

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063932.D
 Acq On : 7 Oct 2020 7:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 08:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219932	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.55	113	152172	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.06	98	551814	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.38	95	208036	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125776	46.289	ug/l	97
3) Chloromethane	2.04	50	150959	47.348	ug/l	99
4) Vinyl Chloride	2.16	62	146941	45.914	ug/l	100
5) Bromomethane	2.52	94	89250	44.336	ug/l	100
6) Chloroethane	2.67	64	100214	52.403	ug/l	100
7) Trichlorofluoromethane	2.98	101	243206	47.915	ug/l	95
8) Diethyl Ether	3.38	74	87075	50.725	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122561	45.177	ug/l	98
10) Methyl Iodide	3.91	142	160091	50.823	ug/l	100
11) Tert butyl alcohol	4.73	59	132839	282.822	ug/l	99
12) 1,1-Dichloroethene	3.70	96	125035	48.218	ug/l	98
13) Acrolein	3.57	56	138558	480.653	ug/l	100
14) Allyl chloride	4.28	41	224257	46.550	ug/l	99
15) Acrylonitrile	4.93	53	377978	281.137	ug/l	100
16) Acetone	3.77	43	360426	275.214	ug/l	98
17) Carbon Disulfide	4.01	76	333168	47.571	ug/l	99
18) Methyl Acetate	4.27	43	197938	58.212	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	498653	52.930	ug/l	100
20) Methylene Chloride	4.51	84	155766	51.924	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	142207	48.960	ug/l	98
22) Diisopropyl ether	5.90	45	559256	56.424	ug/l	98
23) Vinyl Acetate	5.84	43	2280525	277.757	ug/l	99
24) 1,1-Dichloroethane	5.80	63	294900	52.036	ug/l	99
25) 2-Butanone	6.78	43	543432	292.684	ug/l	99
26) 2,2-Dichloropropane	6.78	77	173563	33.442	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	166685	49.898	ug/l	96
28) Bromochloromethane	7.15	49	152957	54.607	ug/l	100
29) Tetrahydrofuran	7.16	42	362550	291.138	ug/l	97
30) Chloroform	7.33	83	308719	52.244	ug/l	96
31) Cyclohexane	7.61	56	220410	44.626	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	279490	52.438	ug/l	99
36) 1,1-Dichloropropene	7.75	75	209501	47.748	ug/l	99
37) Ethyl Acetate	6.88	43	230436	52.862	ug/l	99
38) Carbon Tetrachloride	7.74	117	235713	47.909	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	180103	41.162	ug/l	99
40) Benzene	8.00	78	626203	49.968	ug/l	98
41) Methacrylonitrile	7.13	41	113160	58.408	ug/l	95
42) 1,2-Dichloroethane	8.09	62	276361	51.661	ug/l	98
43) Isopropyl Acetate	8.13	43	392729	54.619	ug/l	99
44) Trichloroethene	8.80	130	156852	47.768	ug/l	100
45) 1,2-Dichloropropane	9.08	63	175243	51.777	ug/l	98
46) Dibromomethane	9.17	93	115719	49.562	ug/l	98
47) Bromodichloromethane	9.37	83	254358	52.859	ug/l	99
48) Methyl methacrylate	9.16	41	204287	57.506	ug/l	91
49) 1,4-Dioxane	9.16	88	52914	1048.047	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1218898	288.867	ug/l	99
52) Toluene	10.13	92	397813	51.320	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	250419	48.548	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	262839	48.724	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	159913	51.441	ug/l	99
56) Ethyl methacrylate	10.40	69	240776	54.642	ug/l	95
57) 1,3-Dichloropropane	10.68	76	280198	53.277	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	651738	276.508	ug/l	99
59) 2-Hexanone	10.72	43	886911	282.945	ug/l	99
60) Dibromochloromethane	10.87	129	188840	52.161	ug/l	100
61) 1,2-Dibromoethane	10.98	107	165877	52.164	ug/l	98
64) Tetrachloroethene	10.60	164	148231	46.580	ug/l	99
65) Chlorobenzene	11.41	112	419884	49.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	167502	51.782	ug/l	98
67) Ethyl Benzene	11.48	91	761637	49.607	ug/l	98
68) m/p-Xylenes	11.60	106	558943	97.681	ug/l	98
69) o-Xylene	11.92	106	271220	50.711	ug/l	98
70) Styrene	11.94	104	470638	51.840	ug/l	99
71) Bromoform	12.10	173	129925	52.517	ug/l #	98
73) Isopropylbenzene	12.23	105	707955	48.093	ug/l	99
74) N-amyl acetate	12.05	43	348574	50.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	233760	51.930	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	314099	70.602	ug/l #	100
77) Bromobenzene	12.50	156	180938	50.093	ug/l	99
78) n-propylbenzene	12.57	91	805231	47.002	ug/l	100
79) 2-Chlorotoluene	12.65	91	508329	48.245	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	605142	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	67498	43.697	ug/l	93
82) 4-Chlorotoluene	12.75	91	542241	49.575	ug/l	100
83) tert-Butylbenzene	12.97	119	482127	47.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	611244	49.573	ug/l	99
85) sec-Butylbenzene	13.15	105	622769	46.937	ug/l	99
86) p-Isopropyltoluene	13.26	119	551905	47.020	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	318942	48.808	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	322352	47.377	ug/l	99
89) n-Butylbenzene	13.59	91	453385	41.850	ug/l	99
90) Hexachloroethane	13.85	117	108289	47.610	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	325413	50.277	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53050	50.253	ug/l	96

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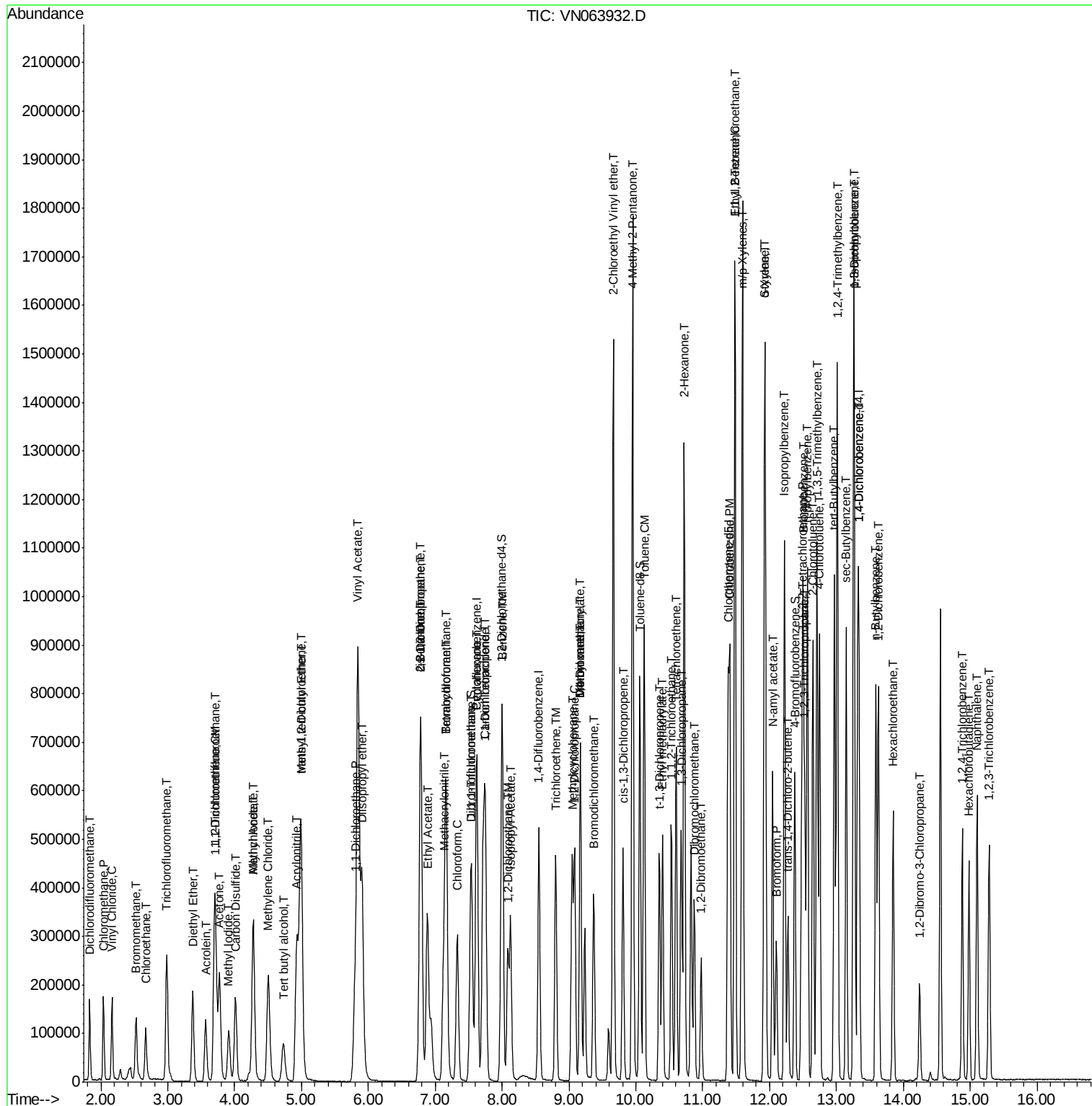
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151687	43.339	ug/l	98
94) Hexachlorobutadiene	14.98	225	80807	46.051	ug/l	99
95) Naphthalene	15.10	128	474009	43.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	151887	44.668	ug/l	100

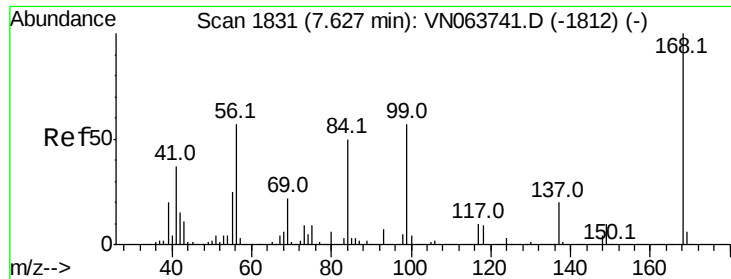
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

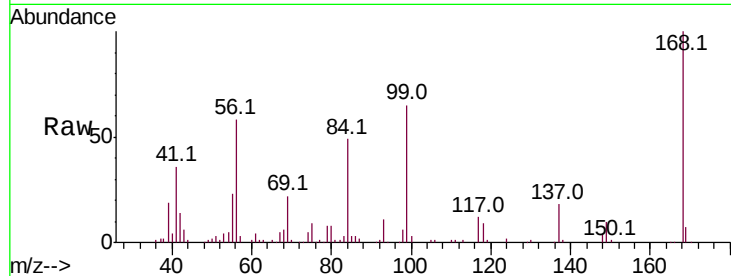
VSTDCCC050EC

Tot Ion:168 Resp: 257515

Ion Ratio Lower Upper

168 100

99 64.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

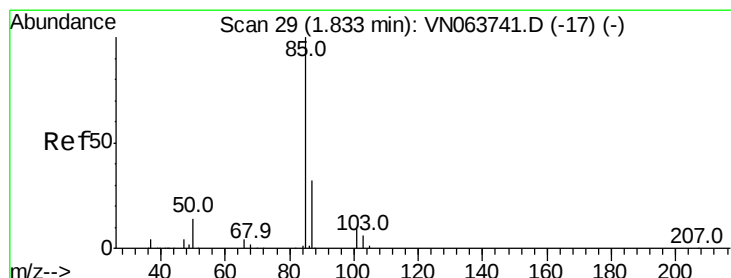
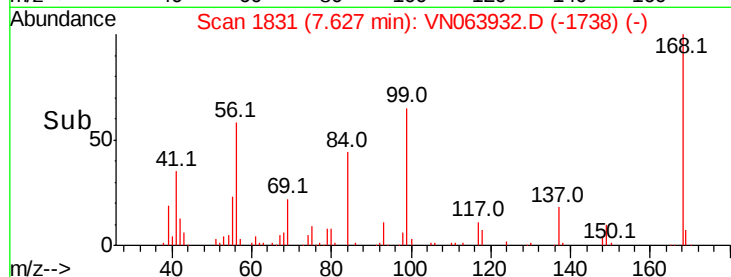
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.289 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063932.D

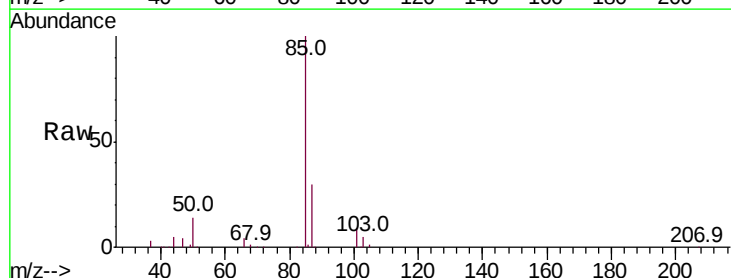
Acq: 7 Oct 2020 7:54

Tgt Ion: 85 Resp: 125776

Ion Ratio Lower Upper

85 100

87 30.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

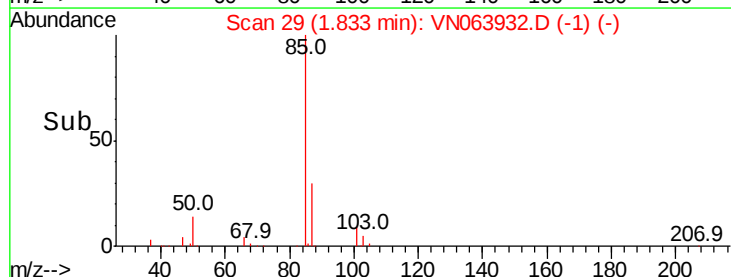
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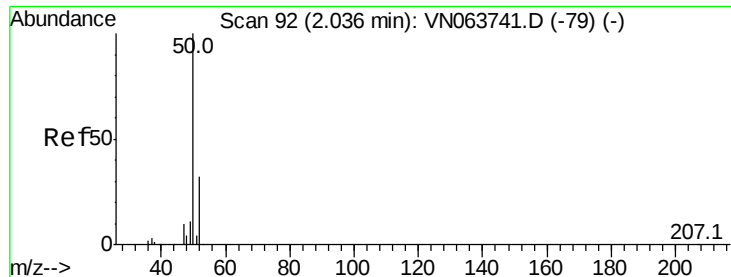
40000

20000

0

Time--> 1.75 1.80 1.85 1.90

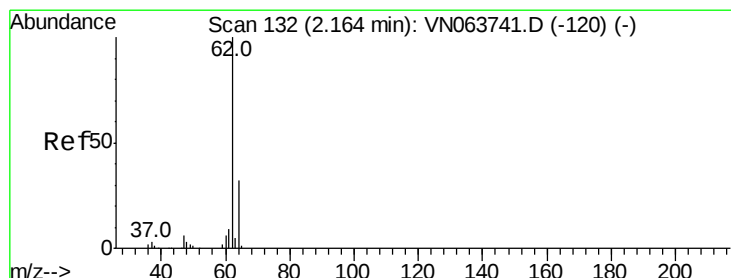
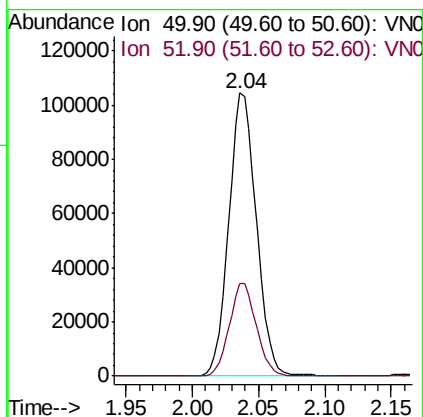
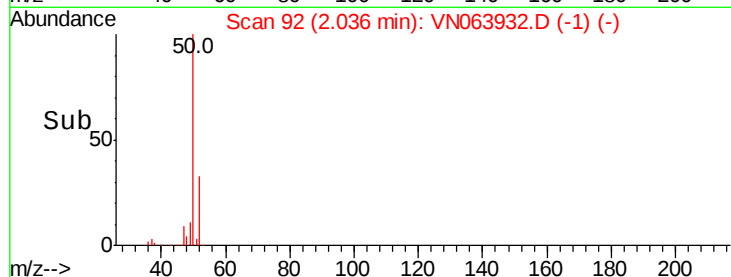
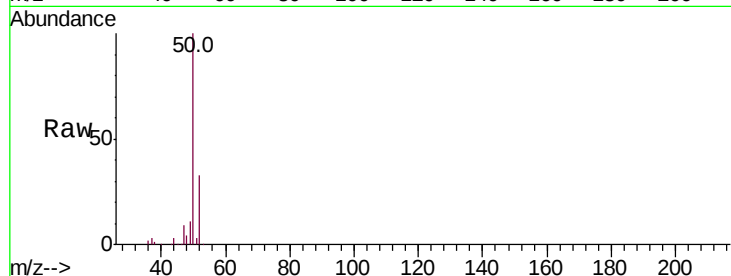




#3
Chloromethane
Concen: 47.348 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

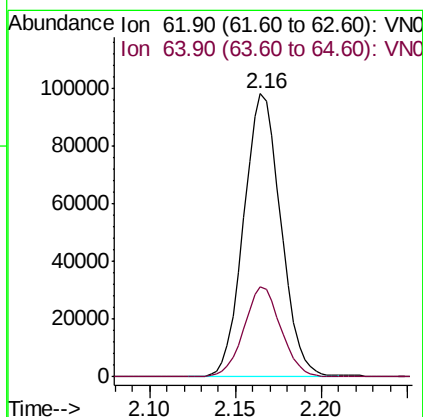
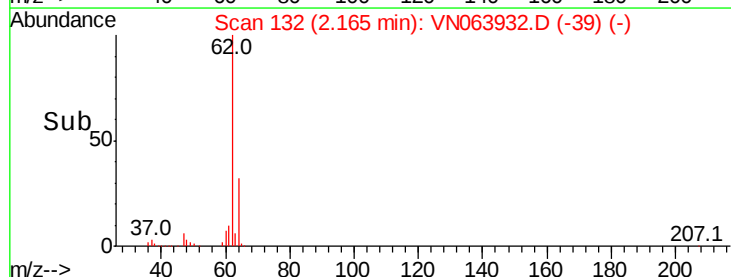
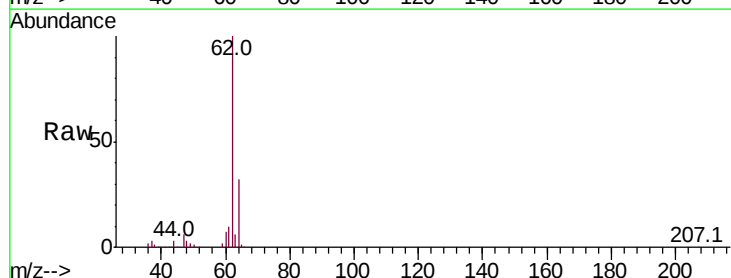
Instrument :
MSVOA_N
ClientSampleId :
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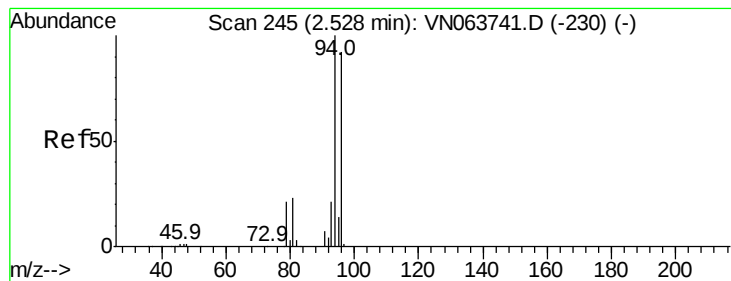
Tot Ion: 50 Resp: 150959
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 45.914 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 62 Resp: 146941
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5

Bromomethane

Concen: 44.336 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

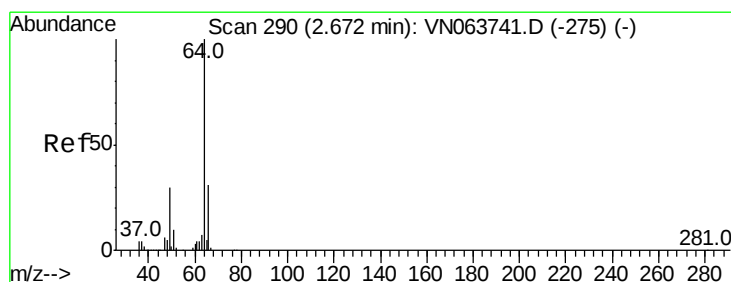
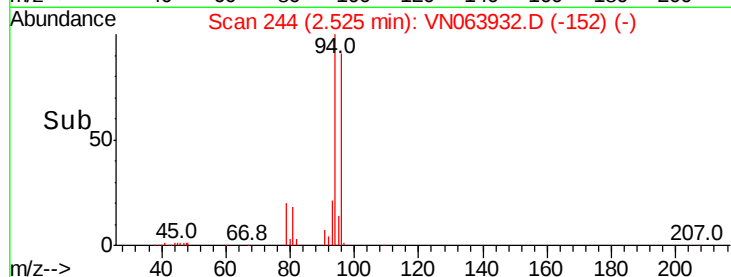
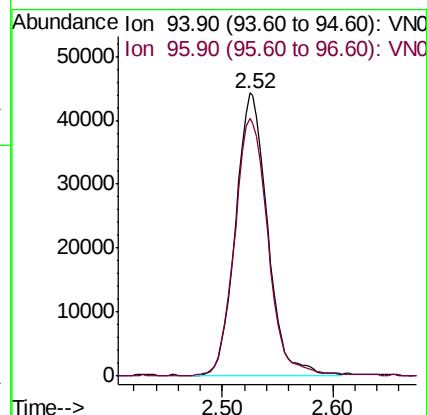
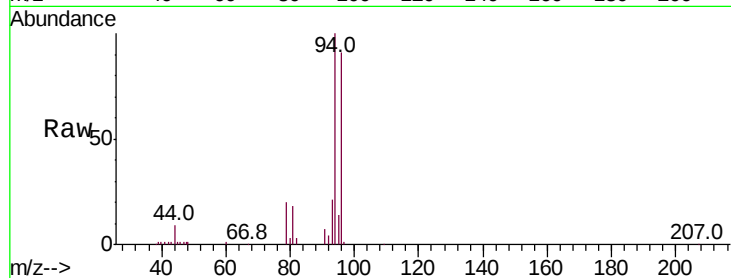
VSTDCCC050EC

Tot Ion: 94 Resp: 89250

Ion Ratio Lower Upper

94 100

96 91.2 73.3 109.9



#6

Chloroethane

Concen: 52.403 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063932.D

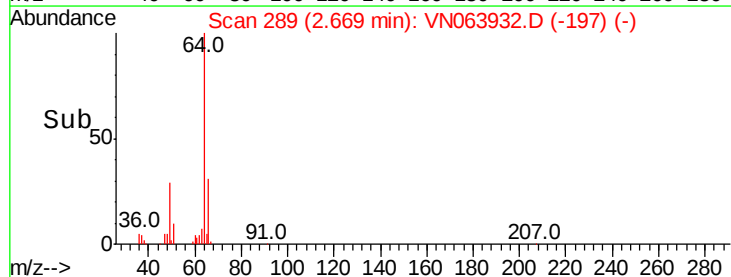
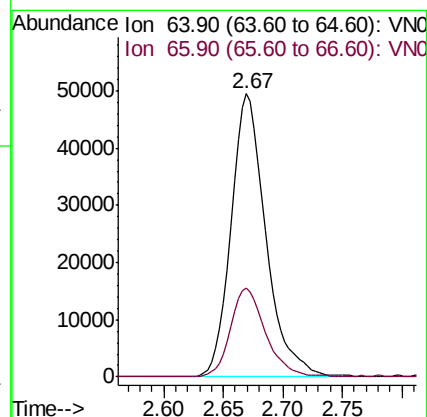
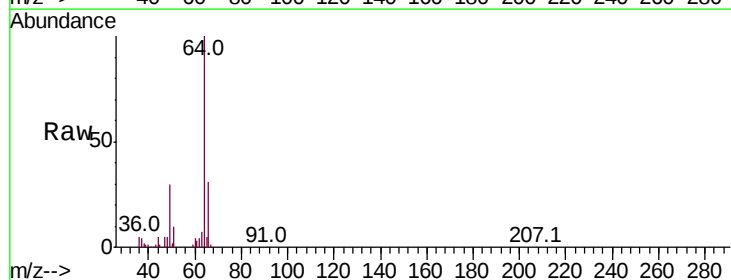
Acq: 7 Oct 2020 7:54

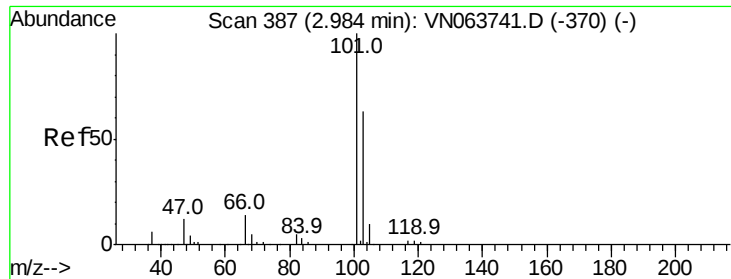
Tgt Ion: 64 Resp: 100214

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



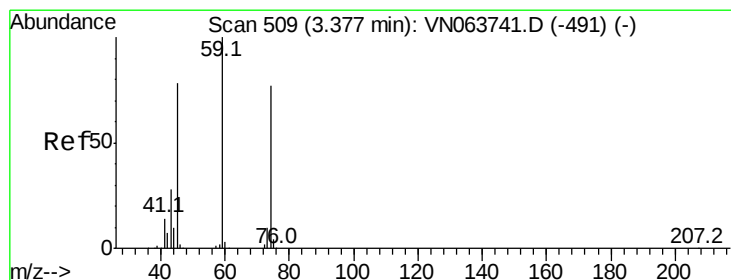
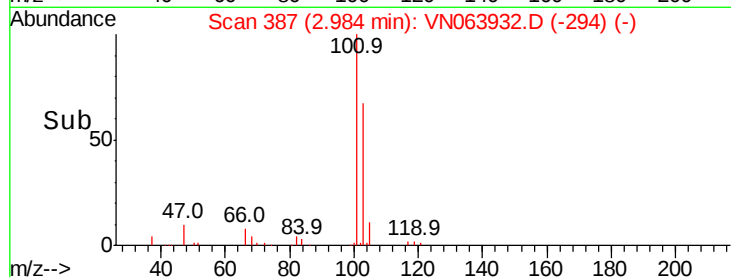
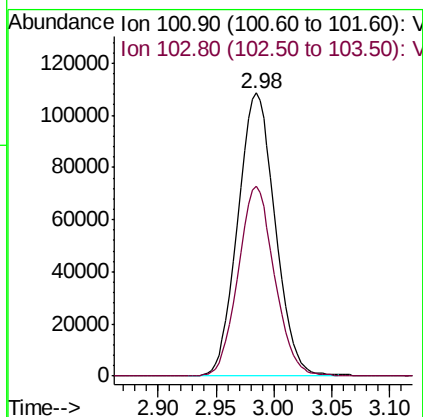
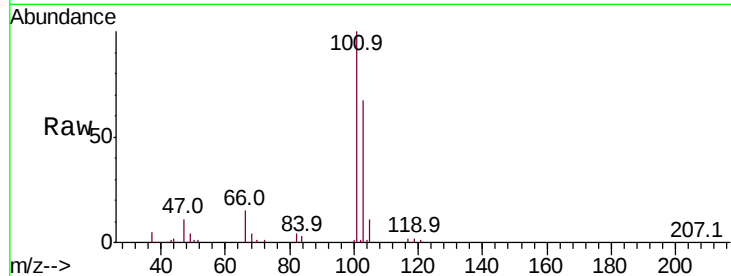


#7

Trichlorofluoromethane
 Concen: 47.915 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Instrument :
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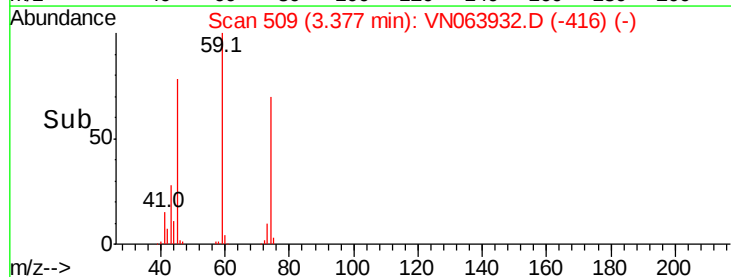
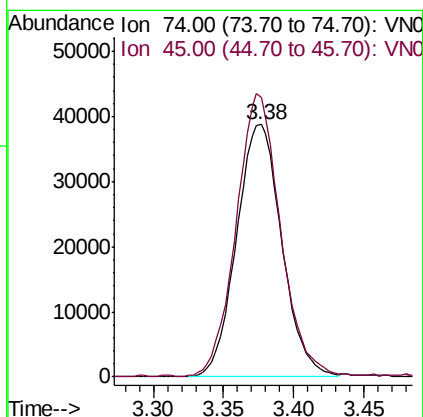
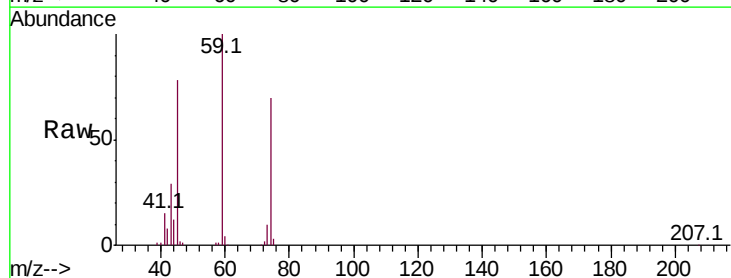
Tot Ion:101 Resp: 243206
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.7 76.1

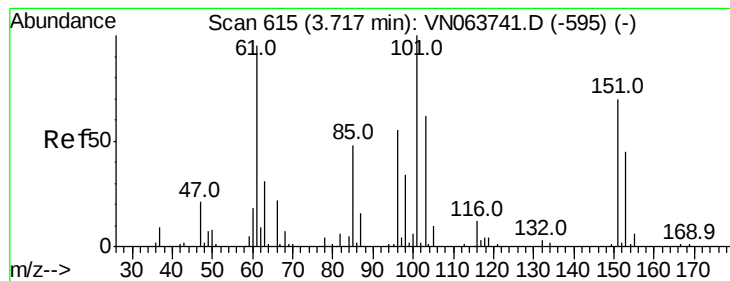


#8

Diethyl Ether
 Concen: 50.725 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 74 Resp: 87075
 Ion Ratio Lower Upper
 74 100
 45 110.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.177 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

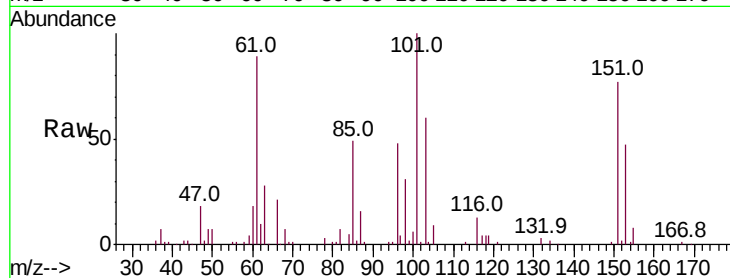
Tot Ion:101 Resp: 122561

Ion Ratio Lower Upper

101 100

85 48.7 38.6 58.0

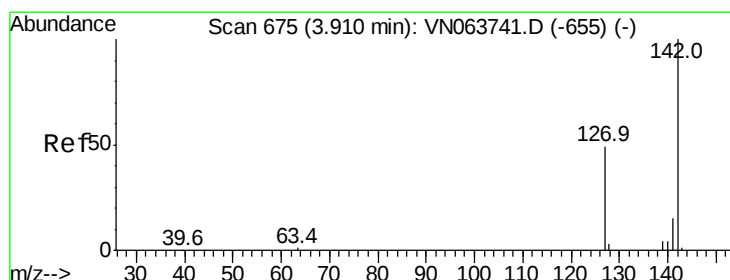
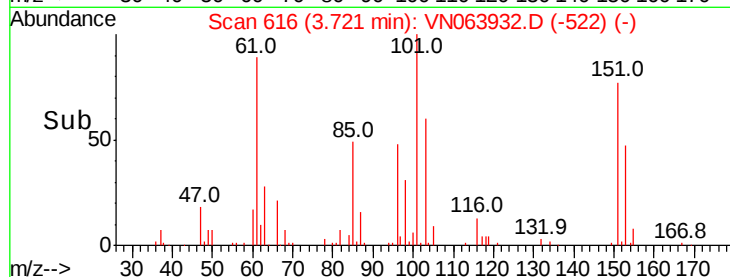
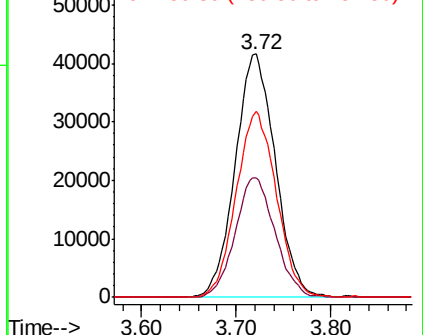
151 76.5 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.823 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

