

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063934.D
 Acq On : 7 Oct 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 04:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	289025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217058	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	7.55	113	151013	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	570825	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	210712	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139077	45.603	ug/l	100
3) Chloromethane	2.04	50	156833	43.828	ug/l	99
4) Vinyl Chloride	2.16	62	159583	44.428	ug/l	97
5) Bromomethane	2.53	94	93340	41.313	ug/l	99
6) Chloroethane	2.67	64	102389	47.703	ug/l	99
7) Trichlorofluoromethane	2.98	101	264103	46.360	ug/l	99
8) Diethyl Ether	3.37	74	88409	45.888	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143810	47.230	ug/l	97
10) Methyl Iodide	3.91	142	167088	47.261	ug/l	100
11) Tert butyl alcohol	4.73	59	129200	245.085	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132413	45.496	ug/l	99
13) Acrolein	3.57	56	69383	214.447	ug/l	97
14) Allyl chloride	4.28	41	266435	49.276	ug/l	92
15) Acrylonitrile	4.93	53	379353	251.398	ug/l	98
16) Acetone	3.77	43	375191	255.255	ug/l	95
17) Carbon Disulfide	4.01	76	353168	44.968	ug/l	100
18) Methyl Acetate	4.28	43	198975	52.137	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	502499	47.523	ug/l	100
20) Methylene Chloride	4.50	84	163648	48.610	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147442	45.228	ug/l	97
22) Diisopropyl ether	5.90	45	583767	52.475	ug/l	97
23) Vinyl Acetate	5.84	43	2354460	255.499	ug/l	99
24) 1,1-Dichloroethane	5.80	63	305442	48.020	ug/l	98
25) 2-Butanone	6.78	43	557743	267.643	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273790	47.003	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176133	46.978	ug/l	97
28) Bromochloromethane	7.15	49	152066	48.370	ug/l	99
29) Tetrahydrofuran	7.16	42	367616	263.022	ug/l	96
30) Chloroform	7.33	83	323309	48.748	ug/l	96
31) Cyclohexane	7.61	56	249555	45.018	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	290506	48.563	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227498	50.570	ug/l	99
37) Ethyl Acetate	6.88	43	231974	51.902	ug/l	98
38) Carbon Tetrachloride	7.73	117	256947	50.936	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216307	48.216	ug/l	98
40) Benzene	8.00	78	649335	50.535	ug/l	99
41) Methacrylonitrile	7.16	41	346707	174.539	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	282129	51.437	ug/l	98
43) Isopropyl Acetate	8.13	43	398213	54.015	ug/l #	91
44) Trichloroethene	8.80	130	169218	50.262	ug/l	96
45) 1,2-Dichloropropane	9.08	63	182185	52.500	ug/l	99
46) Dibromomethane	9.17	93	120819	50.469	ug/l	100
47) Bromodichloromethane	9.37	83	257812	52.255	ug/l	100
48) Methyl methacrylate	9.16	41	202746	55.664	ug/l	92
49) 1,4-Dioxane	9.16	88	51199	989.054	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1224272	282.980	ug/l	99
52) Toluene	10.13	92	416845	52.448	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	278381	52.638	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	291646	52.729	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	169101	53.054	ug/l	98
56) Ethyl methacrylate	10.40	69	249225	55.164	ug/l	98
57) 1,3-Dichloropropane	10.68	76	281919	52.281	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	658361	272.425	ug/l	99
59) 2-Hexanone	10.72	43	891794	277.482	ug/l	100
60) Dibromochloromethane	10.87	129	194589	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174487	53.517	ug/l	100
64) Tetrachloroethene	10.60	164	158716	48.971	ug/l	99
65) Chlorobenzene	11.41	112	441573	51.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	175868	53.383	ug/l	100
67) Ethyl Benzene	11.48	91	823447	52.661	ug/l	98
68) m/p-Xylenes	11.60	106	612794	105.151	ug/l	99
69) o-Xylene	11.92	106	287945	52.863	ug/l	99
70) Styrene	11.94	104	510309	55.191	ug/l	98
71) Bromoform	12.10	173	133632	53.037	ug/l #	99
73) Isopropylbenzene	12.22	105	782658	51.048	ug/l	99
74) N-amyl acetate	12.05	43	353989	49.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	241474	51.506	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	334275	72.141	ug/l #	100
77) Bromobenzene	12.50	156	194132	51.603	ug/l	99
78) n-propylbenzene	12.57	91	911216	51.068	ug/l	100
79) 2-Chlorotoluene	12.65	91	565254	51.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	668966	52.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83013	51.599	ug/l	98
82) 4-Chlorotoluene	12.75	91	596062	52.323	ug/l	100
83) tert-Butylbenzene	12.97	119	534766	50.827	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	668741	52.074	ug/l	98
85) sec-Butylbenzene	13.15	105	698842	50.571	ug/l	100
86) p-Isopropyltoluene	13.26	119	638997	52.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	347666	51.082	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	348672	49.202	ug/l	99
89) n-Butylbenzene	13.59	91	555330	49.217	ug/l	99
90) Hexachloroethane	13.85	117	118378	49.971	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	348986	51.769	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52530	47.777	ug/l	94

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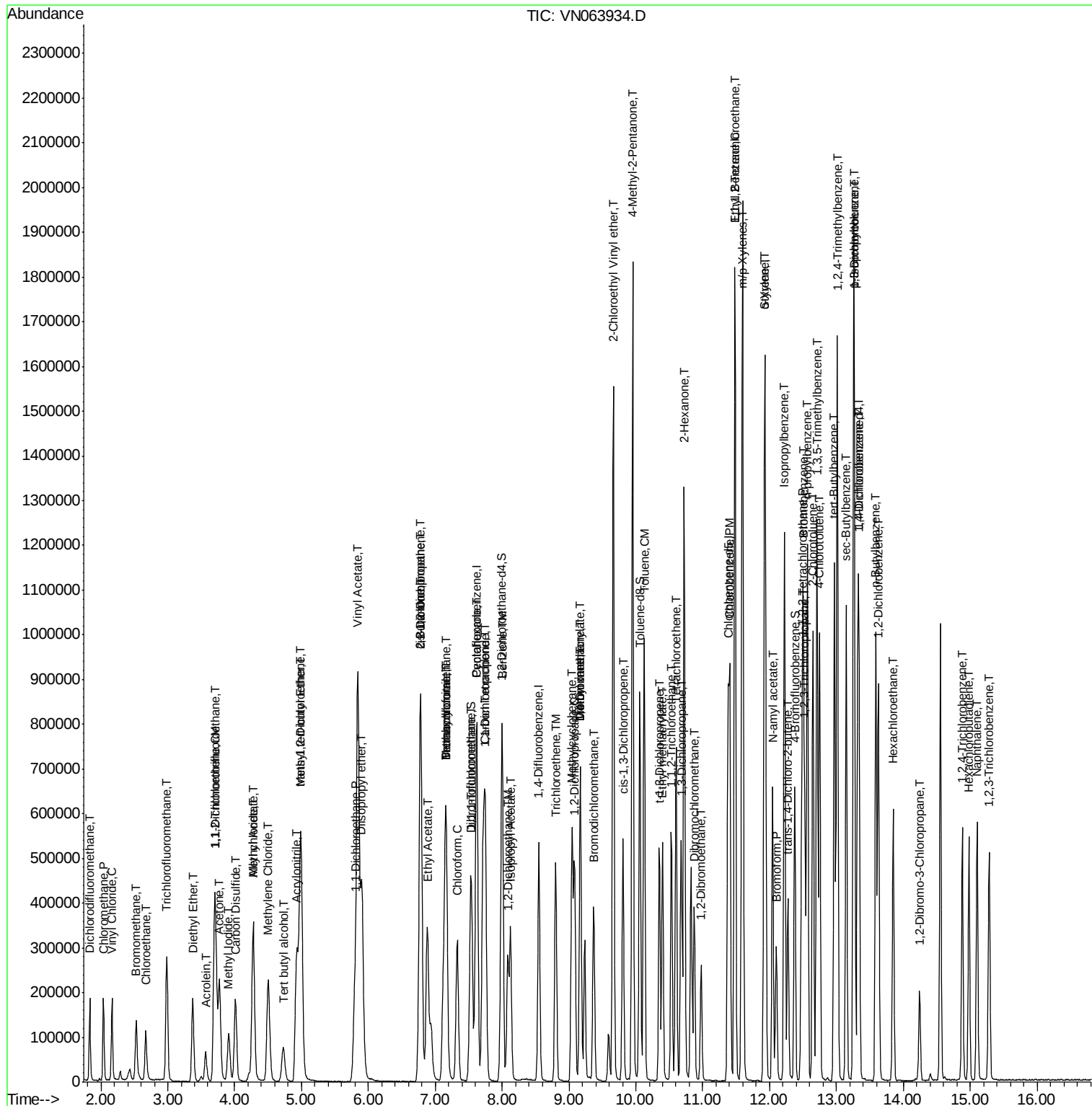
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165918	45.428	ug/l	98
94) Hexachlorobutadiene	14.98	225	98920	54.115	ug/l	97
95) Naphthalene	15.10	128	479016	42.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160766	45.369	ug/l	99

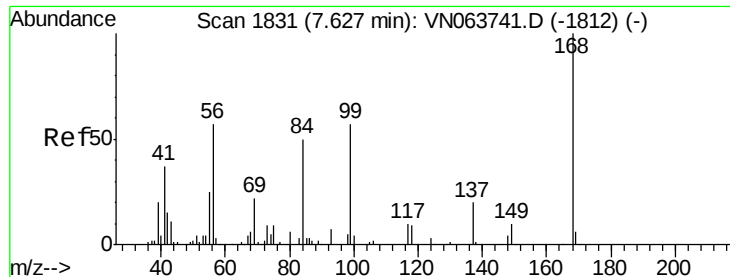
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063934.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

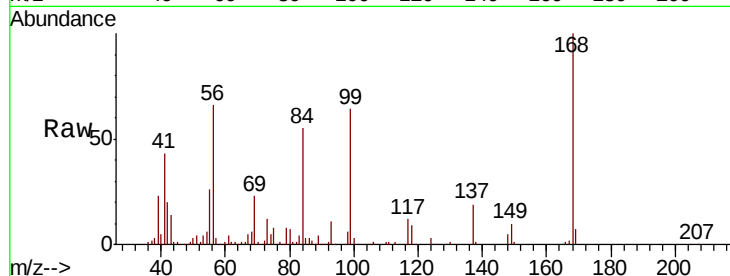
VSTDCCC050

Tot Ion:168 Resp: 289025

Ion Ratio Lower Upper

168 100

99 64.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

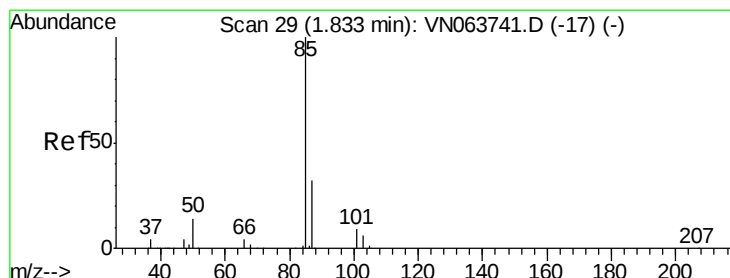
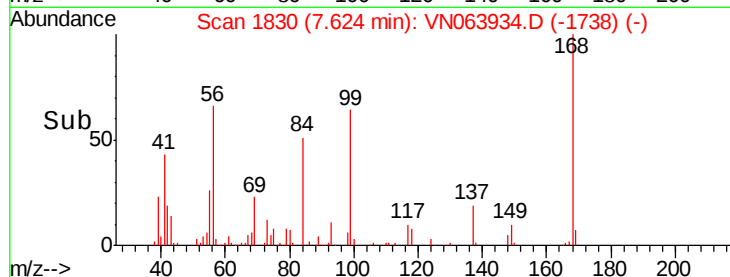
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.603 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063934.D

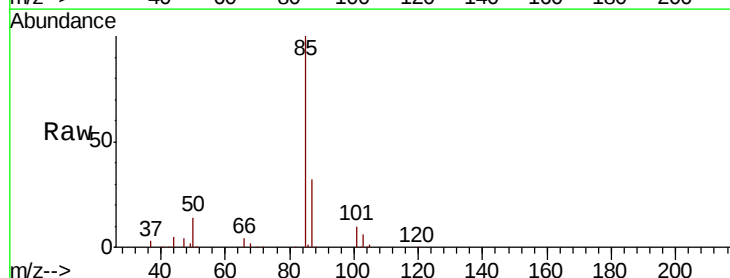
Acq: 7 Oct 2020 10:21

Tgt Ion: 85 Resp: 139077

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

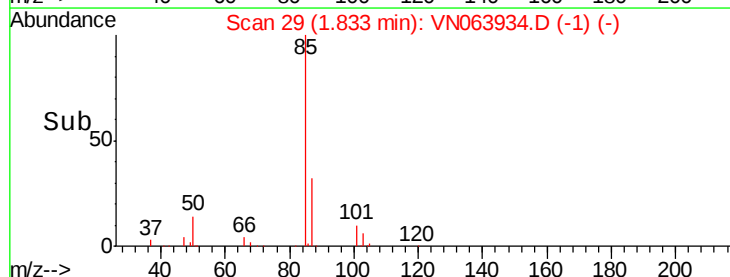
60000

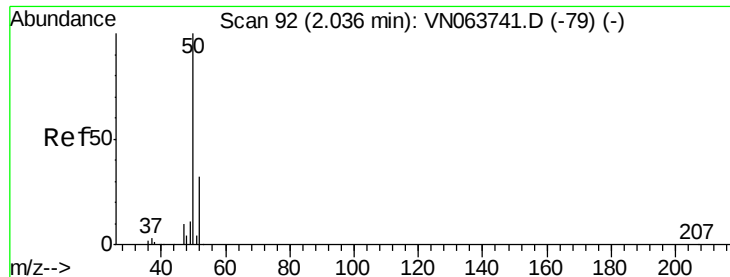
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.828 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

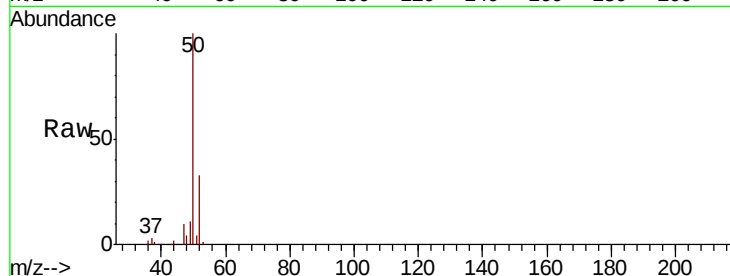
VSTDCCC050

Tot Ion: 50 Resp: 156833

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN063934.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063934.D (-1) (-)

2.04

120000

100000

80000

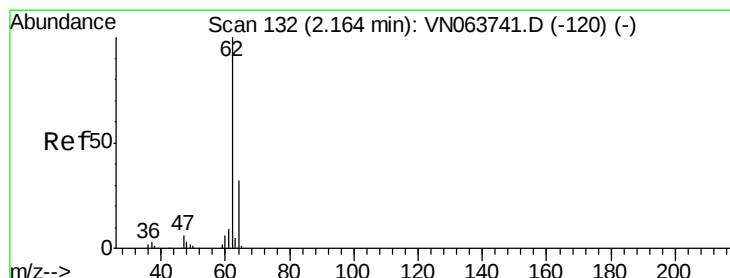
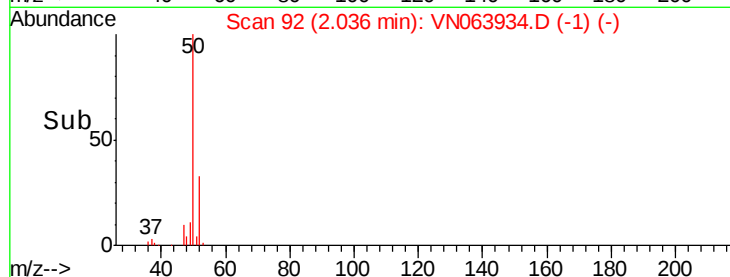
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.428 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063934.D

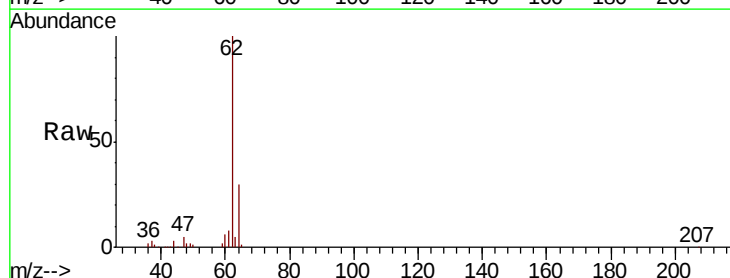
Acq: 7 Oct 2020 10:21

Tgt Ion: 62 Resp: 159583

Ion Ratio Lower Upper

62 100

64 30.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN063934.D (-39) (-)

Ion 63.90 (63.60 to 64.60): VN063934.D (-39) (-)

2.16

120000

100000

80000

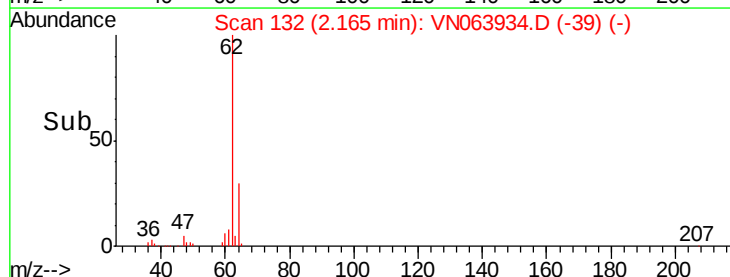
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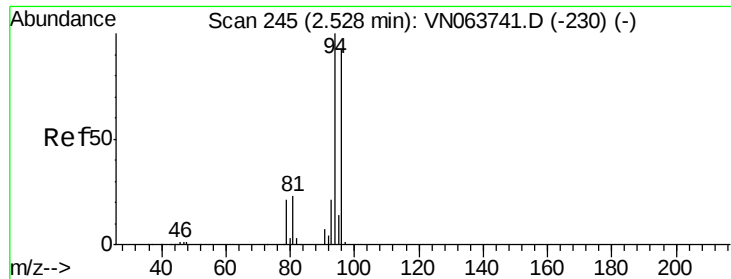
40000

20000

0

Time-->





#5

Bromomethane

Concen: 41.313 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

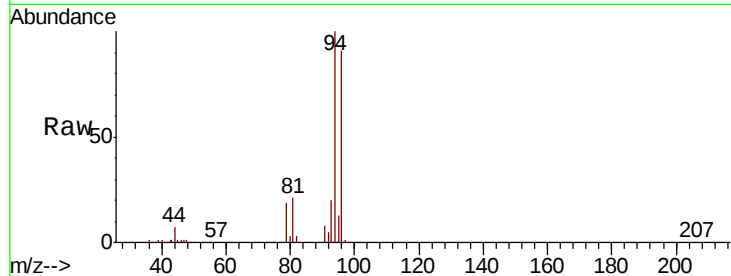
VSTDCCC050

Tot Ion: 94 Resp: 93340

Ion Ratio Lower Upper

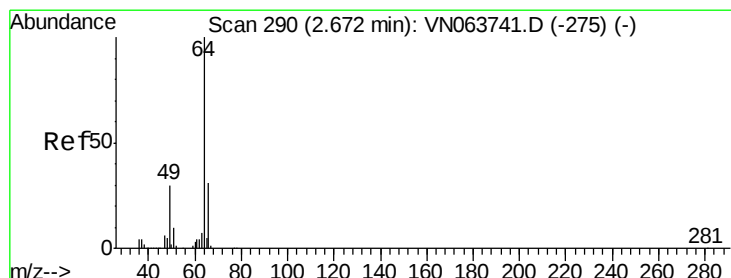
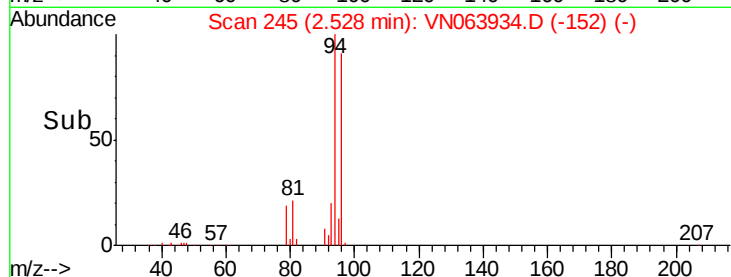
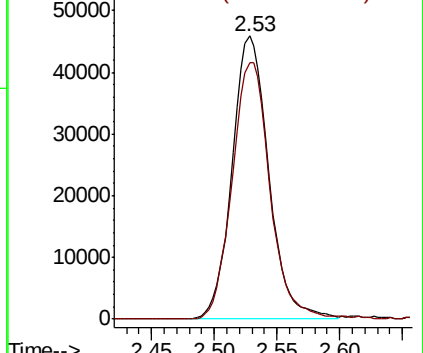
94 100

96 90.8 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.703 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063934.D

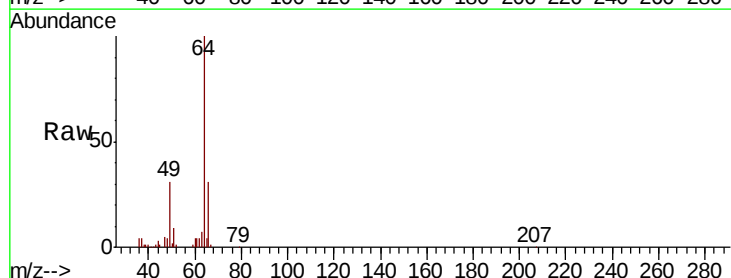
Acq: 7 Oct 2020 10:21

Tgt Ion: 64 Resp: 102389

Ion Ratio Lower Upper

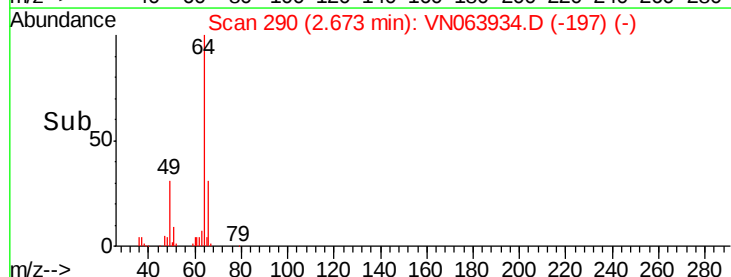
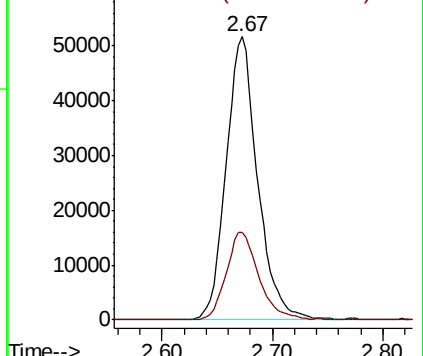
64 100

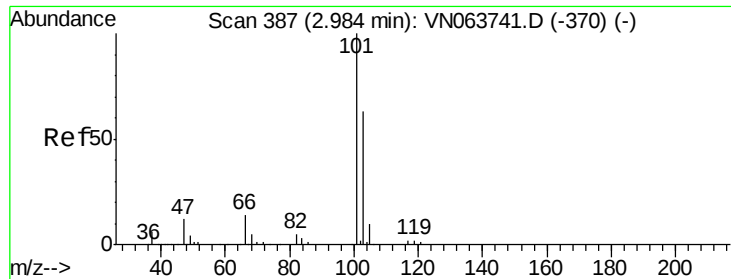
66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



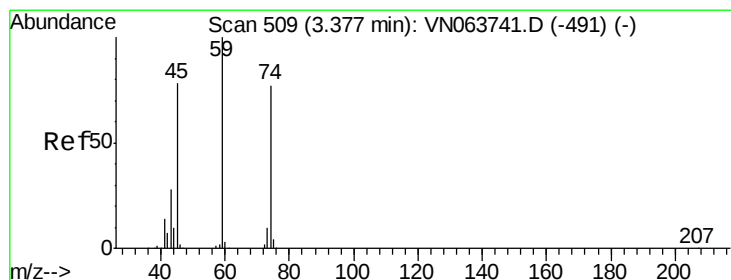
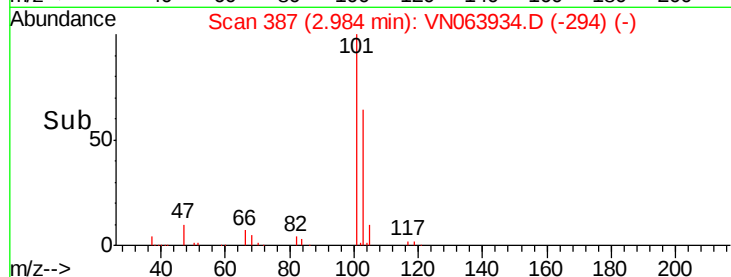
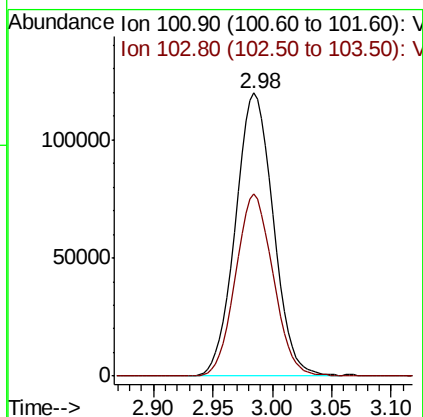
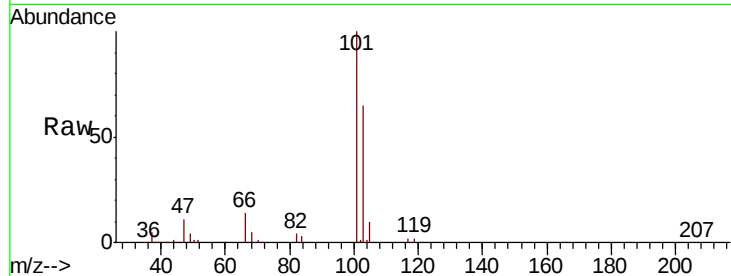


#7

Trichlorofluoromethane
 Concen: 46.360 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
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 ClientSampleId :
 VSTDCCC050

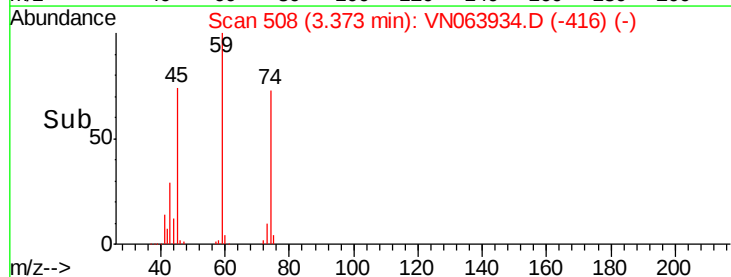
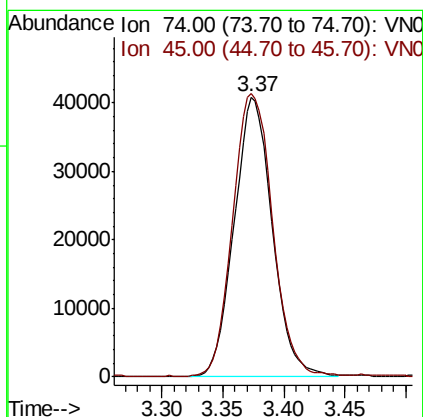
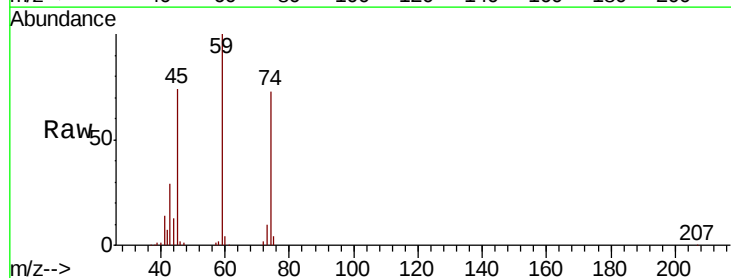
Tot Ion:101 Resp: 264103
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8

Diethyl Ether
 Concen: 45.888 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 74 Resp: 88409
 Ion Ratio Lower Upper
 74 100
 45 106.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.230 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

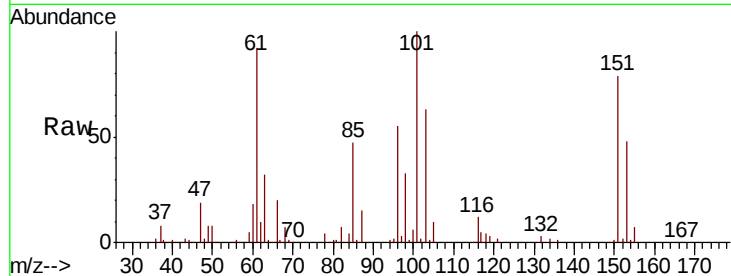
Tot Ion:101 Resp: 143810

Ion Ratio Lower Upper

101 100

85 48.4 38.6 58.0

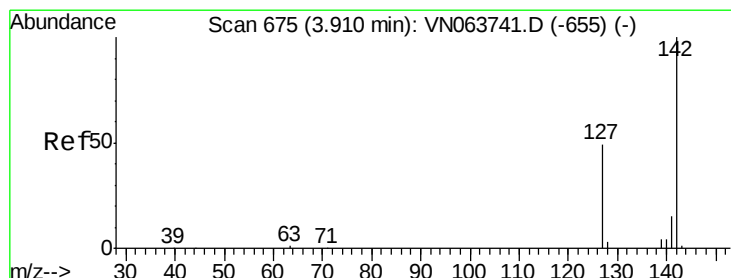
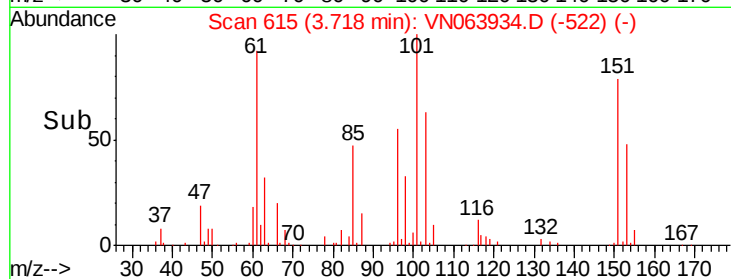
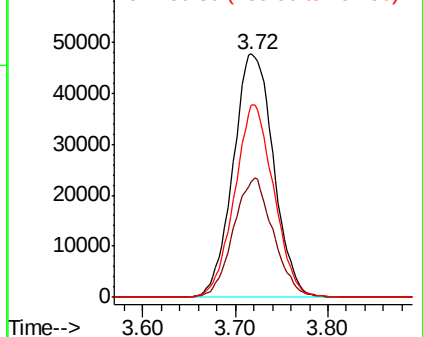
151 76.9 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.261 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

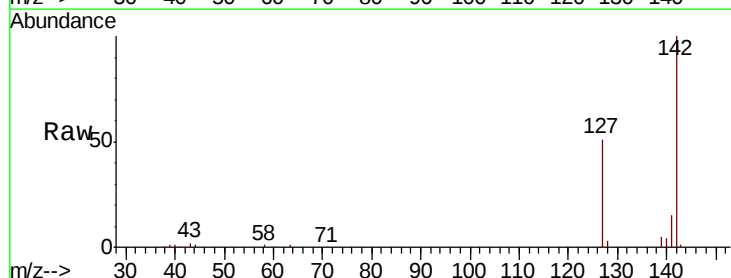
Tgt Ion:142 Resp: 167088

Ion Ratio Lower Upper

142 100

127 50.6 40.5 60.7

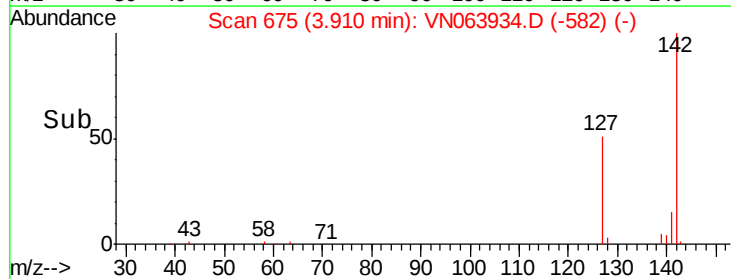
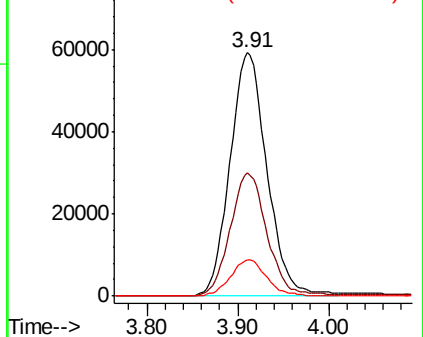
141 14.5 11.7 17.5

