

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064621.D
 Acq On : 13 Nov 2020 8:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 08:54:51 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	290135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	257665	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	179401	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.06	98	671651	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.38	95	254118	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	167133	44.252	ug/l	100
3) Chloromethane	2.04	50	199857	43.566	ug/l	98
4) Vinyl Chloride	2.17	62	219706	46.638	ug/l	99
5) Bromomethane	2.53	94	154303	51.272	ug/l	99
6) Chloroethane	2.67	64	153050	50.744	ug/l	99
7) Trichlorofluoromethane	2.99	101	363528	52.406	ug/l	100
8) Diethyl Ether	3.37	74	129687	52.941	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154167	46.801	ug/l	98
10) Methyl Iodide	3.91	142	203957	53.285	ug/l	99
11) Tert butyl alcohol	4.75	59	145037	260.240	ug/l	99
12) 1,1-Dichloroethene	3.69	96	148288	47.790	ug/l	94
13) Acrolein	3.57	56	81743	236.458	ug/l	97
14) Allyl chloride	4.28	41	270464	44.558	ug/l	99
15) Acrylonitrile	4.94	53	439119	283.003	ug/l	99
16) Acetone	3.78	43	422026	219.229	ug/l	100
17) Carbon Disulfide	4.01	76	427950	46.119	ug/l	98
18) Methyl Acetate	4.28	43	250185	66.106	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	566192	50.699	ug/l	97
20) Methylene Chloride	4.51	84	183397	48.017	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	171943	48.804	ug/l	99
22) Diisopropyl ether	5.91	45	639893	49.662	ug/l	99
23) Vinyl Acetate	5.85	43	2558320	244.071	ug/l	98
24) 1,1-Dichloroethane	5.80	63	351050	49.581	ug/l	99
25) 2-Butanone	6.79	43	632218	257.755	ug/l	99
26) 2,2-Dichloropropane	6.78	77	209623	32.705	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	201642	49.393	ug/l	93
28) Bromochloromethane	7.15	49	173750	49.925	ug/l	100
29) Tetrahydrofuran	7.17	42	415034	275.799	ug/l	97
30) Chloroform	7.33	83	382588	51.406	ug/l	100
31) Cyclohexane	7.61	56	262757	42.771	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	338110	51.220	ug/l	99
36) 1,1-Dichloropropene	7.75	75	261257	45.616	ug/l	97
37) Ethyl Acetate	6.89	43	268296	46.214	ug/l	99
38) Carbon Tetrachloride	7.73	117	293885	48.012	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221291	43.101	ug/l	98
40) Benzene	8.00	78	787150	46.771	ug/l	100
41) Methacrylonitrile	7.13	41	129286	50.916	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	331105	48.750	ug/l	98
43) Isopropyl Acetate	8.13	43	457804	49.323	ug/l	100
44) Trichloroethene	8.80	130	197217	46.446	ug/l	96
45) 1,2-Dichloropropane	9.08	63	216930	48.307	ug/l	98
46) Dibromomethane	9.17	93	151854	51.369	ug/l	97
47) Bromodichloromethane	9.37	83	321401	50.565	ug/l	99
48) Methyl methacrylate	9.17	41	241452	51.553	ug/l	99
49) 1,4-Dioxane	9.17	88	62083	1006.386	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1480681	273.552	ug/l	100
52) Toluene	10.13	92	498787	48.592	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	322087	47.796	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	321925	44.681	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	199094	49.733	ug/l	99
56) Ethyl methacrylate	10.40	69	296352	45.178	ug/l	99
57) 1,3-Dichloropropane	10.68	76	351074	50.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	789073	253.234	ug/l	97
59) 2-Hexanone	10.72	43	1064282	241.268	ug/l	100
60) Dibromochloromethane	10.87	129	237399	52.967	ug/l	98
61) 1,2-Dibromoethane	10.97	107	213402	52.555	ug/l	98
64) Tetrachloroethene	10.60	164	185918	47.767	ug/l	97
65) Chlorobenzene	11.41	112	525287	47.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	210899	51.036	ug/l	99
67) Ethyl Benzene	11.48	91	971502	49.308	ug/l	99
68) m/p-Xylenes	11.59	106	716681	100.299	ug/l	98
69) o-Xylene	11.92	106	338410	49.011	ug/l	99
70) Styrene	11.94	104	602829	51.884	ug/l	99
71) Bromoform	12.10	173	158182	50.955	ug/l #	99
73) Isopropylbenzene	12.22	105	899040	46.695	ug/l	99
74) N-amyl acetate	12.05	43	406653	43.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	297321	50.276	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	394957	67.294	ug/l #	100
77) Bromobenzene	12.50	156	217451	46.260	ug/l	99
78) n-propylbenzene	12.57	91	1043446	47.536	ug/l	100
79) 2-Chlorotoluene	12.65	91	654548	47.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	769801	48.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	90324	42.970	ug/l	99
82) 4-Chlorotoluene	12.75	91	685171	46.994	ug/l	100
83) tert-Butylbenzene	12.97	119	614089	49.502	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	788433	49.378	ug/l	100
85) sec-Butylbenzene	13.14	105	793112	50.481	ug/l	99
86) p-Isopropyltoluene	13.26	119	708119	50.108	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	380533	46.831	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	391382	46.608	ug/l	98
89) n-Butylbenzene	13.59	91	585998	48.229	ug/l	99
90) Hexachloroethane	13.85	117	144288	52.929	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	390790	49.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63454	53.893	ug/l	98