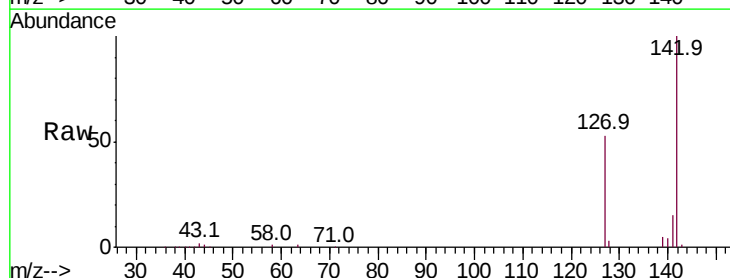
Tgt Ion:142 Resp: 160091

Ion Ratio Lower Upper

142 100

127 50.6 40.5 60.7

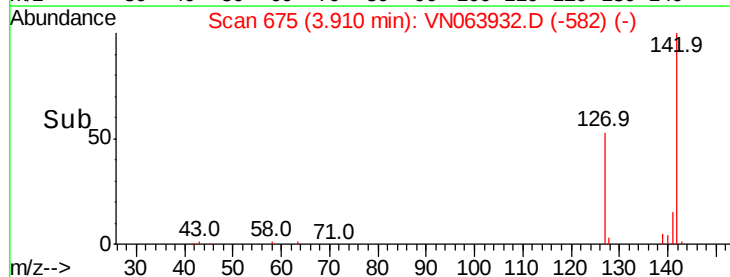
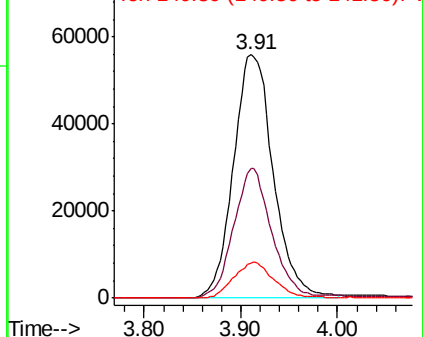
141 14.8 11.7 17.5

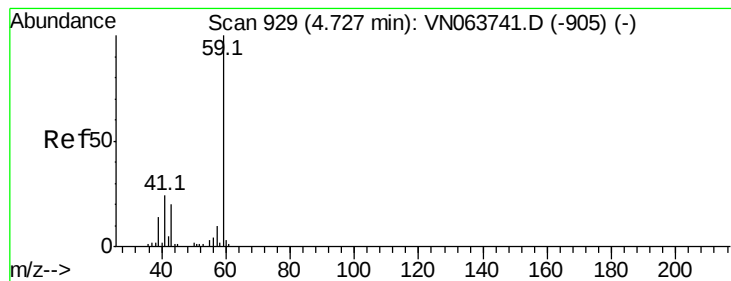


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



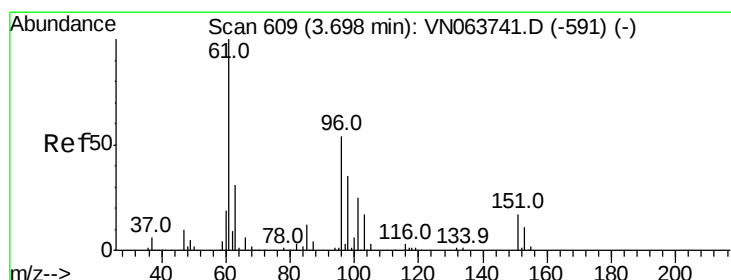
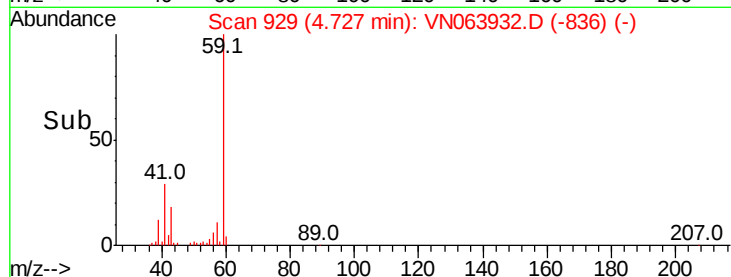
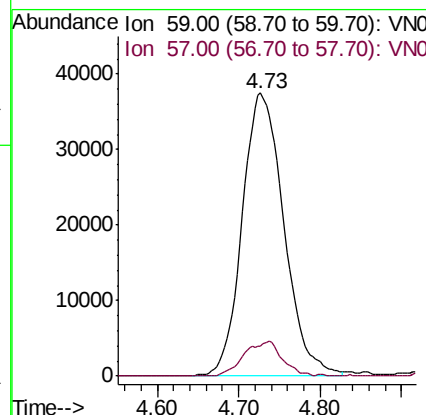
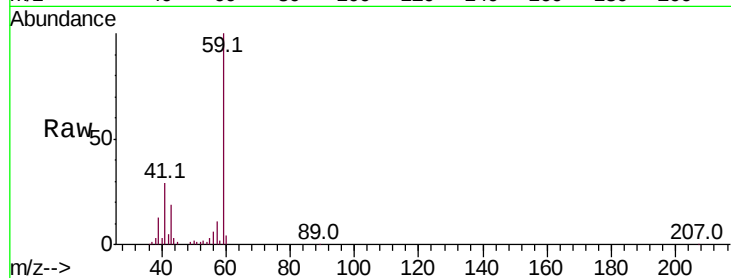


#11

Tert butyl alcohol
 Concen: 282.822 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

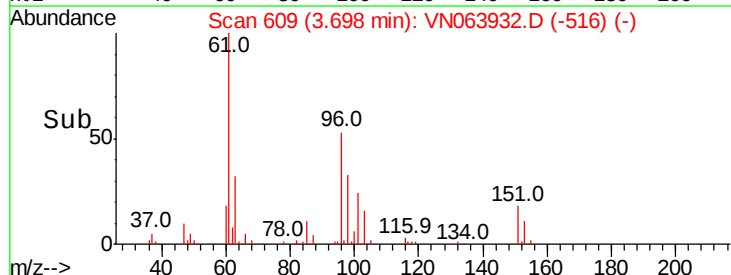
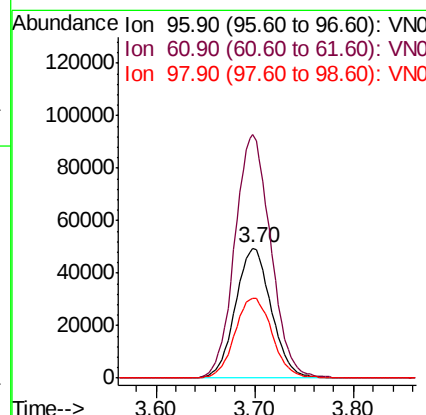
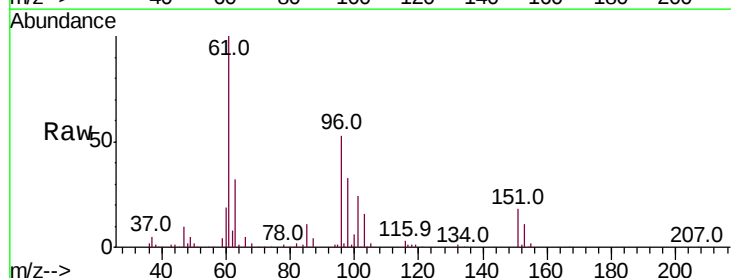
Tot Ion: 59 Resp: 132839
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.7 13.1

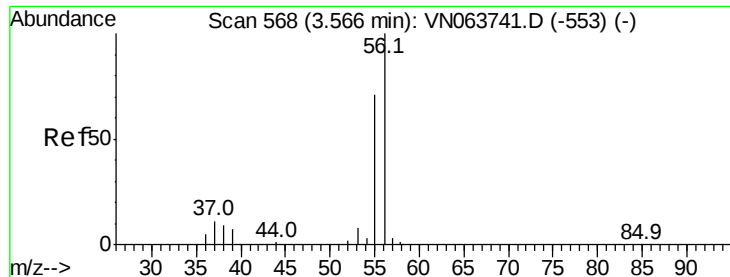


#12

1,1-Dichloroethene
 Concen: 48.218 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 96 Resp: 125035
 Ion Ratio Lower Upper
 96 100
 61 187.3 147.7 221.5
 98 61.6 51.9 77.9





#13

Acrolein

Concen: 480.653 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

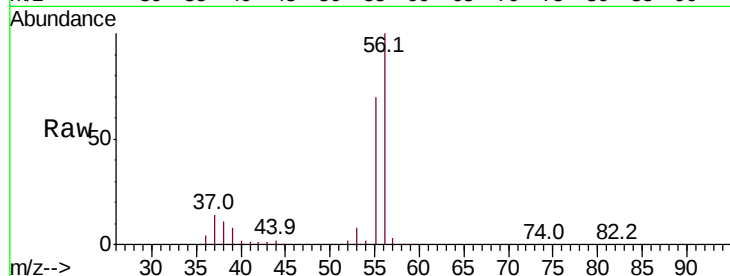
VSTDCCC050EC

Tot Ion: 56 Resp: 138558

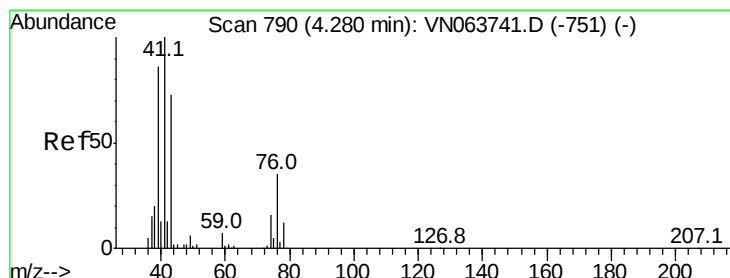
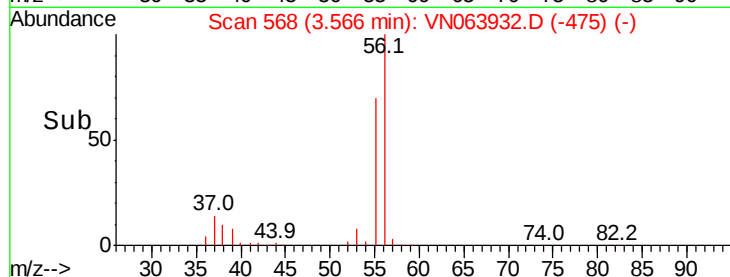
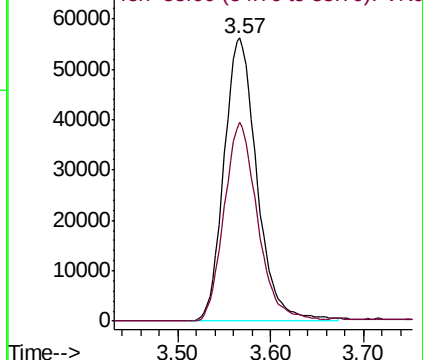
Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 46.550 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

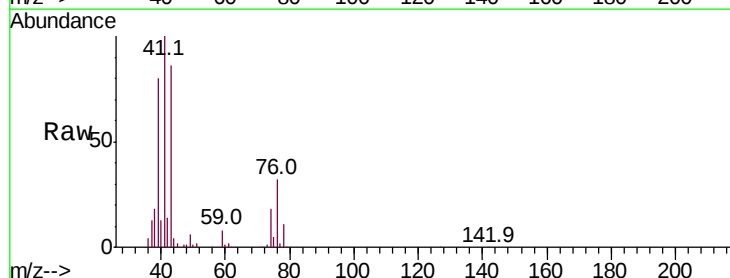
Tgt Ion: 41 Resp: 224257

Ion Ratio Lower Upper

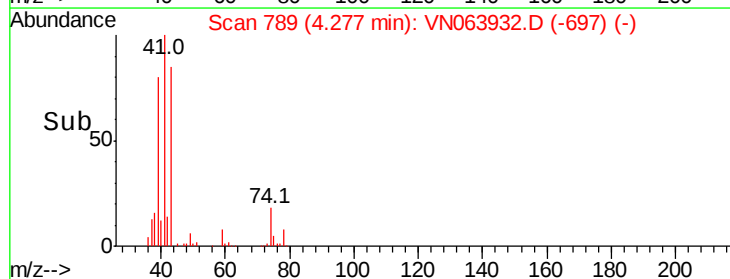
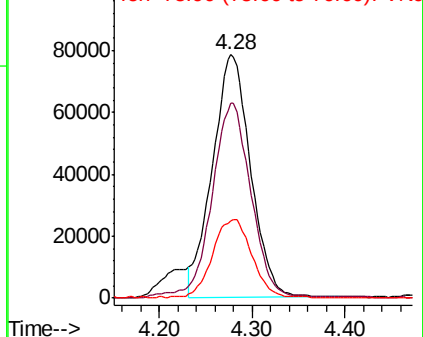
41 100

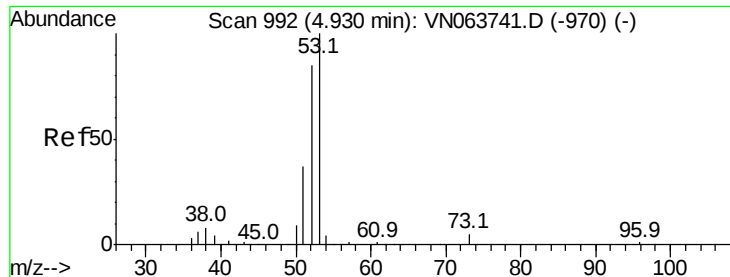
39 81.4 64.5 96.7

76 32.2 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 281.137 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

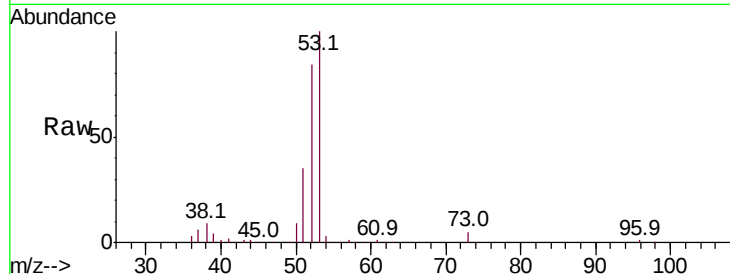
Tot Ion: 53 Resp: 377978

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

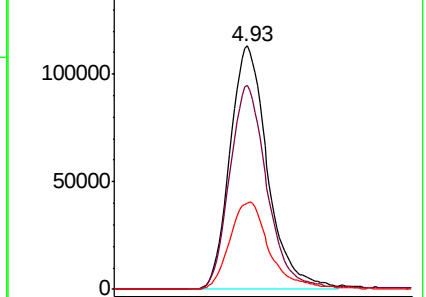
51 38.1 29.9 44.9



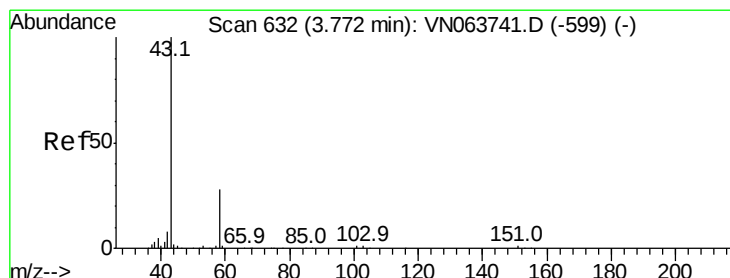
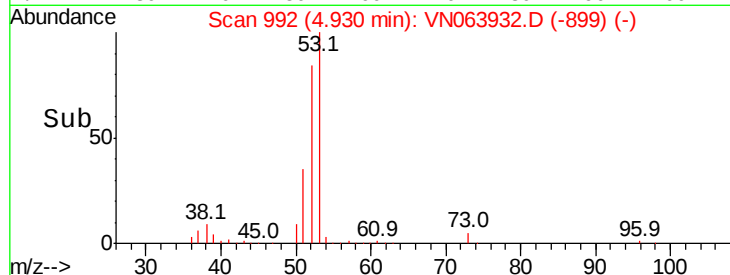
Abundance Ion 53.00 (52.70 to 53.70): VN063932.D (-539) (-)

Ion 52.00 (51.70 to 52.70): VN063932.D (-539) (-)

Ion 51.00 (50.70 to 51.70): VN063932.D (-539) (-)



Time-->



#16

Acetone

Concen: 275.214 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063932.D

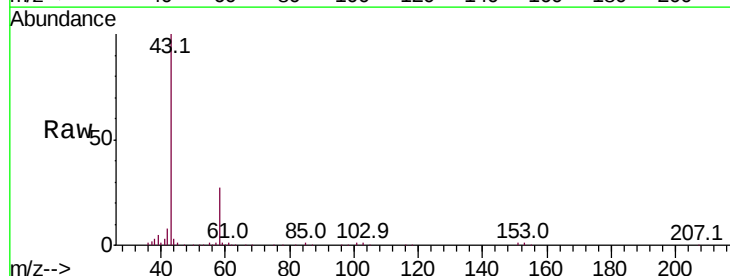
Acq: 7 Oct 2020 7:54

Tgt Ion: 43 Resp: 360426

Ion Ratio Lower Upper

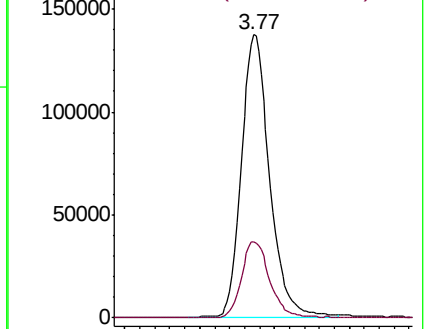
43 100

58 27.0 22.3 33.5

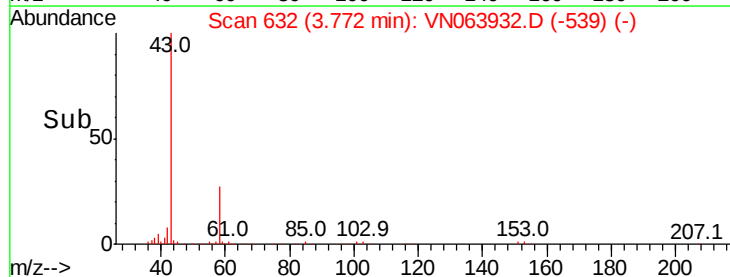


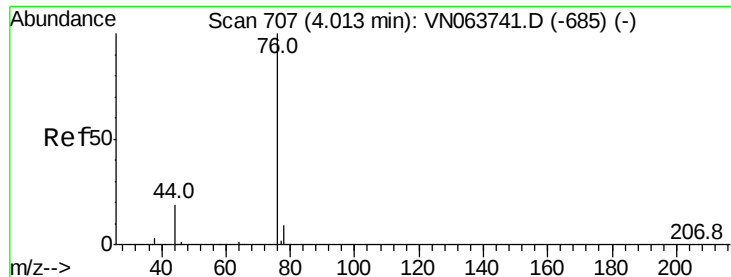
Abundance Ion 43.00 (42.70 to 43.70): VN063932.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063932.D (-539) (-)



Time-->





#17

Carbon Disulfide

Concen: 47.571 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

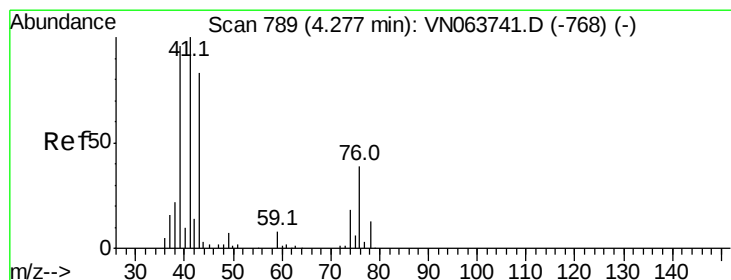
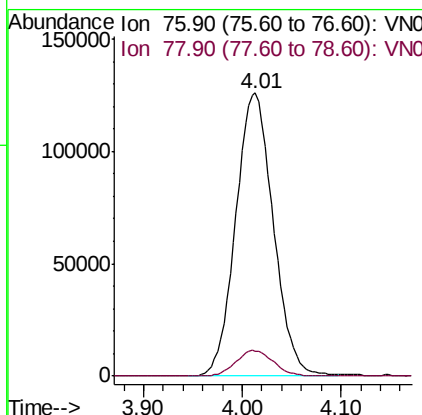
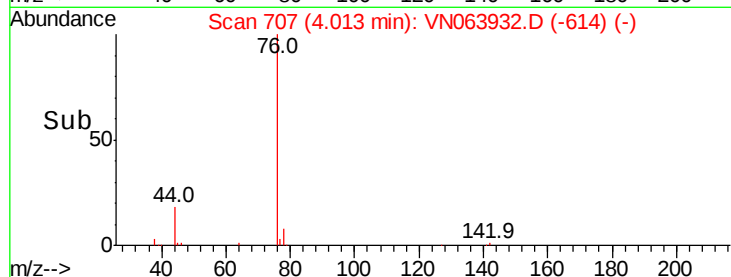
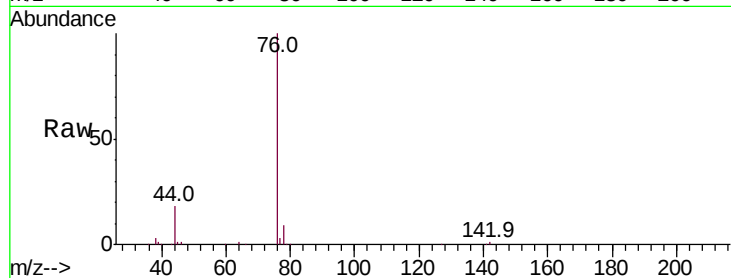
VSTDCCC050EC

Tot Ion: 76 Resp: 333168

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 58.212 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063932.D

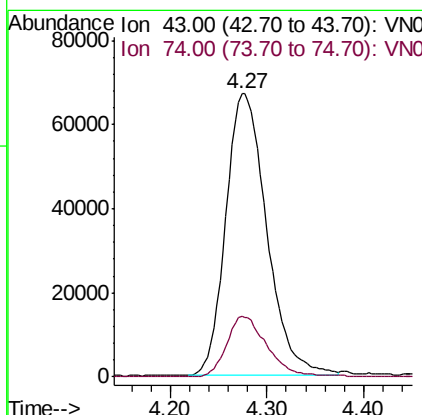
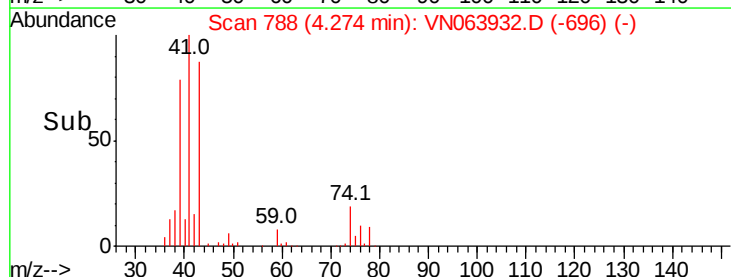
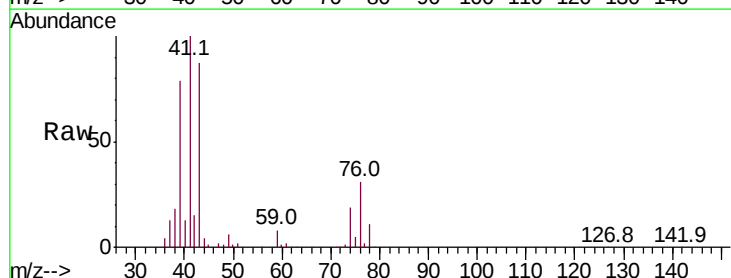
Acq: 7 Oct 2020 7:54

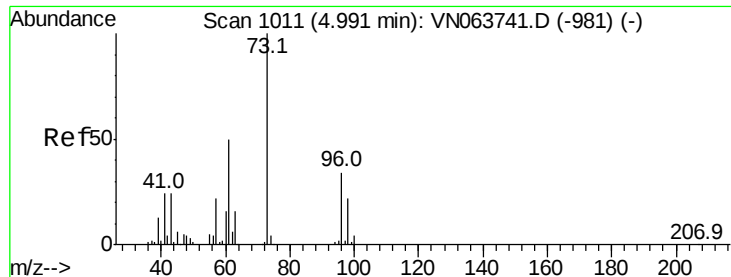
Tgt Ion: 43 Resp: 197938

Ion Ratio Lower Upper

43 100

74 21.0 17.4 26.2



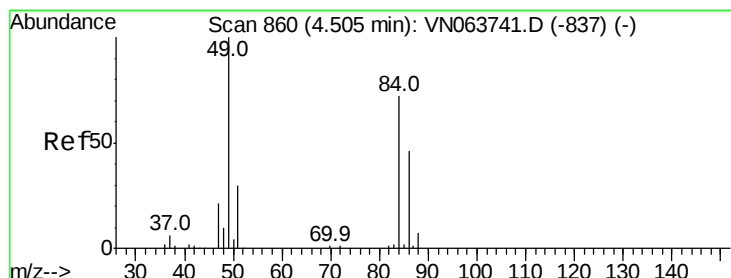
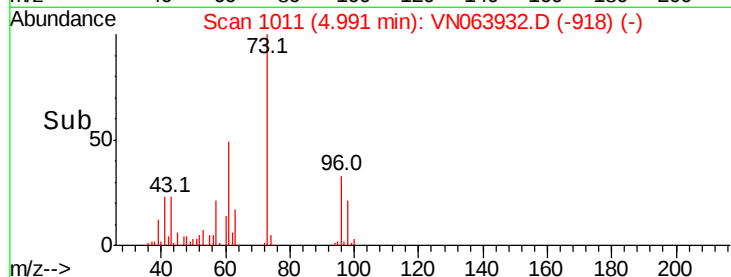
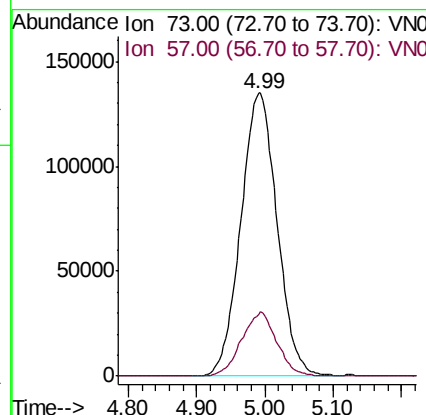
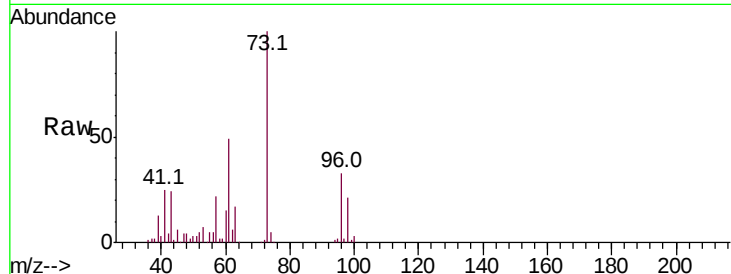


#19

Methyl tert-butyl Ether
 Concen: 52.930 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

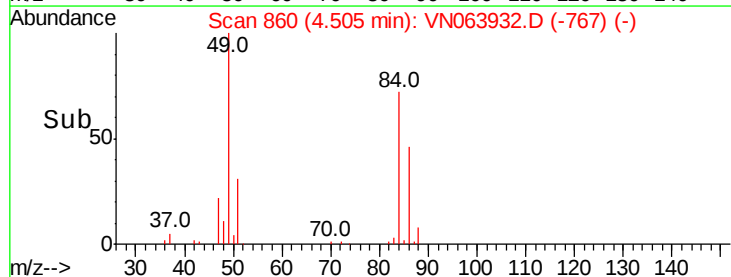
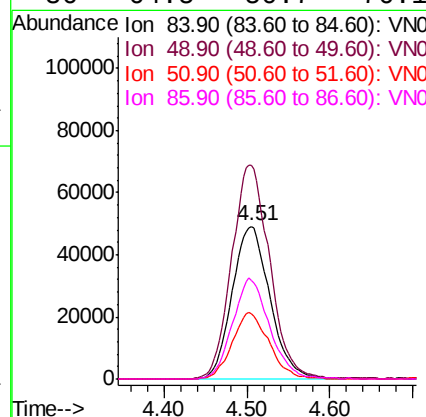
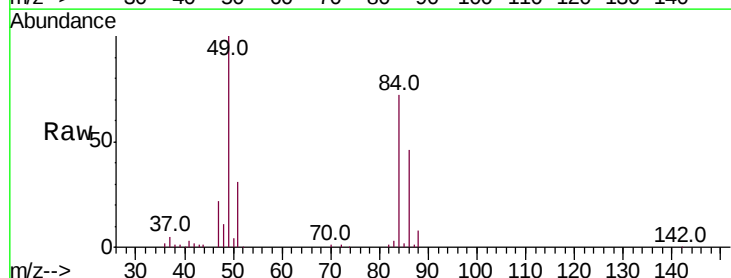
Tot Ion: 73 Resp: 498653
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.6 26.4

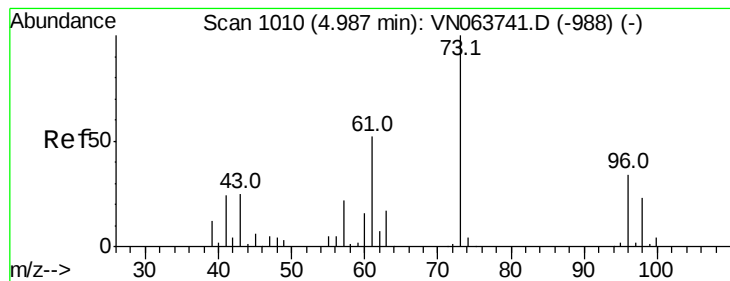


#20

Methylene Chloride
 Concen: 51.924 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 84 Resp: 155766
 Ion Ratio Lower Upper
 84 100
 49 139.5 110.4 165.6
 51 42.9 33.3 49.9
 86 64.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.960 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

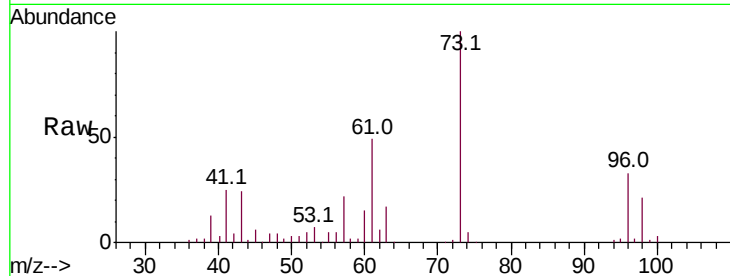
Tot Ion: 96 Resp: 142207

Ion Ratio Lower Upper

96 100

61 148.1 120.2 180.2

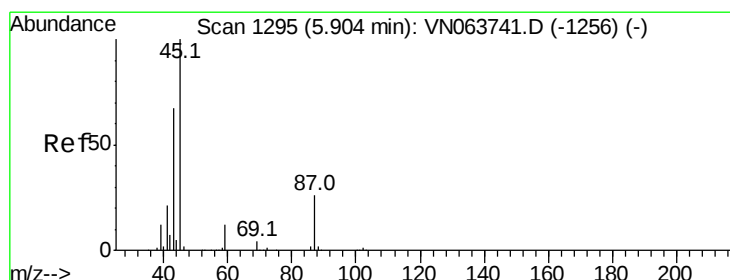
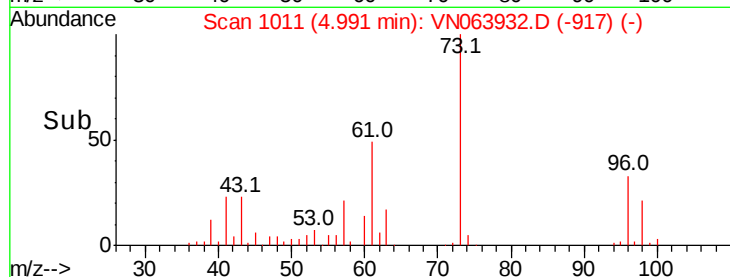
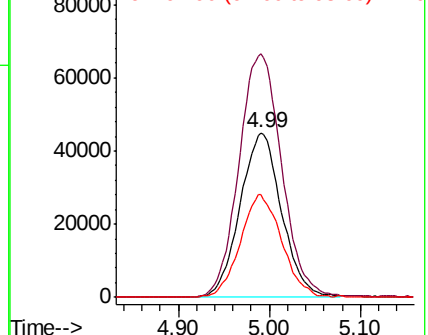
98 62.6 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-988) (-)



