

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064596.D
 Acq On : 12 Nov 2020 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 02:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	298151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	260250	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	7.55	113	182416	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.06	98	676875	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.38	95	256965	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172088	44.339	ug/l	99
3) Chloromethane	2.04	50	205372	43.564	ug/l	98
4) Vinyl Chloride	2.17	62	229222	47.350	ug/l	97
5) Bromomethane	2.53	94	149751	48.421	ug/l	99
6) Chloroethane	2.67	64	157775	50.904	ug/l	95
7) Trichlorofluoromethane	2.98	101	365171	51.227	ug/l	100
8) Diethyl Ether	3.37	74	132811	52.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	158008	46.677	ug/l	99
10) Methyl Iodide	3.90	142	199529	50.727	ug/l	97
11) Tert butyl alcohol	4.76	59	159511	278.516	ug/l #	82
12) 1,1-Dichloroethene	3.69	96	151421	47.488	ug/l	92
13) Acrolein	3.57	56	88351	248.702	ug/l	97
14) Allyl chloride	4.27	41	289077	46.344	ug/l	99
15) Acrylonitrile	4.94	53	448600	281.340	ug/l	98
16) Acetone	3.78	43	422508	213.578	ug/l	100
17) Carbon Disulfide	4.00	76	442444	46.399	ug/l	97
18) Methyl Acetate	4.29	43	235319	60.506	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	567712	49.468	ug/l	99
20) Methylene Chloride	4.50	84	188756	48.091	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	173517	47.927	ug/l	99
22) Diisopropyl ether	5.91	45	648657	48.989	ug/l	97
23) Vinyl Acetate	5.85	43	2705915	251.211	ug/l	99
24) 1,1-Dichloroethane	5.79	63	354074	48.664	ug/l	99
25) 2-Butanone	6.79	43	648747	257.383	ug/l	98
26) 2,2-Dichloropropane	6.78	77	264511	40.160	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	200296	47.744	ug/l	96
28) Bromochloromethane	7.15	49	172014	48.097	ug/l	99
29) Tetrahydrofuran	7.17	42	431148	278.805	ug/l	99
30) Chloroform	7.33	83	388118	50.747	ug/l	95
31) Cyclohexane	7.61	56	268121	42.471	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	342064	50.426	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267941	46.864	ug/l	98
37) Ethyl Acetate	6.89	43	279192	48.142	ug/l	98
38) Carbon Tetrachloride	7.73	117	301678	49.370	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225839	44.064	ug/l	98
40) Benzene	8.00	78	800646	47.655	ug/l	99
41) Methacrylonitrile	7.13	41	122831	48.458	ug/l	96
42) 1,2-Dichloroethane	8.09	62	334949	49.402	ug/l	100
43) Isopropyl Acetate	8.13	43	470463	50.775	ug/l	100
44) Trichloroethene	8.80	130	194869	45.972	ug/l	99
45) 1,2-Dichloropropane	9.09	63	216327	48.257	ug/l	99
46) Dibromomethane	9.18	93	153699	52.084	ug/l	99
47) Bromodichloromethane	9.37	83	322214	50.780	ug/l	98
48) Methyl methacrylate	9.17	41	243202	52.017	ug/l	100
49) 1,4-Dioxane	9.17	88	72512	1177.482	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1509822	279.419	ug/l	99
52) Toluene	10.13	92	504345	49.219	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	327251	48.647	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	343248	47.724	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	202962	50.788	ug/l	97
56) Ethyl methacrylate	10.40	69	296081	45.214	ug/l	98
57) 1,3-Dichloropropane	10.68	76	353132	50.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	801025	257.151	ug/l	97
59) 2-Hexanone	10.72	43	1099760	249.602	ug/l	100
60) Dibromochloromethane	10.87	129	240493	53.750	ug/l	99
61) 1,2-Dibromoethane	10.98	107	212734	52.481	ug/l	99
64) Tetrachloroethene	10.60	164	181449	46.318	ug/l	97
65) Chlorobenzene	11.41	112	529733	47.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	213074	51.230	ug/l	99
67) Ethyl Benzene	11.48	91	970191	48.924	ug/l	99
68) m/p-Xylenes	11.59	106	721748	100.357	ug/l	98
69) o-Xylene	11.92	106	339691	48.880	ug/l	98
70) Styrene	11.94	104	604638	51.704	ug/l	99
71) Bromoform	12.10	173	158325	50.679	ug/l #	99
73) Isopropylbenzene	12.22	105	900924	45.691	ug/l	99
74) N-amyl acetate	12.05	43	418201	43.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	302725	49.985	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	414632	68.983	ug/l #	100
77) Bromobenzene	12.50	156	218587	45.407	ug/l	99
78) n-propylbenzene	12.57	91	1053751	46.876	ug/l	99
79) 2-Chlorotoluene	12.65	91	662346	46.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	780890	48.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	98645	45.824	ug/l	96
82) 4-Chlorotoluene	12.75	91	698164	46.758	ug/l	98
83) tert-Butylbenzene	12.97	119	600190	47.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	786946	48.124	ug/l	99
85) sec-Butylbenzene	13.15	105	791340	49.183	ug/l	100
86) p-Isopropyltoluene	13.26	119	711415	49.157	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	393196	47.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	388050	45.124	ug/l	99
89) n-Butylbenzene	13.59	91	586825	47.160	ug/l	100
90) Hexachloroethane	13.85	117	144144	51.631	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	394743	49.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66326	55.006	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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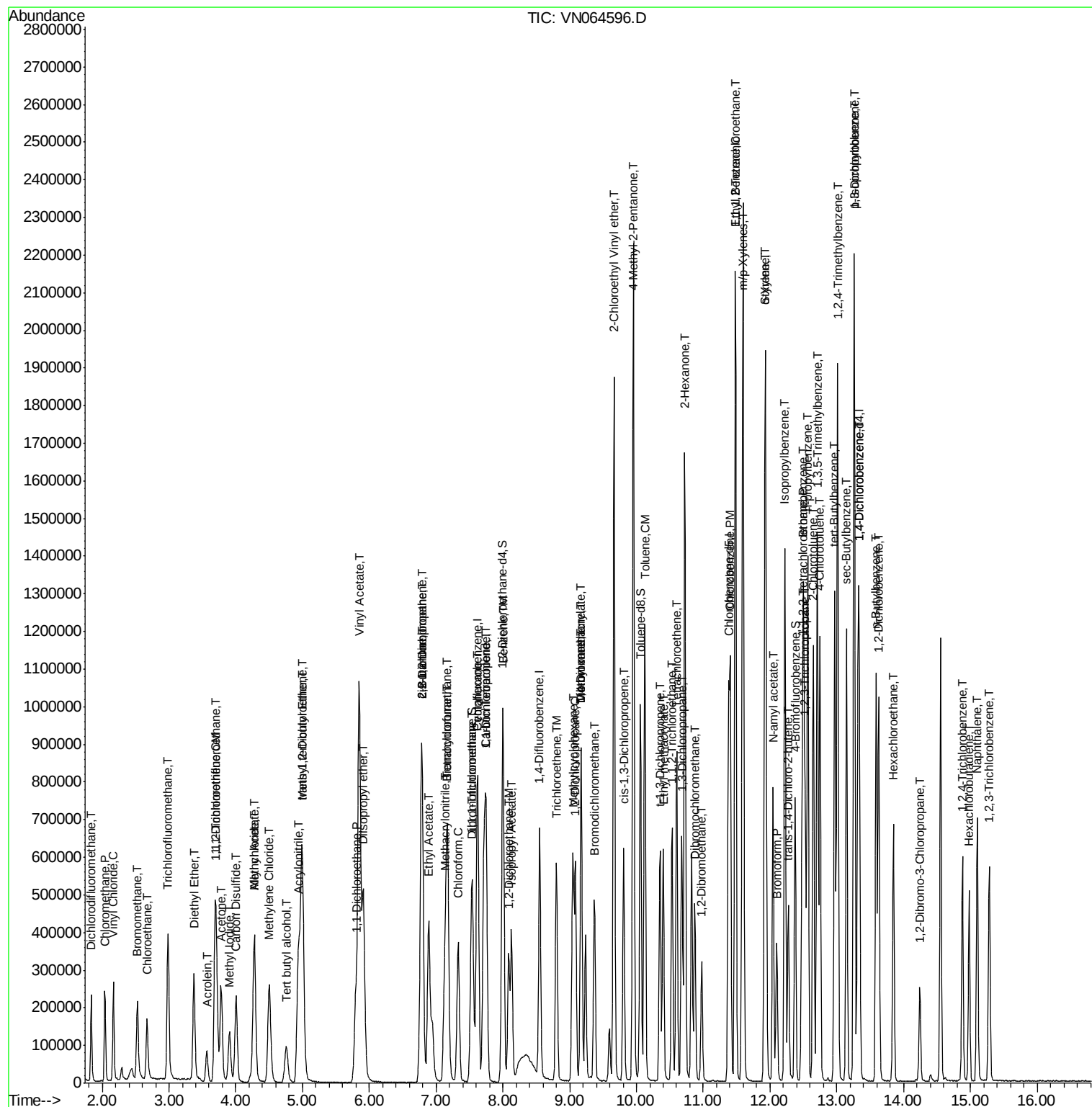
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170533	43.221	ug/l	99
94) Hexachlorobutadiene	14.98	225	85379	52.388	ug/l	98
95) Naphthalene	15.10	128	571062	42.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	174411	45.549	ug/l	100

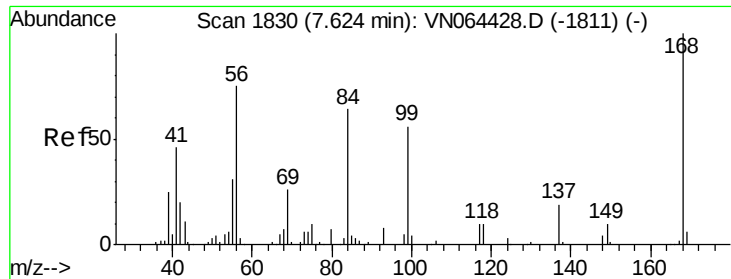
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

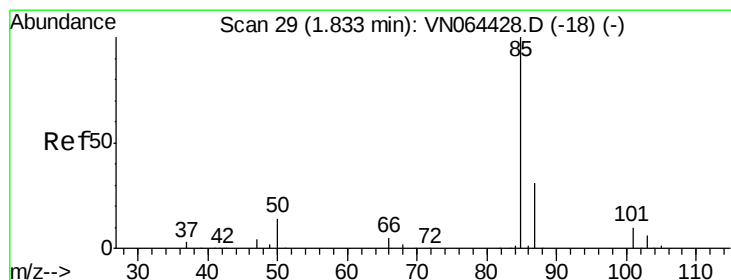
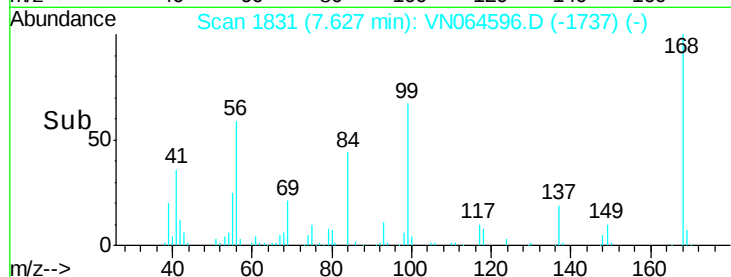
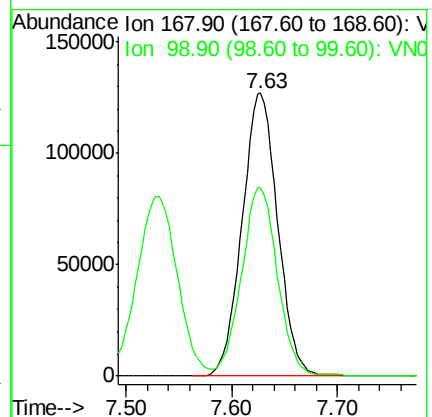
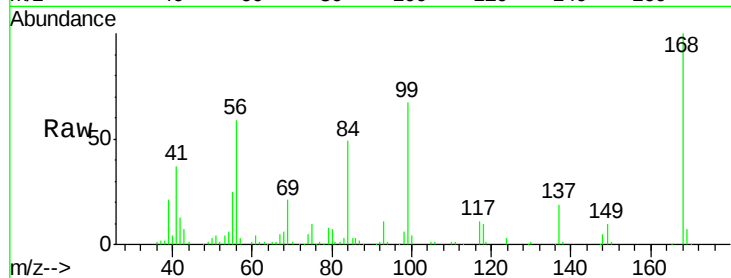
VSTDCCC050EC

Tot Ion:168 Resp: 298151

Ion Ratio Lower Upper

168 100

99 66.1 53.4 80.2



#2

Dichlorodifluoromethane

Concen: 44.339 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064596.D

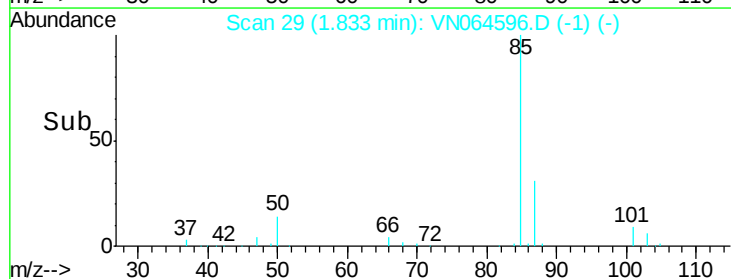
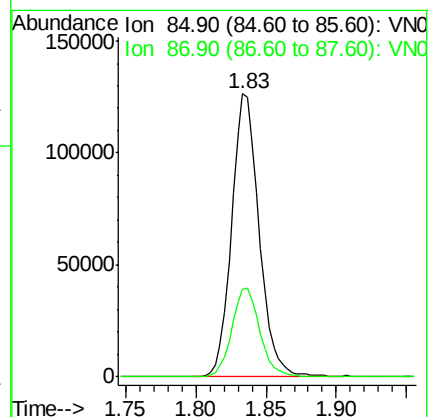
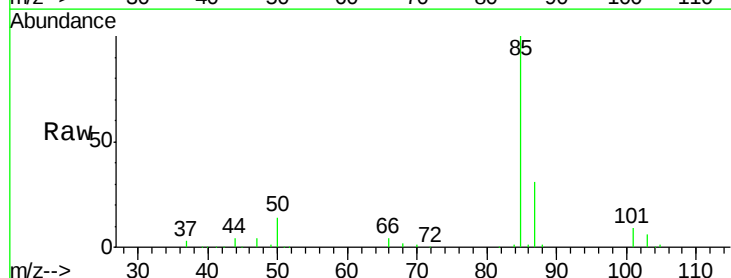
Acq: 12 Nov 2020 21:17

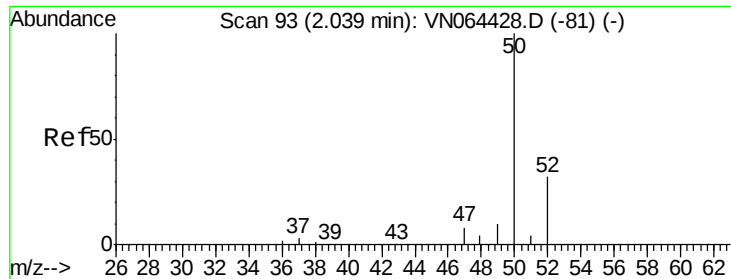
Tgt Ion: 85 Resp: 172088

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.1





#3

Chloromethane

Concen: 43.564 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

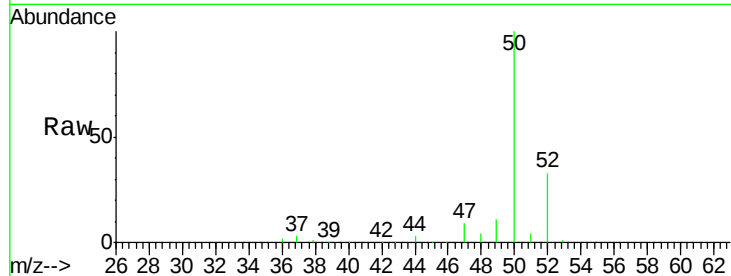
VSTDCCC050EC

Tot Ion: 50 Resp: 205372

Ion Ratio Lower Upper

50 100

52 32.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

150000

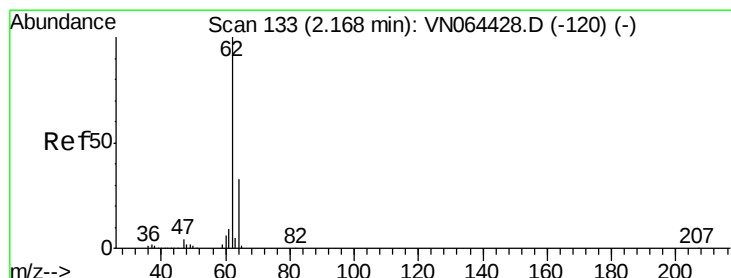
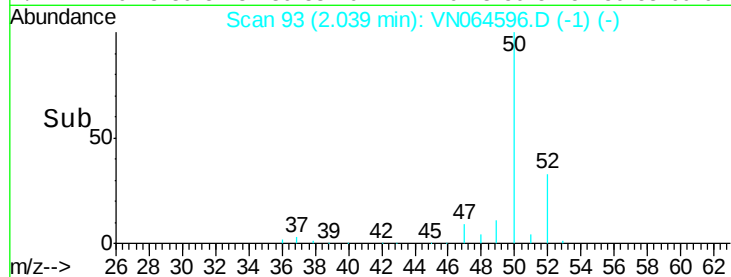
100000

50000

0

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 47.350 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064596.D

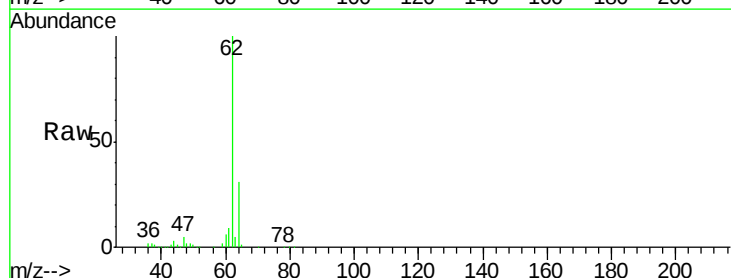
Acq: 12 Nov 2020 21:17

Tgt Ion: 62 Resp: 229222

Ion Ratio Lower Upper

62 100

64 31.3 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

150000

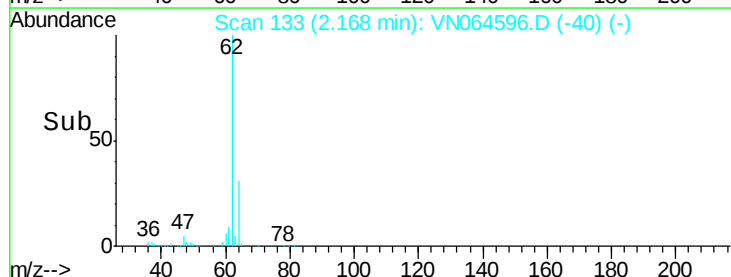
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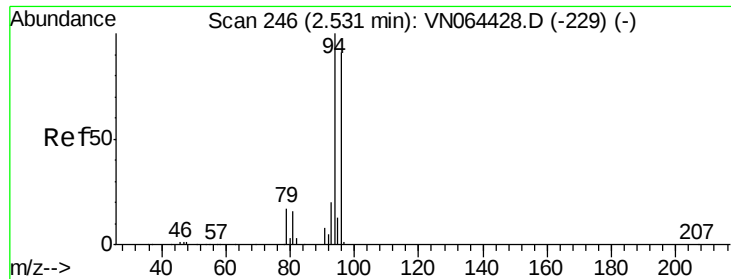
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 48.421 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

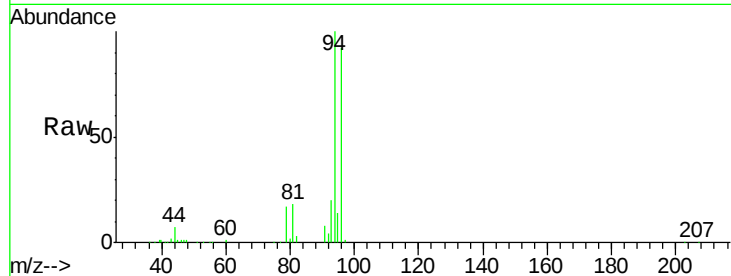
VSTDCCC050EC

Tot Ion: 94 Resp: 149751

Ion Ratio Lower Upper

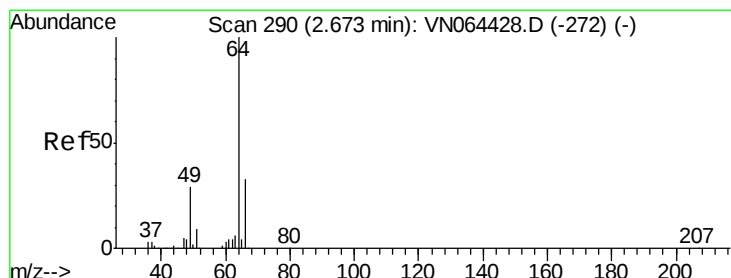
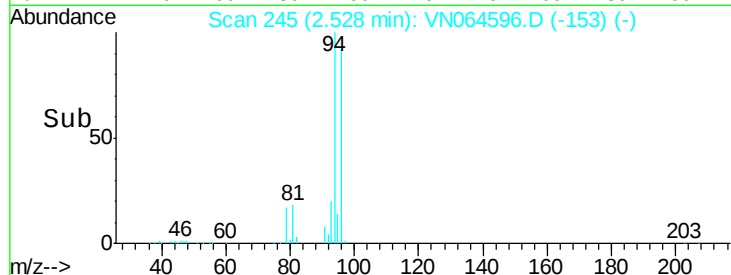
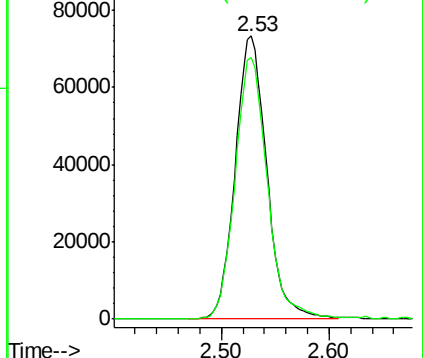
94 100

96 92.5 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.904 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064596.D

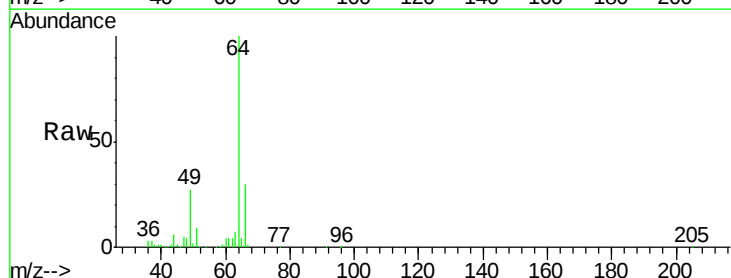
Acq: 12 Nov 2020 21:17

Tgt Ion: 64 Resp: 157775

Ion Ratio Lower Upper

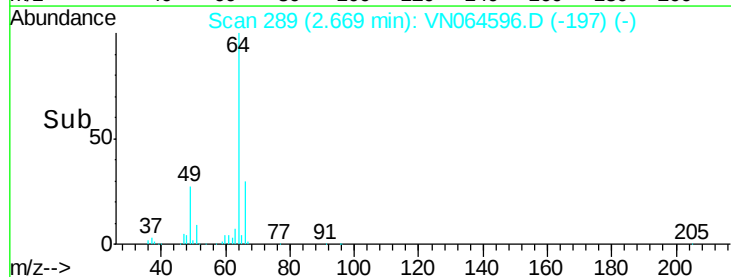
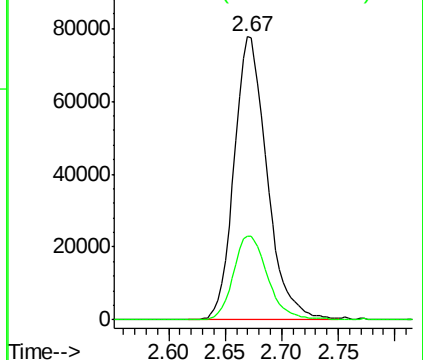
64 100

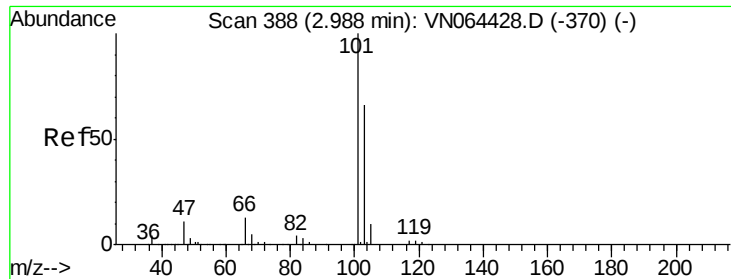
66 29.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



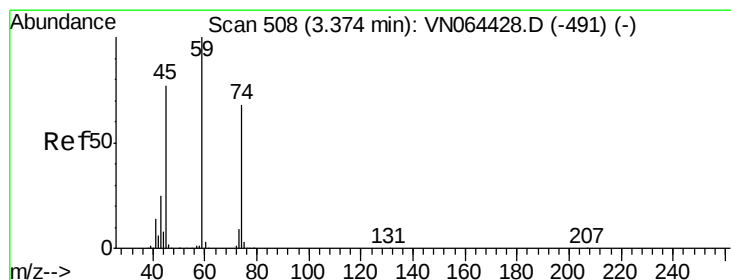
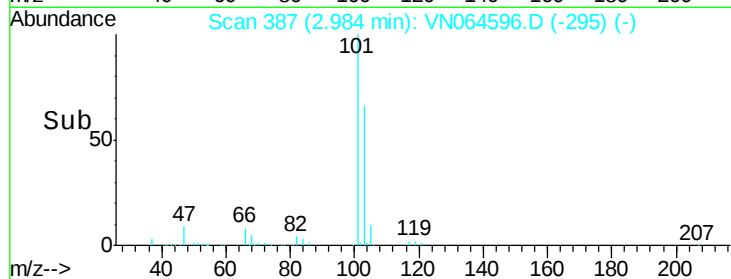
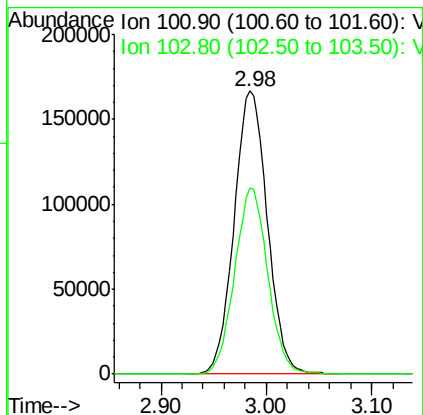
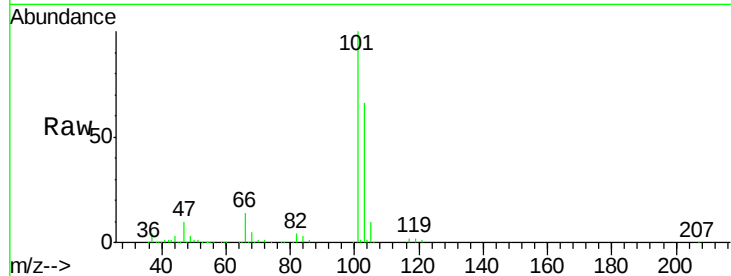


#7

Trichlorofluoromethane
 Concen: 51.227 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064596.D
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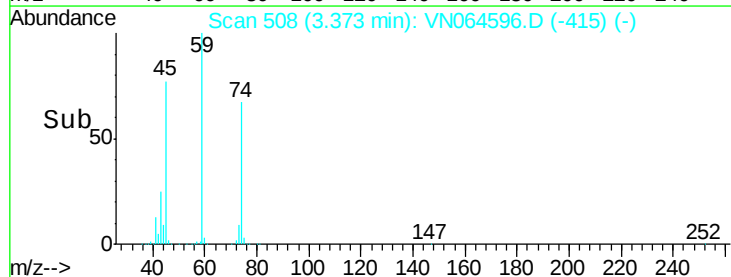
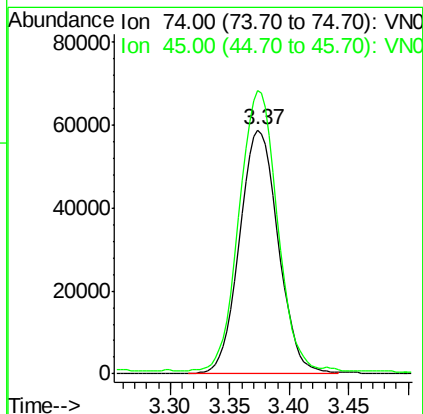
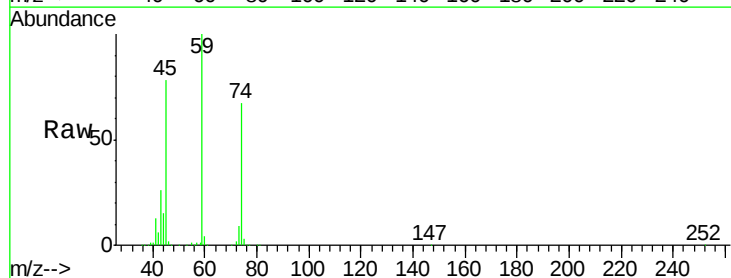
Tot Ion:101 Resp: 365171
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.4 78.6

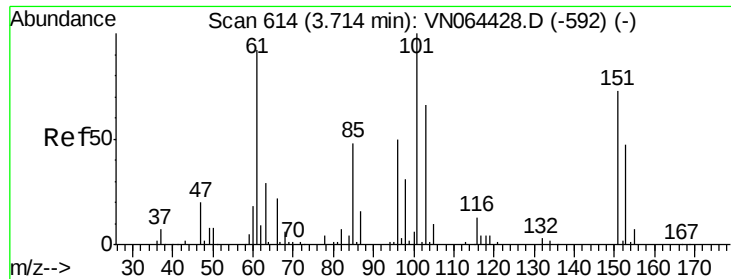


#8

Diethyl Ether
 Concen: 52.758 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 74 Resp: 132811
 Ion Ratio Lower Upper
 74 100
 45 113.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.677 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064596.D

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VSTDCCC050EC

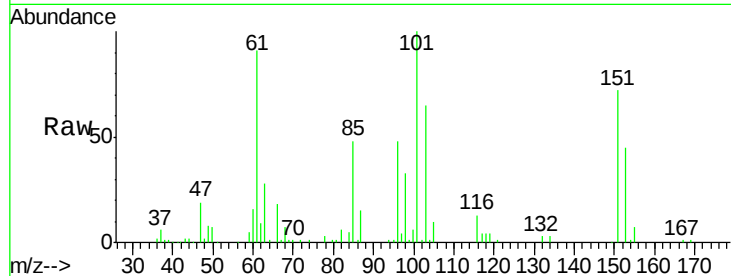
Tot Ion:101 Resp: 158008

Ion Ratio Lower Upper

101 100

85 47.6 38.6 57.8

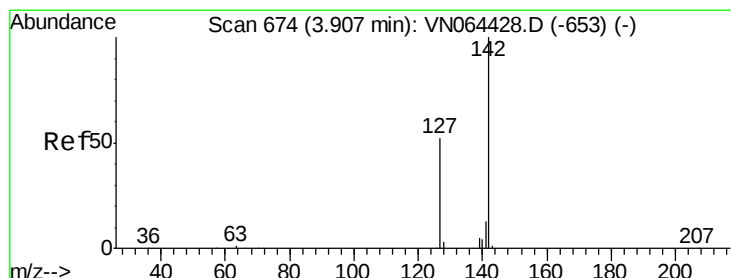
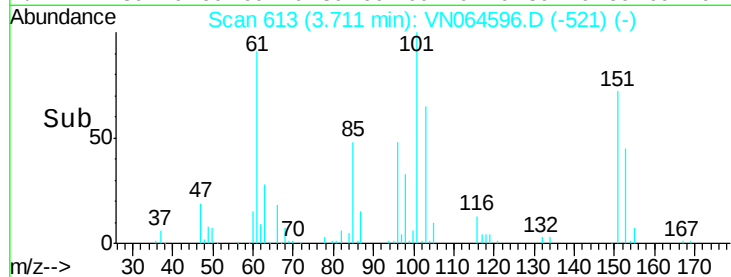
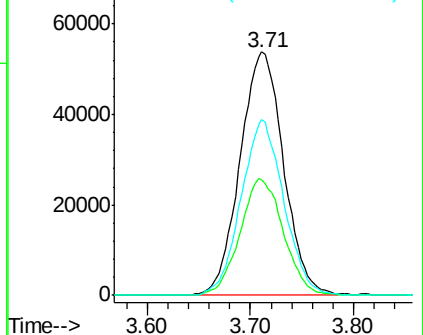
151 70.8 57.5 86.3