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QLast Update : Wed Nov 04 12:09:03 2020
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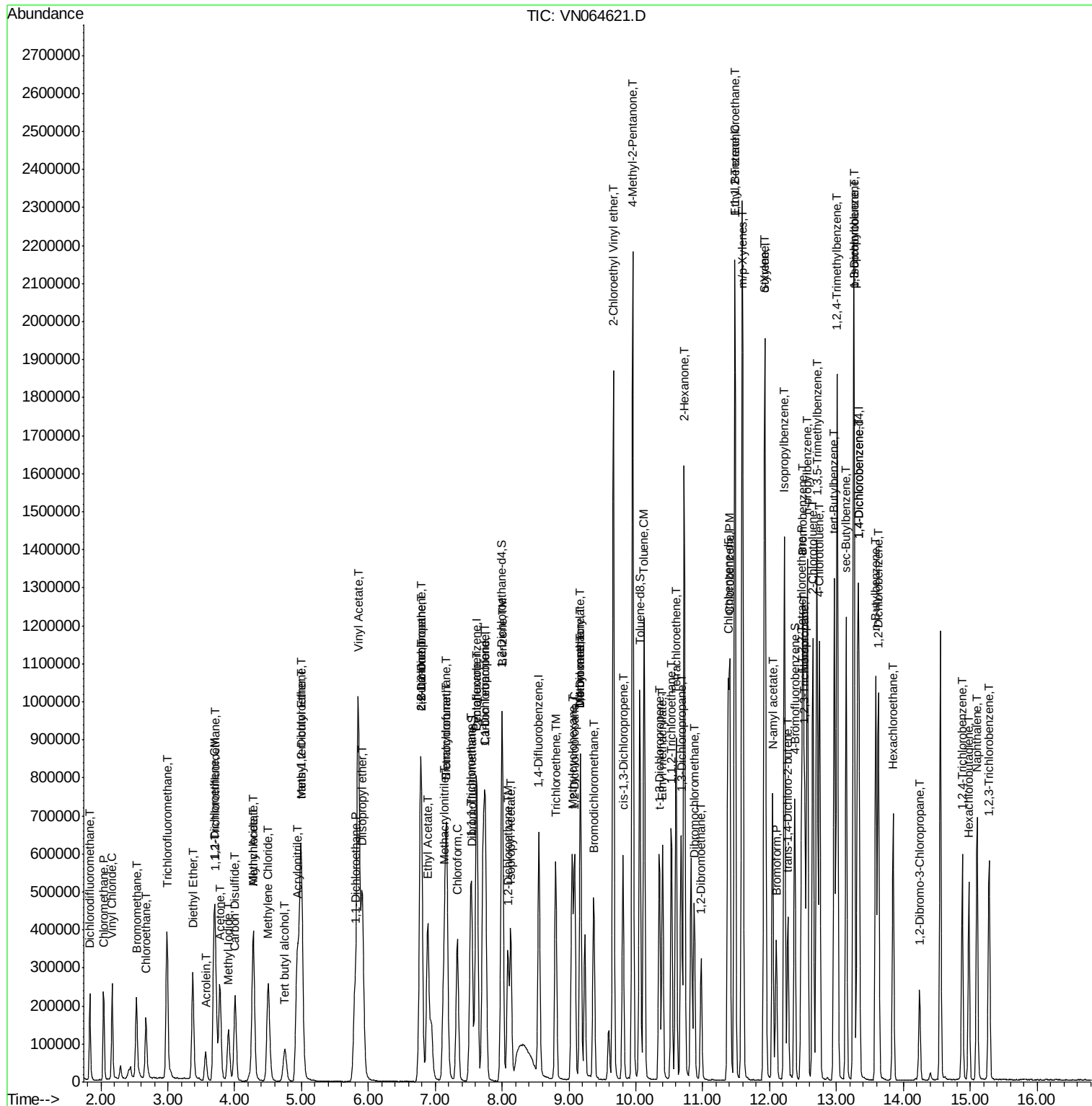
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	168482	43.700	ug/l	99
94) Hexachlorobutadiene	14.98	225	84946	53.379	ug/l	99
95) Naphthalene	15.10	128	562981	42.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	178867	47.700	ug/l	98

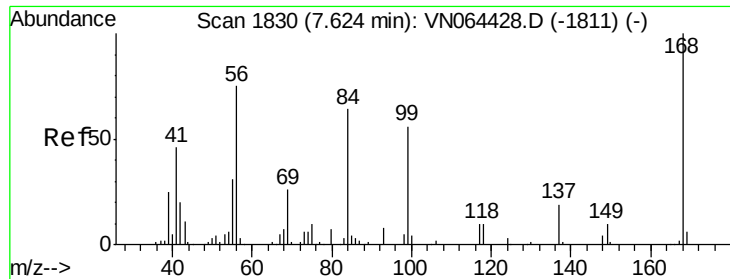
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

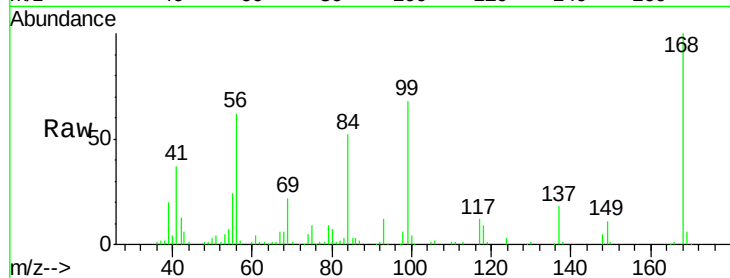
VSTDCCC050EC

Tot Ion:168 Resp: 290135

Ion Ratio Lower Upper

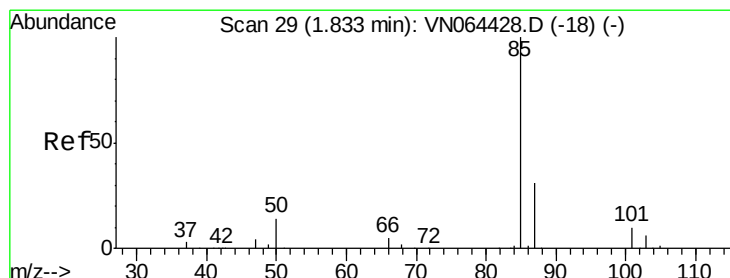
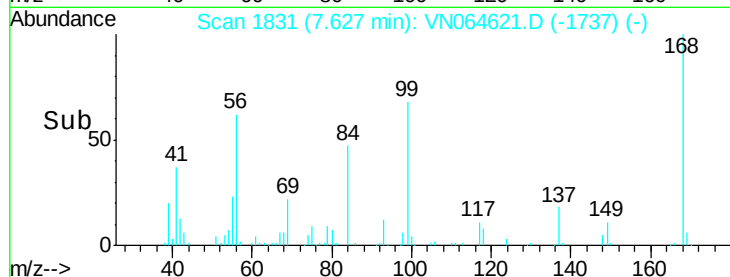
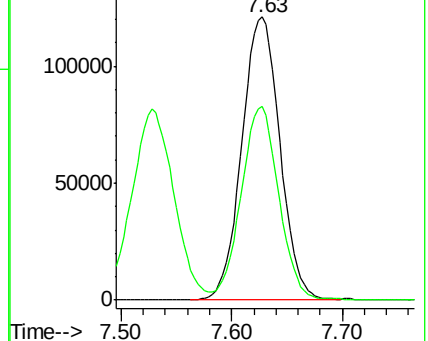
168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.252 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064621.D

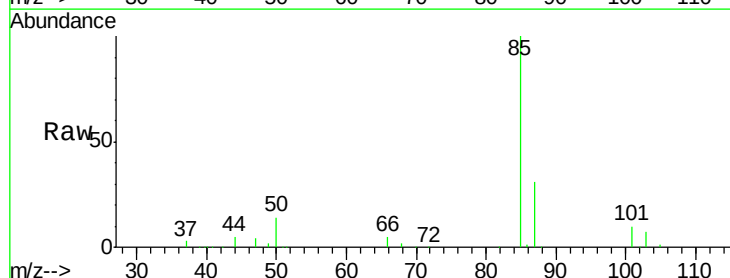
Acq: 13 Nov 2020 8:35

Tgt Ion: 85 Resp: 167133

Ion Ratio Lower Upper

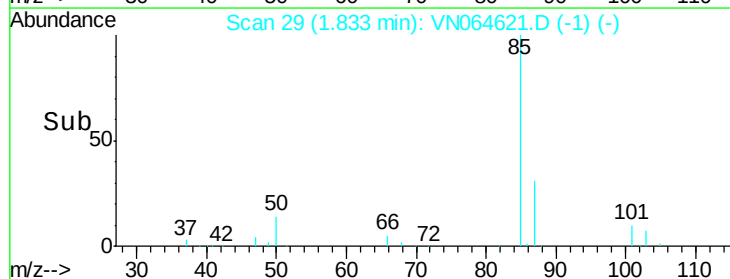
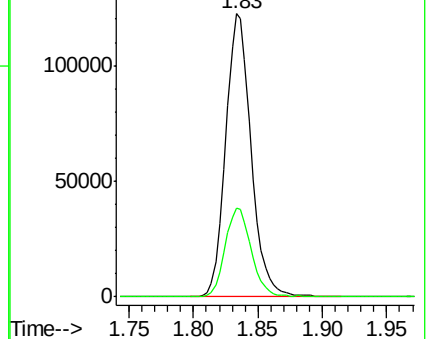
85 100