#22

Diisopropyl ether

Concen: 56.424 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Tgt Ion: 45 Resp: 559256

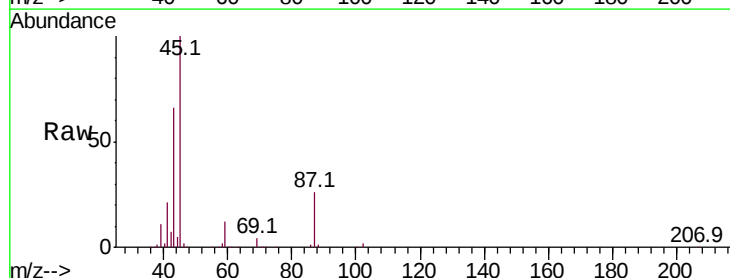
Ion Ratio Lower Upper

45 100

43 64.5 53.7 80.5

87 25.9 21.1 31.7

59 11.4 9.2 13.8

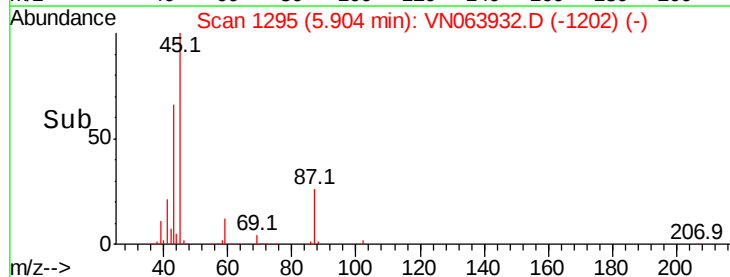
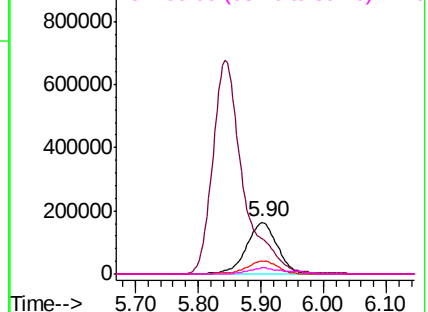


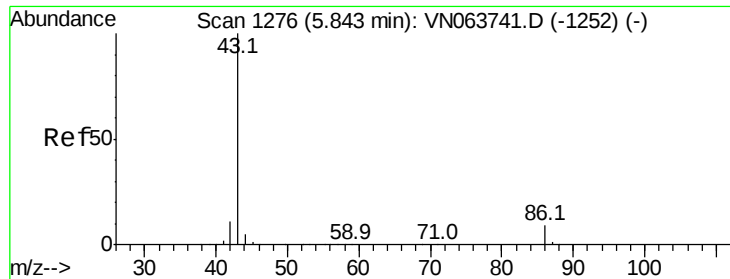
Abundance Ion 45.00 (44.70 to 45.70): VN063741.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063741.D (-1256) (-)

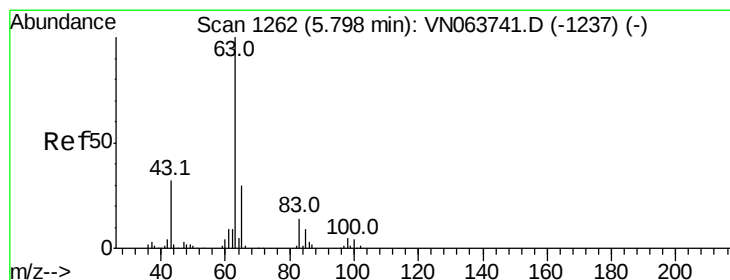
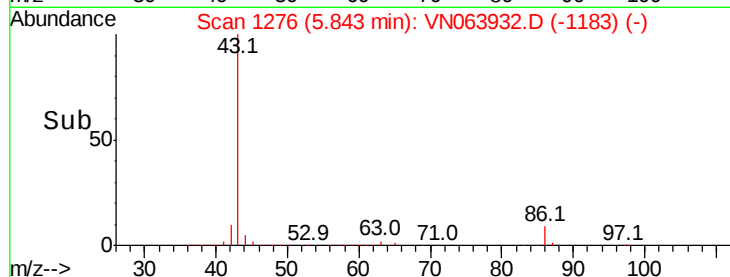
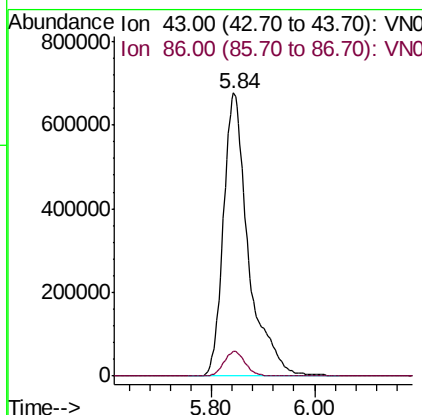
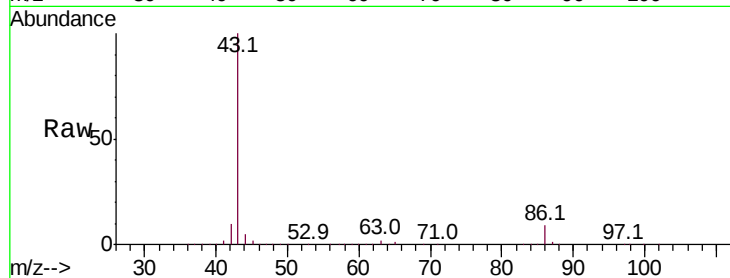




#23
 Vinyl Acetate
 Concen: 277.757 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

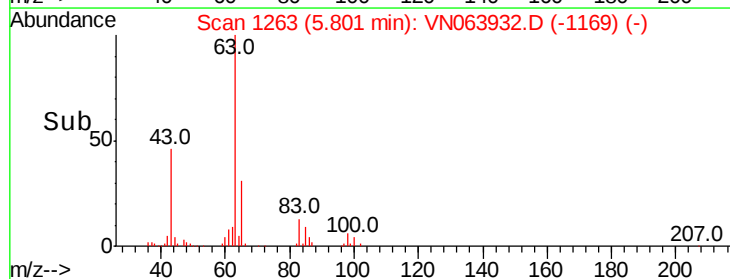
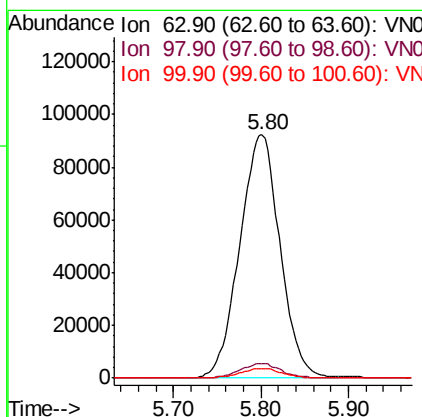
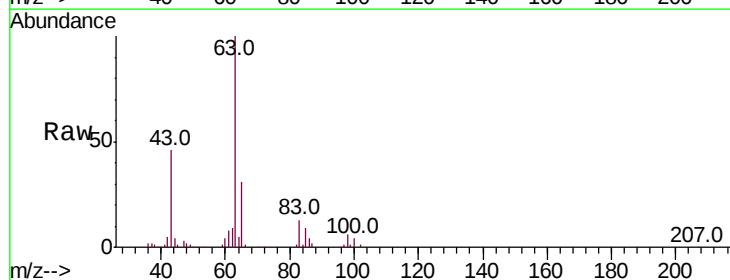
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

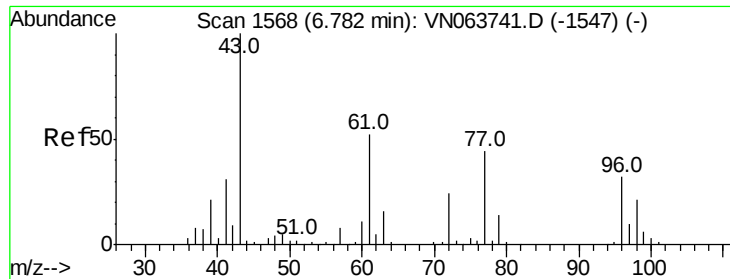
Tot Ion: 43 Resp: 2280525
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 52.036 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 63 Resp: 294900
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.7 8.1
 100 3.9 1.9 5.7

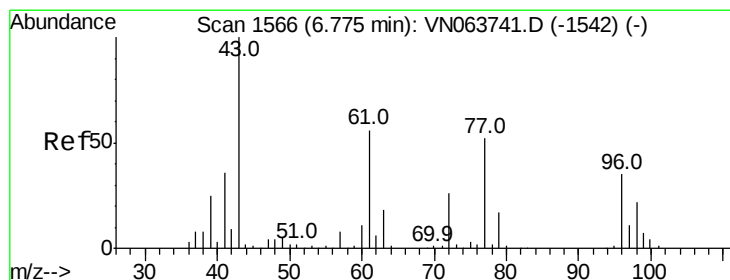
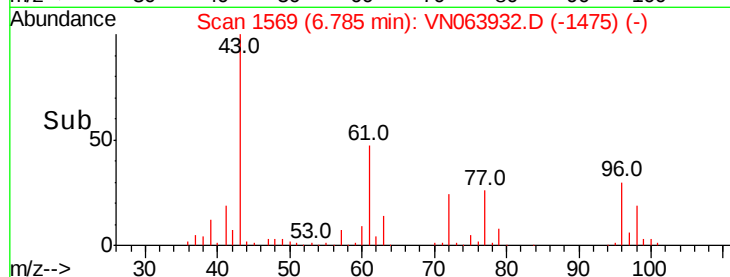
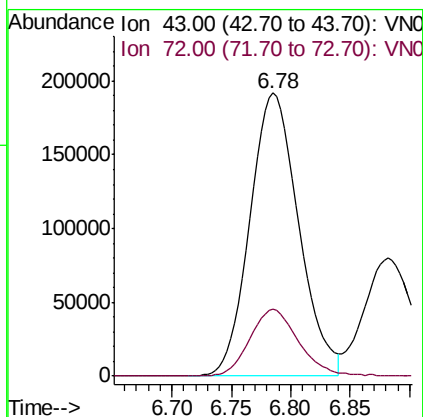
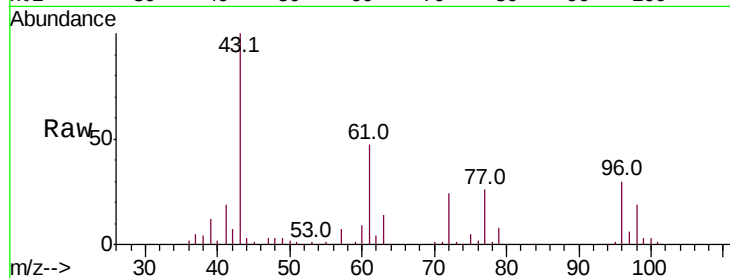




#25
2-Butanone
Concen: 292.684 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

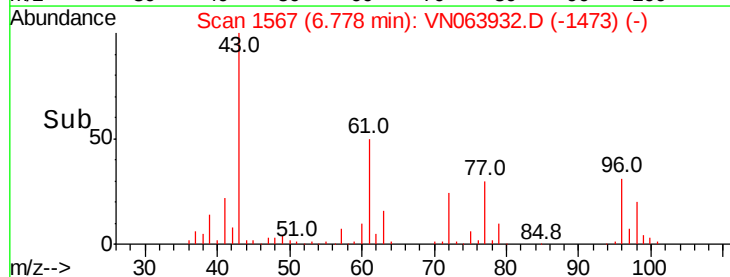
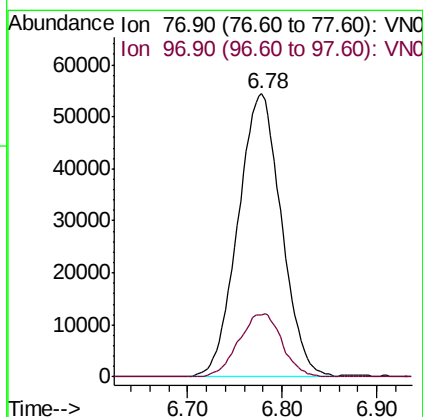
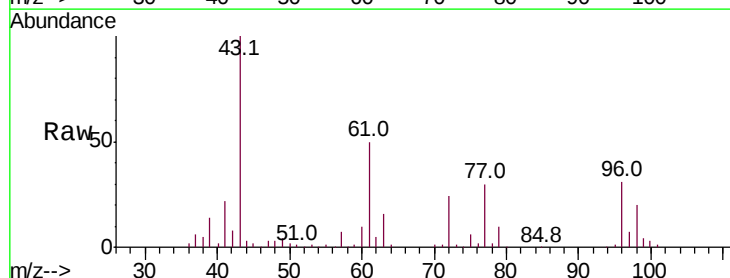
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

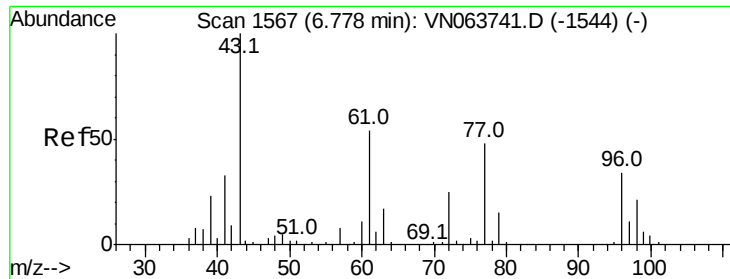
Tot Ion: 43 Resp: 543432
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 33.442 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 77 Resp: 173563
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.898 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

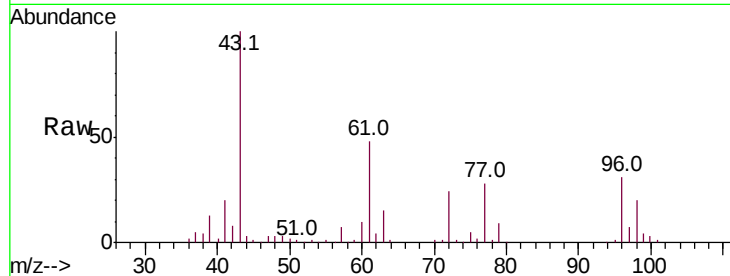
Tot Ion: 96 Resp: 16685

Ion Ratio Lower Upper

96 100

61 155.9 0.0 321.2

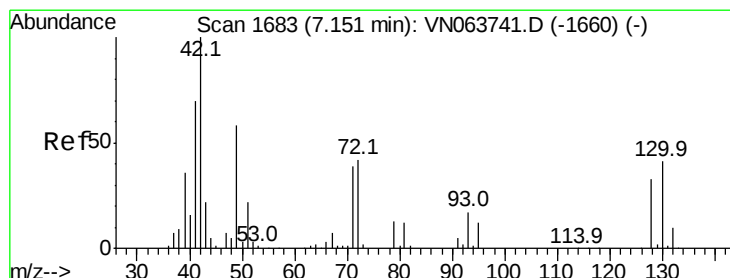
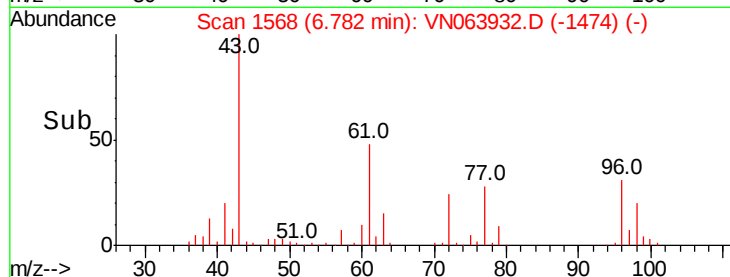
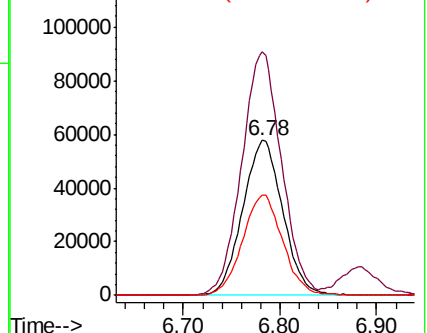
98 65.2 0.0 124.4



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

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

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



#28

Bromochloromethane

Concen: 54.607 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

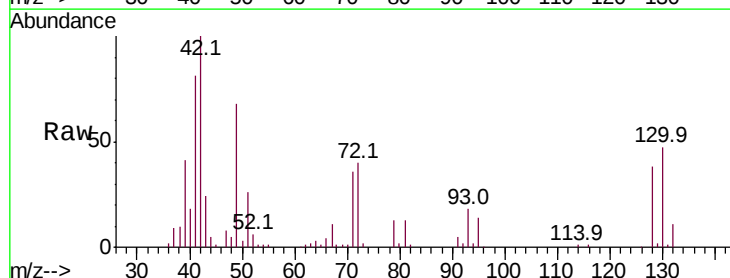
Tgt Ion: 49 Resp: 152957

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

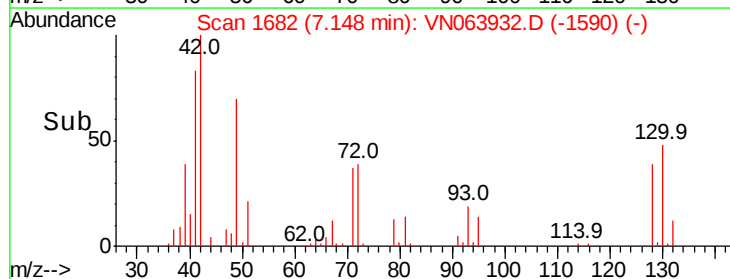
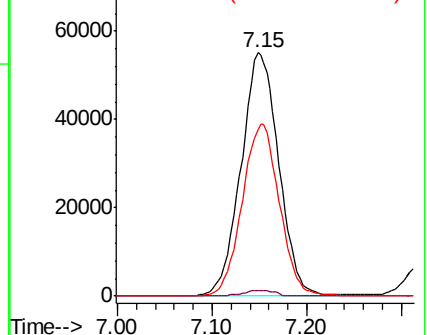
130 69.6 55.6 83.4

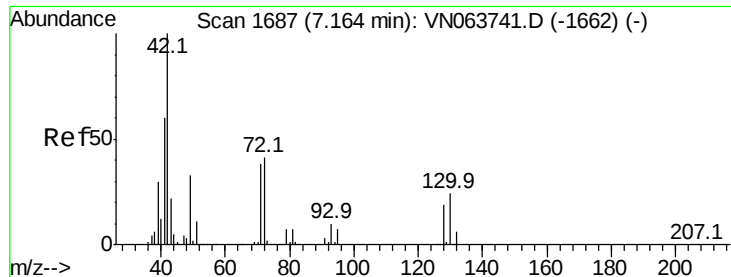


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

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

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





#29

Tetrahydrofuran

Concen: 291.138 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

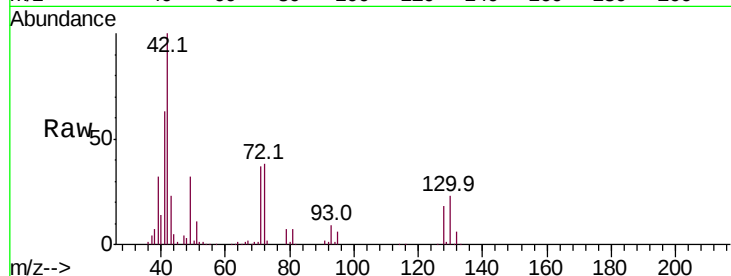
Tot Ion: 42 Resp: 362550

Ion Ratio Lower Upper

42 100

72 39.3 32.8 49.2

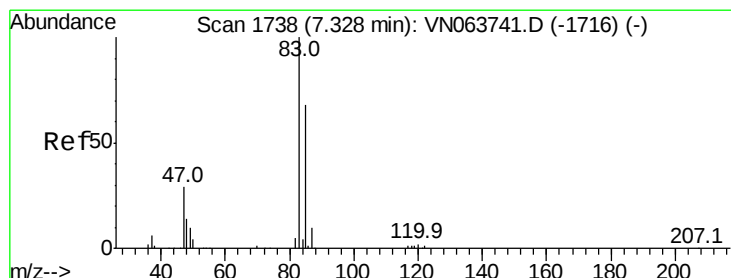
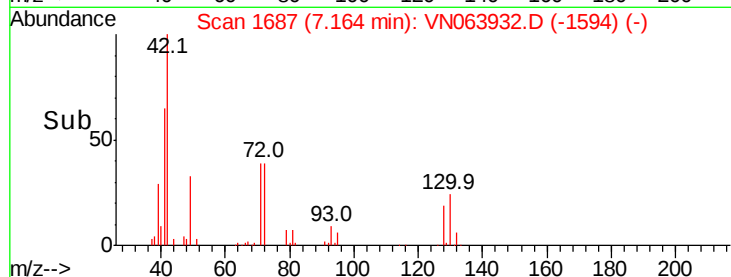
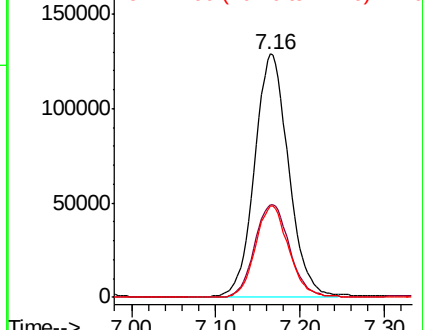
71 36.8 30.6 45.8



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: 52.244 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063932.D

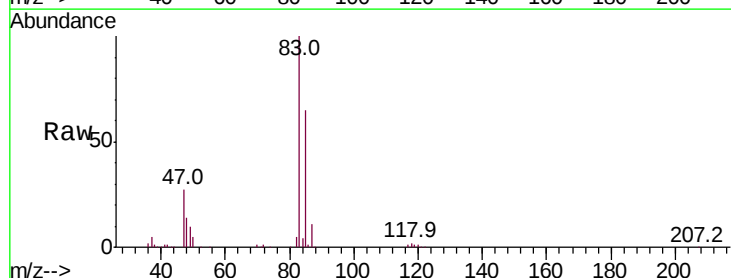
Acq: 7 Oct 2020 7:54

Tgt Ion: 83 Resp: 308719

Ion Ratio Lower Upper

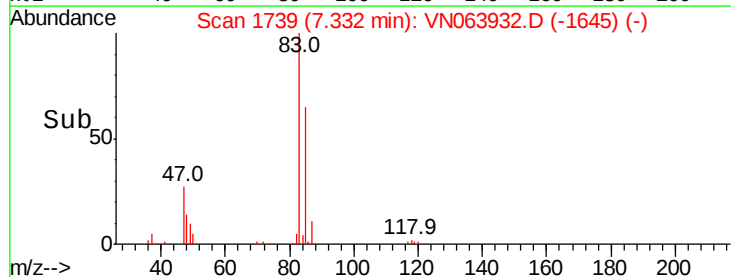
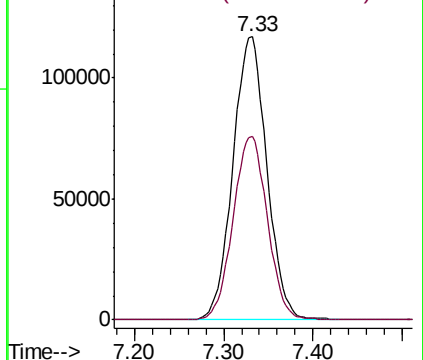
83 100

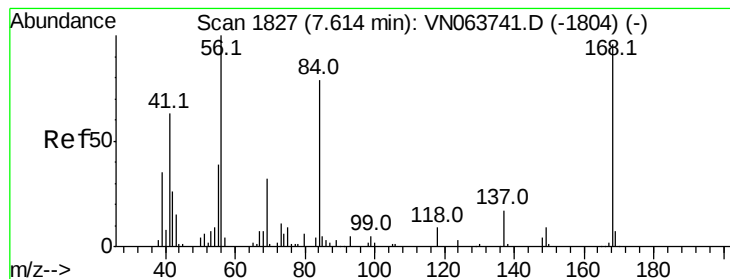
85 64.9 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.626 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

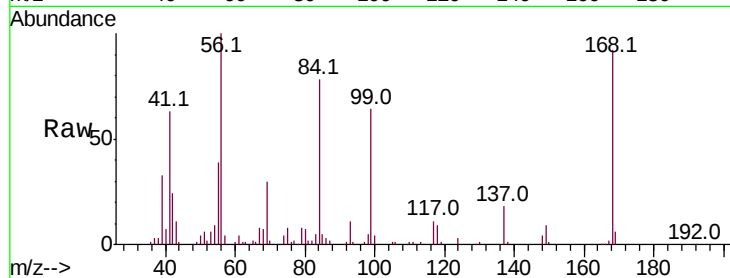
Tot Ion: 56 Resp: 220410

Ion Ratio Lower Upper

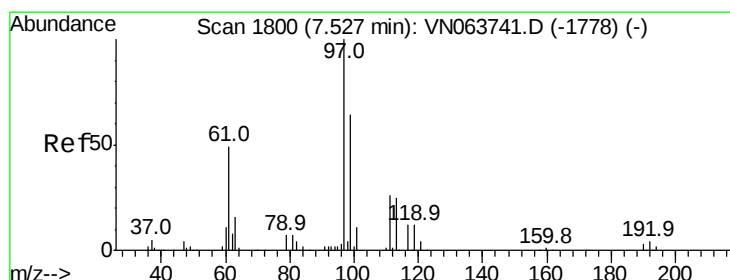
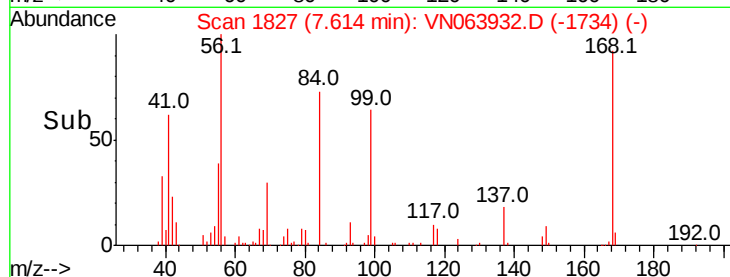
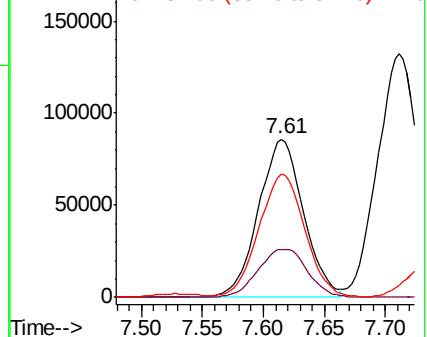
56 100

69 30.5 25.4 38.2

84 75.6 63.3 94.9



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



#32

1,1,1-Trichloroethane

Concen: 52.438 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

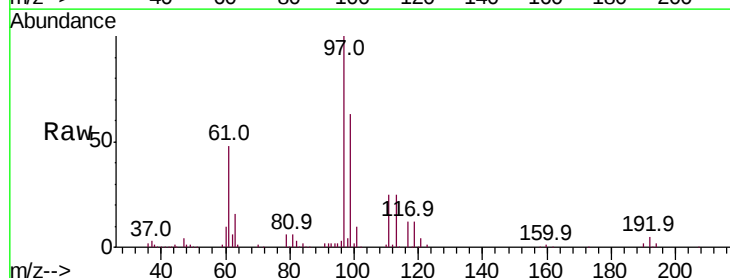
Tgt Ion: 97 Resp: 279490

Ion Ratio Lower Upper

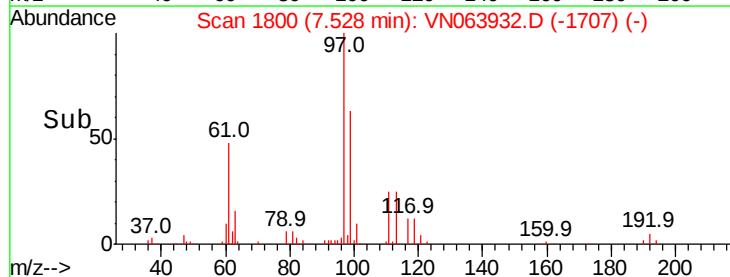
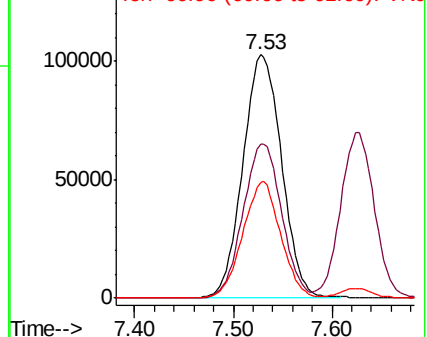
97 100

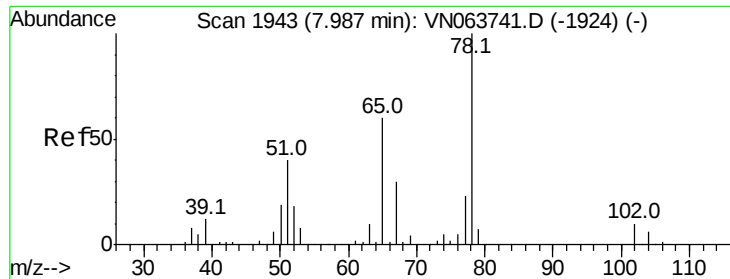
99 63.1 51.0 76.6

61 46.9 38.7 58.1



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





#33

1,2-Dichloroethane-d4

Concen: 51.696 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

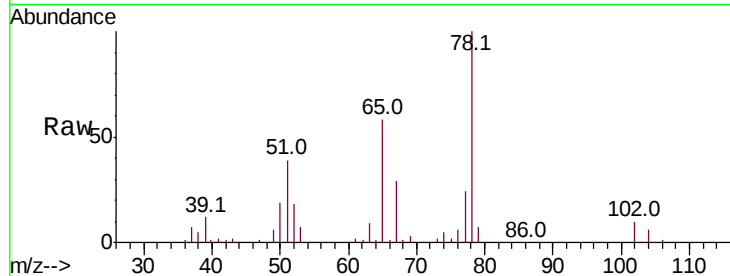
VSTDCCC050EC

Tot Ion: 65 Resp: 219932

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.6



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

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

7.99

100000

80000

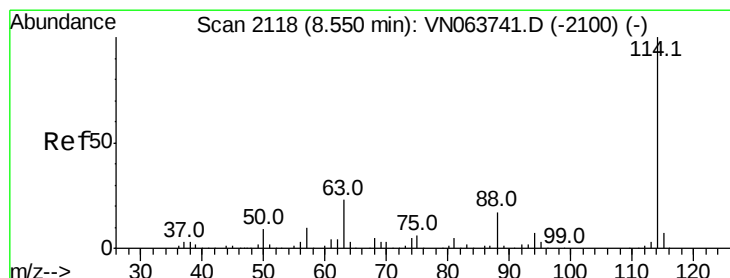
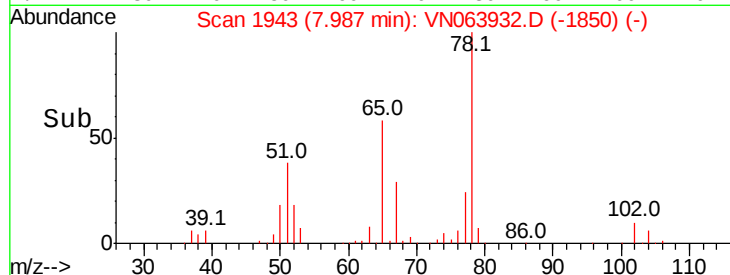
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

