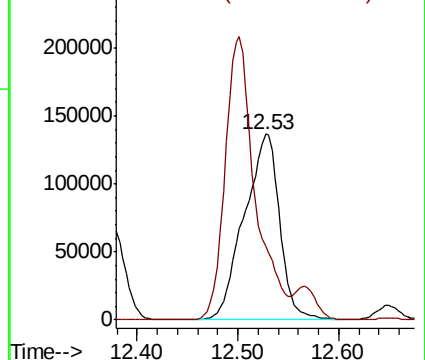
75 100

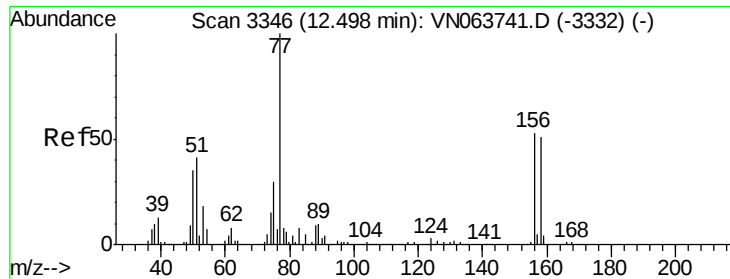
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063960.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063960.D (-3262) (-)





#77

Bromobenzene

Concen: 53.338 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

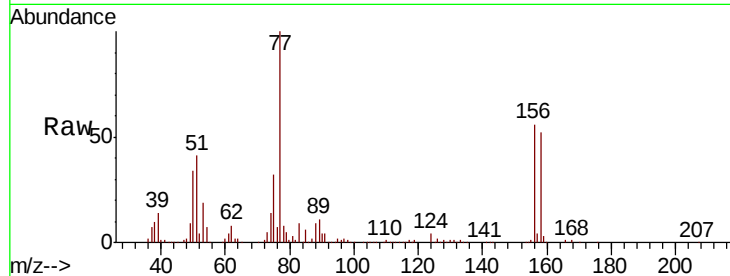
Tot Ion:156 Resp: 200284

Ion Ratio Lower Upper

156 100

77 215.7 110.9 332.7

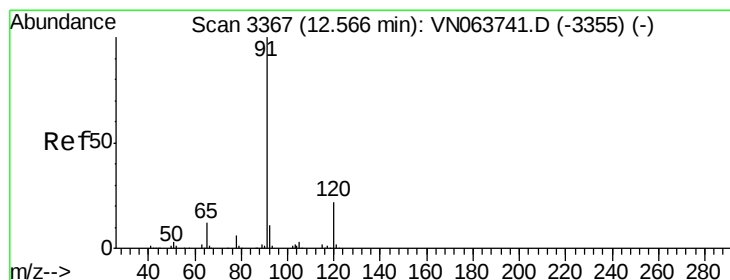
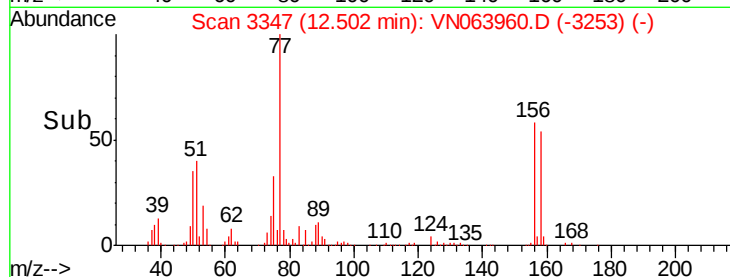
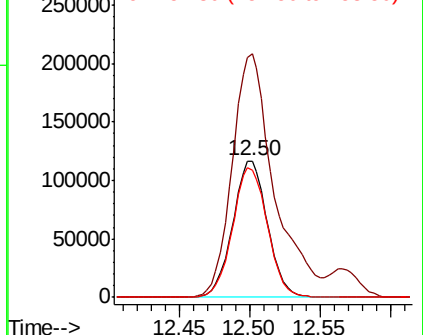
158 95.8 47.7 143.1



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: 50.859 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063960.D

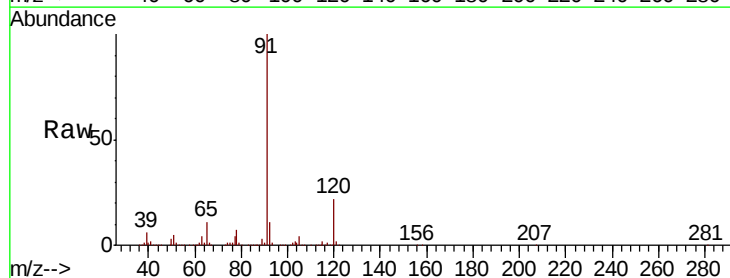
Acq: 7 Oct 2020 22:54

Tgt Ion: 91 Resp: 905783

Ion Ratio Lower Upper

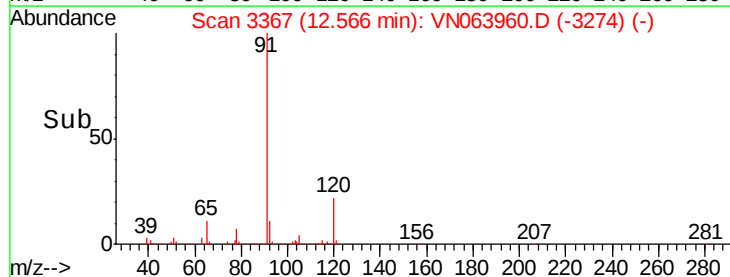
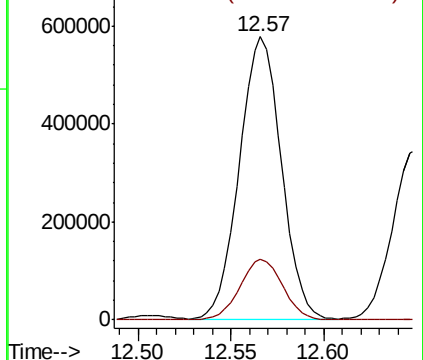
91 100

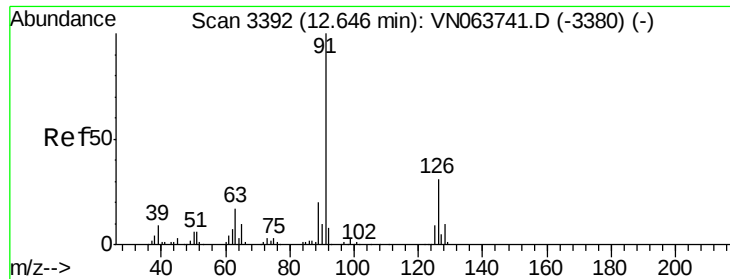
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.329 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