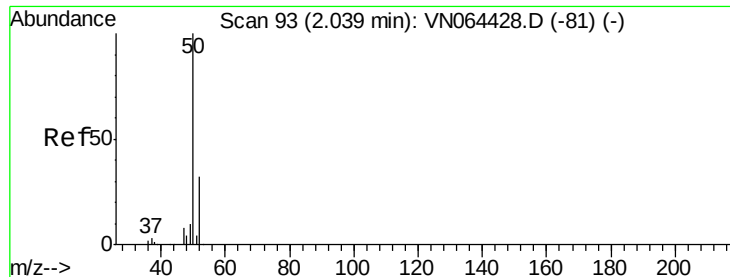
87 31.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.566 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

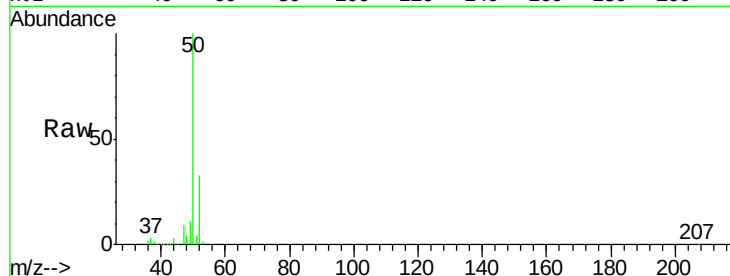
VSTDCCC050EC

Tot Ion: 50 Resp: 199857

Ion Ratio Lower Upper

50 100

52 33.0 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

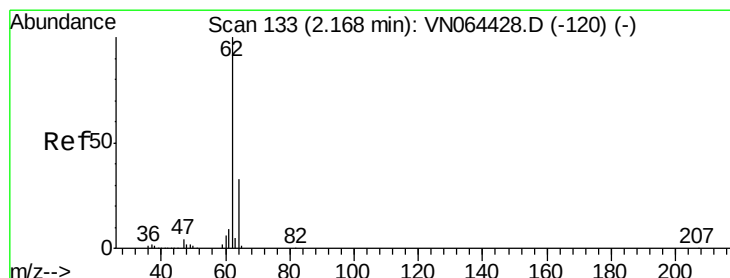
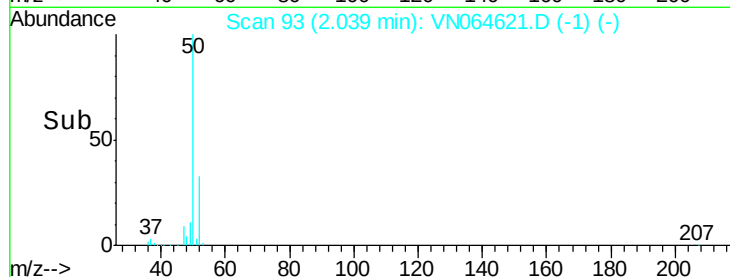
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.638 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064621.D

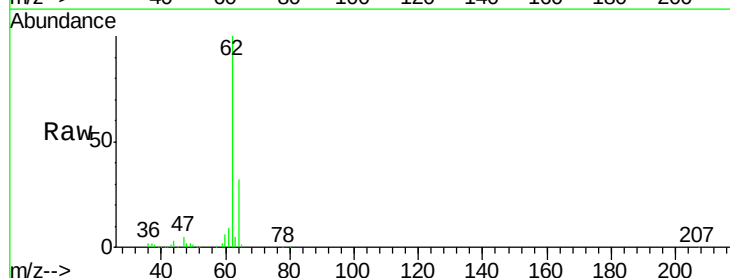
Acq: 13 Nov 2020 8:35

Tgt Ion: 62 Resp: 219706

Ion Ratio Lower Upper

62 100

64 32.4 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

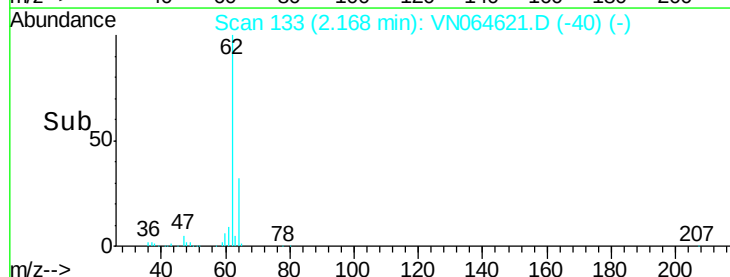
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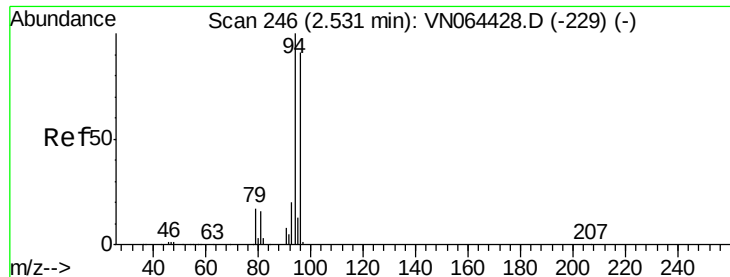
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.272 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