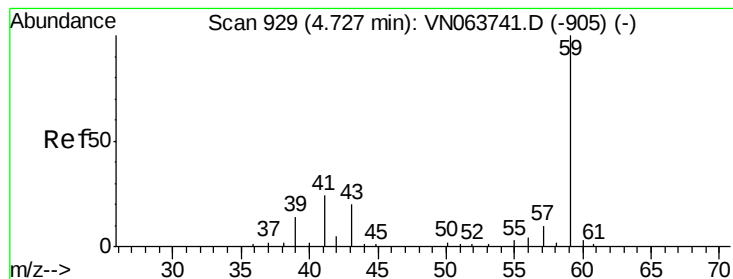


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



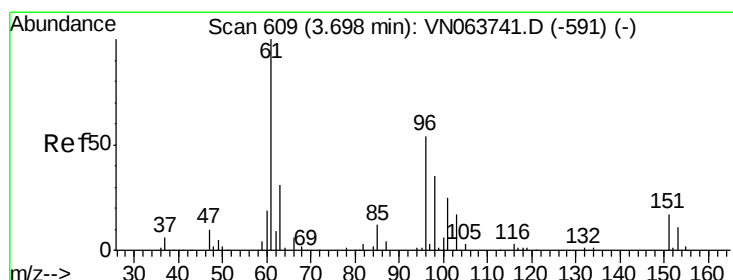
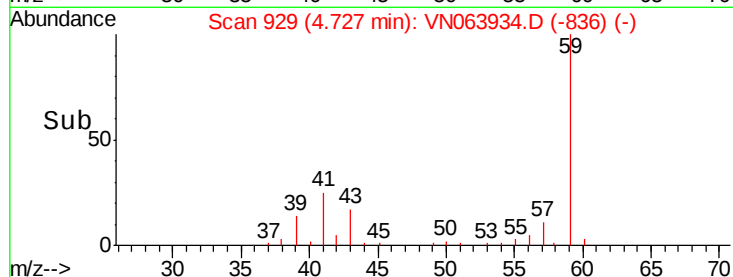
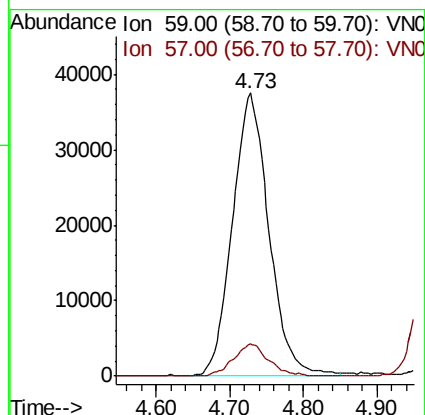
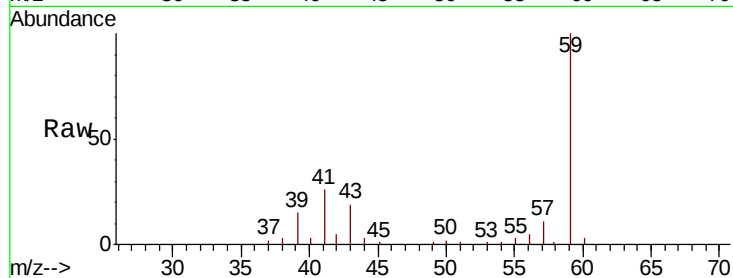


#11

Tert butyl alcohol
 Concen: 245.085 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

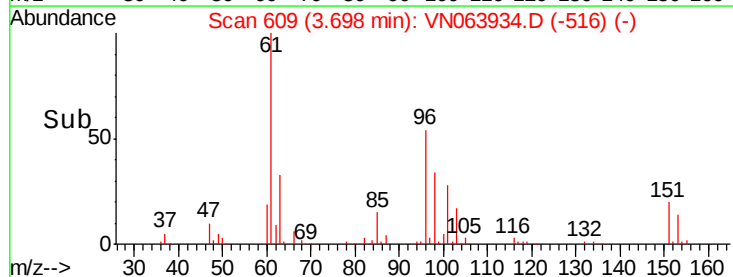
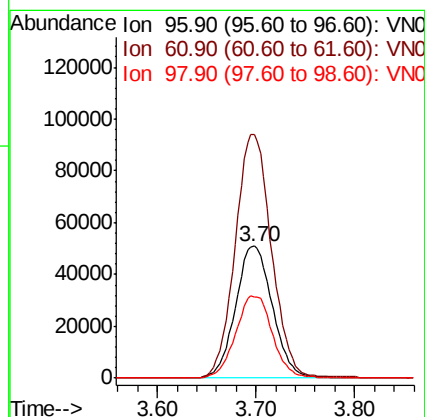
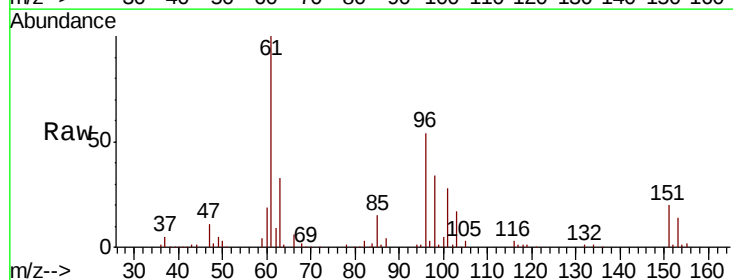
Tot Ion: 59 Resp: 129200
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1

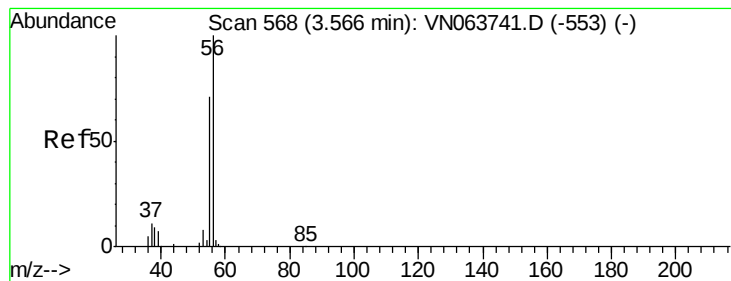


#12

1,1-Dichloroethene
 Concen: 45.496 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 96 Resp: 132413
 Ion Ratio Lower Upper
 96 100
 61 184.6 147.7 221.5
 98 61.9 51.9 77.9





#13

Acrolein

Concen: 214.447 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

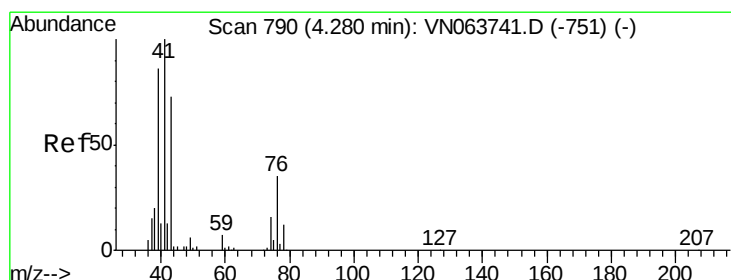
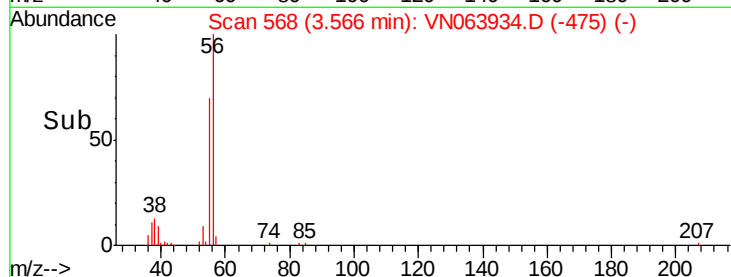
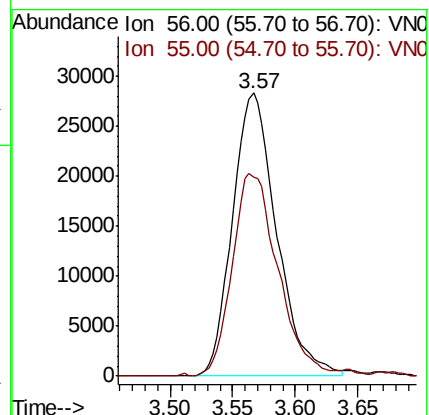
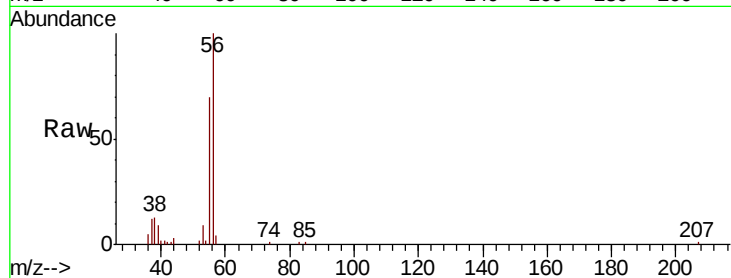
VSTDCCC050

Tot Ion: 56 Resp: 69383

Ion Ratio Lower Upper

56 100

55 73.7 56.9 85.3



#14

Allyl chloride

Concen: 49.276 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

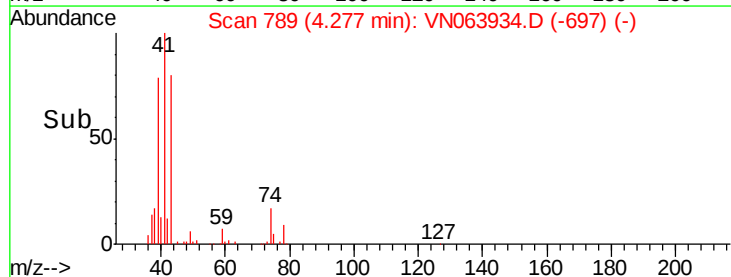
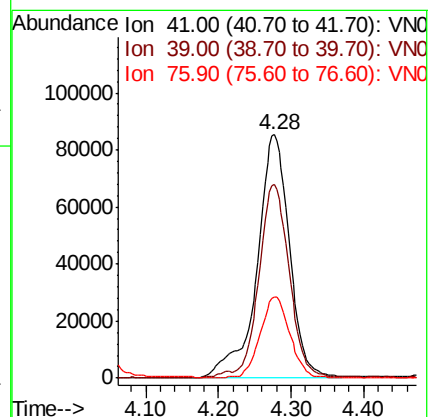
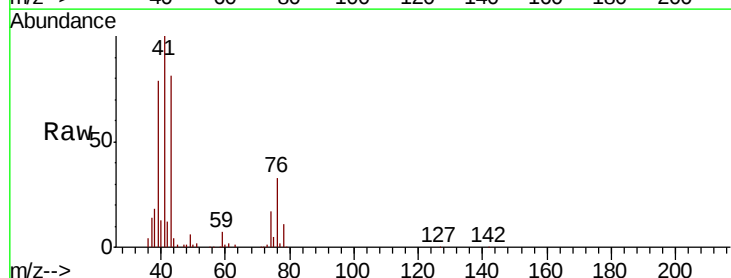
Tgt Ion: 41 Resp: 266435

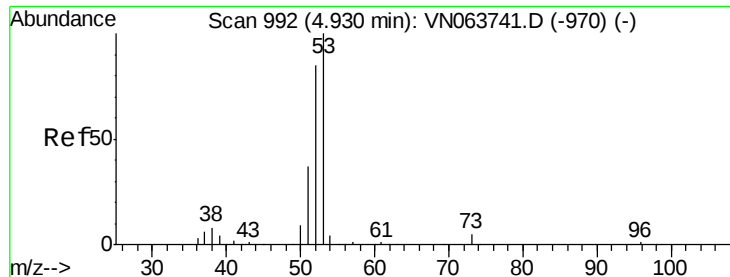
Ion Ratio Lower Upper

41 100

39 72.2 64.5 96.7

76 29.8 25.9 38.9





#15

Acrylonitrile

Concen: 251.398 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

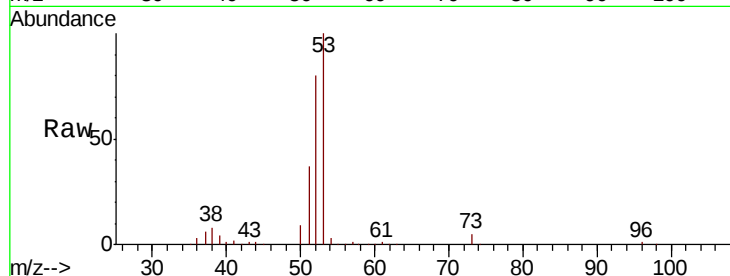
Tot Ion: 53 Resp: 379353

Ion Ratio Lower Upper

53 100

52 81.4 66.5 99.7

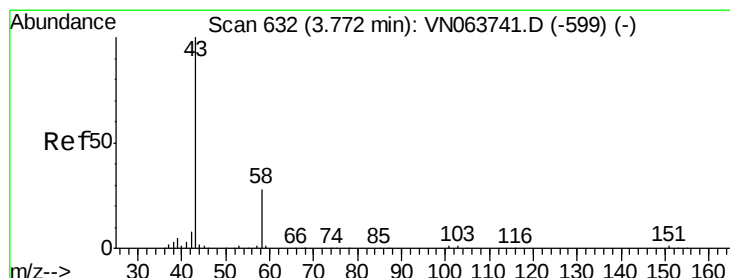
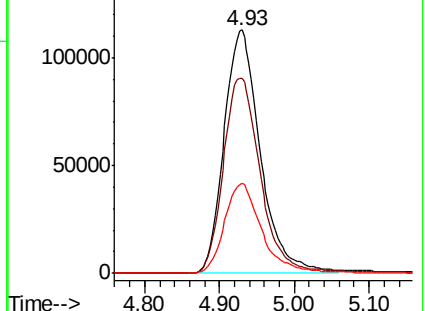
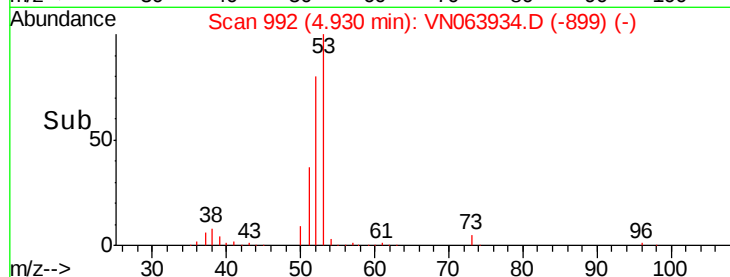
51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063934.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063934.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063934.D (-899) (-)



#16

Acetone

Concen: 255.255 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063934.D

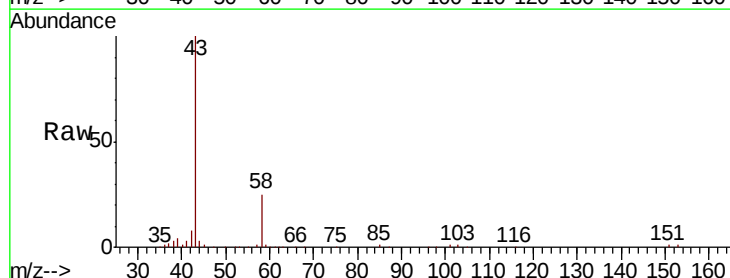
Acq: 7 Oct 2020 10:21

Tgt Ion: 43 Resp: 375191

Ion Ratio Lower Upper

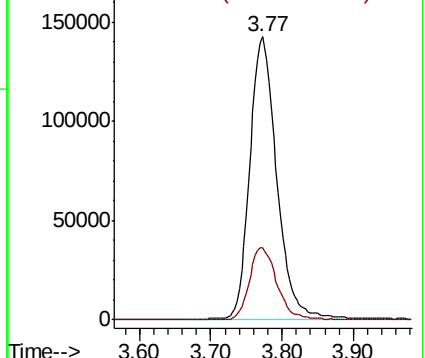
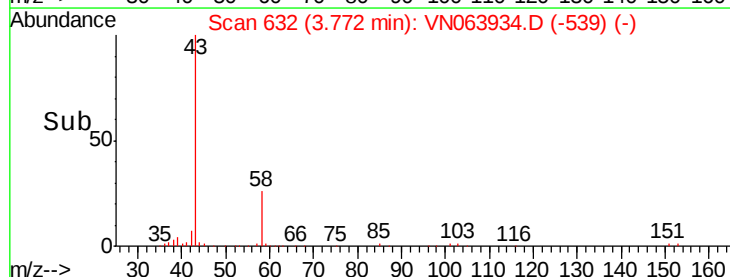
43 100

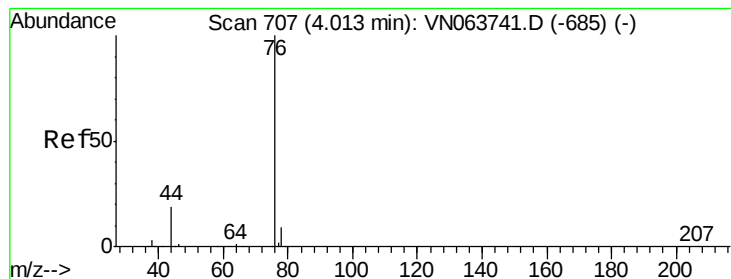
58 25.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063934.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063934.D (-539) (-)





#17

Carbon Disulfide

Concen: 44.968 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

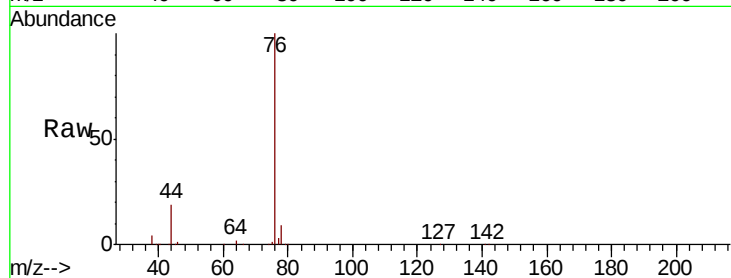
VSTDCCC050

Tot Ion: 76 Resp: 353168

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063934.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063934.D (-614) (-)

4.01

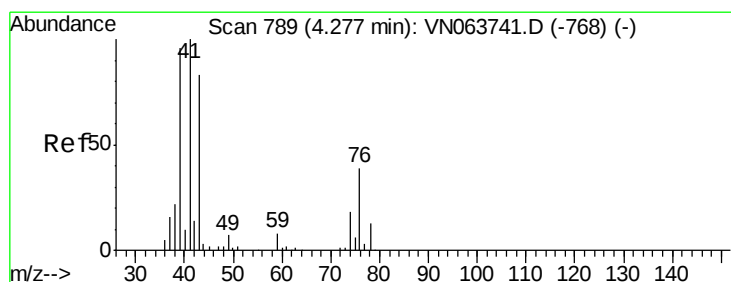
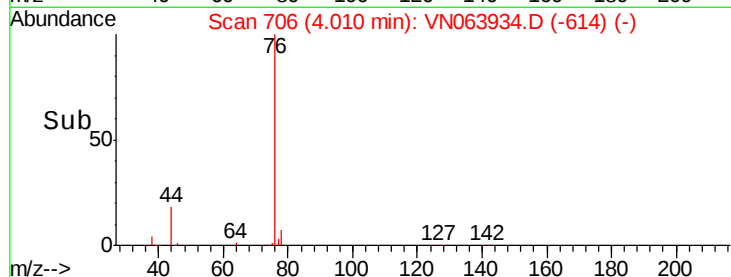
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.137 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063934.D

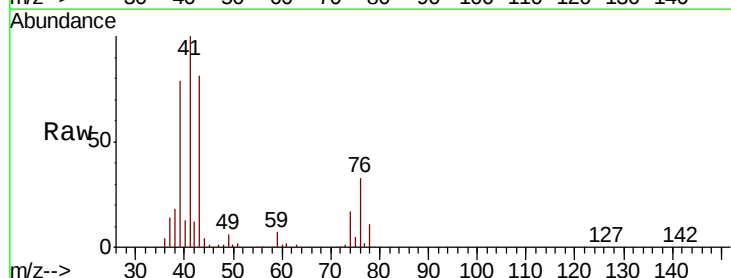
Acq: 7 Oct 2020 10:21

Tgt Ion: 43 Resp: 198975

Ion Ratio Lower Upper

43 100

74 20.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063934.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063934.D (-696) (-)

4.28

80000

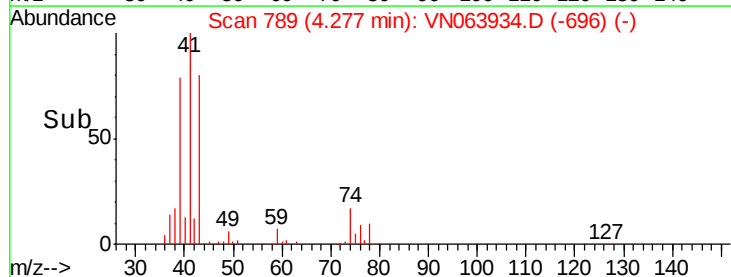
60000

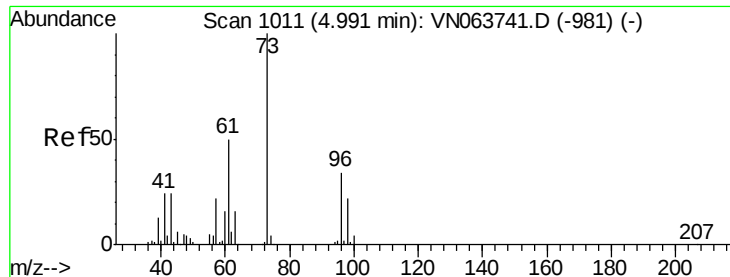
40000

20000

0

Time-->

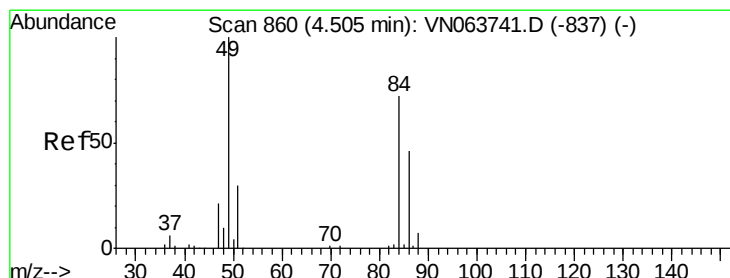
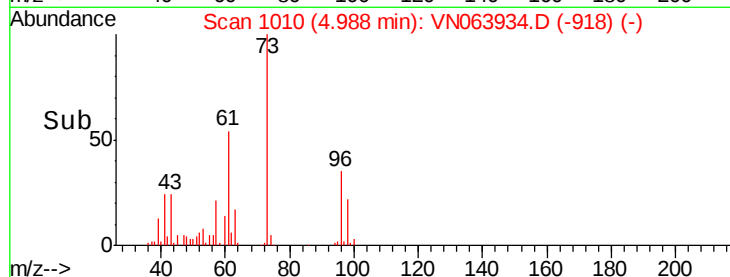
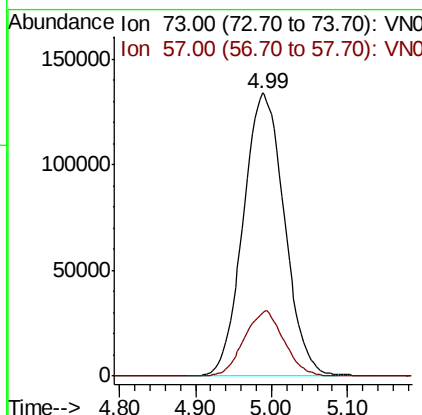
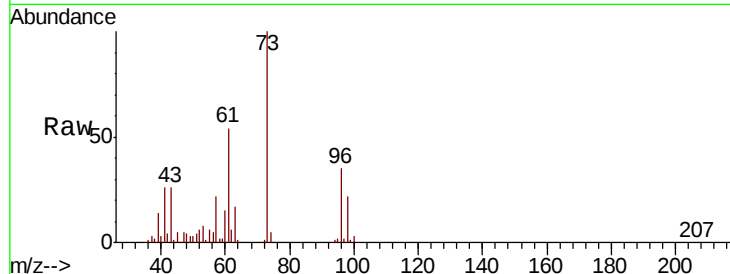




#19
Methvl tert-butvl Ether
Concen: 47.523 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

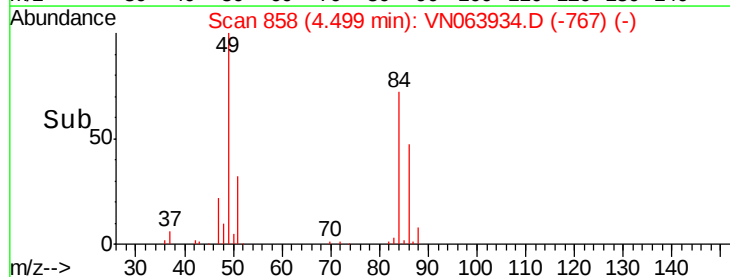
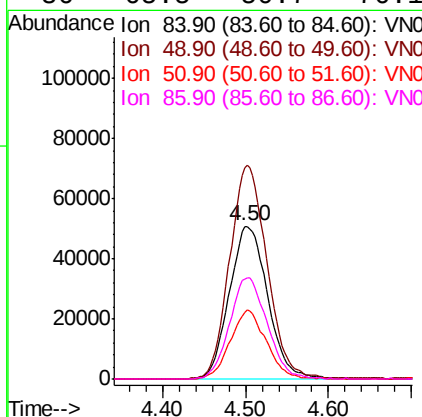
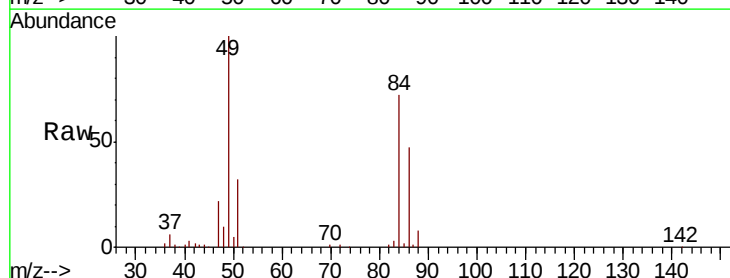
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

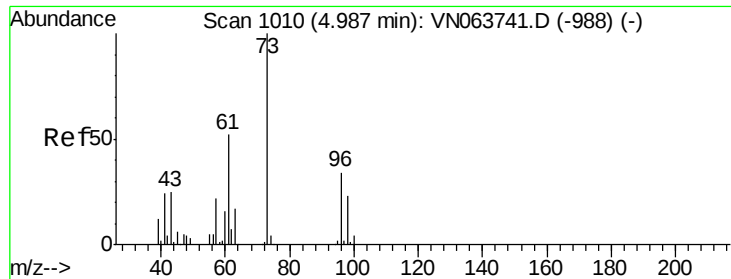
Tot Ion: 73 Resp: 502499
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 48.610 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 84 Resp: 163648
Ion Ratio Lower Upper
84 100
49 137.9 110.4 165.6
51 43.7 33.3 49.9
86 65.5 50.7 76.1

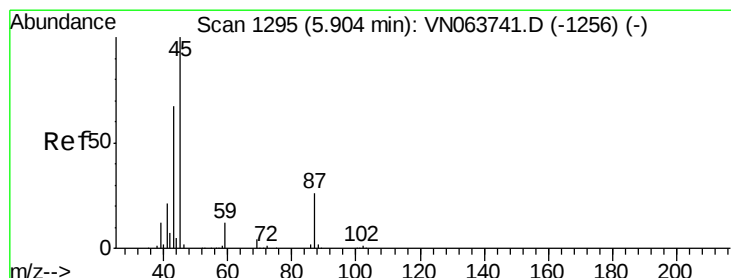
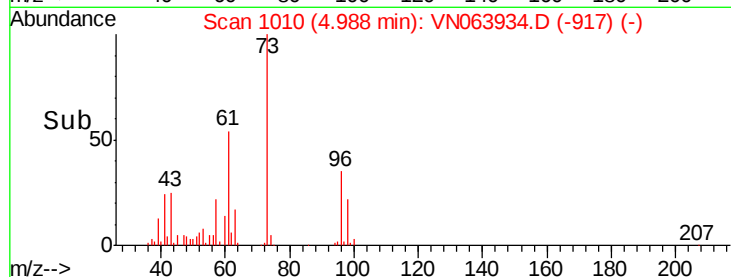
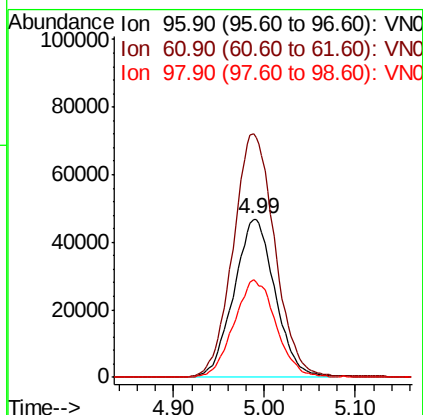
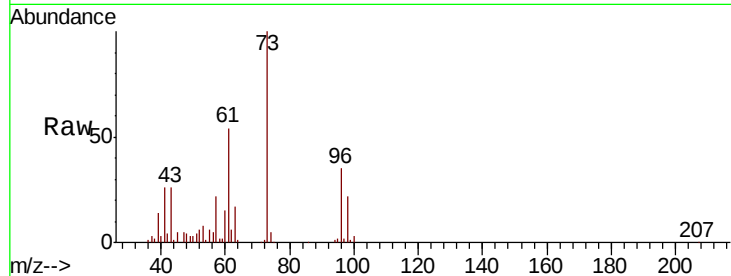




#21
trans-1,2-Dichloroethene
Concen: 45.228 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

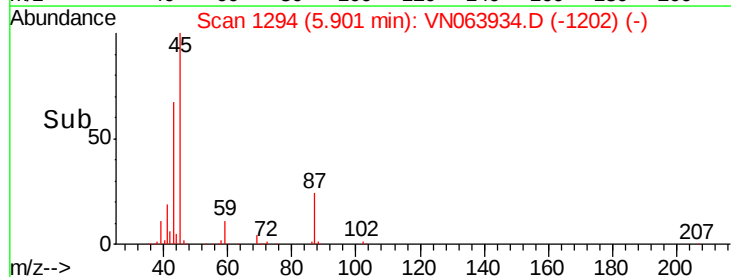
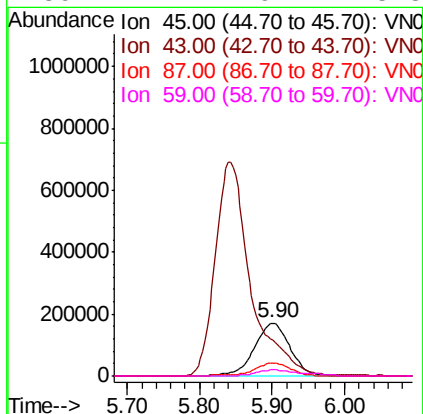
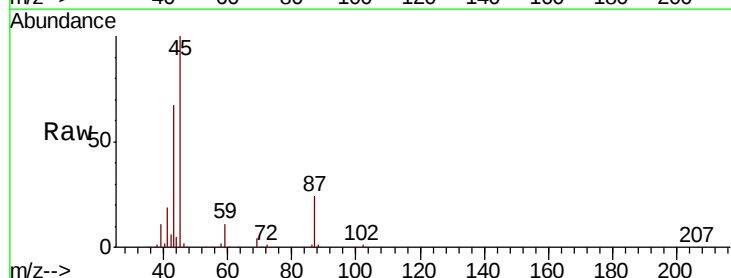
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