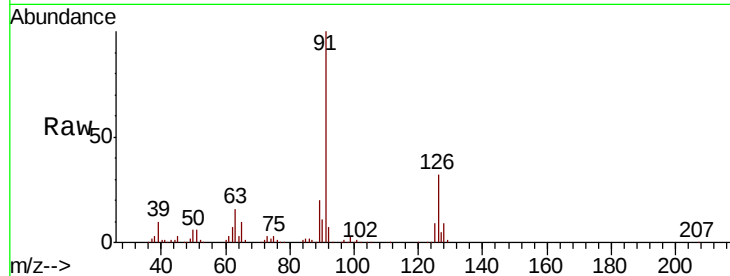
VSTDCCC050

Tot Ion: 91 Resp: 562222

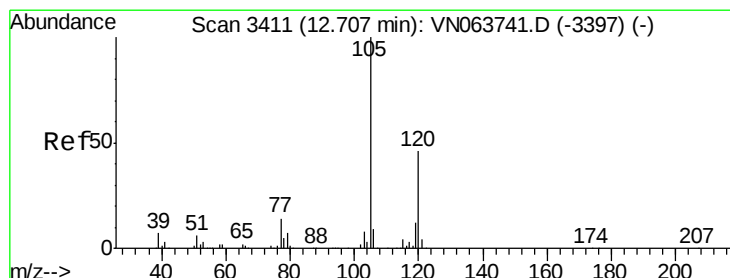
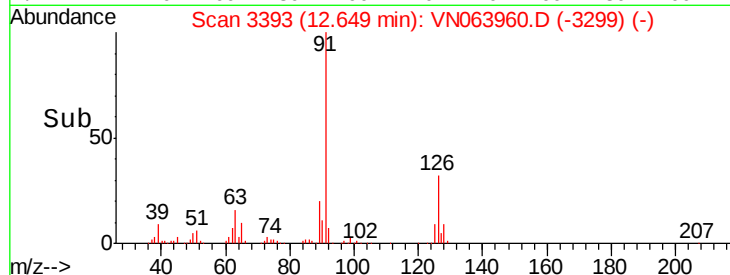
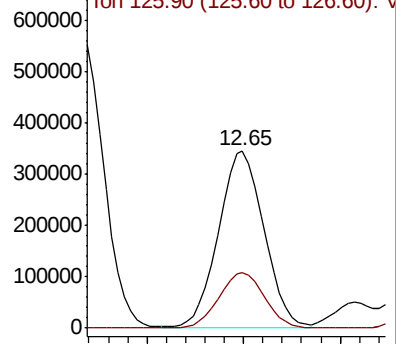
Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.327 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063960.D

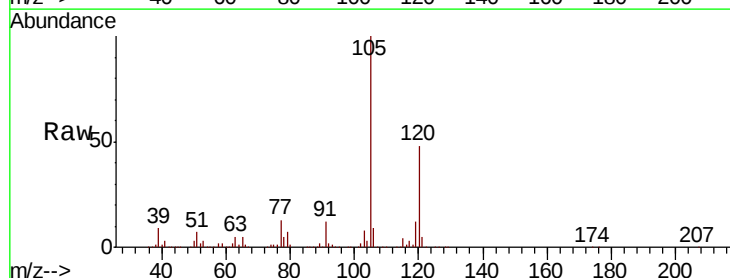
Acq: 7 Oct 2020 22:54

Tgt Ion: 105 Resp: 658964

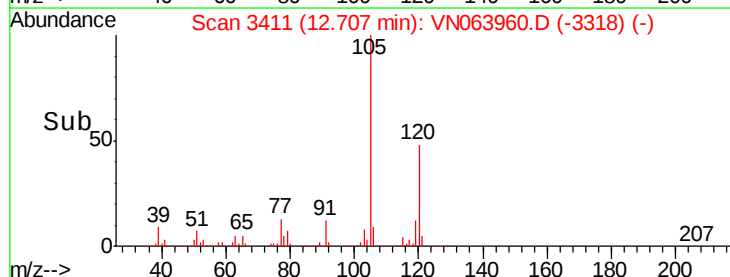
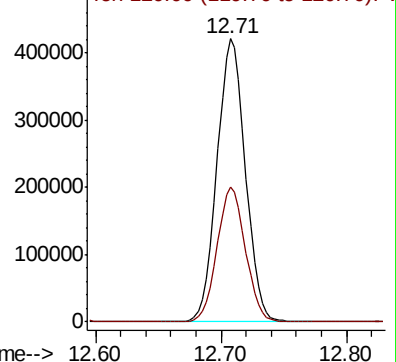
Ion Ratio Lower Upper

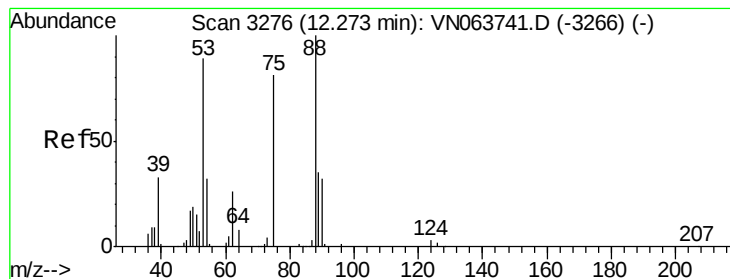
105 100

120 47.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.881 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