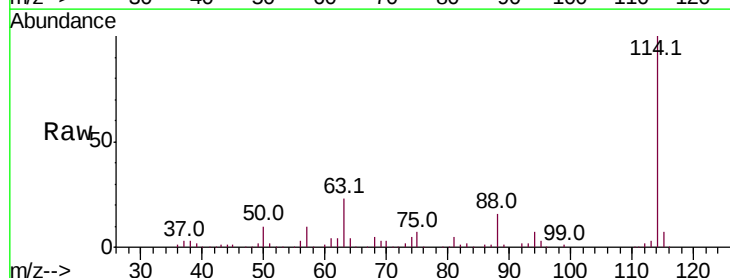
Tgt Ion: 114 Resp: 433092

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.1 0.0 34.0



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

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

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

8.55

250000

200000

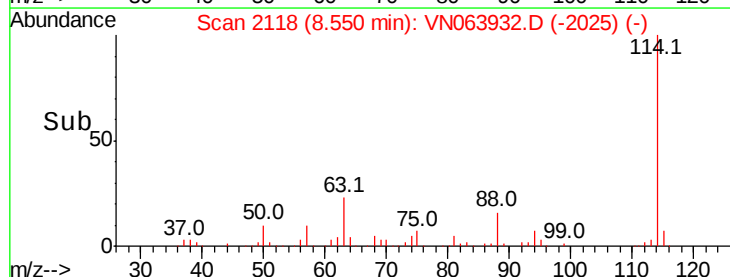
150000

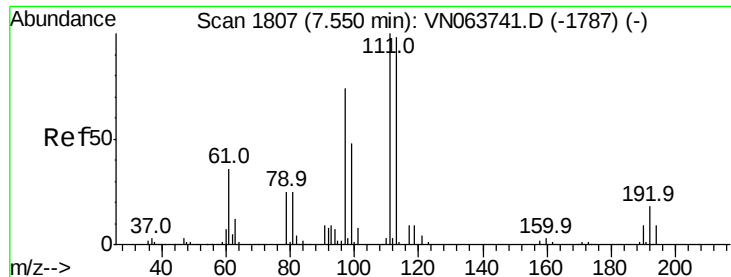
100000

50000

0

Time-->

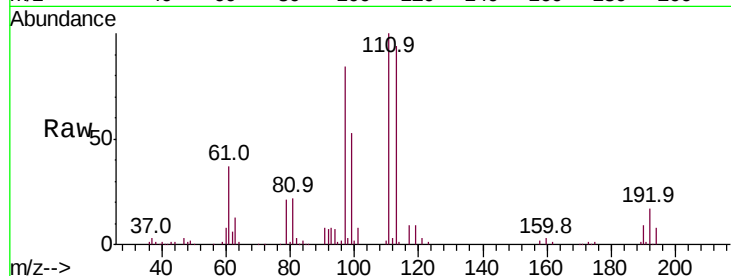




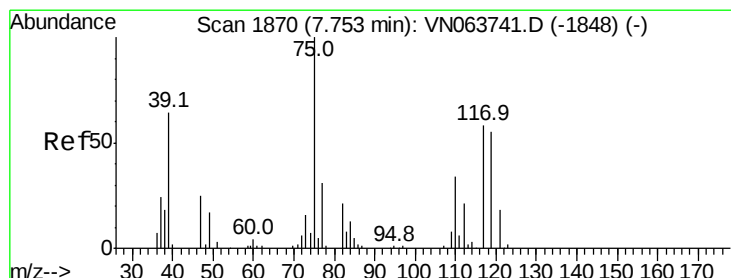
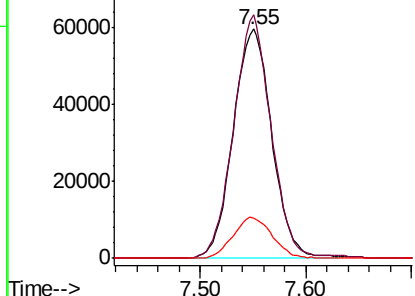
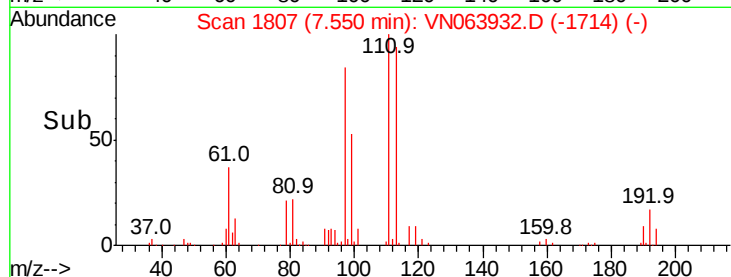
#35
 Dibromofluoromethane
 Concen: 50.638 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 152172
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 18.2 14.2 21.2

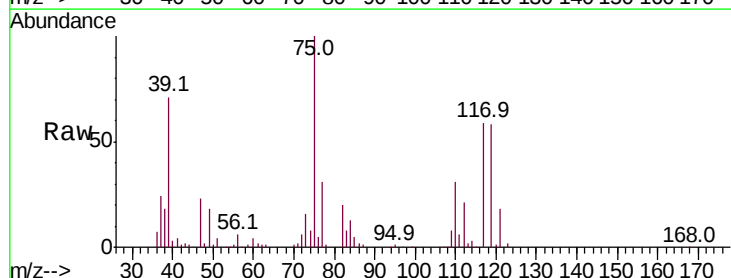


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

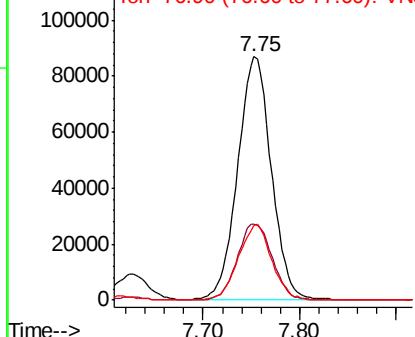
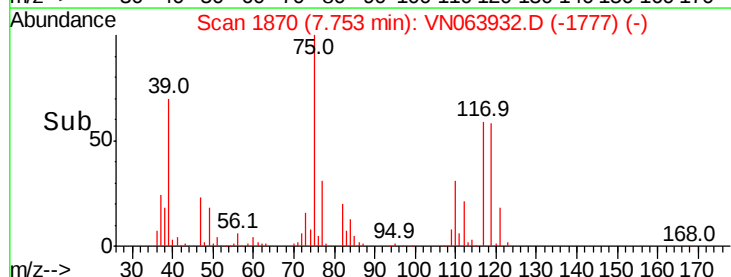


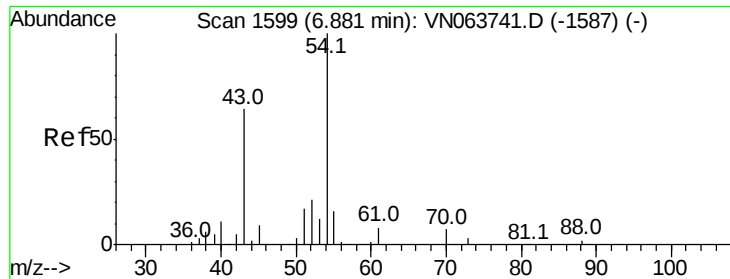
#36
 1,1-Dichloropropene
 Concen: 47.748 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 75 Resp: 209501
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.9 50.6
 77 31.1 24.5 36.7



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

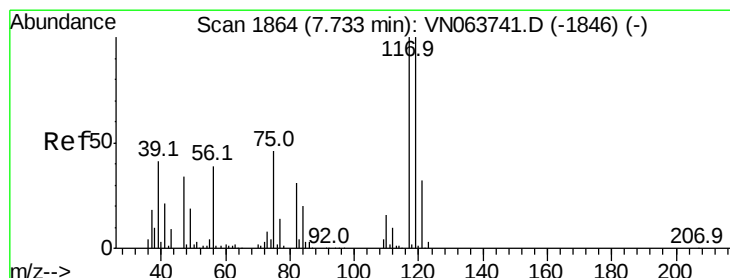
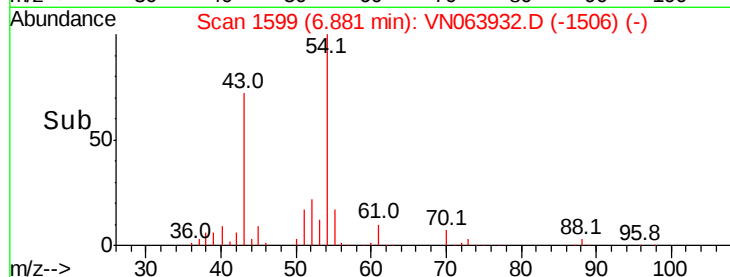
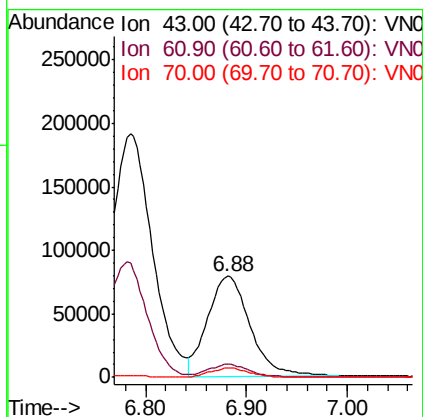
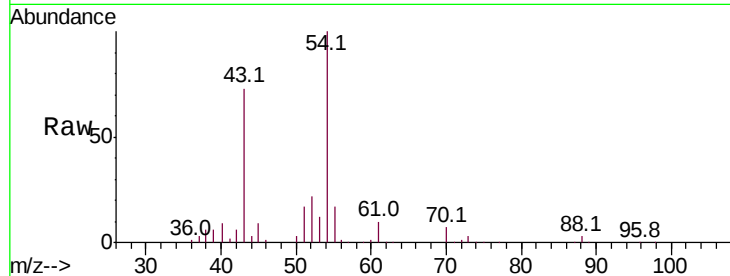




#37
Ethyl Acetate
Concen: 52.862 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

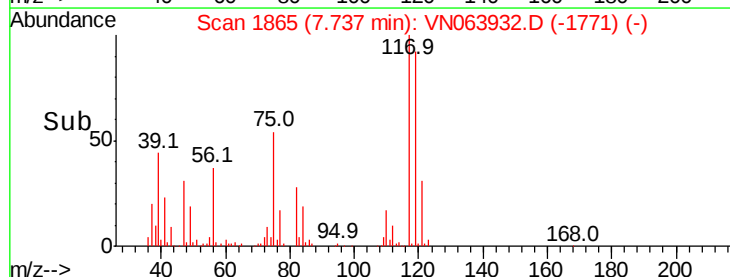
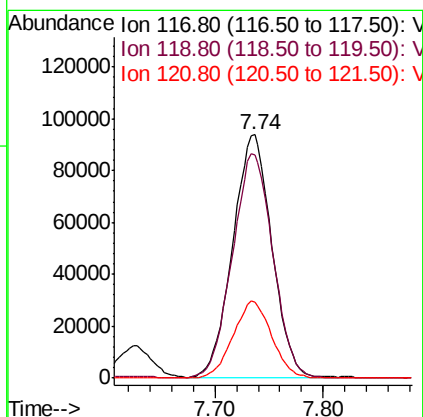
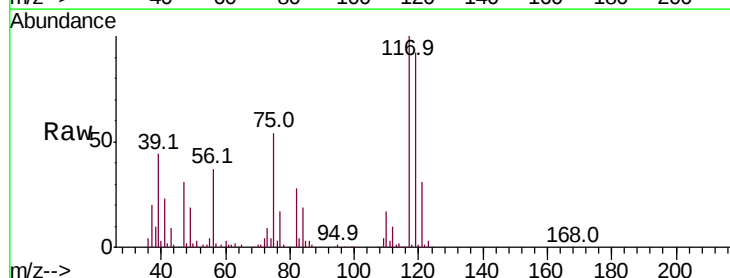
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

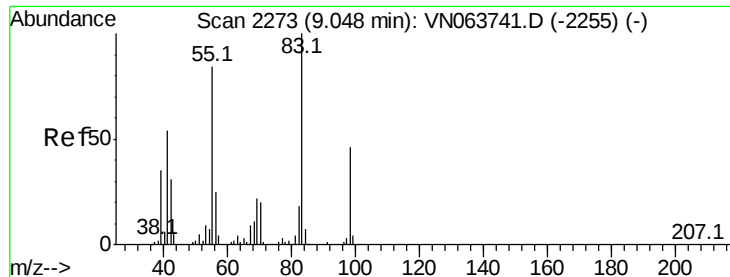
Tot Ion: 43 Resp: 230436
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 47.909 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 117 Resp: 235713
Ion Ratio Lower Upper
117 100
119 91.8 80.1 120.1
121 31.5 25.7 38.5

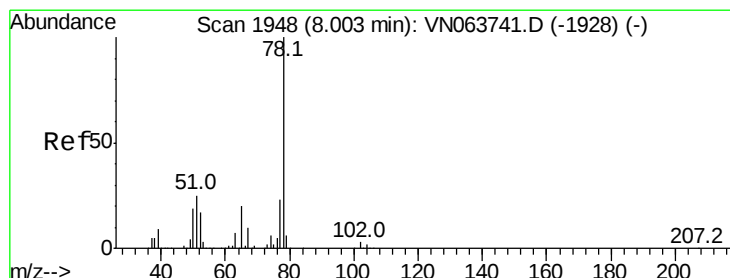
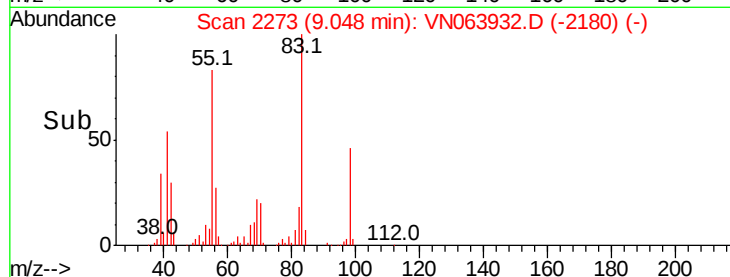
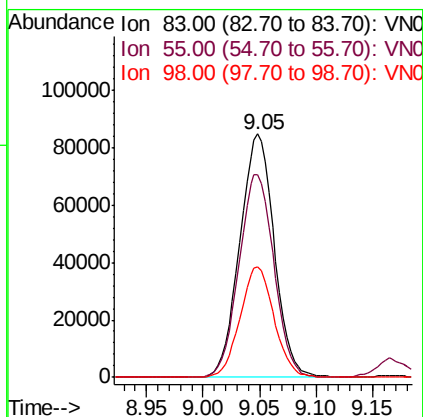
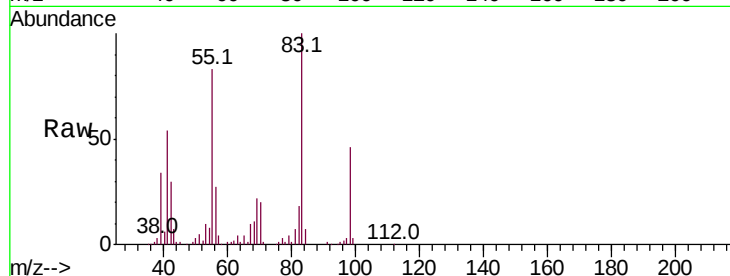




#39
Methvlcvclohexane
Concen: 41.162 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

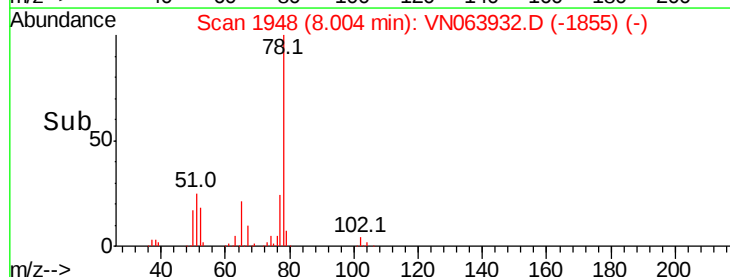
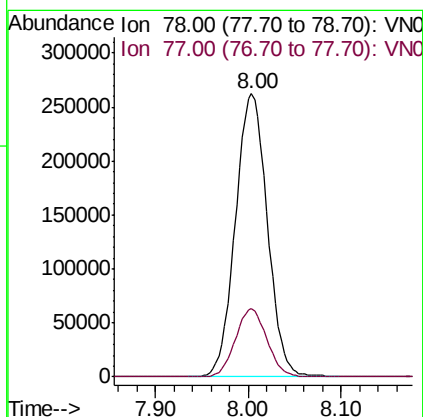
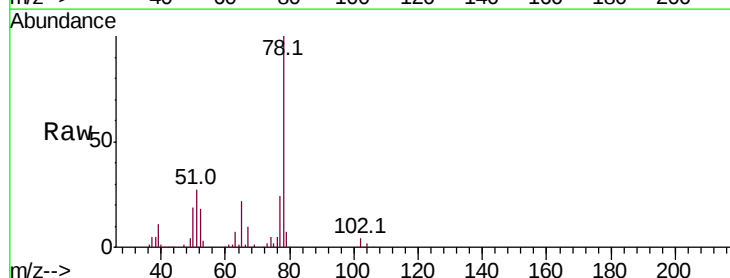
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

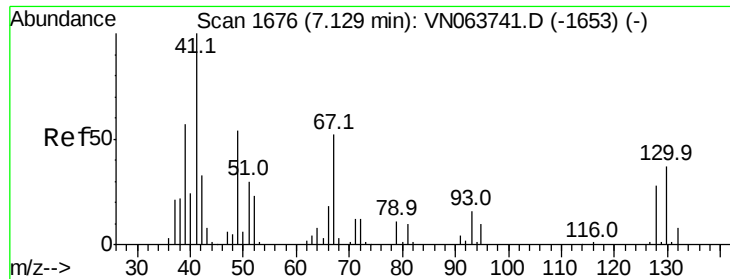
Tot Ion: 83 Resp: 180103
Ion Ratio Lower Upper
83 100
55 83.3 67.1 100.7
98 45.5 36.6 54.8



#40
Benzene
Concen: 49.968 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 78 Resp: 626203
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

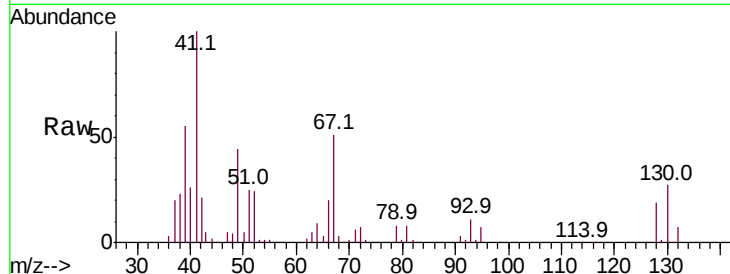




#41
Methacrylonitrile
Concen: 58.408 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	113160
Ion	Ratio	Lower	Upper
41	100		
39	60.7	42.5	63.7
67	70.0	57.4	86.2
52	34.7	26.9	40.3



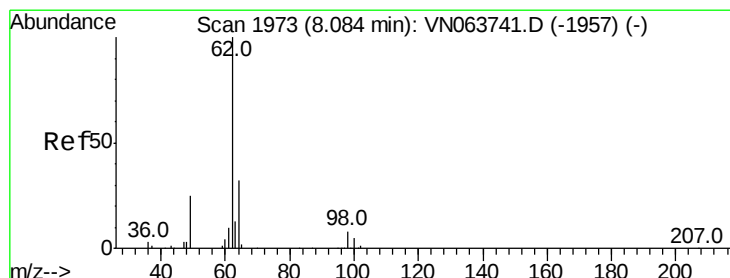
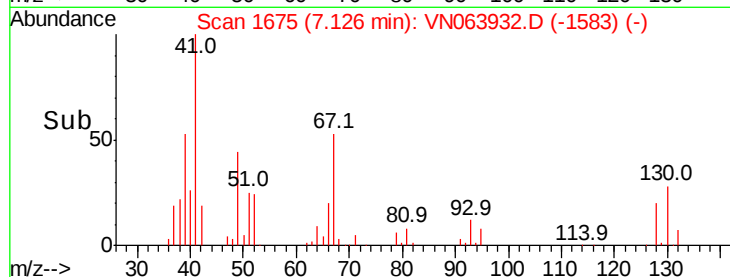
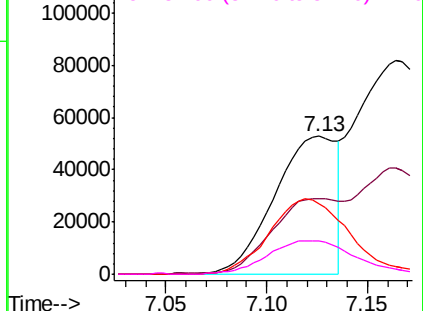
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

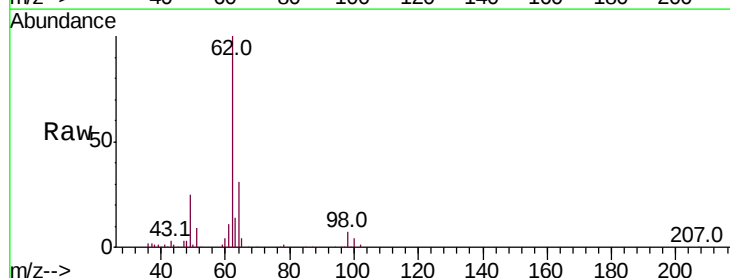
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 51.661 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

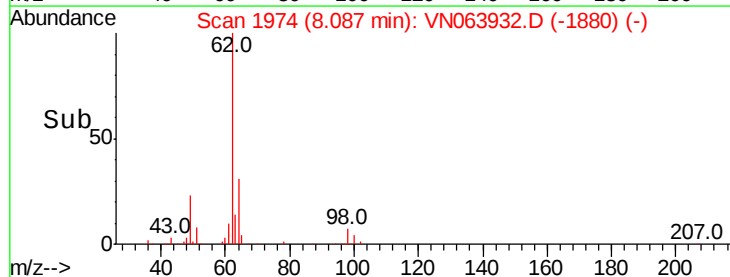
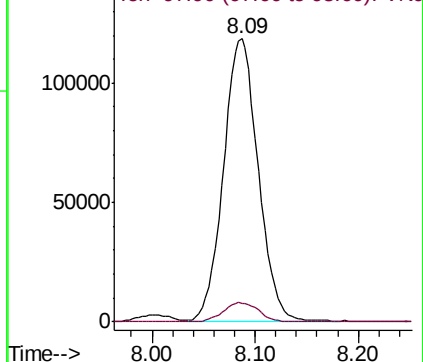
Tgt Ion:	62	Resp:	276361
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	15.0

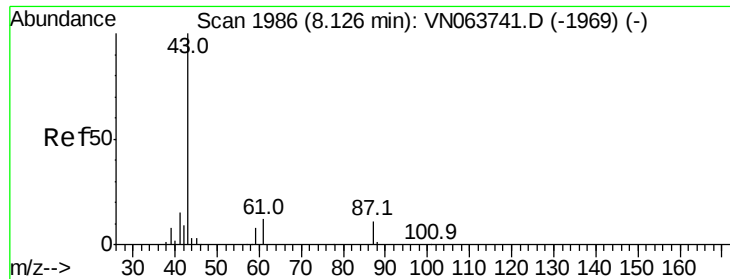


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 54.619 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

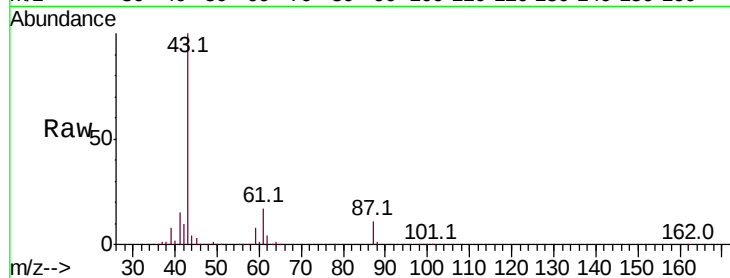
Tot Ion: 43 Resp: 392729

Ion Ratio Lower Upper

43 100

61 16.9 14.2 21.4

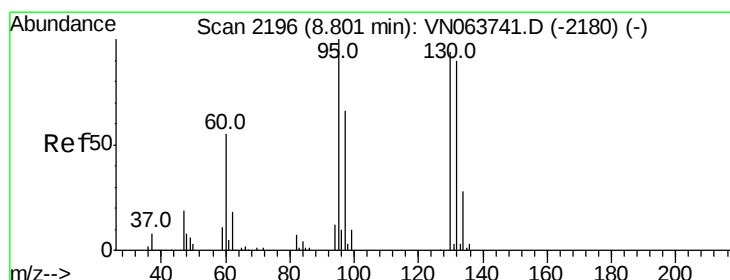
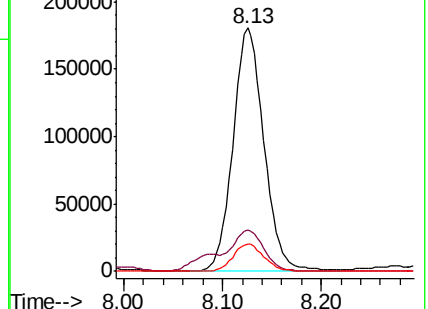
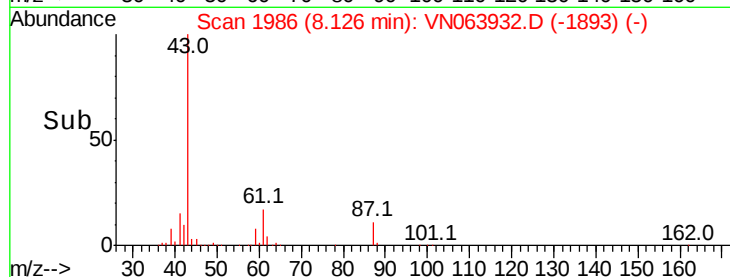
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063932.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063932.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063932.D (-1893) (-)



#44

Trichloroethene

Concen: 47.768 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063932.D

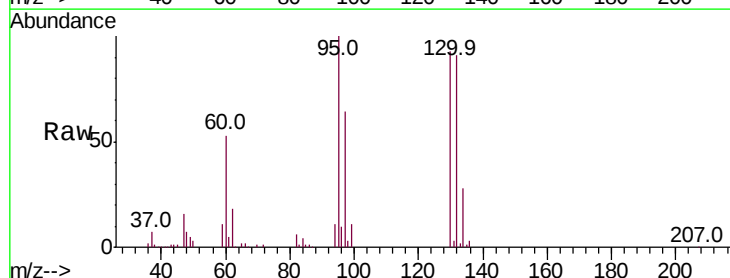
Acq: 7 Oct 2020 7:54

Tgt Ion:130 Resp: 156852

Ion Ratio Lower Upper

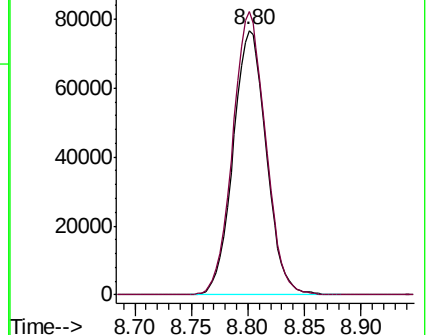
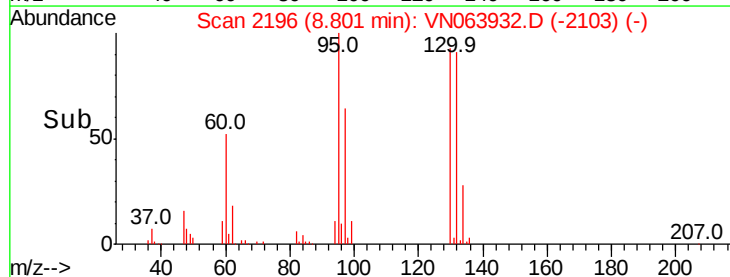
130 100

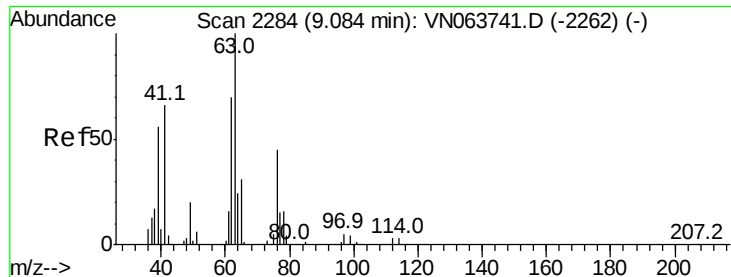
95 106.9 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063932.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063932.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 51.777 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

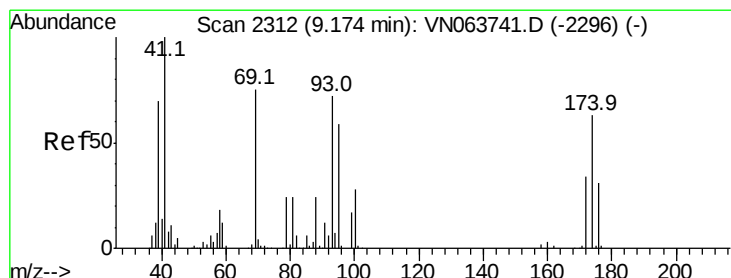
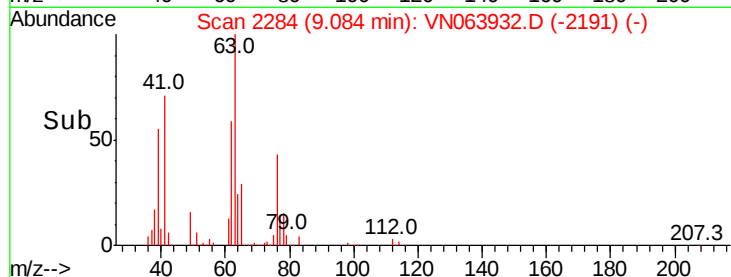
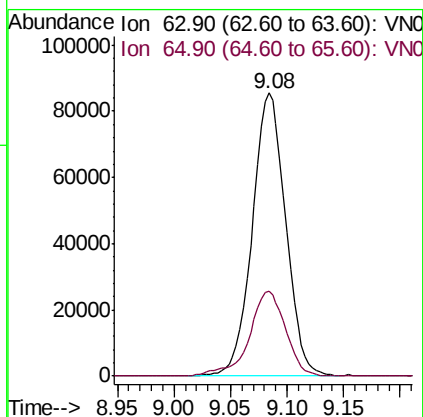
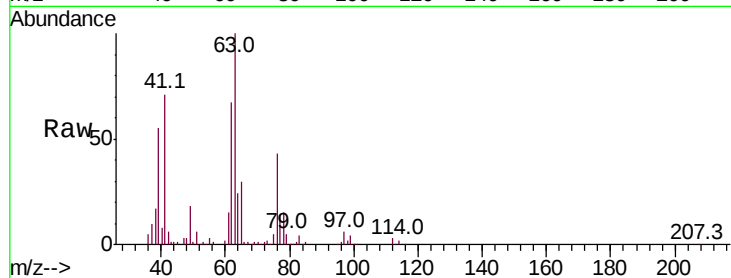
VSTDCCC050EC

Tot Ion: 63 Resp: 175243

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 49.562 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

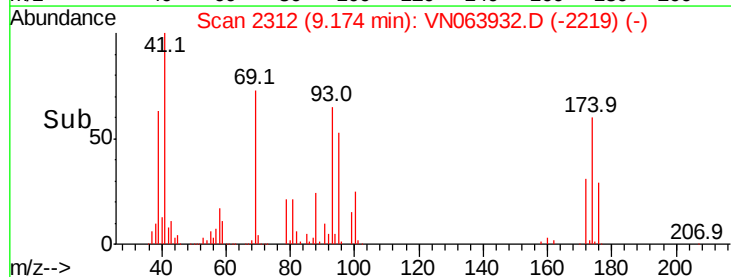
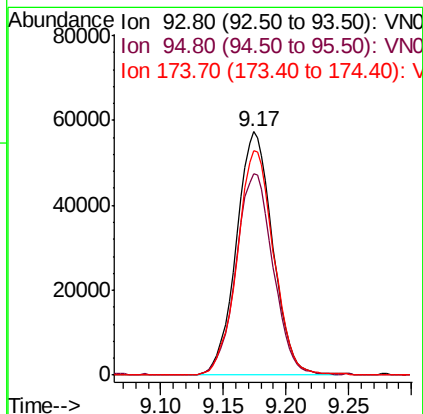
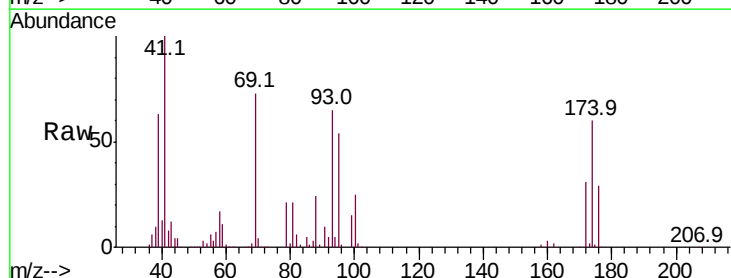
Tgt Ion: 93 Resp: 115719