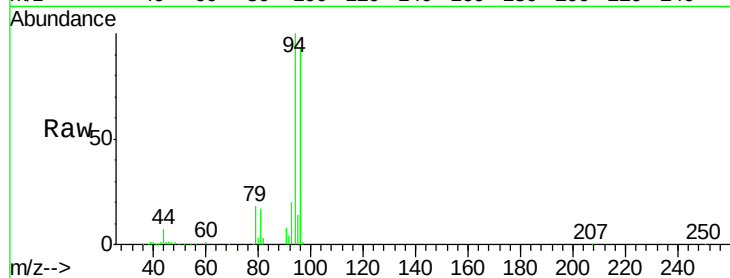
VSTDCCC050EC

Tot Ion: 94 Resp: 154303

Ion Ratio Lower Upper

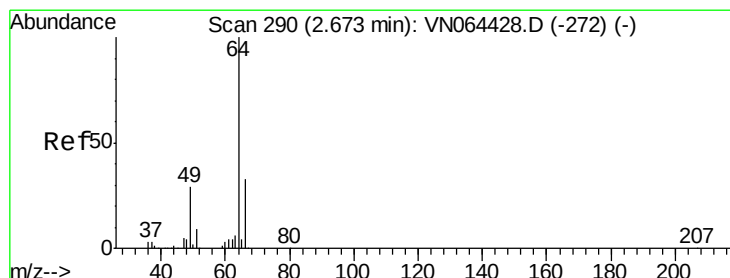
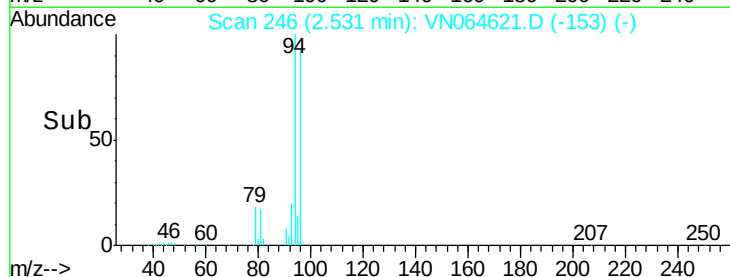
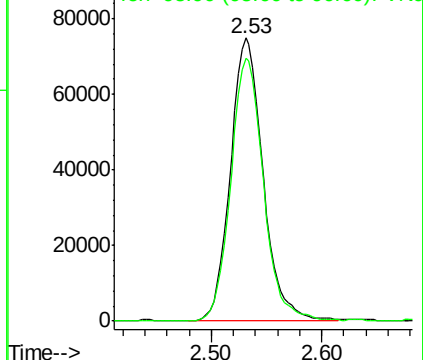
94 100

96 92.8 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: 50.744 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064621.D

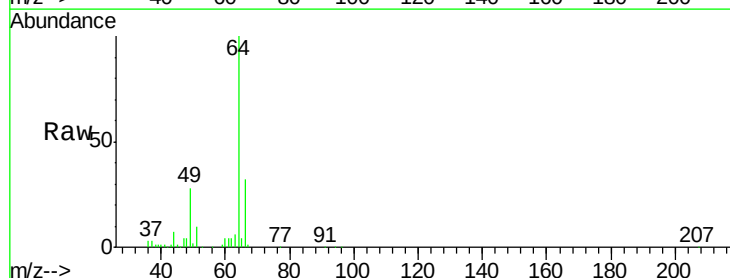
Acq: 13 Nov 2020 8:35

Tgt Ion: 64 Resp: 153050

Ion Ratio Lower Upper

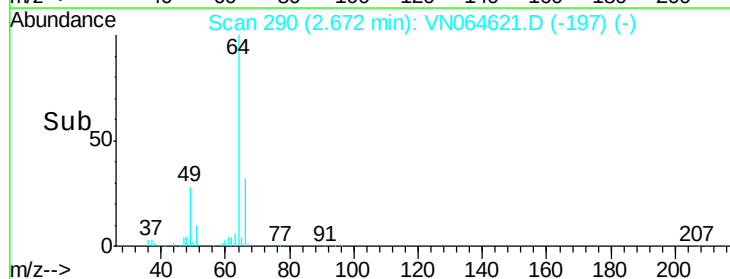
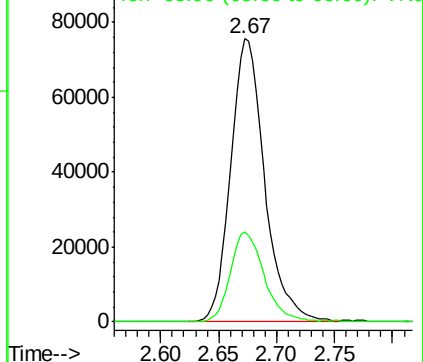
64 100

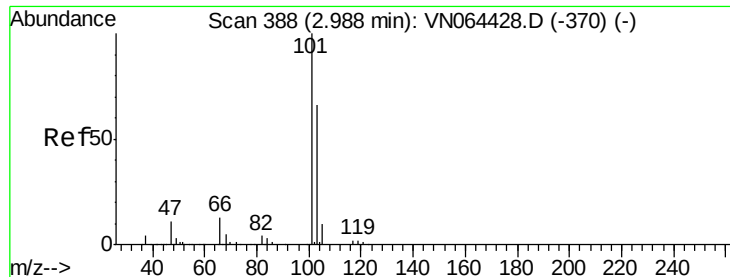
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



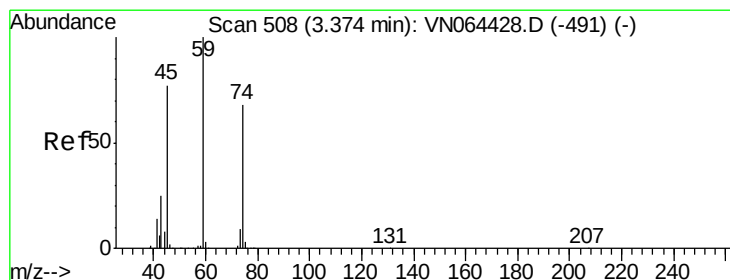
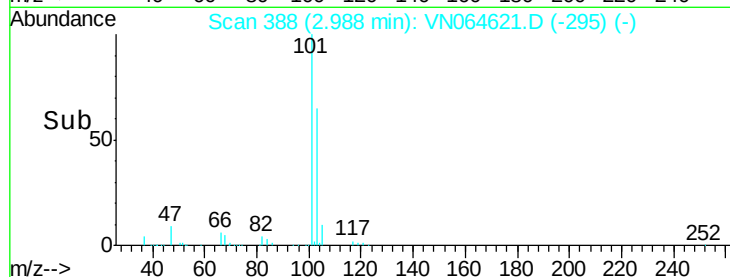
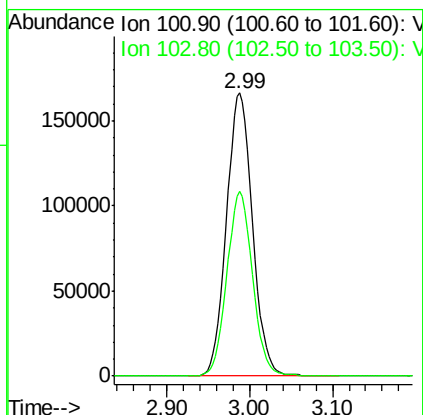
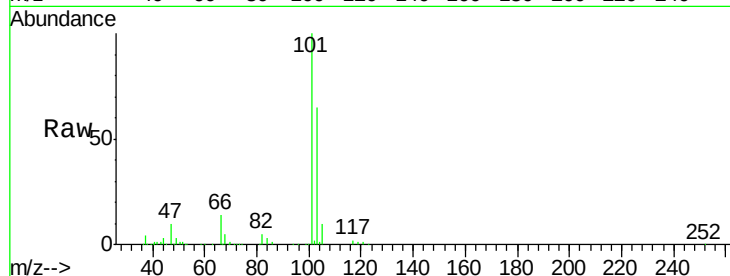


#7

Trichlorofluoromethane
 Concen: 52.406 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