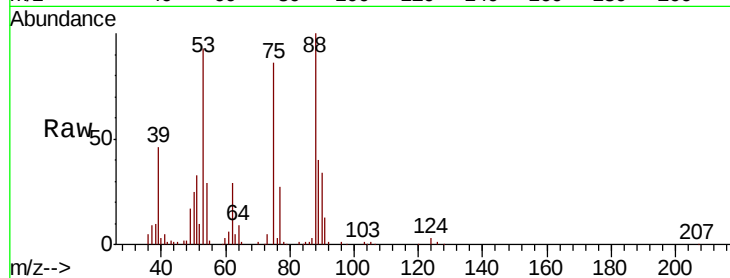
Tot Ion: 75 Resp: 78493

Ion Ratio Lower Upper

75 100

53 110.6 88.2 132.2

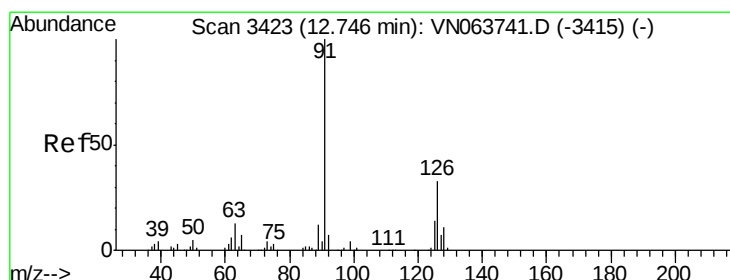
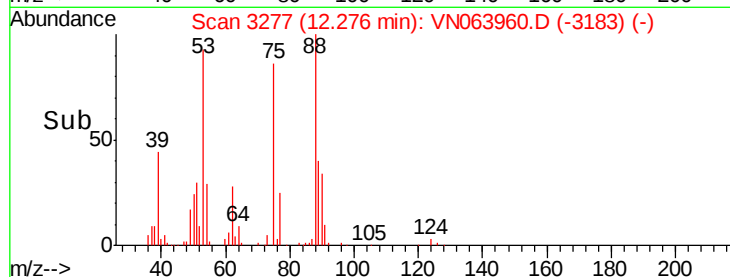
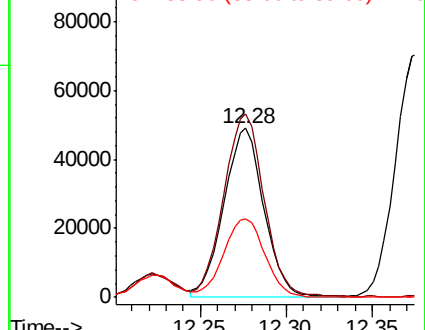
89 48.9 36.0 54.0



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

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

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



#82

4-Chlorotoluene

Concen: 51.323 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063960.D

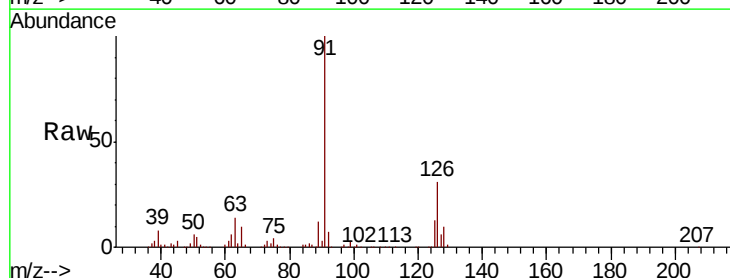
Acq: 7 Oct 2020 22:54

Tgt Ion: 91 Resp: 583579

Ion Ratio Lower Upper

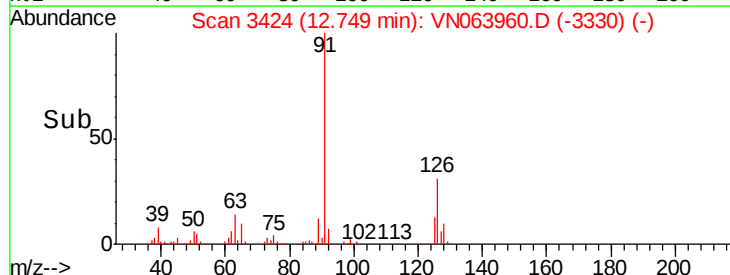
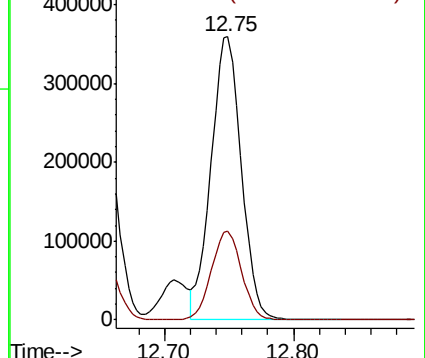
91 100

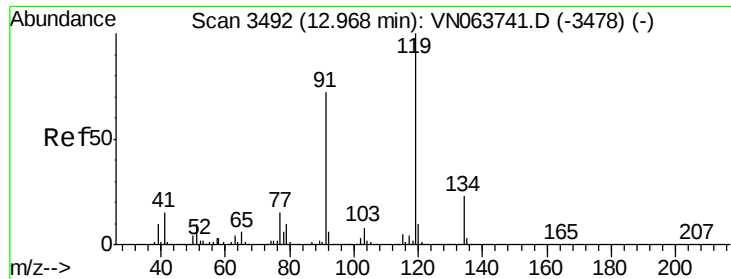
126 31.1 15.4 46.2



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

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

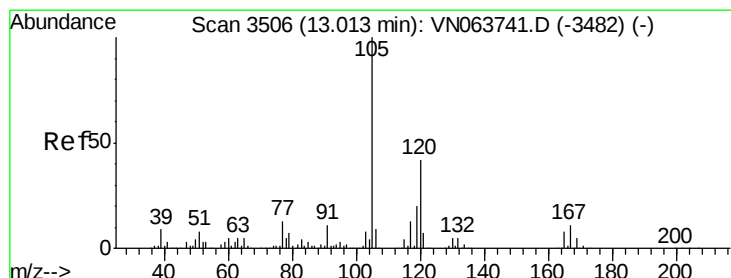
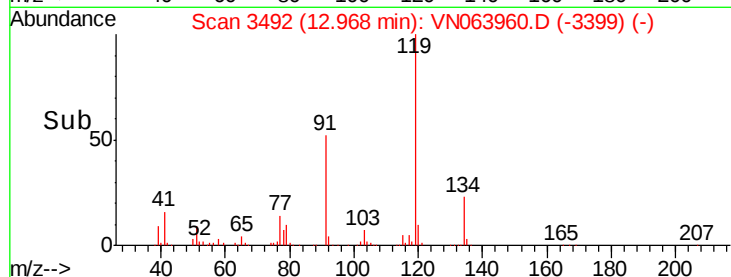
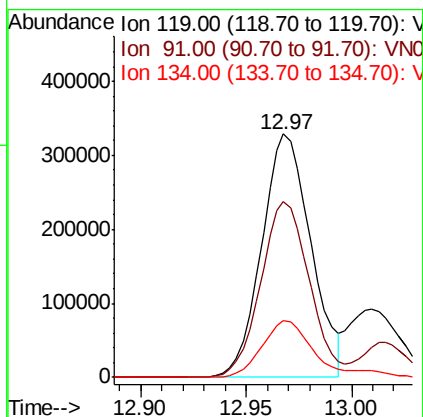
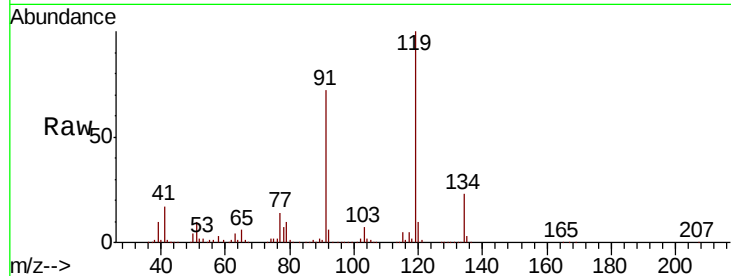