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: 50.727 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

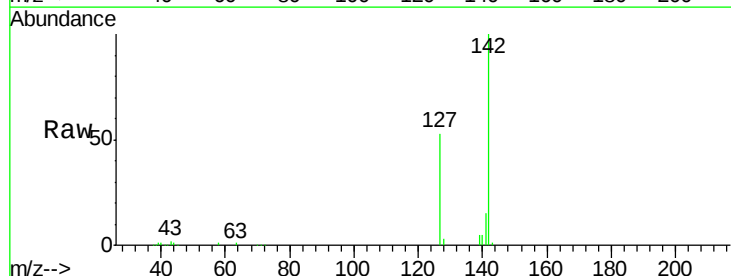
Tgt Ion:142 Resp: 199529

Ion Ratio Lower Upper

142 100

127 54.6 41.8 62.8

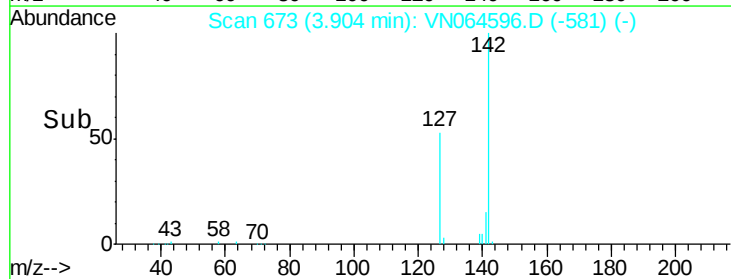
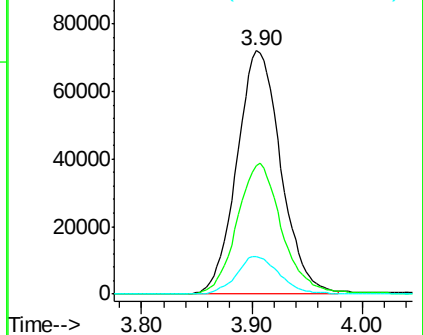
141 15.1 11.4 17.2

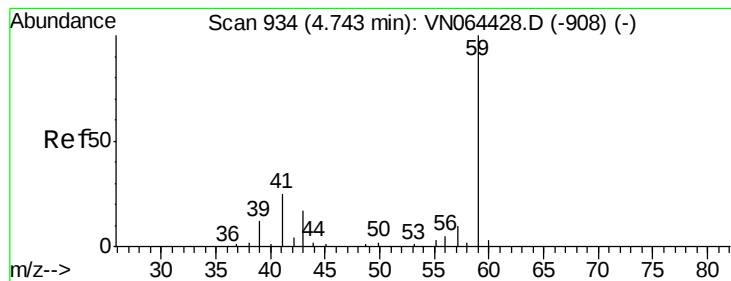


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



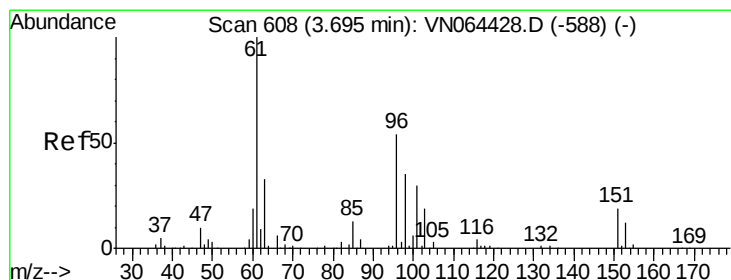
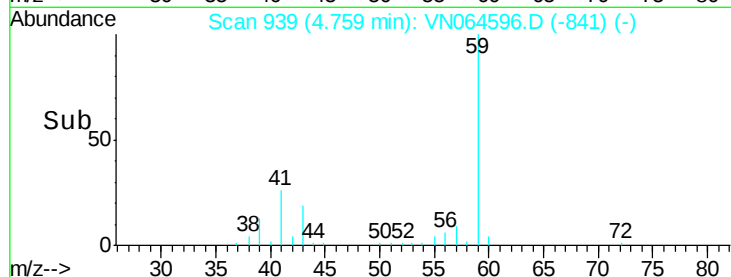
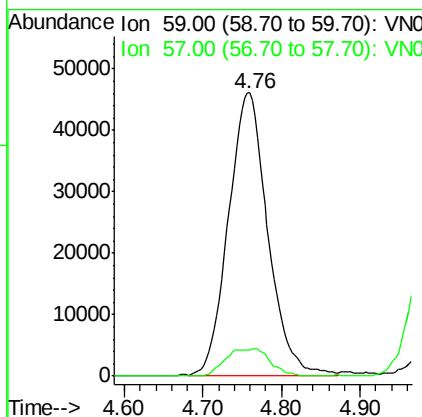
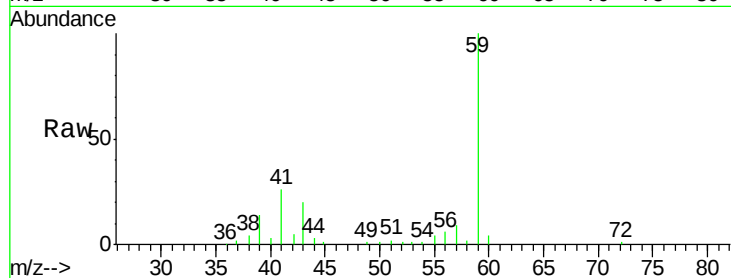


#11

Tert butyl alcohol
 Concen: 278.516 ug/l
 RT: 4.76 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

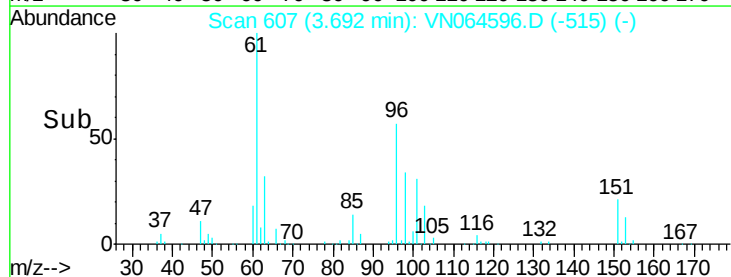
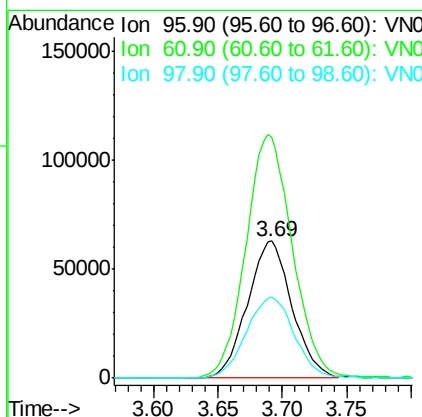
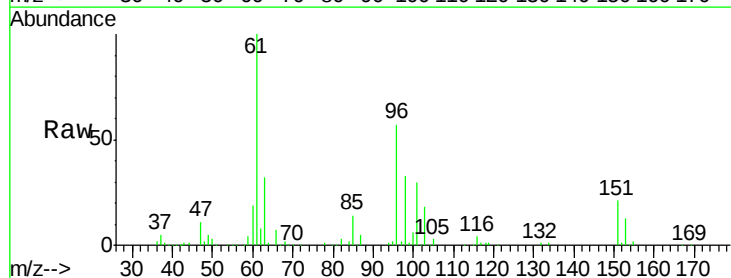
Tot Ion: 59 Resp: 159511
 Ion Ratio Lower Upper
 59 100
 57 4.5 9.0 13.4#

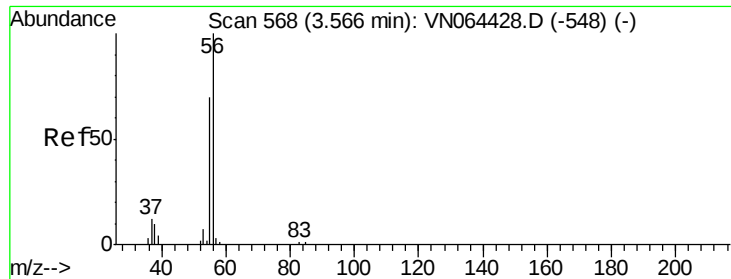


#12

1,1-Dichloroethene
 Concen: 47.488 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 96 Resp: 151421
 Ion Ratio Lower Upper
 96 100
 61 175.9 149.5 224.3
 98 58.9 52.4 78.6





#13

Acrolein

Concen: 248.702 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

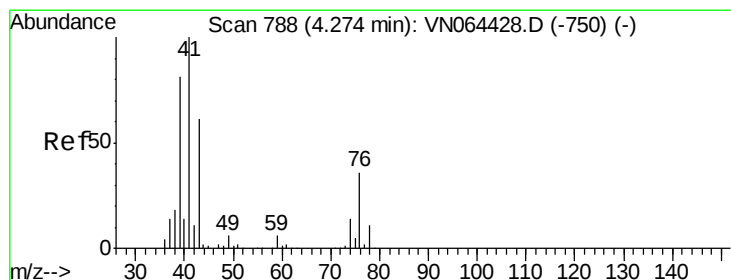
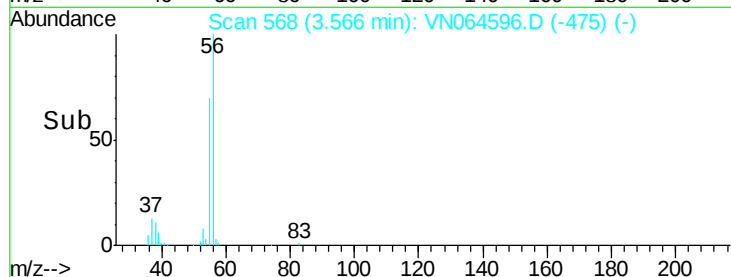
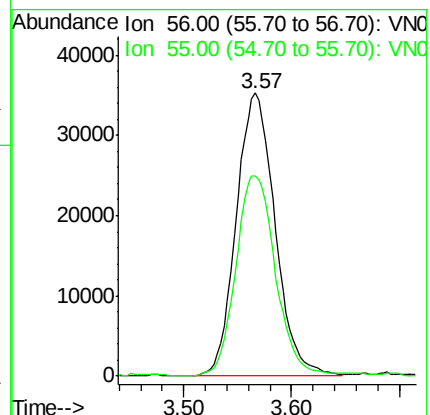
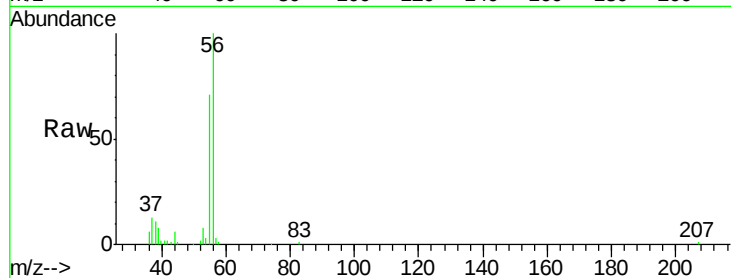
VSTDCCC050EC

Tot Ion: 56 Resp: 88351

Ion Ratio Lower Upper

56 100

55 72.5 55.9 83.9



#14

Allyl chloride

Concen: 46.344 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

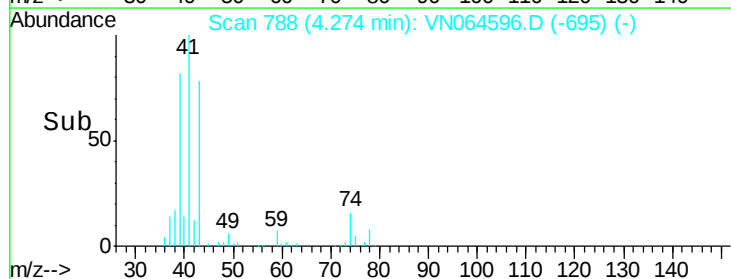
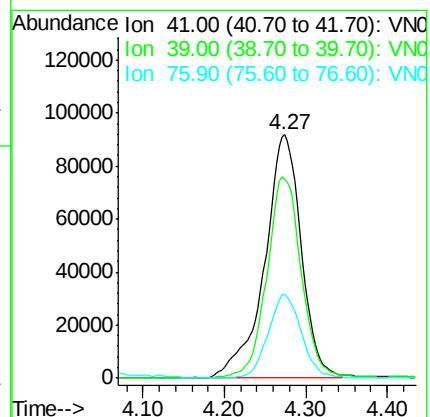
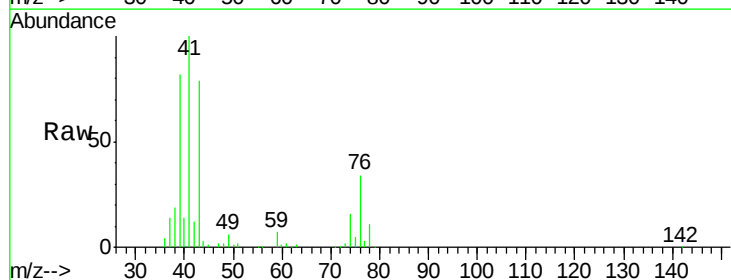
Tgt Ion: 41 Resp: 289077

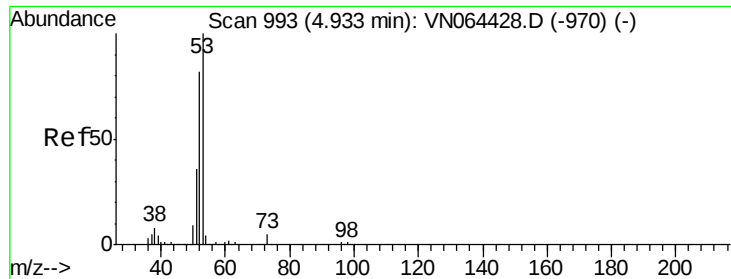
Ion Ratio Lower Upper

41 100

39 76.9 61.8 92.8

76 31.3 25.4 38.0





#15

Acrylonitrile

Concen: 281.340 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

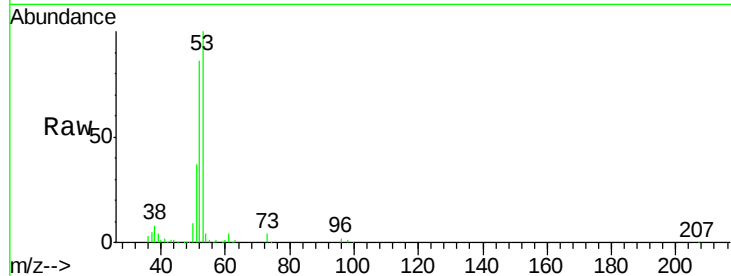
Tot Ion: 53 Resp: 448600

Ion Ratio Lower Upper

53 100

52 83.9 65.6 98.4

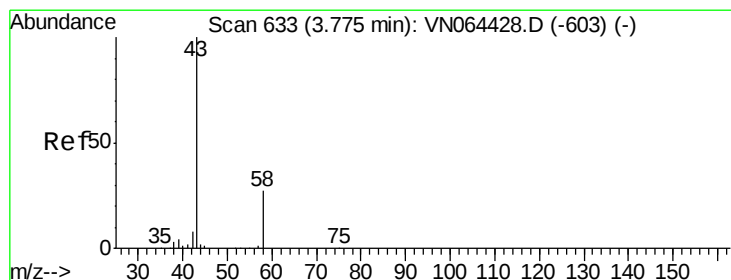
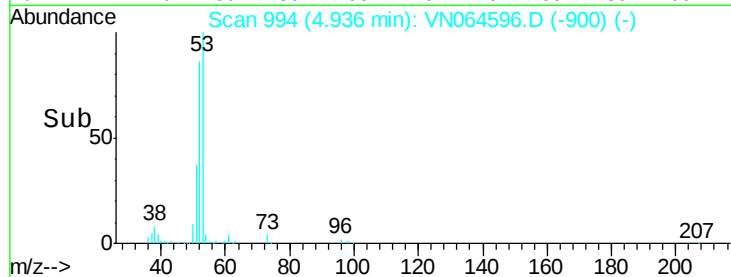
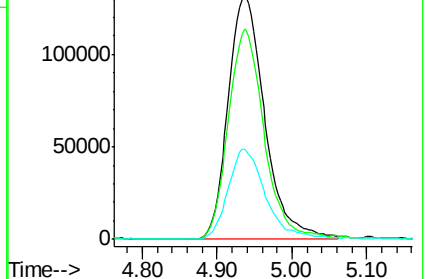
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 213.578 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064596.D

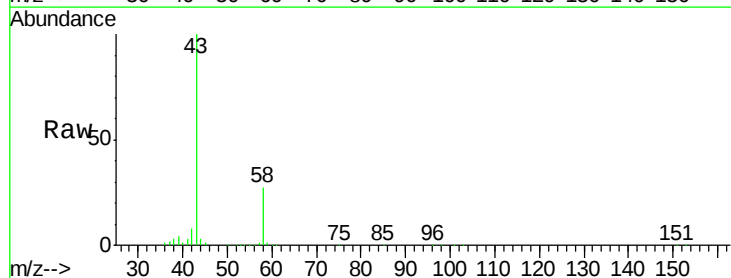
Acq: 12 Nov 2020 21:17

Tgt Ion: 43 Resp: 422508

Ion Ratio Lower Upper

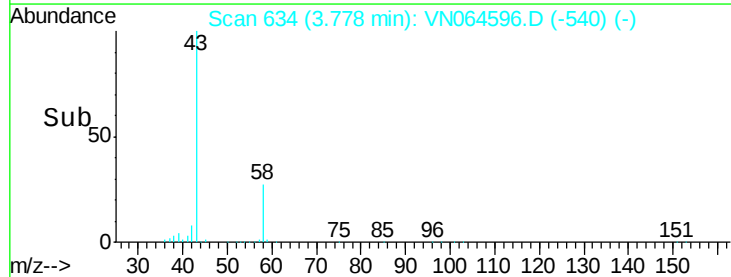
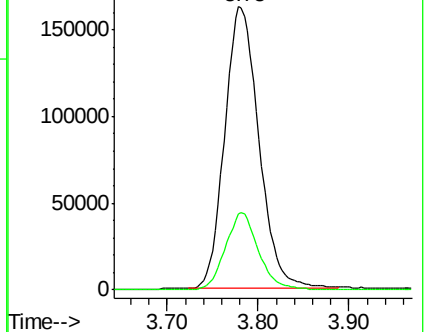
43 100

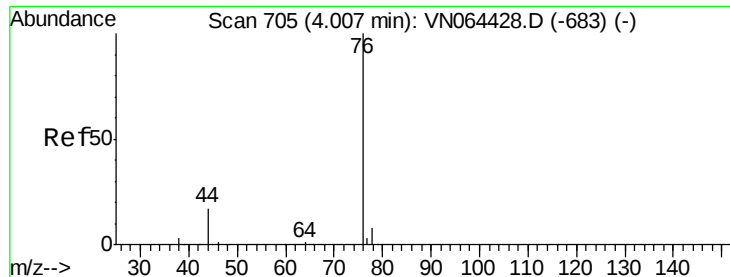
58 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)





#17

Carbon Disulfide

Concen: 46.399 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

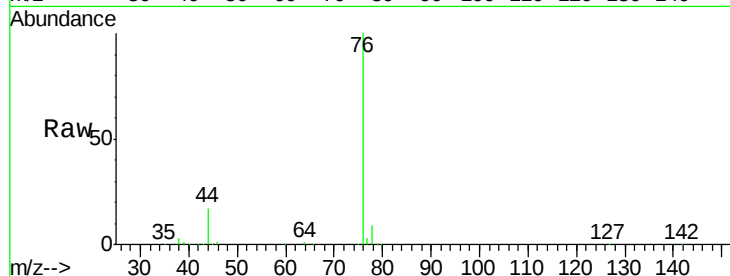
VSTDCCC050EC

Tot Ion: 76 Resp: 442444

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.00

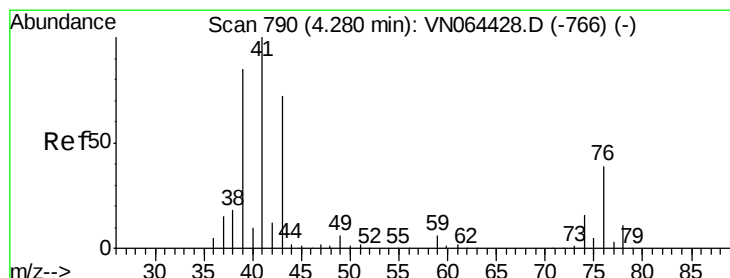
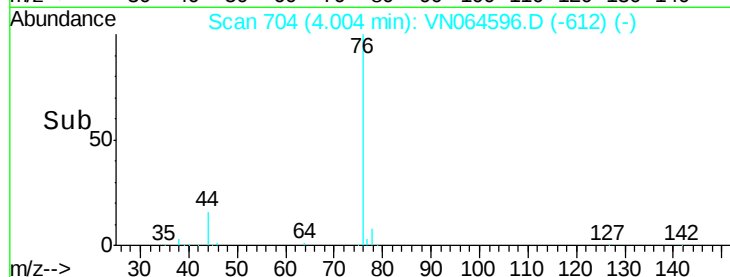
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.506 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064596.D

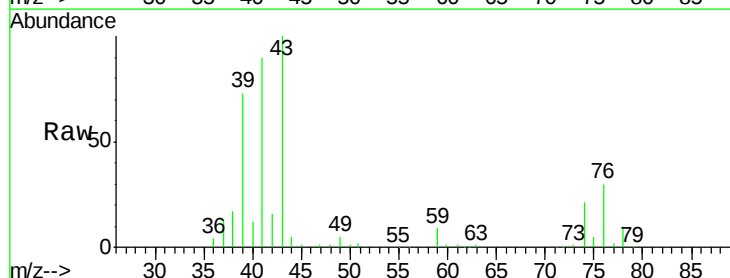
Acq: 12 Nov 2020 21:17

Tgt Ion: 43 Resp: 235319

Ion Ratio Lower Upper

43 100

74 20.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.29

80000

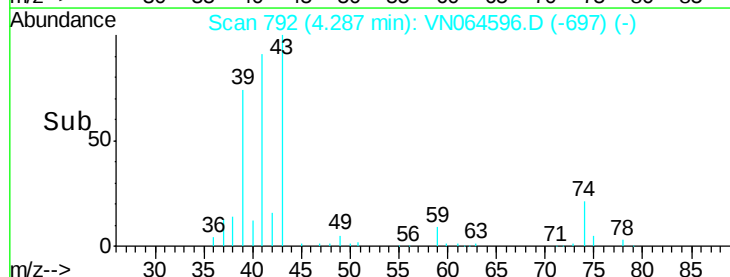
60000

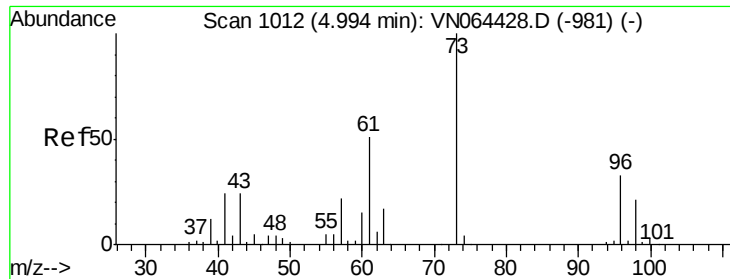
40000

20000

0

Time-->

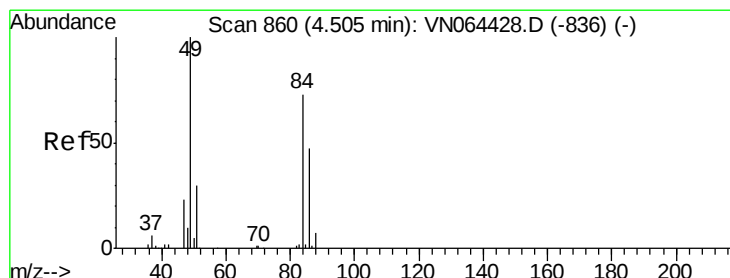
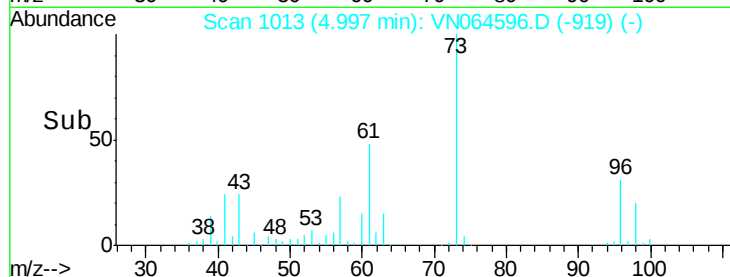
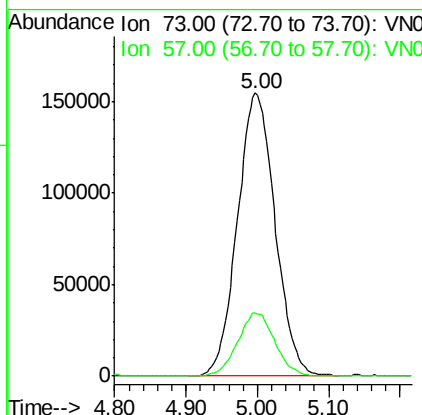
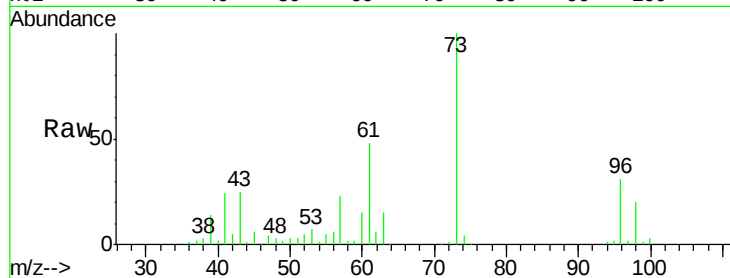




#19
Methvl tert-butvl Ether
Concen: 49.468 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

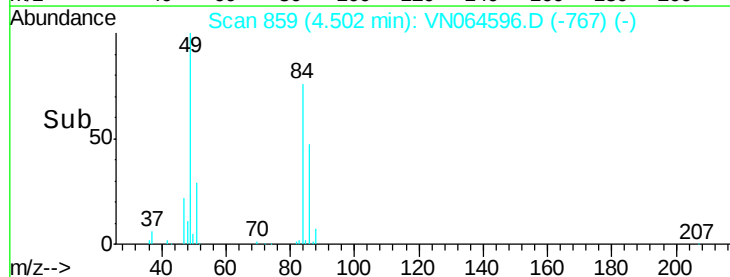
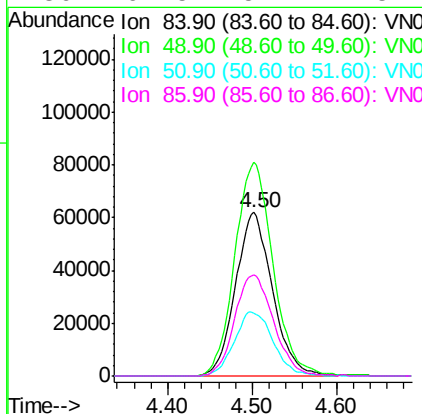
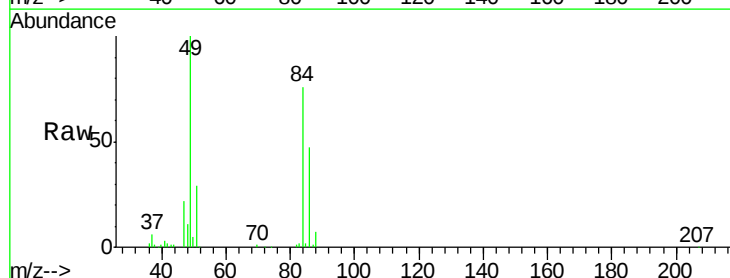
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

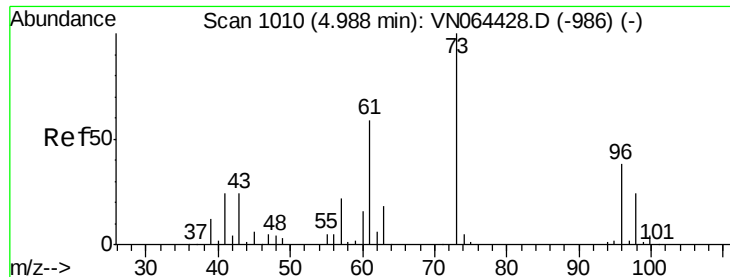
Tot Ion: 73 Resp: 567712
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 48.091 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 84 Resp: 188756
Ion Ratio Lower Upper
84 100
49 130.8 110.1 165.1
51 38.5 33.6 50.4
86 61.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.927 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

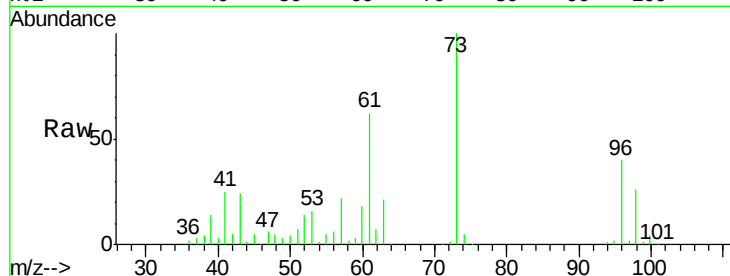
Tot Ion: 96 Resp: 173517

Ion Ratio Lower Upper

96 100

61 153.3 122.4 183.6

98 65.5 50.4 75.6

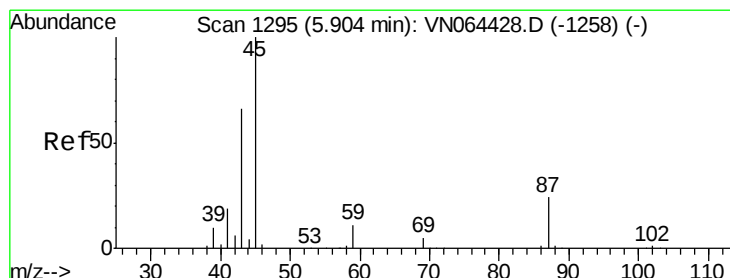
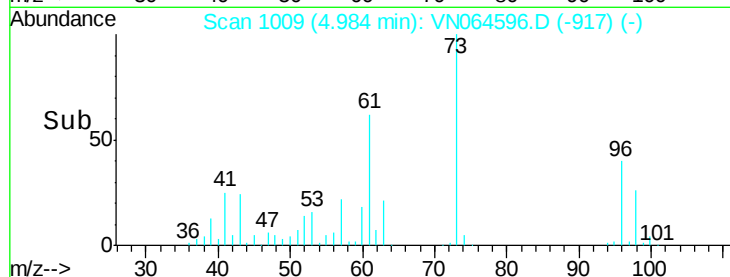
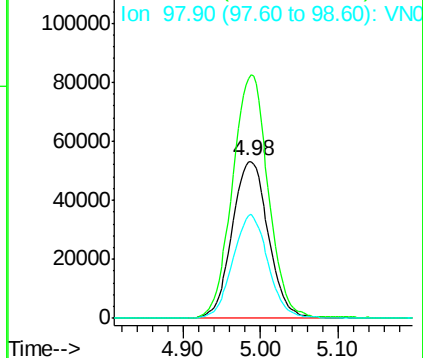