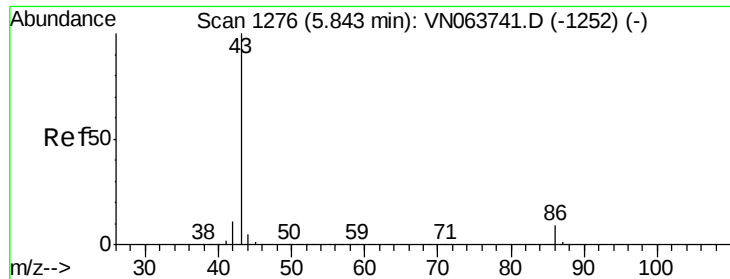
Tot Ion: 96 Resp: 147442
Ion Ratio Lower Upper
96 100
61 153.2 120.2 180.2
98 61.6 52.6 79.0



#22
Diisopropyl ether
Concen: 52.475 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 45 Resp: 583767
Ion Ratio Lower Upper
45 100
43 65.0 53.7 80.5
87 24.3 21.1 31.7
59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 255.499 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

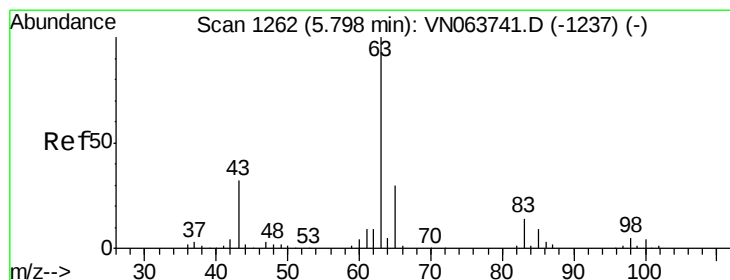
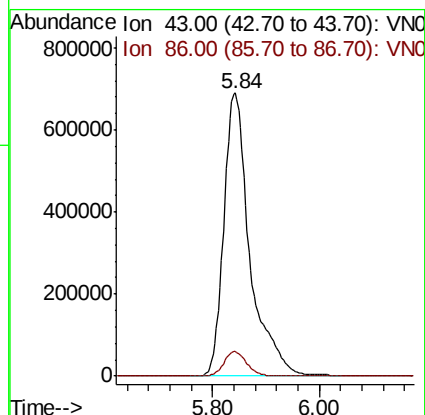
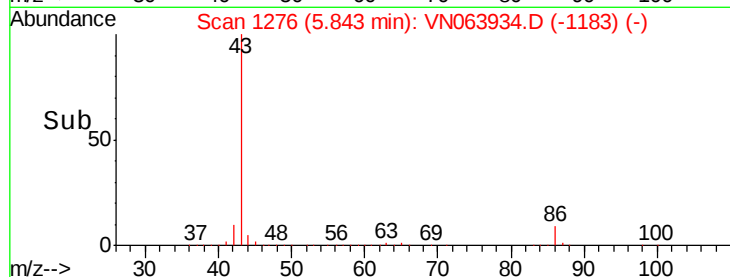
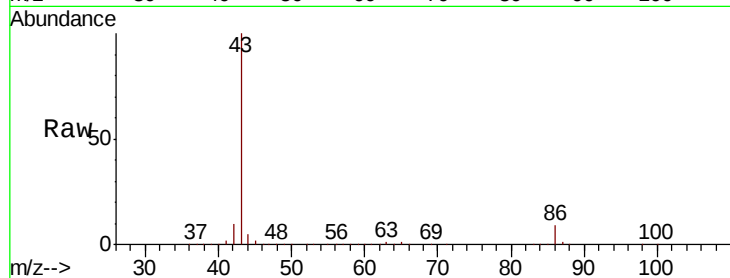
VSTDCCC050

Tot Ion: 43 Resp: 2354460

Ion Ratio Lower Upper

43 100

86 8.7 7.3 10.9



#24

1,1-Dichloroethane

Concen: 48.020 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

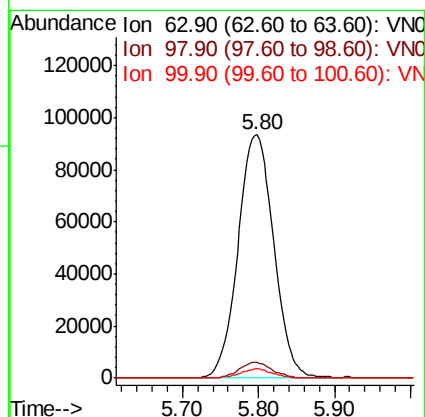
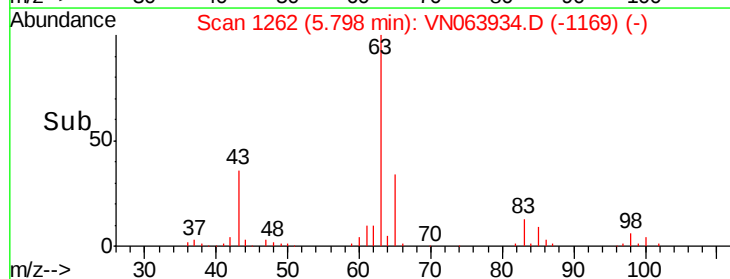
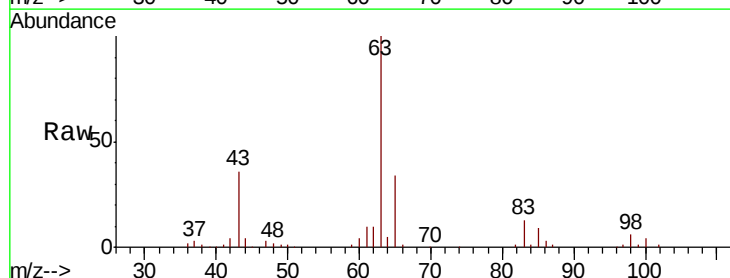
Tgt Ion: 63 Resp: 305442

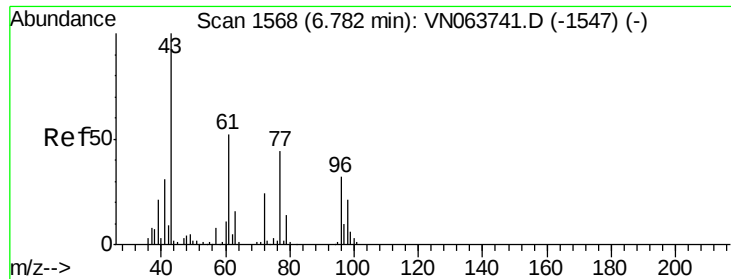
Ion Ratio Lower Upper

63 100

98 6.3 2.7 8.1

100 3.9 1.9 5.7

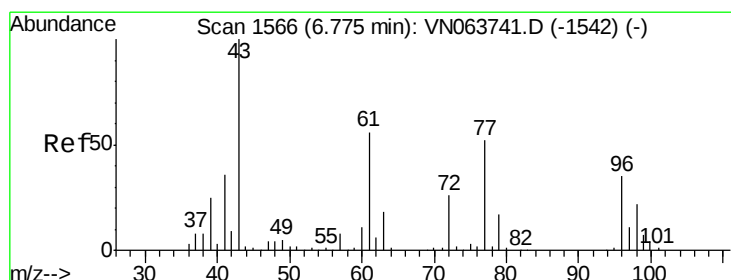
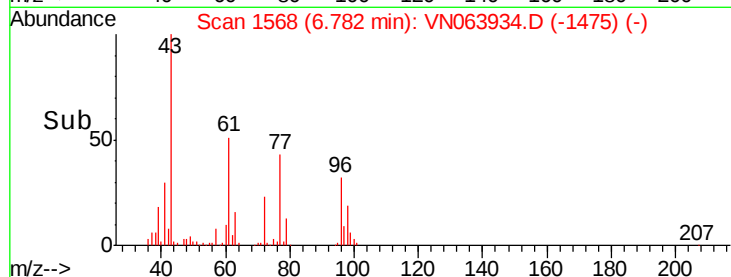
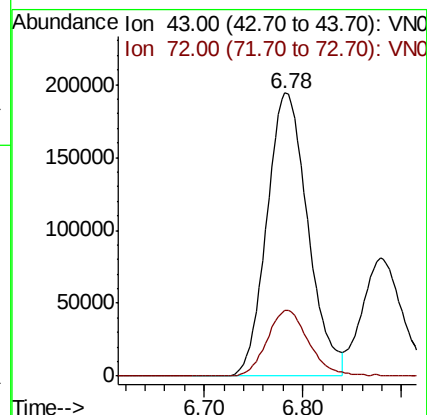
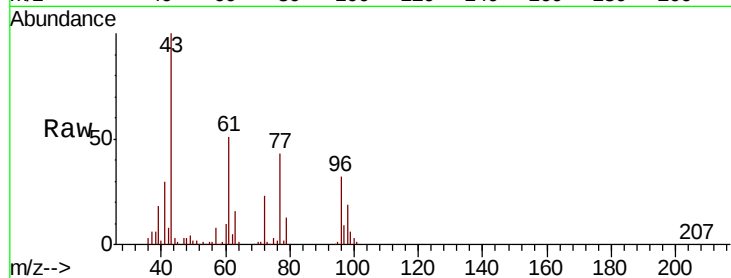




#25
2-Butanone
Concen: 267.643 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

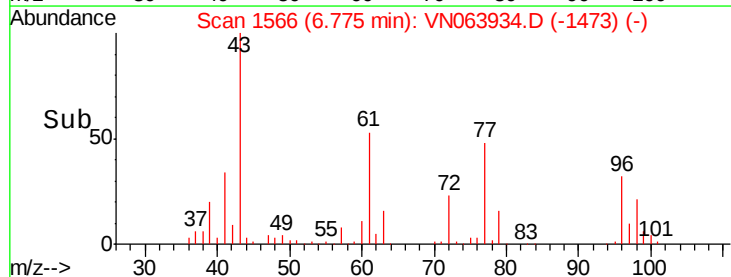
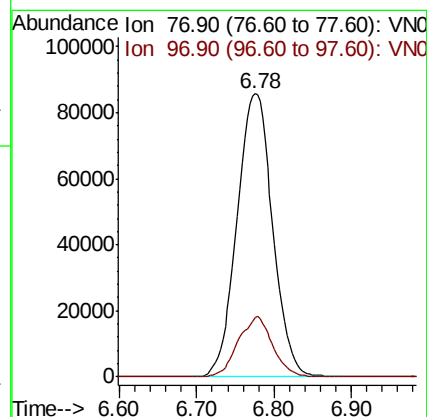
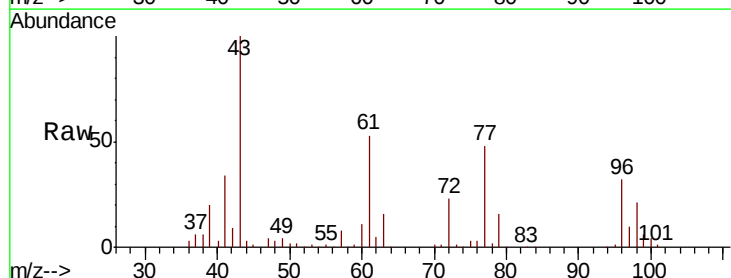
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

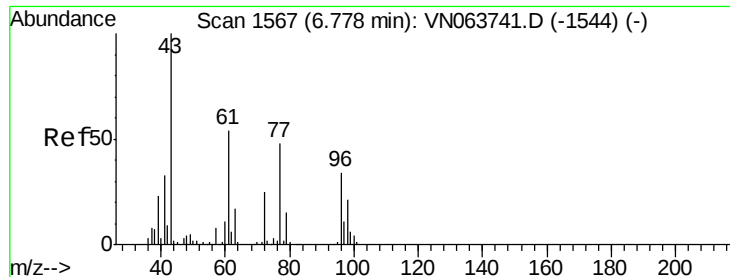
Tot Ion: 43 Resp: 557743
Ion Ratio Lower Upper
43 100
72 23.2 19.3 28.9



#26
2,2-Dichloropropane
Concen: 47.003 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 77 Resp: 273790
Ion Ratio Lower Upper
77 100
97 20.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.978 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

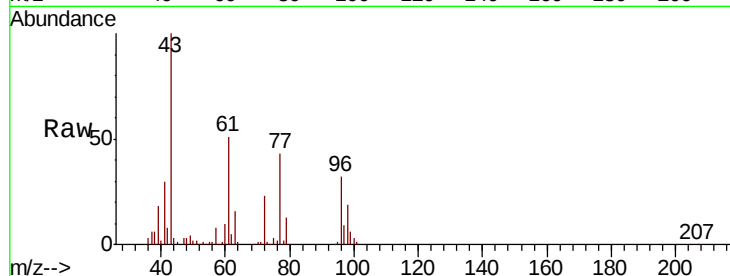
Tot Ion: 96 Resp: 176133

Ion Ratio Lower Upper

96 100

61 164.1 0.0 321.2

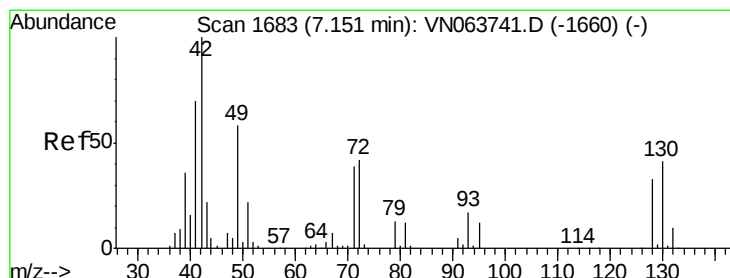
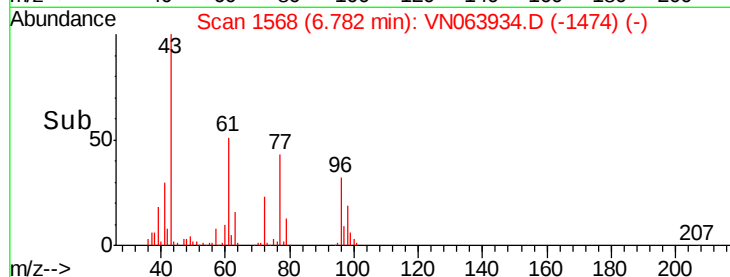
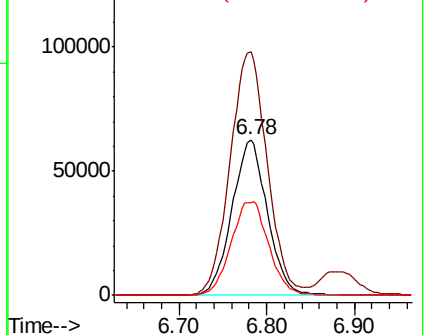
98 64.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063934.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063934.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063934.D (-1544) (-)



#28

Bromochloromethane

Concen: 48.370 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

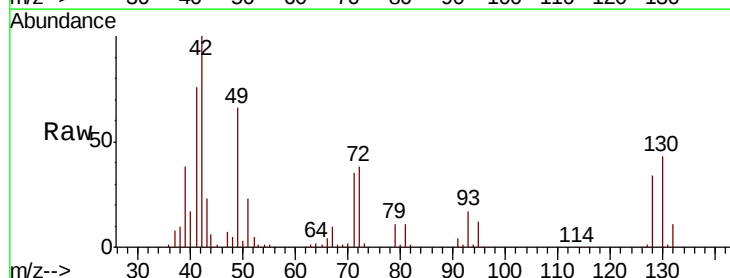
Tgt Ion: 49 Resp: 152066

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.8

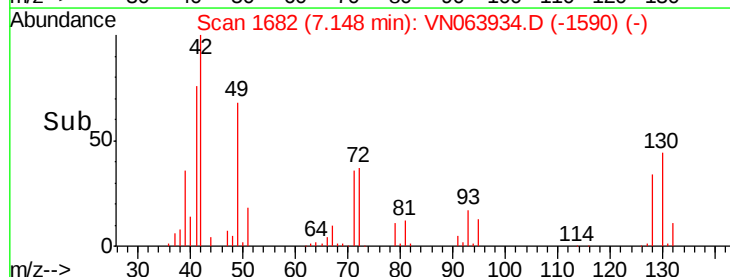
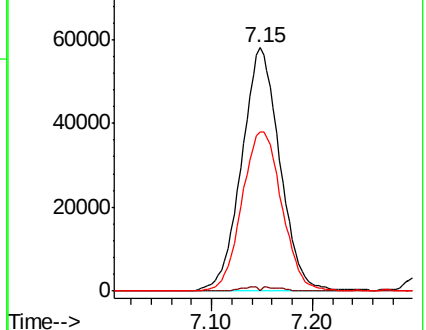
130 68.4 55.6 83.4

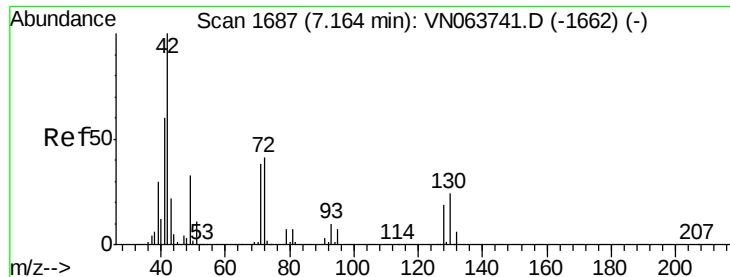


Abundance Ion 48.90 (48.60 to 49.60): VN063934.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063934.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063934.D (-1590) (-)

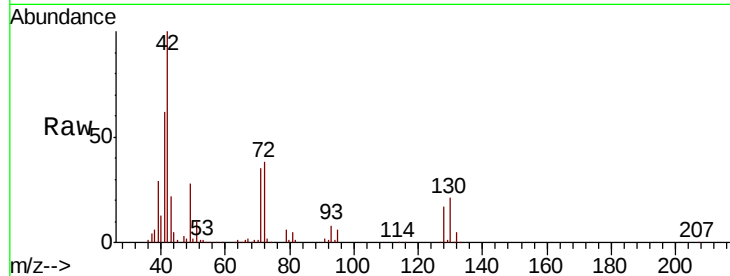




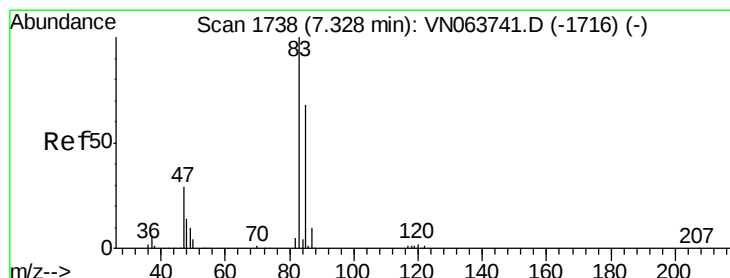
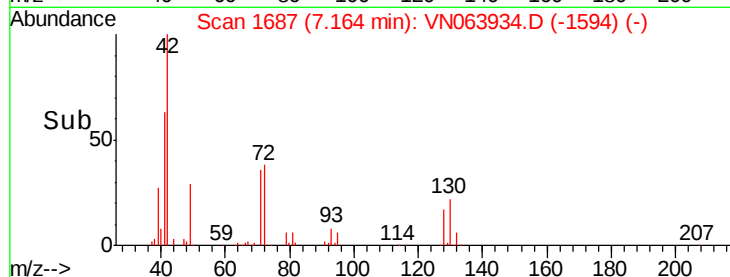
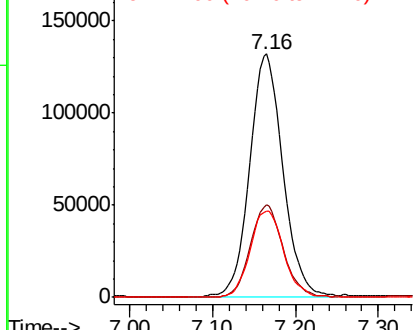
#29
Tetrahydrofuran
Concen: 263.022 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 367616
Ion Ratio Lower Upper
42 100
72 37.6 32.8 49.2
71 36.2 30.6 45.8

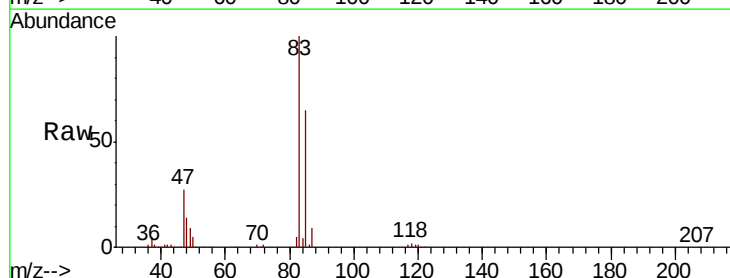


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

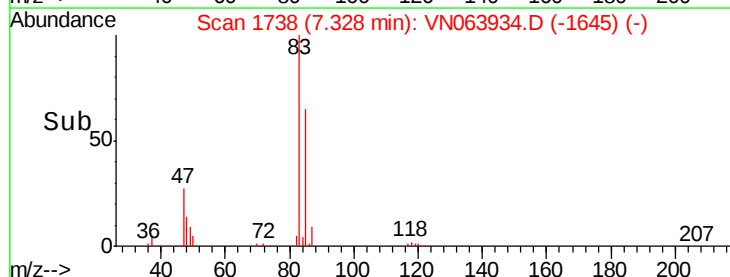
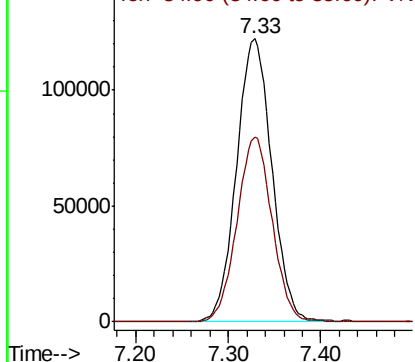


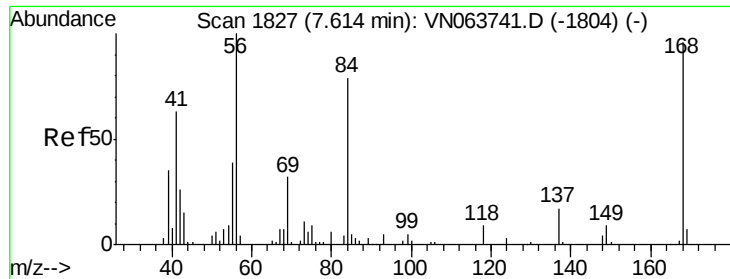
#30
Chloroform
Concen: 48.748 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 83 Resp: 323309
Ion Ratio Lower Upper
83 100
85 65.3 54.6 82.0



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

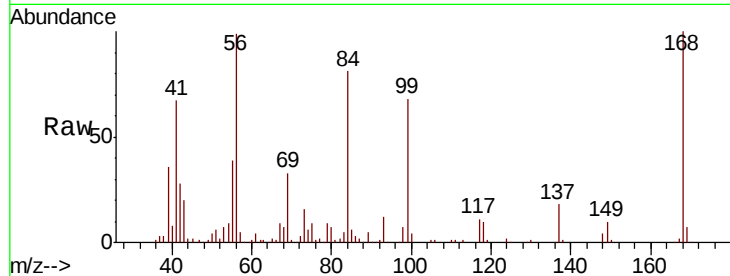




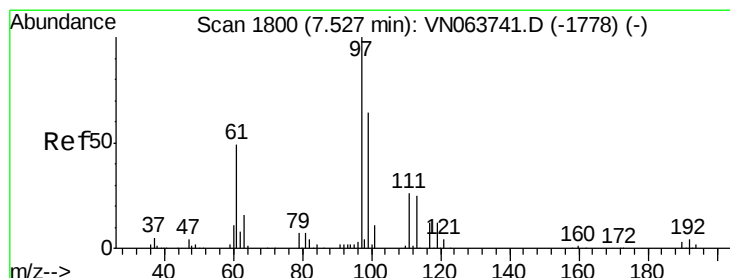
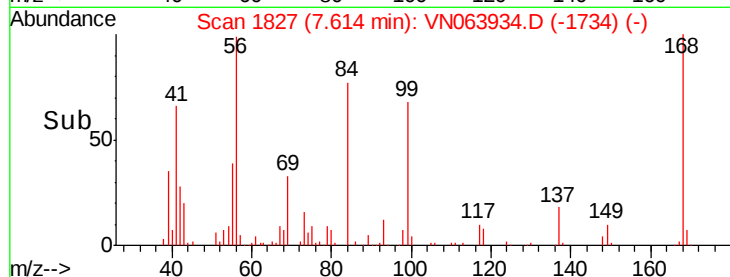
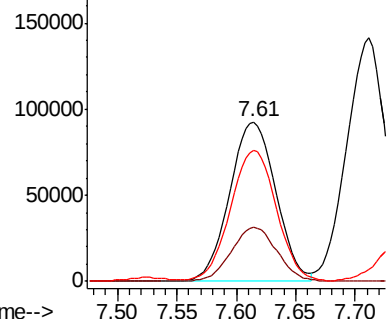
#31
Cyclohexane
Concen: 45.018 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.2
84	80.6	63.3	94.9

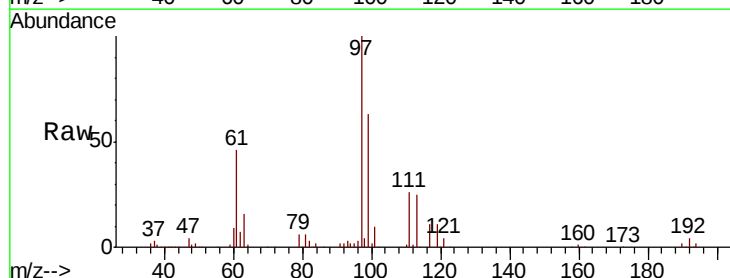


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

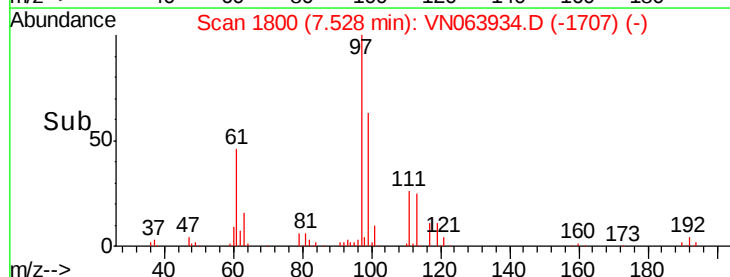
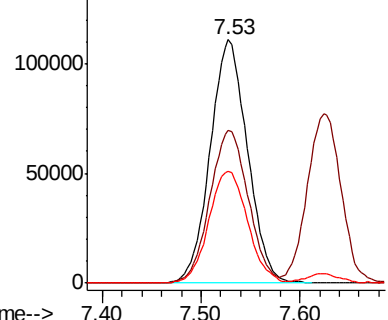


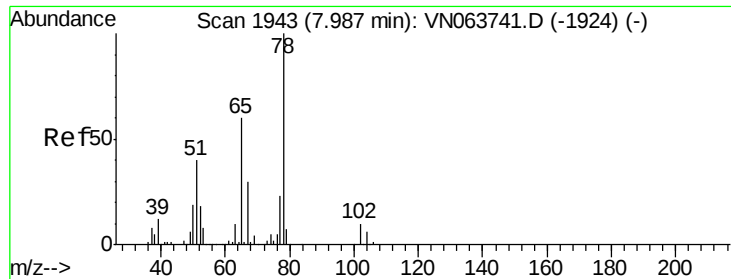
#32
1,1,1-Trichloroethane
Concen: 48.563 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	47.9	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: 45.458 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

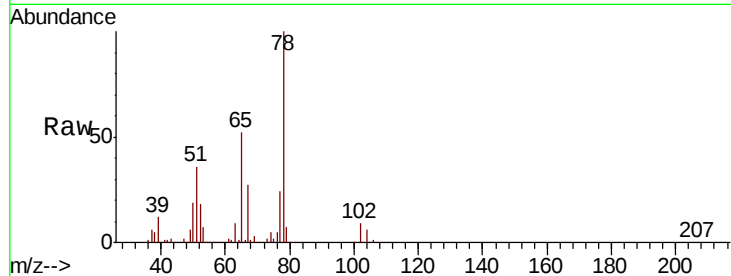
VSTDCCC050

Tot Ion: 65 Resp: 217058

Ion Ratio Lower Upper

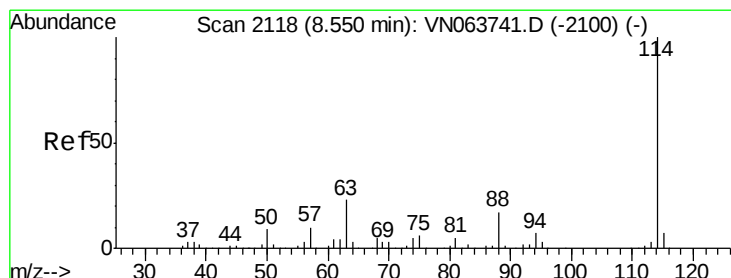
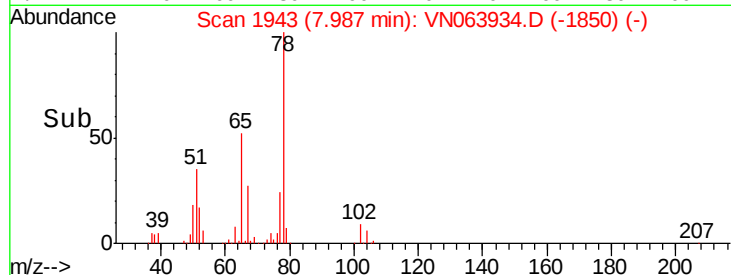
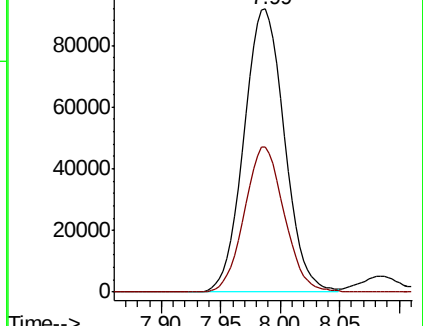
65 100

67 50.3 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

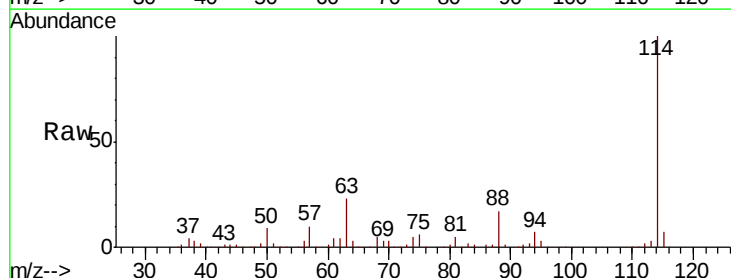
Tgt Ion: 114 Resp: 444050

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

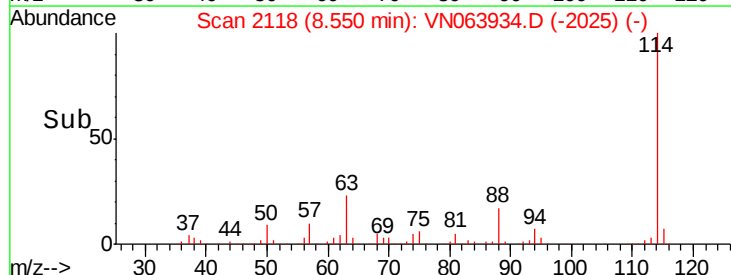
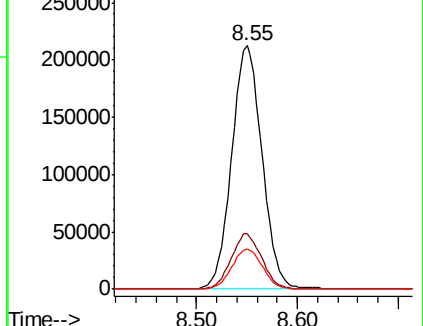
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