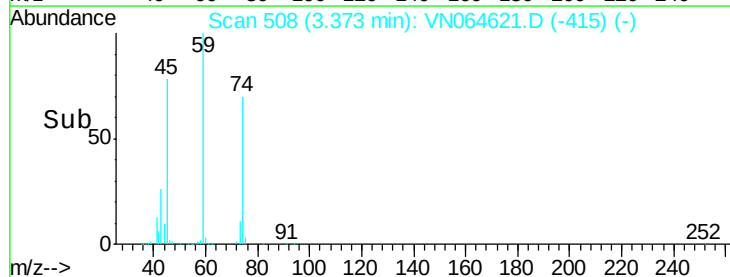
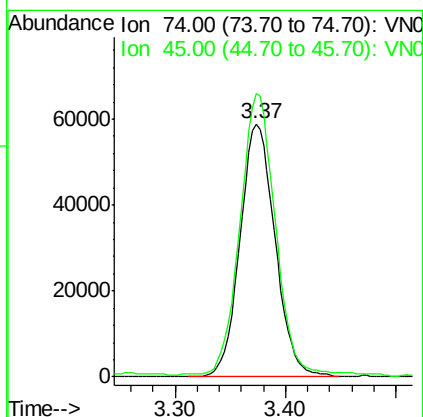
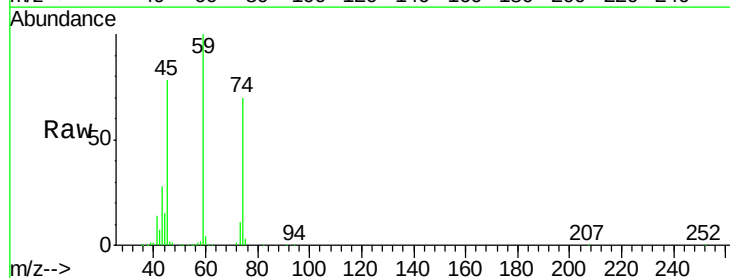
Tot Ion:101 Resp: 363528
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6

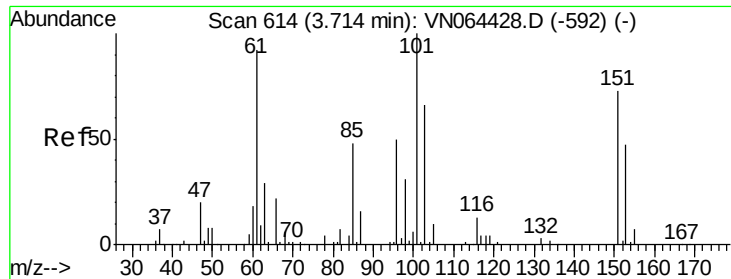


#8

Diethyl Ether
 Concen: 52.941 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 74 Resp: 129687
 Ion Ratio Lower Upper
 74 100
 45 111.7 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.801 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

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VSTDCCC050EC

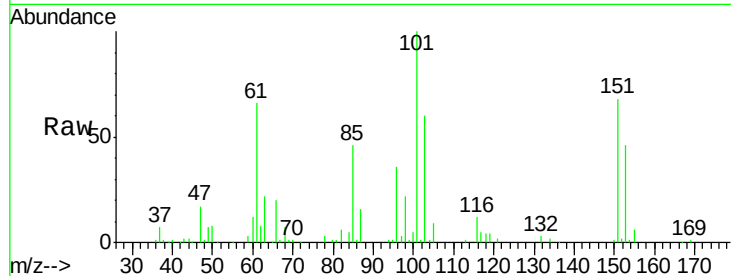
Tot Ion:101 Resp: 154167

Ion Ratio Lower Upper

101 100

85 47.3 38.6 57.8

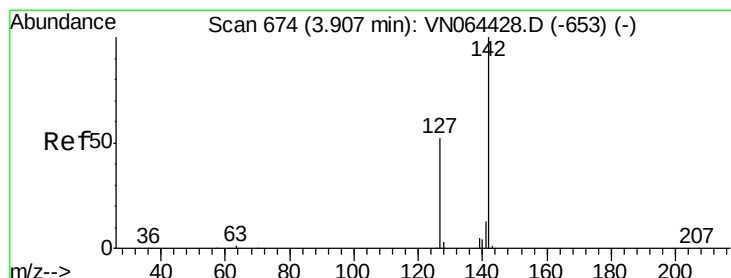
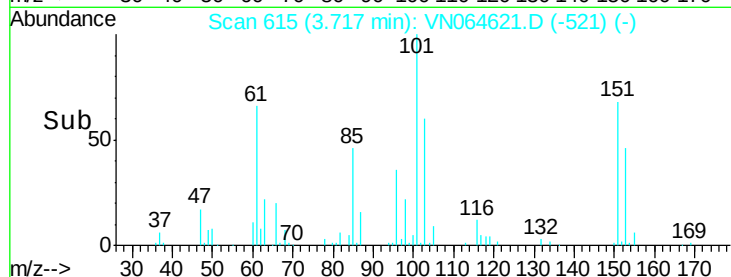
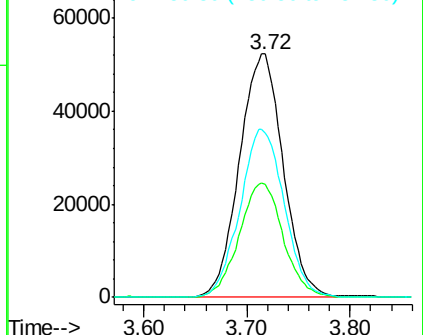
151 69.9 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.285 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

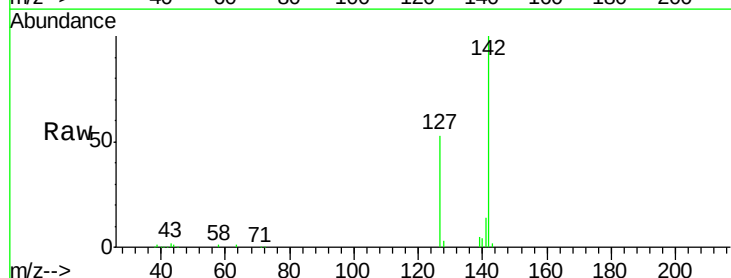
Tgt Ion:142 Resp: 203957

Ion Ratio Lower Upper

142 100

127 52.8 41.8 62.8

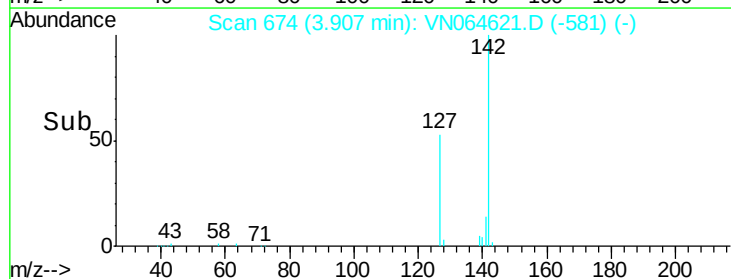
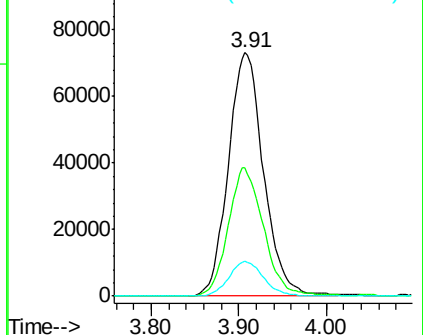
141 14.0 11.4 17.2