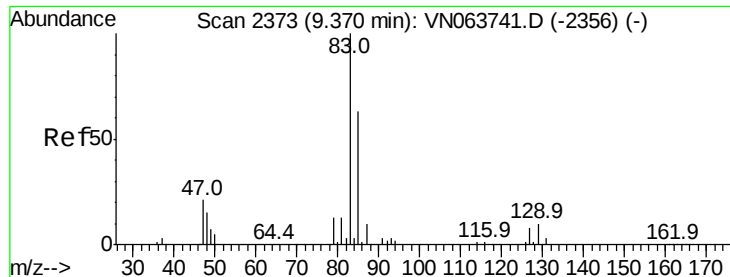
Ion Ratio Lower Upper

93 100

95 84.4 66.3 99.5

174 92.6 72.7 109.1





#47

Bromodichloromethane

Concen: 52.859 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

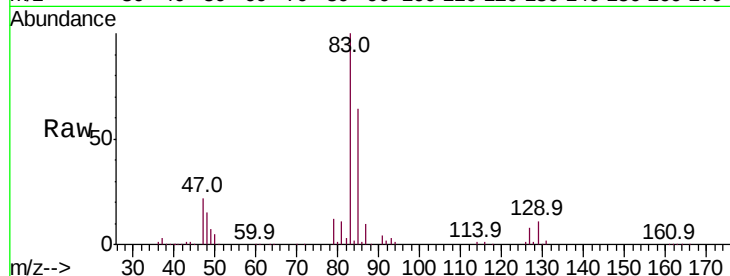
Tot Ion: 83 Resp: 254358

Ion Ratio Lower Upper

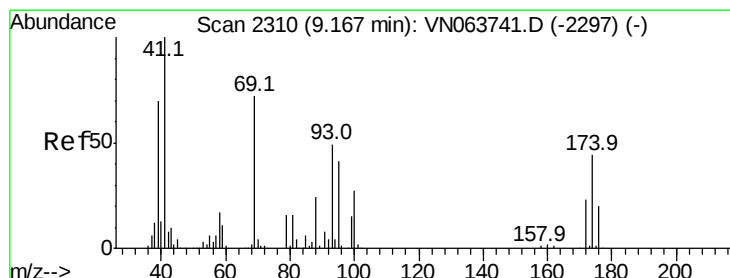
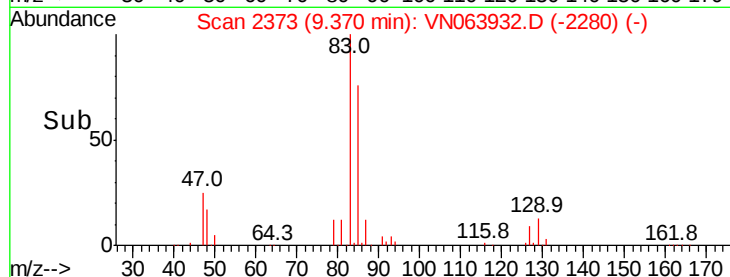
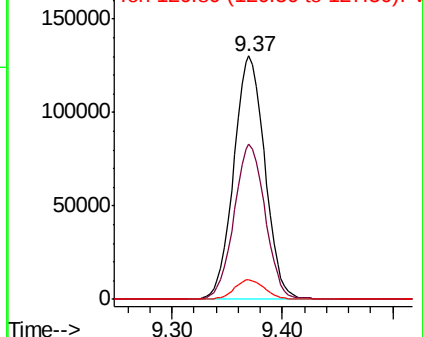
83 100

85 63.7 50.6 75.8

127 7.8 6.6 9.8



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



#48

Methyl methacrylate

Concen: 57.506 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

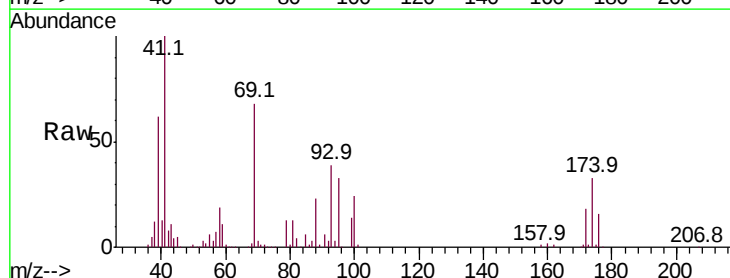
Tgt Ion: 41 Resp: 204287

Ion Ratio Lower Upper

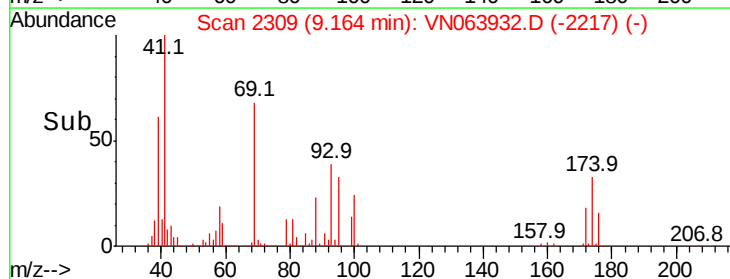
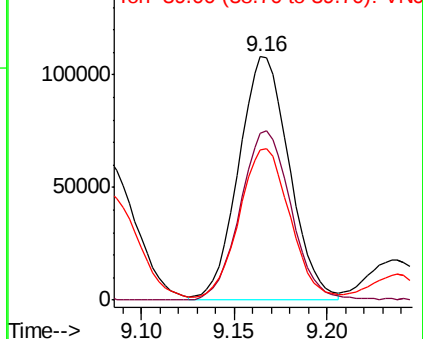
41 100

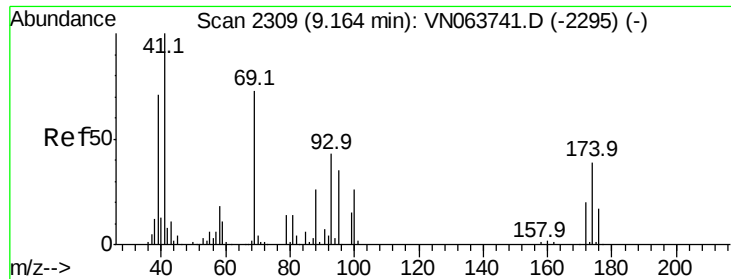
69 70.0 60.9 91.3

39 62.7 57.5 86.3



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

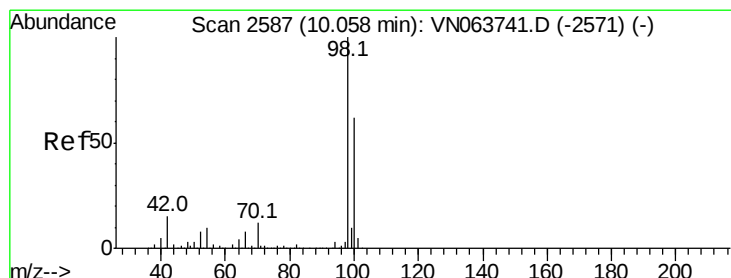
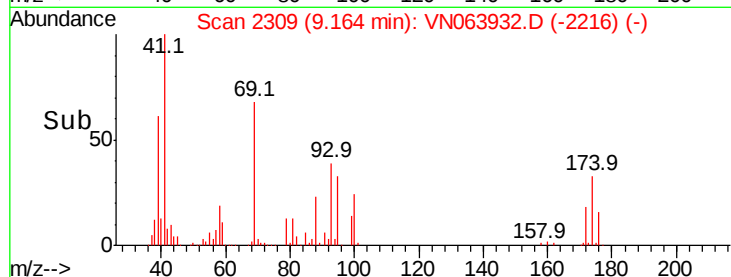
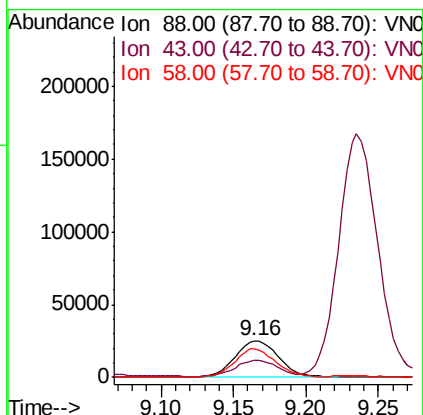
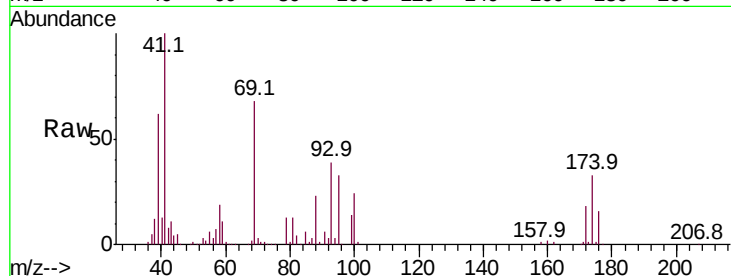




#49
1,4-Dioxane
Concen: 1048.047 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

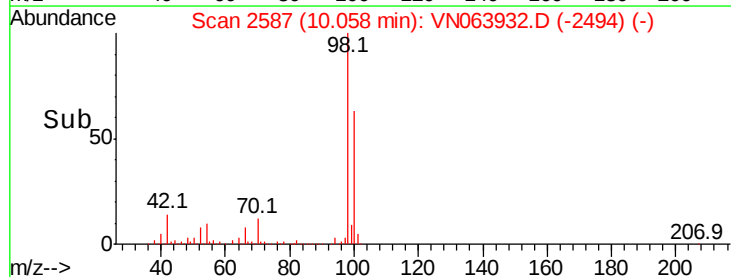
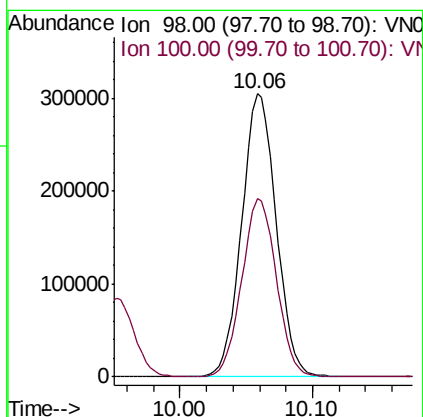
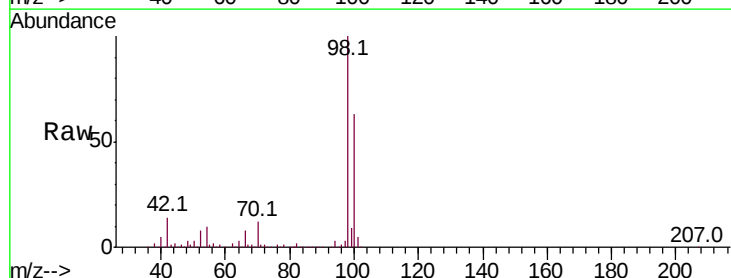
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

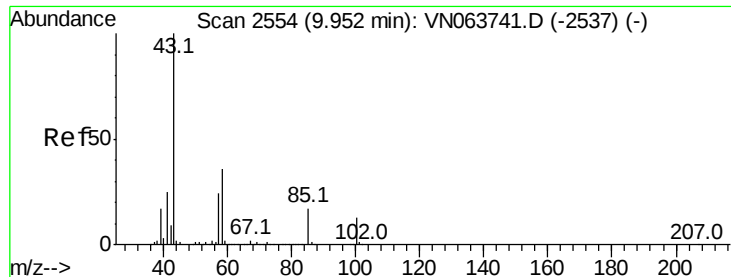
Tot Ion: 88 Resp: 52914
Ion Ratio Lower Upper
88 100
43 43.6 33.1 49.7
58 73.9 58.9 88.3



#50
Toluene-d8
Concen: 48.438 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 98 Resp: 551814
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 288.867 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

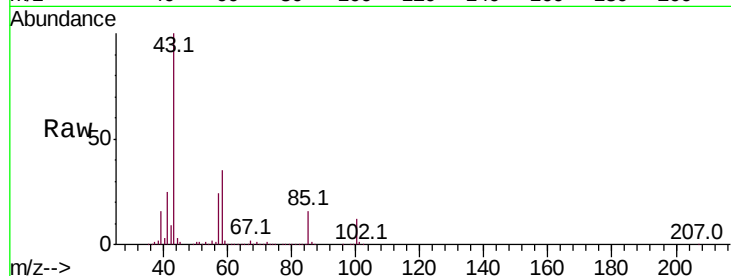
VSTDCCC050EC

Tot Ion: 43 Resp: 1218898

Ion Ratio Lower Upper

43 100

58 34.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

800000

600000

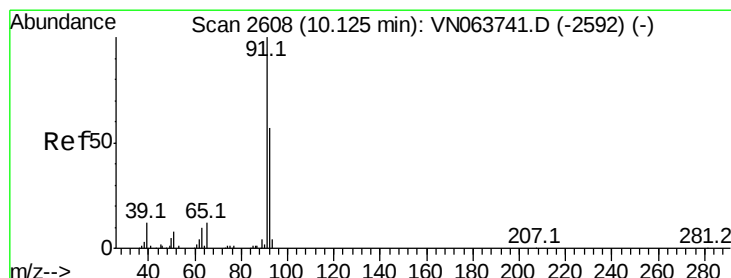
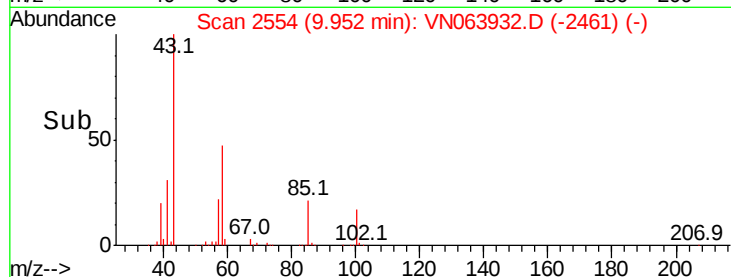
400000

200000

0

9.95

Time-->



#52

Toluene

Concen: 51.320 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063932.D

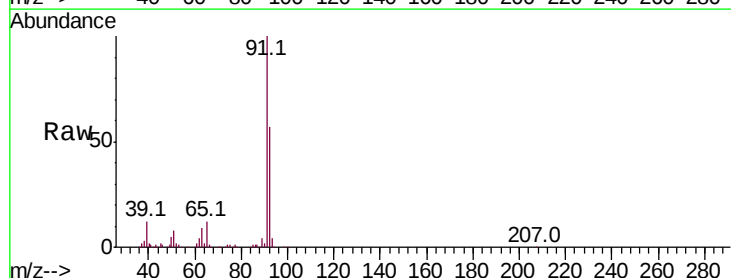
Acq: 7 Oct 2020 7:54

Tgt Ion: 92 Resp: 397813

Ion Ratio Lower Upper

92 100

91 172.2 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

400000

300000

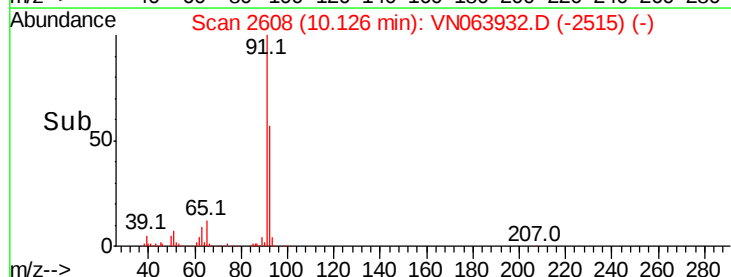
200000

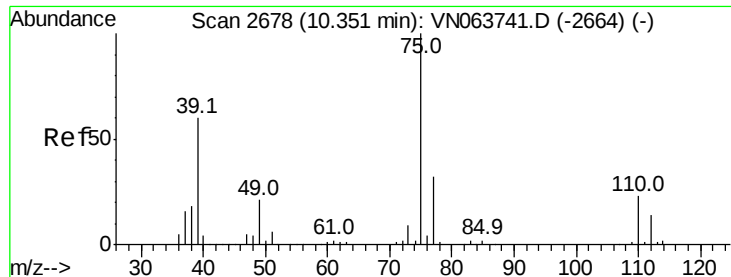
100000

0

10.13

Time-->

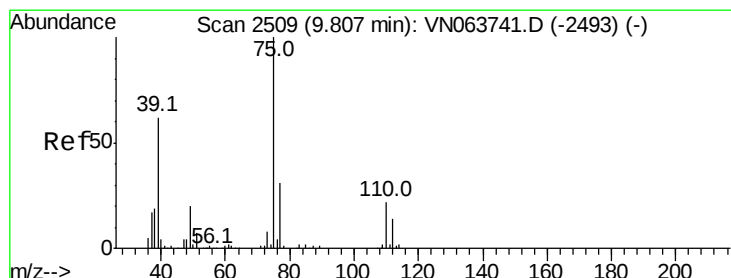
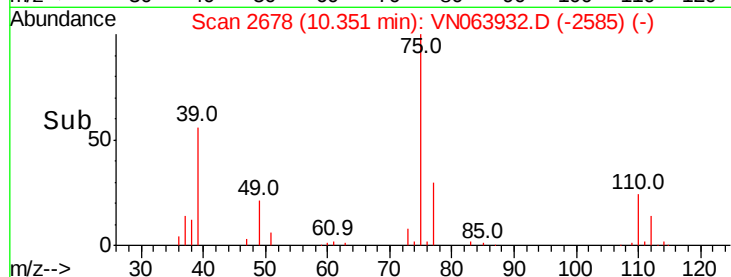
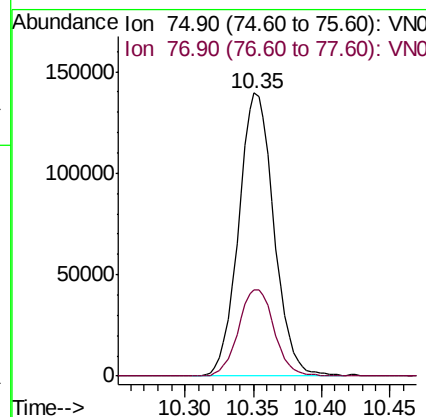
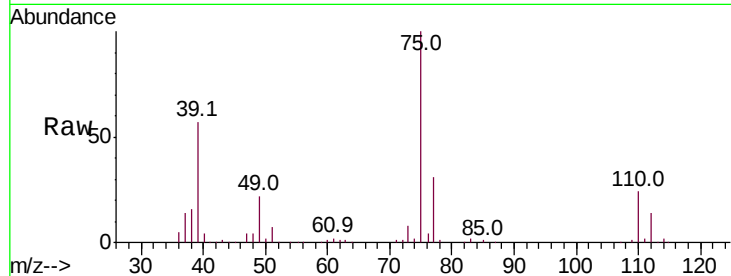




#53
 t-1,3-Dichloropropene
 Concen: 48.548 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

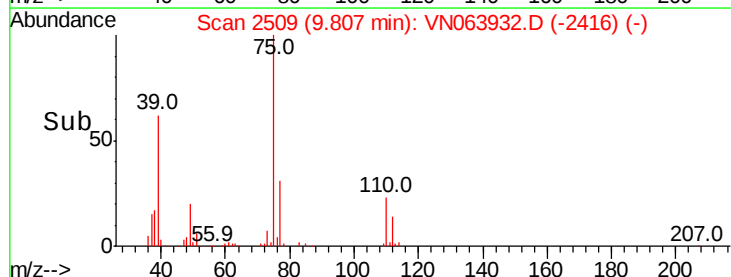
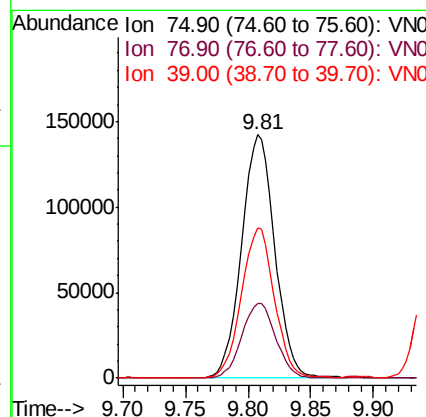
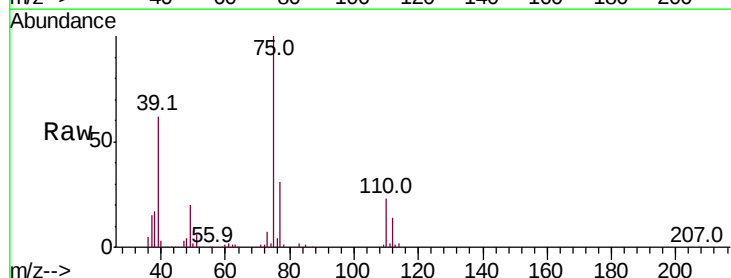
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

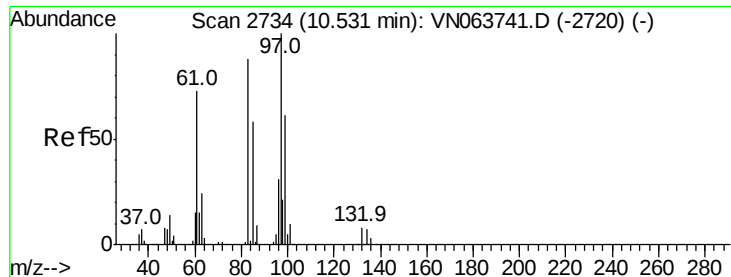
Tot Ion: 75 Resp: 250419
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.724 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 75 Resp: 262839
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 61.7 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 51.441 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 159913

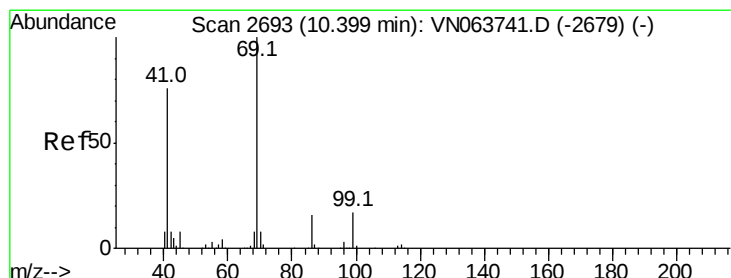
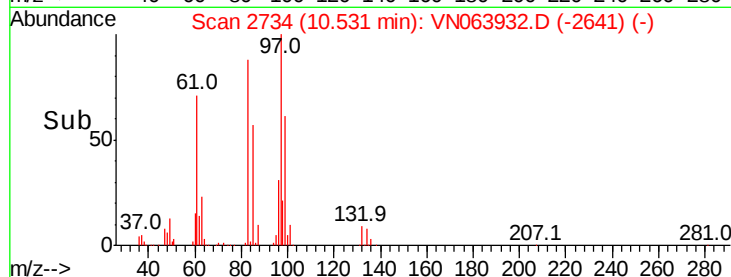
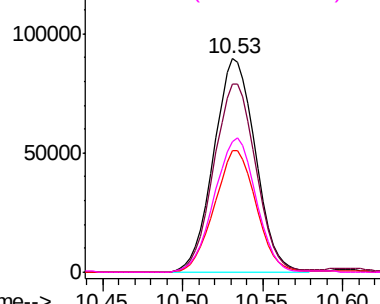
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.7	106.1
85	56.7	46.1	69.1
99	61.3	48.8	73.2

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 54.642 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

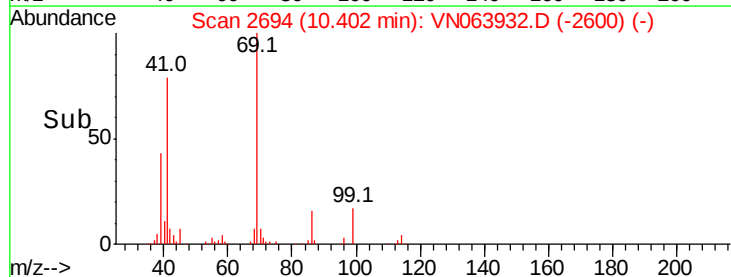
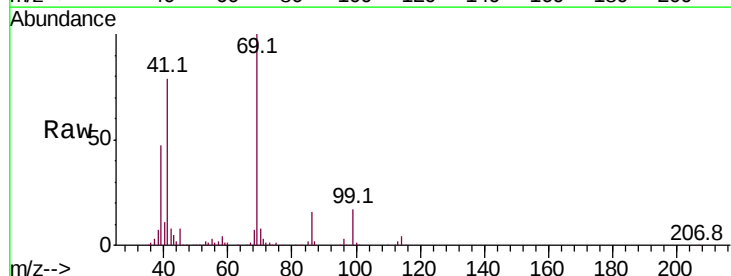
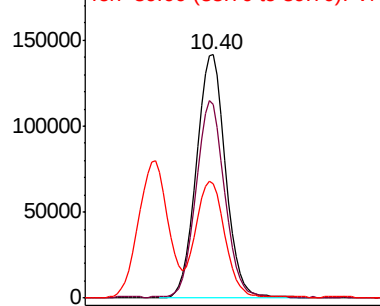
Tgt Ion: 69 Resp: 240776

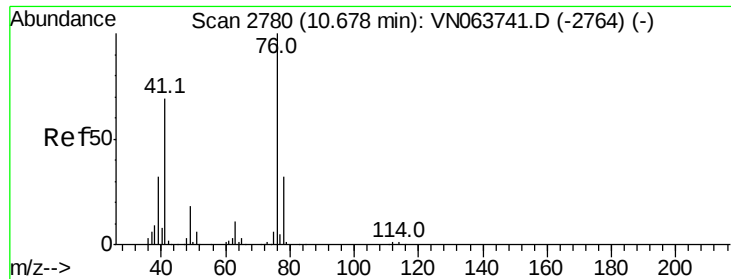
Ion	Ratio	Lower	Upper
69	100		
41	79.1	61.1	91.7
39	47.7	42.2	63.4

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.277 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

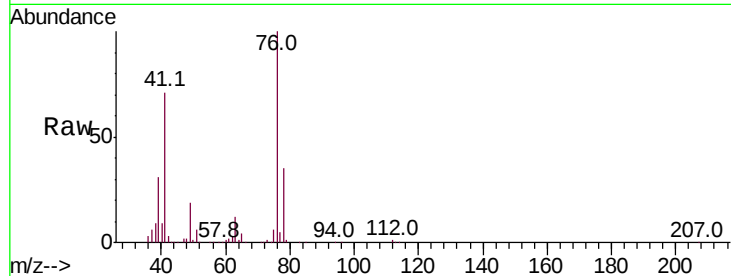
VSTDCCC050EC

Tot Ion: 76 Resp: 280198

Ion Ratio Lower Upper

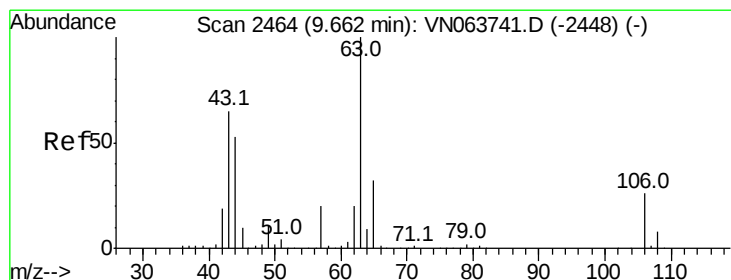
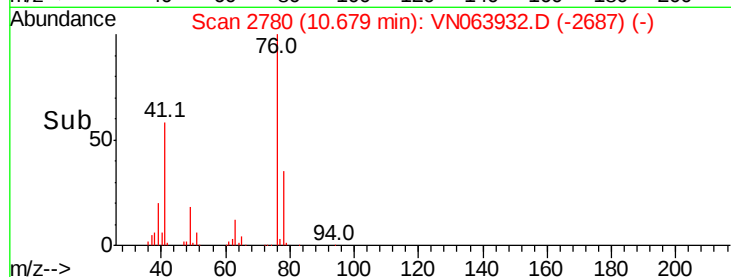
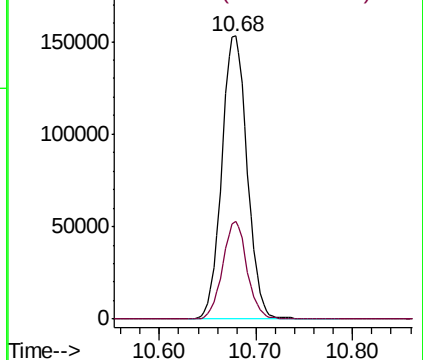
76 100

78 33.0 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 276.508 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063932.D

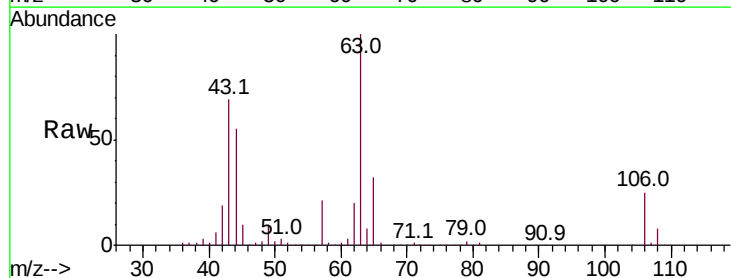
Acq: 7 Oct 2020 7:54

Tgt Ion: 63 Resp: 651738

Ion Ratio Lower Upper

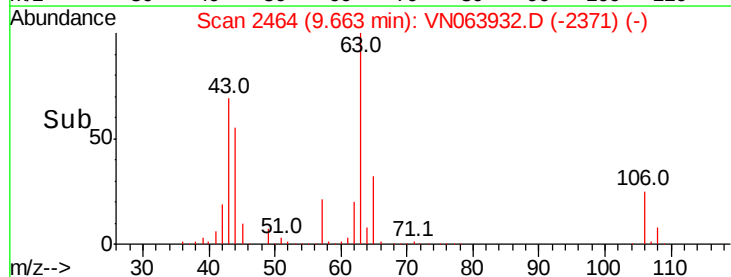
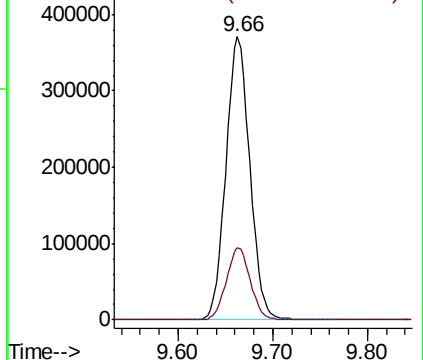
63 100

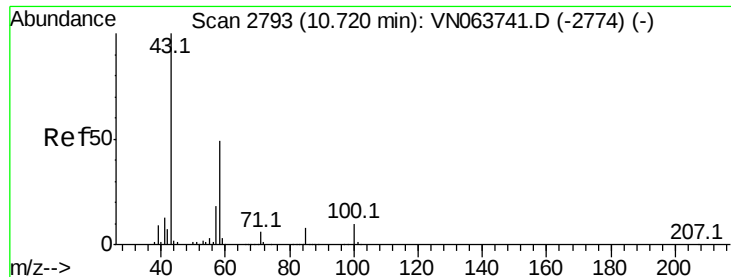
106 25.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

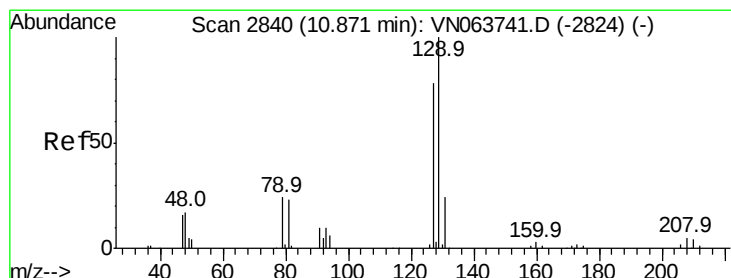
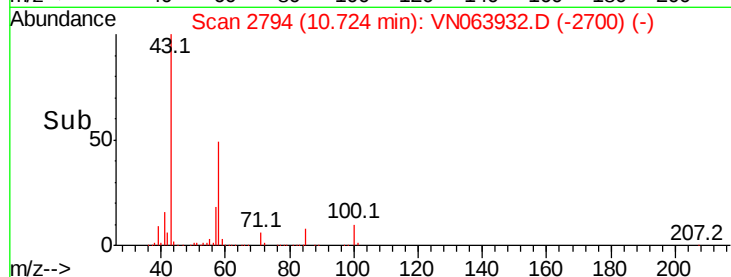
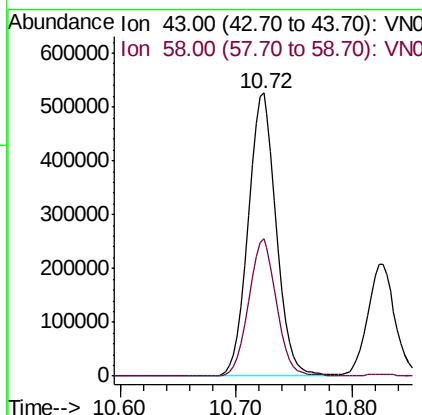
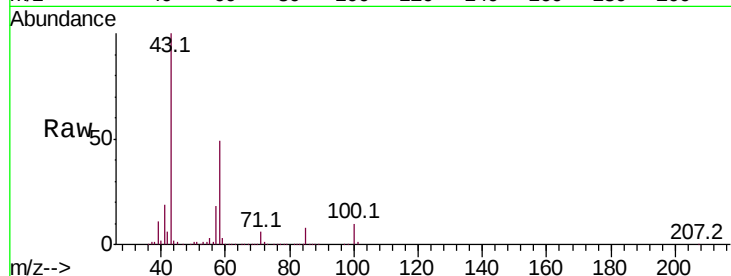