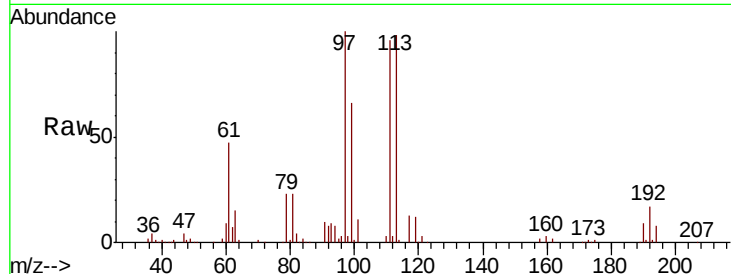




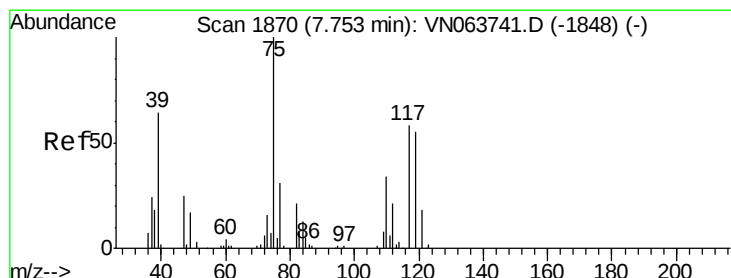
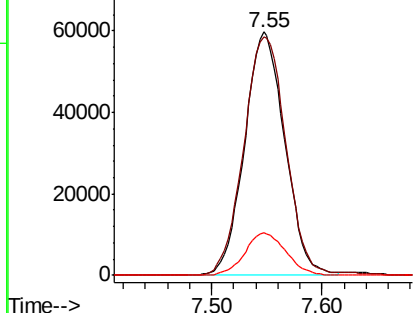
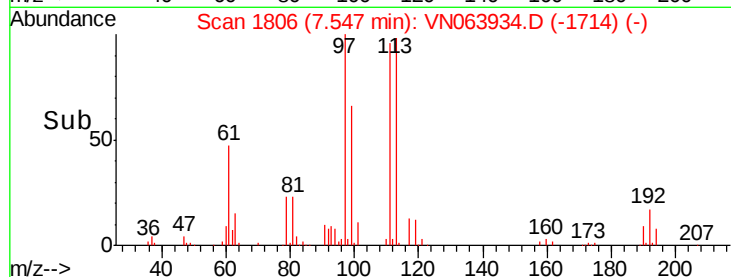
#35
 Dibromofluoromethane
 Concen: 49.012 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 151013
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 17.7 14.2 21.2

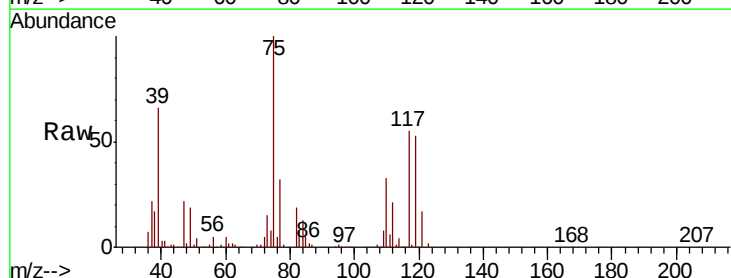


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

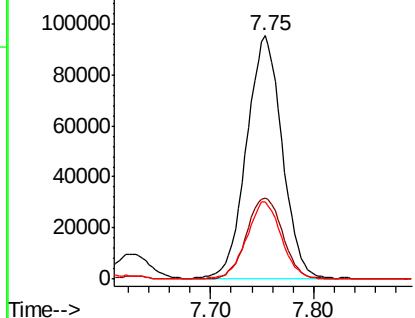
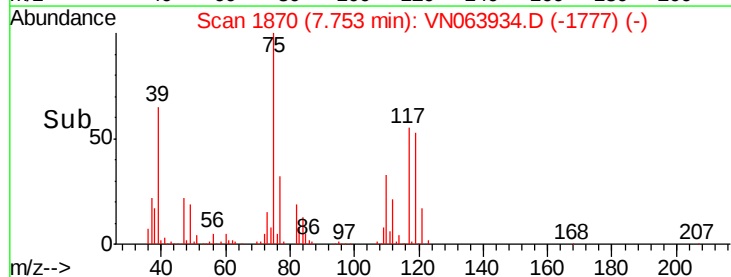


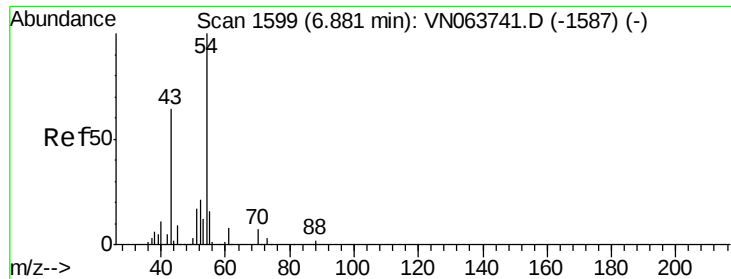
#36
 1,1-Dichloropropene
 Concen: 50.570 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 75 Resp: 227498
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 31.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

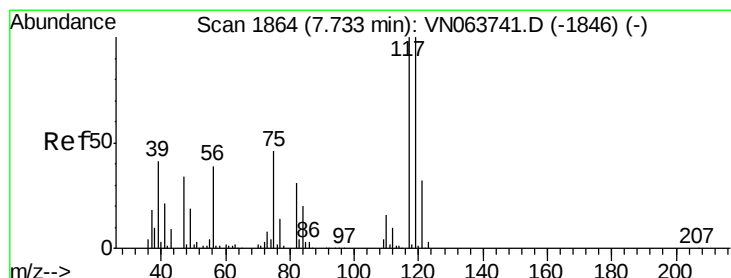
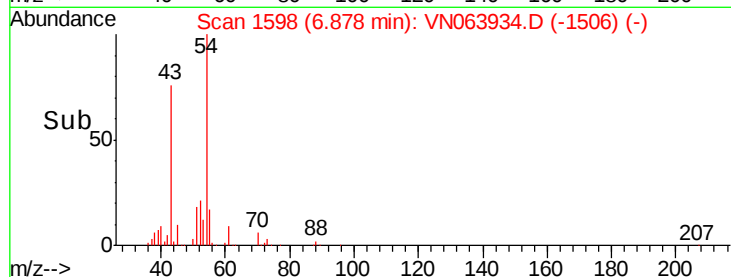
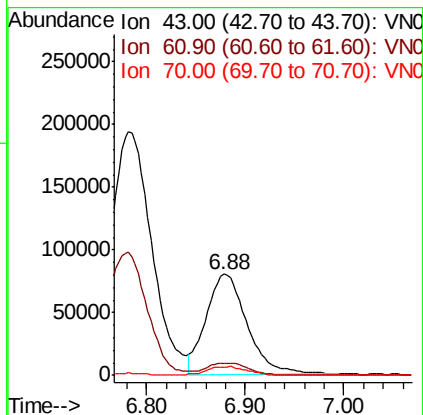
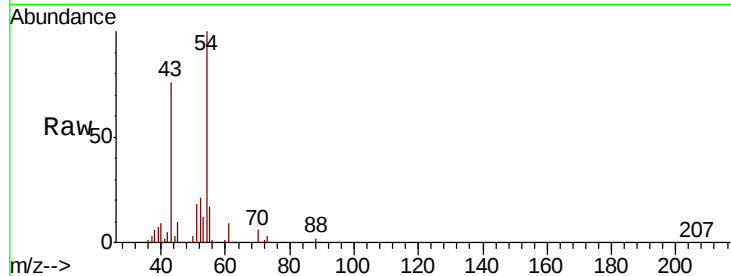




#37
Ethyl Acetate
Concen: 51.902 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

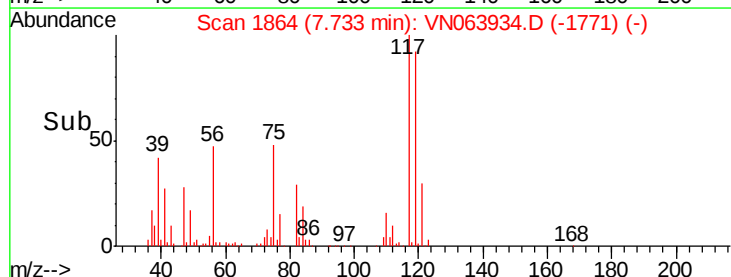
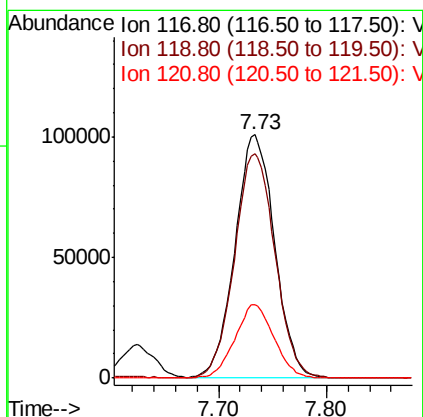
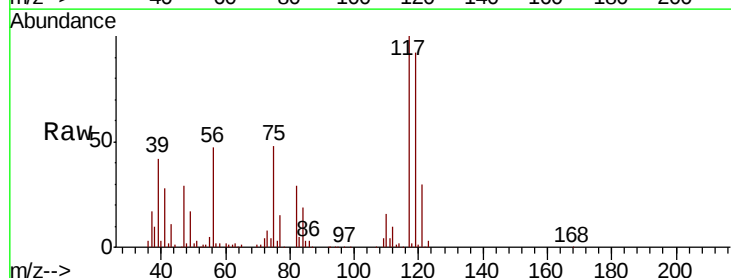
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

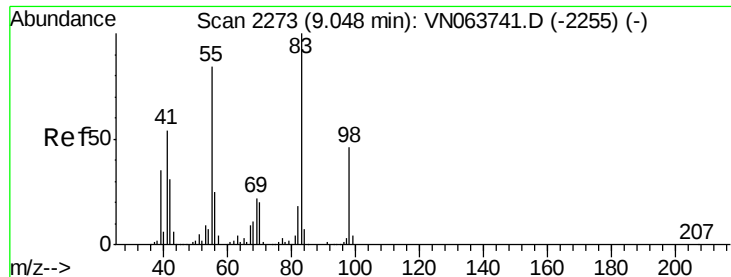
Tot Ion: 43 Resp: 231974
Ion Ratio Lower Upper
43 100
61 11.8 10.4 15.6
70 8.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 50.936 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 117 Resp: 256947
Ion Ratio Lower Upper
117 100
119 92.1 80.1 120.1
121 30.4 25.7 38.5

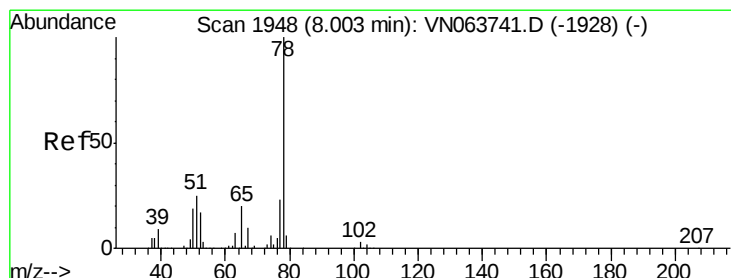
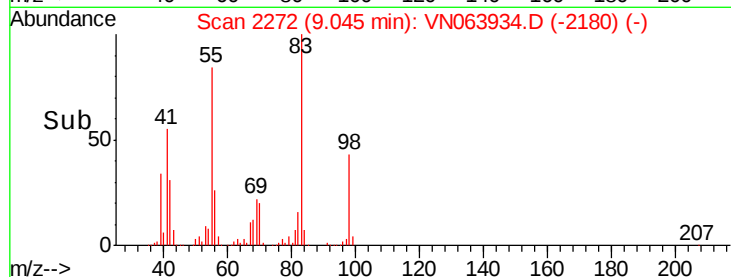
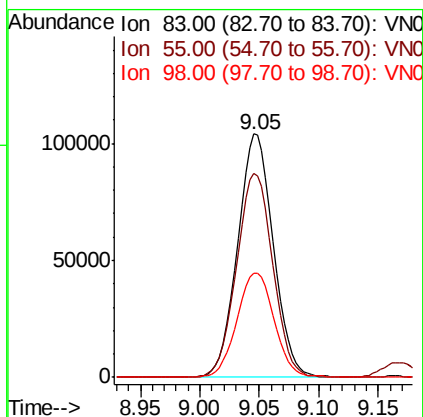
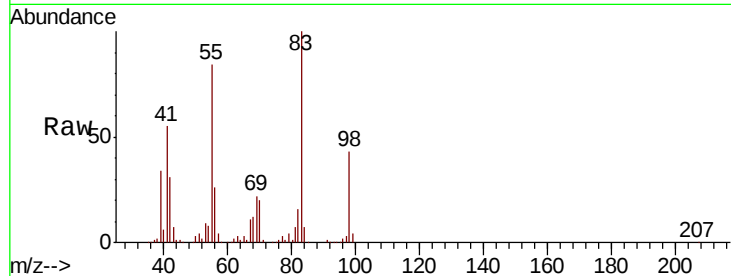




#39
Methvlcvclohexane
Concen: 48.216 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

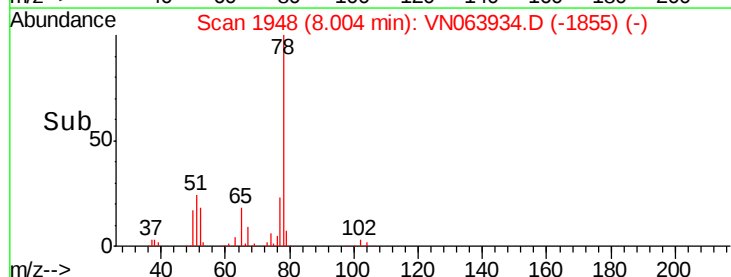
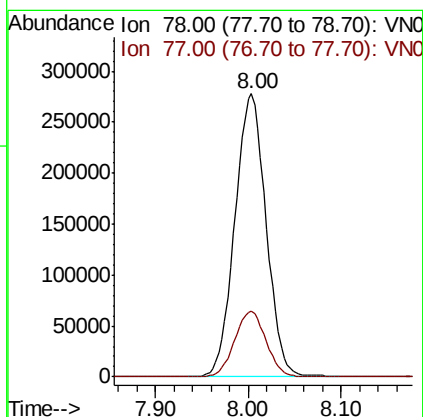
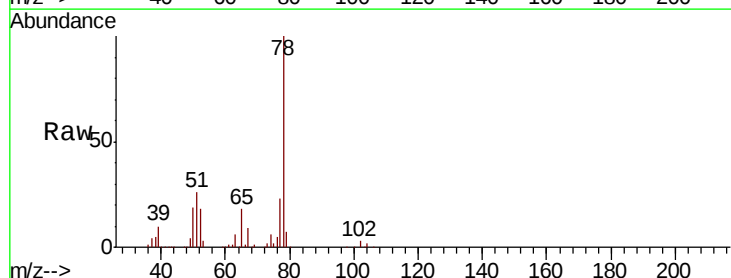
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

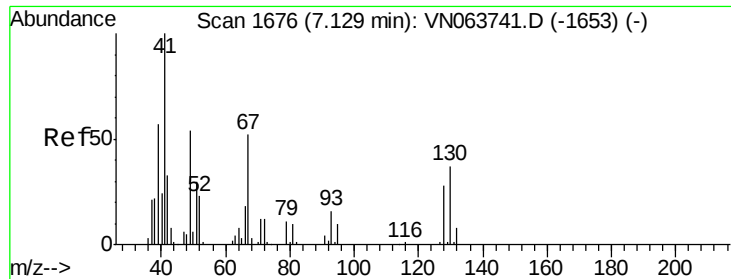
Tot Ion: 83 Resp: 216307
Ion Ratio Lower Upper
83 100
55 83.8 67.1 100.7
98 42.7 36.6 54.8



#40
Benzene
Concen: 50.535 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 78 Resp: 649335
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

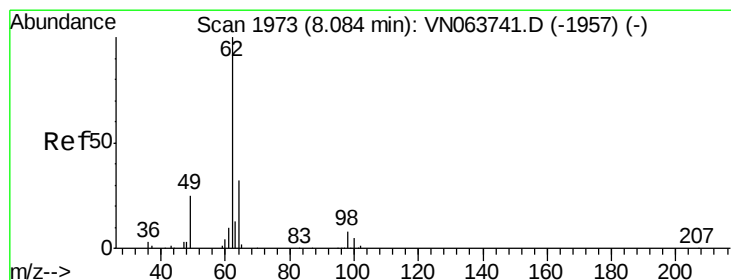
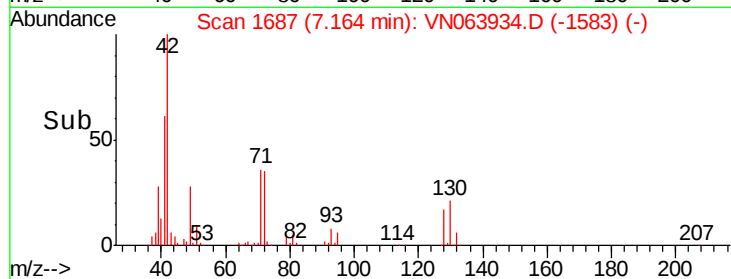
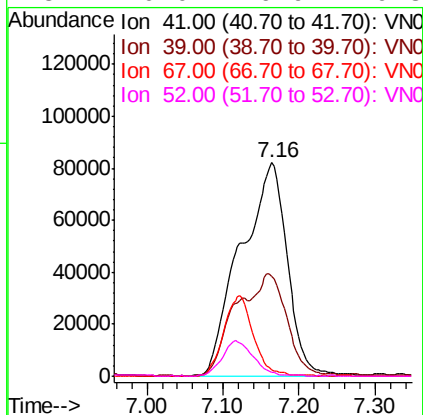
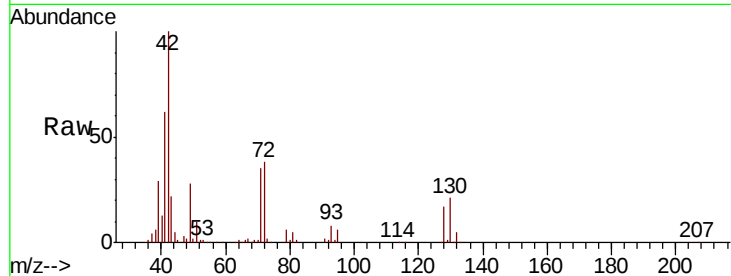




#41
Methacrylonitrile
Concen: 174.539 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

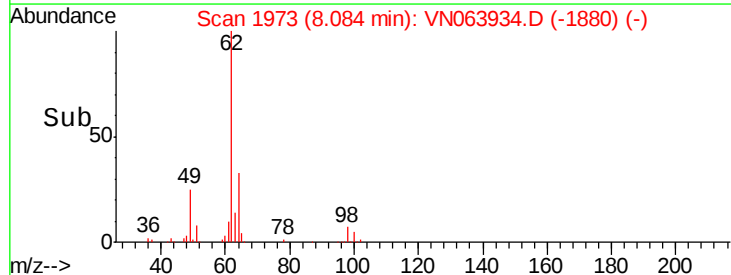
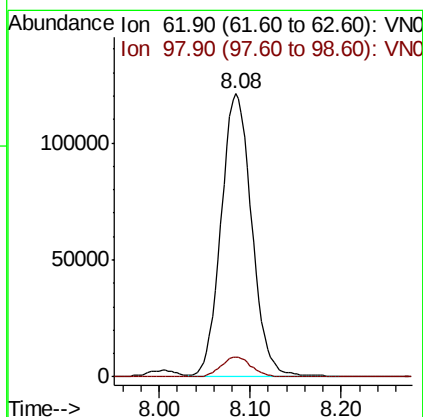
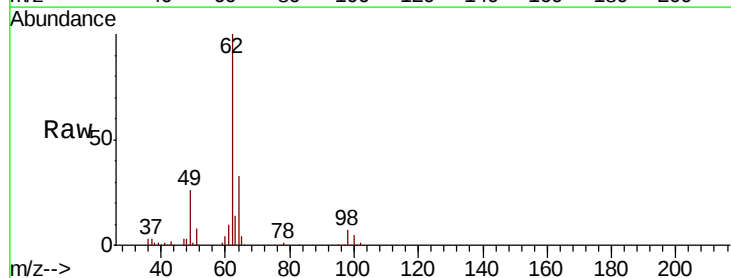
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

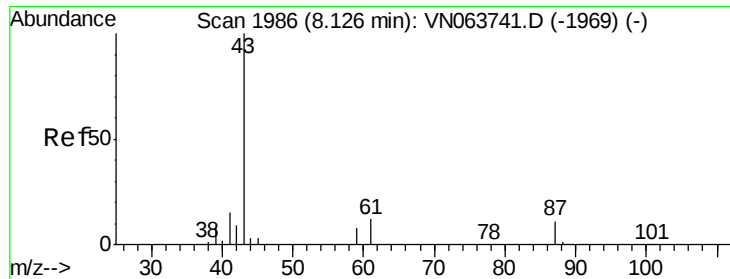
Tot Ion:	41	Resp:	346707
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 51.437 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:	62	Resp:	282129
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 54.015 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

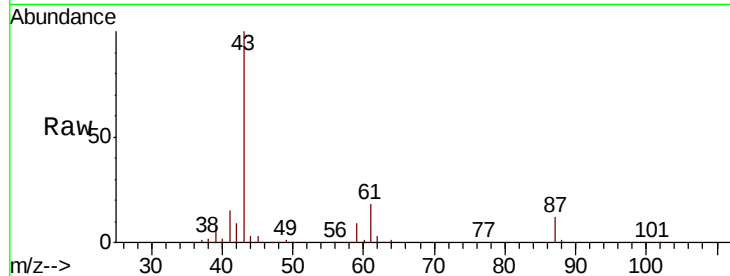
Tot Ion: 43 Resp: 398213

Ion Ratio Lower Upper

43 100

61 24.2 14.2 21.4#

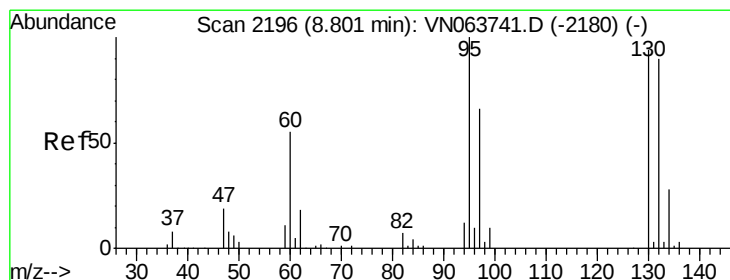
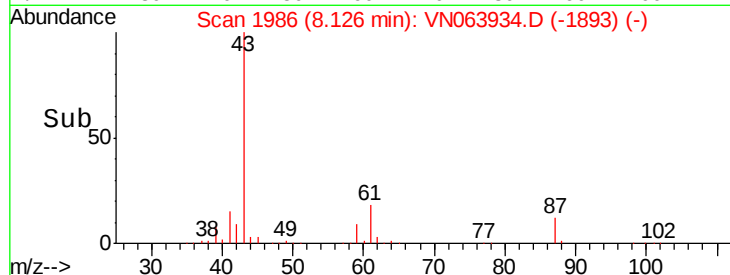
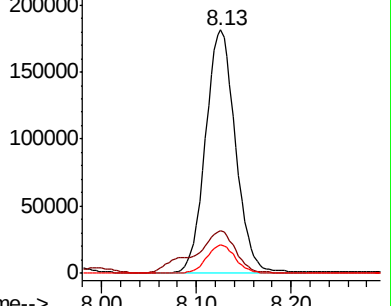
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063934.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063934.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063934.D (-2103) (-)



#44

Trichloroethene

Concen: 50.262 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063934.D

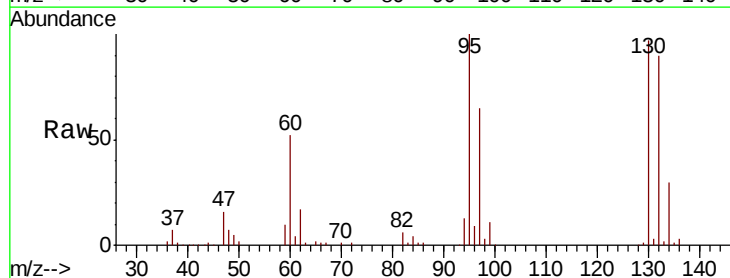
Acq: 7 Oct 2020 10:21

Tgt Ion:130 Resp: 169218

Ion Ratio Lower Upper

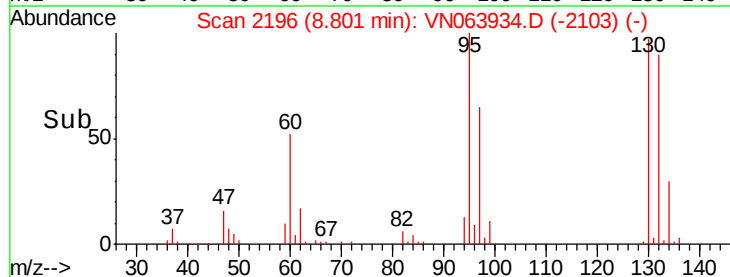
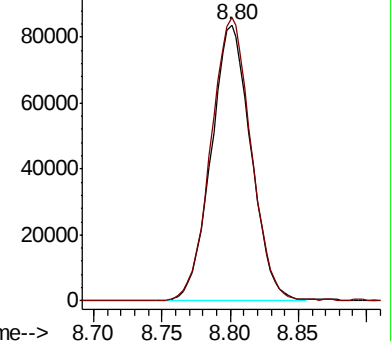
130 100

95 102.6 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063934.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063934.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 52.500 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

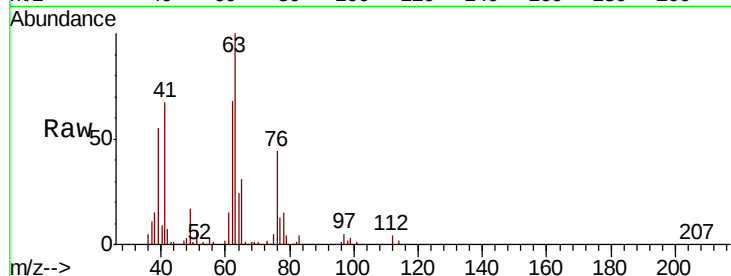
VSTDCCC050

Tot Ion: 63 Resp: 182185

Ion Ratio Lower Upper

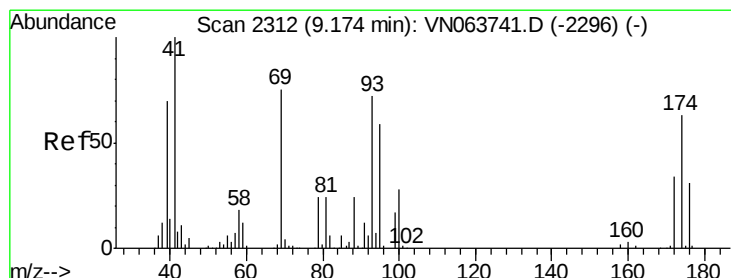
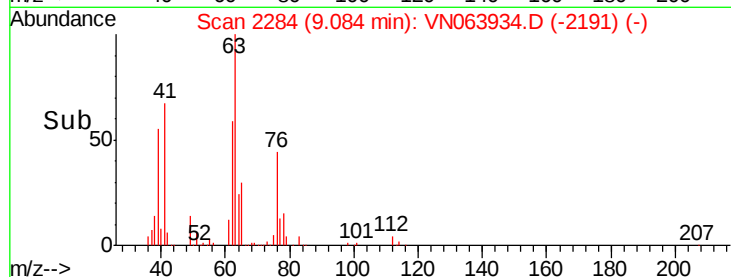
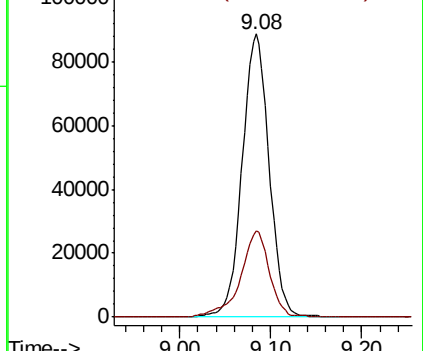
63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN063934.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN063934.D (-2262) (-)



#46

Dibromomethane

Concen: 50.469 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

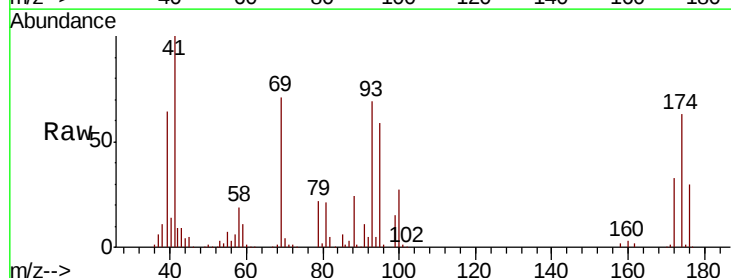
Tgt Ion: 93 Resp: 120819

Ion Ratio Lower Upper

93 100

95 83.2 66.3 99.5

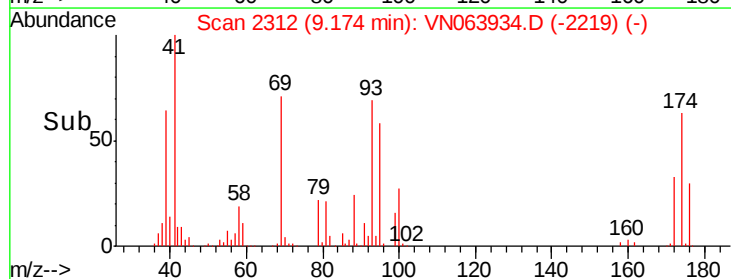
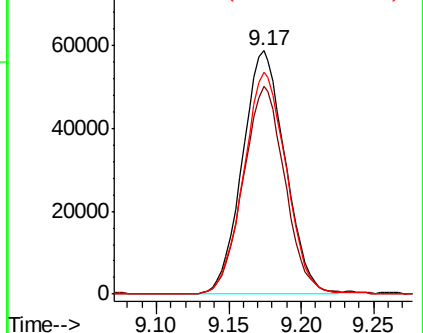
174 90.5 72.7 109.1

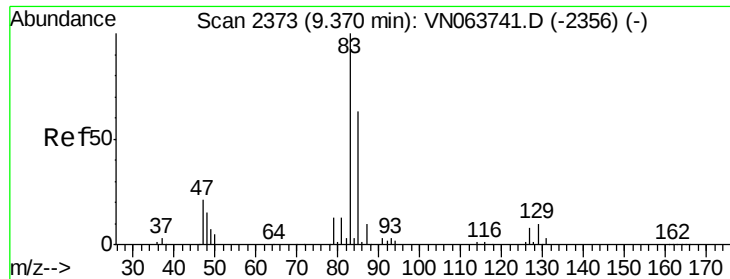


Abundance Ion 92.80 (92.50 to 93.50): VN063934.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063934.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063934.D (-2296) (-)