#83
 tert-Butylbenzene
 Concen: 50.926 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

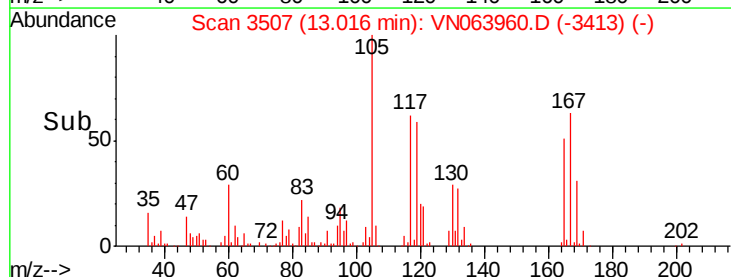
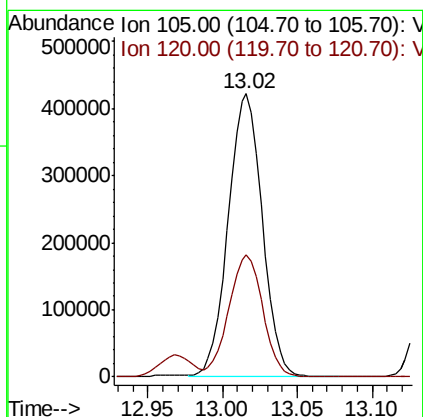
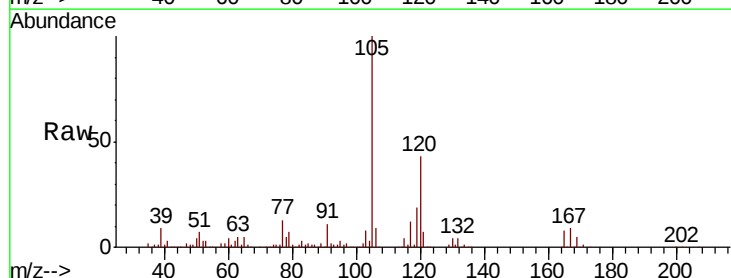
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 534807
 Ion Ratio Lower Upper
 119 100
 91 70.9 35.5 106.5
 134 25.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.037 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion:105 Resp: 667016
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.9 62.7

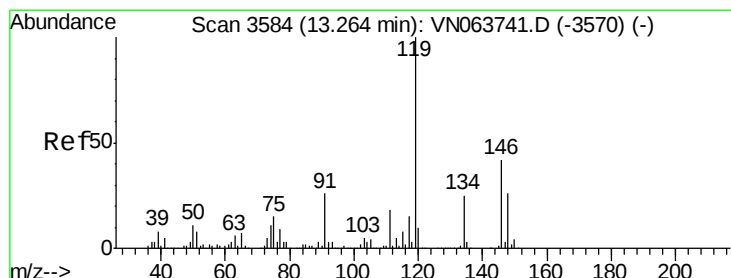
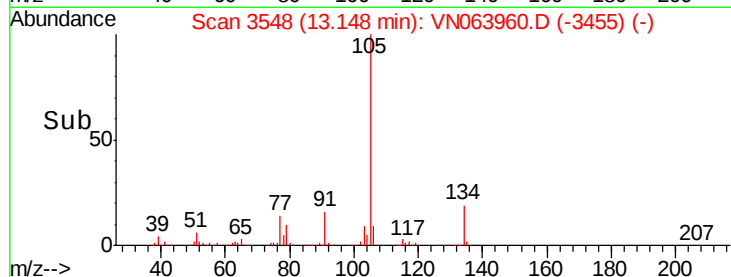
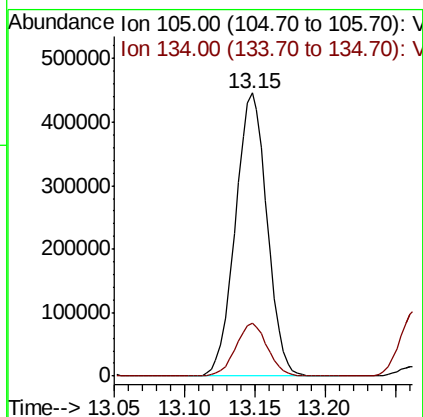
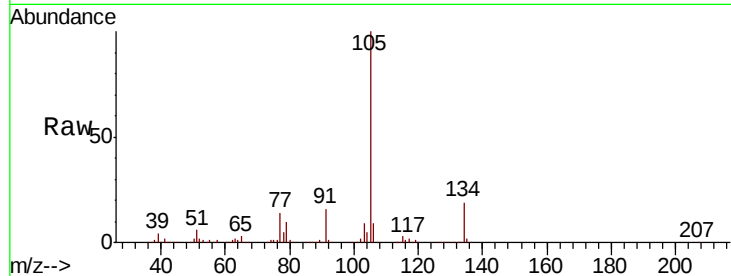




#85
 sec-Butylbenzene
 Concen: 50.741 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

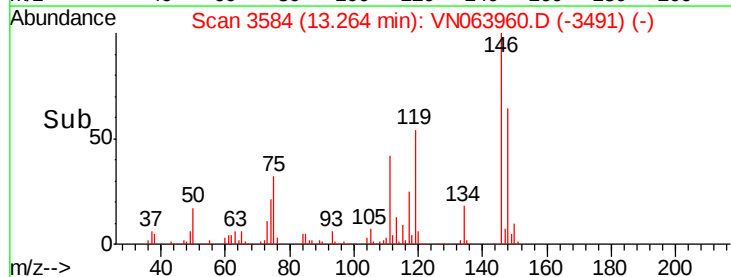
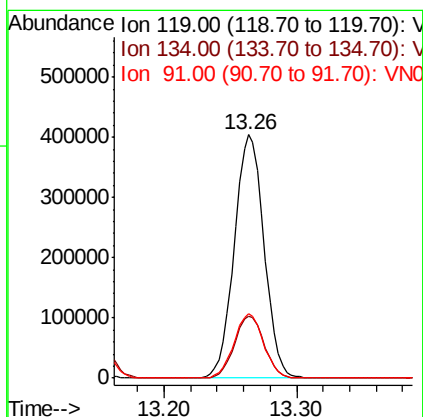
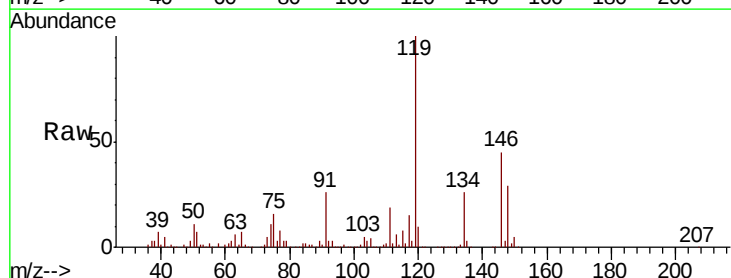
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