#59
2-Hexanone
Concen: 282.945 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

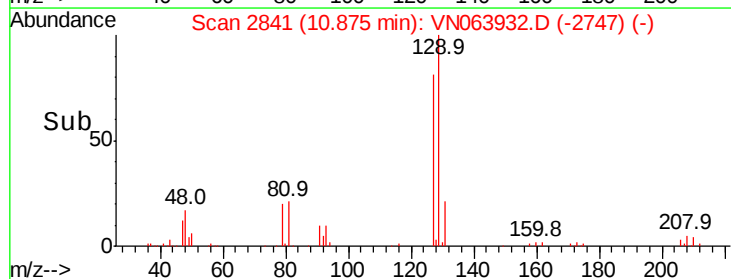
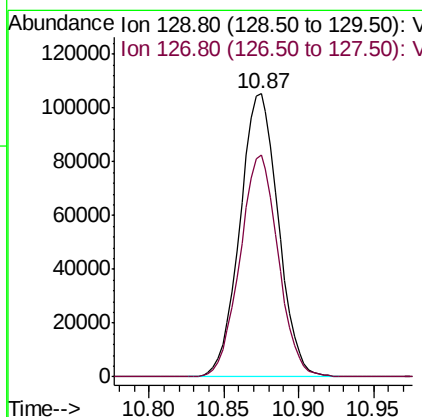
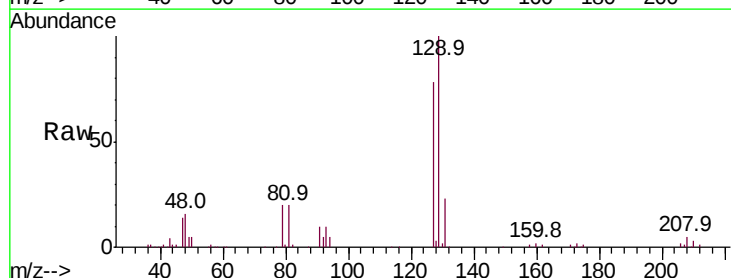
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

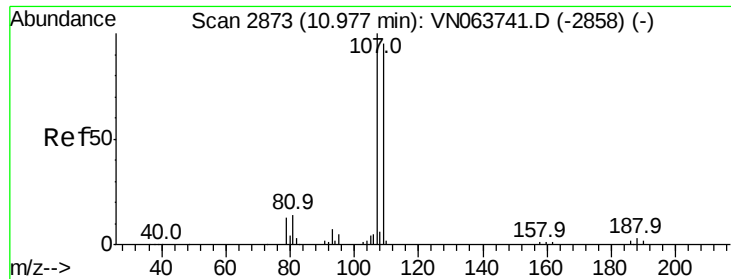
Tot Ion: 43 Resp: 886911
Ion Ratio Lower Upper
43 100
58 48.3 24.6 73.8



#60
Dibromochloromethane
Concen: 52.161 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 129 Resp: 188840
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

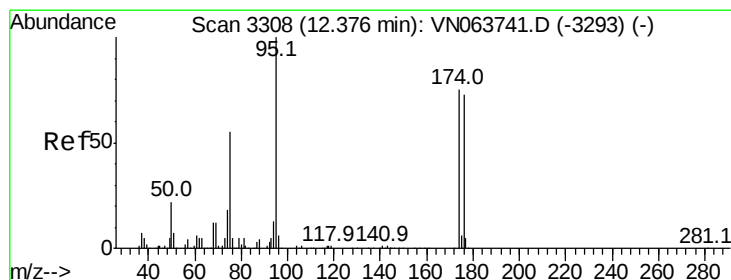
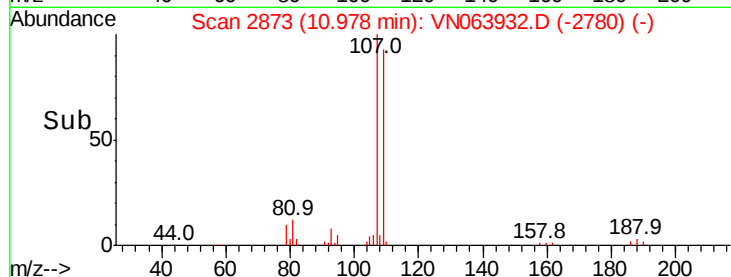
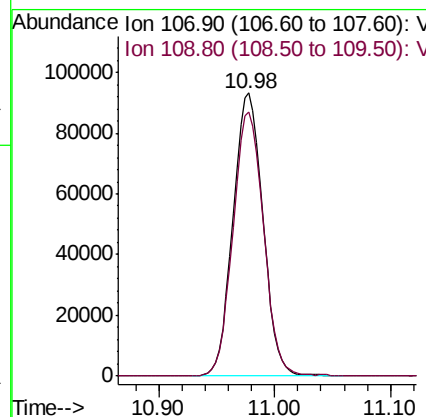
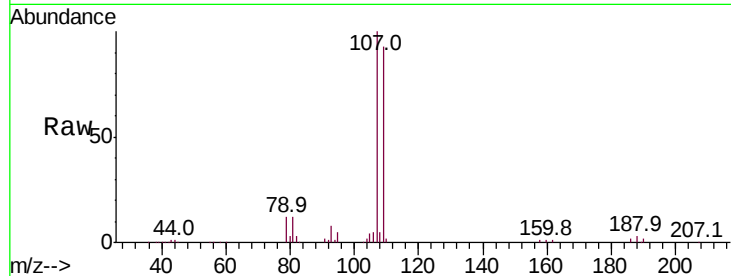




#61
 1,2-Dibromoethane
 Concen: 52.164 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

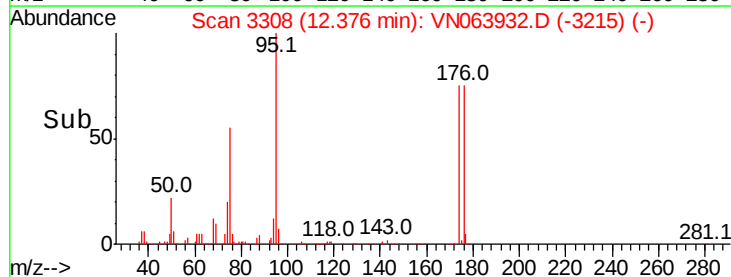
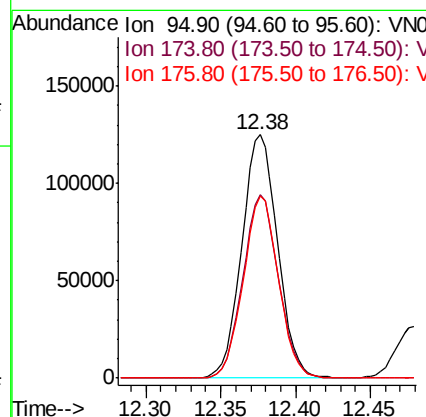
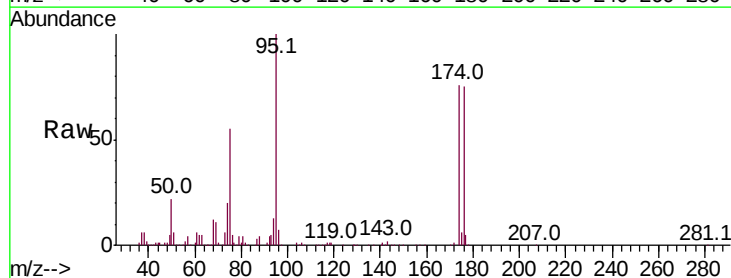
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

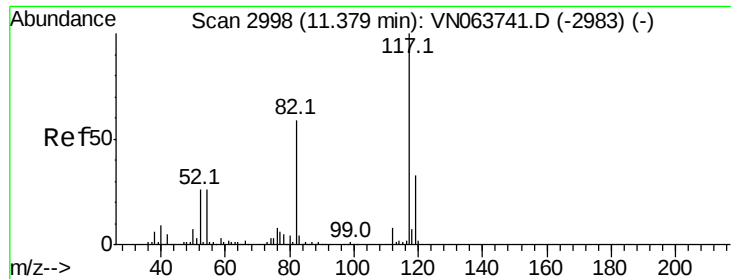
Tot Ion:107 Resp: 165877
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.579 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 95 Resp: 208036
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 73.6 0.0 145.4

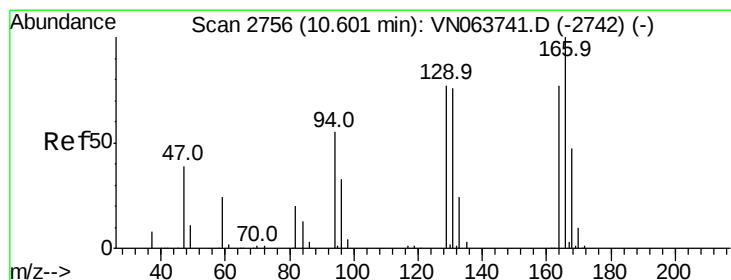
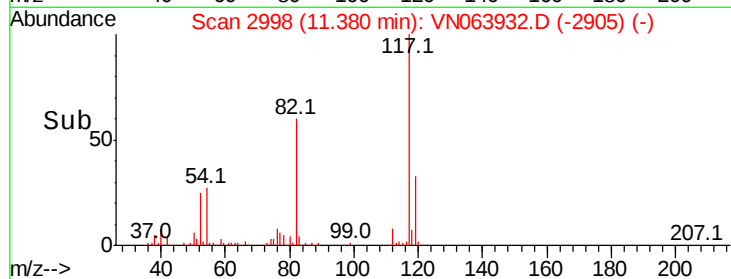
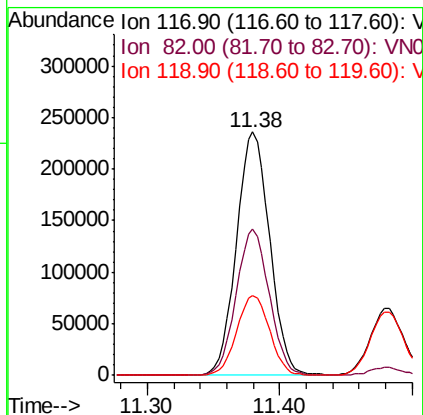
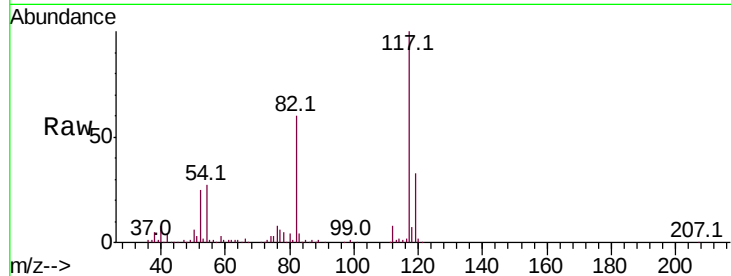




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

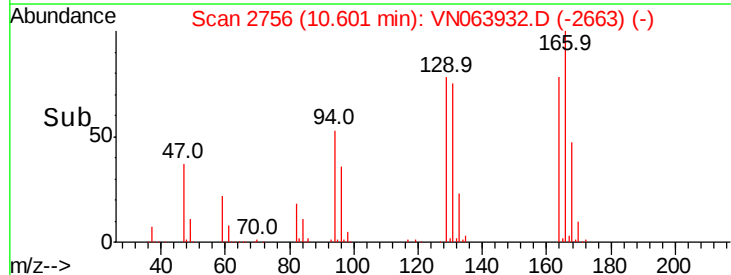
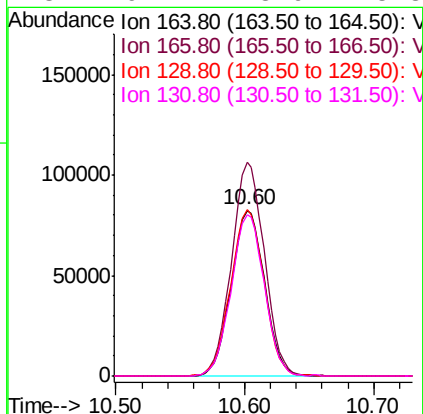
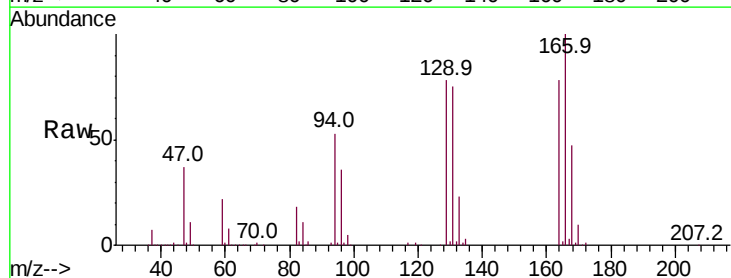
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

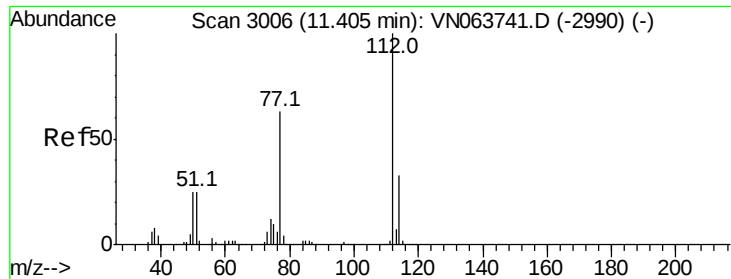
Tot Ion:117 Resp: 411326
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 46.580 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:164 Resp: 148231
Ion Ratio Lower Upper
164 100
166 129.0 103.9 155.9
129 100.3 80.3 120.5
131 97.1 78.9 118.3

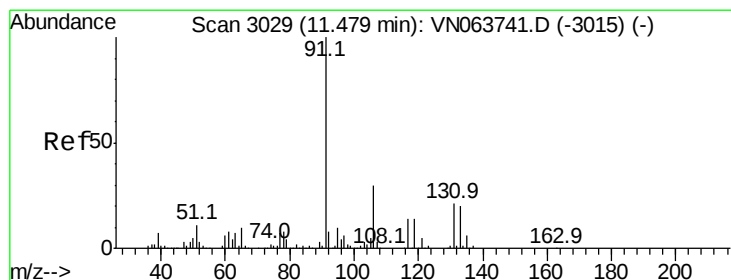
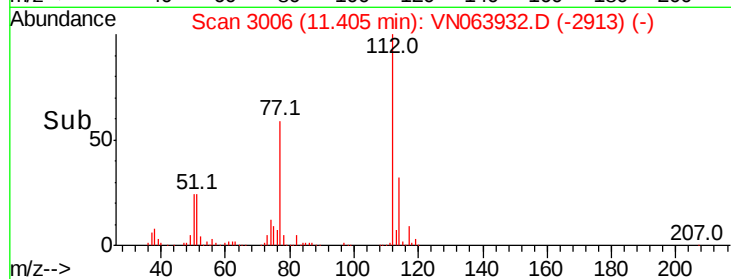
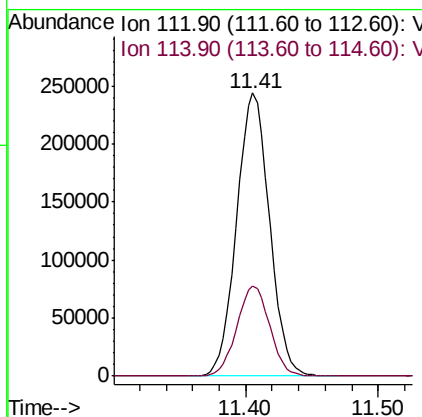
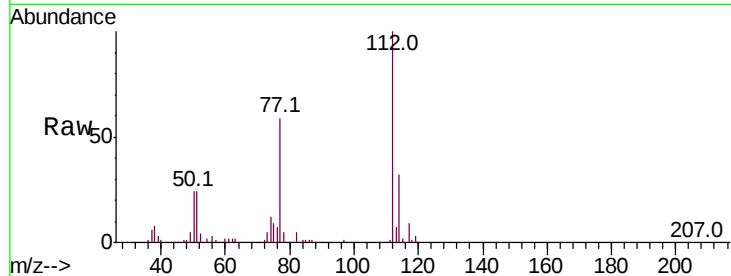




#65
Chlorobenzene
Concen: 49.764 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

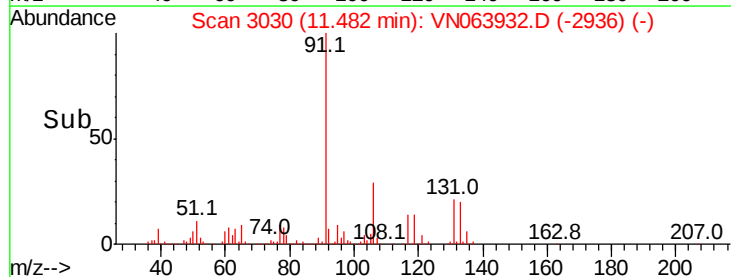
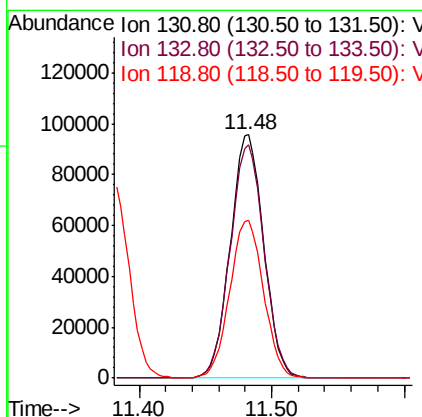
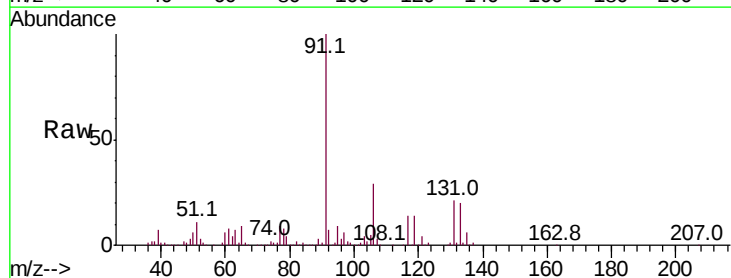
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

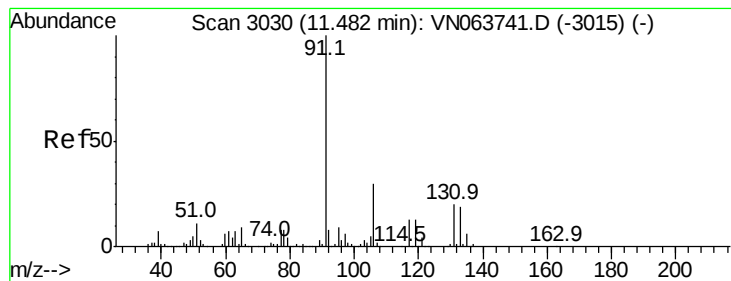
Tot Ion:112 Resp: 419884
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.782 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:131 Resp: 167502
Ion Ratio Lower Upper
131 100
133 97.5 47.3 141.8
119 65.7 32.6 97.7





#67

Ethyl Benzene

Concen: 49.607 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

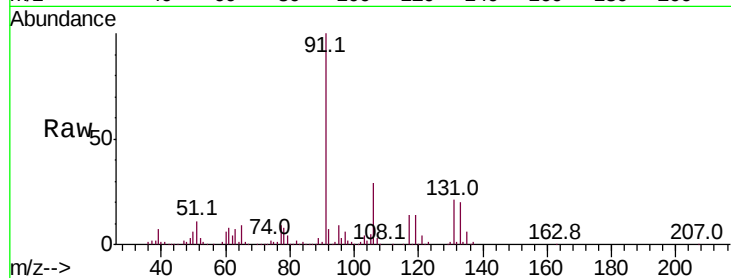
VSTDCCC050EC

Tot Ion: 91 Resp: 761637

Ion Ratio Lower Upper

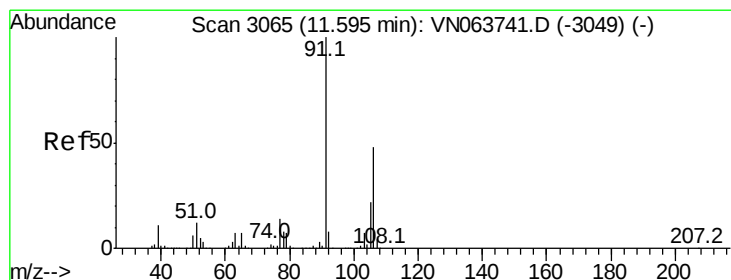
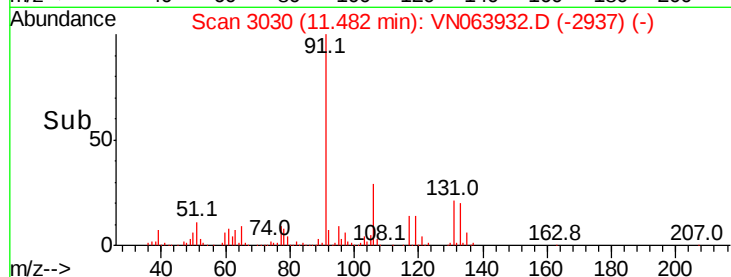
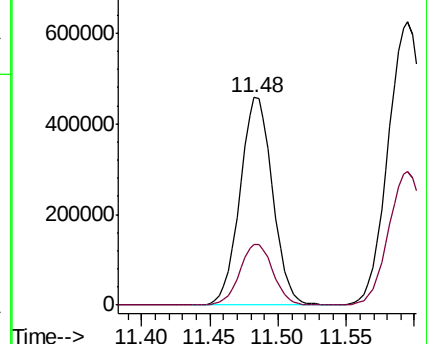
91 100

106 29.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3015) (-)

Ion 106.00 (105.70 to 106.70): VN063741.D (-3015) (-)



#68

m/p-Xylenes

Concen: 97.681 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063932.D

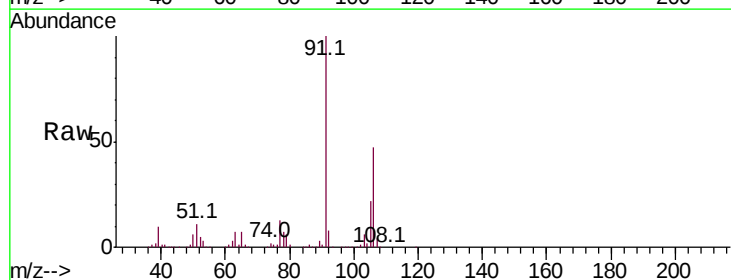
Acq: 7 Oct 2020 7:54

Tgt Ion: 106 Resp: 558943

Ion Ratio Lower Upper

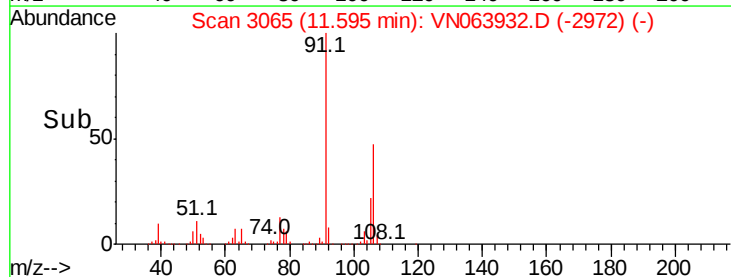
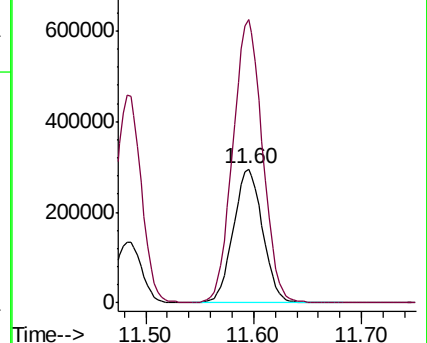
106 100

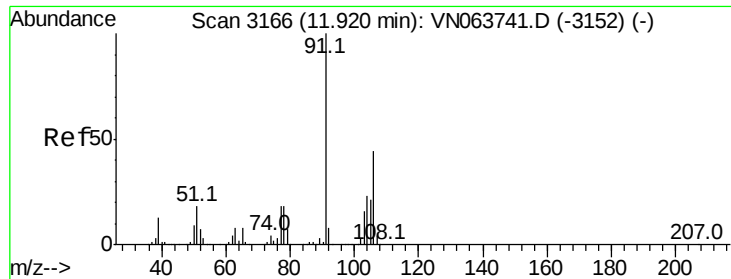
91 212.6 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): VN063741.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-3049) (-)

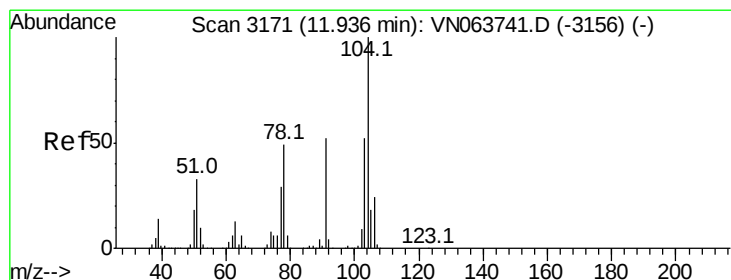
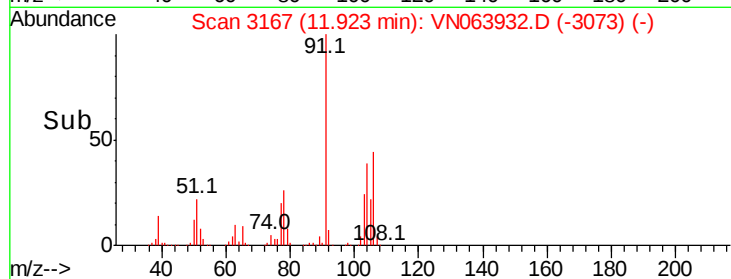
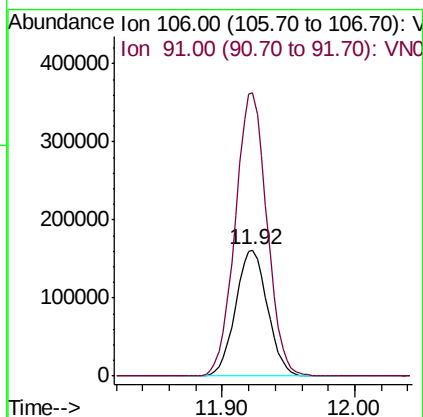
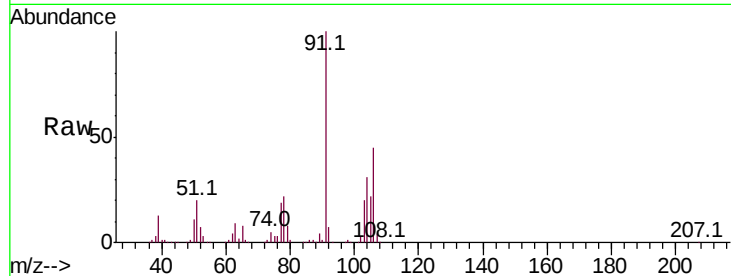




#69
o-Xylene
Concen: 50.711 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

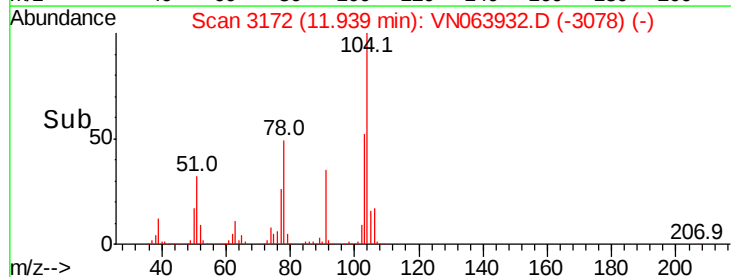
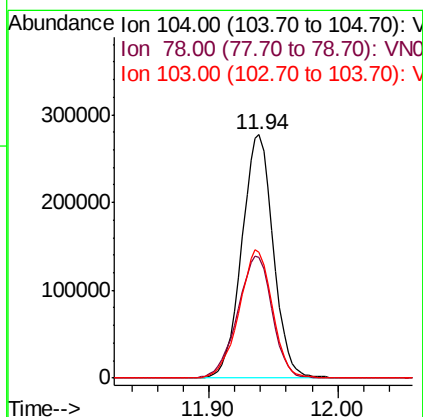
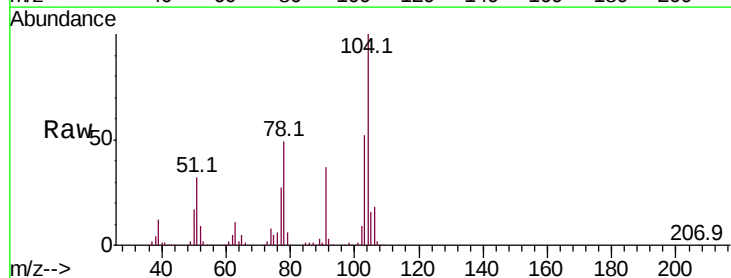
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

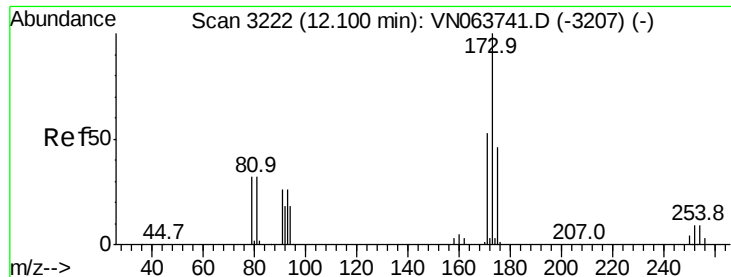
Tot Ion:106 Resp: 271220
Ion Ratio Lower Upper
106 100
91 222.4 112.7 338.0



#70
Styrene
Concen: 51.840 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:104 Resp: 470638
Ion Ratio Lower Upper
104 100
78 55.4 44.1 66.1
103 56.0 44.3 66.5





#71

Bromoform

Concen: 52.517 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

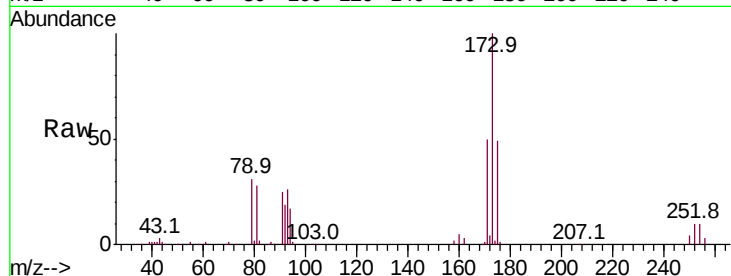
Tot Ion:173 Resp: 129925

Ion Ratio Lower Upper

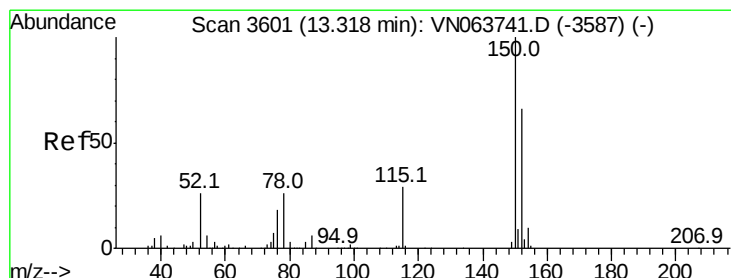
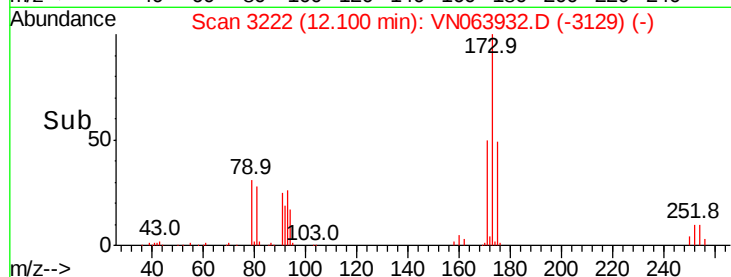
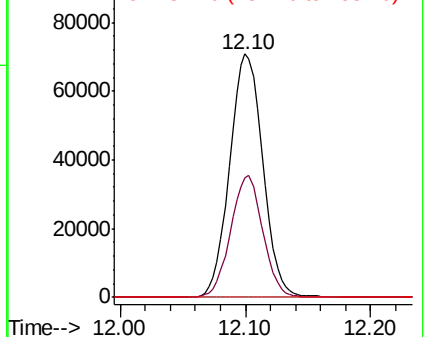
173 100