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.989 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion: 45 Resp: 648657

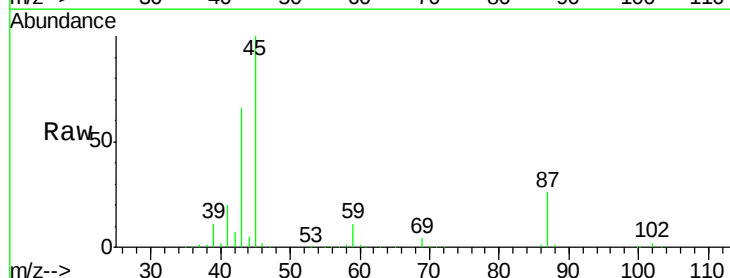
Ion Ratio Lower Upper

45 100

43 64.2 53.2 79.8

87 26.3 19.9 29.9

59 10.7 8.6 13.0



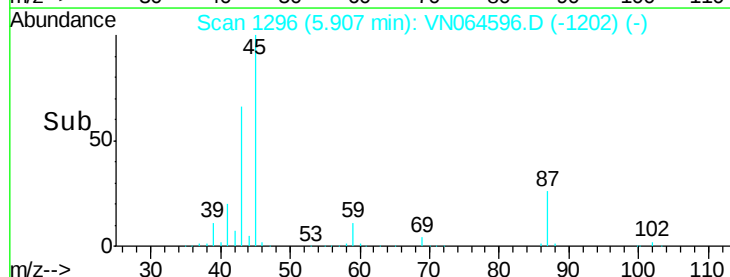
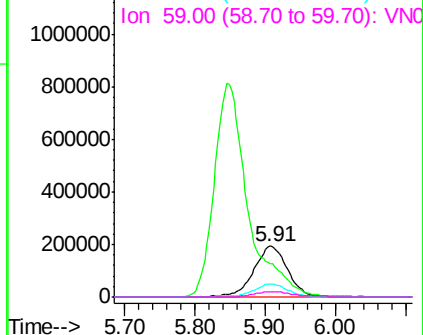
Abundance

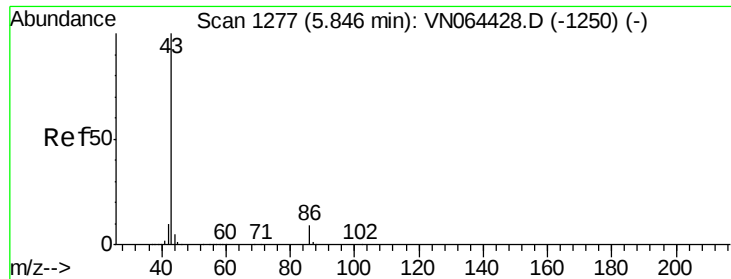
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 251.211 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

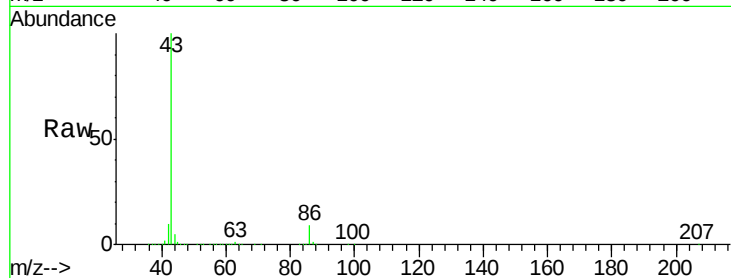
VSTDCCC050EC

Tot Ion: 43 Resp: 2705915

Ion Ratio Lower Upper

43 100

86 8.7 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

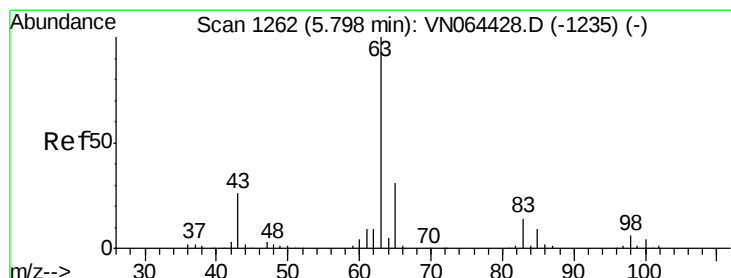
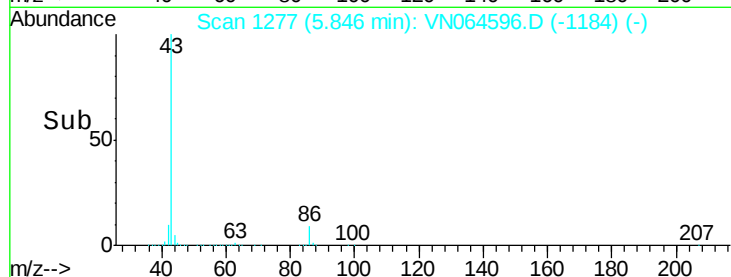
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.664 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

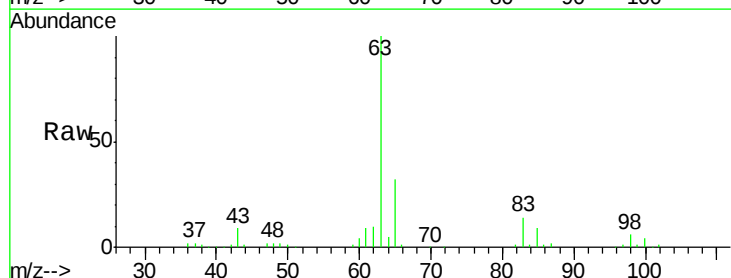
Tgt Ion: 63 Resp: 354074

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.5 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

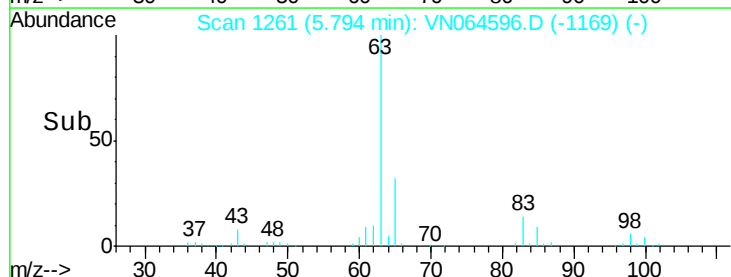
100000

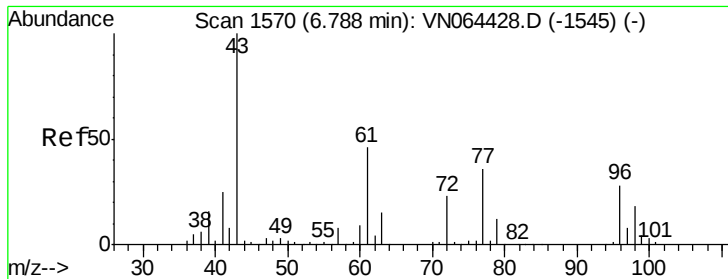
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 257.383 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

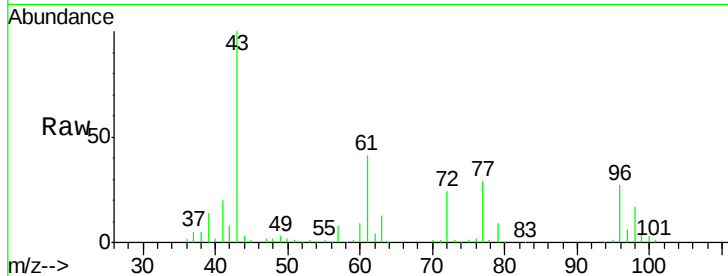
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 648747

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN064596.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN064596.D (-1477) (-)

6.79

250000

200000

150000

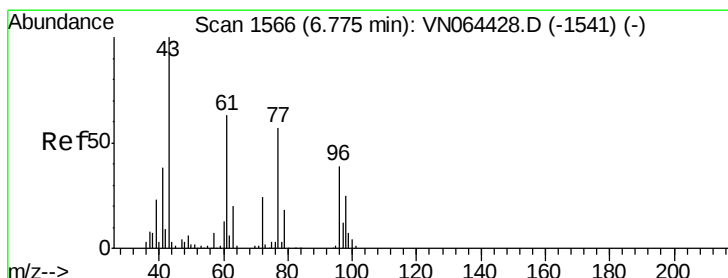
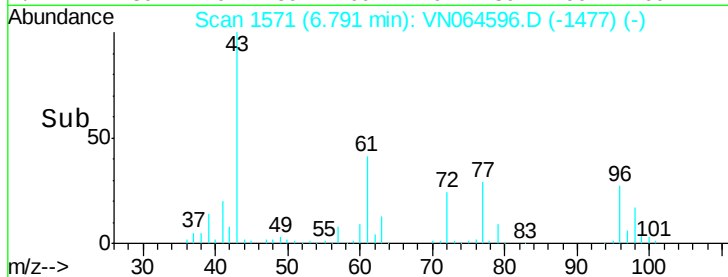
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 40.160 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064596.D

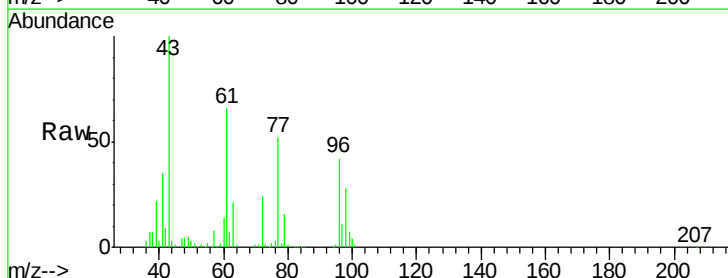
Acq: 12 Nov 2020 21:17

Tgt Ion: 77 Resp: 264511

Ion Ratio Lower Upper

77 100

97 21.2 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN064596.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN064596.D (-1473) (-)

6.78

100000

80000

60000

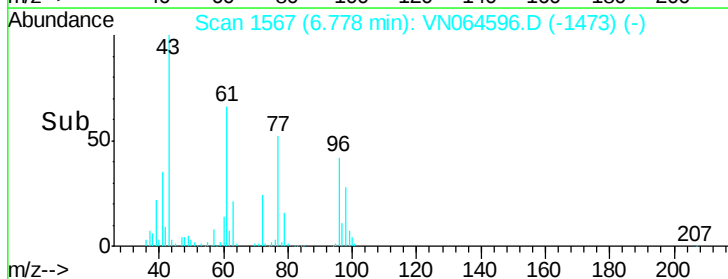
40000

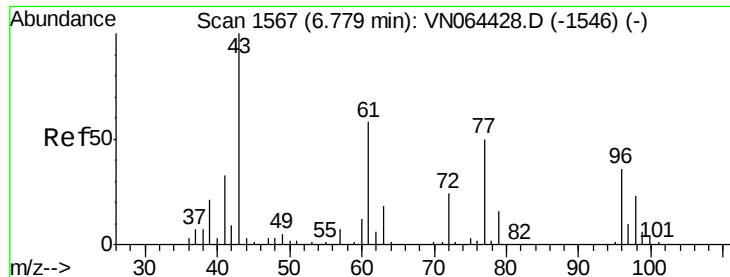
20000

0

6.70 6.75 6.80 6.85

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.744 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

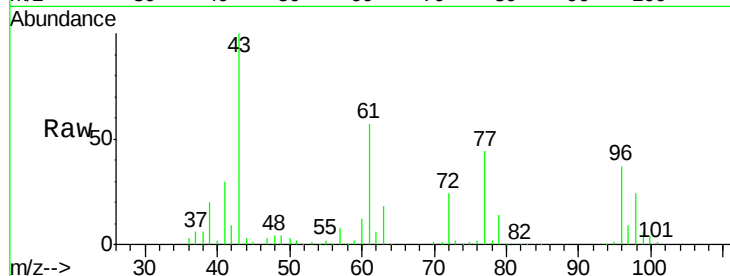
Tot Ion: 96 Resp: 200296

Ion Ratio Lower Upper

96 100

61 157.4 0.0 329.6

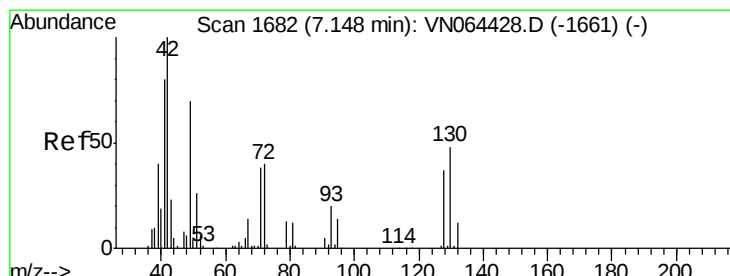
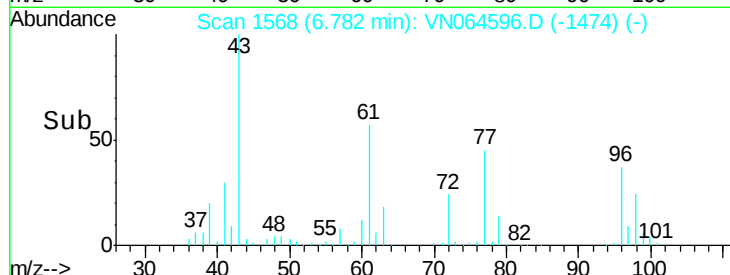
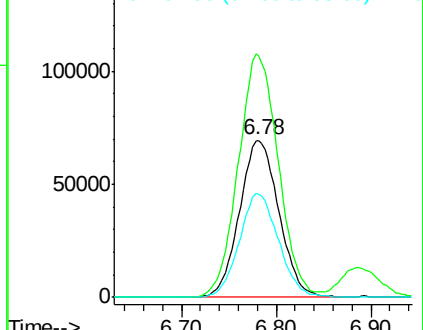
98 65.9 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28

Bromochloromethane

Concen: 48.097 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

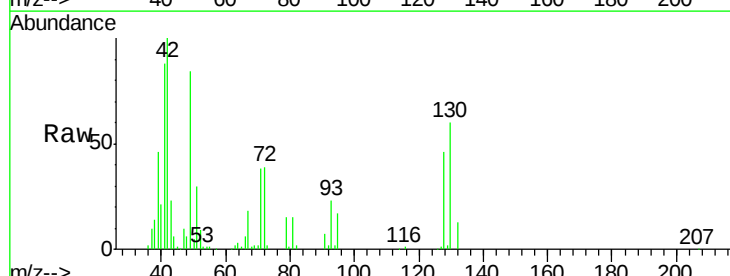
Tgt Ion: 49 Resp: 172014

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

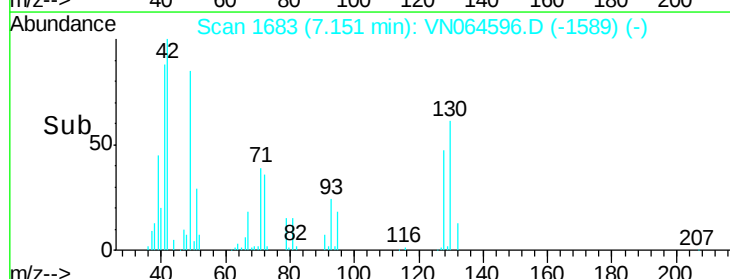
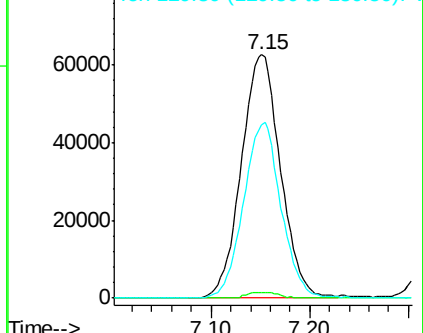
130 68.8 54.2 81.4



Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

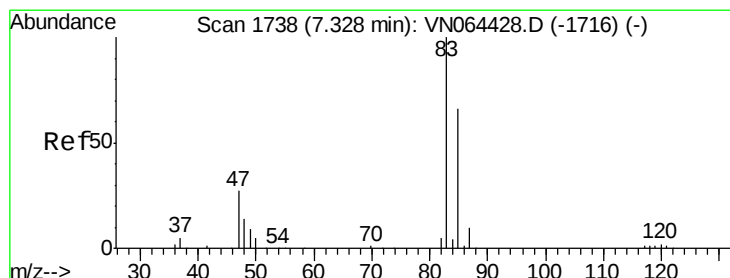
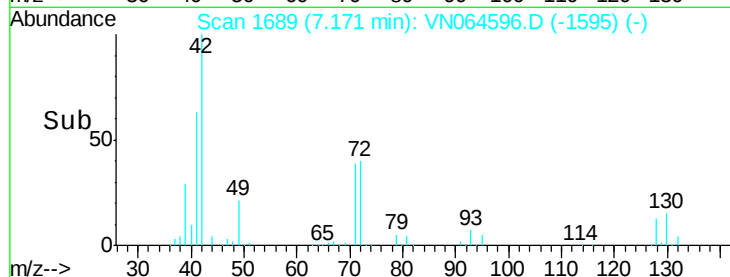
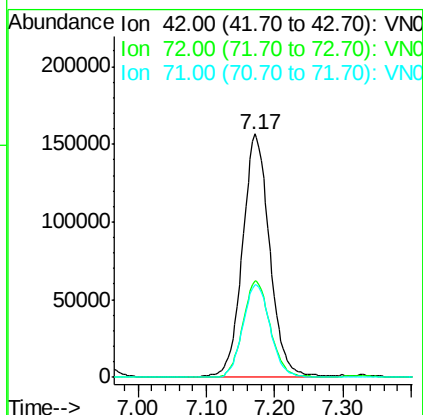
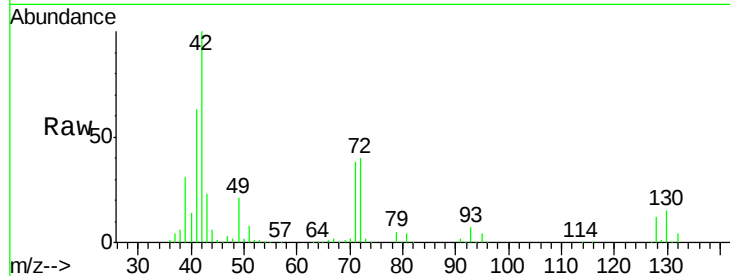




#29
Tetrahydrofuran
Concen: 278.805 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

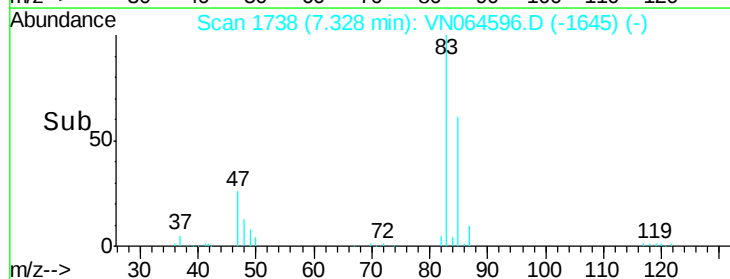
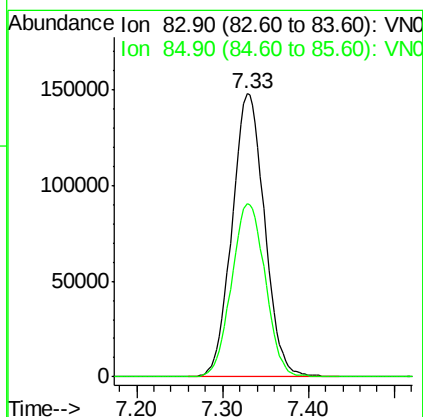
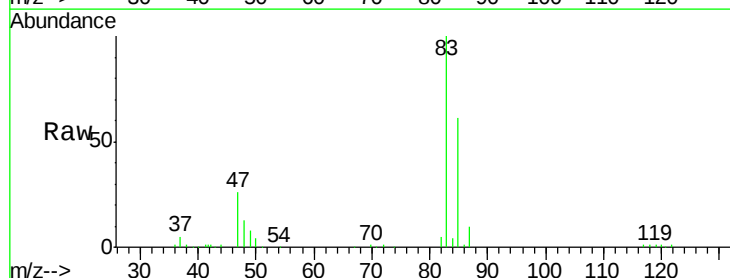
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

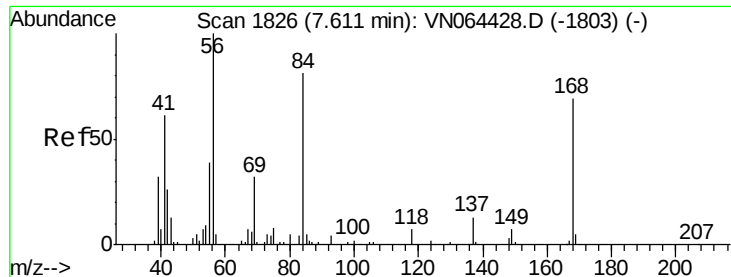
Tot Ion: 42 Resp: 431148
Ion Ratio Lower Upper
42 100
72 40.2 31.7 47.5
71 38.5 29.8 44.6



#30
Chloroform
Concen: 50.747 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 83 Resp: 388118
Ion Ratio Lower Upper
83 100
85 61.2 52.5 78.7





#31

Cyclohexane

Concen: 42.471 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

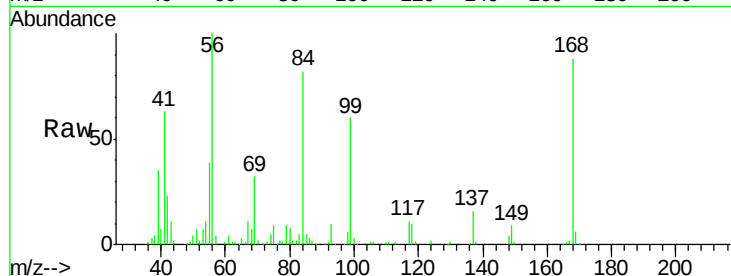
Tot Ion: 56 Resp: 268121

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

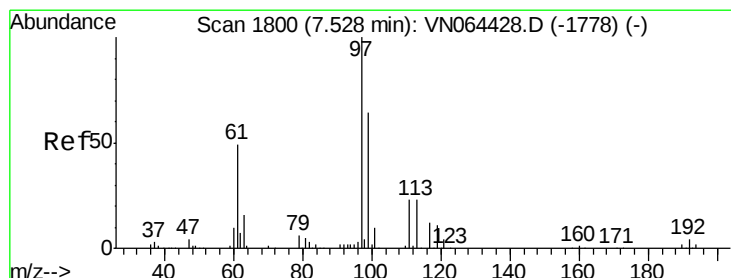
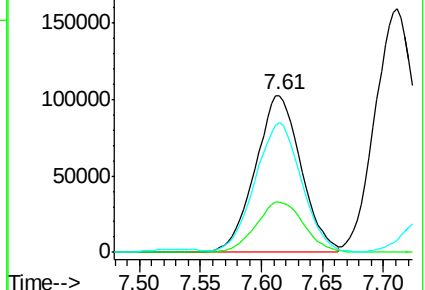
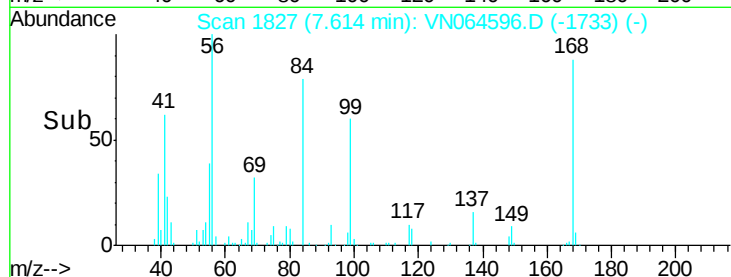
84 80.5 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064596.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064596.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064596.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 50.426 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

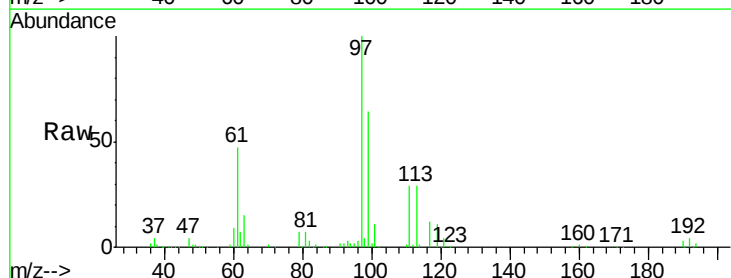
Tgt Ion: 97 Resp: 342064

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

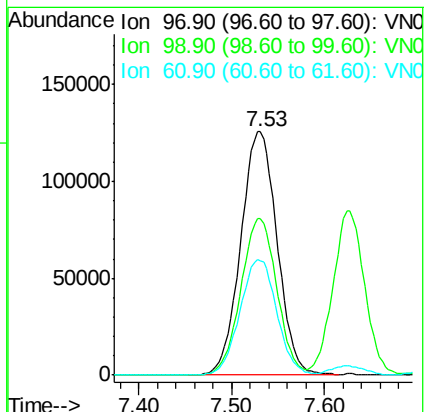
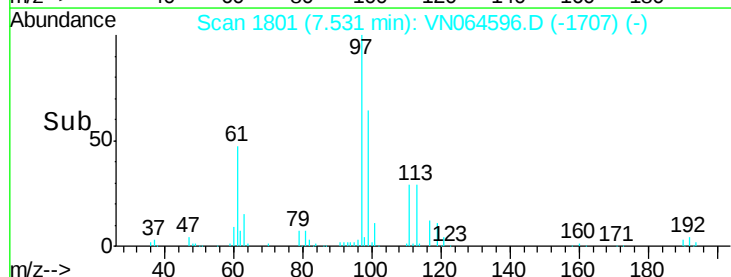
61 48.1 39.1 58.7

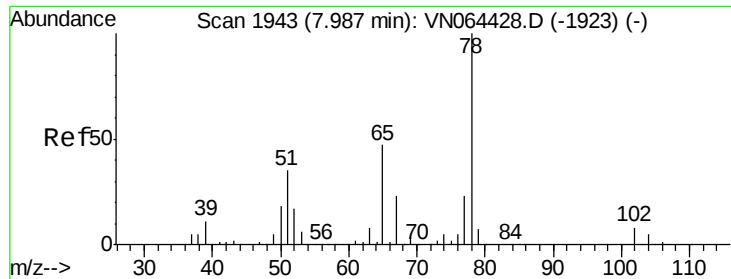


Abundance Ion 96.90 (96.60 to 97.60): VN064596.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064596.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064596.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.112 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

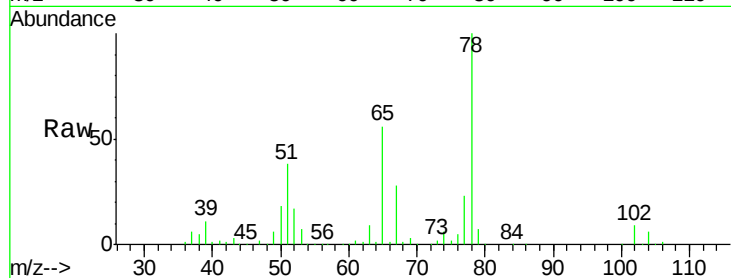
VSTDCCC050EC

Tot Ion: 65 Resp: 260250

Ion Ratio Lower Upper

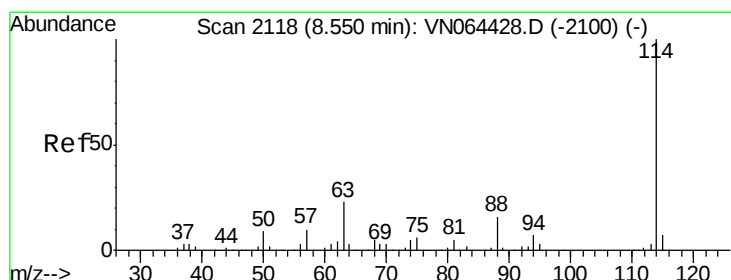
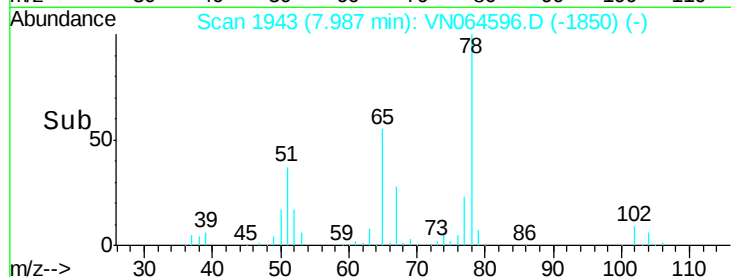
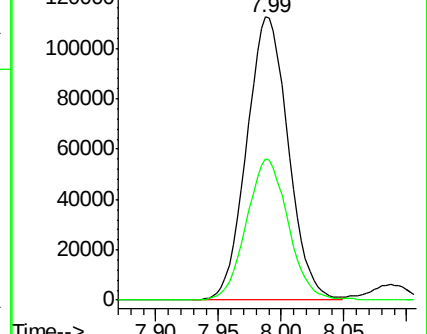
65 100

67 50.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

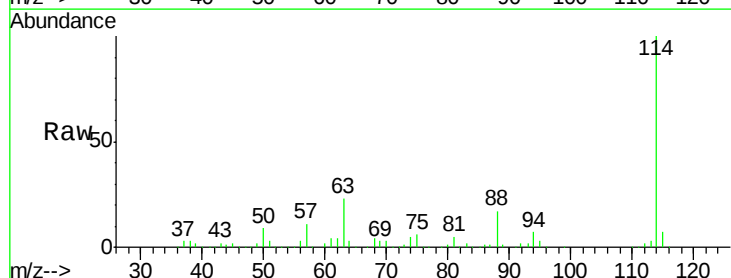
Tgt Ion: 114 Resp: 541204

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

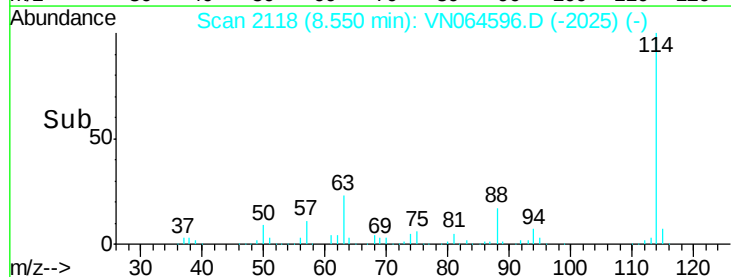
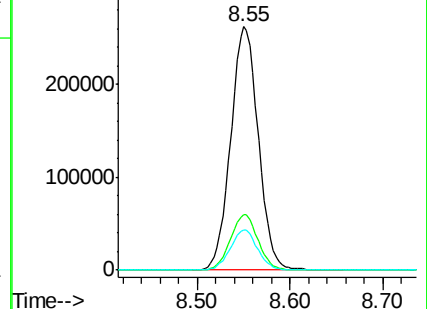
88 16.6 0.0 32.8