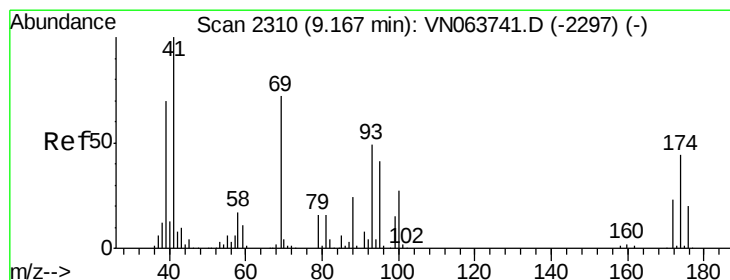
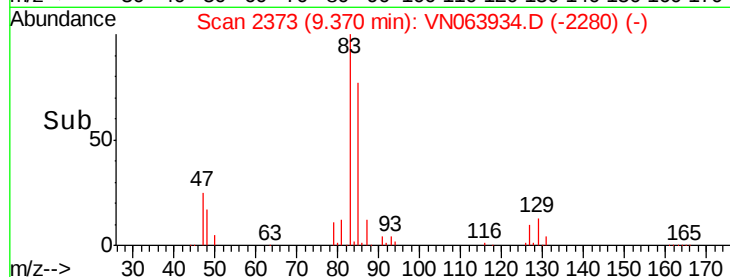
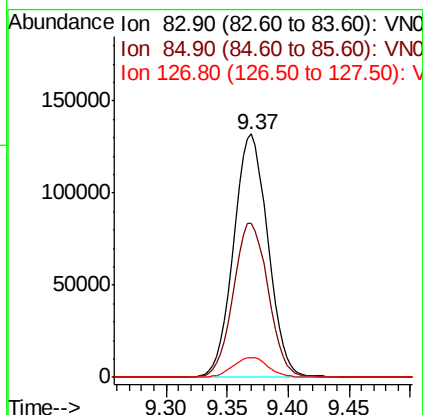
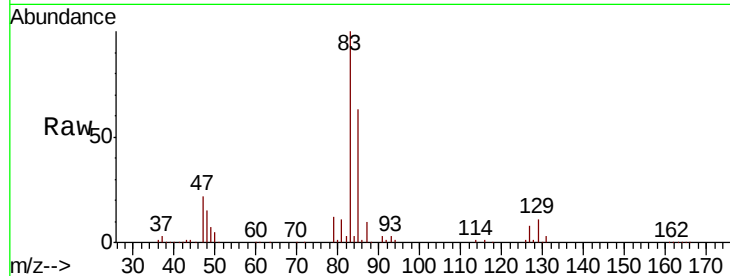




#47
 Bromodichloromethane
 Concen: 52.255 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

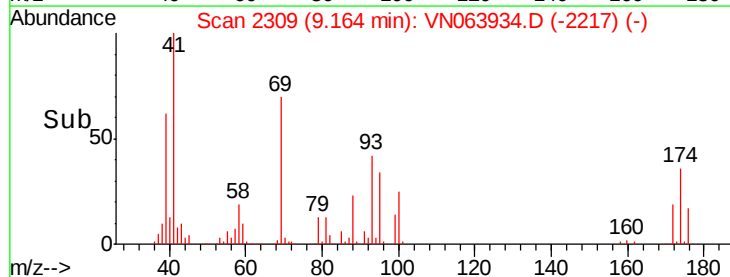
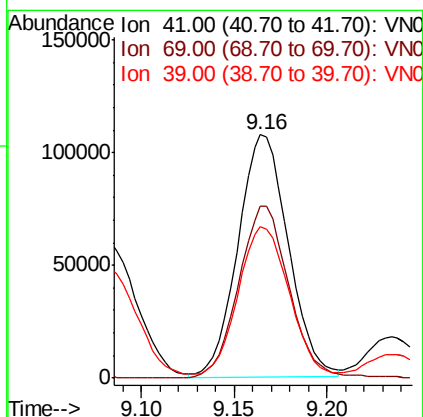
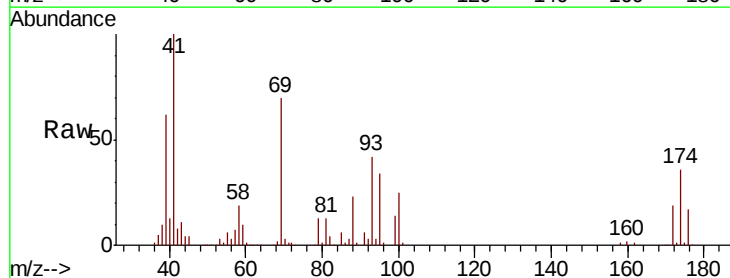
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

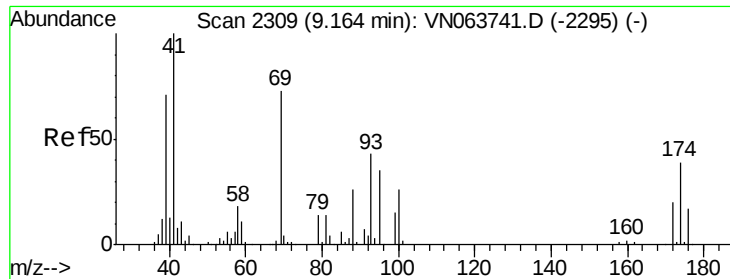
Tot Ion: 83 Resp: 257812
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.6 75.8
 127 8.2 6.6 9.8



#48
 Methyl methacrylate
 Concen: 55.664 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 41 Resp: 202746
 Ion Ratio Lower Upper
 41 100
 69 71.5 60.9 91.3
 39 63.7 57.5 86.3

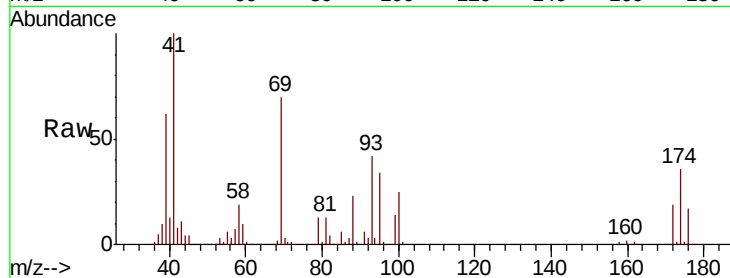




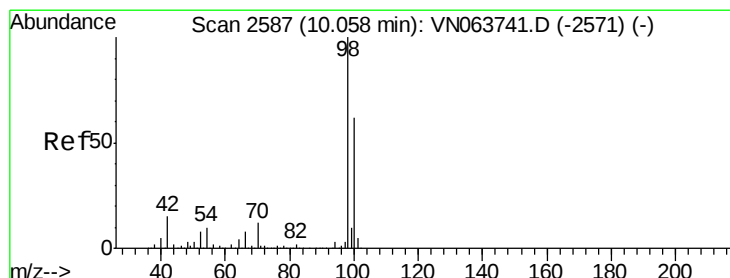
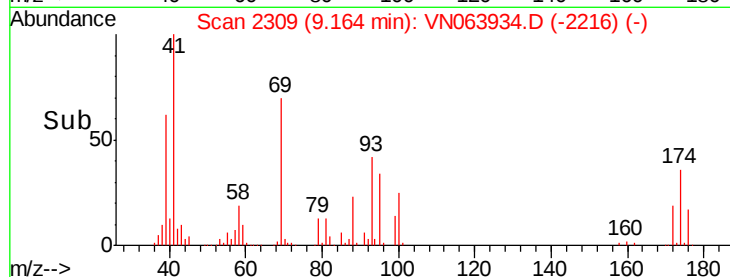
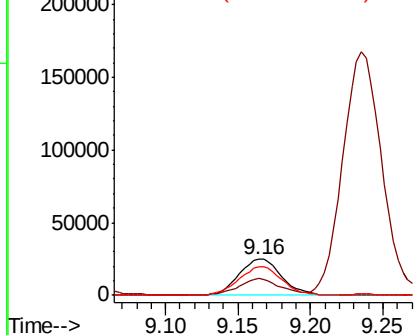
#49
1,4-Dioxane
Concen: 989.054 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 51199
Ion Ratio Lower Upper
88 100
43 41.6 33.1 49.7
58 80.1 58.9 88.3

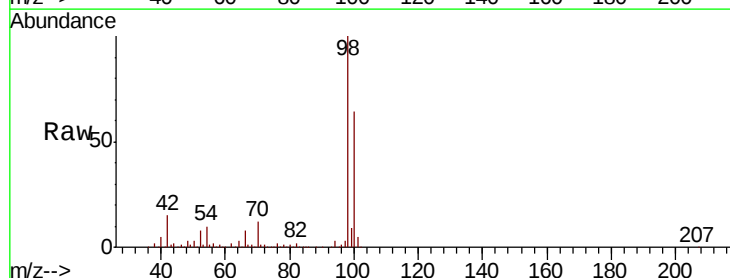


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

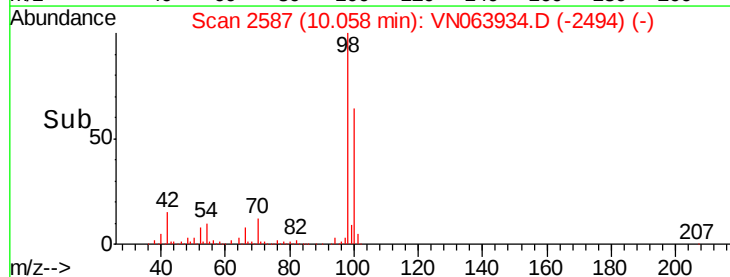
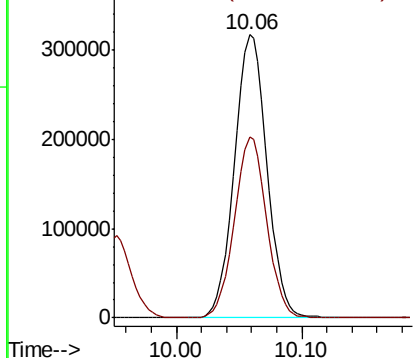


#50
Toluene-d8
Concen: 48.871 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 98 Resp: 570825
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.6



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

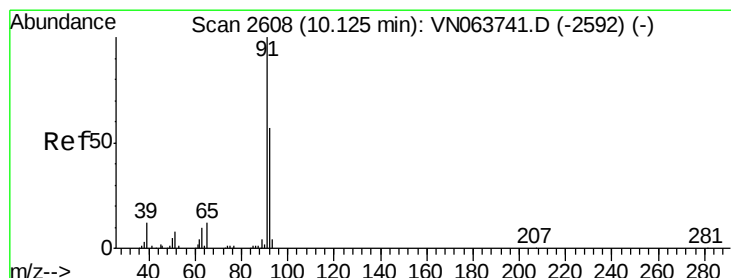
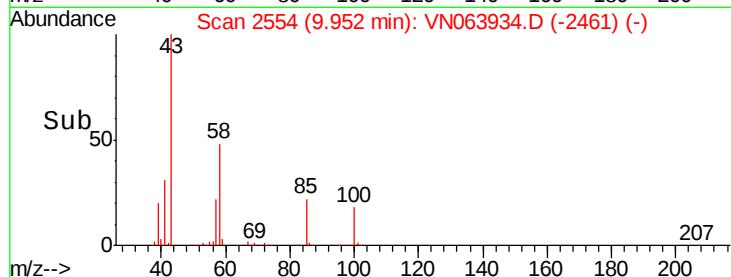
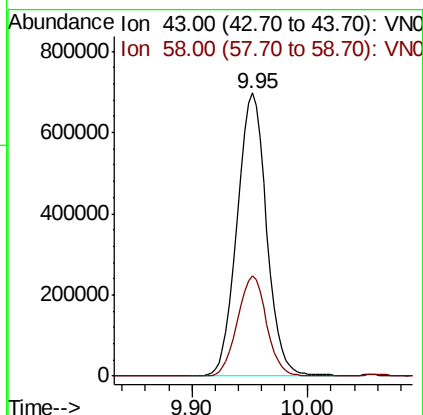
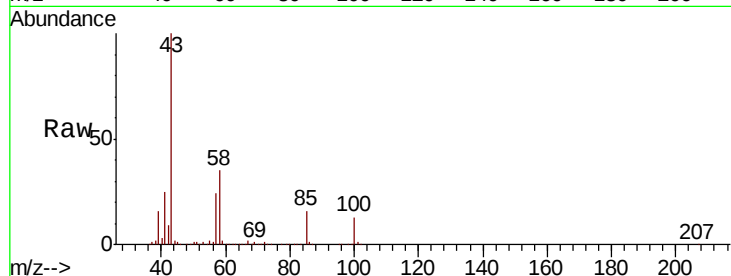




#51
4-Methyl-2-Pentanone
Concen: 282.980 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

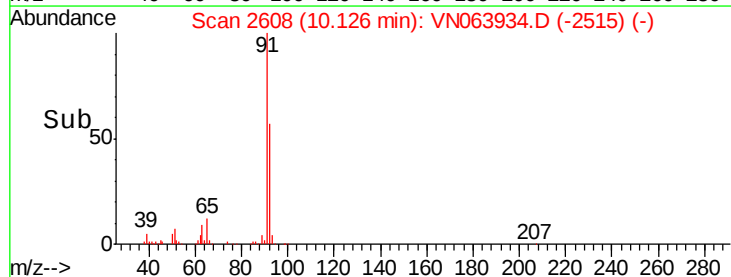
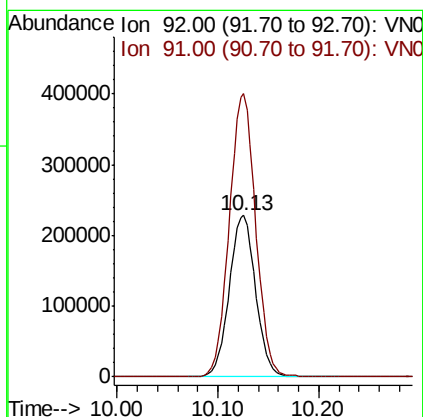
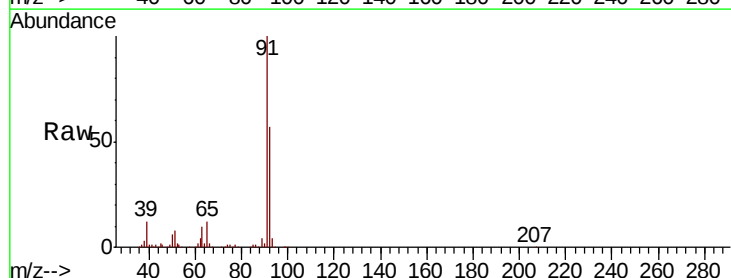
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

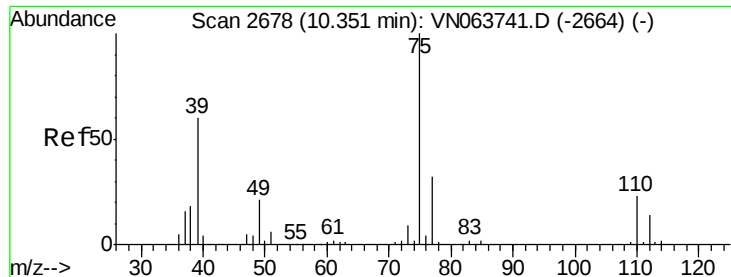
Tot Ion: 43 Resp: 1224272
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6



#52
Toluene
Concen: 52.448 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 92 Resp: 416845
Ion Ratio Lower Upper
92 100
91 175.1 140.6 210.8

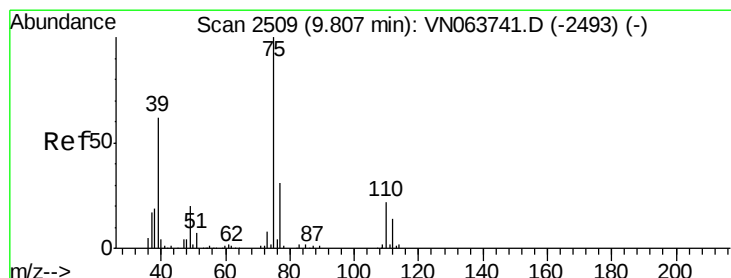
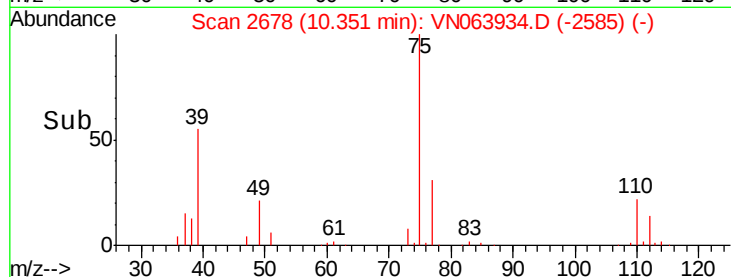
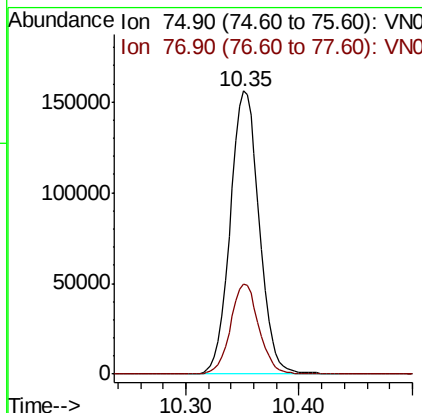
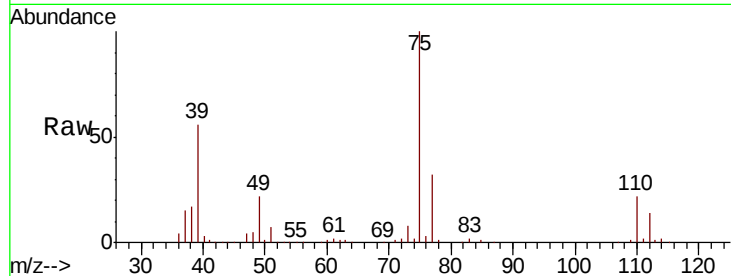




#53
t-1,3-Dichloropropene
Concen: 52.638 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

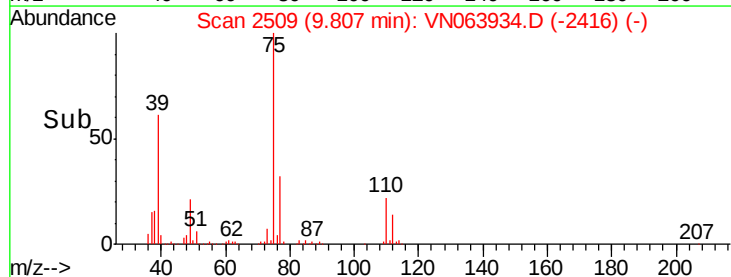
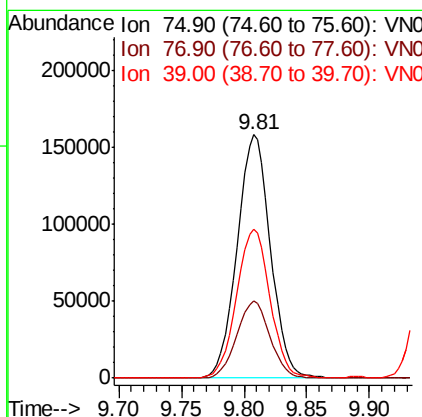
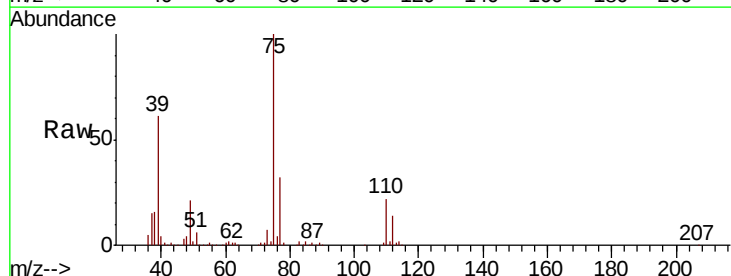
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

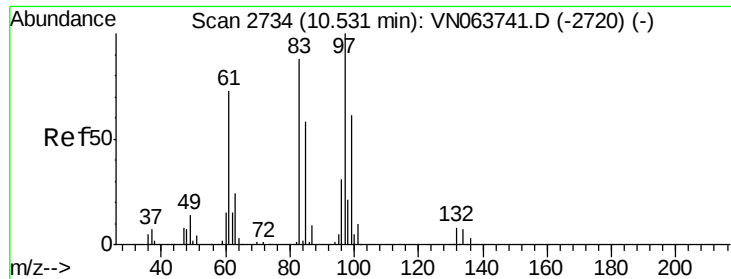
Tot Ion: 75 Resp: 278381
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.729 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 75 Resp: 291646
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 60.9 49.7 74.5

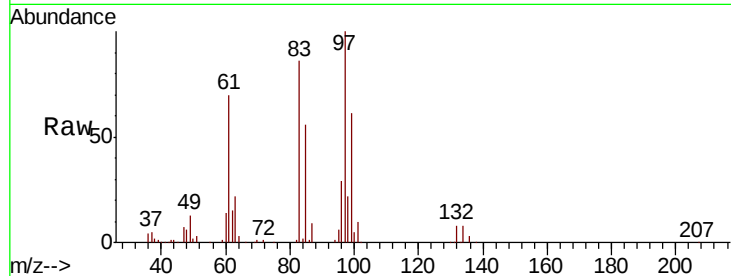




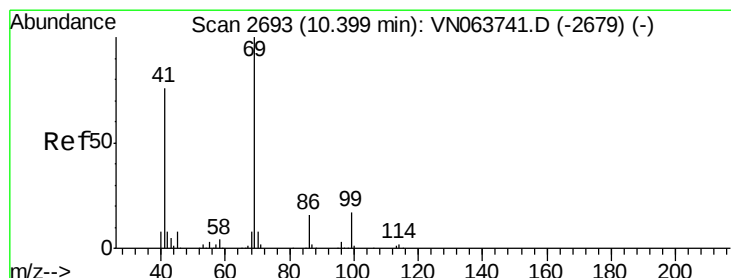
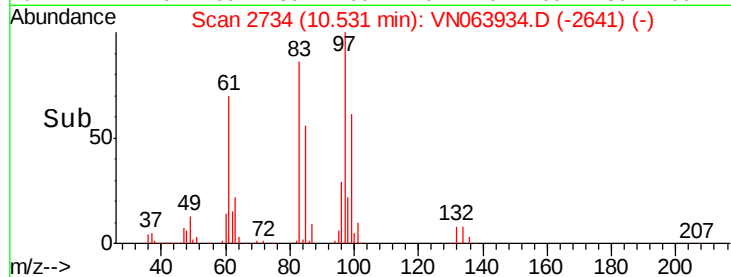
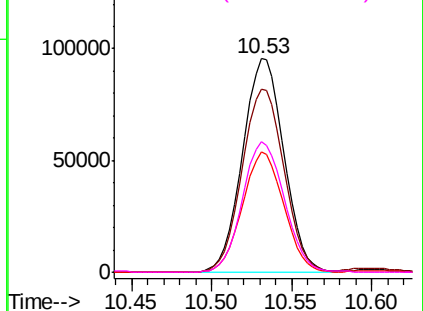
#55
 1,1,2-Trichloroethane
 Concen: 53.054 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 169101
 Ion Ratio Lower Upper
 97 100
 83 85.8 70.7 106.1
 85 56.2 46.1 69.1
 99 60.9 48.8 73.2

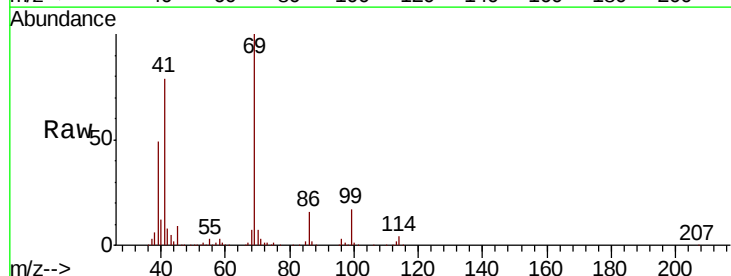


Abundance Ion 96.90 (96.60 to 97.60): VNO
 150000 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

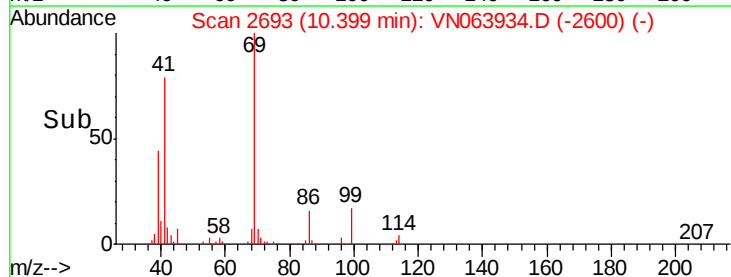
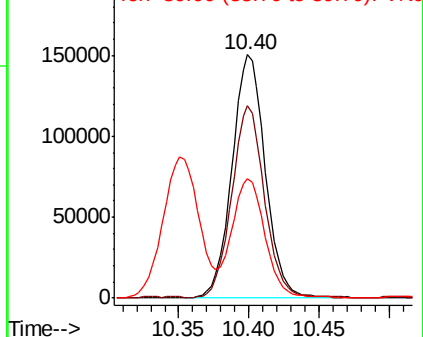


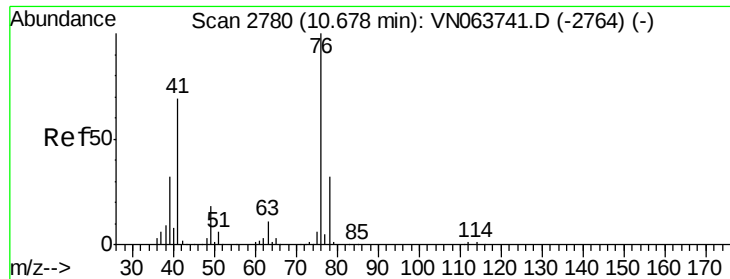
#56
 Ethyl methacrylate
 Concen: 55.164 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 69 Resp: 249225
 Ion Ratio Lower Upper
 69 100
 41 76.4 61.1 91.7
 39 48.6 42.2 63.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 200000 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

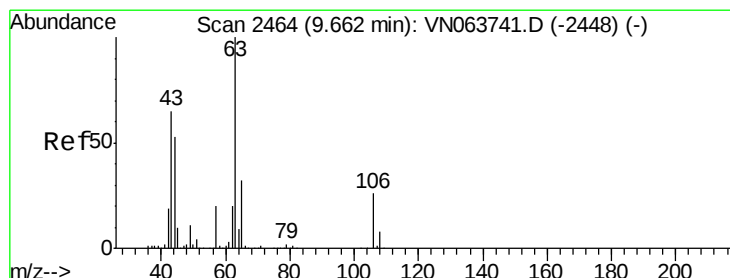
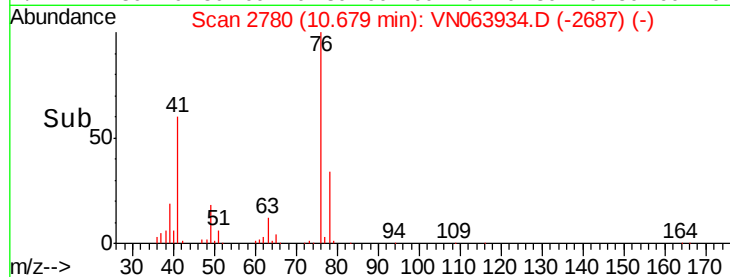
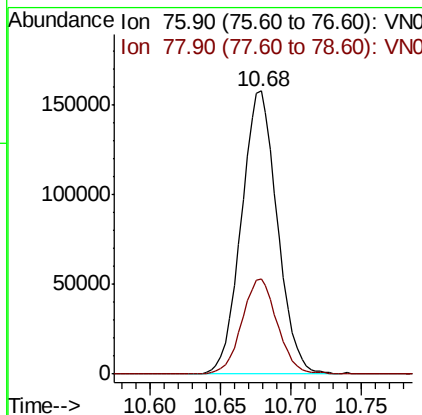
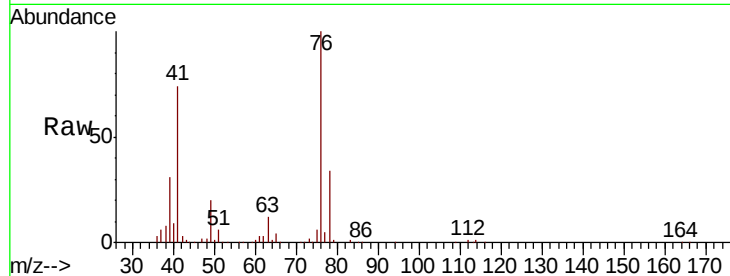




#57
 1,3-Dichloropropane
 Concen: 52.281 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

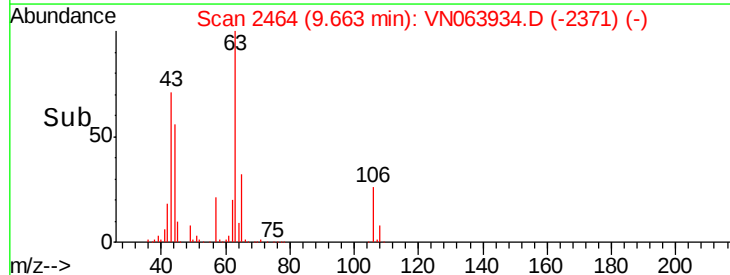
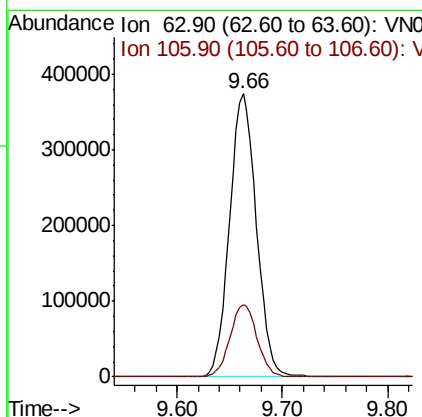
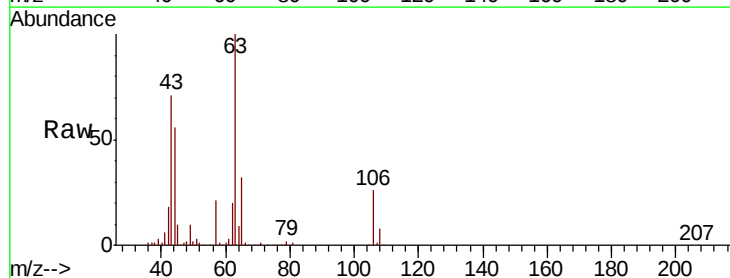
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

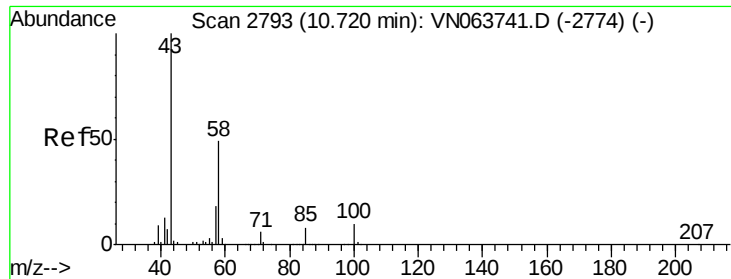
Tot Ion: 76 Resp: 281919
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.425 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 63 Resp: 658361
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