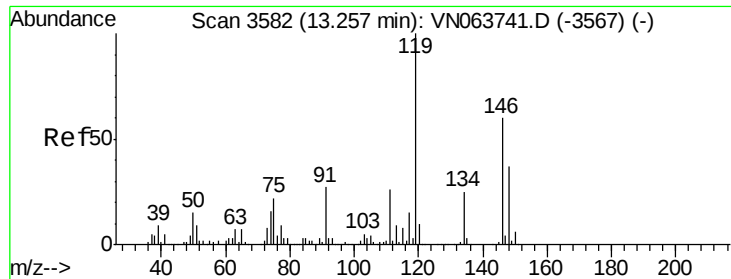
Tot Ion:105 Resp: 699892
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 51.222 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion:119 Resp: 625030
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 26.1 13.4 40.2

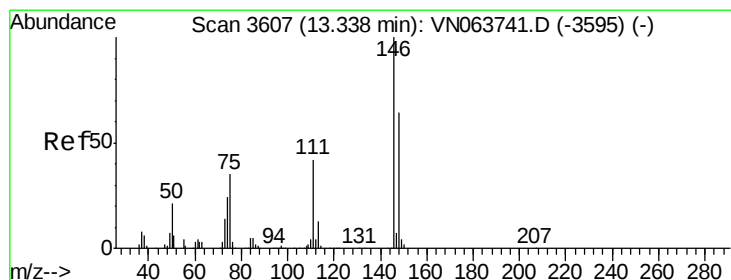
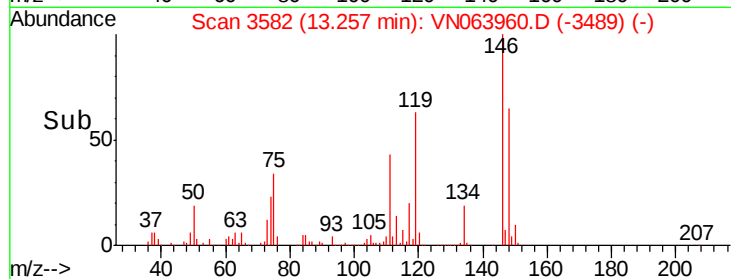
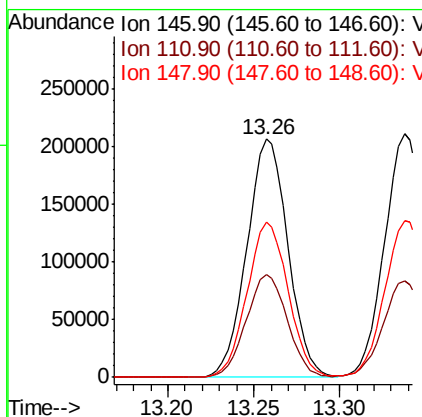
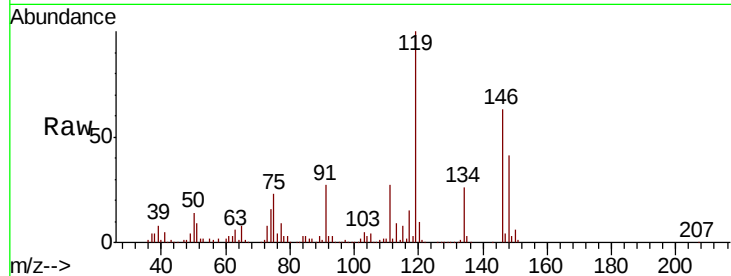




#87
 1,3-Dichlorobenzene
 Concen: 50.486 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

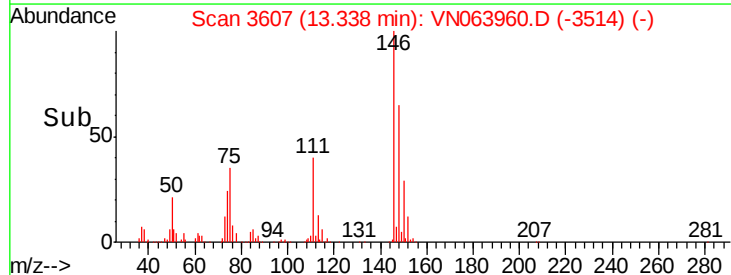
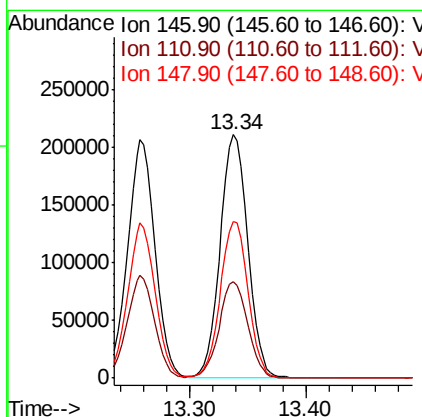
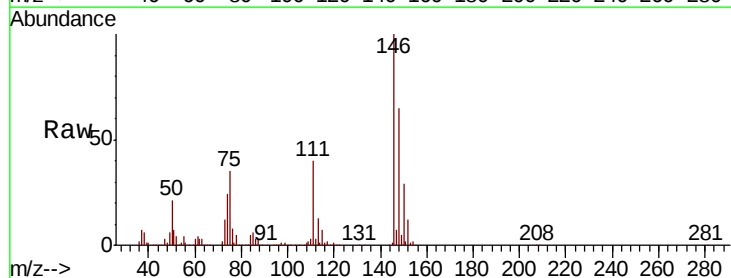
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