175 48.5 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: VN063932.D

Acq: 7 Oct 2020 7:54

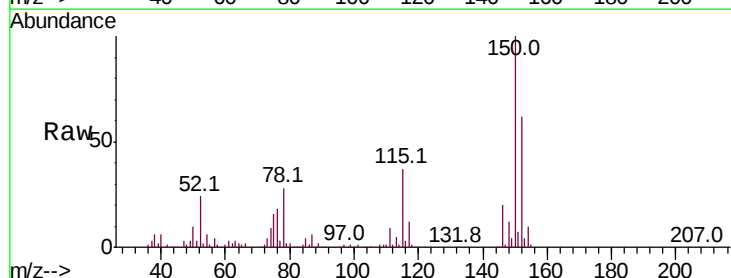
Tgt Ion:152 Resp: 201819

Ion Ratio Lower Upper

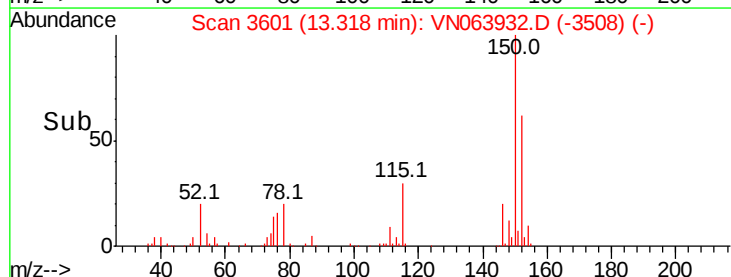
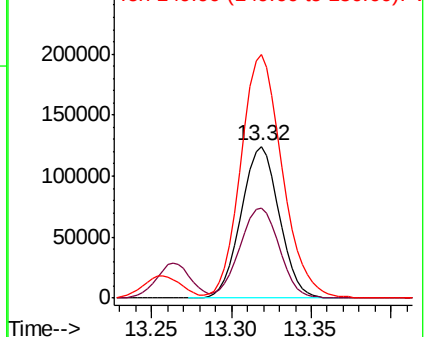
152 100

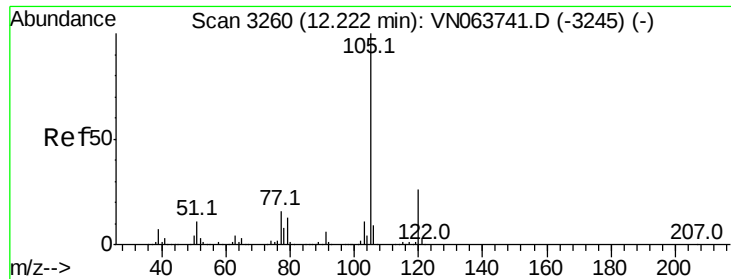
115 62.0 31.3 93.8

150 174.4 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.093 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

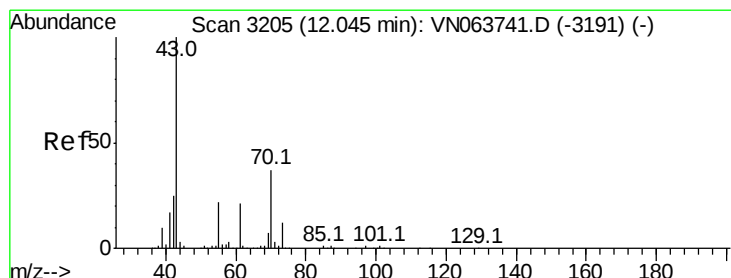
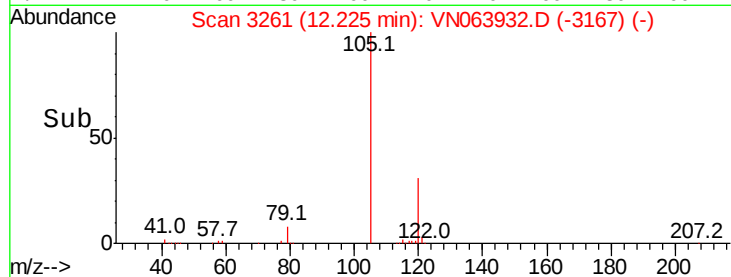
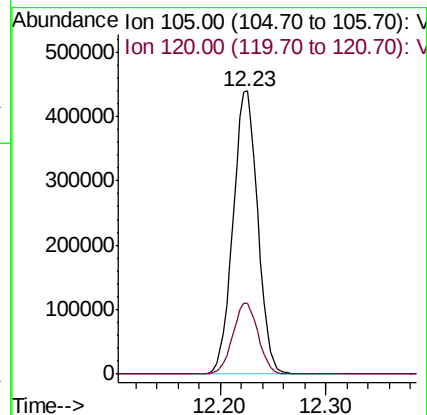
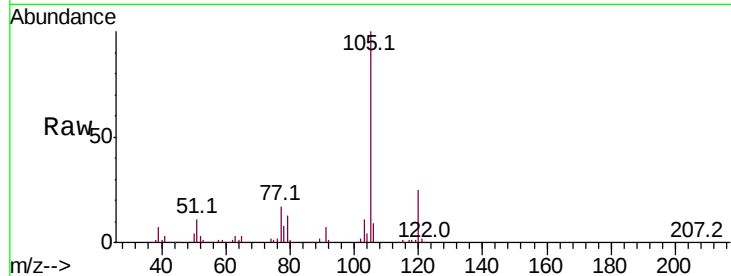
VSTDCCC050EC

Tot Ion:105 Resp: 707955

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 50.905 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Tgt Ion: 43 Resp: 348574

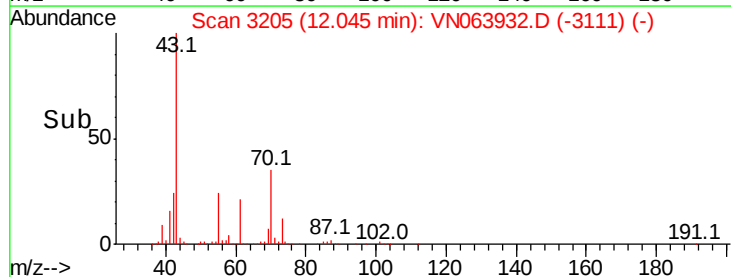
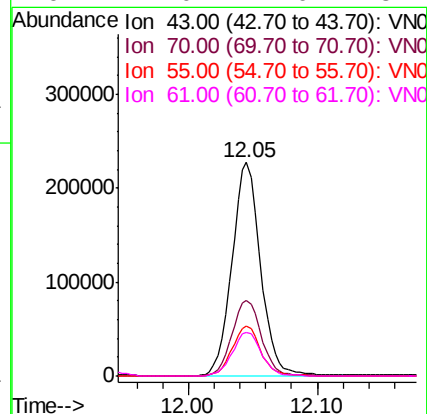
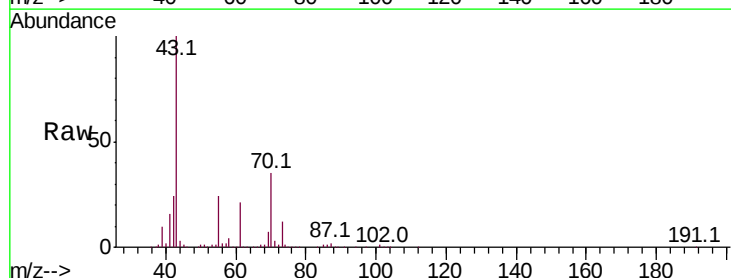
Ion Ratio Lower Upper

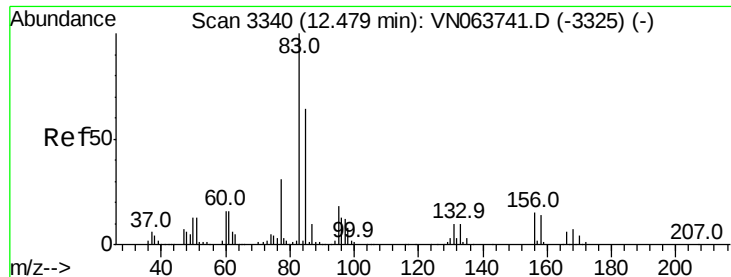
43 100

70 36.9 29.8 44.8

55 23.7 17.9 26.9

61 21.0 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.930 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

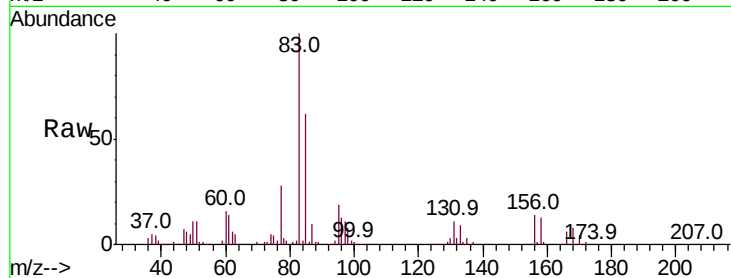
Tot Ion: 83 Resp: 233760

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

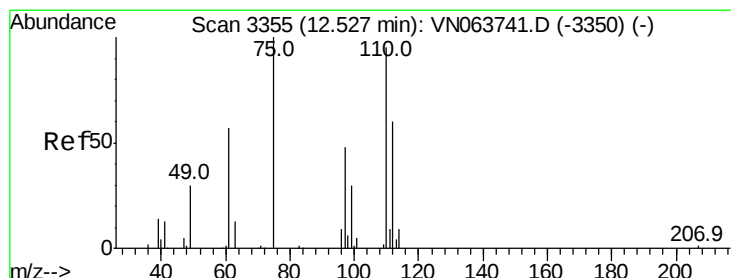
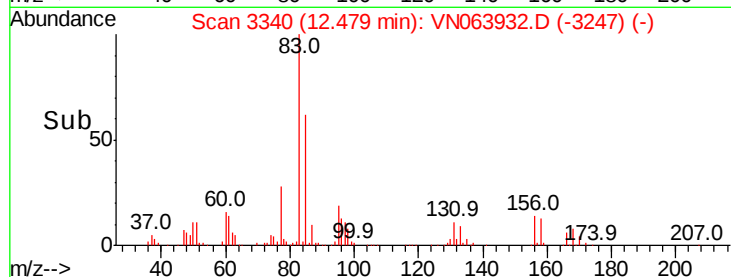
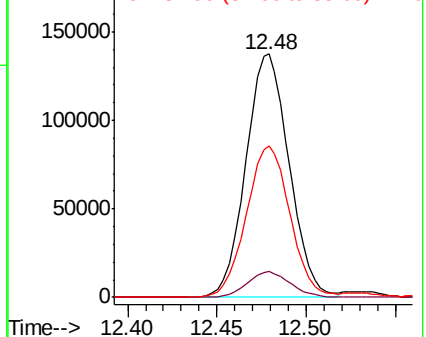
85 62.7 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063932.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063932.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063932.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 70.602 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063932.D

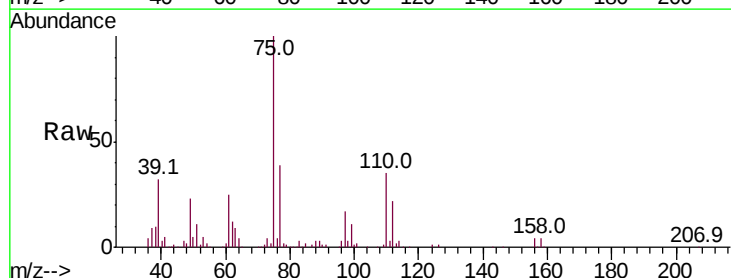
Acq: 7 Oct 2020 7:54

Tgt Ion: 75 Resp: 314099

Ion Ratio Lower Upper

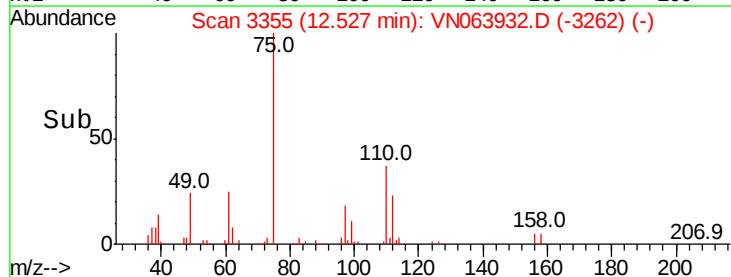
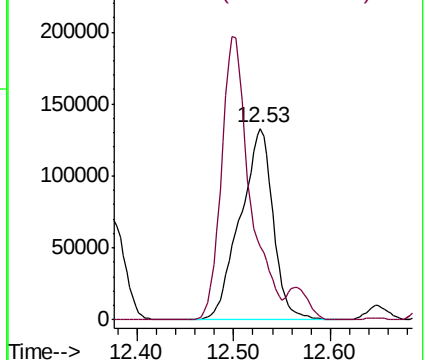
75 100

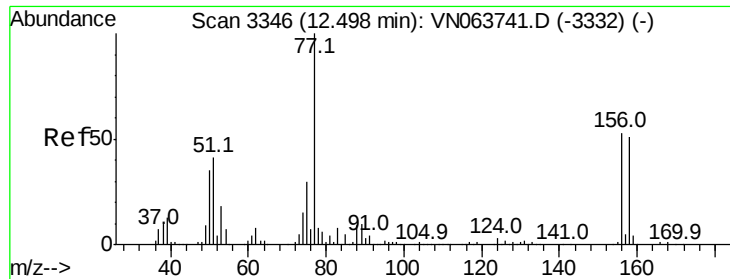
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063932.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063932.D (-3262) (-)





#77

Bromobenzene

Concen: 50.093 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

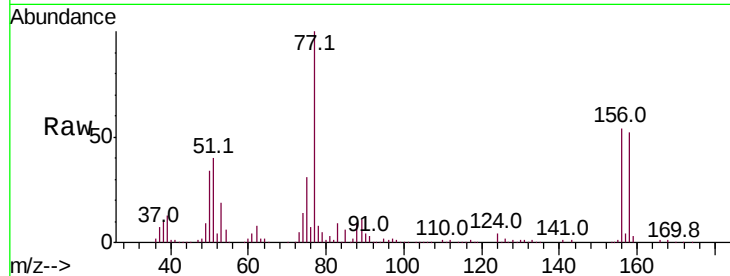
Tot Ion:156 Resp: 180938

Ion Ratio Lower Upper

156 100

77 223.1 110.9 332.7

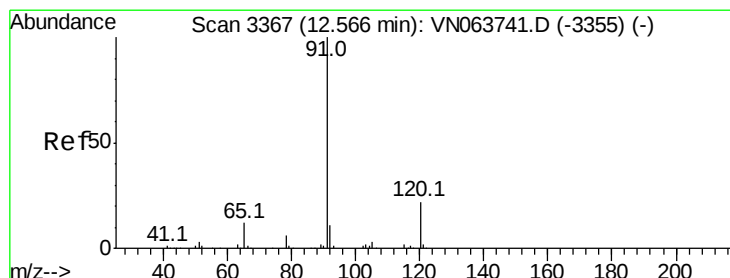
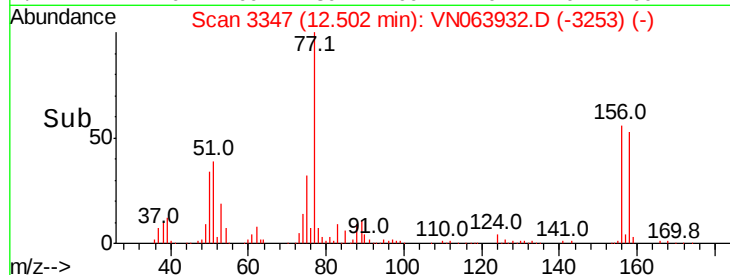
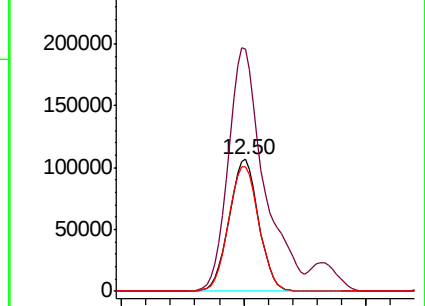
158 97.5 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.002 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063932.D

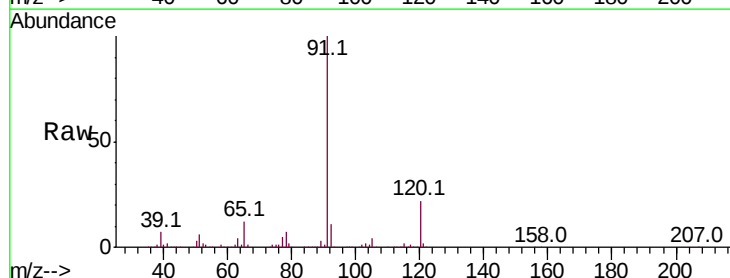
Acq: 7 Oct 2020 7:54

Tgt Ion: 91 Resp: 805231

Ion Ratio Lower Upper

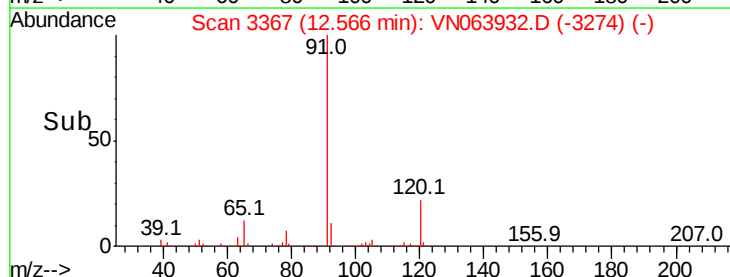
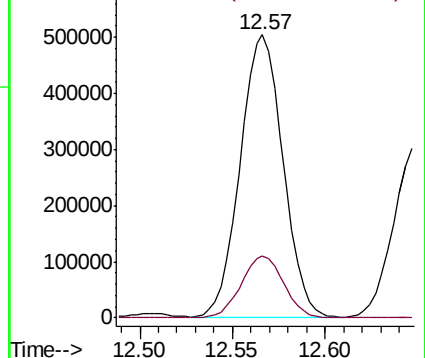
91 100

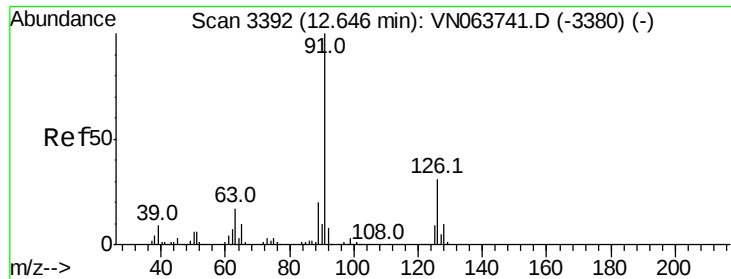
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

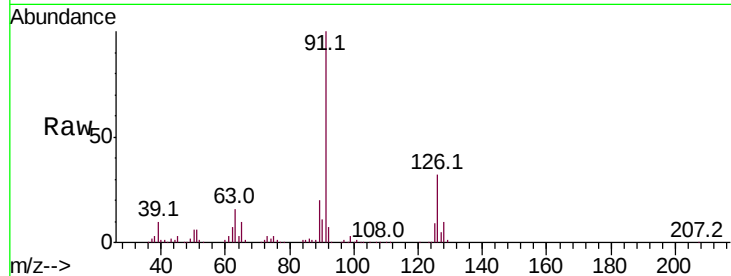




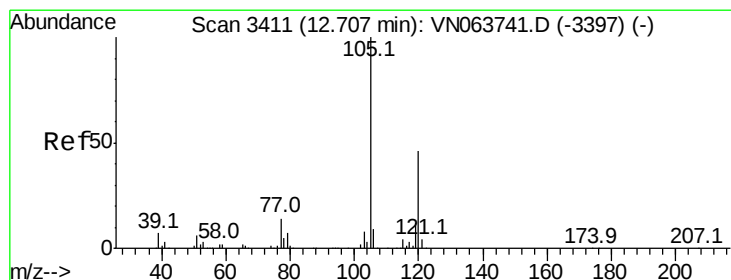
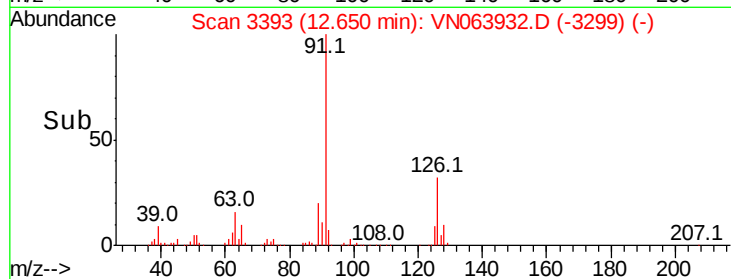
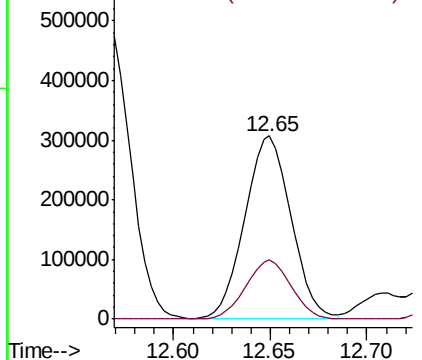
#79
 2-Chlorotoluene
 Concen: 48.245 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 508329
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.9 47.7

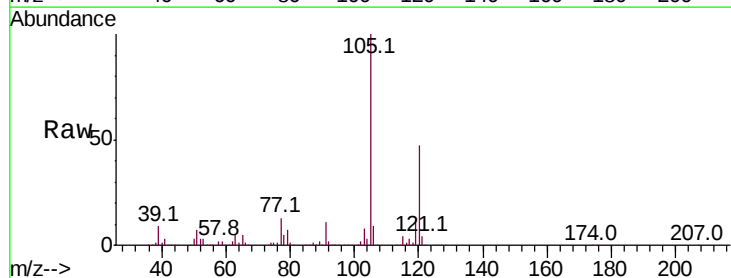


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

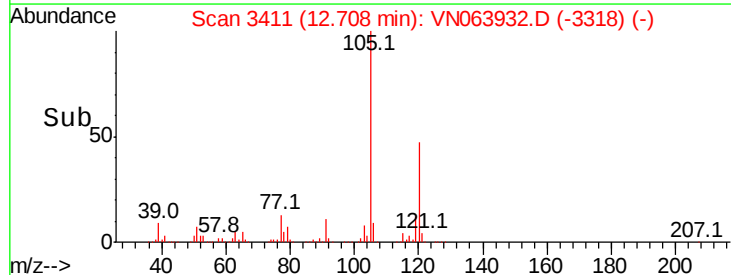
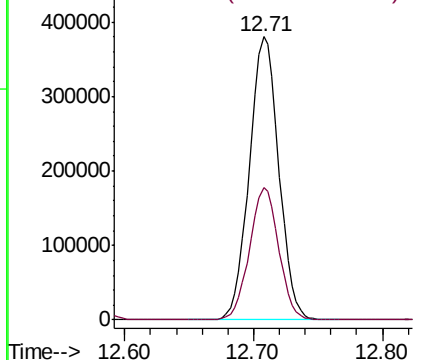


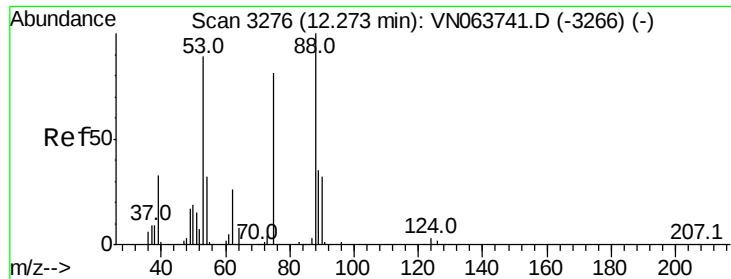
#80
 1,3,5-Trimethylbenzene
 Concen: 49.000 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 105 Resp: 605142
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)
 Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.697 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063932.D

Acq: 7 Oct 2020 7:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

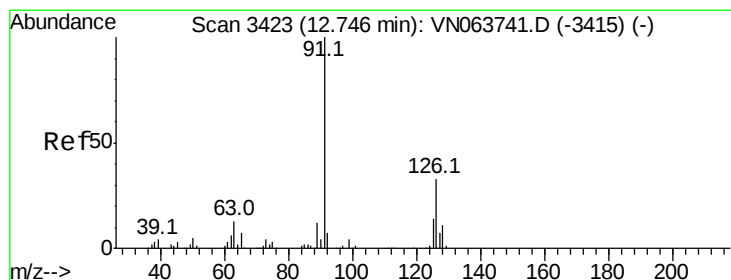
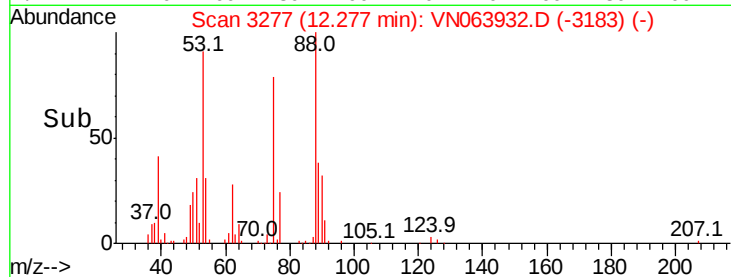
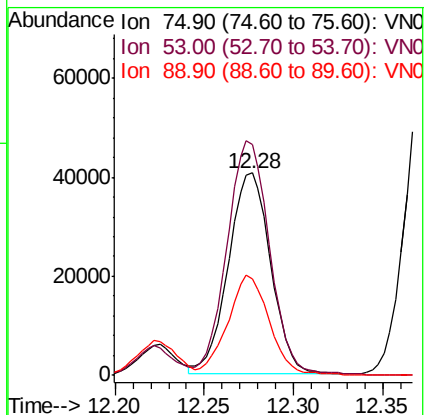
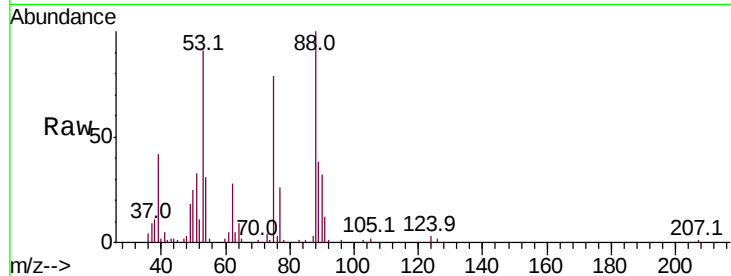
Tot Ion: 75 Resp: 67498

Ion Ratio Lower Upper

75 100

53 118.2 88.2 132.2

89 49.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 49.575 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063932.D

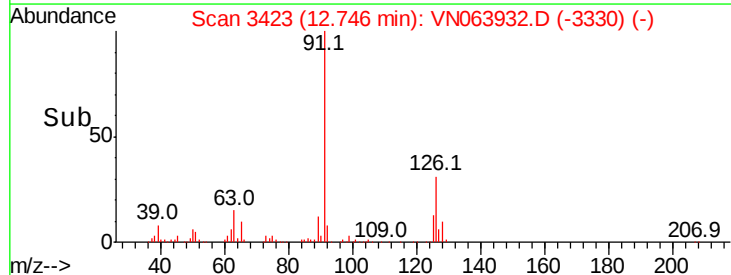
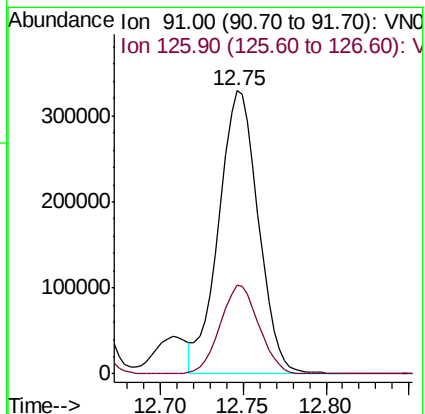
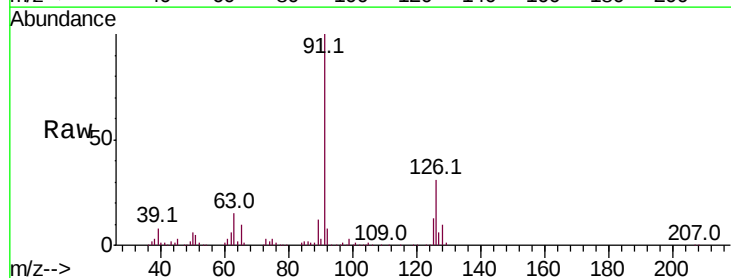
Acq: 7 Oct 2020 7:54

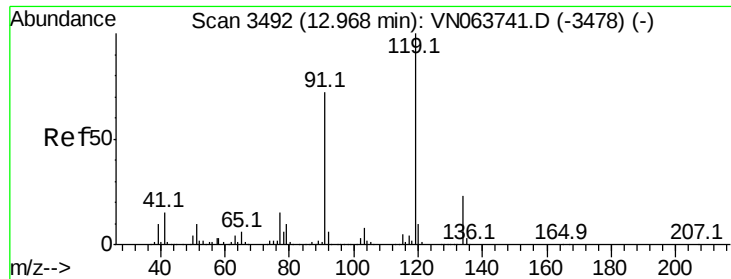
Tgt Ion: 91 Resp: 542241

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.2

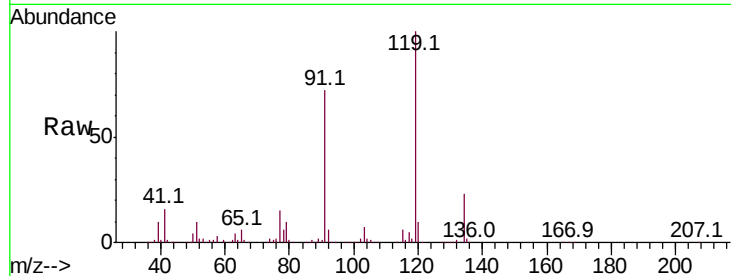




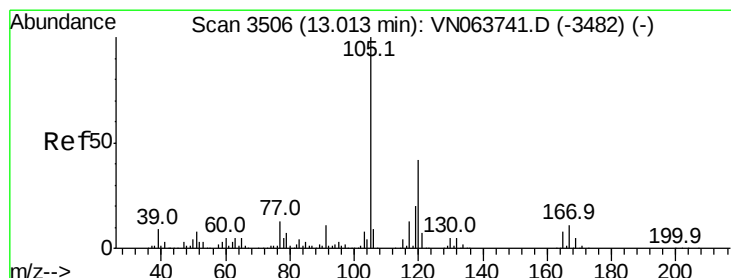
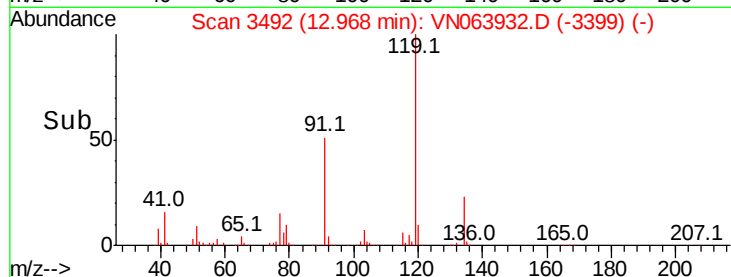
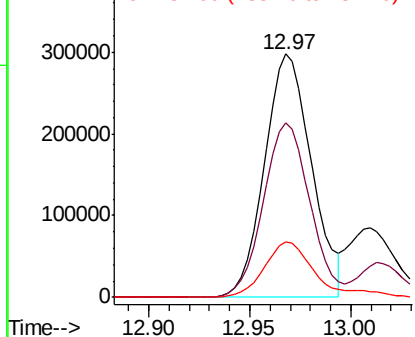
#83
tert-Butylbenzene
Concen: 47.727 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 482127
Ion Ratio Lower Upper
119 100
91 70.9 35.5 106.5
134 25.0 11.7 35.1