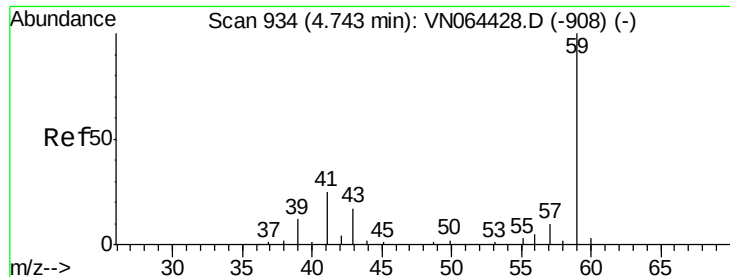


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

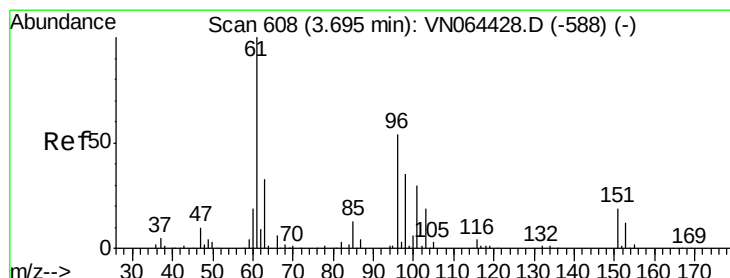
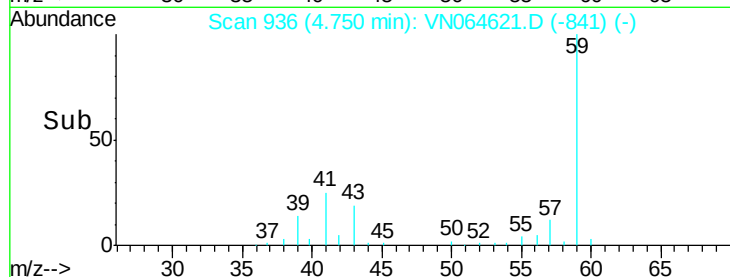
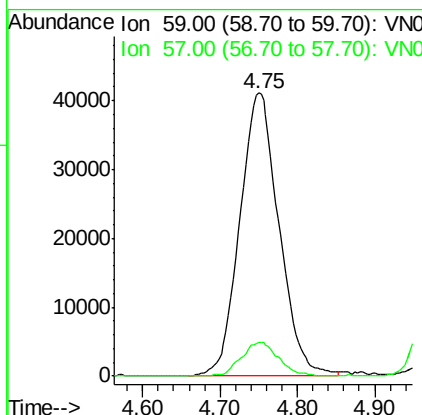
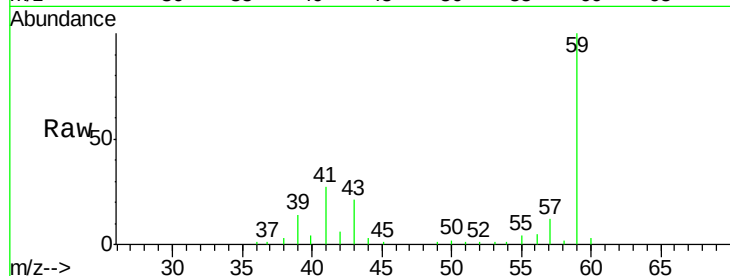




#11
Tert butyl alcohol
Concen: 260.240 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

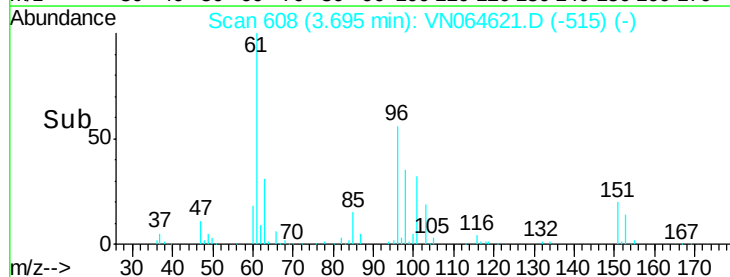
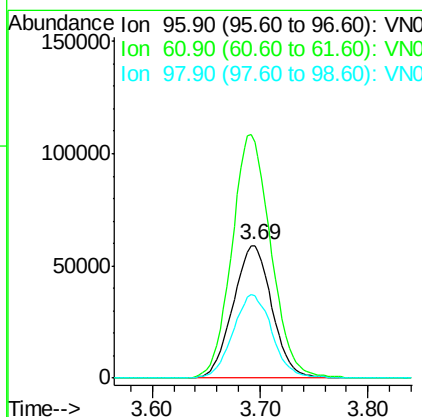
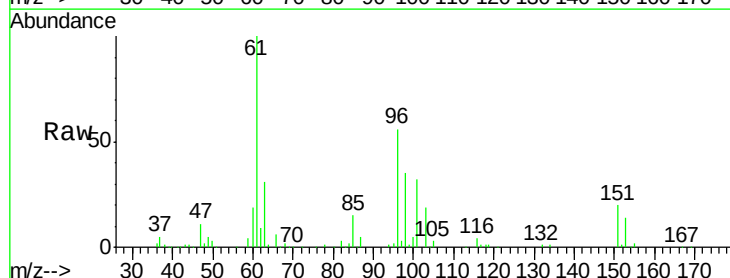
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

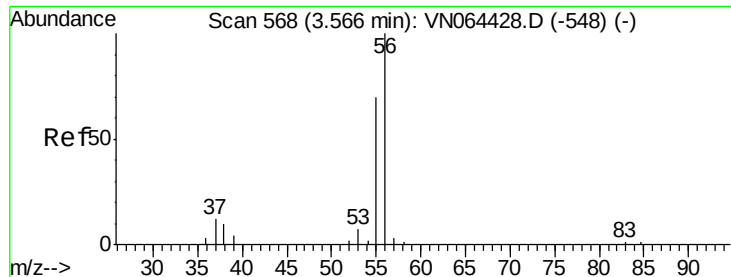
Tot Ion: 59 Resp: 145037
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.790 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 96 Resp: 148288
Ion Ratio Lower Upper
96 100
61 177.7 149.5 224.3
98 62.1 52.4 78.6