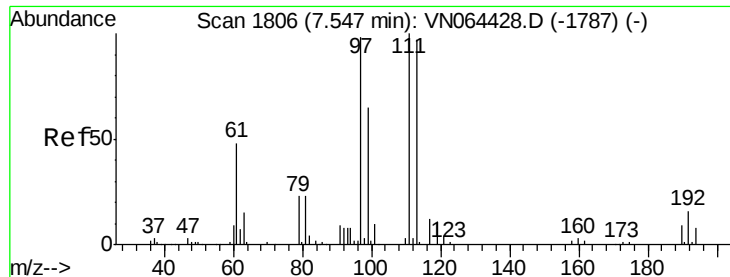


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

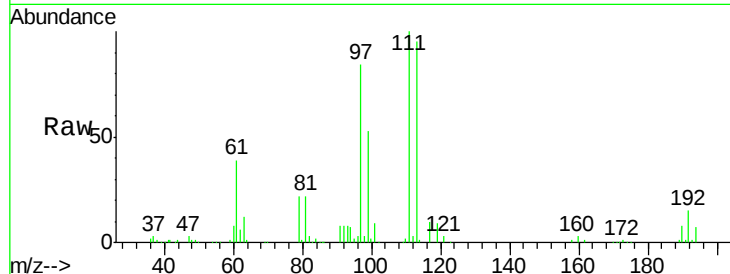




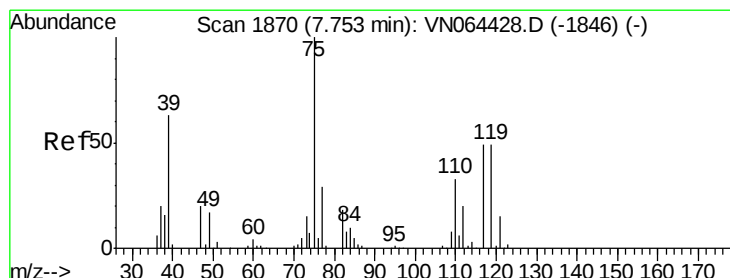
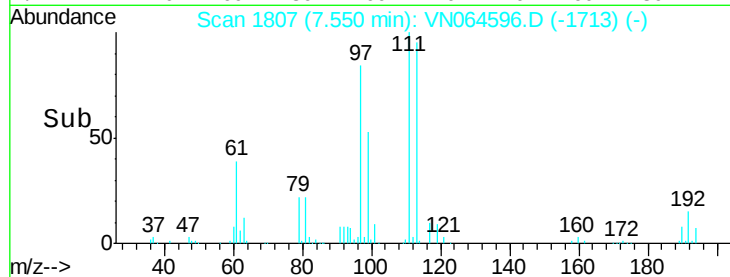
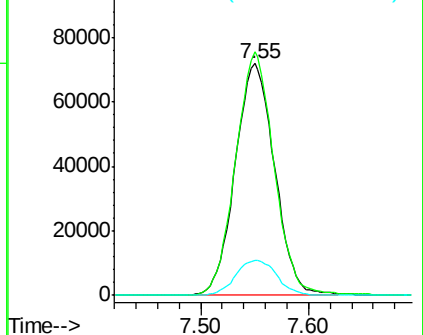
#35
 Dibromofluoromethane
 Concen: 49.504 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 182416
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 15.8 12.8 19.2

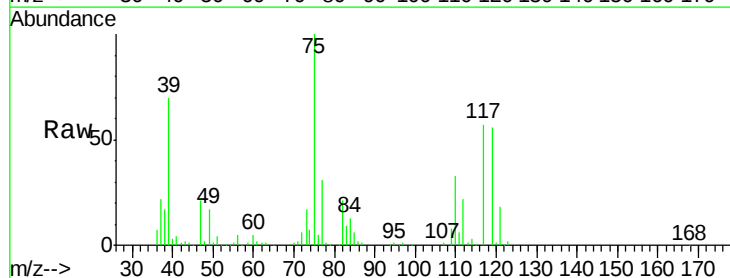


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

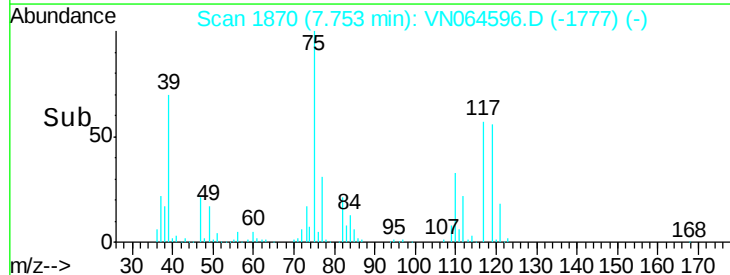
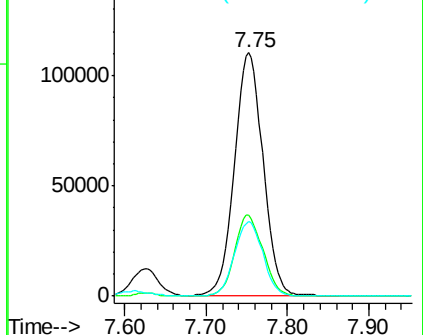


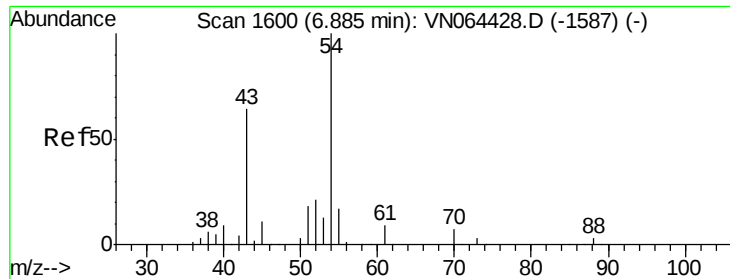
#36
 1,1-Dichloropropene
 Concen: 46.864 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 75 Resp: 267941
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.0 48.0
 77 30.7 24.0 36.0



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

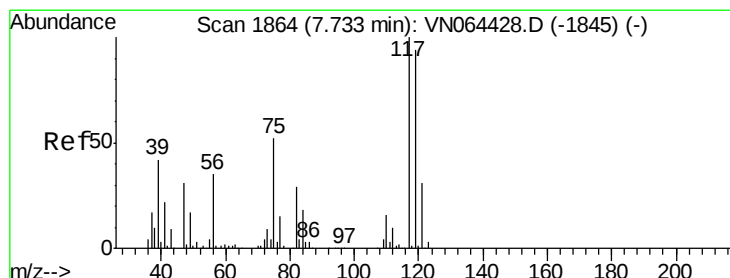
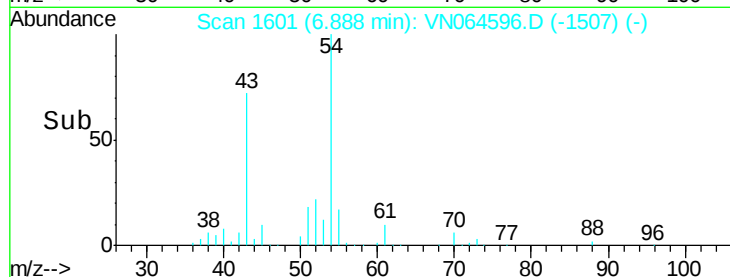
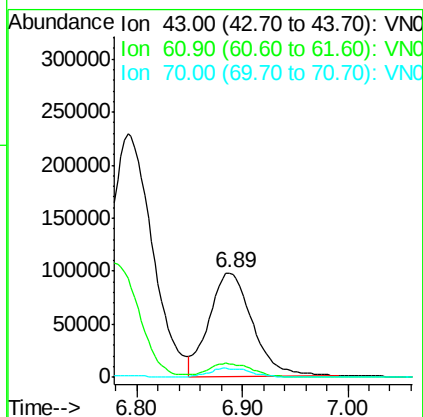
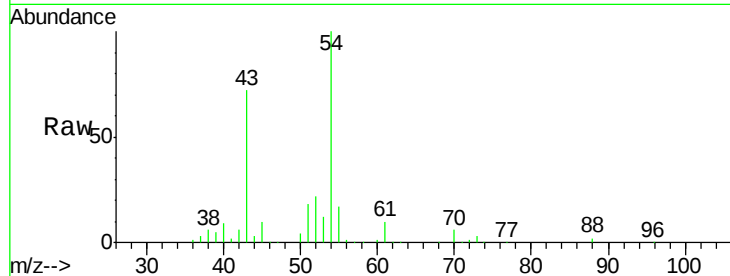




#37
Ethyl Acetate
Concen: 48.142 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

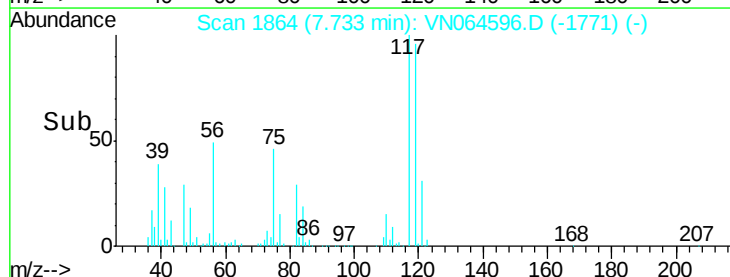
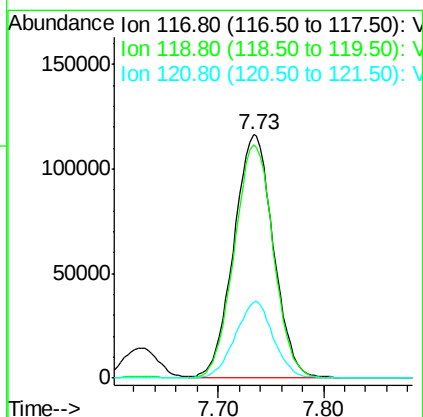
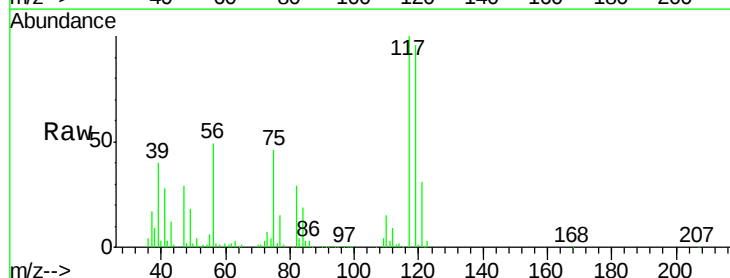
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

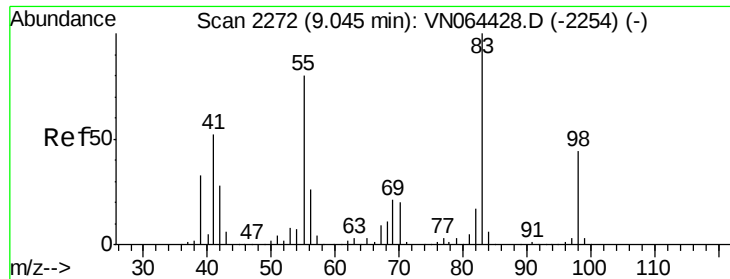
Tot Ion: 43 Resp: 279192
Ion Ratio Lower Upper
43 100
61 13.4 10.0 15.0
70 8.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.370 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 117 Resp: 301678
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3
121 31.4 24.4 36.6

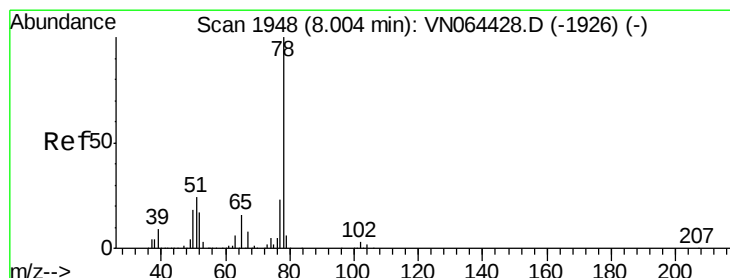
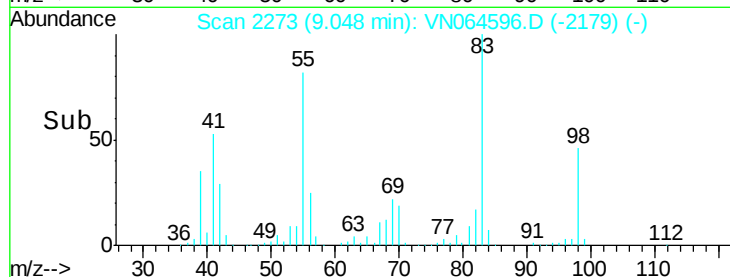
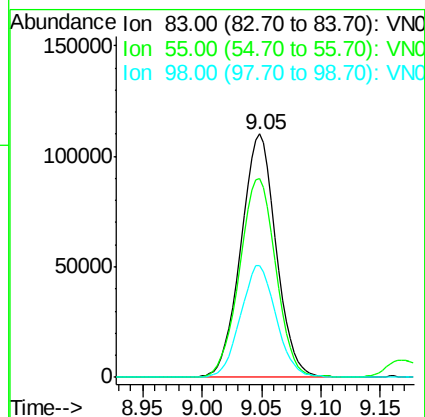
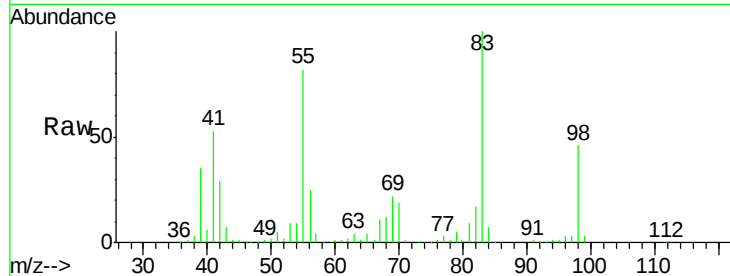




#39
Methvlcvclohexane
Concen: 44.064 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

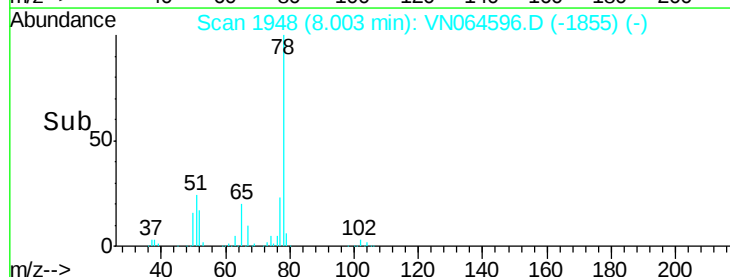
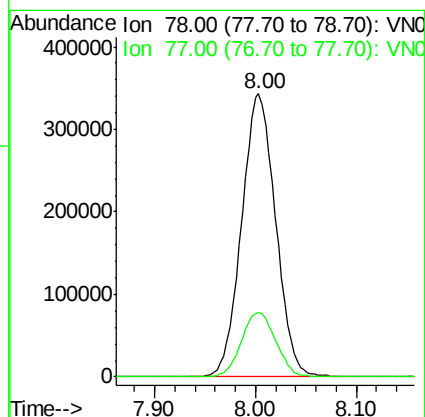
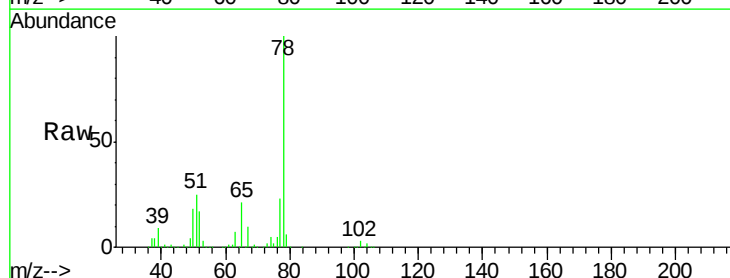
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

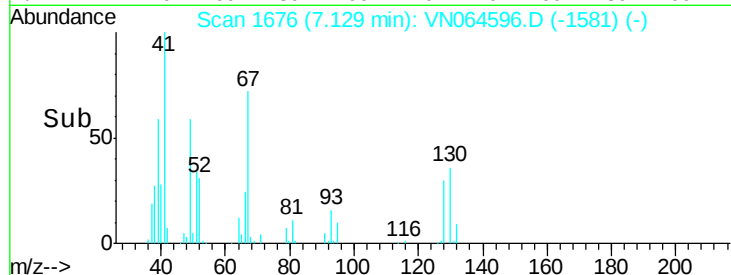
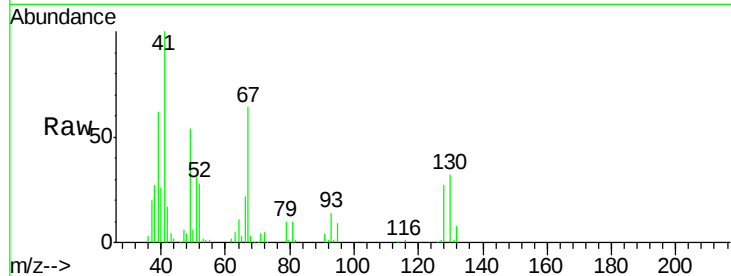
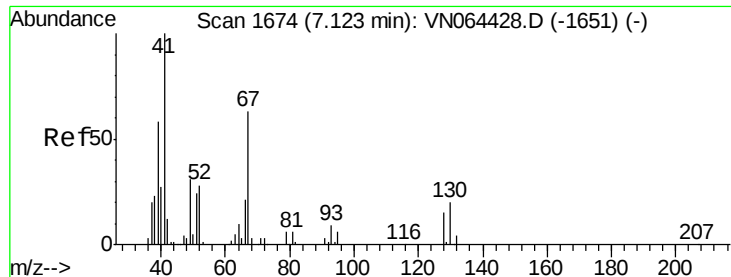
Tot Ion: 83 Resp: 225839
Ion Ratio Lower Upper
83 100
55 81.6 63.8 95.6
98 46.1 35.4 53.2



#40
Benzene
Concen: 47.655 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 78 Resp: 800646
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

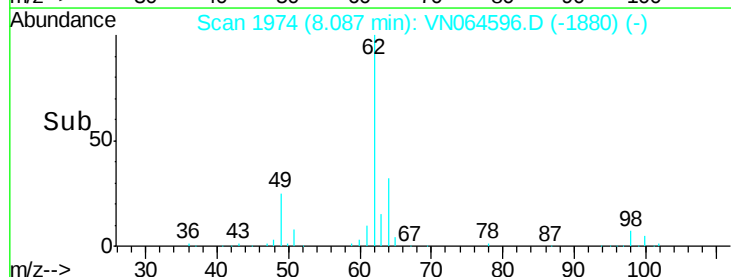
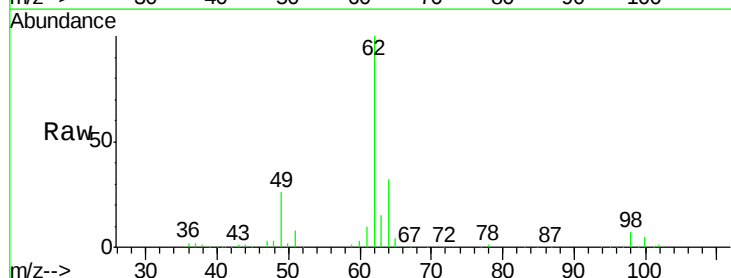
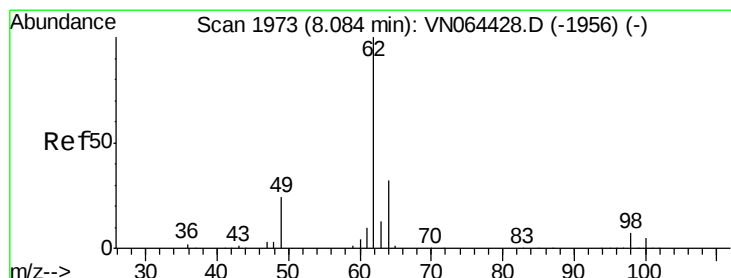
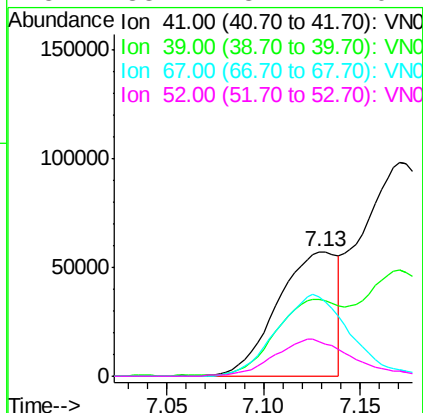




#41
Methacrylonitrile
Concen: 48.458 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

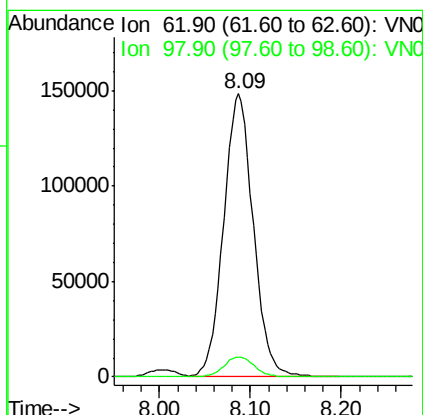
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

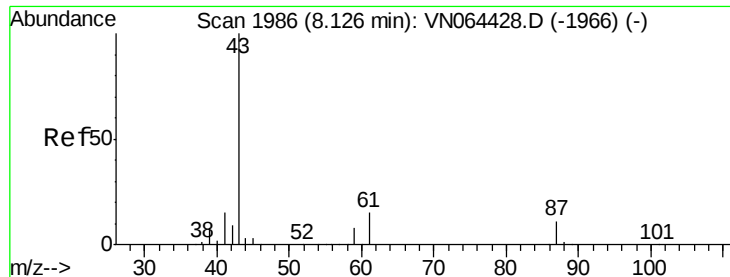
Tot Ion:	41	Resp:	122831
Ion	Ratio	Lower	Upper
41	100		
39	66.3	50.0	75.0
67	81.5	68.3	102.5
52	38.4	32.7	49.1



#42
1,2-Dichloroethane
Concen: 49.402 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion:	62	Resp:	334949
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.0





#43

Isopropyl Acetate

Concen: 50.775 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

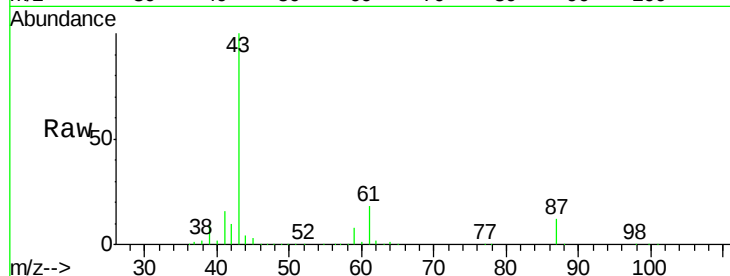
Tot Ion: 43 Resp: 470463

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

8.13

250000

200000

150000

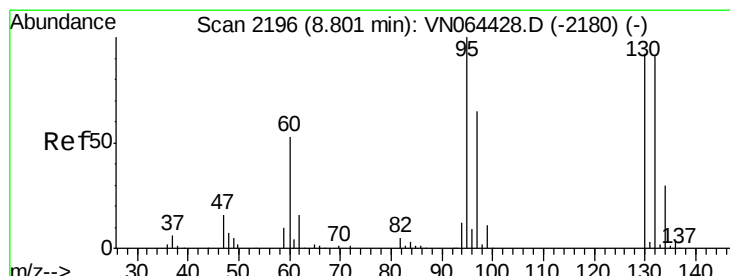
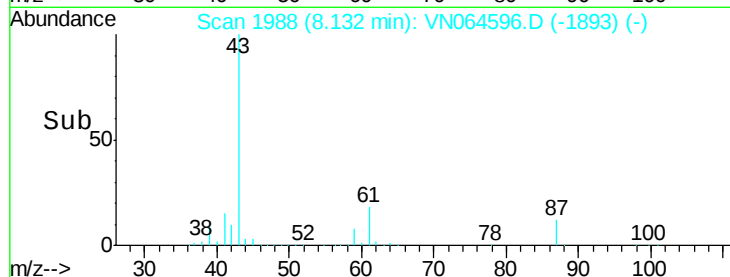
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 45.972 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064596.D

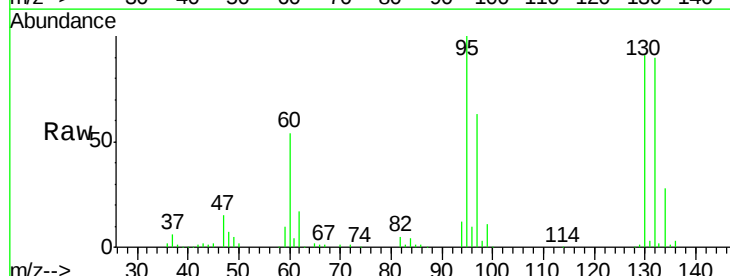
Acq: 12 Nov 2020 21:17

Tgt Ion:130 Resp: 194869

Ion Ratio Lower Upper

130 100

95 109.7 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

120000

100000

80000

60000

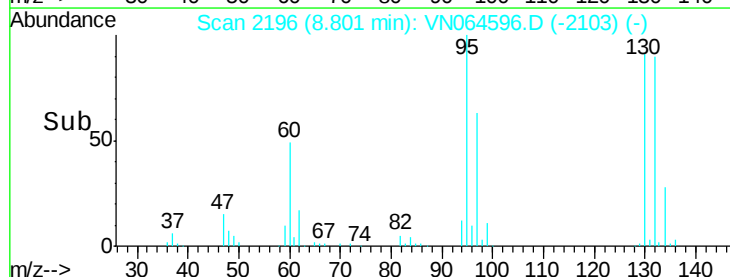
40000

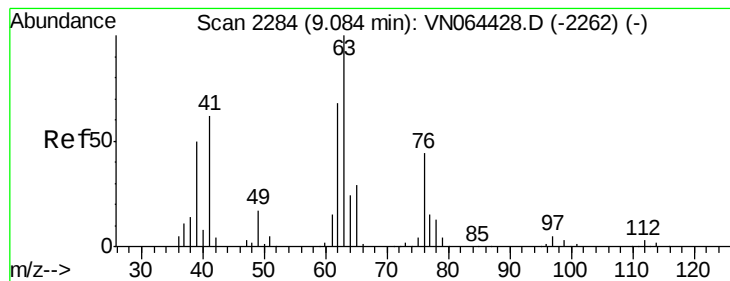
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 48.257 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

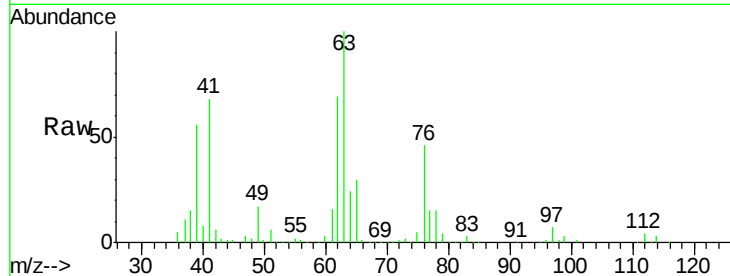
VSTDCCC050EC

Tot Ion: 63 Resp: 216327

Ion Ratio Lower Upper

63 100

65 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN064596.D (-2219) (-)

Ion 64.90 (64.60 to 65.60): VN064596.D (-2219) (-)

9.09

100000

80000

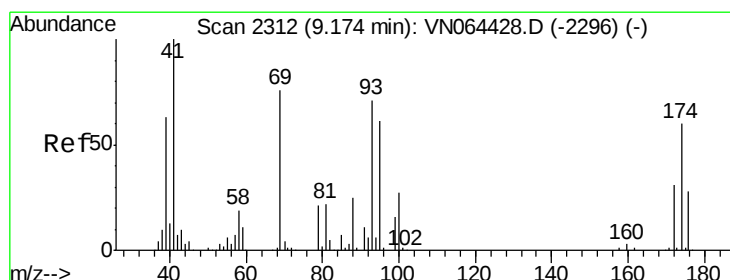
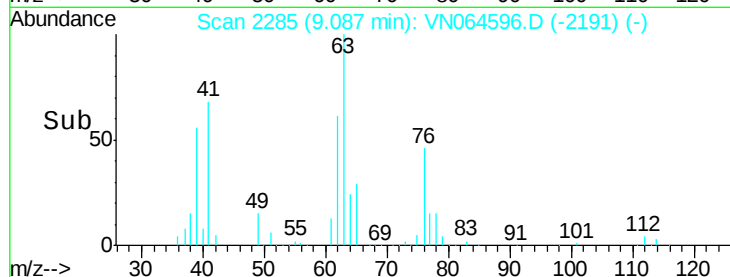
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 52.084 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

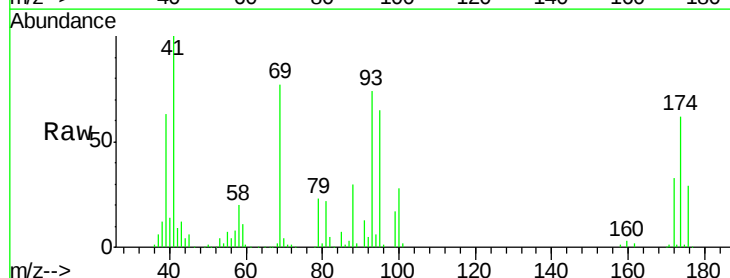
Tgt Ion: 93 Resp: 153699

Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 82.6 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN064596.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064596.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064596.D (-2219) (-)

9.18

100000

80000

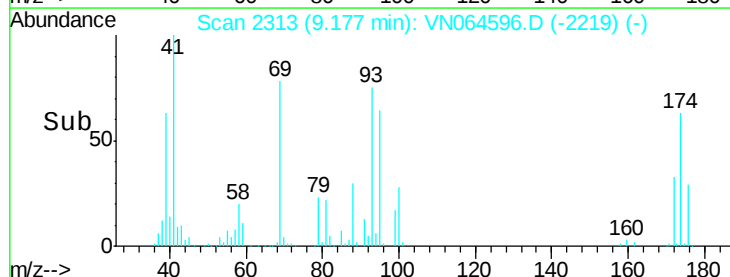
60000

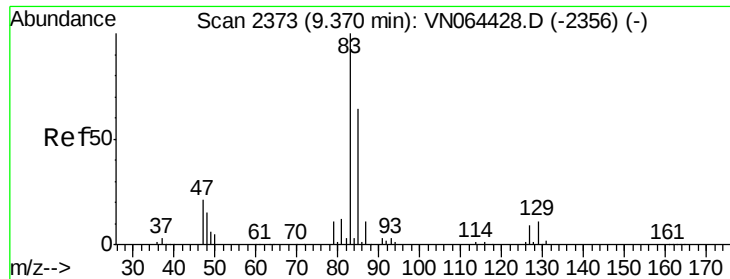
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.780 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