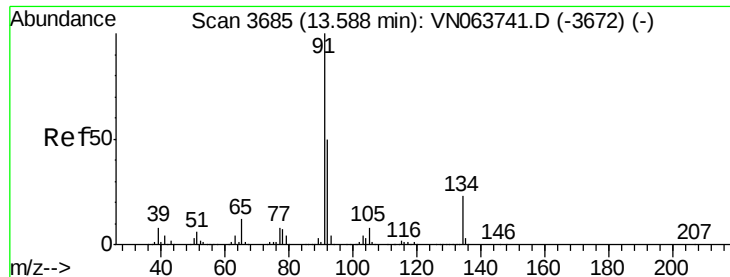
Tot Ion:146 Resp: 342970
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 65.1 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 49.361 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion:146 Resp: 349141
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 63.7
 148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 46.452 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

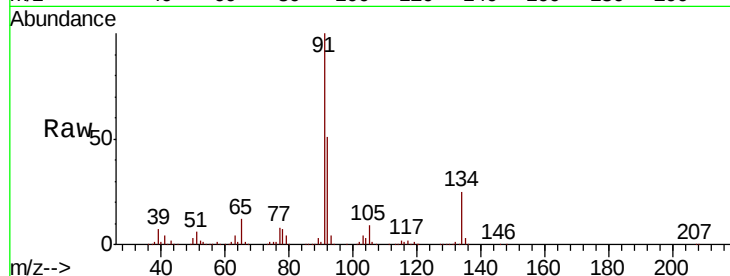
Tot Ion: 91 Resp: 523163

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

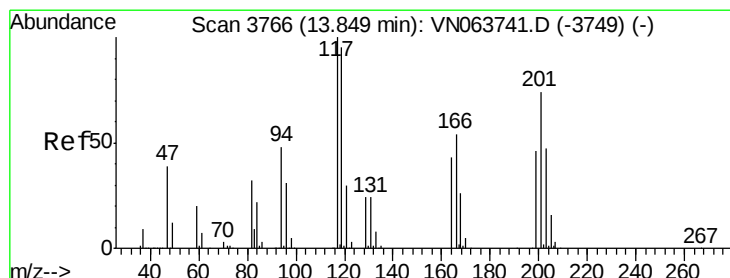
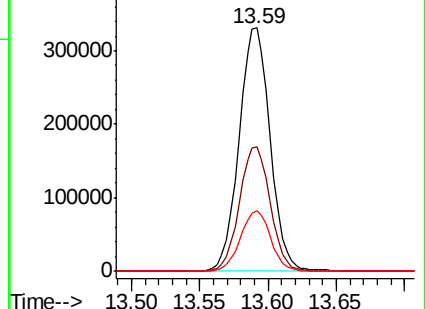
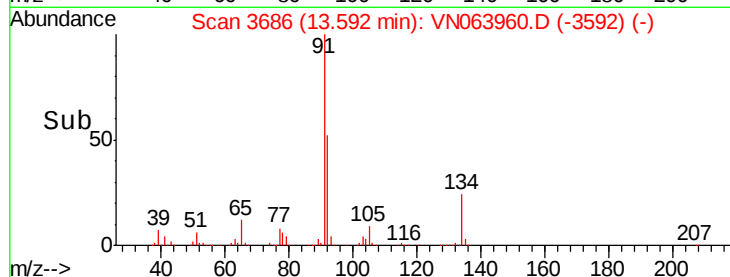
134 24.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 51.189 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063960.D

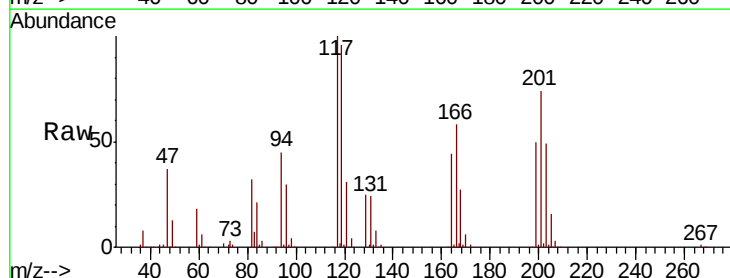
Acq: 7 Oct 2020 22:54

Tgt Ion: 117 Resp: 121038

Ion Ratio Lower Upper

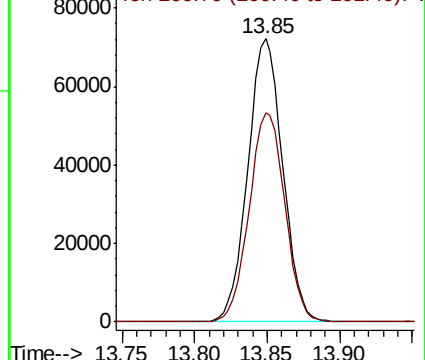
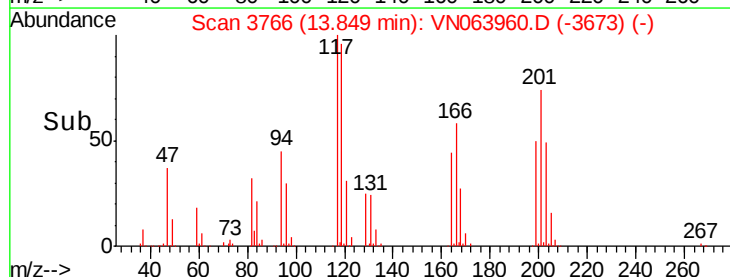
117 100

201 75.2 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

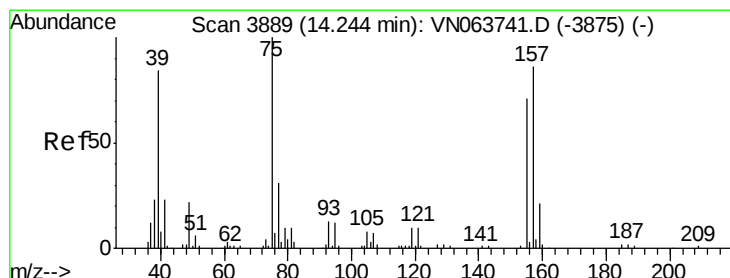
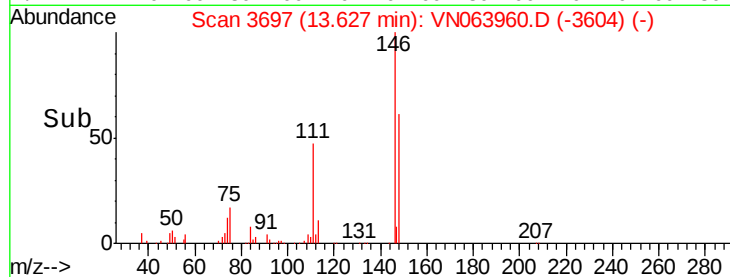
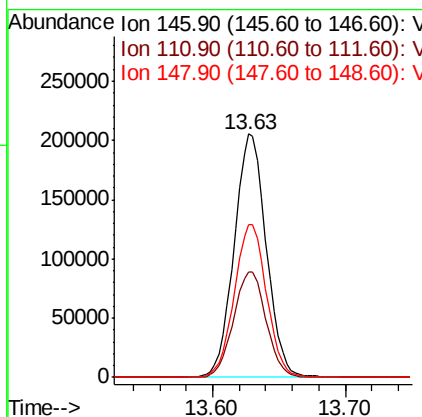
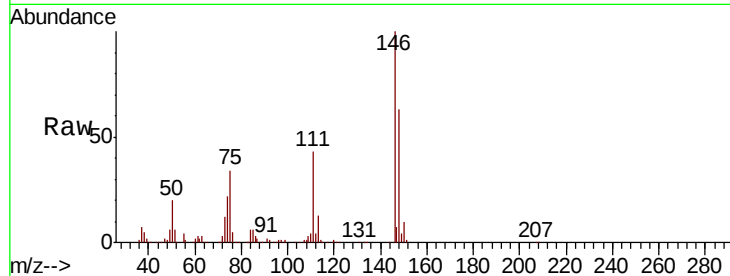