#13

Acrolein

Concen: 236.458 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

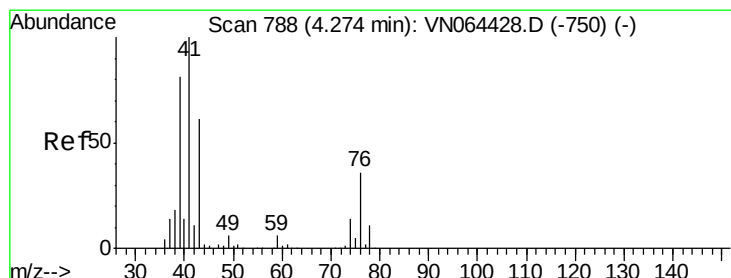
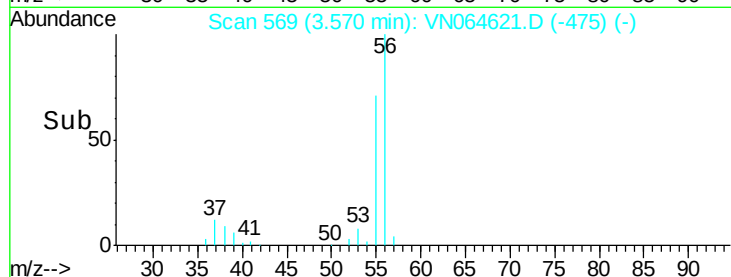
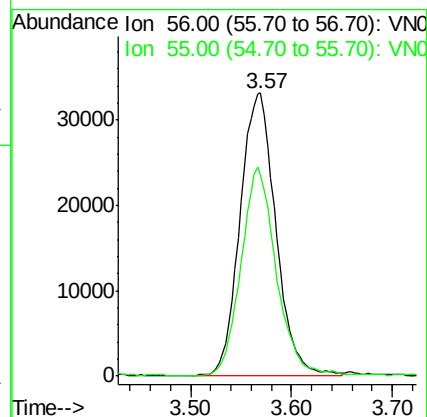
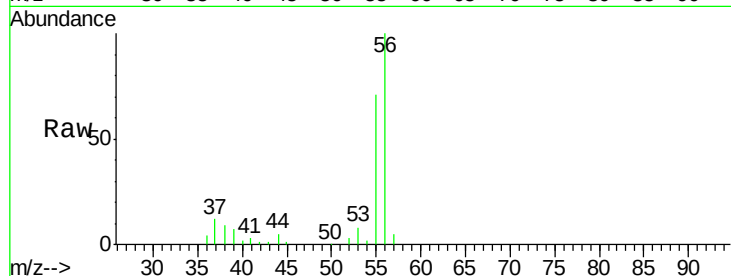
VSTDCCC050EC

Tot Ion: 56 Resp: 81743

Ion Ratio Lower Upper

56 100

55 72.0 55.9 83.9



#14

Allyl chloride

Concen: 44.558 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

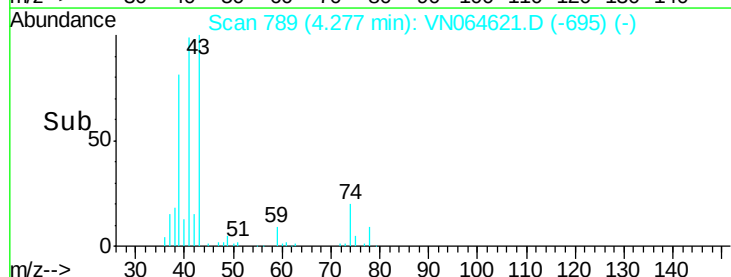
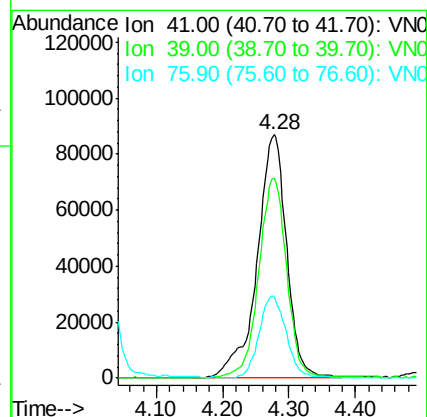
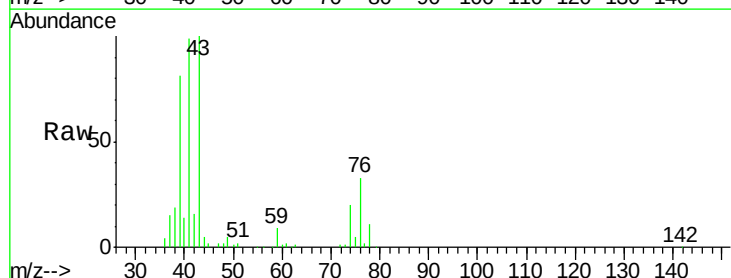
Tgt Ion: 41 Resp: 270464

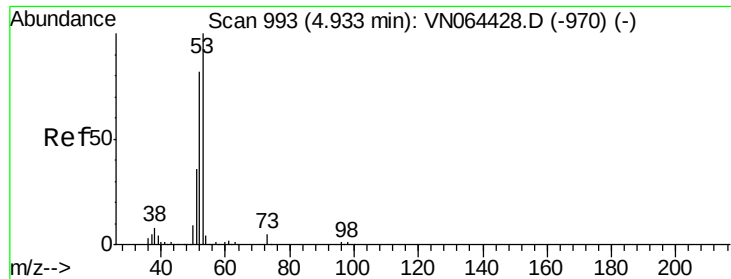
Ion Ratio Lower Upper

41 100

39 77.4 61.8 92.8

76 30.3 25.4 38.0





#15

Acrylonitrile

Concen: 283.003 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

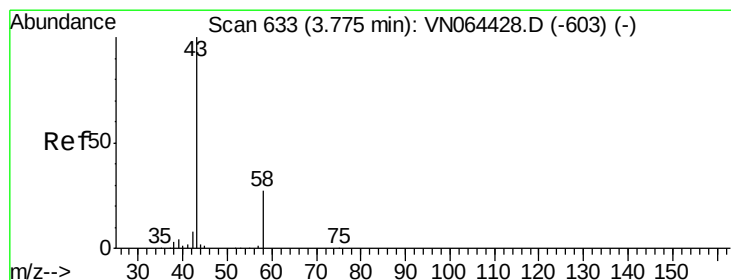
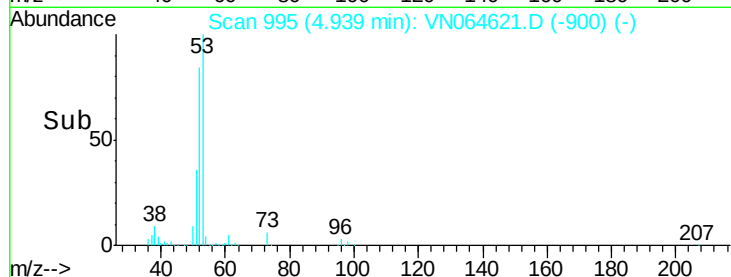
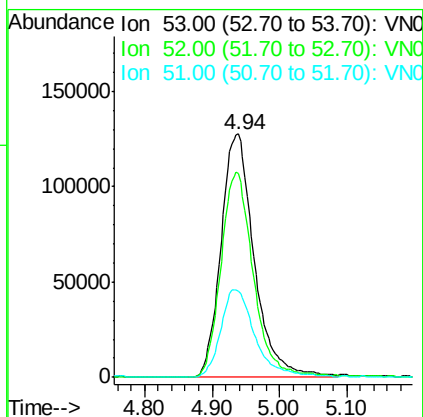
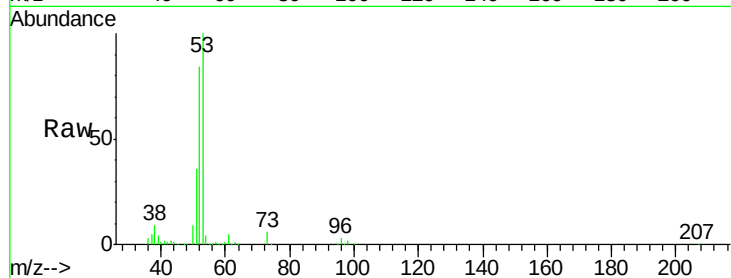
Tot Ion: 53 Resp: 439119