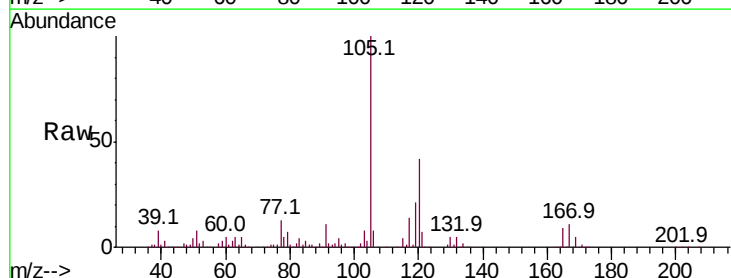


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

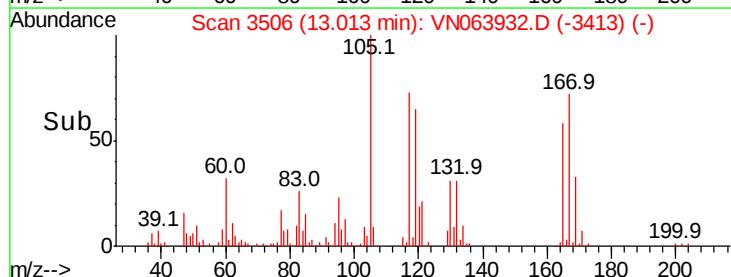
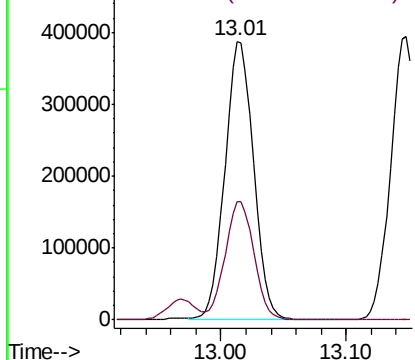


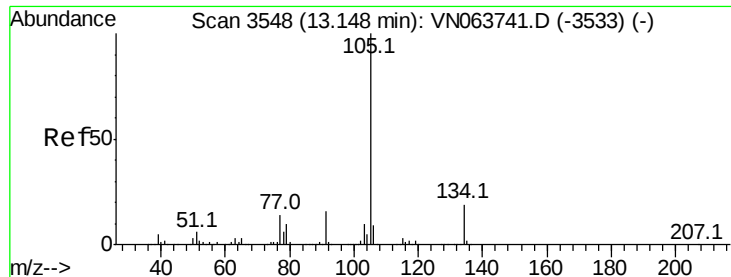
#84
1,2,4-Trimethylbenzene
Concen: 49.573 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:105 Resp: 611244
Ion Ratio Lower Upper
105 100
120 42.7 20.9 62.7



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

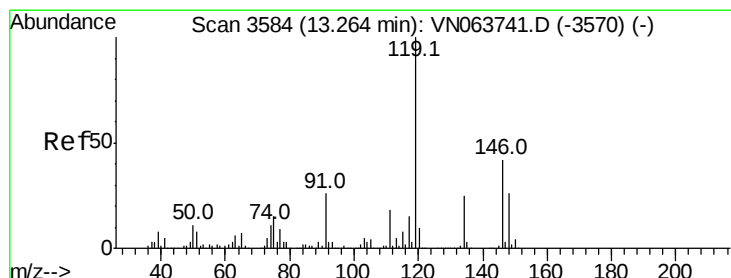
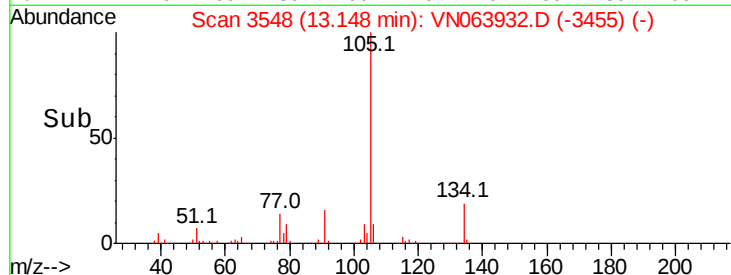
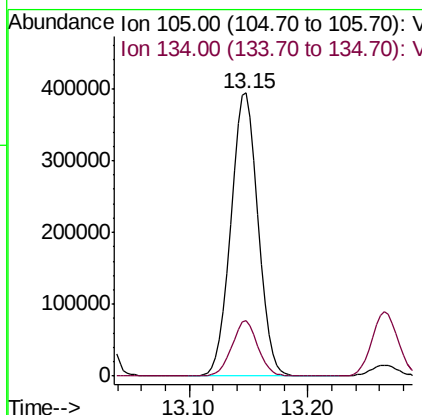
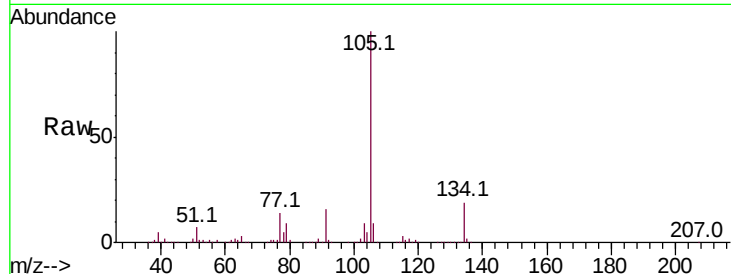




#85
 sec-Butylbenzene
 Concen: 46.937 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

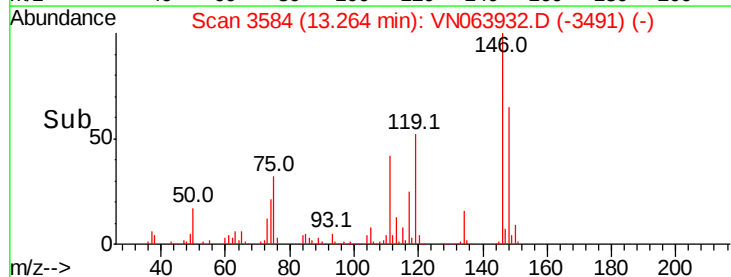
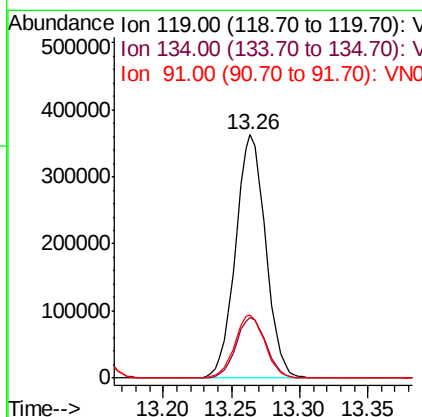
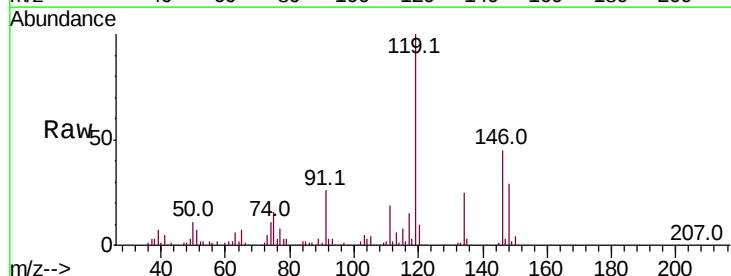
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

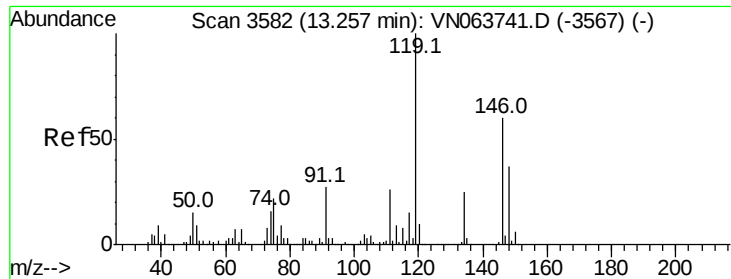
Tot Ion:105 Resp: 622769
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 47.020 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion:119 Resp: 551905
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.8 13.4 40.2

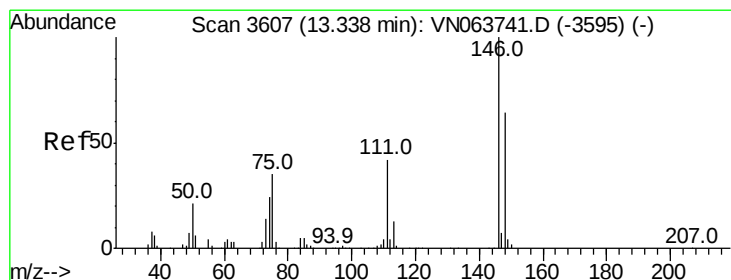
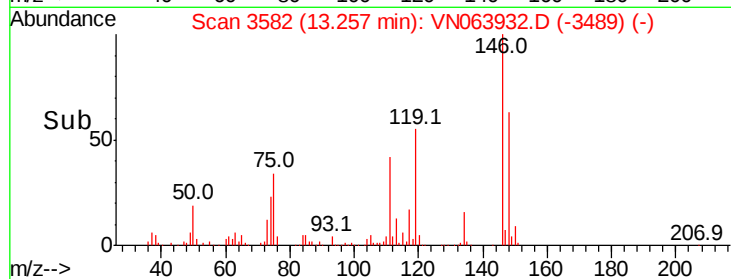
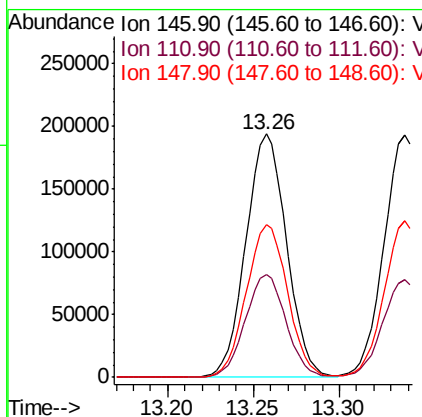
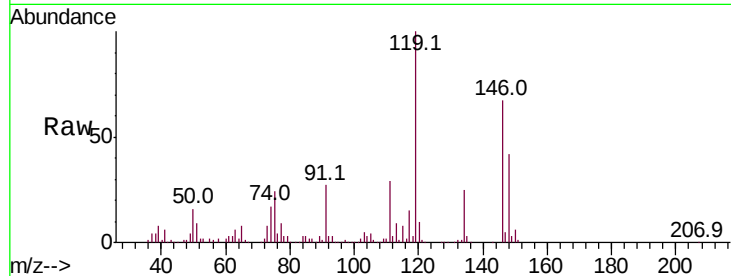




#87
 1,3-Dichlorobenzene
 Concen: 48.808 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

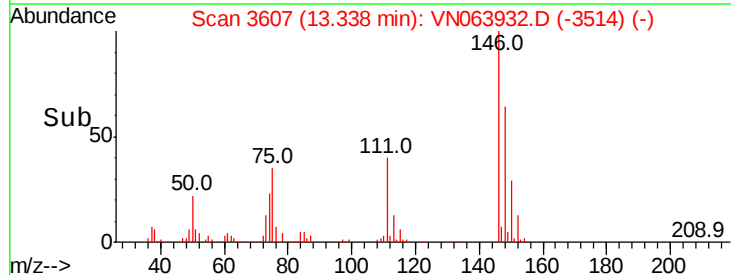
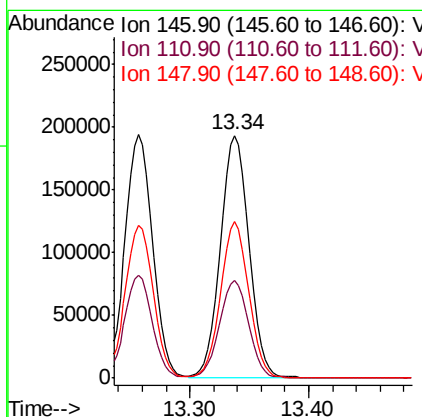
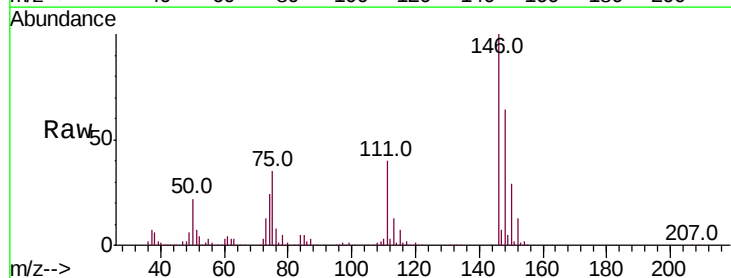
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

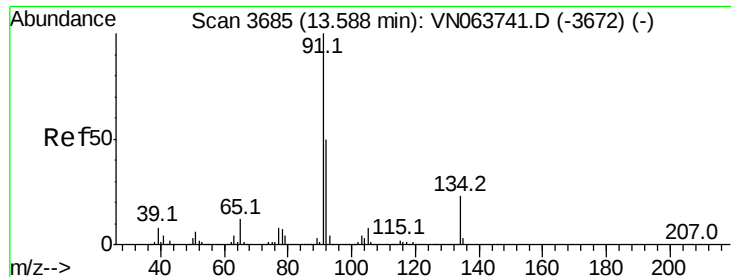
Tot Ion:146 Resp: 318942
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.5 64.5
 148 63.7 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.377 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion:146 Resp: 322352
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.3 63.7
 148 63.5 32.0 96.0

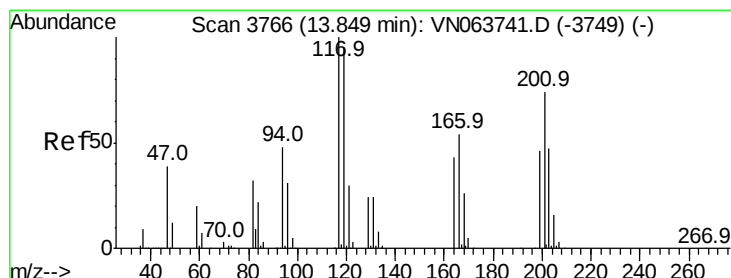
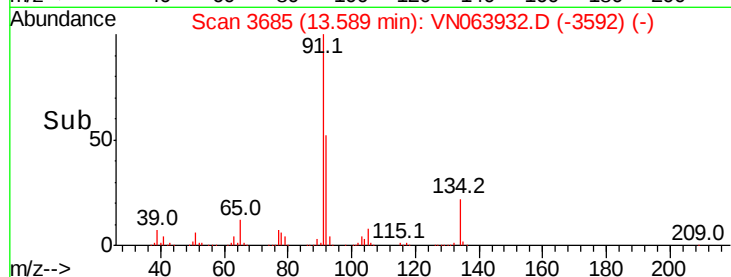
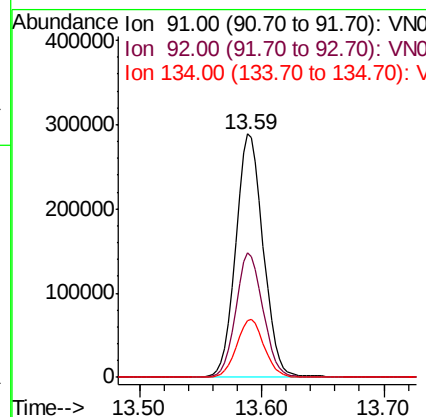
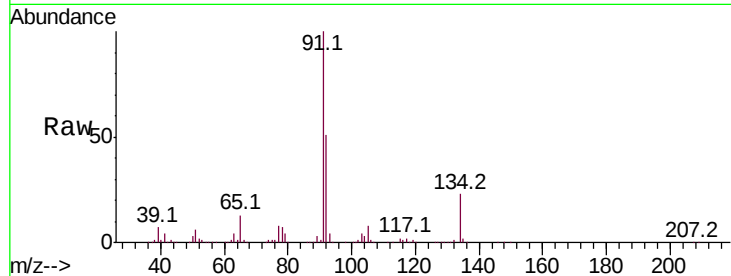




#89
n-Butylbenzene
Concen: 41.850 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

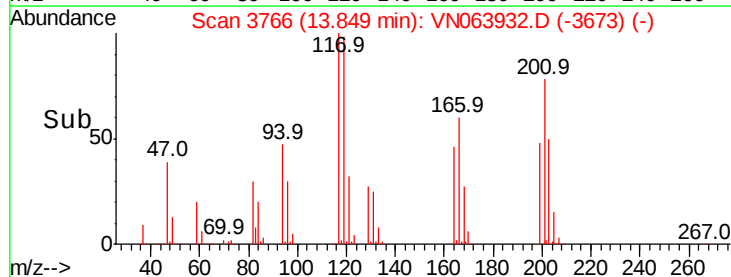
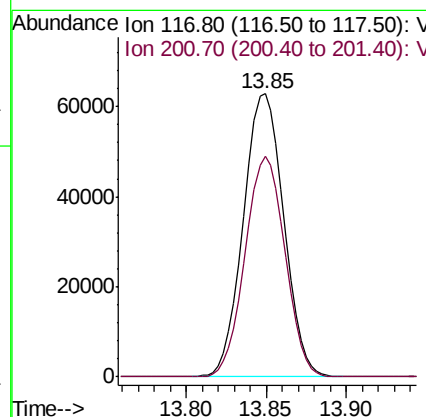
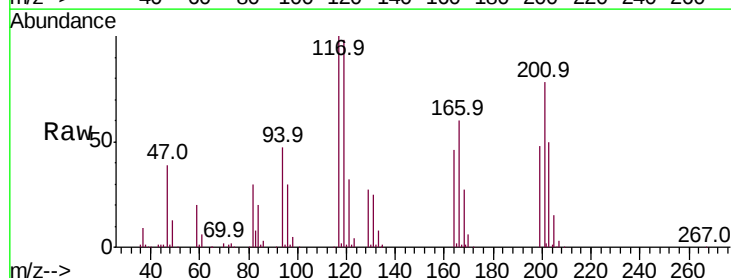
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

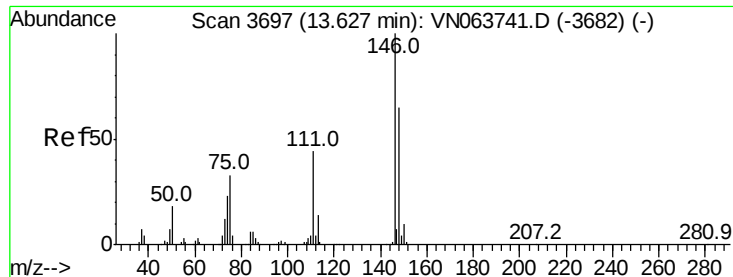
Tot Ion: 91 Resp: 453385
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.4
134 23.8 11.7 35.1



#90
Hexachloroethane
Concen: 47.610 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion: 117 Resp: 108289
Ion Ratio Lower Upper
117 100
201 76.9 36.0 108.0

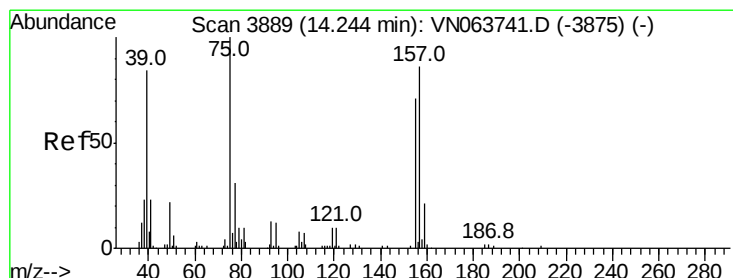
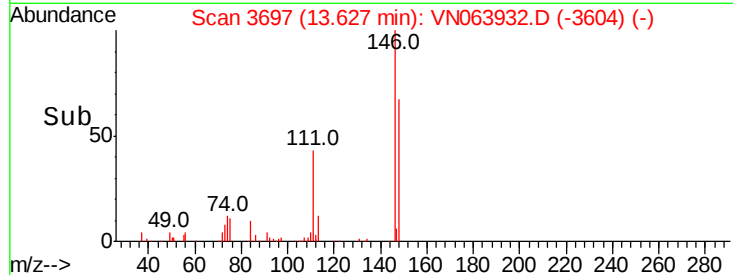
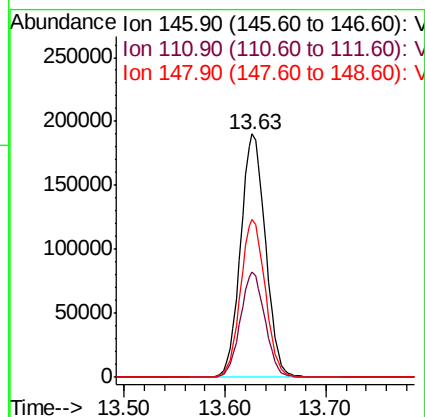
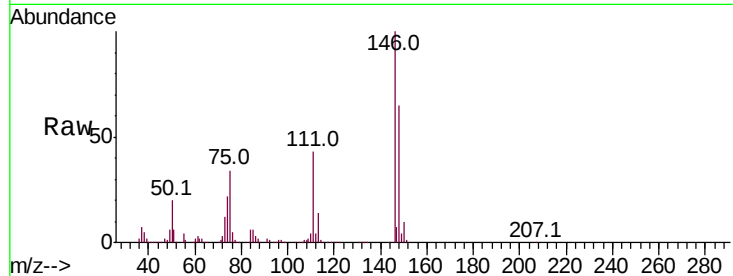




#91
 1,2-Dichlorobenzene
 Concen: 50.277 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

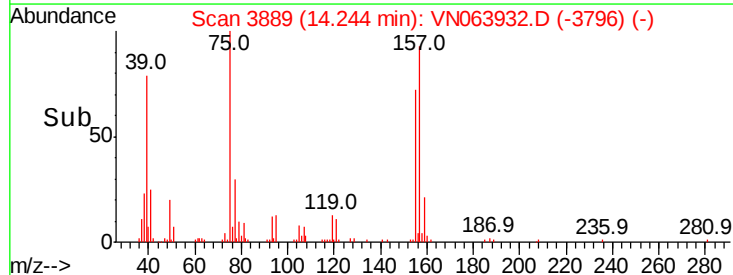
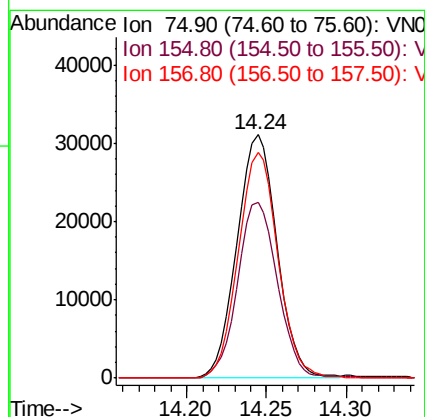
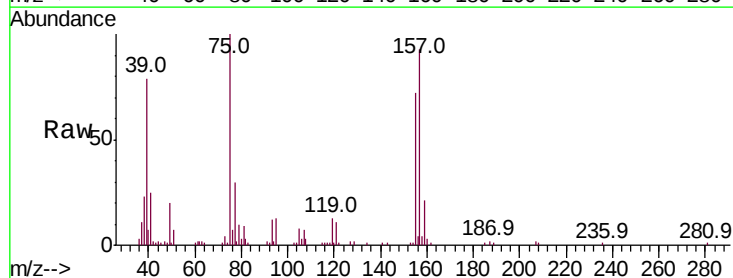
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

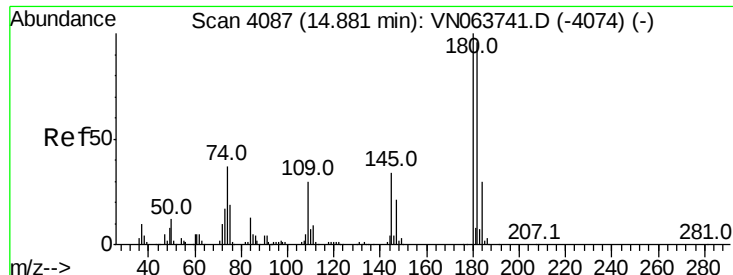
Tot Ion:146 Resp: 325413
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.2 66.6
 148 64.2 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.253 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063932.D
 Acq: 7 Oct 2020 7:54

Tgt Ion: 75 Resp: 53050
 Ion Ratio Lower Upper
 75 100
 155 72.0 34.8 104.5
 157 91.5 43.7 131.1

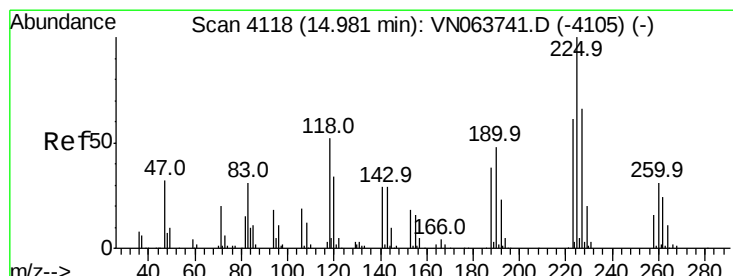
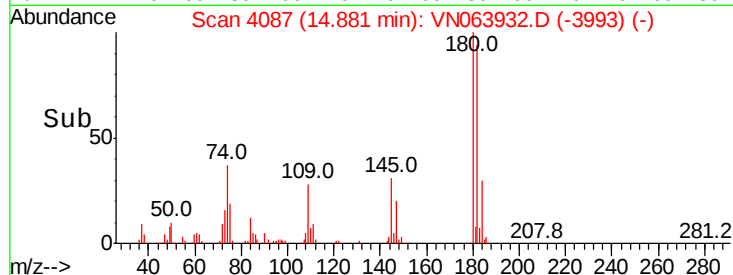
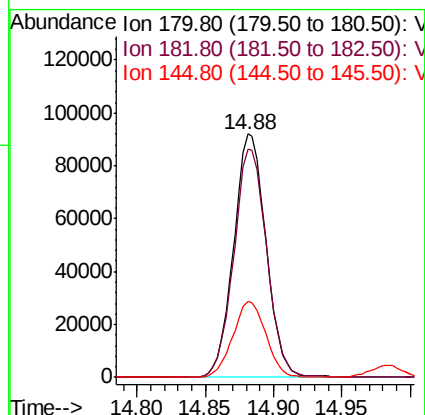
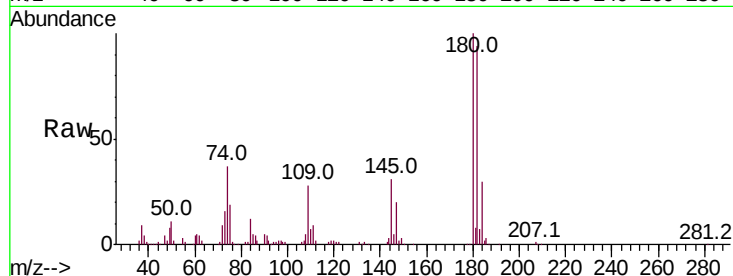




#93
1,2,4-Trichlorobenzene
Concen: 43.339 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

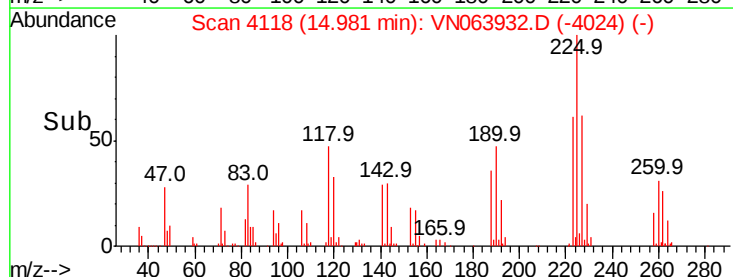
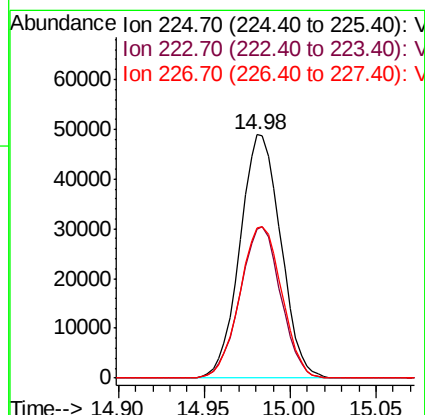
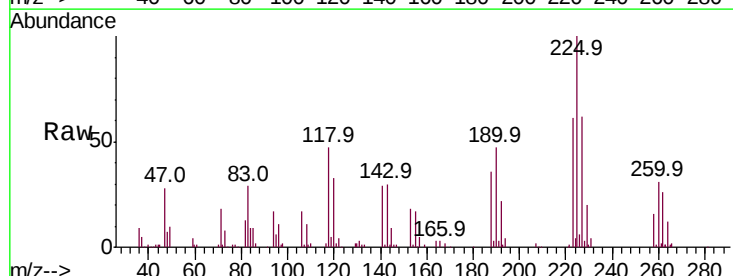
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

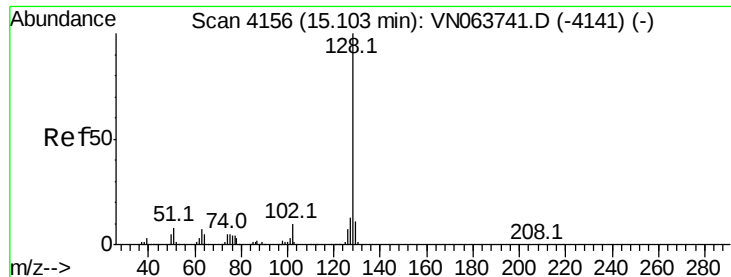
Tot Ion:180 Resp: 151687
Ion Ratio Lower Upper
180 100
182 95.3 48.2 144.6
145 32.0 17.1 51.2



#94
Hexachlorobutadiene
Concen: 46.051 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:225 Resp: 80807
Ion Ratio Lower Upper
225 100
223 62.0 30.3 91.0
227 64.0 31.9 95.5

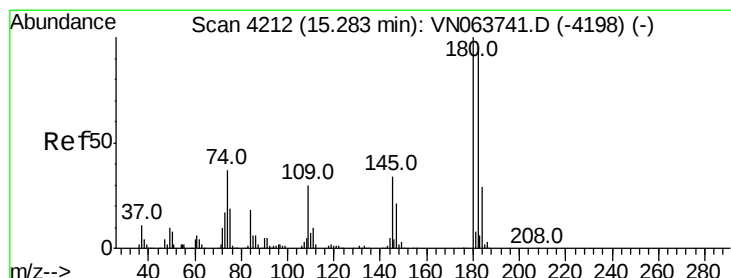
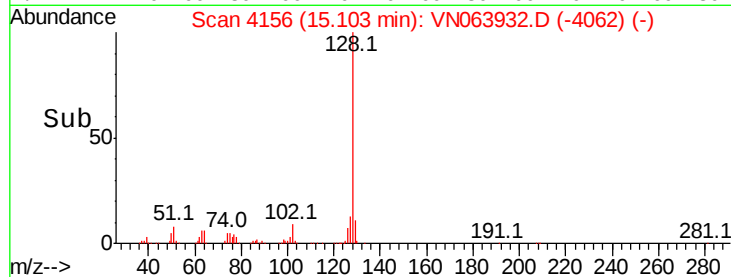
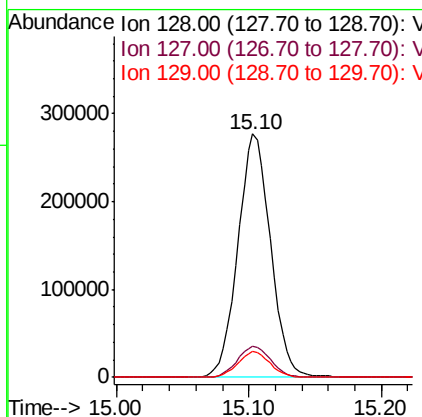
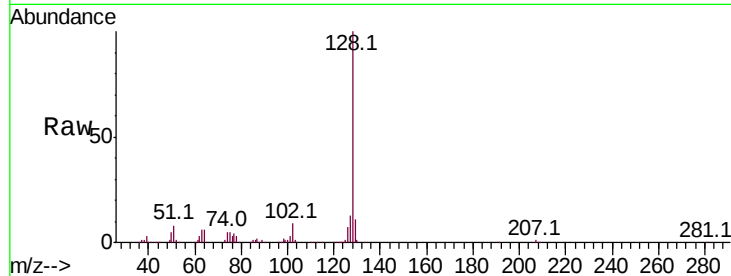




#95
Naphthalene
Concen: 43.777 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 474009
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.668 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063932.D
Acq: 7 Oct 2020 7:54

Tgt Ion:180 Resp: 151887
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 34.1 17.2 51.5