#91
 1,2-Dichlorobenzene
 Concen: 51.206 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

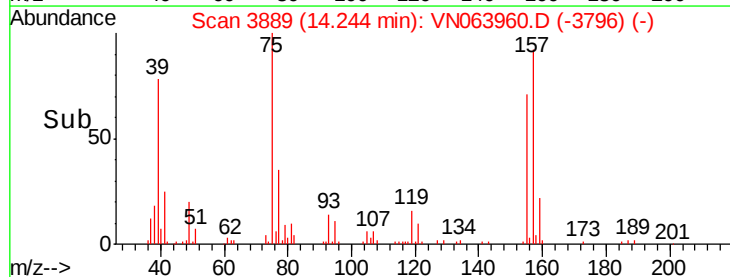
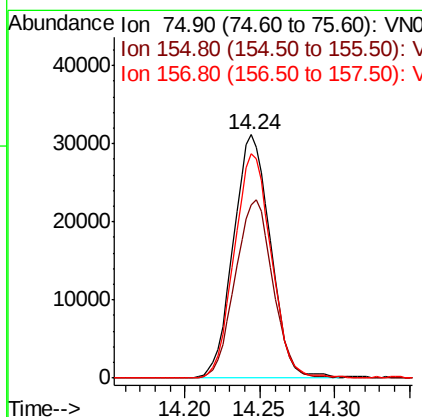
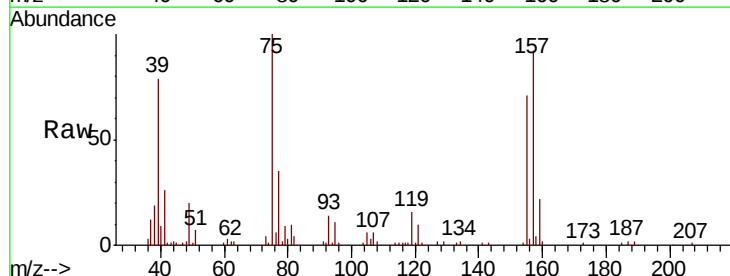
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

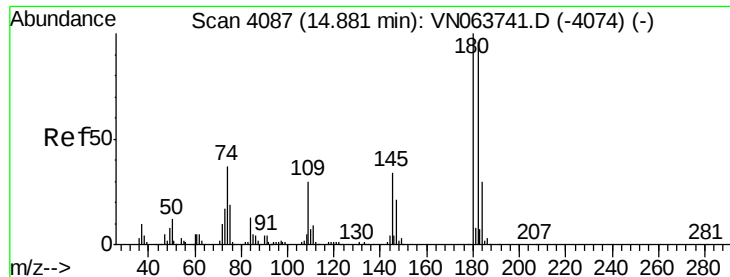
Tot Ion:146 Resp: 344548
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.2 66.6
 148 63.5 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.977 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion: 75 Resp: 53749
 Ion Ratio Lower Upper
 75 100
 155 74.2 34.8 104.5
 157 92.0 43.7 131.1

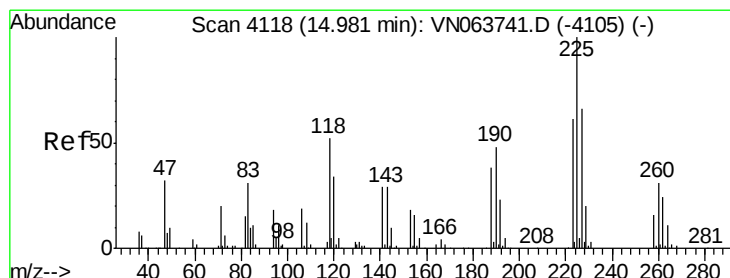
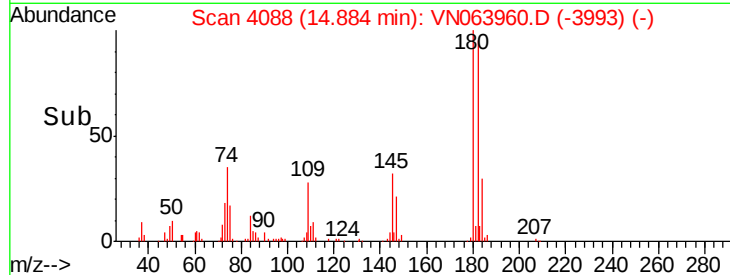
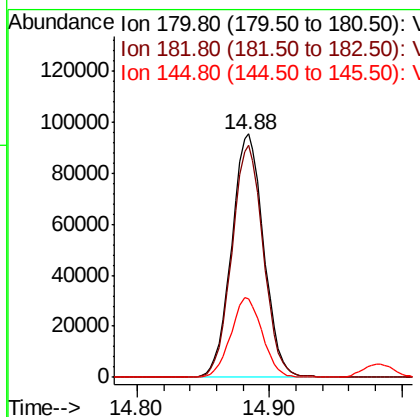
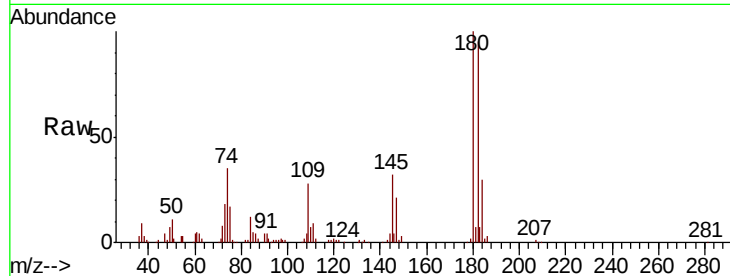