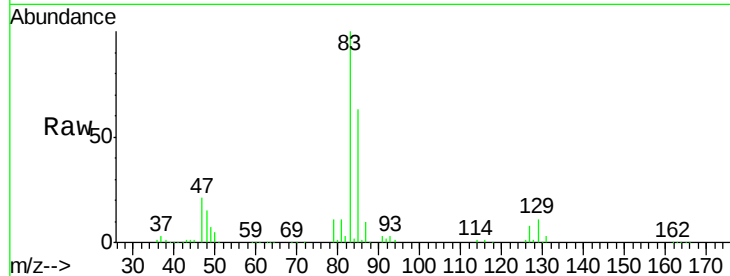
Tot Ion: 83 Resp: 322214

Ion Ratio Lower Upper

83 100

85 62.5 51.2 76.8

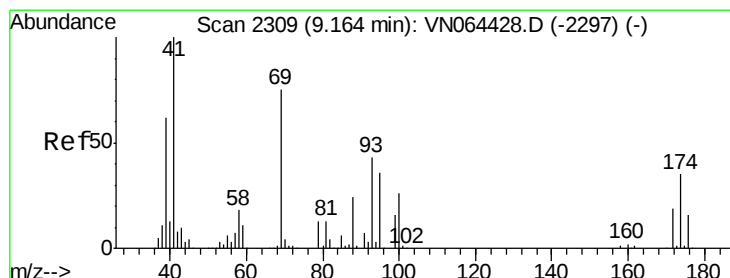
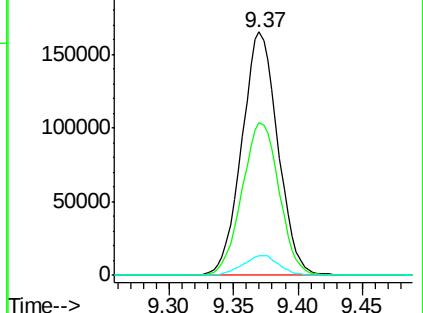
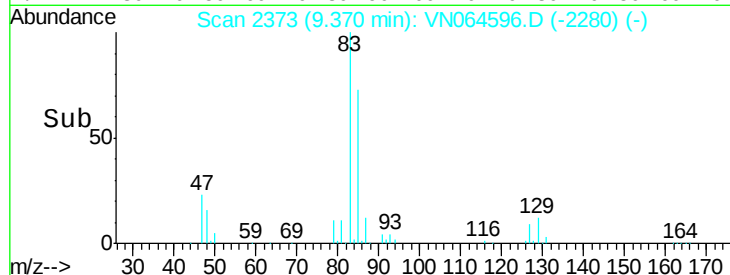
127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064596.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064596.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064596.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.017 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

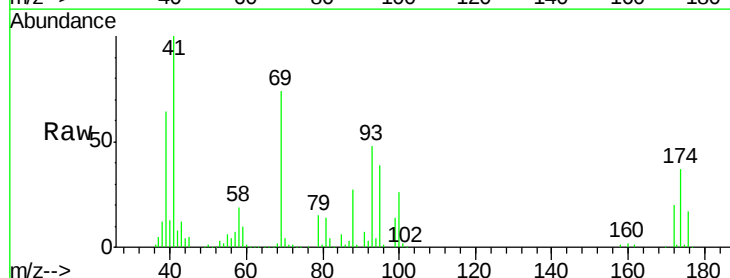
Tgt Ion: 41 Resp: 243202

Ion Ratio Lower Upper

41 100

69 75.6 60.4 90.6

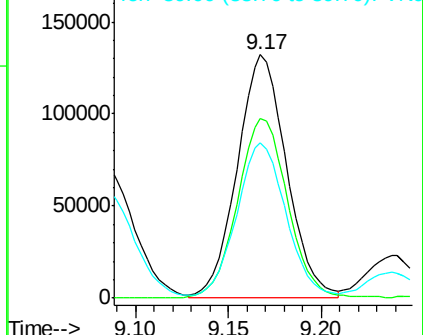
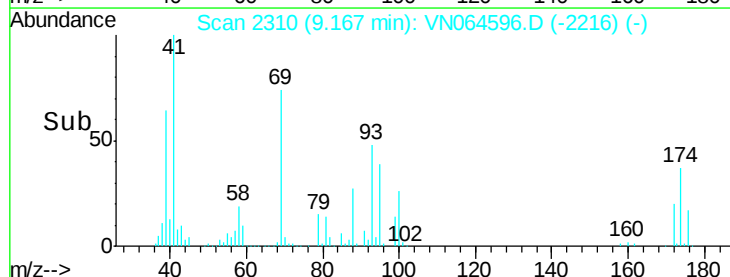
39 64.0 51.2 76.8

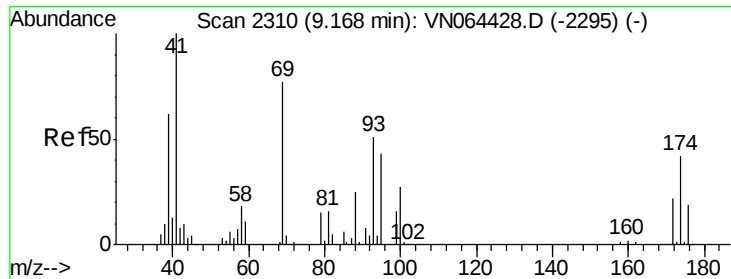


Abundance Ion 41.00 (40.70 to 41.70): VN064596.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064596.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064596.D (-2216) (-)

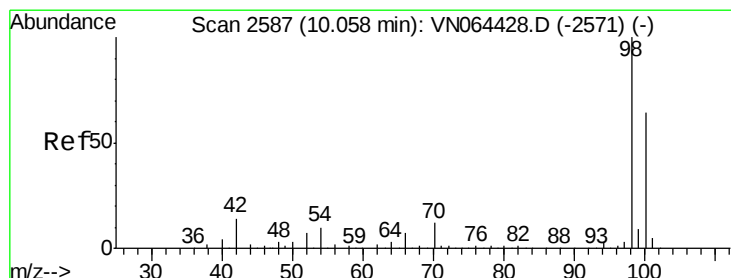
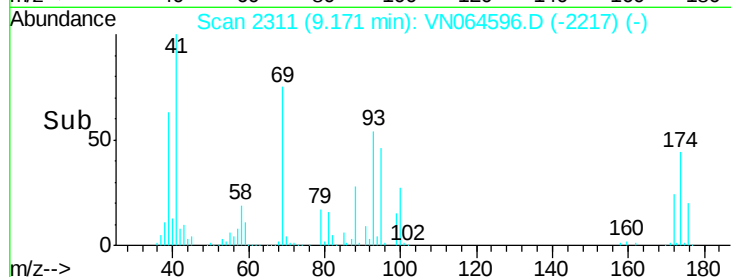
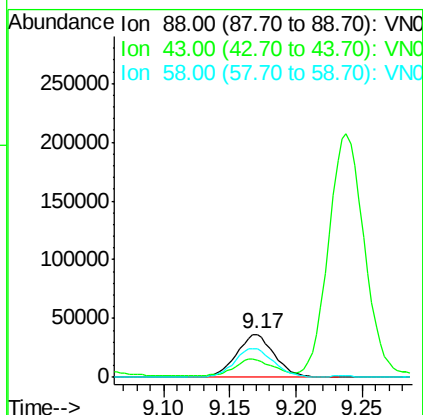
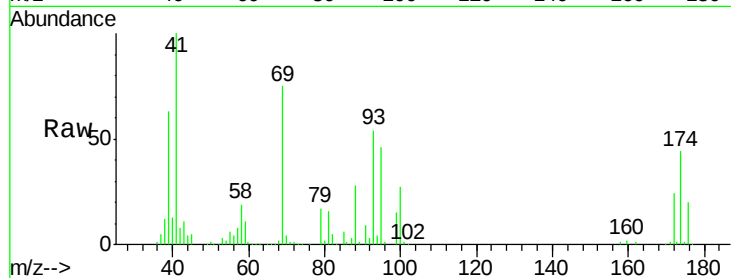




#49
1,4-Dioxane
Concen: 1177.482 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

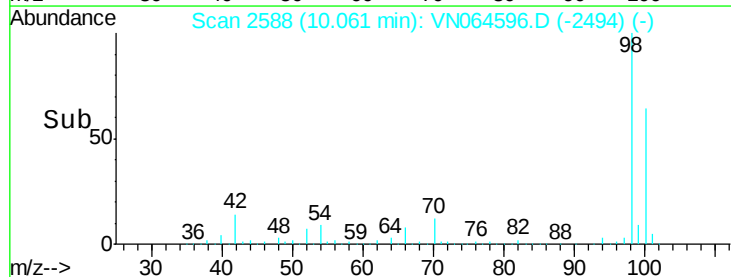
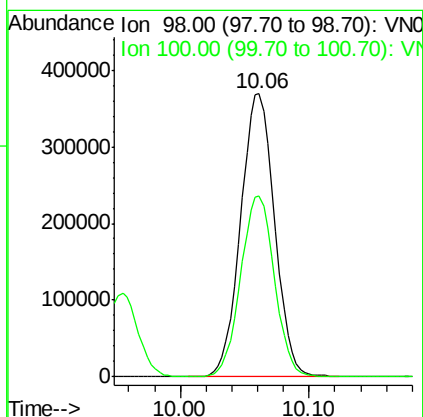
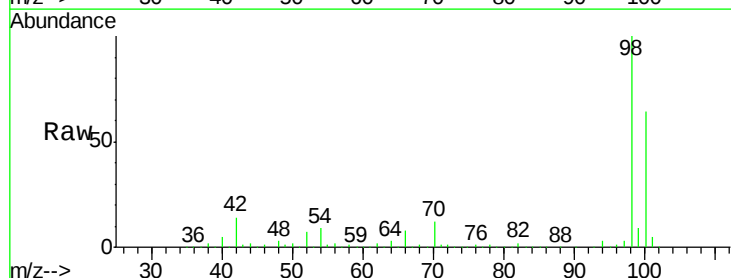
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

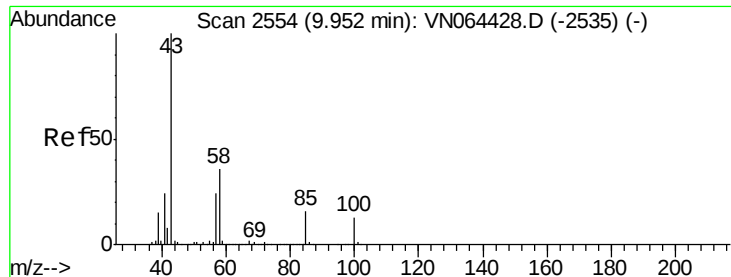
Tot Ion: 88 Resp: 72512
Ion Ratio Lower Upper
88 100
43 38.4 31.0 46.6
58 70.1 58.4 87.6



#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 98 Resp: 676875
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 279.419 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

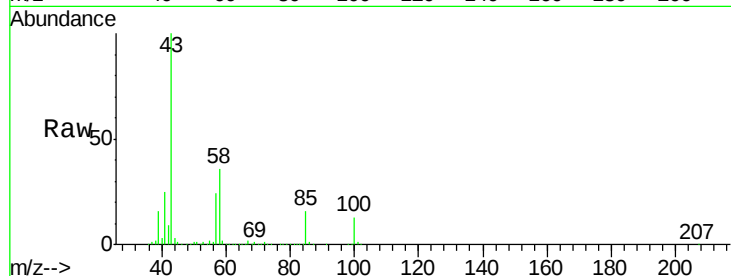
VSTDCCC050EC

Tot Ion: 43 Resp: 1509822

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.96

800000

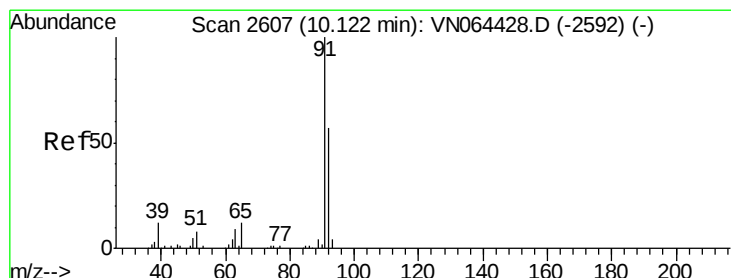
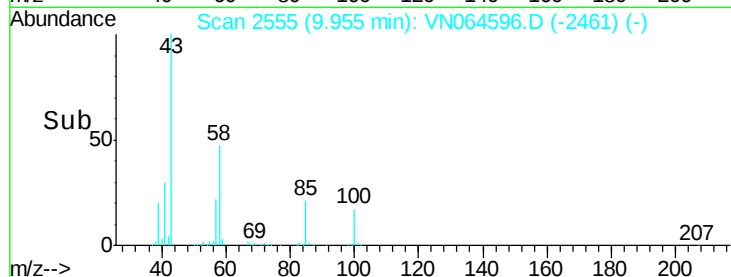
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.219 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064596.D

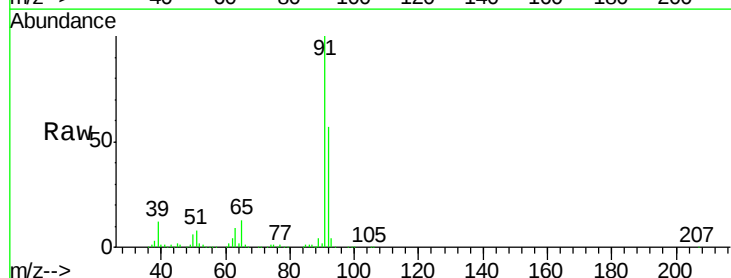
Acq: 12 Nov 2020 21:17

Tgt Ion: 92 Resp: 504345

Ion Ratio Lower Upper

92 100

91 176.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

500000

400000

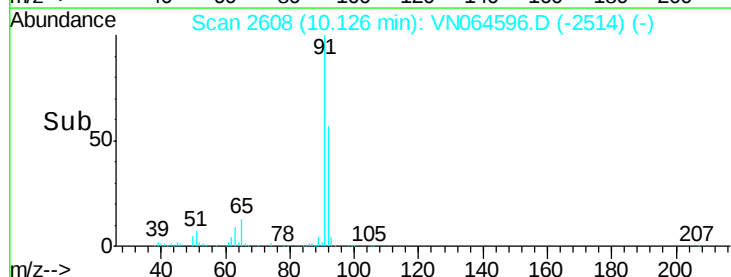
300000

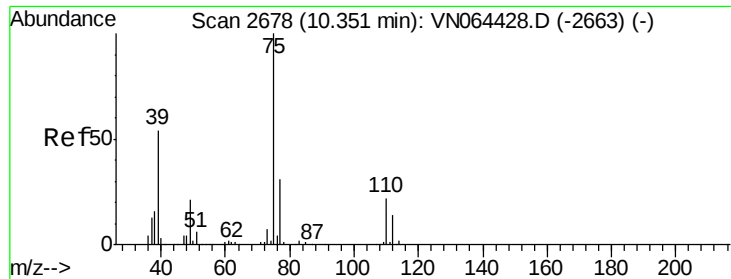
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.647 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

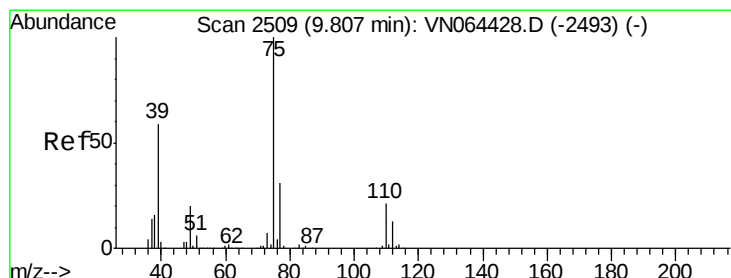
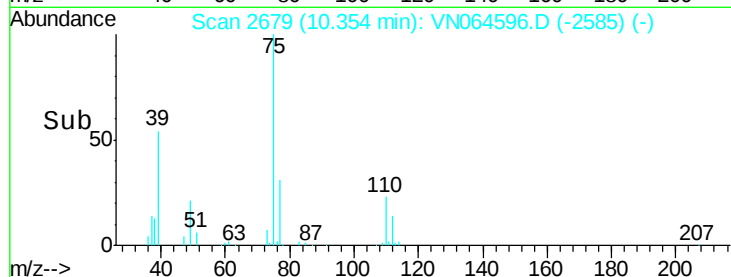
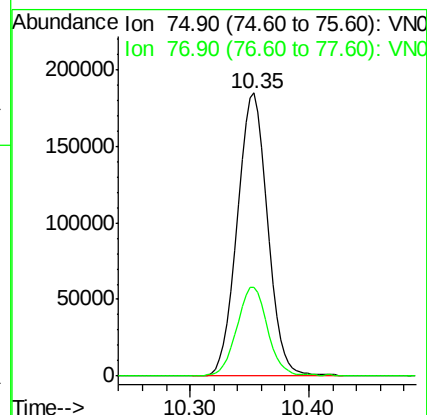
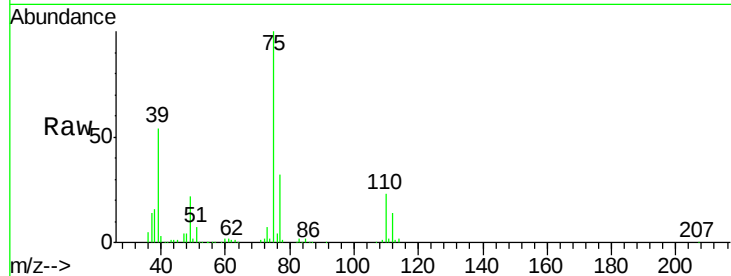
VSTDCCC050EC

Tot Ion: 75 Resp: 327251

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 47.724 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

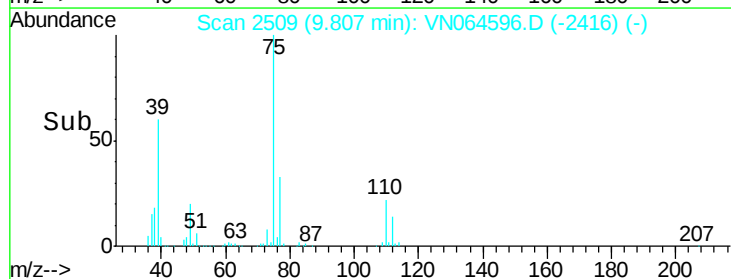
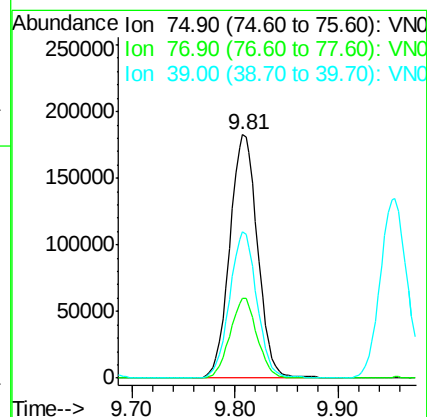
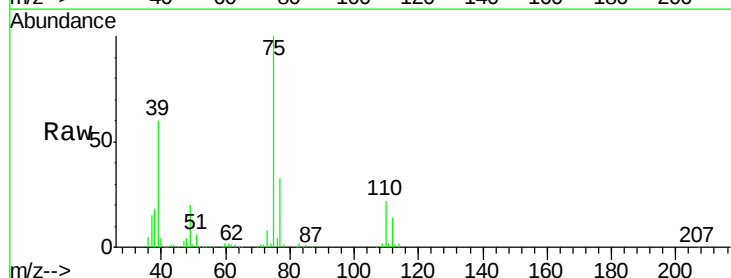
Tgt Ion: 75 Resp: 343248

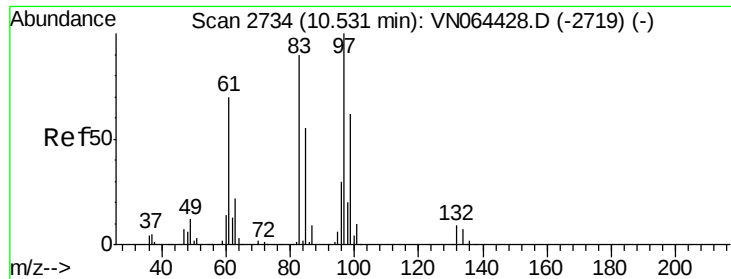
Ion Ratio Lower Upper

75 100

77 32.8 24.9 37.3

39 59.9 47.1 70.7

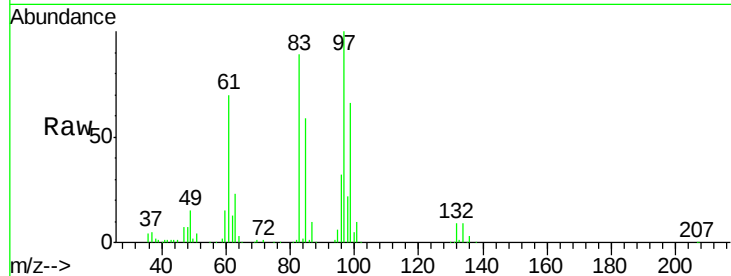




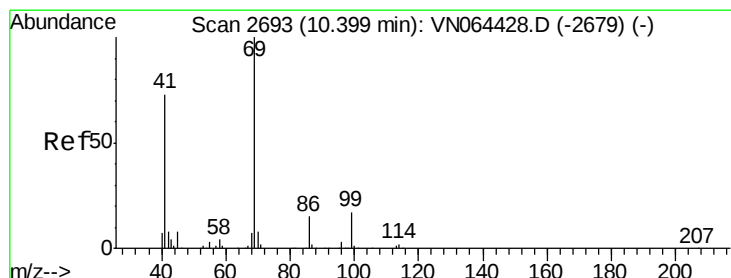
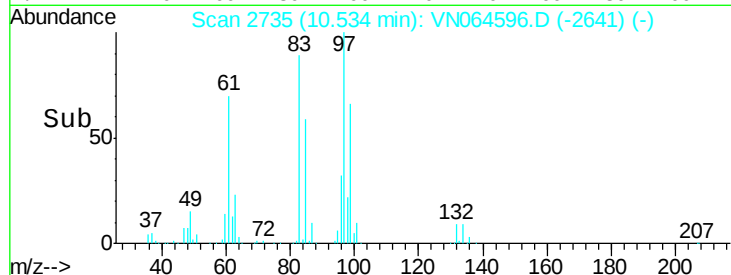
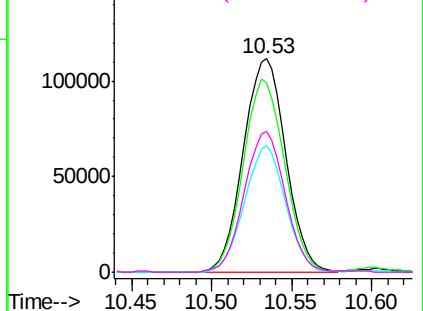
#55
 1,1,2-Trichloroethane
 Concen: 50.788 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 202962
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.7 107.5
 85 59.1 44.3 66.5
 99 65.9 49.4 74.2

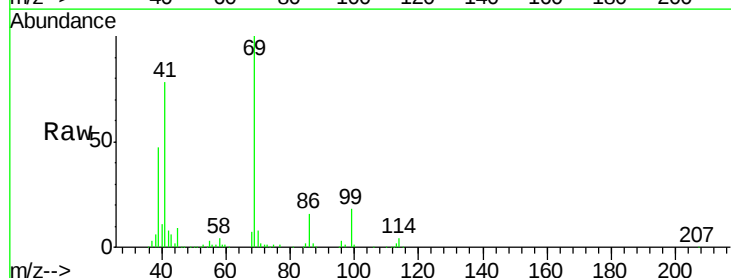


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

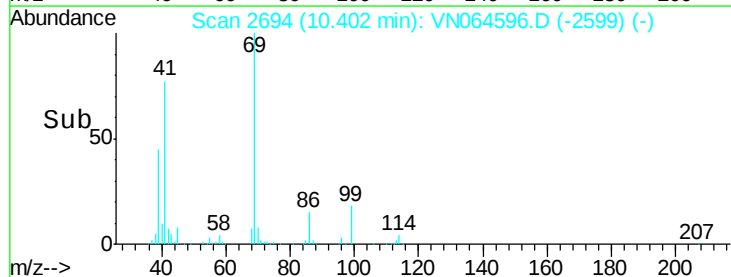
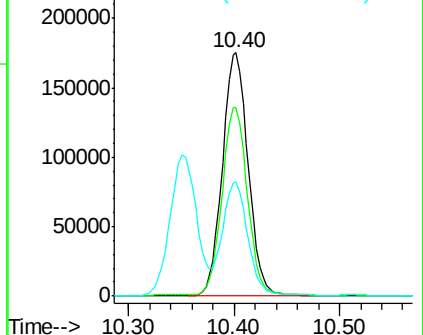


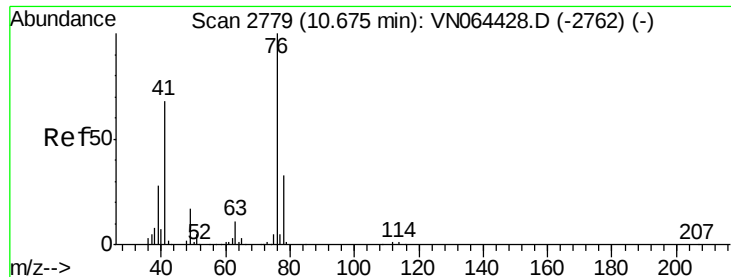
#56
 Ethyl methacrylate
 Concen: 45.214 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 69 Resp: 296081
 Ion Ratio Lower Upper
 69 100
 41 75.8 59.3 88.9
 39 46.3 35.4 53.0



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: 50.625 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

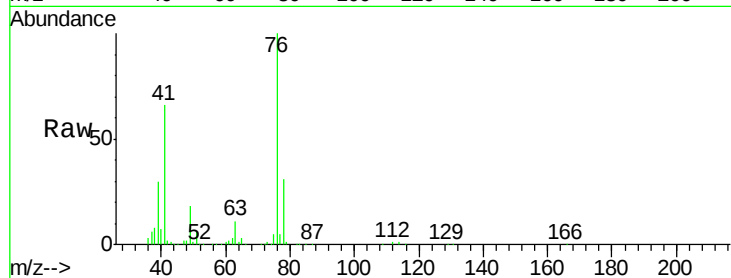
VSTDCCC050EC

Tot Ion: 76 Resp: 353132

Ion Ratio Lower Upper

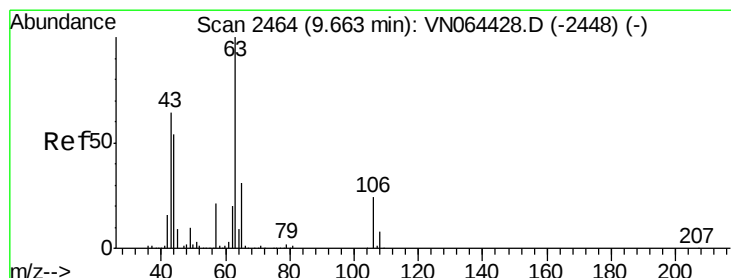
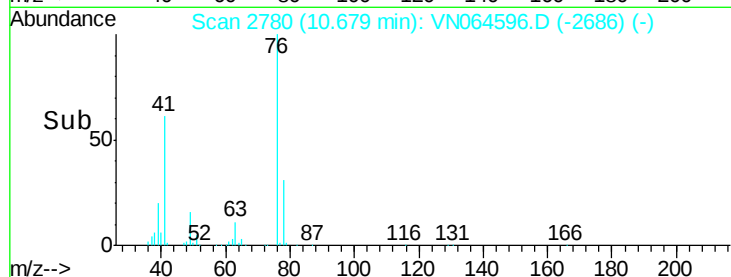
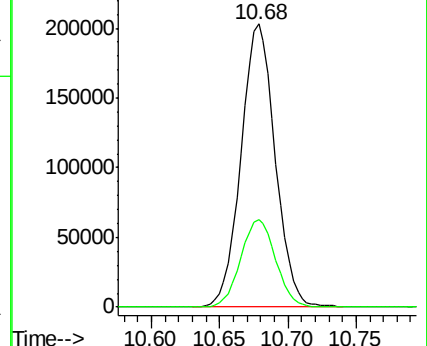
76 100

78 31.6 25.8 38.6



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: 257.151 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064596.D

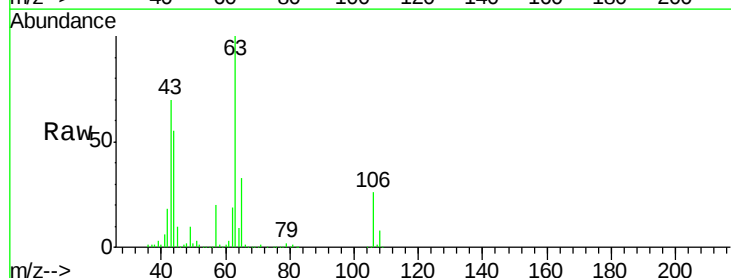
Acq: 12 Nov 2020 21:17

Tgt Ion: 63 Resp: 801025

Ion Ratio Lower Upper

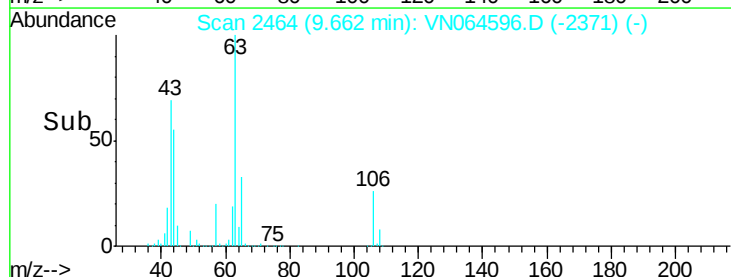
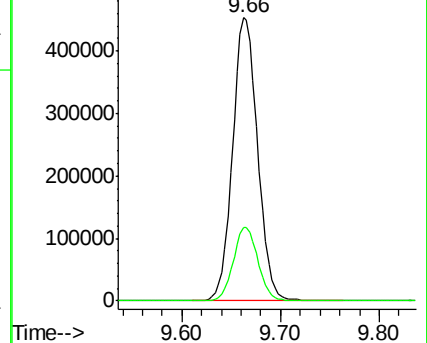
63 100

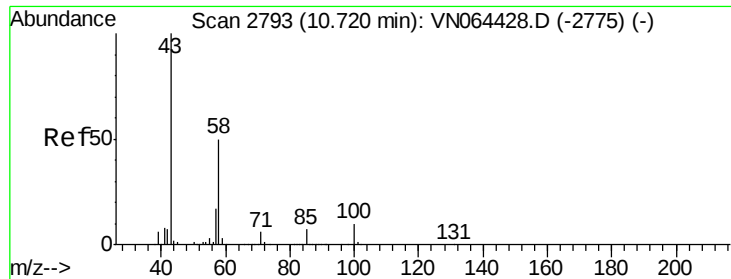
106 25.7 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

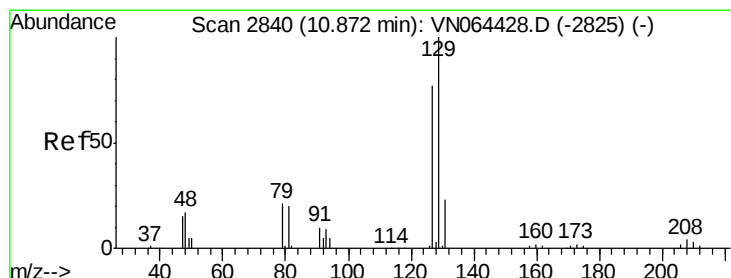
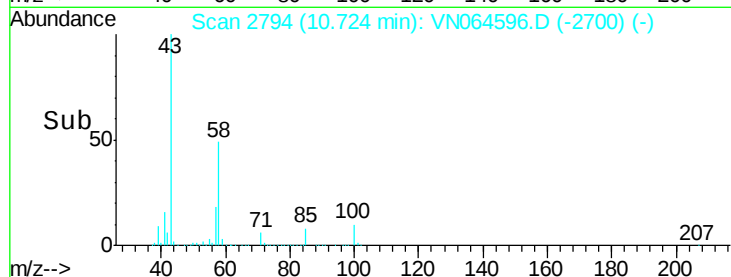
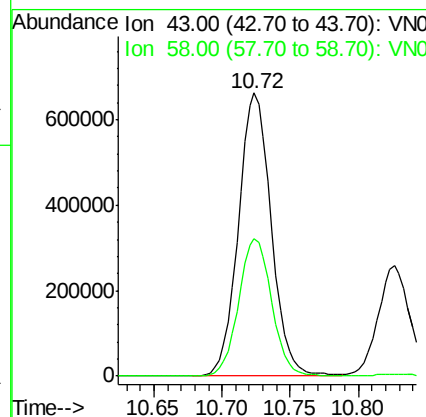
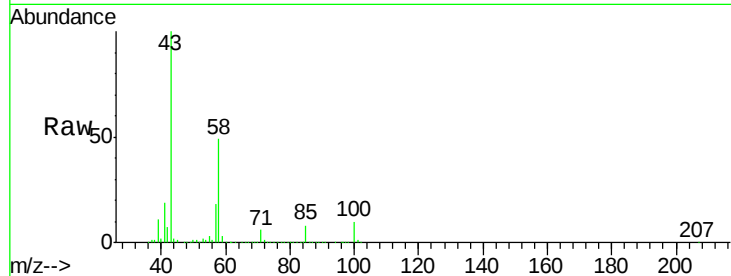