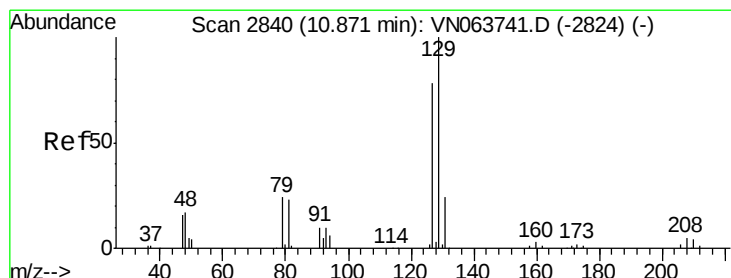
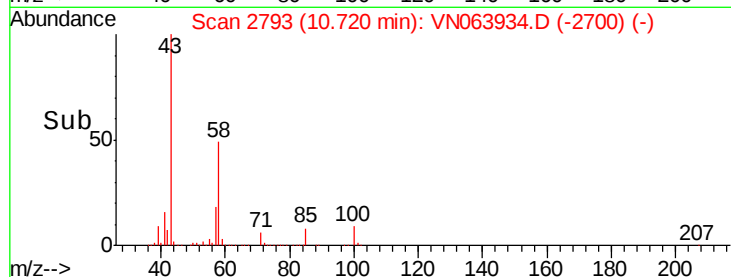
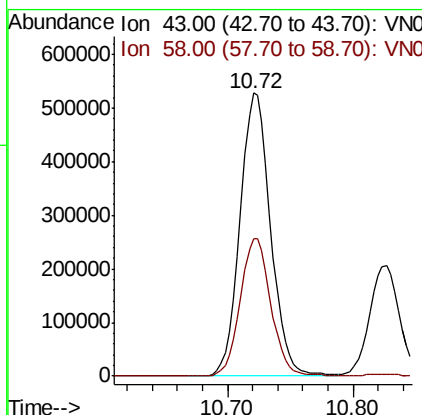
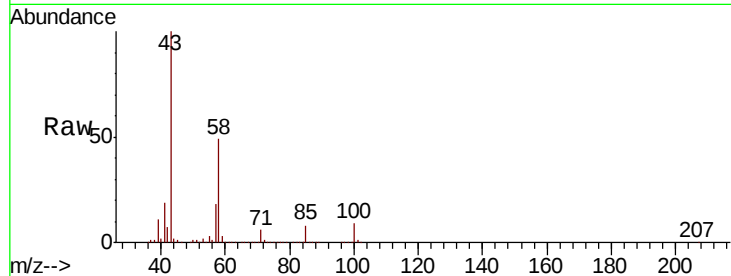




#59
2-Hexanone
Concen: 277.482 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

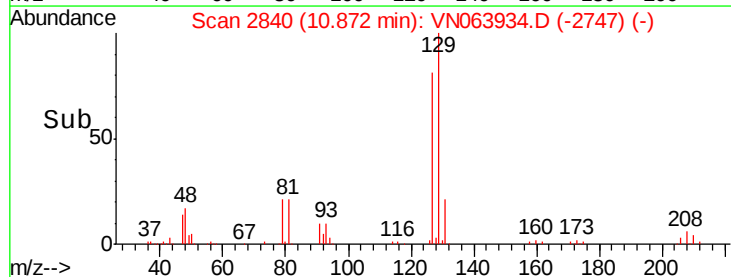
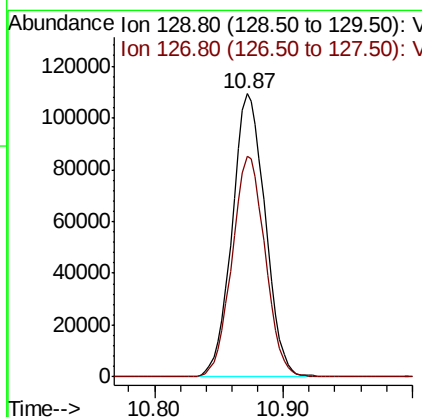
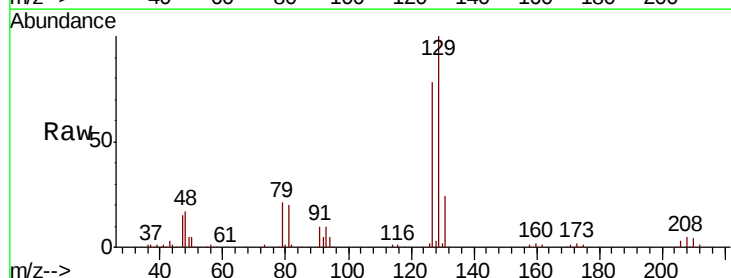
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

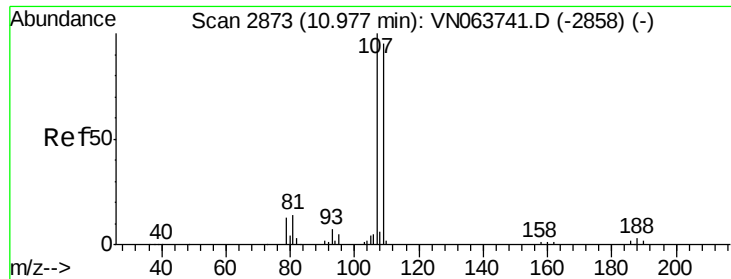
Tot Ion: 43 Resp: 891794
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.8



#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 129 Resp: 194589
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7

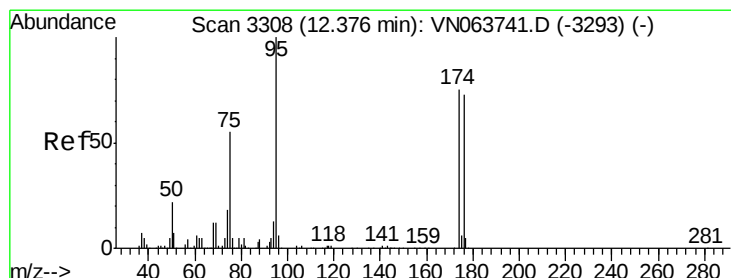
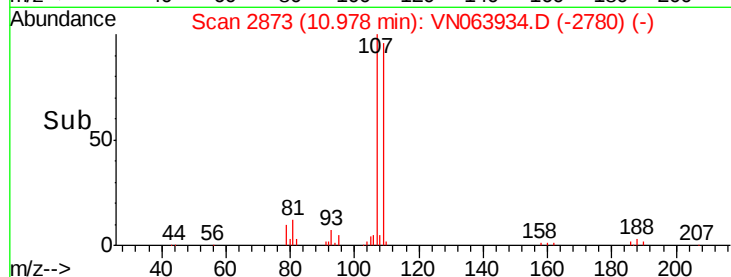
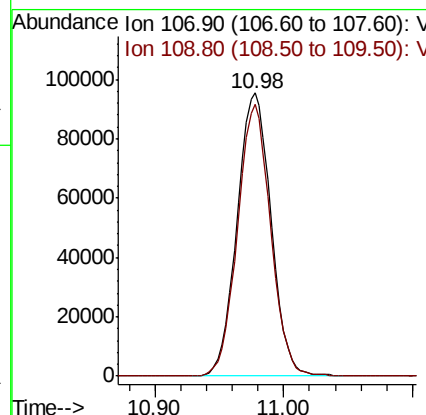
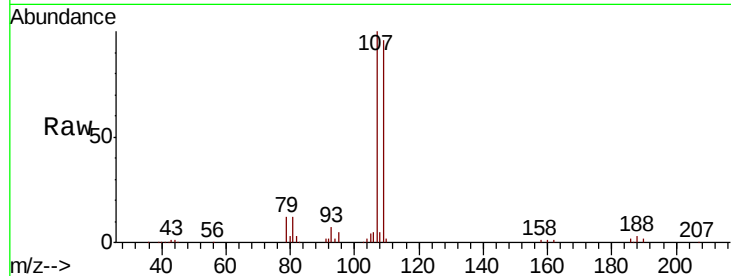




#61
 1,2-Dibromoethane
 Concen: 53.517 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

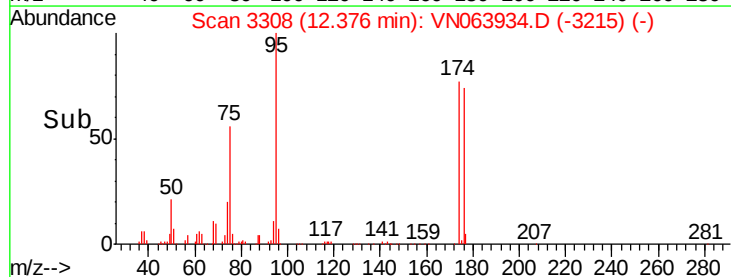
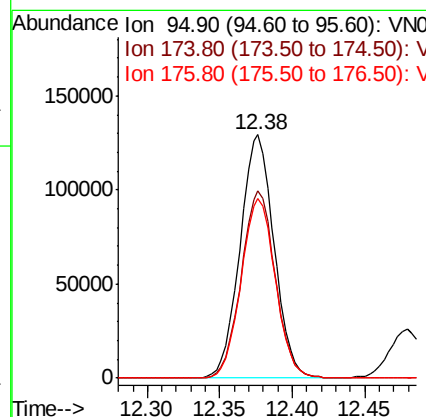
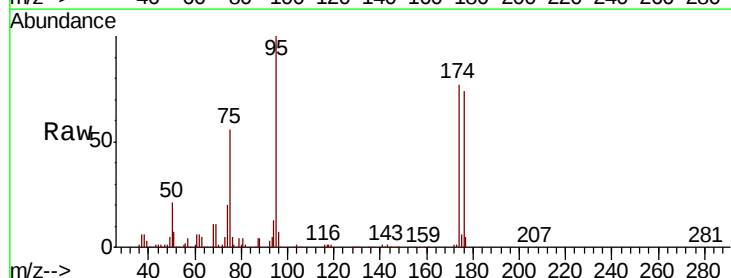
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

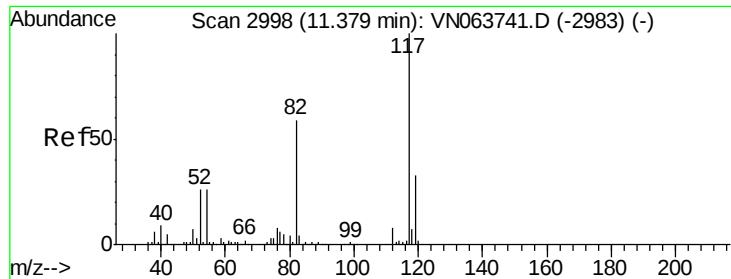
Tot Ion: 107 Resp: 174487
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.990 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 95 Resp: 210712
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 150.6
 176 74.4 0.0 145.4

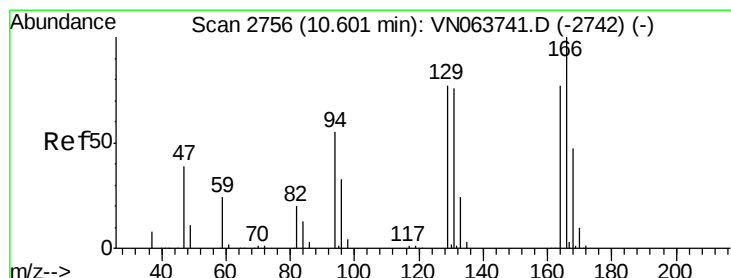
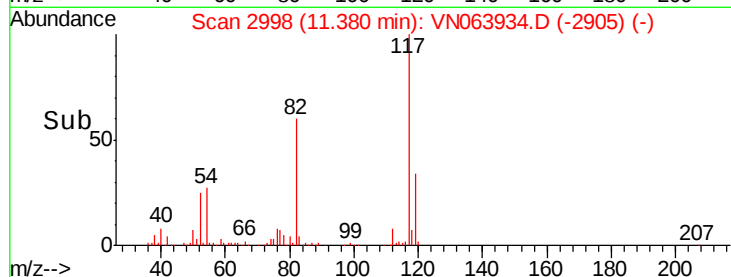
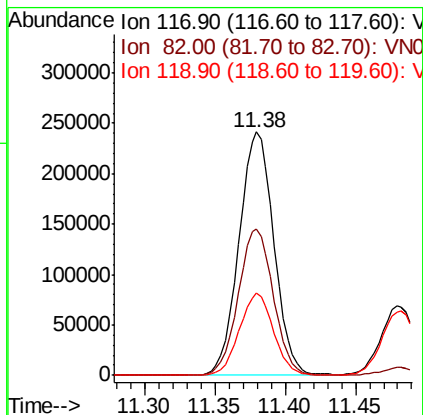
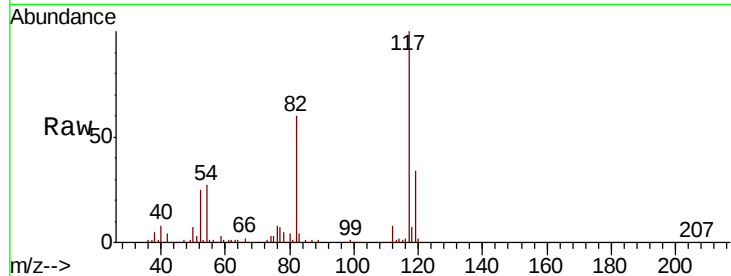




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

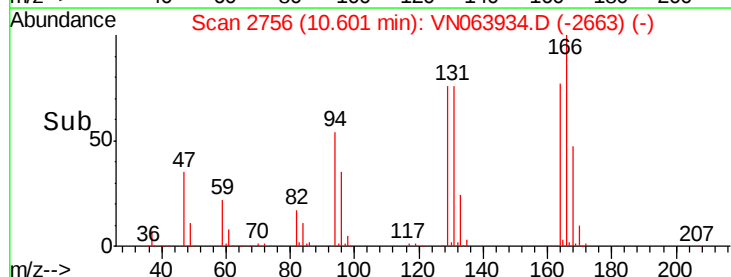
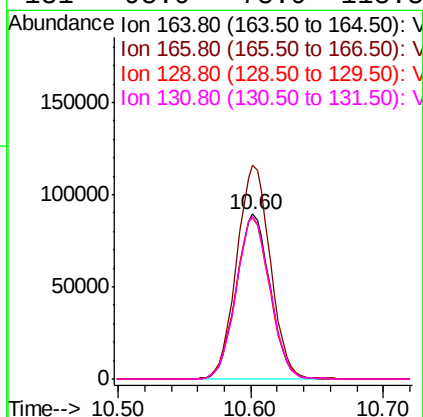
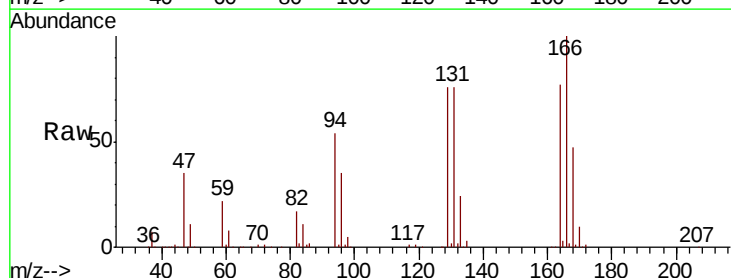
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

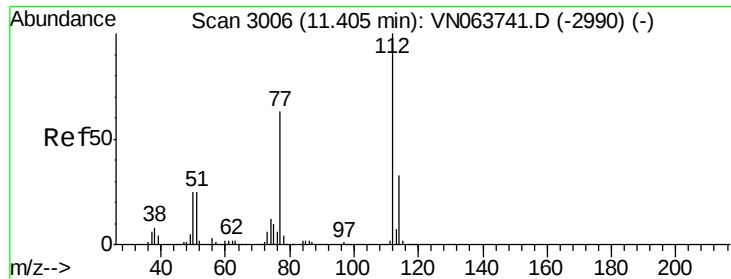
Tot Ion:117 Resp: 418919
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.7 26.4 39.6



#64
Tetrachloroethene
Concen: 48.971 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:164 Resp: 158716
Ion Ratio Lower Upper
164 100
166 129.5 103.9 155.9
129 97.9 80.3 120.5
131 98.9 78.9 118.3

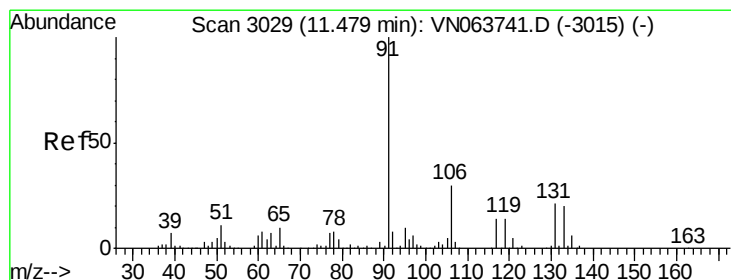
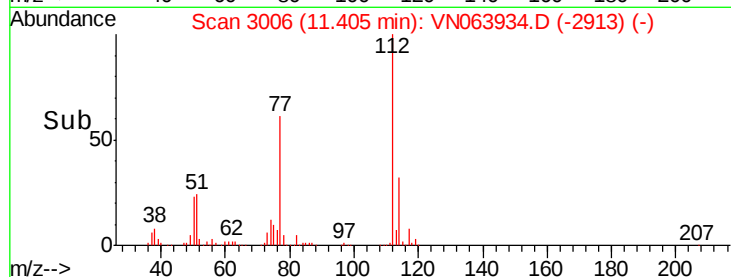
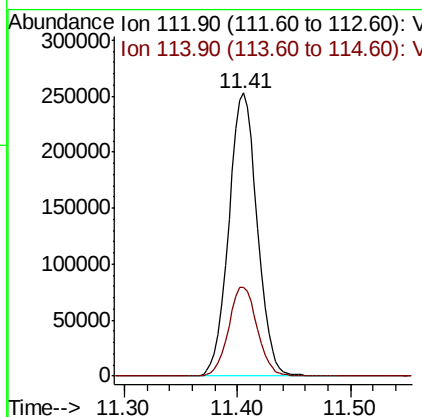
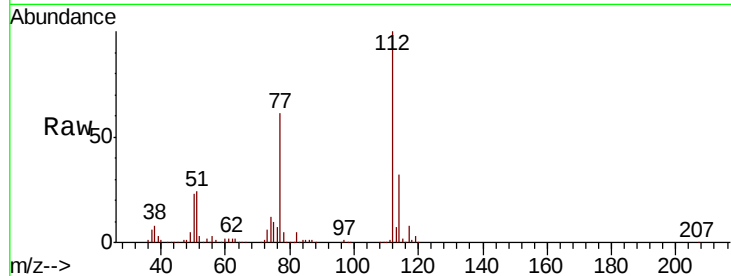




#65
Chlorobenzene
Concen: 51.386 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

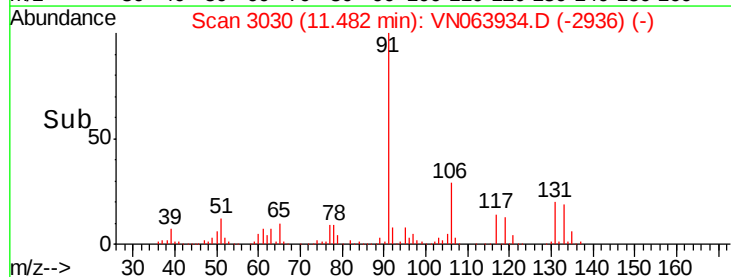
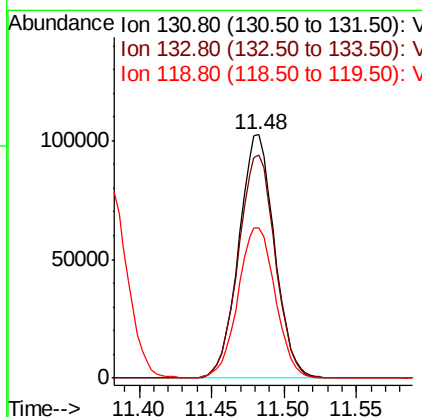
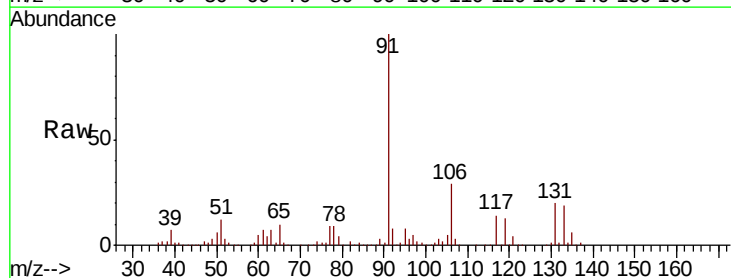
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

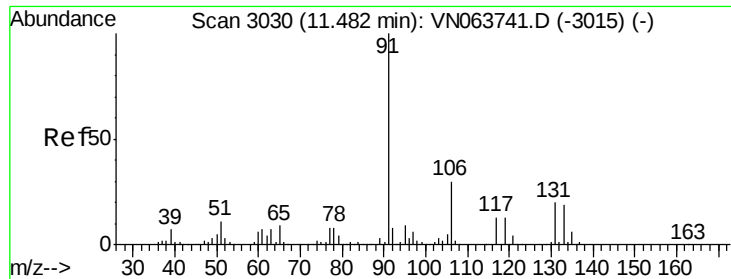
Tot Ion:112 Resp: 441573
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.383 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:131 Resp: 175868
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 64.5 32.6 97.7

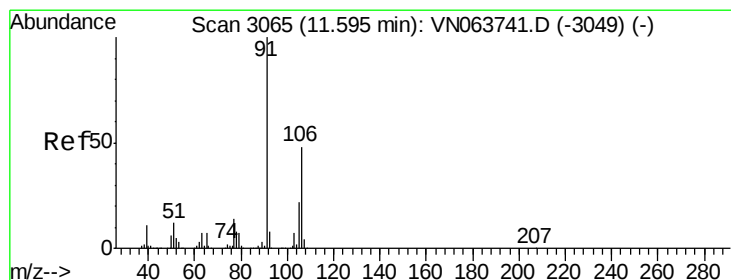
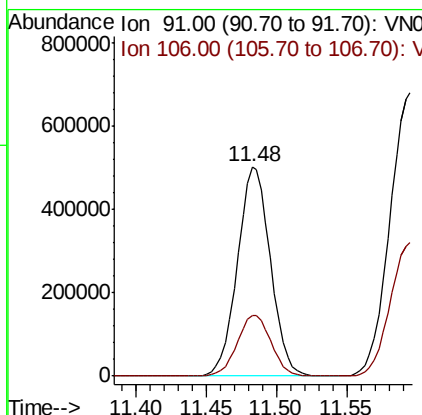
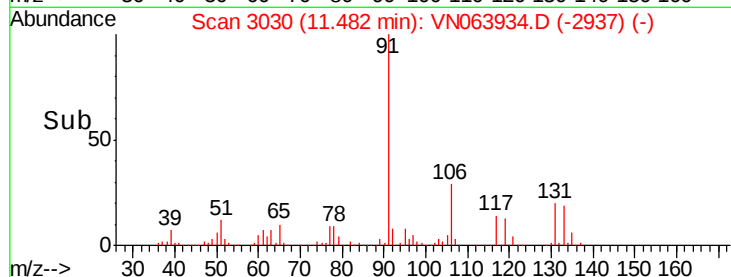
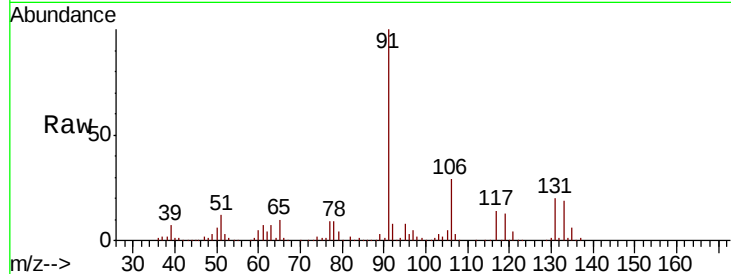




#67
Ethyl Benzene
Concen: 52.661 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

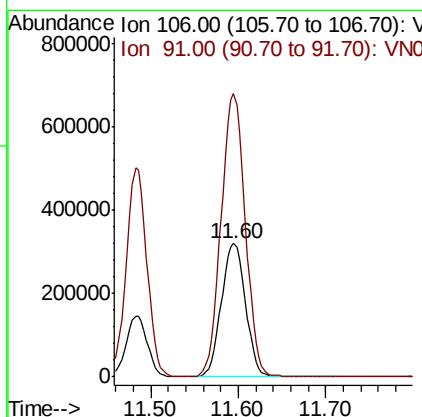
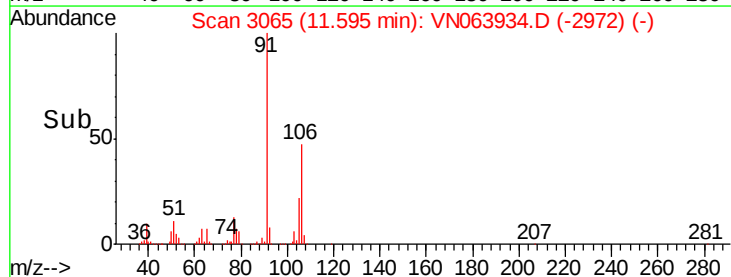
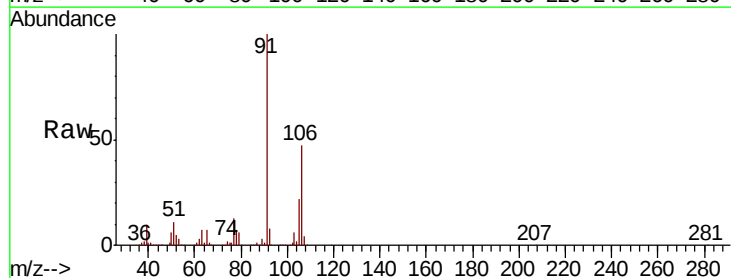
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

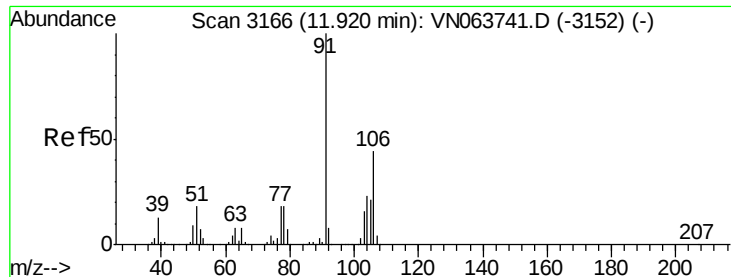
Tot Ion: 91 Resp: 823447
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2



#68
m/p-Xylenes
Concen: 105.151 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 106 Resp: 612794
Ion Ratio Lower Upper
106 100
91 212.1 168.0 252.0

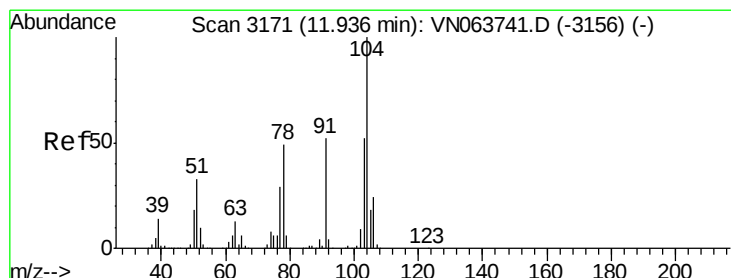
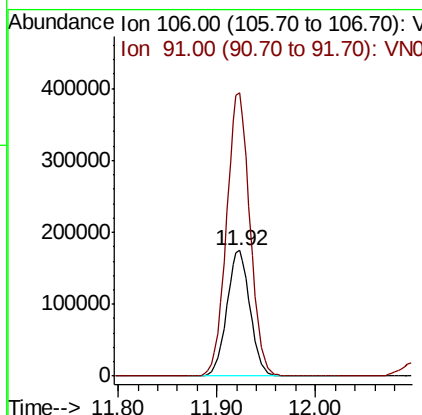
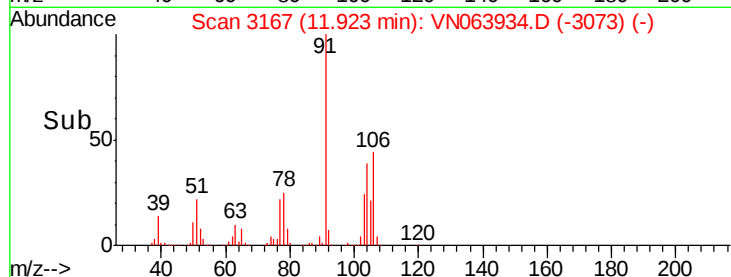
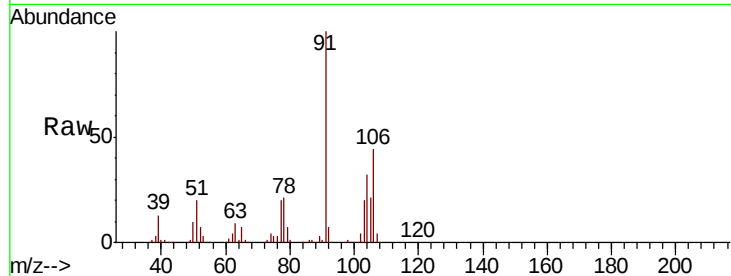




#69
o-Xylene
Concen: 52.863 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

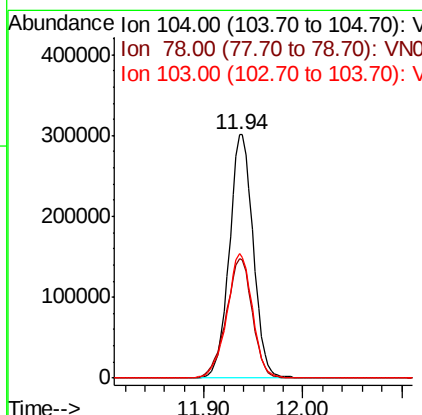
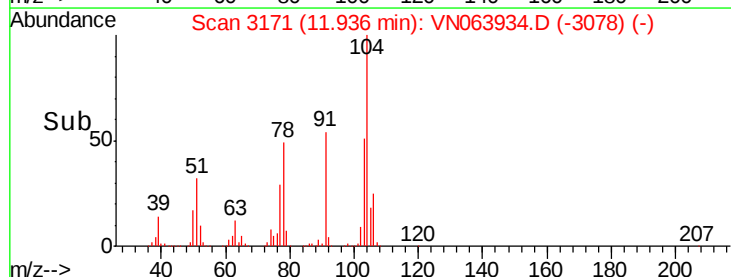
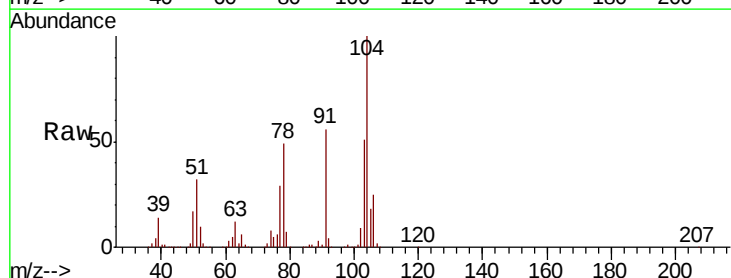
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

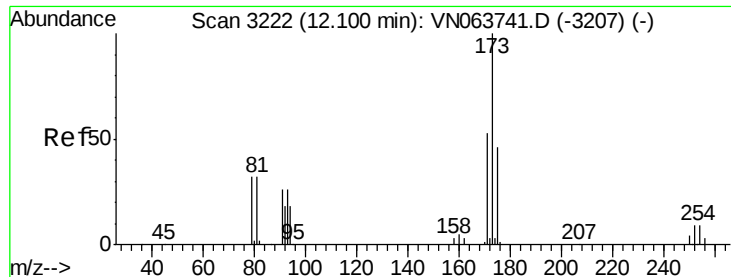
Tot Ion:106 Resp: 287945
Ion Ratio Lower Upper
106 100
91 227.1 112.7 338.0



#70
Styrene
Concen: 55.191 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:104 Resp: 510309
Ion Ratio Lower Upper
104 100
78 53.8 44.1 66.1
103 54.4 44.3 66.5