#93
 1,2,4-Trichlorobenzene
 Concen: 44.032 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

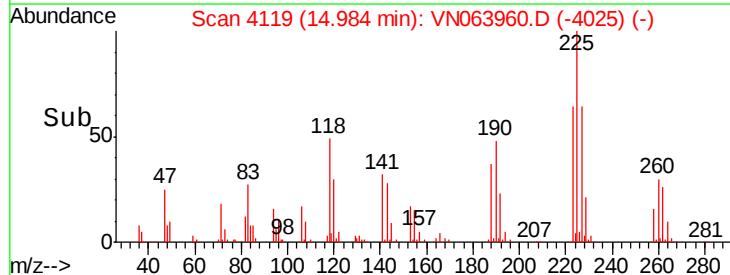
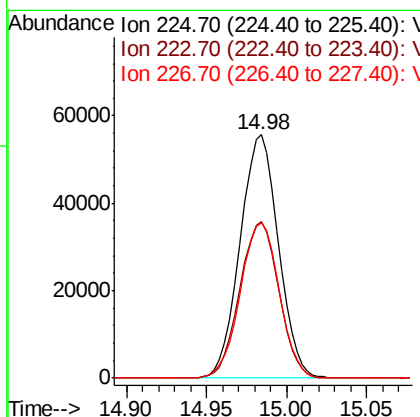
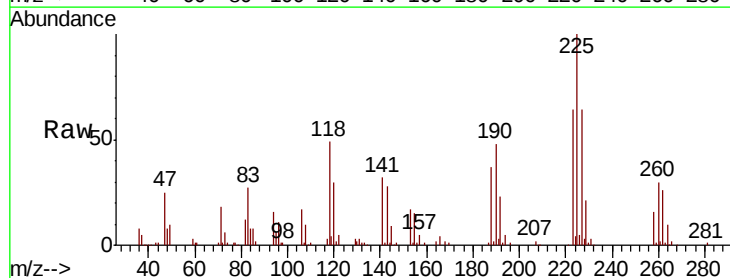
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

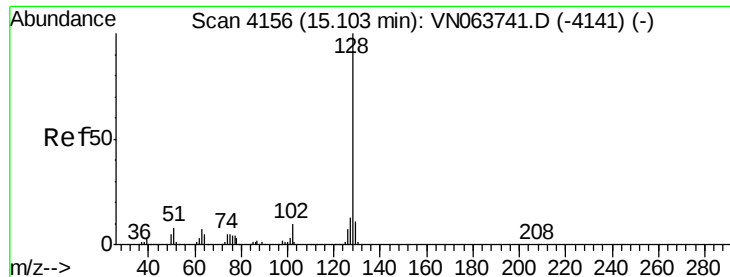
Tot Ion:180 Resp: 160316
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.2 144.6
 145 32.1 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 49.969 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063960.D
 Acq: 7 Oct 2020 22:54

Tgt Ion:225 Resp: 91161
 Ion Ratio Lower Upper
 225 100
 223 65.4 30.3 91.0
 227 64.8 31.9 95.5





#95

Naphthalene

Concen: 42.852 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

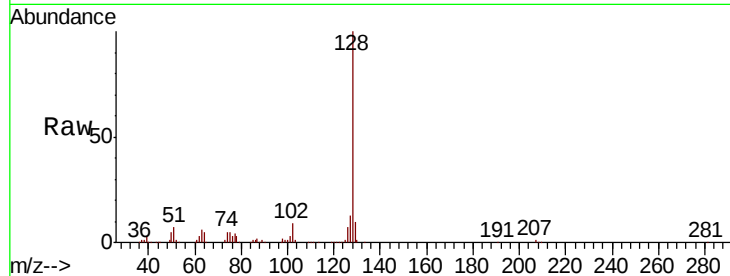
Tot Ion:128 Resp: 481876

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

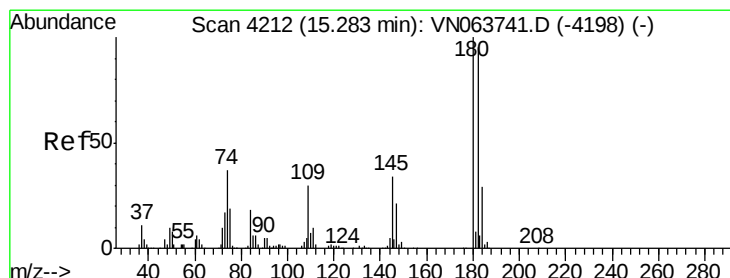
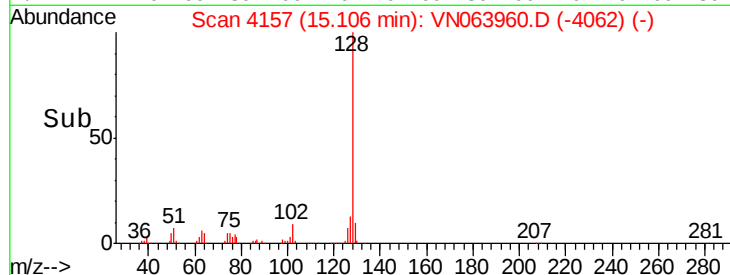
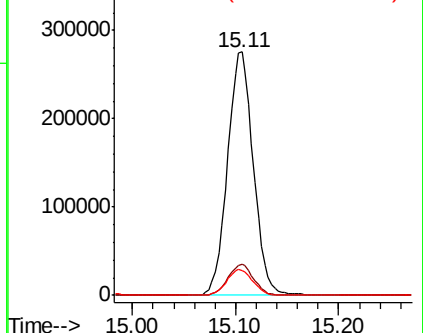
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.594 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063960.D

Acq: 7 Oct 2020 22:54

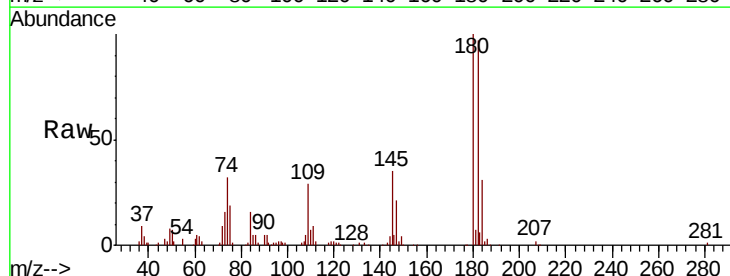
Tgt Ion:180 Resp: 157628

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.6

145 34.5 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