#59
2-Hexanone
Concen: 249.602 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

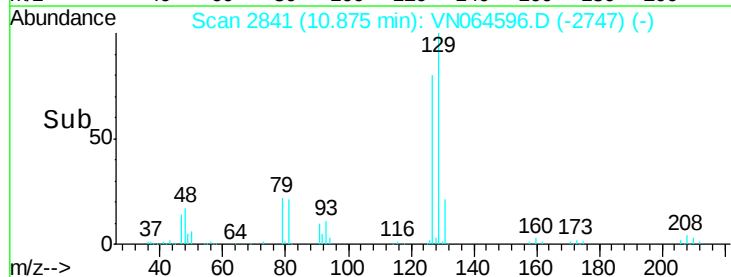
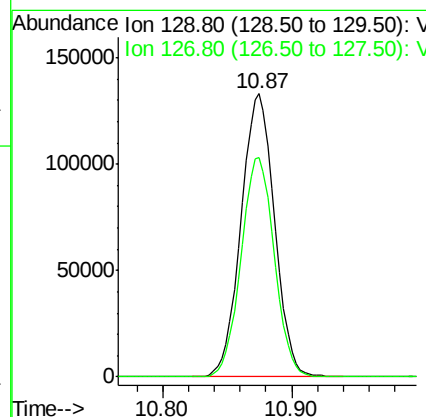
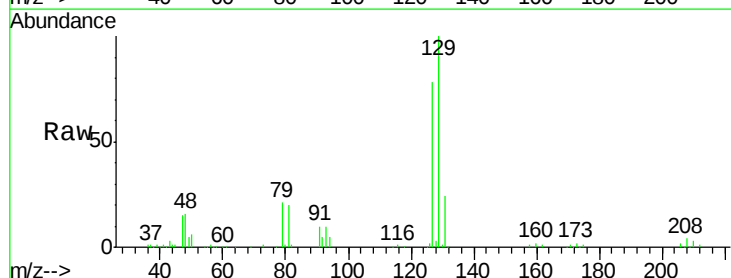
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

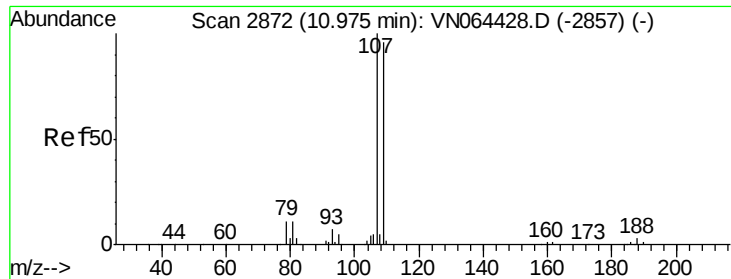
Tot Ion: 43 Resp: 1099760
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 53.750 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 129 Resp: 240493
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.481 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

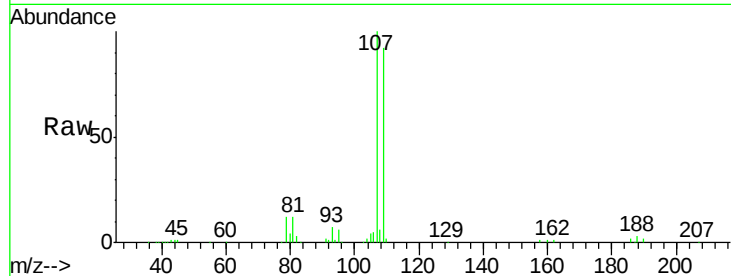
VSTDCCC050EC

Tot Ion:107 Resp: 212734

Ion Ratio Lower Upper

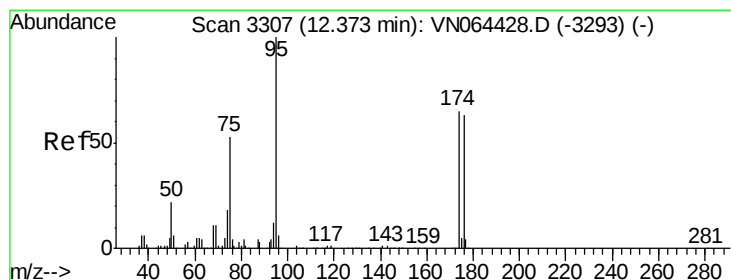
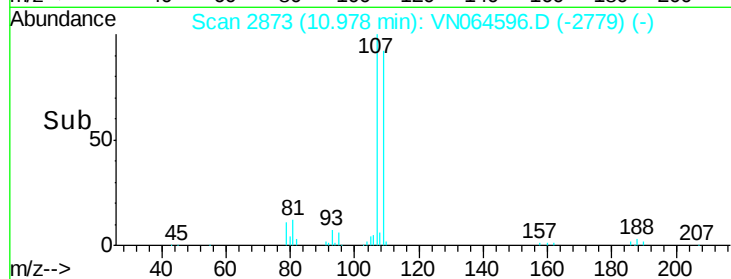
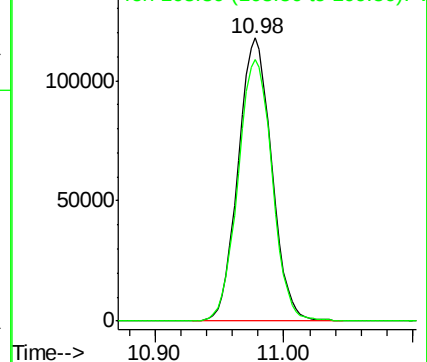
107 100

109 94.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.709 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

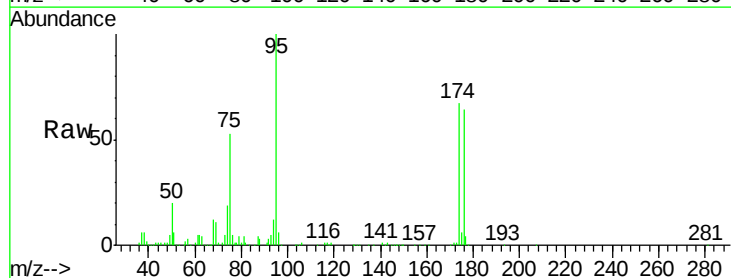
Tgt Ion: 95 Resp: 256965

Ion Ratio Lower Upper

95 100

174 69.0 0.0 132.6

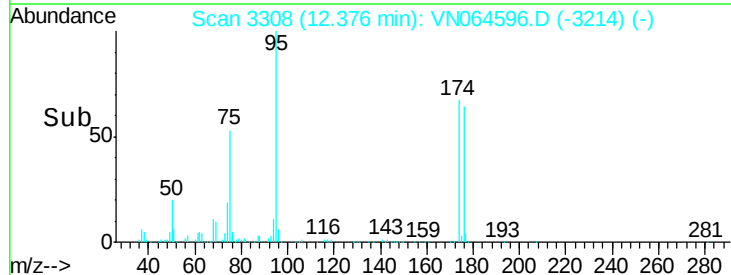
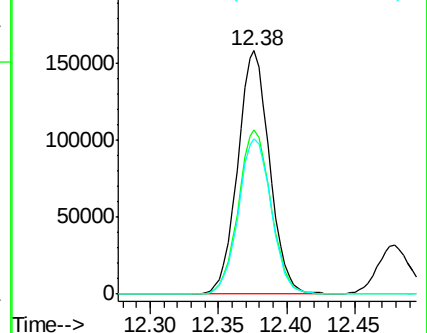
176 65.9 0.0 129.2

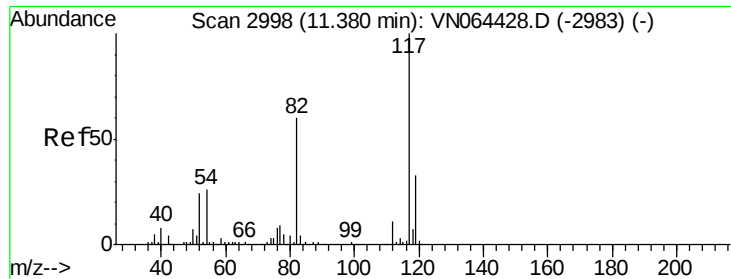


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

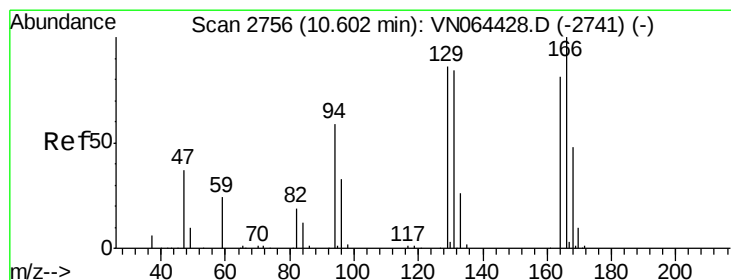
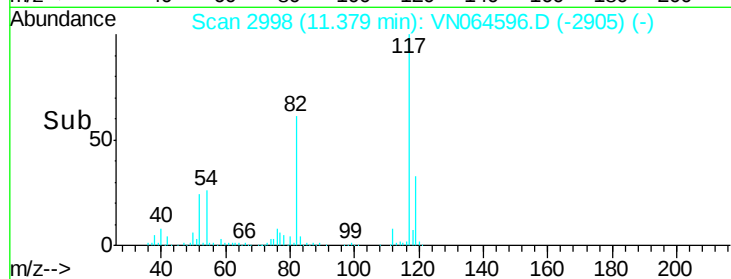
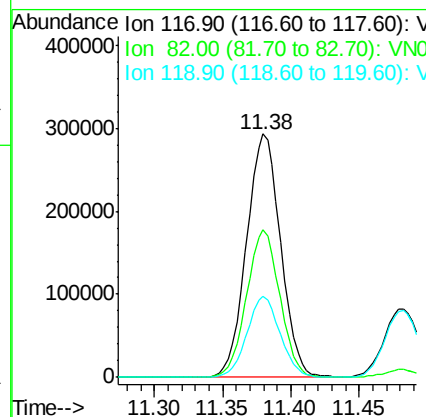
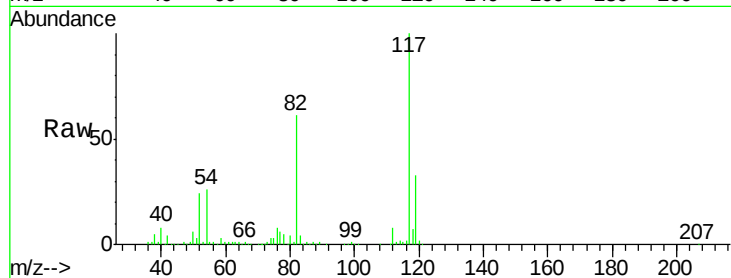




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

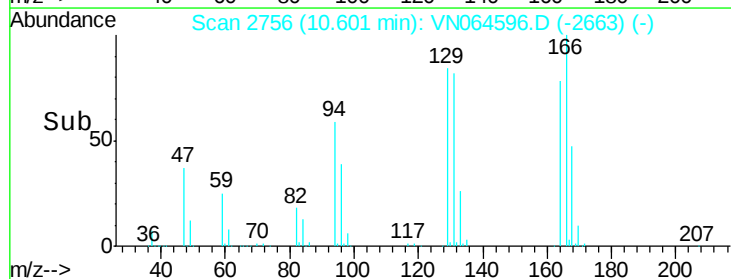
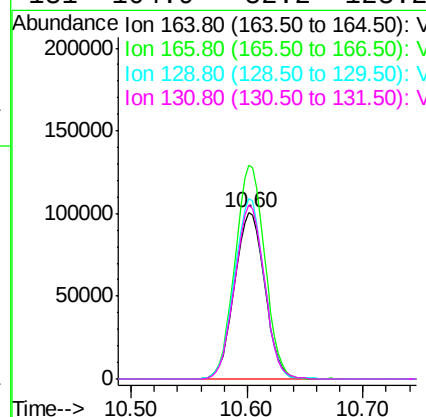
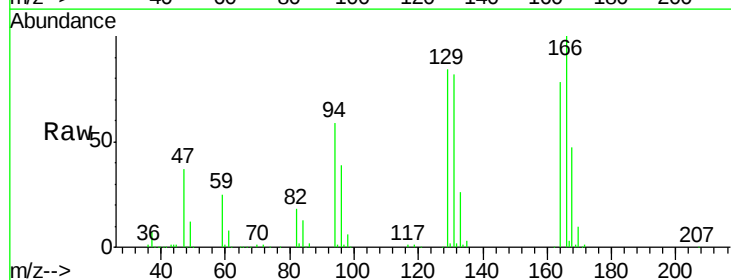
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

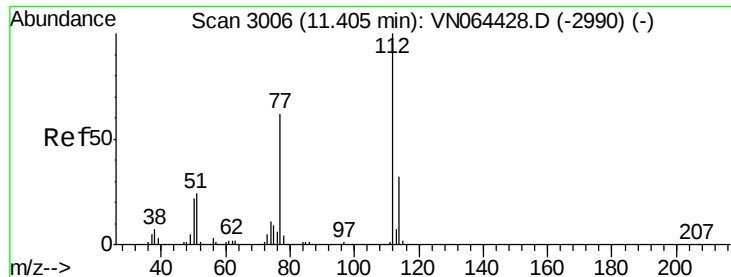
Tot Ion:117 Resp: 508559
Ion Ratio Lower Upper
117 100
82 60.8 48.1 72.1
119 33.5 26.2 39.4



#64
Tetrachloroethene
Concen: 46.318 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion:164 Resp: 181449
Ion Ratio Lower Upper
164 100
166 128.6 98.2 147.2
129 108.4 84.6 127.0
131 104.9 82.2 123.2

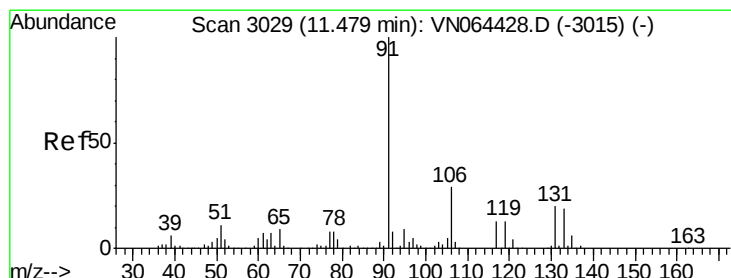
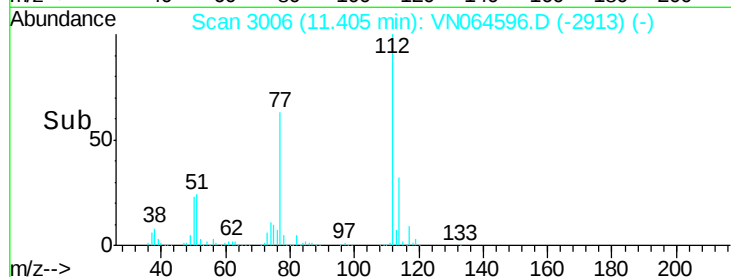
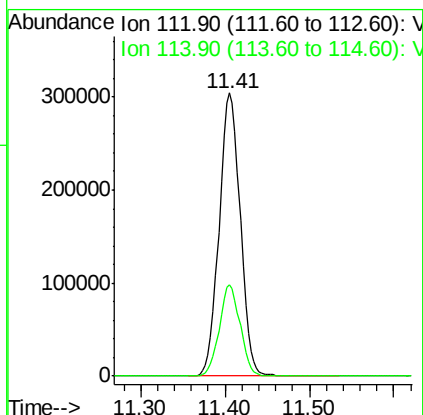
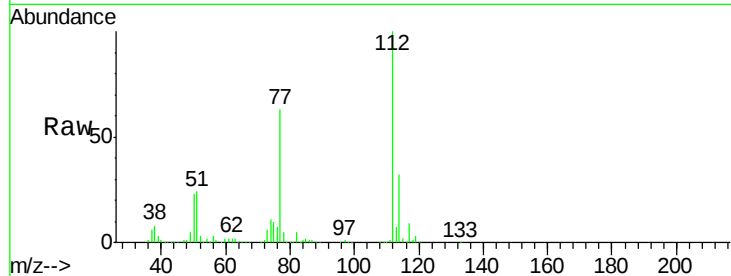




#65
Chlorobenzene
Concen: 47.515 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

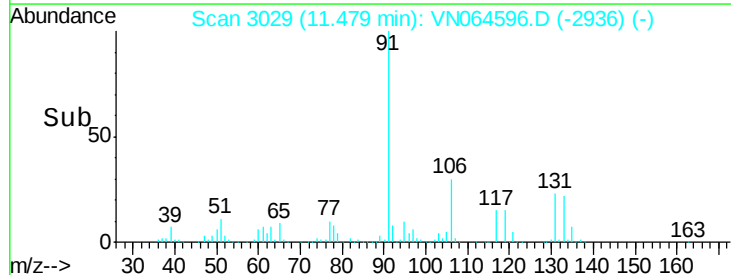
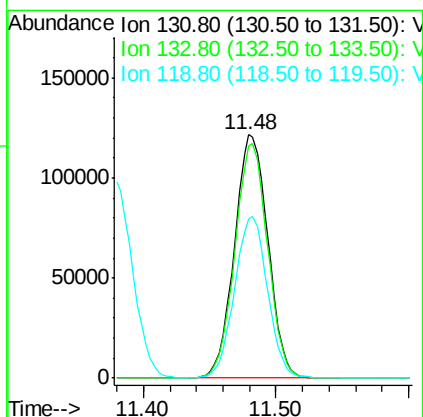
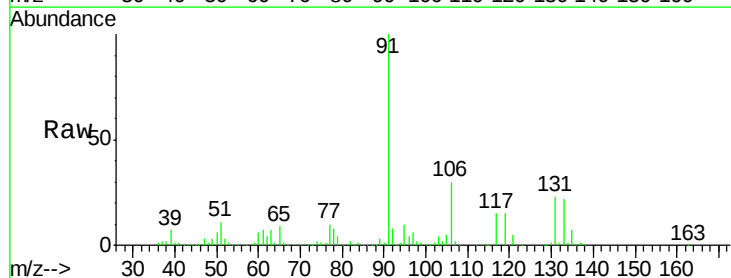
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

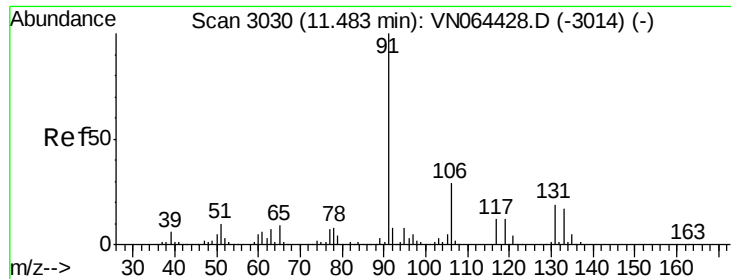
Tot Ion:112 Resp: 529733
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.230 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion:131 Resp: 213074
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.7
119 65.6 32.1 96.5

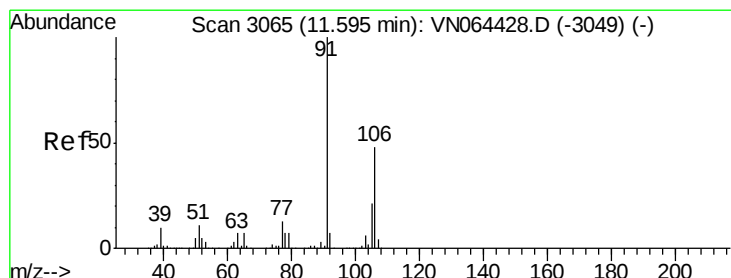
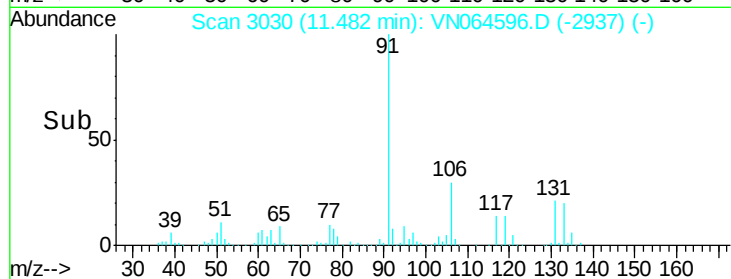
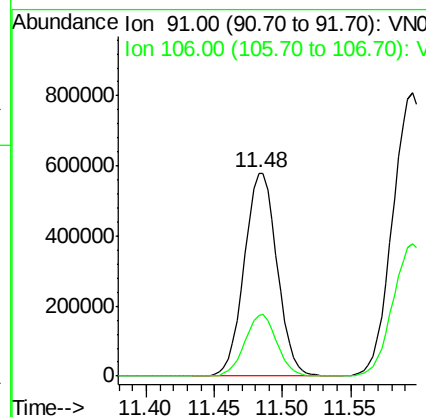
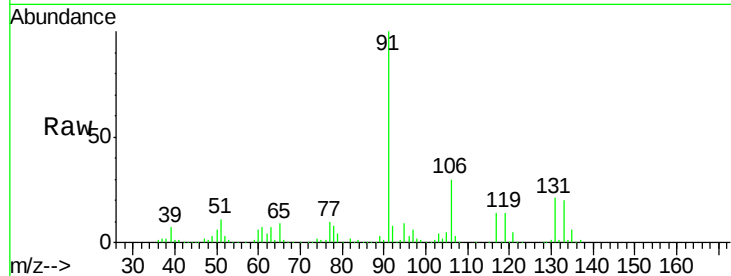




#67
Ethyl Benzene
Concen: 48.924 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

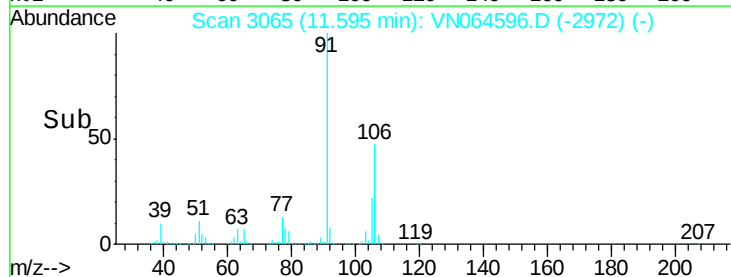
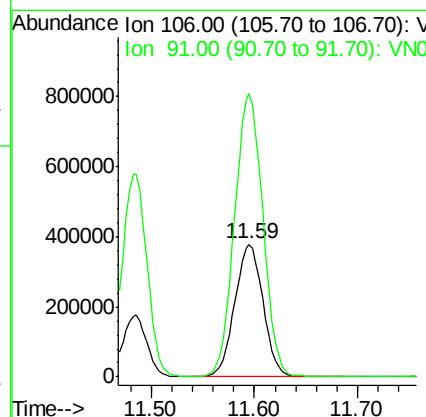
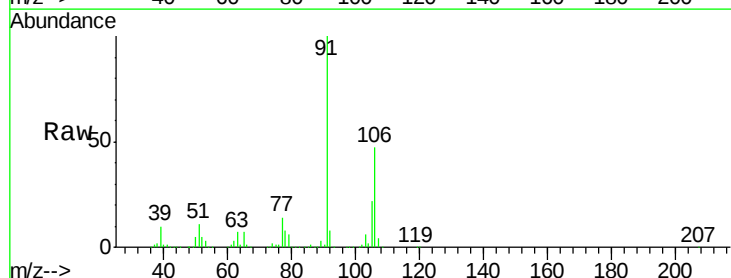
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

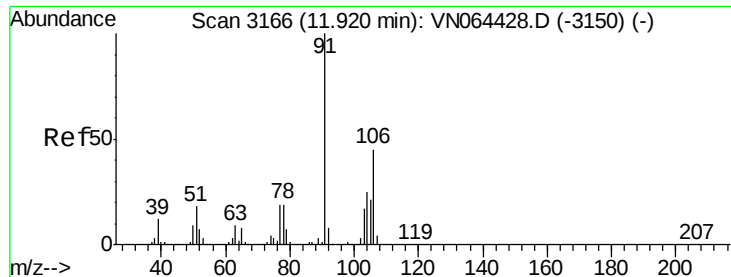
Tot Ion: 91 Resp: 970191
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 100.357 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 106 Resp: 721748
Ion Ratio Lower Upper
106 100
91 215.0 169.4 254.2

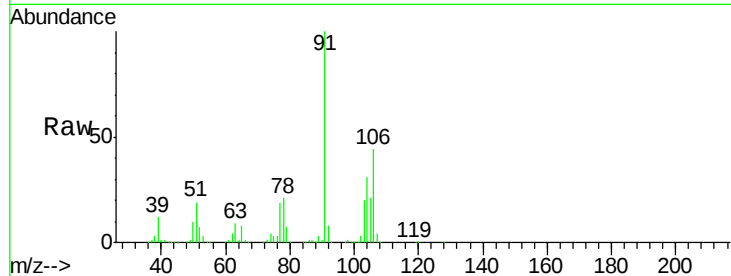




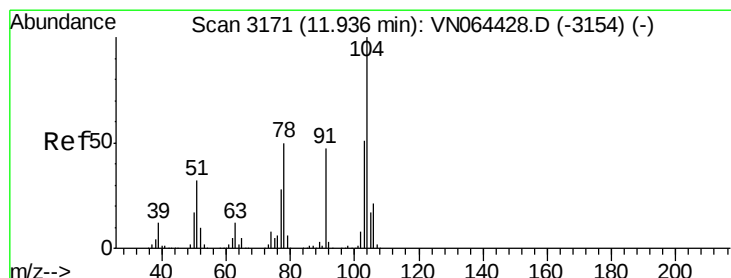
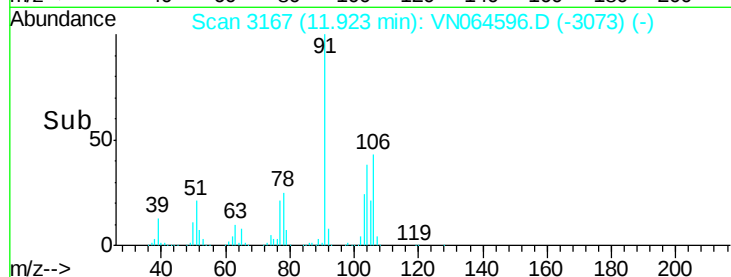
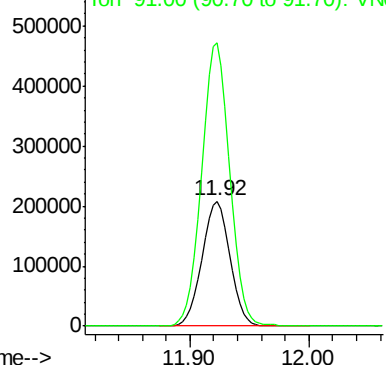
#69
o-Xylene
Concen: 48.880 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 339691
Ion Ratio Lower Upper
106 100
91 226.3 111.7 334.9

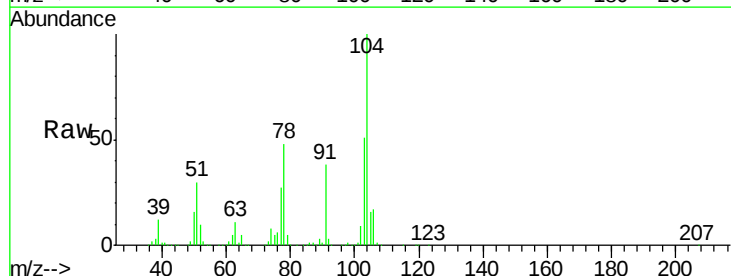


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

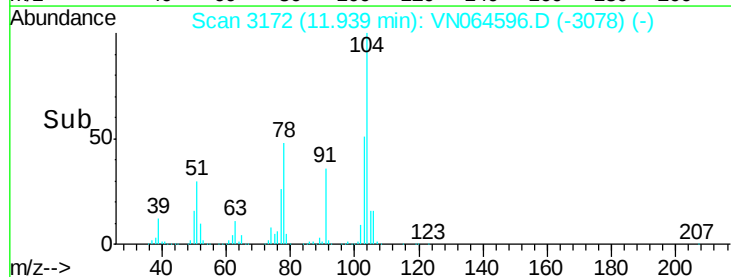
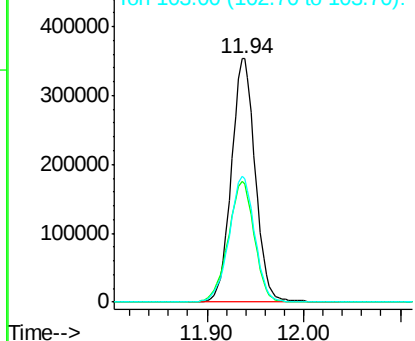


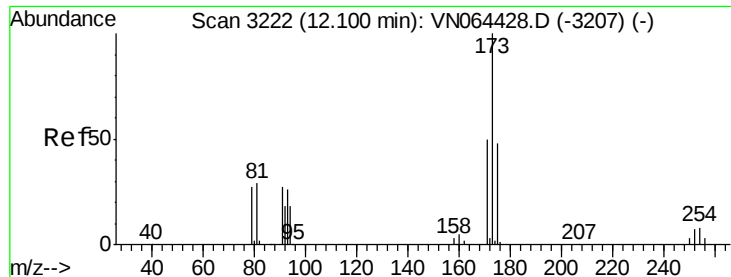
#70
Styrene
Concen: 51.704 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion:104 Resp: 604638
Ion Ratio Lower Upper
104 100
78 54.4 44.0 66.0
103 55.4 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.679 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

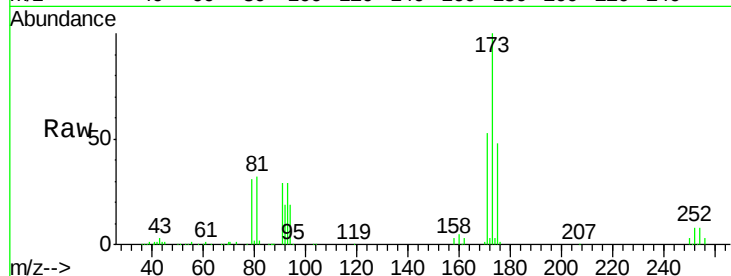
Tot Ion:173 Resp: 158325

Ion Ratio Lower Upper

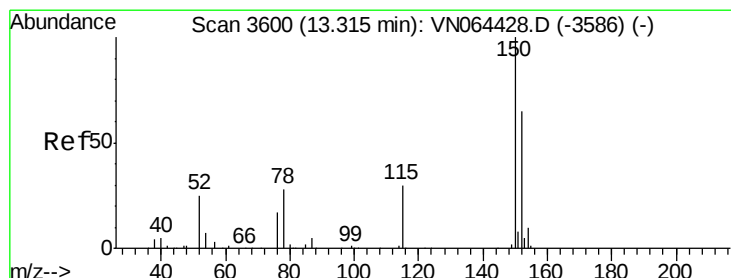
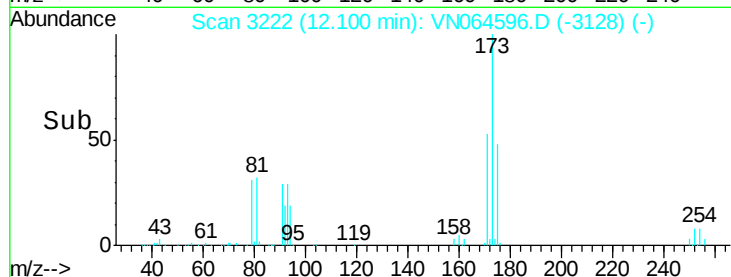
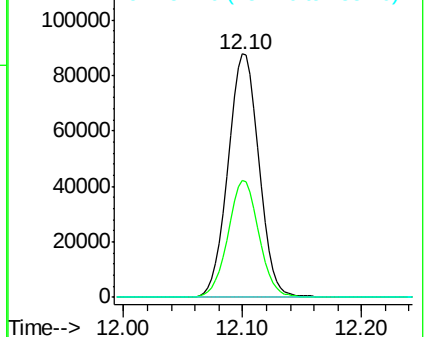
173 100