#71

Bromoform

Concen: 53.037 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

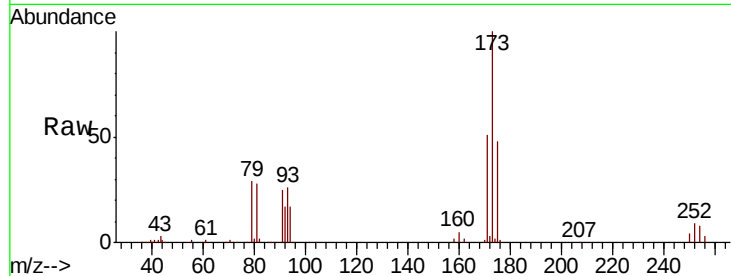
Tot Ion:173 Resp: 133632

Ion Ratio Lower Upper

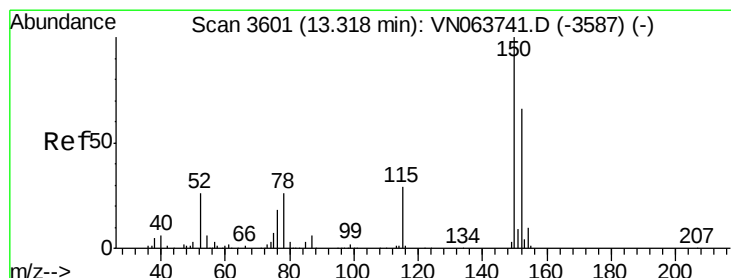
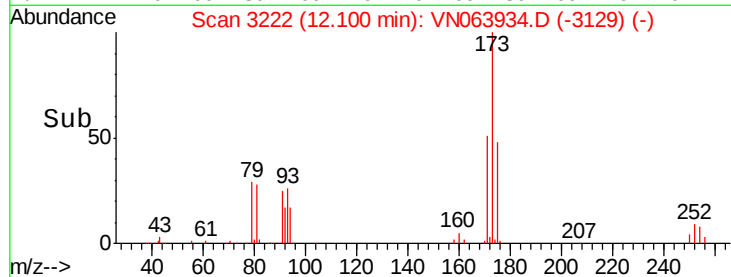
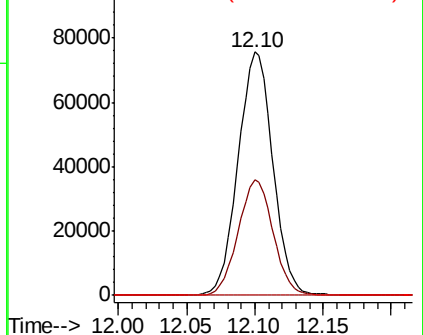
173 100

175 47.9 23.5 70.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

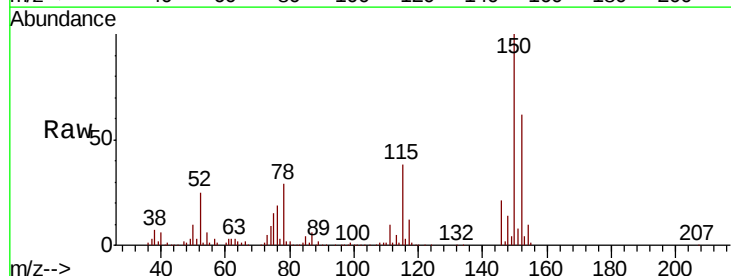
Tgt Ion:152 Resp: 210199

Ion Ratio Lower Upper

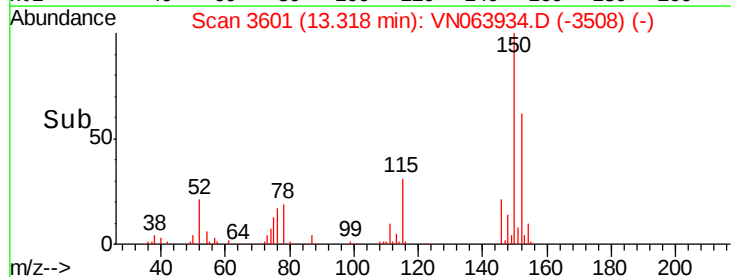
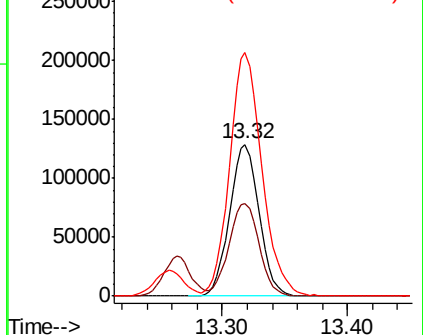
152 100

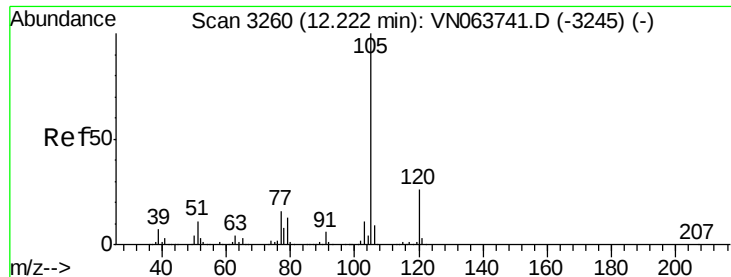
115 62.0 31.3 93.8

150 175.1 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: 51.048 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

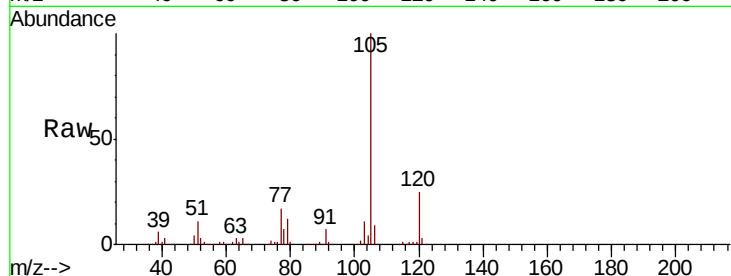
VSTDCCC050

Tot Ion:105 Resp: 782658

Ion Ratio Lower Upper

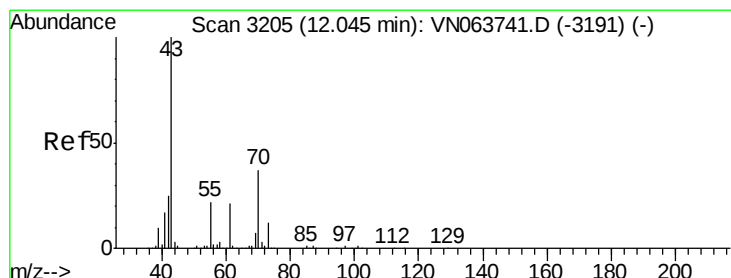
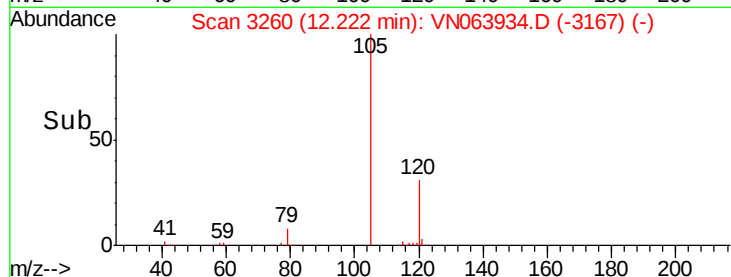
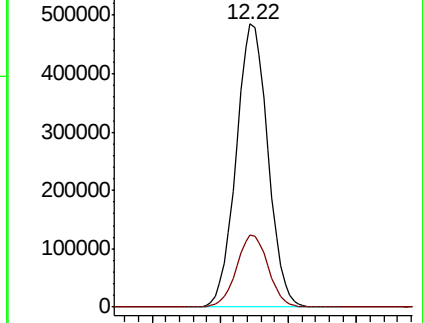
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.690 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Tgt Ion: 43 Resp: 353989

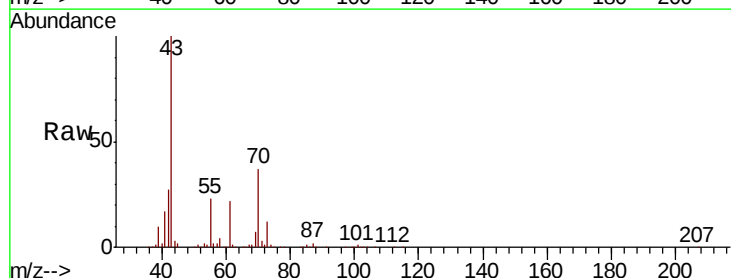
Ion Ratio Lower Upper

43 100

70 36.4 29.8 44.8

55 23.6 17.9 26.9

61 21.4 17.0 25.4

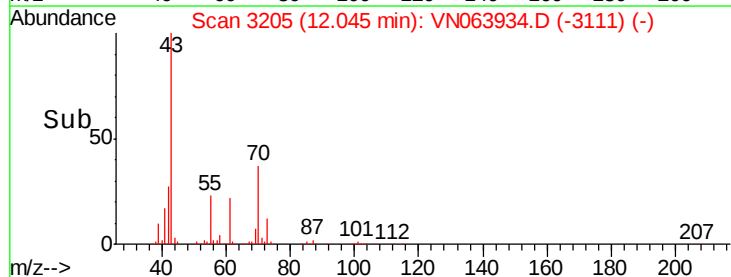
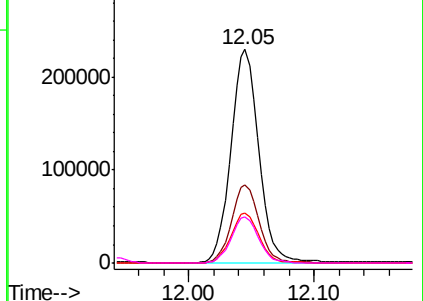


Abundance Ion 43.00 (42.70 to 43.70): V

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: 51.506 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

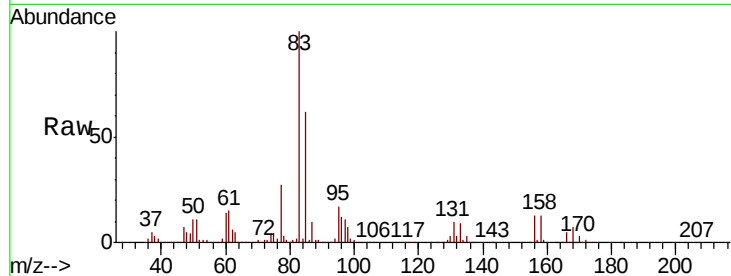
Tot Ion: 83 Resp: 241474

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

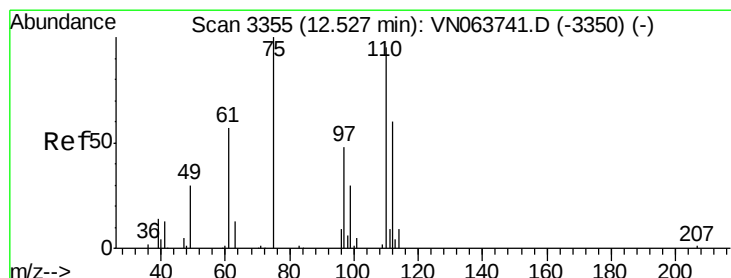
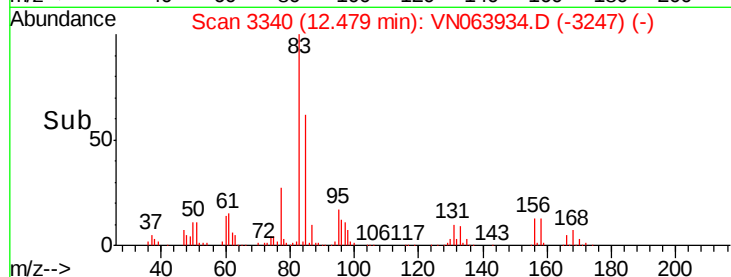
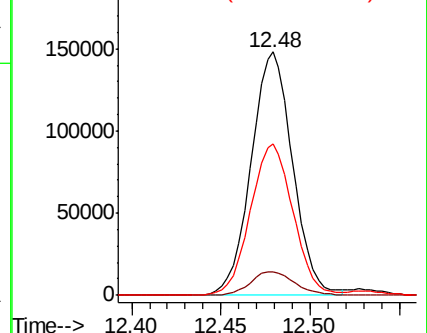
85 63.6 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063934.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063934.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063934.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 72.141 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063934.D

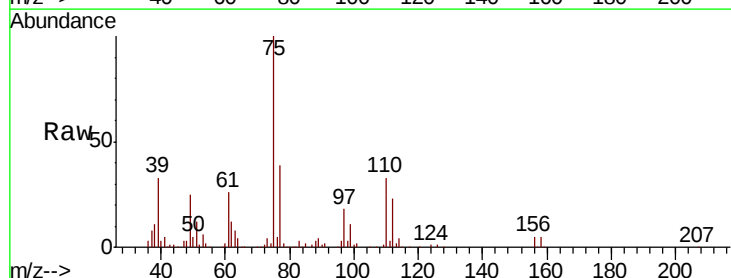
Acq: 7 Oct 2020 10:21

Tgt Ion: 75 Resp: 334275

Ion Ratio Lower Upper

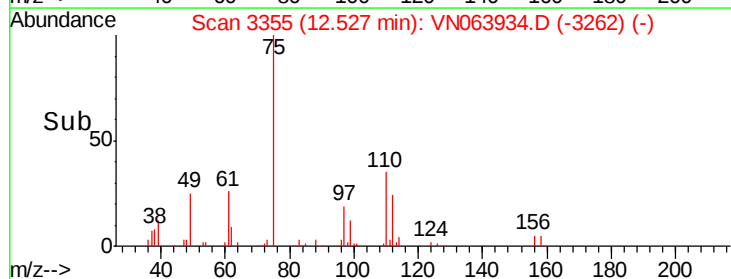
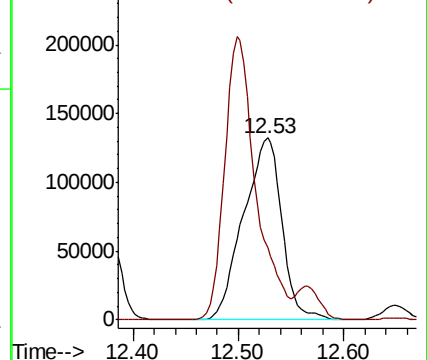
75 100

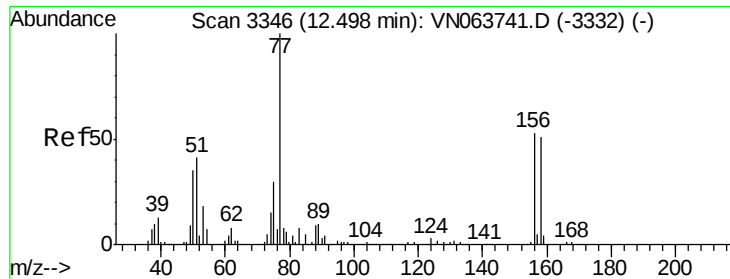
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063934.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063934.D (-3262) (-)

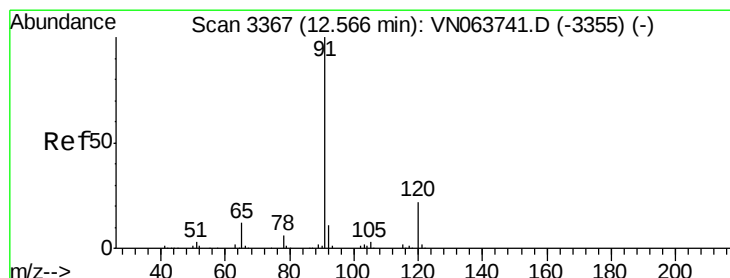
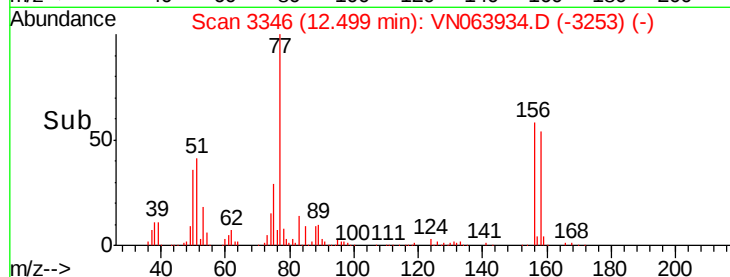
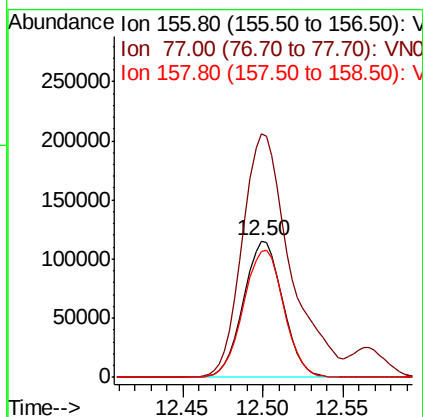
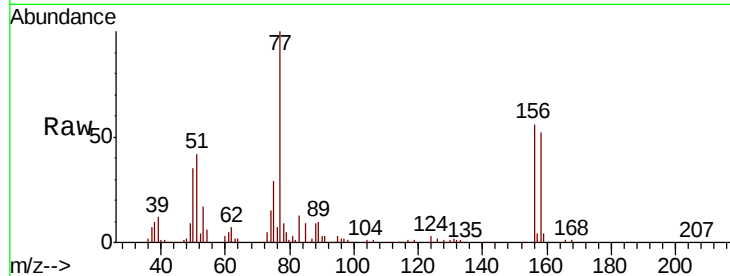




#77
Bromobenzene
Concen: 51.603 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

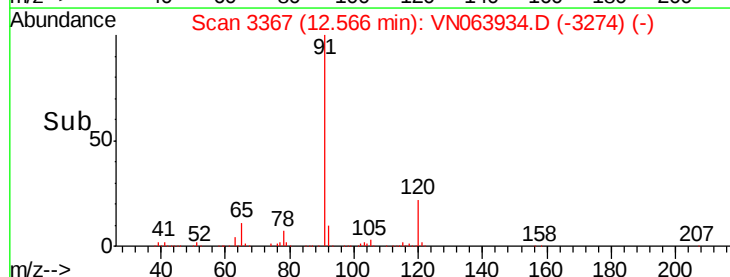
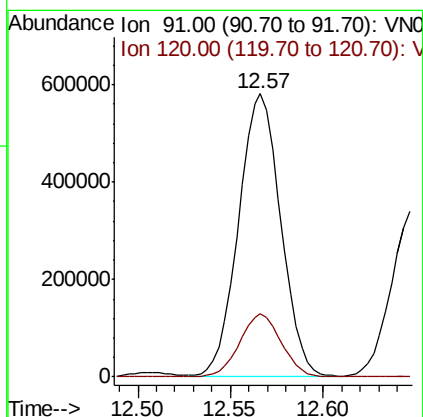
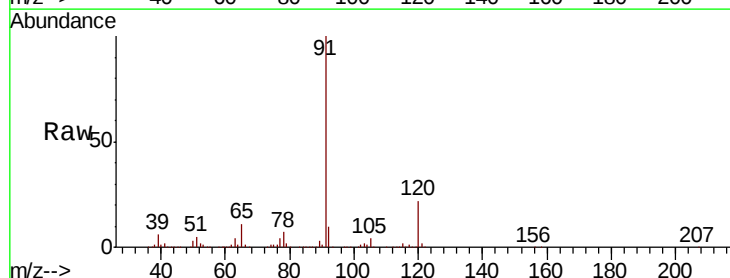
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

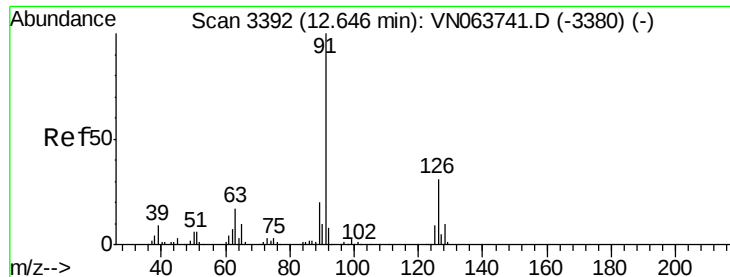
Tot Ion:156 Resp: 194132
Ion Ratio Lower Upper
156 100
77 218.7 110.9 332.7
158 95.7 47.7 143.1



#78
n-propylbenzene
Concen: 51.068 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 91 Resp: 911216
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1

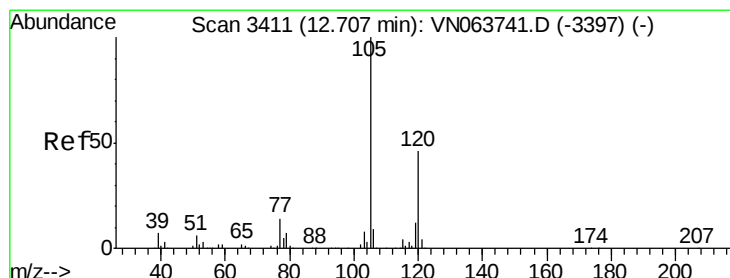
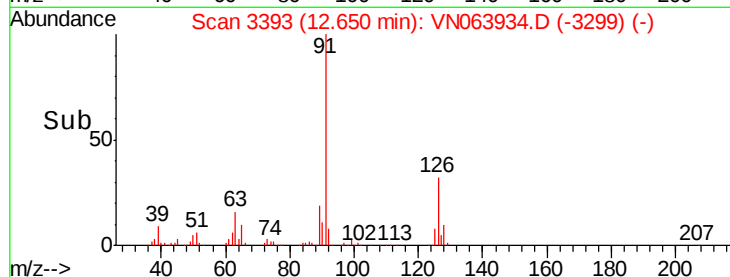
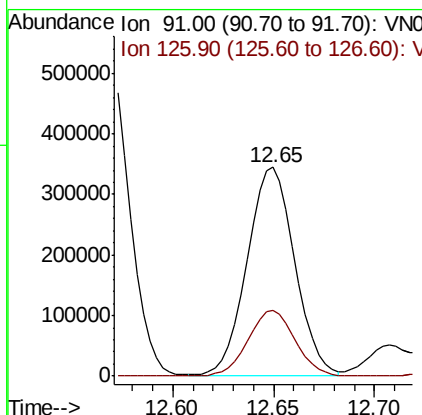
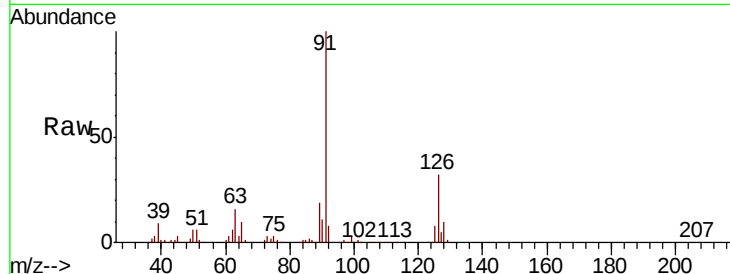




#79
 2-Chlorotoluene
 Concen: 51.509 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

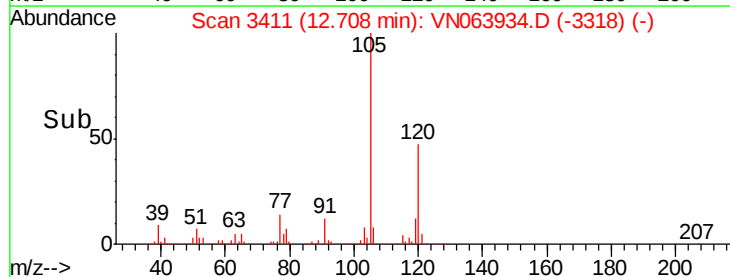
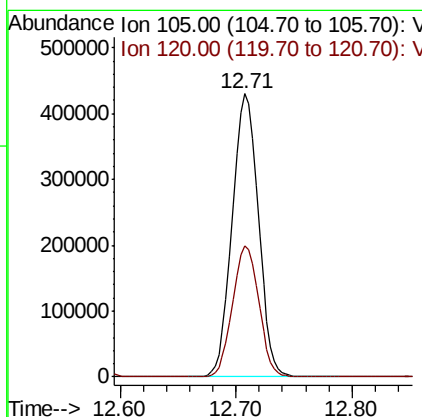
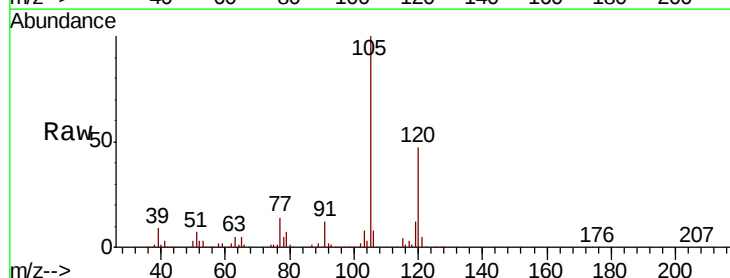
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

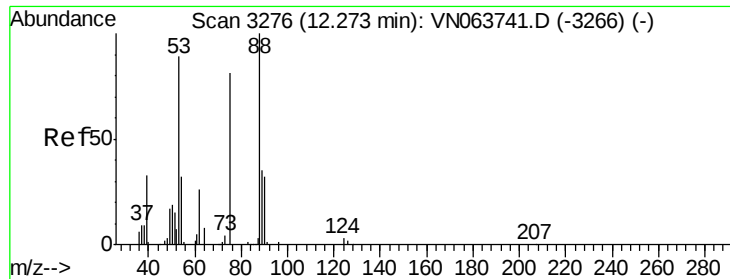
Tot Ion: 91 Resp: 565254
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.009 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion: 105 Resp: 668966
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9

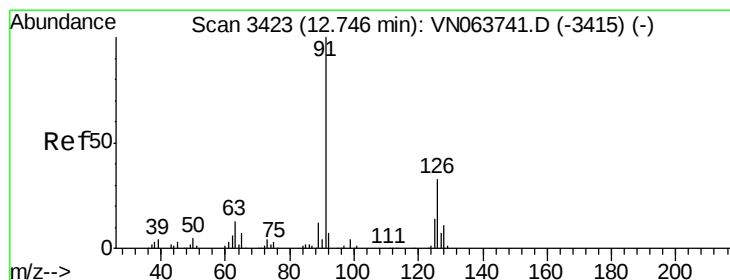
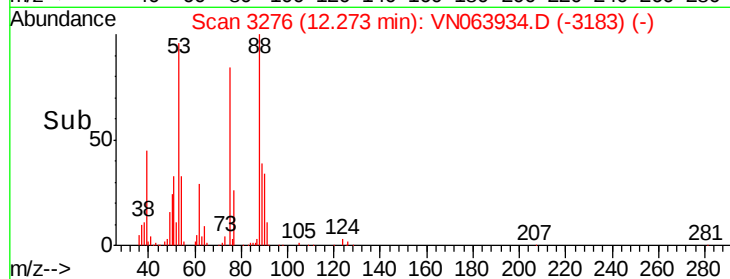
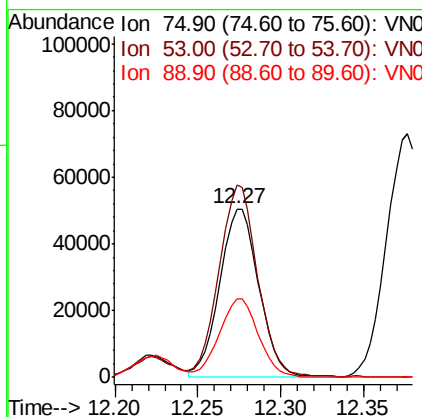
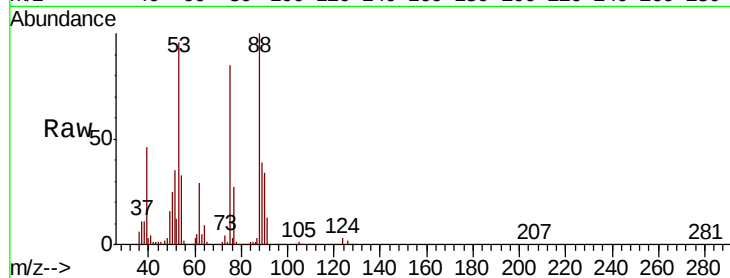




#81
trans-1,4-Dichloro-2-butene
Concen: 51.599 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

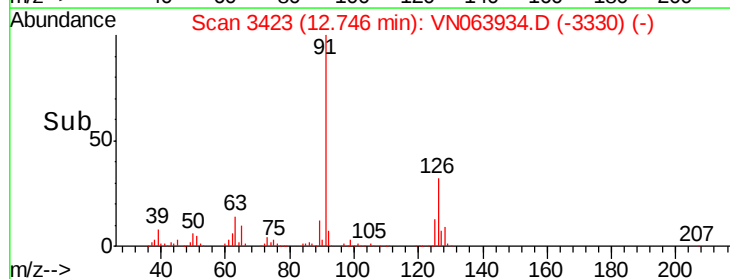
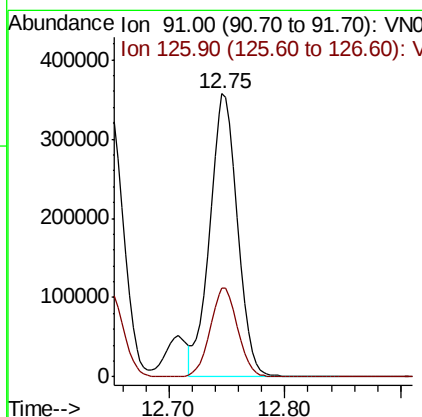
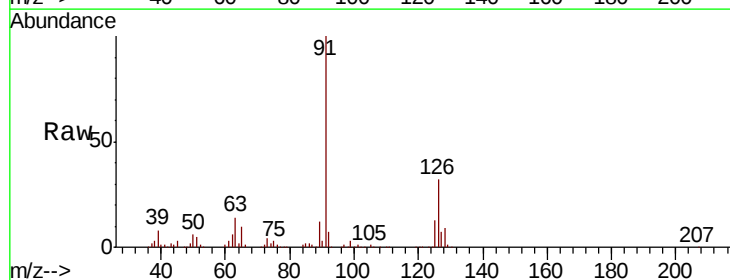
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

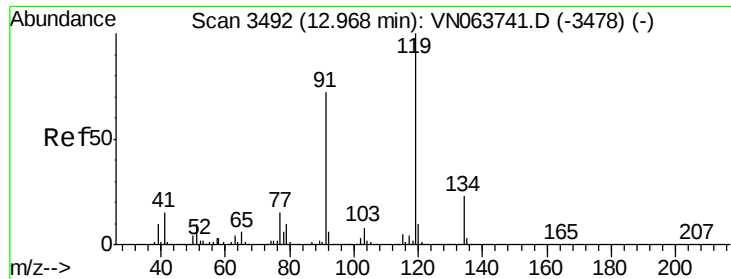
Tot Ion: 75 Resp: 83013
Ion Ratio Lower Upper
75 100
53 112.2 88.2 132.2
89 47.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.323 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 91 Resp: 596062
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

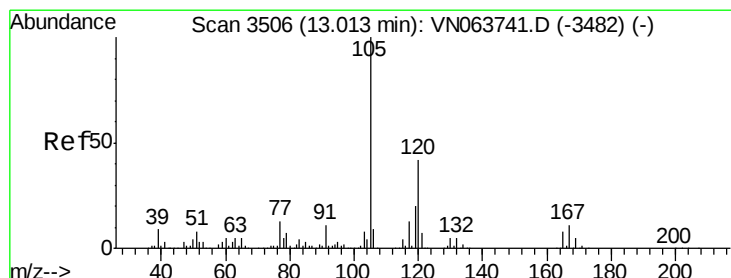
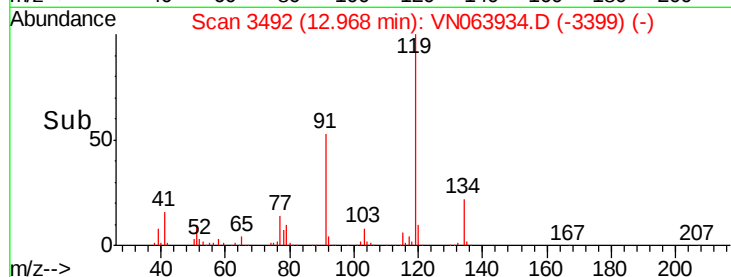
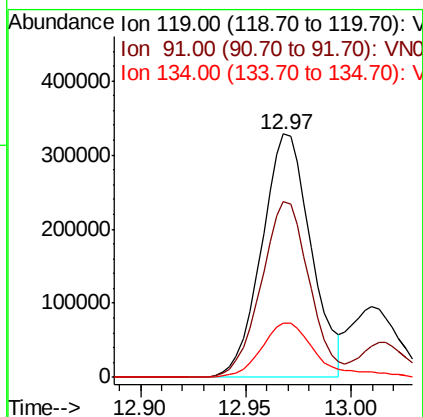
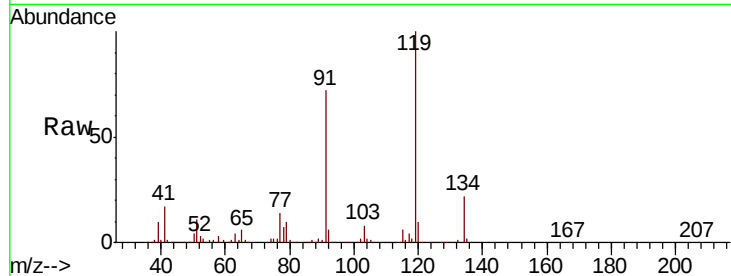