175 48.1 23.7 71.1

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: VN064596.D

Acq: 12 Nov 2020 21:17

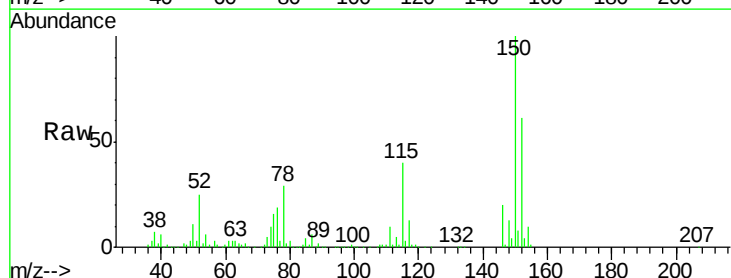
Tgt Ion:152 Resp: 248074

Ion Ratio Lower Upper

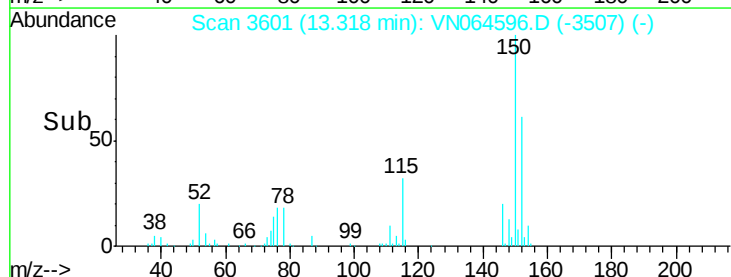
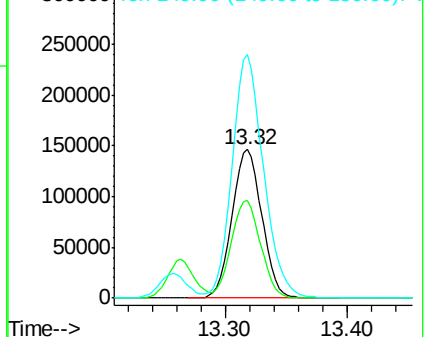
152 100

115 65.7 32.0 96.0

150 172.3 0.0 353.8



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: 45.691 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

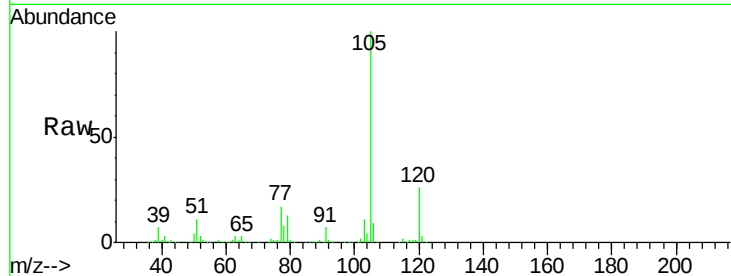
VSTDCCC050EC

Tot Ion:105 Resp: 900924

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

600000

500000

400000

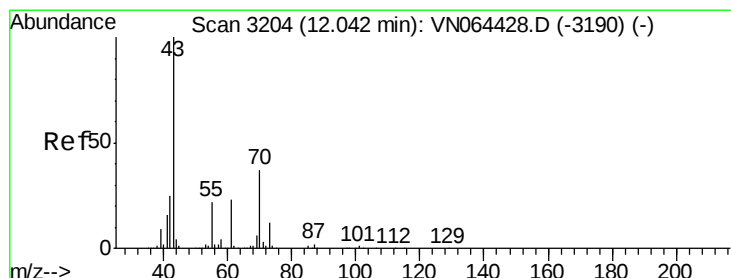
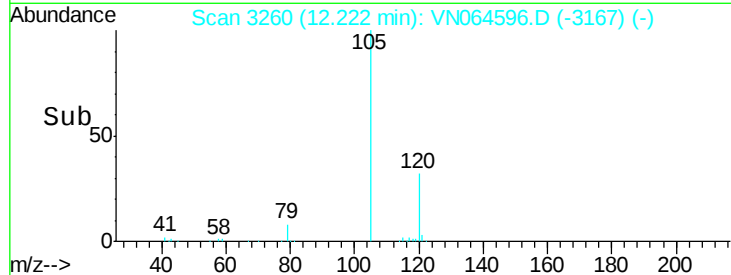
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 43.883 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion: 43 Resp: 418201

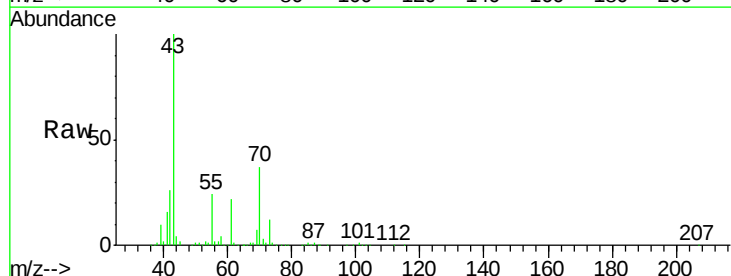
Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 24.7 18.4 27.6

61 21.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

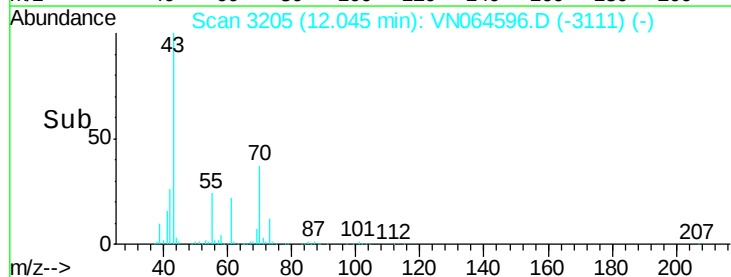
300000

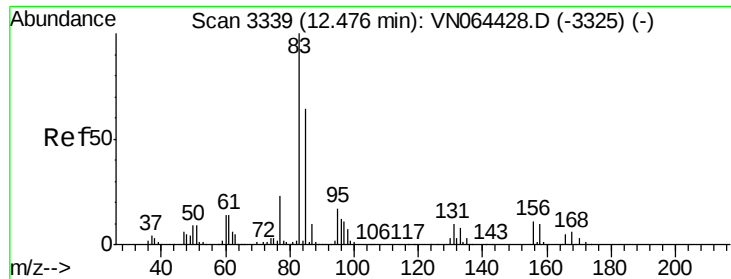
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.985 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

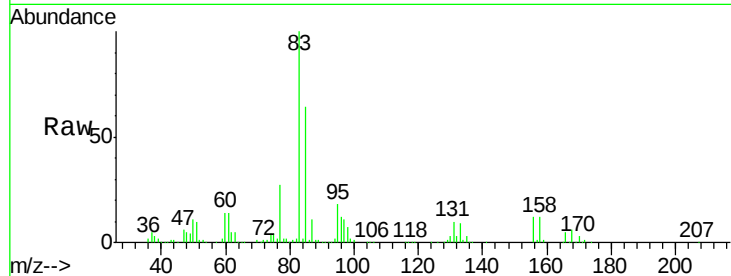
Tot Ion: 83 Resp: 302725

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

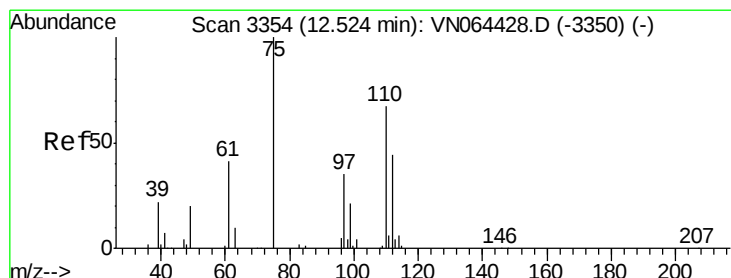
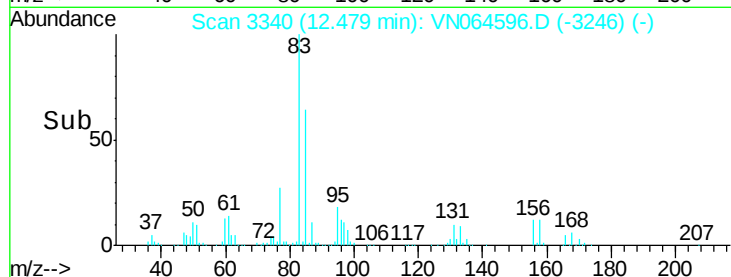
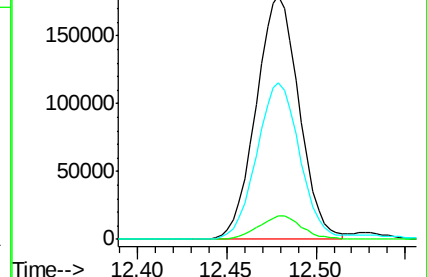
85 64.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 68.983 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064596.D

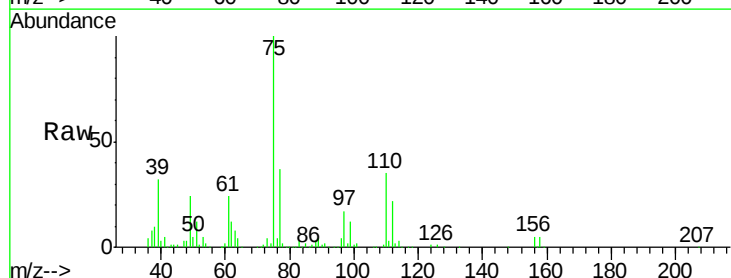
Acq: 12 Nov 2020 21:17

Tgt Ion: 75 Resp: 414632

Ion Ratio Lower Upper

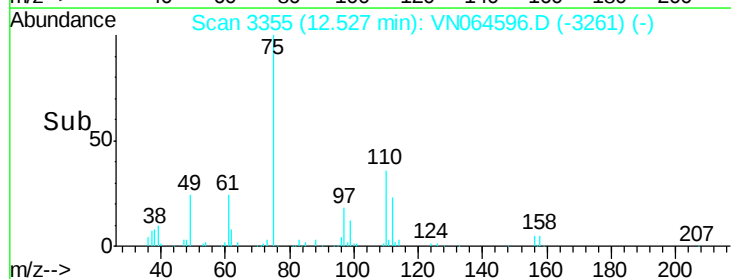
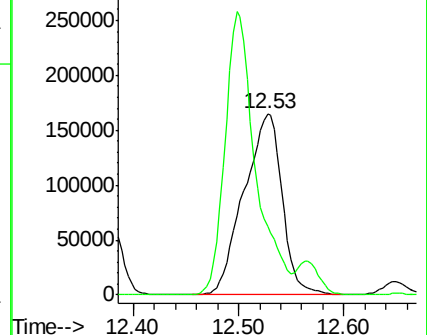
75 100

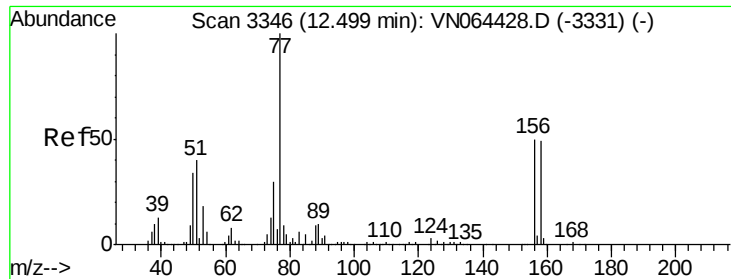
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)

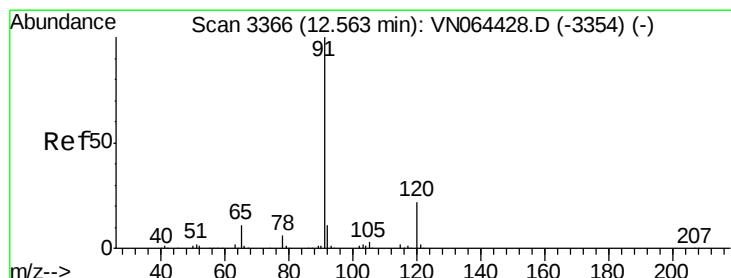
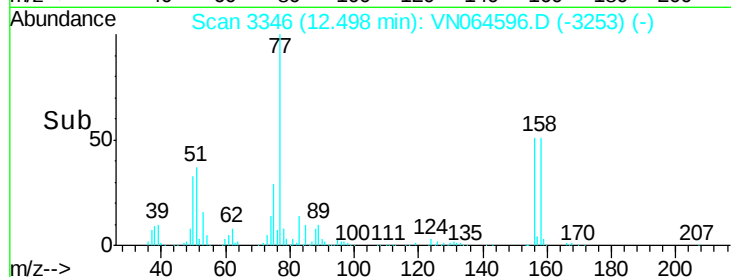
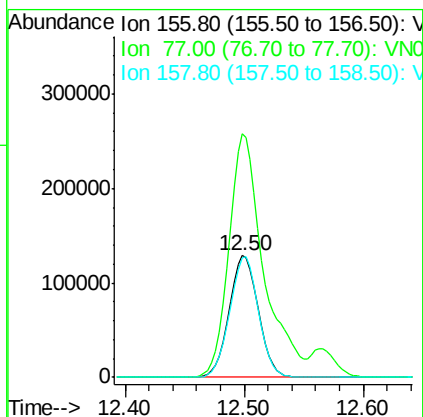
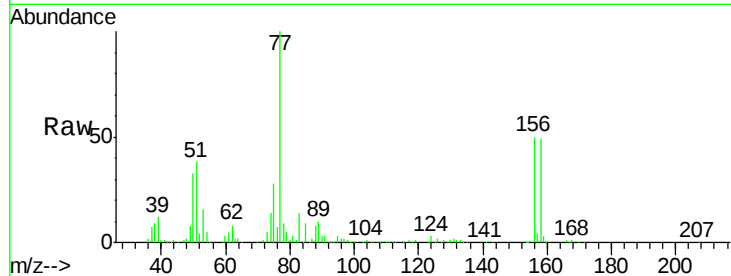




#77
Bromobenzene
Concen: 45.407 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

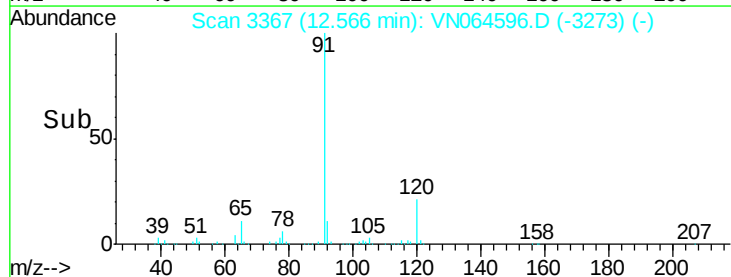
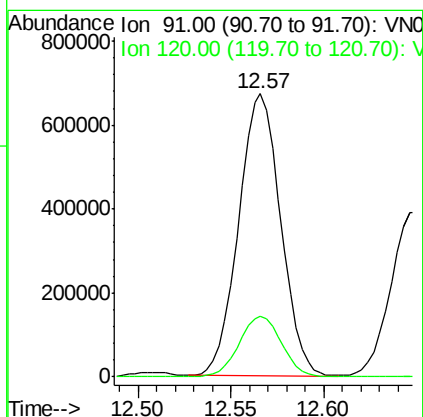
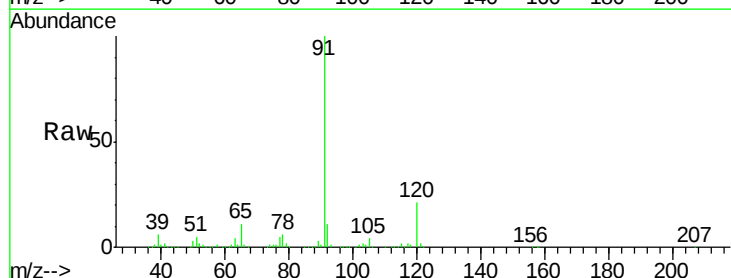
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

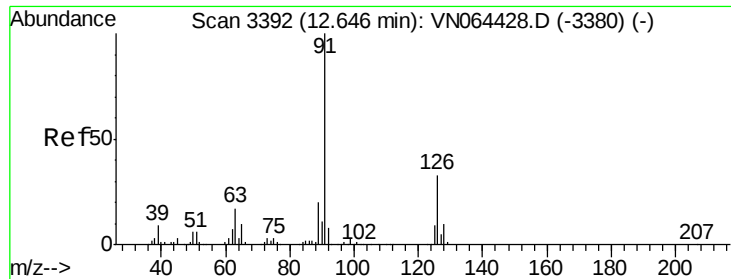
Tot Ion:156 Resp: 218587
Ion Ratio Lower Upper
156 100
77 237.2 119.0 357.0
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 46.876 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 91 Resp: 1053751
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0

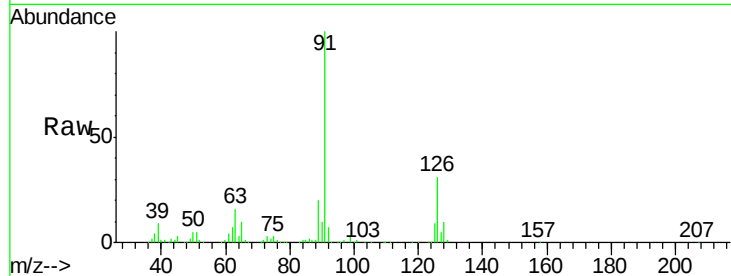




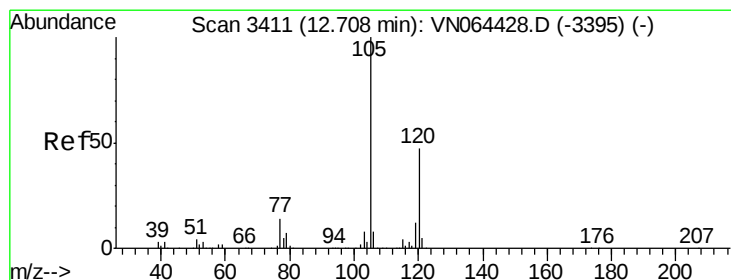
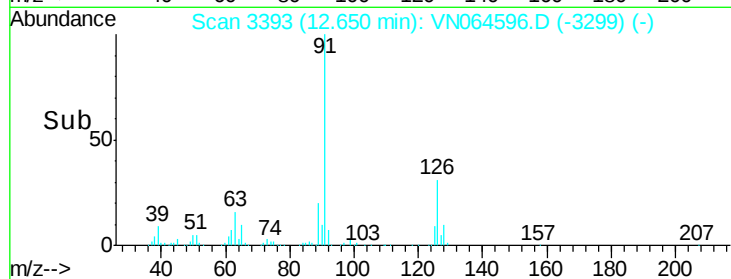
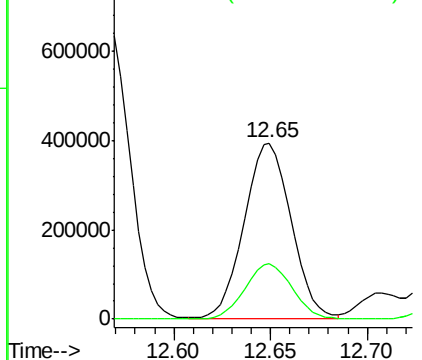
#79
 2-Chlorotoluene
 Concen: 46.456 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 662346
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.1

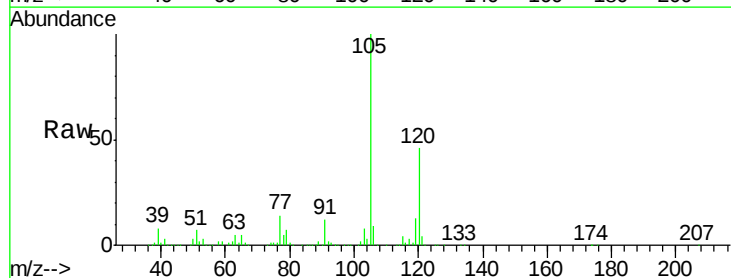


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)

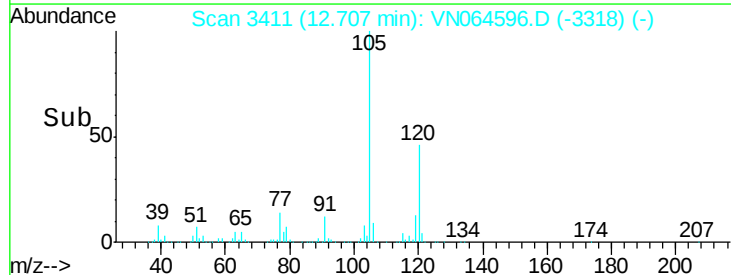
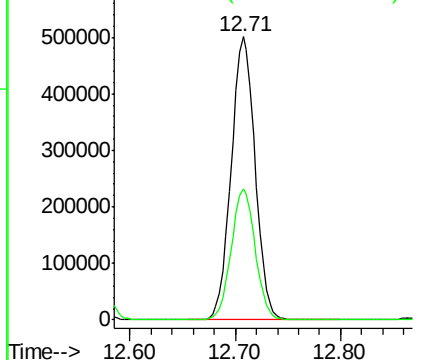


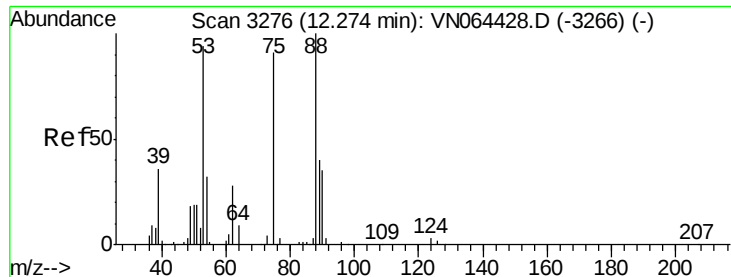
#80
 1,3,5-Trimethylbenzene
 Concen: 48.006 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 105 Resp: 780890
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)
 Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.824 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

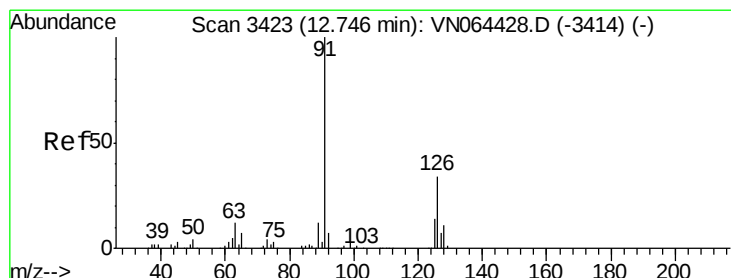
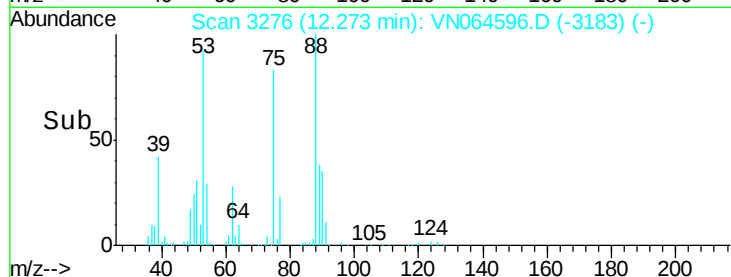
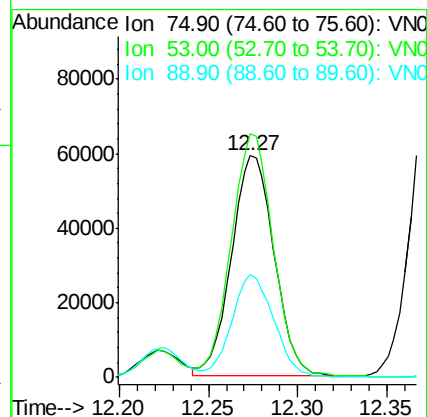
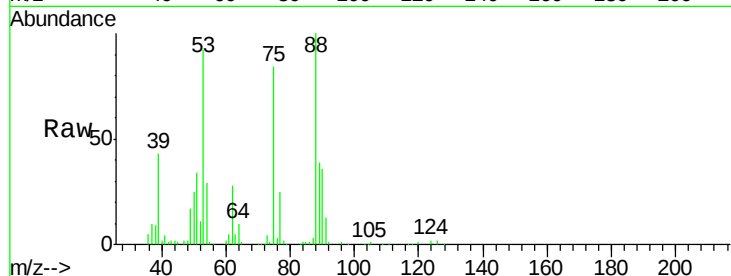
Tot Ion: 75 Resp: 98645

Ion Ratio Lower Upper

75 100

53 109.9 84.0 126.0

89 46.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 46.758 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064596.D

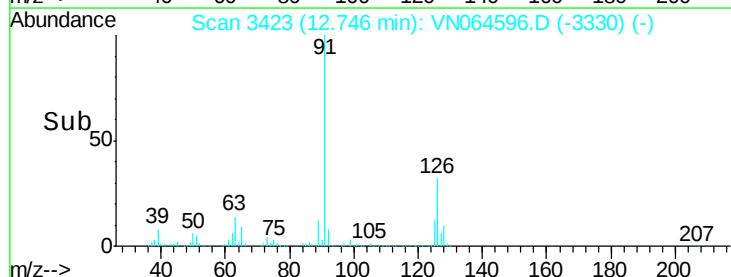
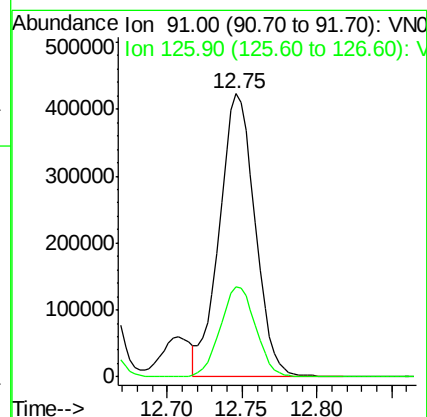
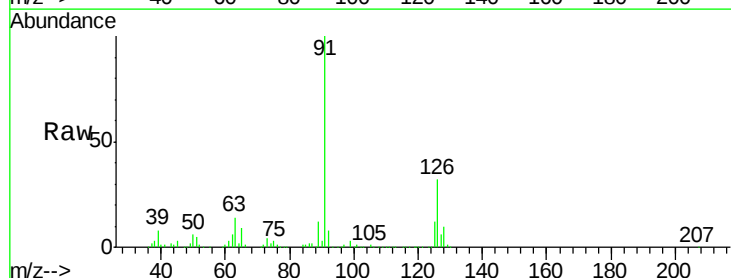
Acq: 12 Nov 2020 21:17

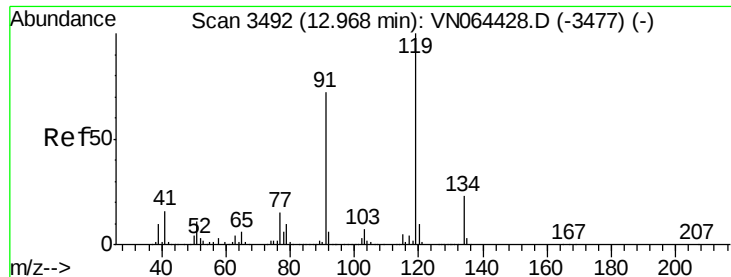
Tgt Ion: 91 Resp: 698164

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.2

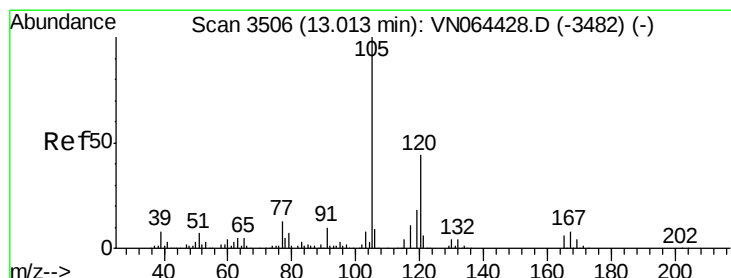
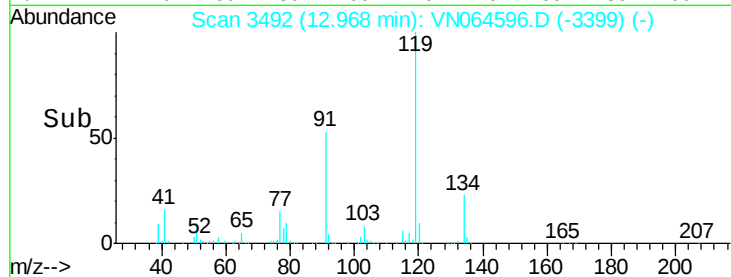
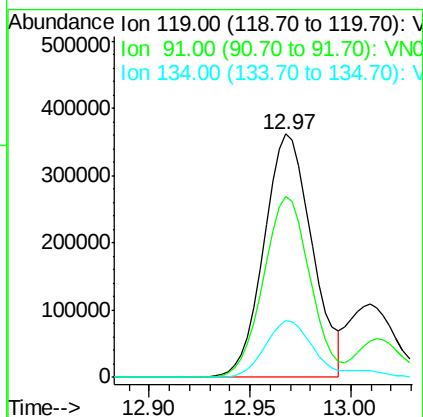
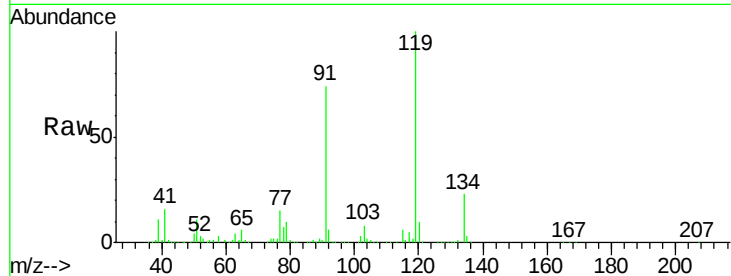




#83
 tert-Butylbenzene
 Concen: 47.243 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

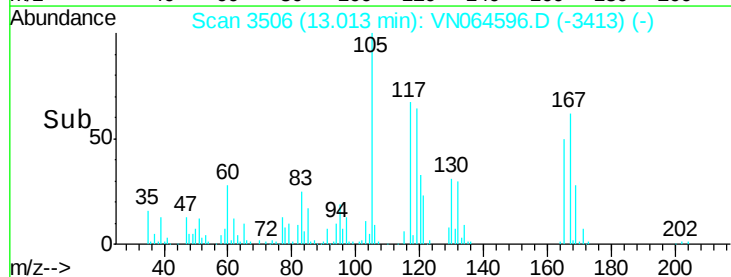
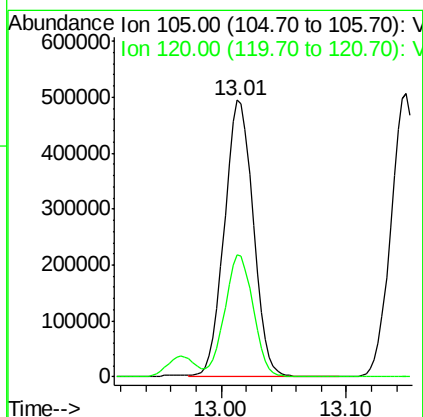
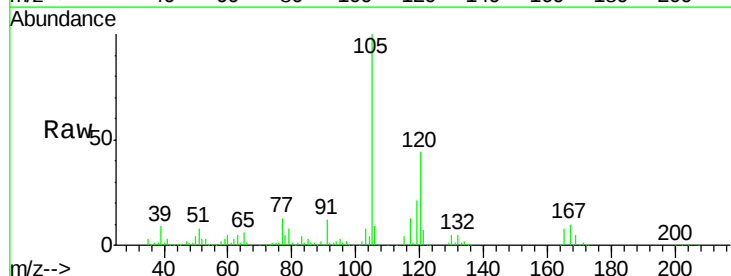
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