#83
tert-Butylbenzene
Concen: 50.827 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

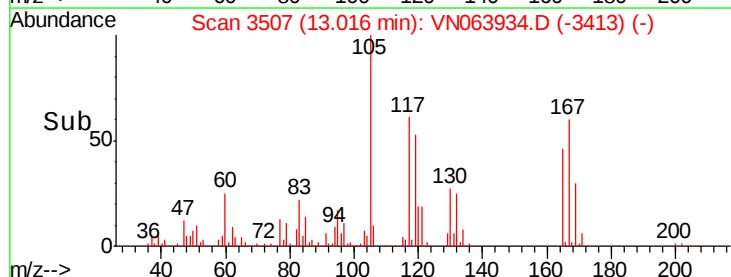
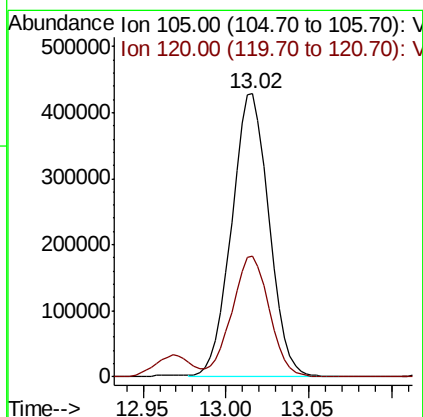
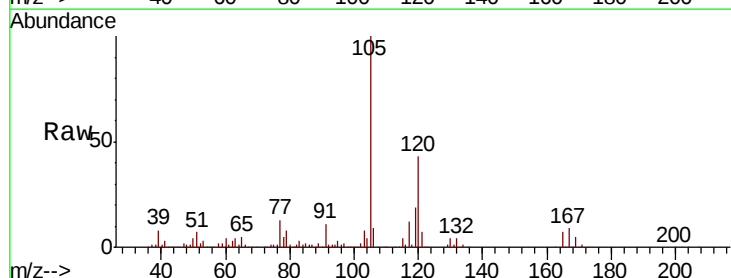
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

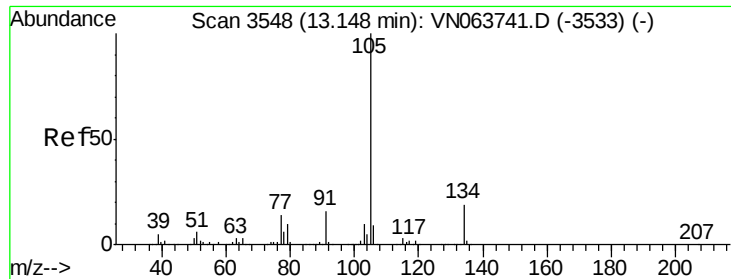
Tot Ion:119 Resp: 534766
Ion Ratio Lower Upper
119 100
91 70.4 35.5 106.5
134 24.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.074 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion:105 Resp: 668741
Ion Ratio Lower Upper
105 100
120 42.9 20.9 62.7





#85

sec-Butylbenzene

Concen: 50.571 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

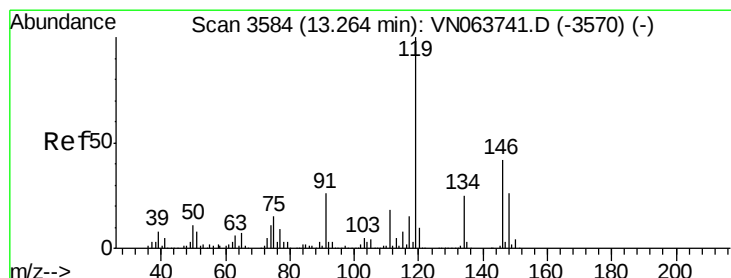
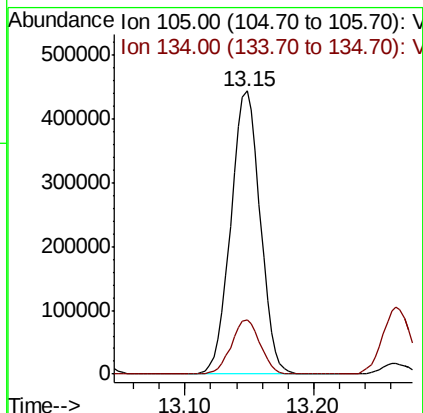
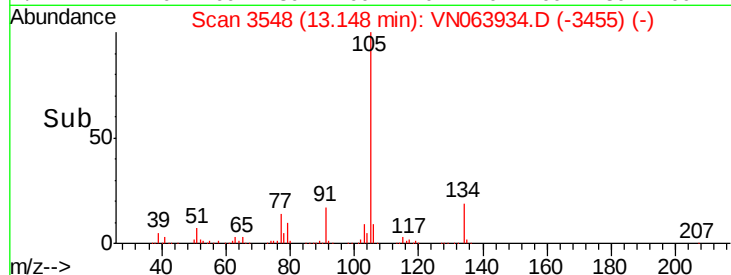
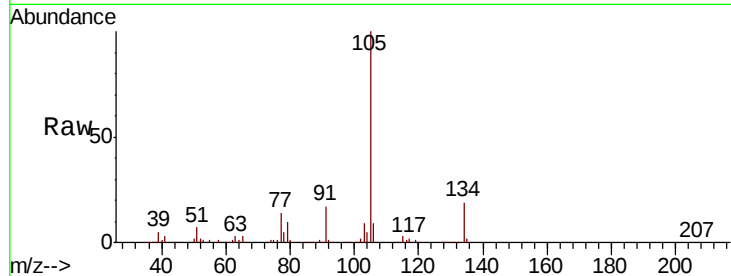
VSTDCCC050

Tot Ion:105 Resp: 698842

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 52.269 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

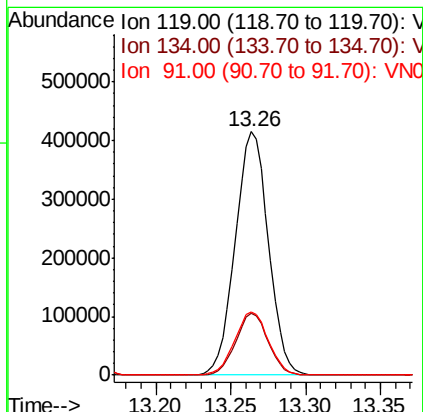
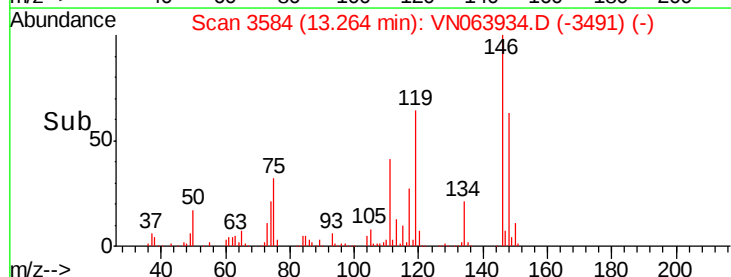
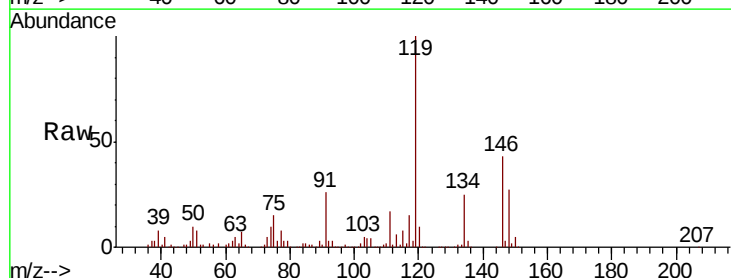
Tgt Ion:119 Resp: 638997

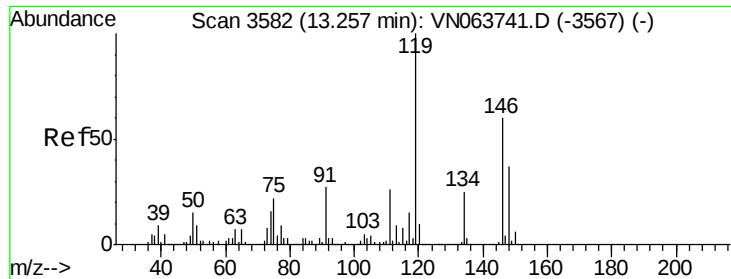
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.2 13.4 40.2

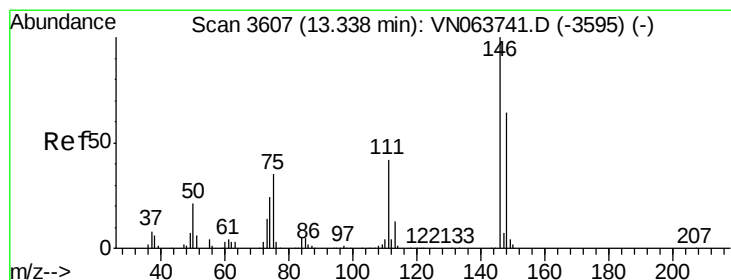
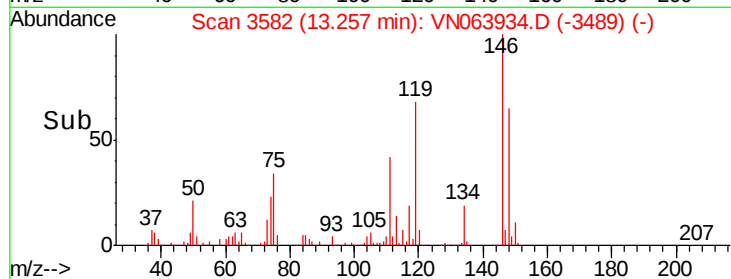
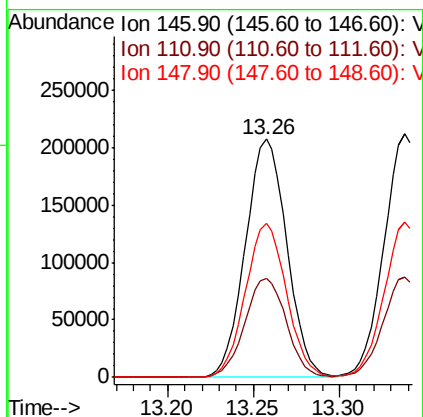
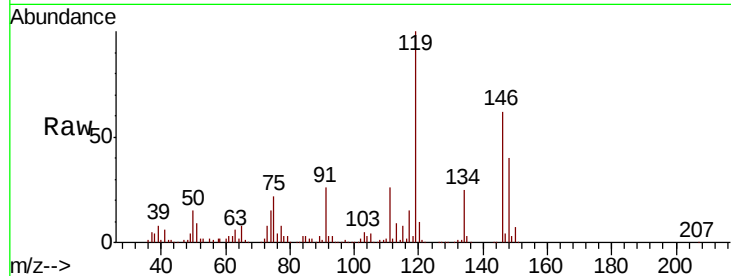




#87
 1,3-Dichlorobenzene
 Concen: 51.082 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

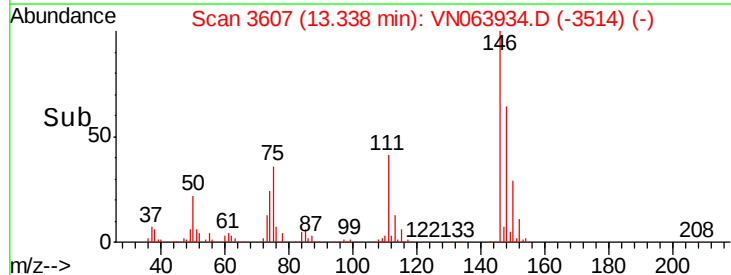
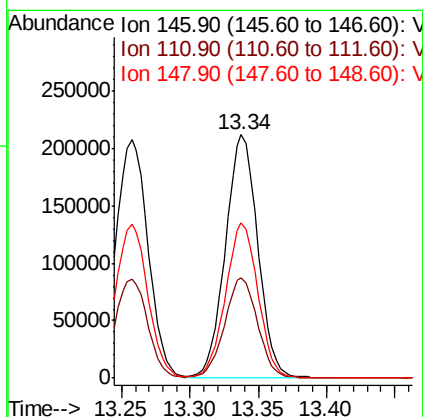
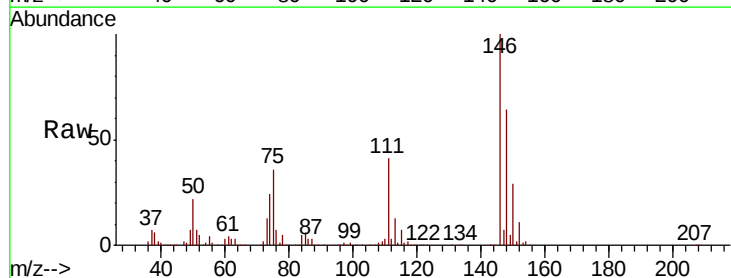
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

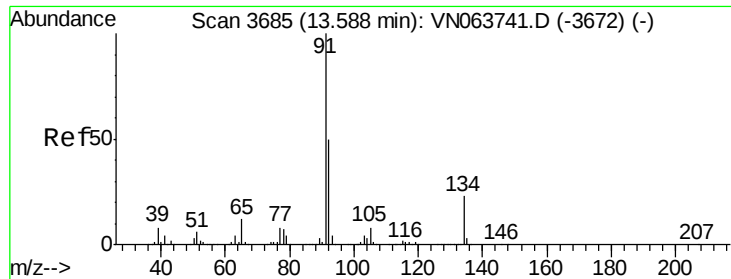
Tot Ion:146 Resp: 347666
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.5 64.5
 148 63.8 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 49.202 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion:146 Resp: 348672
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.7
 148 63.7 32.0 96.0

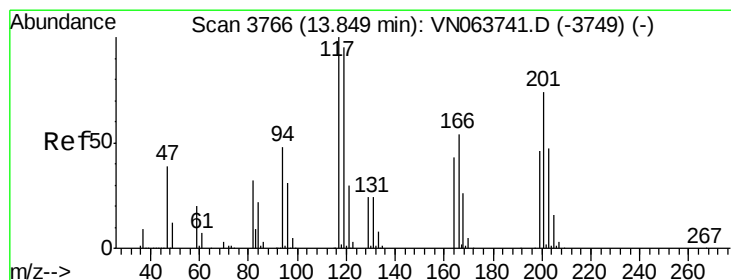
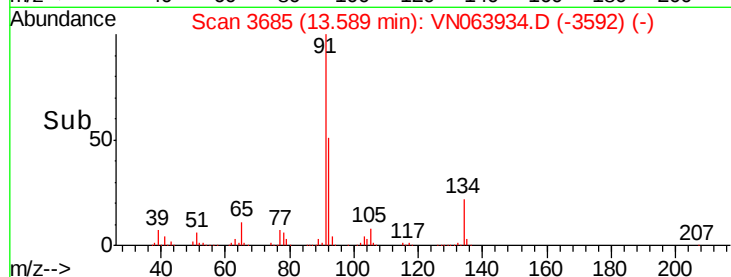
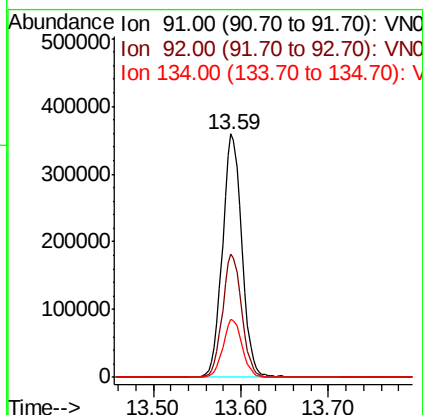
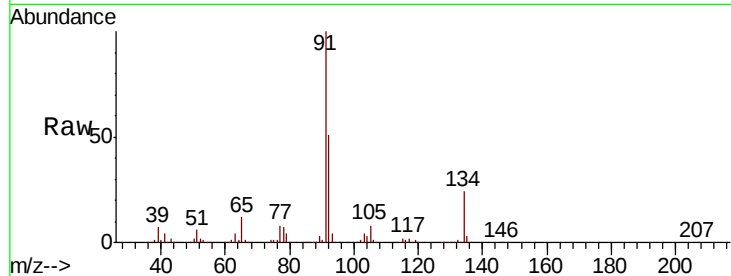




#89
n-Butylbenzene
Concen: 49.217 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

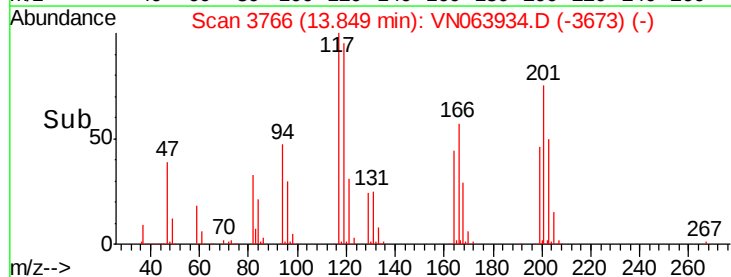
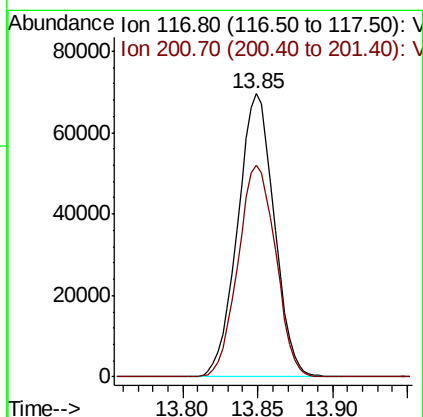
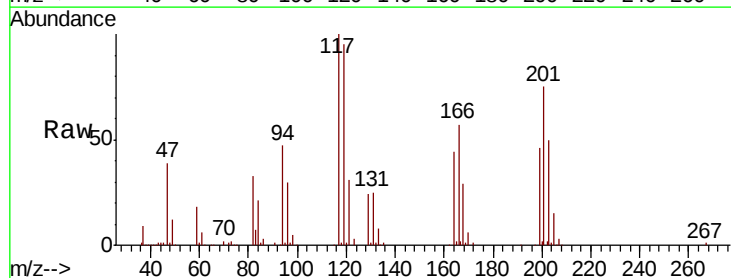
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 555330
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.4
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 49.971 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063934.D
Acq: 7 Oct 2020 10:21

Tgt Ion: 117 Resp: 118378
Ion Ratio Lower Upper
117 100
201 76.9 36.0 108.0

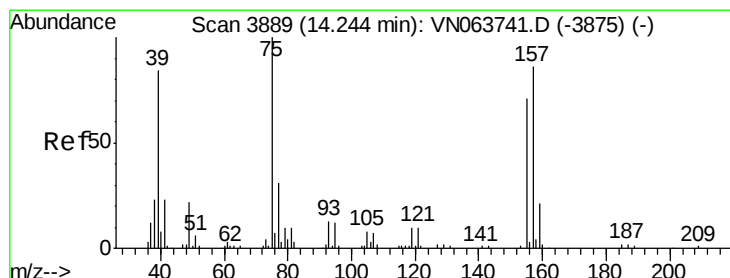
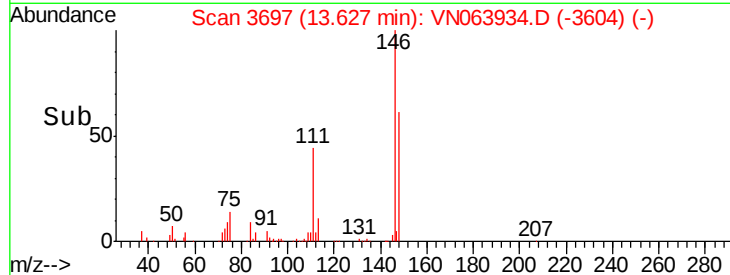
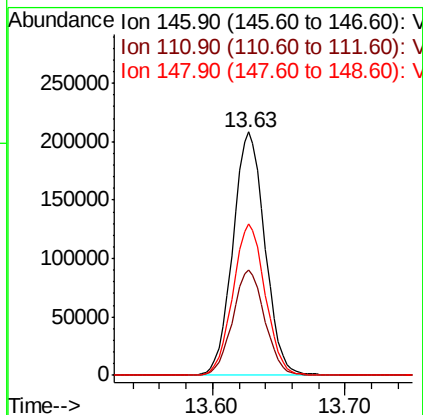
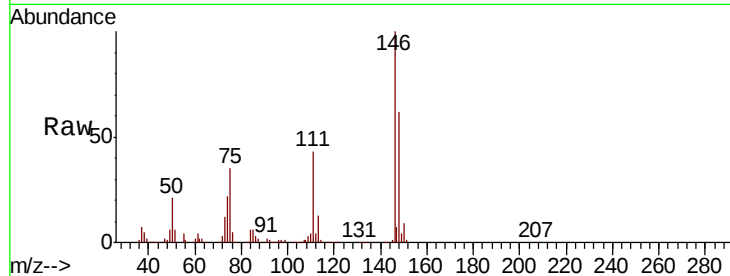




#91
 1,2-Dichlorobenzene
 Concen: 51.769 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

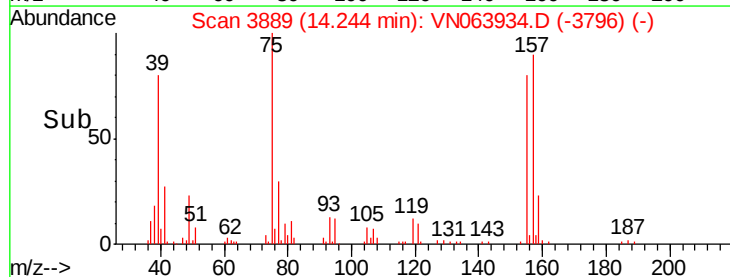
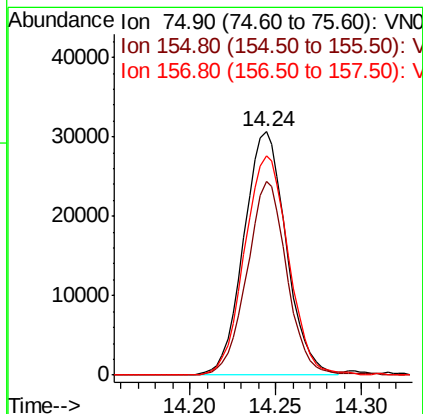
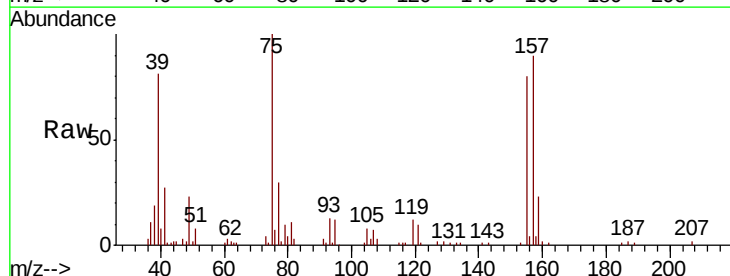
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	63.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.777 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	34.8	104.5
157	93.0	43.7	131.1

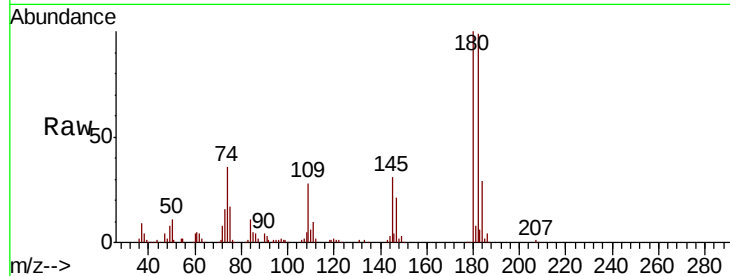




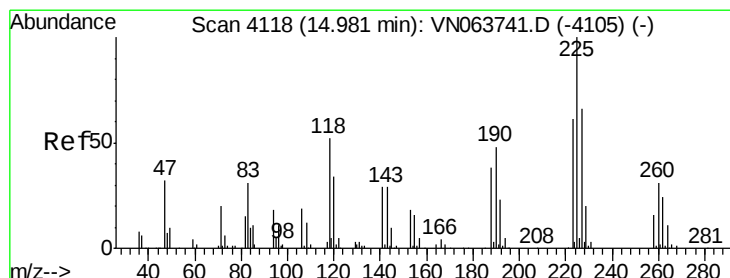
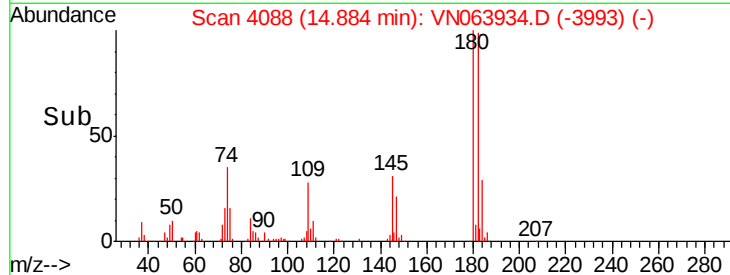
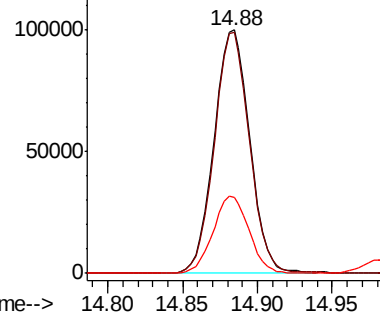
#93
 1,2,4-Trichlorobenzene
 Concen: 45.428 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 165918
 Ion Ratio Lower Upper
 180 100
 182 97.5 48.2 144.6
 145 31.9 17.1 51.2

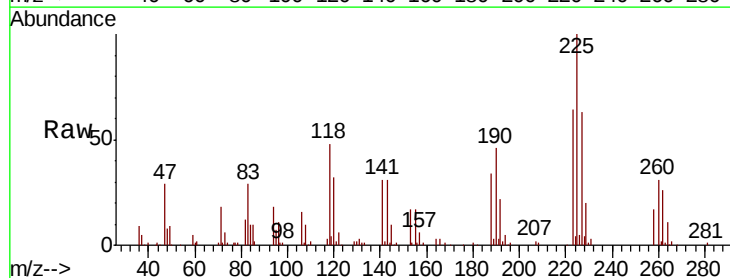


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

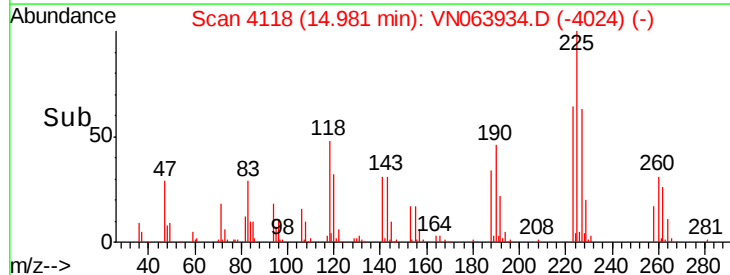
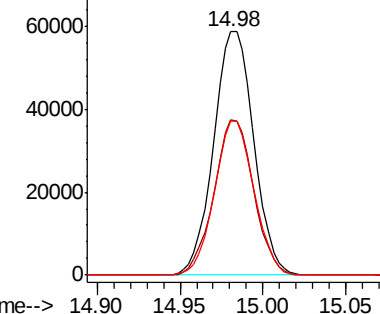


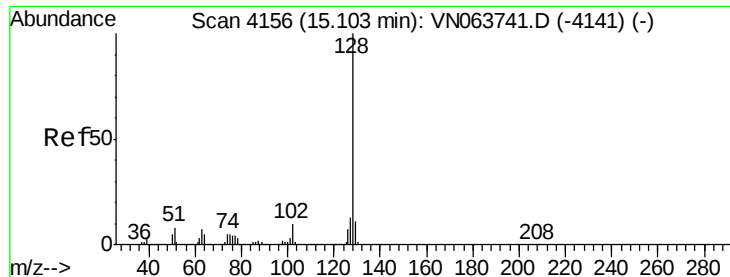
#94
 Hexachlorobutadiene
 Concen: 54.115 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063934.D
 Acq: 7 Oct 2020 10:21

Tgt Ion:225 Resp: 98920
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.3 91.0
 227 62.0 31.9 95.5



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





#95

Naphthalene

Concen: 42.533 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

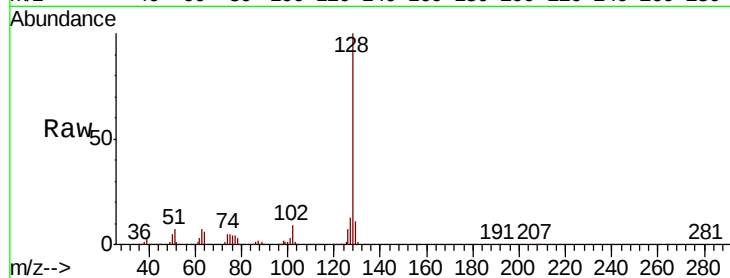
Tot Ion:128 Resp: 479016

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

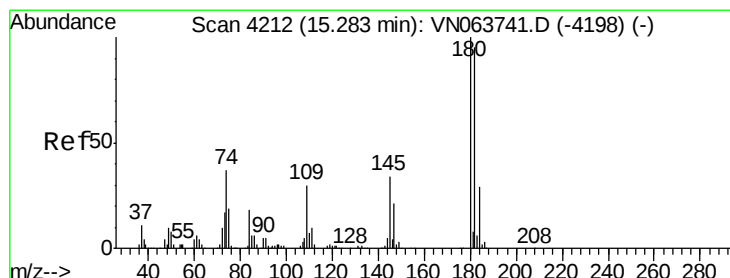
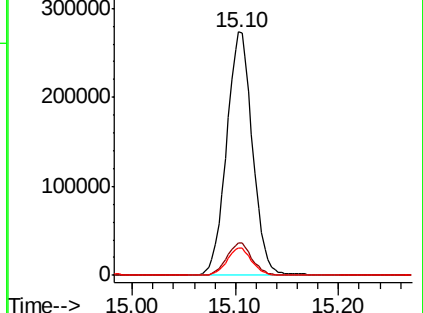
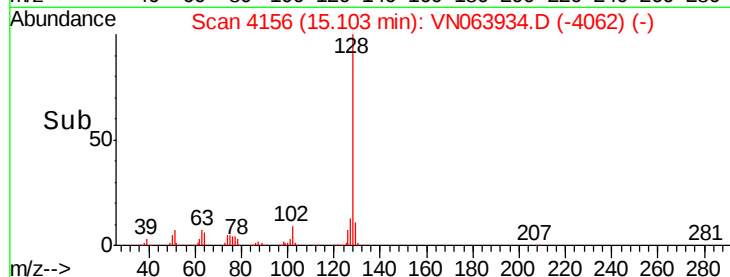
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.369 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063934.D

Acq: 7 Oct 2020 10:21

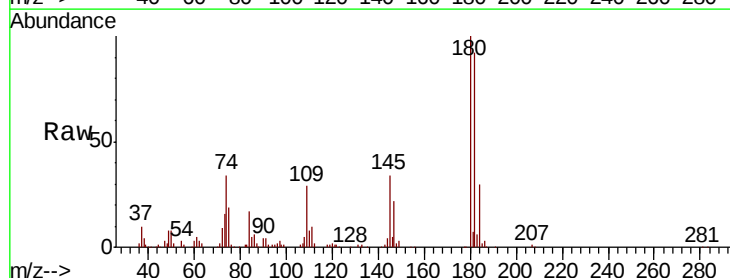
Tgt Ion:180 Resp: 160766

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 34.1 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