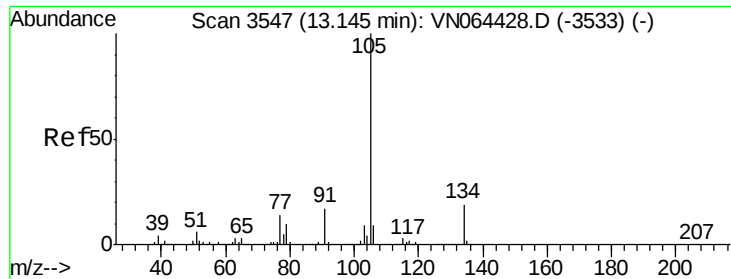
Tot Ion:119 Resp: 600190
 Ion Ratio Lower Upper
 119 100
 91 72.1 36.1 108.3
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.124 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion:105 Resp: 786946
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.9 65.7





#85

sec-Butylbenzene

Concen: 49.183 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

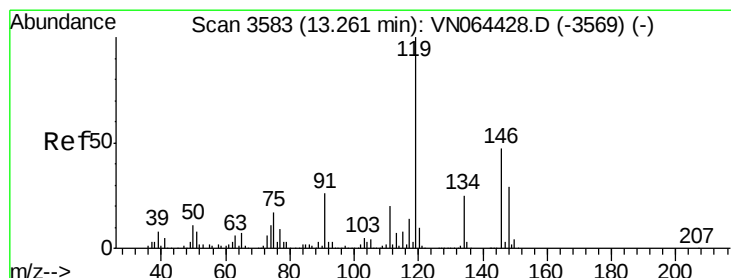
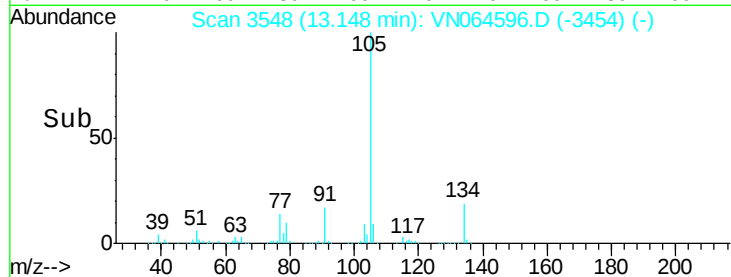
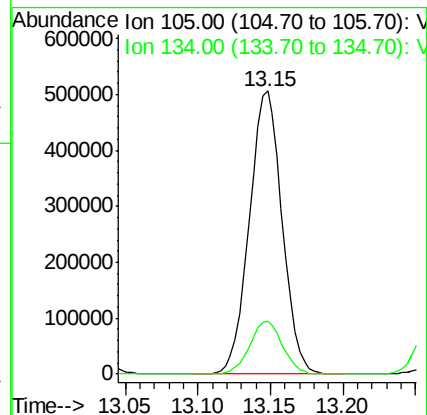
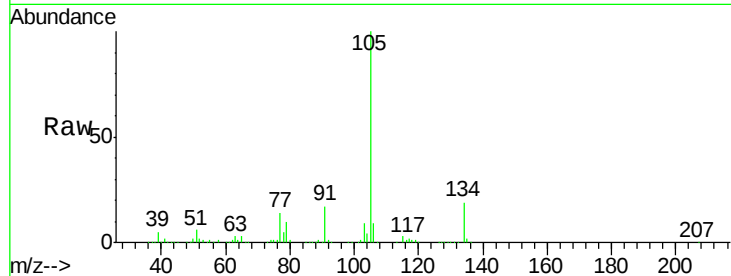
VSTDCCC050EC

Tot Ion:105 Resp: 791340

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



#86

p-Isopropyltoluene

Concen: 49.157 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

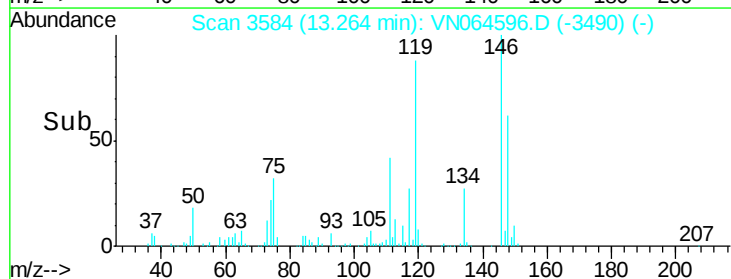
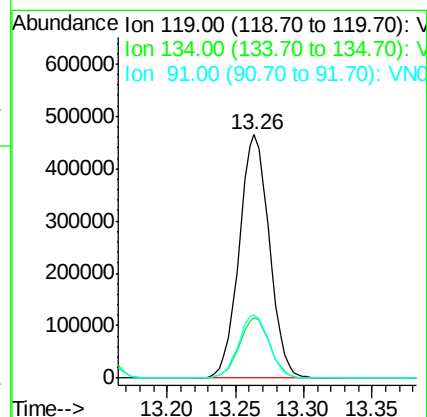
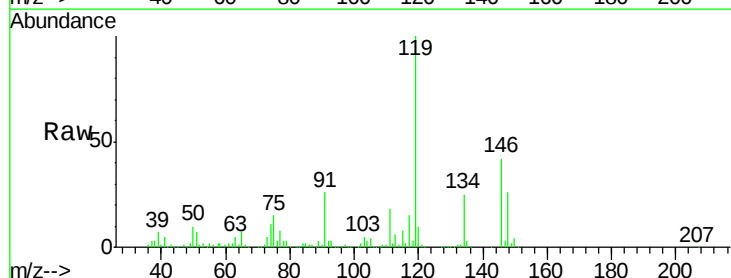
Tgt Ion:119 Resp: 711415

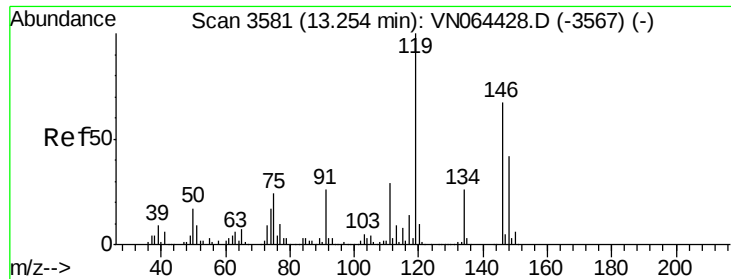
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

91 26.3 12.8 38.3

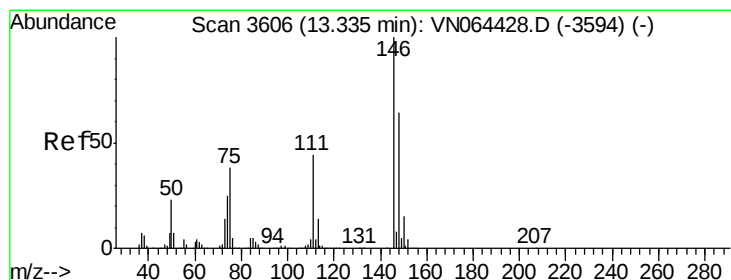
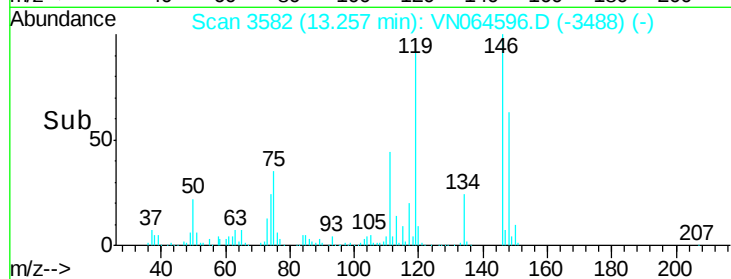
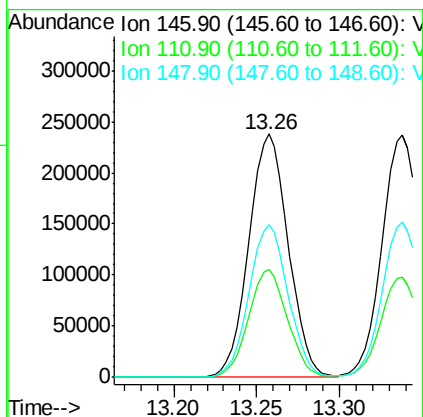
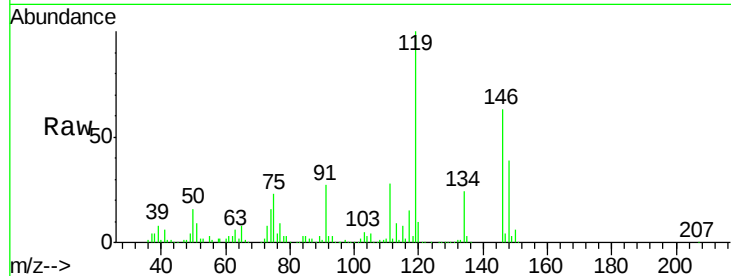




#87
 1,3-Dichlorobenzene
 Concen: 47.250 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

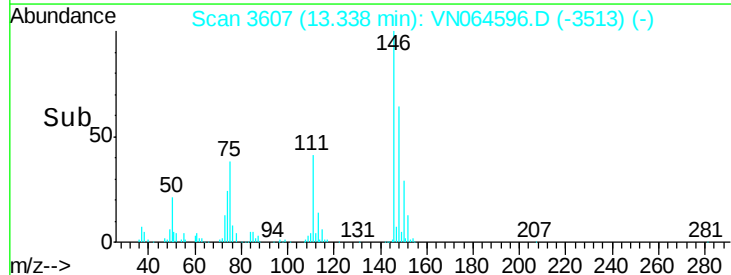
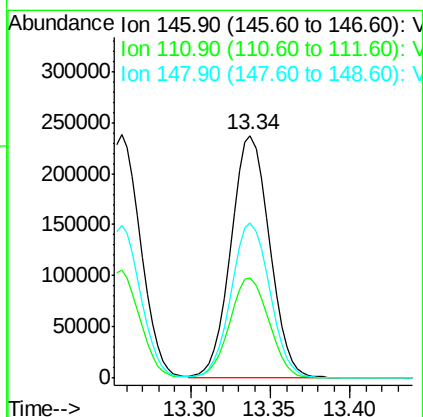
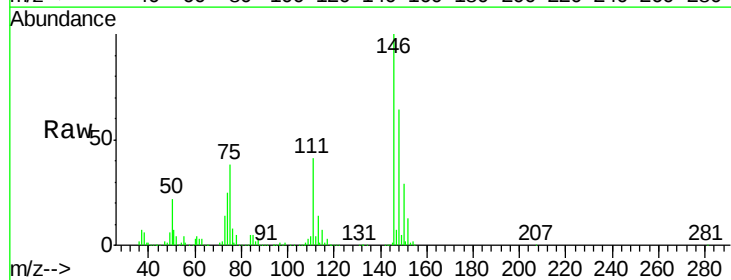
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

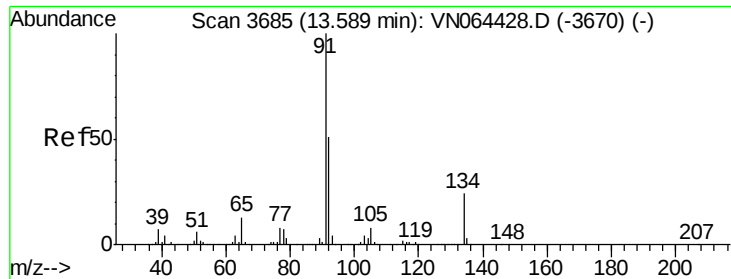
Tot Ion:146 Resp: 393196
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.1 66.1
 148 62.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 45.124 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion:146 Resp: 388050
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.3
 148 64.3 32.4 97.2

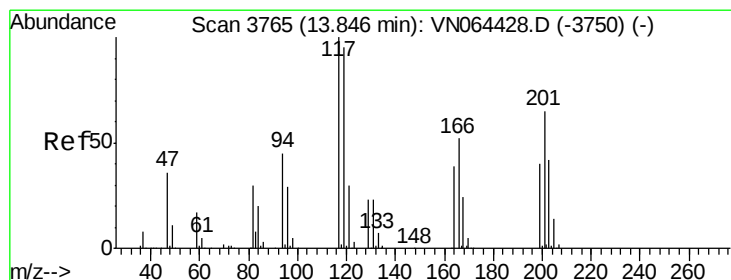
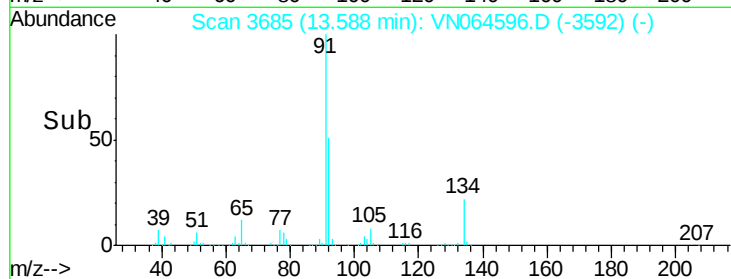
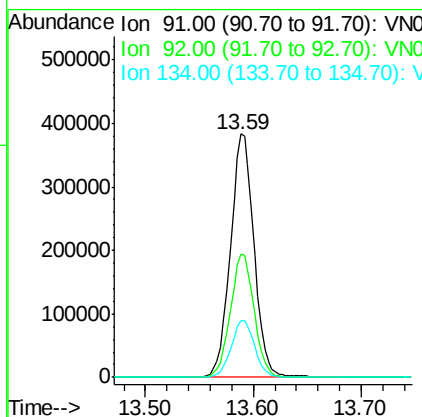
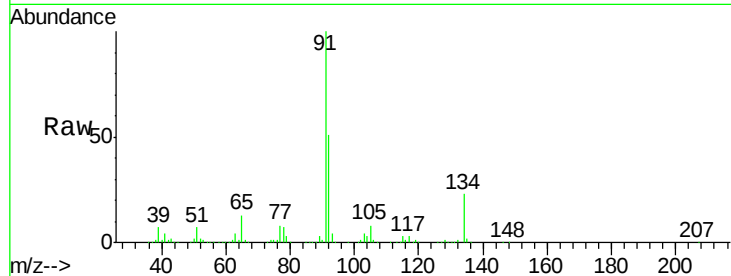




#89
n-Butylbenzene
Concen: 47.160 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

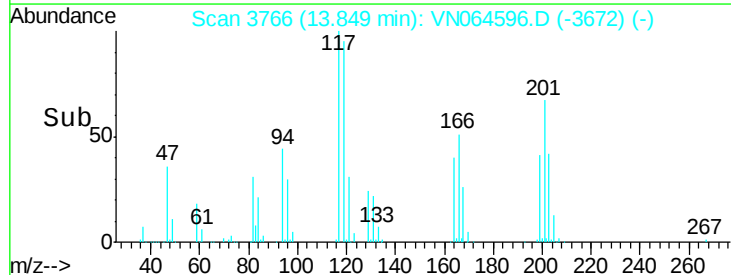
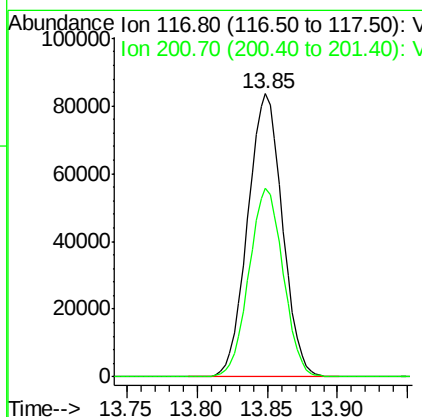
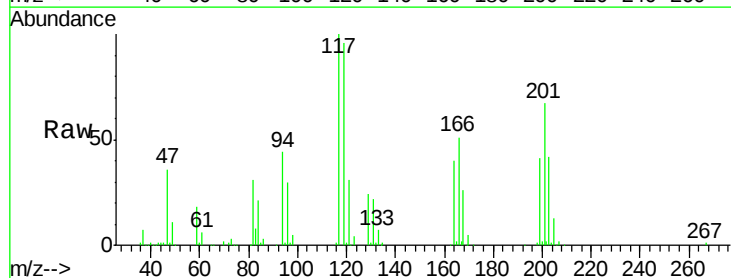
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

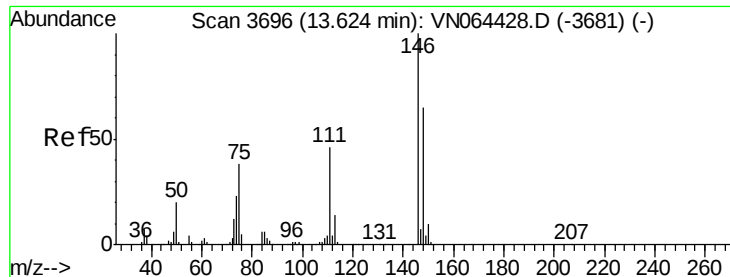
Tot Ion: 91 Resp: 586825
Ion Ratio Lower Upper
91 100
92 50.9 25.3 75.9
134 23.3 11.8 35.4



#90
Hexachloroethane
Concen: 51.631 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 117 Resp: 144144
Ion Ratio Lower Upper
117 100
201 65.5 32.5 97.5

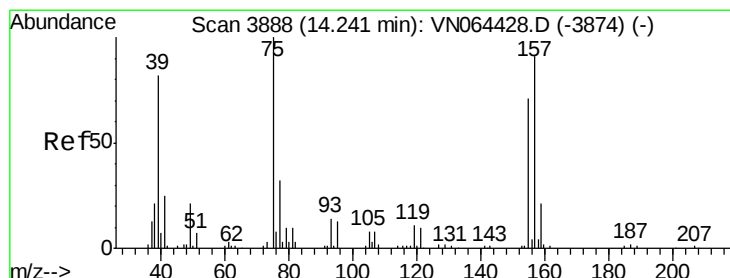
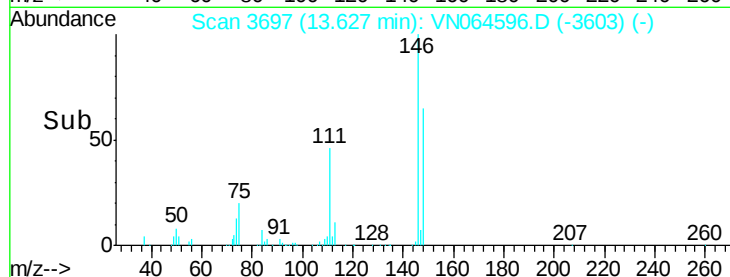
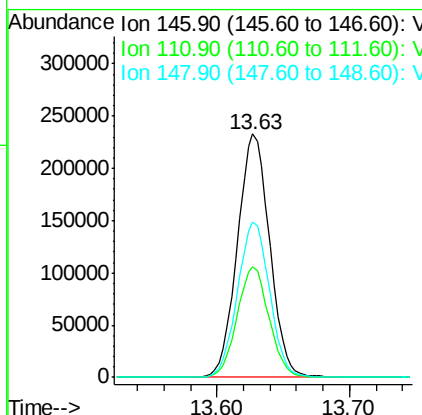
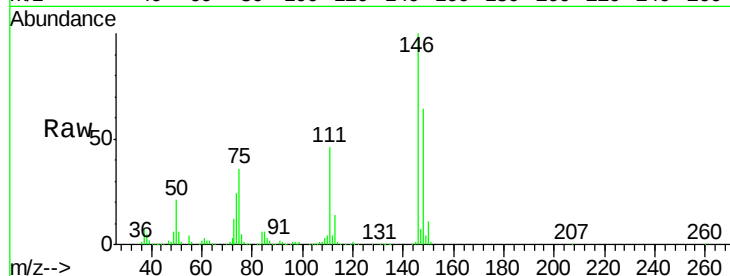




#91
 1,2-Dichlorobenzene
 Concen: 49.315 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

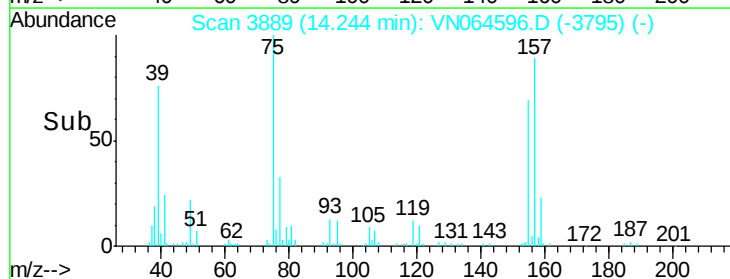
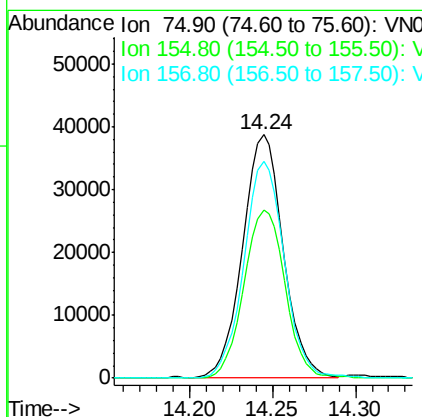
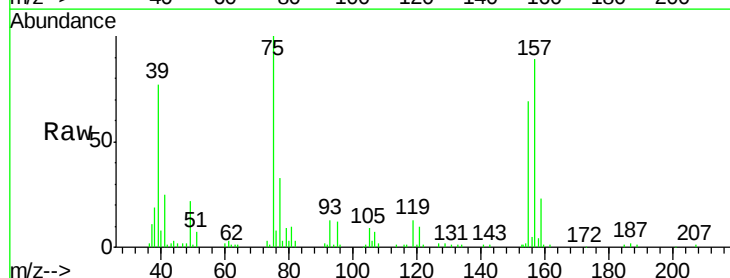
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

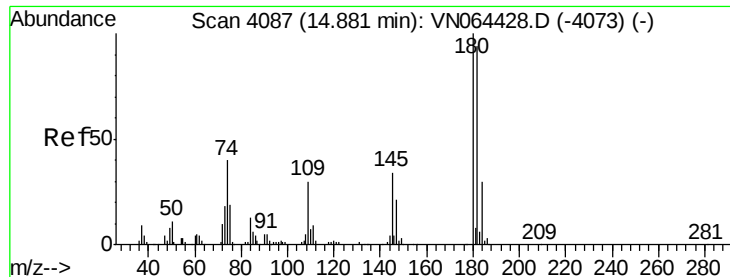
Tot Ion:146 Resp: 394743
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.9 68.7
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.006 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 75 Resp: 66326
 Ion Ratio Lower Upper
 75 100
 155 69.8 34.6 103.9
 157 88.4 43.0 128.8

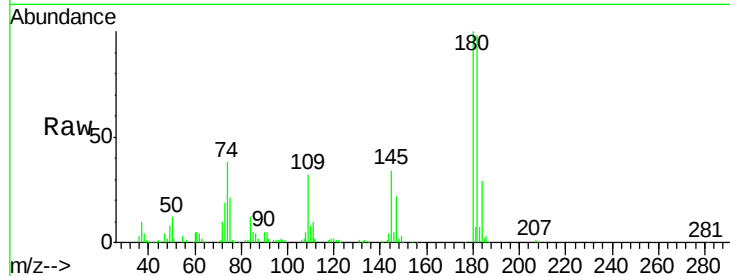




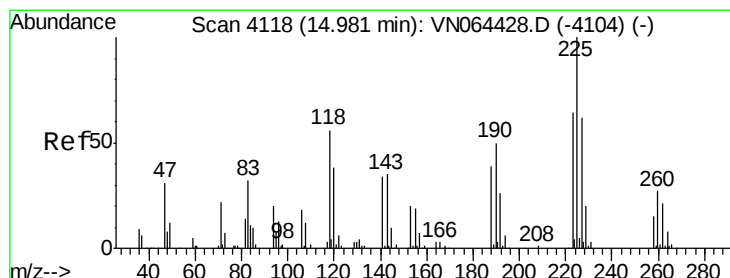
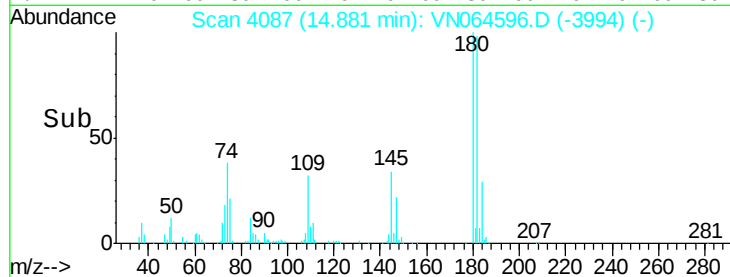
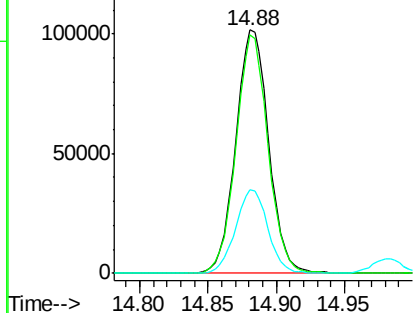
#93
 1,2,4-Trichlorobenzene
 Concen: 43.221 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 170533
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 33.6 16.7 50.1

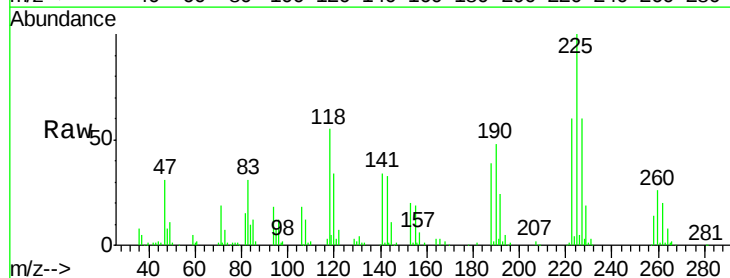


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

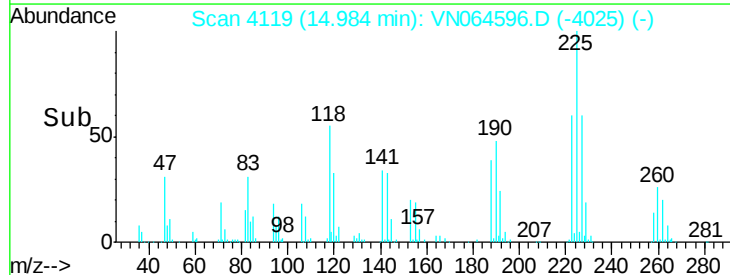
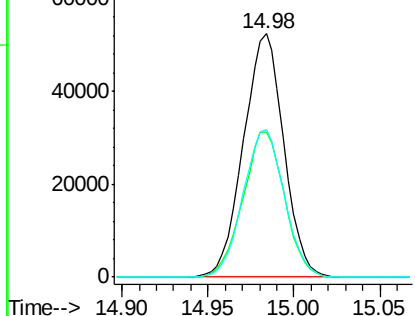


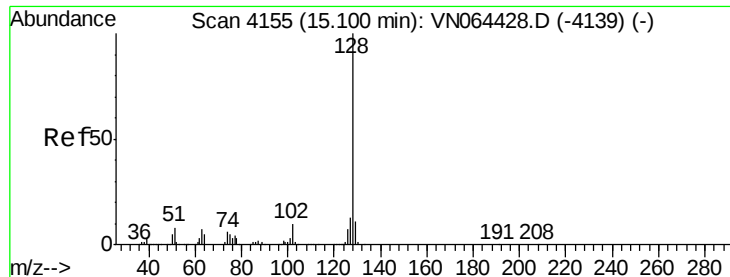
#94
 Hexachlorobutadiene
 Concen: 52.388 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion:225 Resp: 85379
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.8 95.4
 227 61.9 31.8 95.4



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





#95

Naphthalene

Concen: 42.553 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

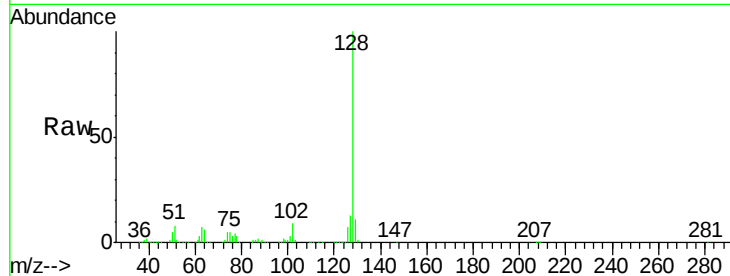
Tot Ion:128 Resp: 571062

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

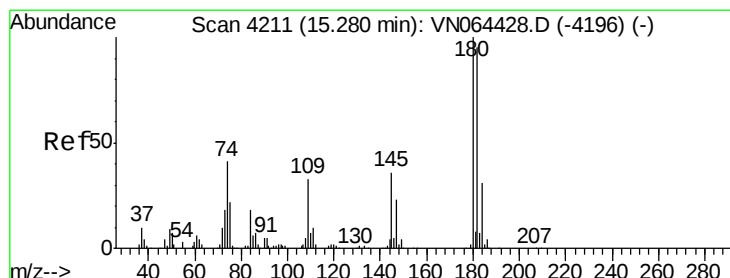
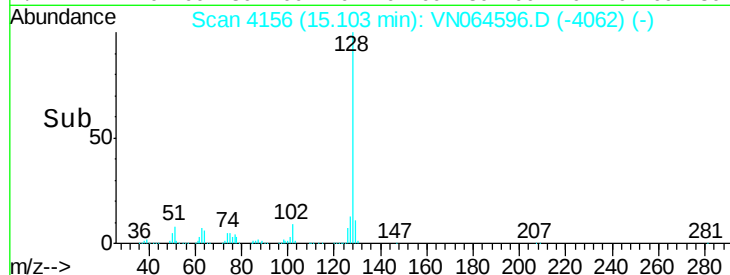
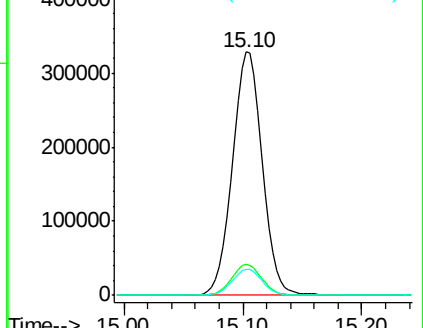
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.549 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

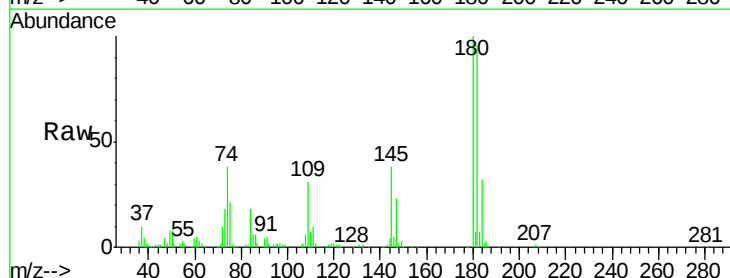
Tgt Ion:180 Resp: 174411

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

145 36.4 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