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

51 37.6 29.9 44.9



#16

Acetone

Concen: 219.229 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064621.D

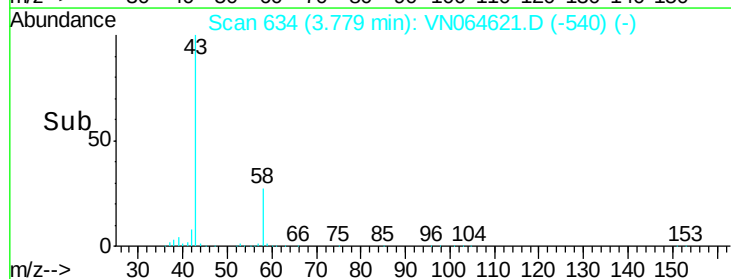
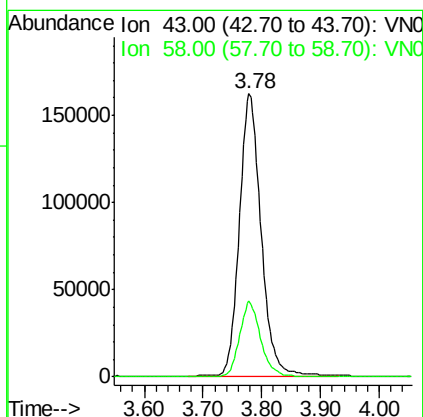
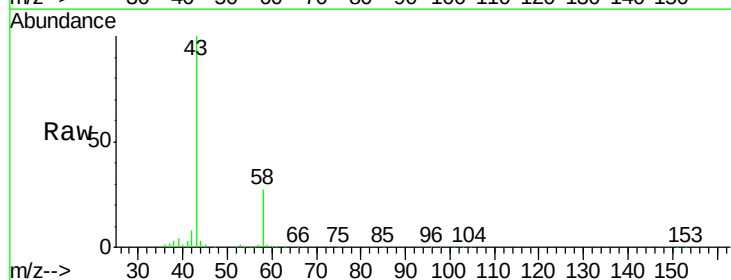
Acq: 13 Nov 2020 8:35

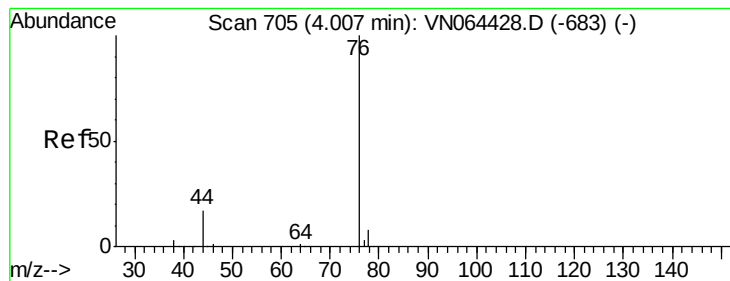
Tgt Ion: 43 Resp: 422026

Ion Ratio Lower Upper

43 100

58 26.8 21.4 32.0





#17

Carbon Disulfide

Concen: 46.119 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

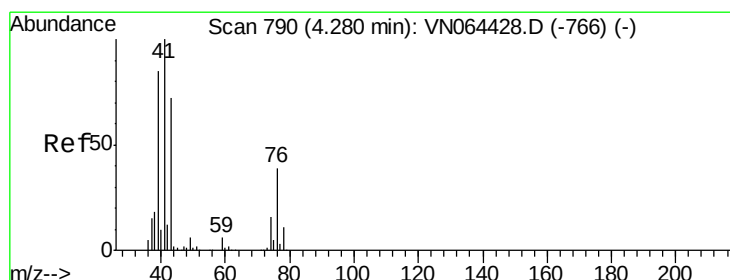
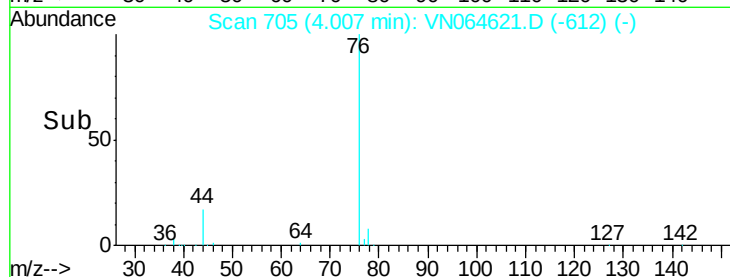
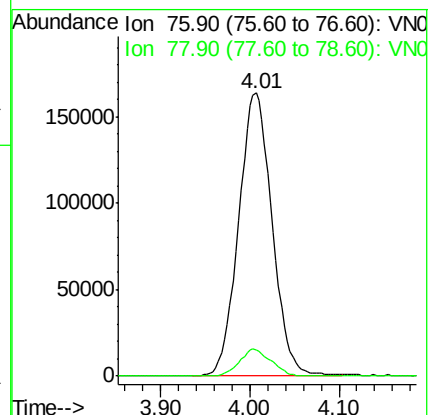
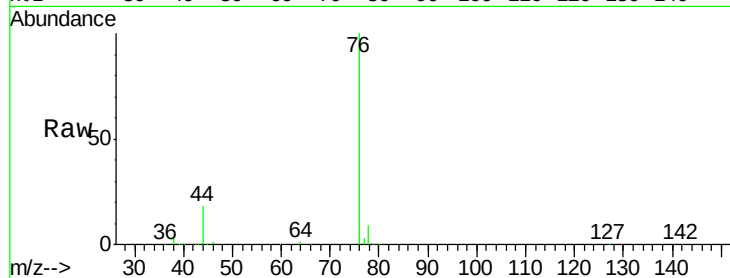
VSTDCCC050EC

Tot Ion: 76 Resp: 427950

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 66.106 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064621.D

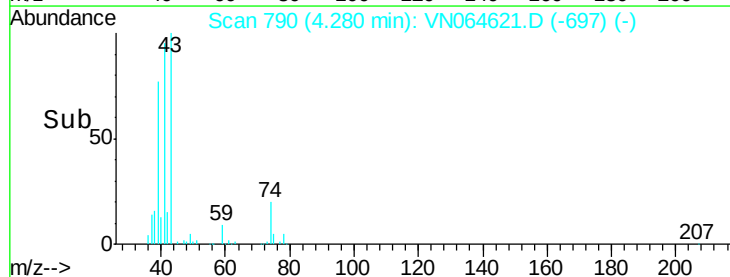
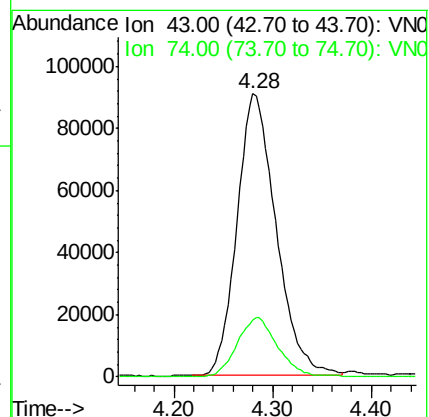
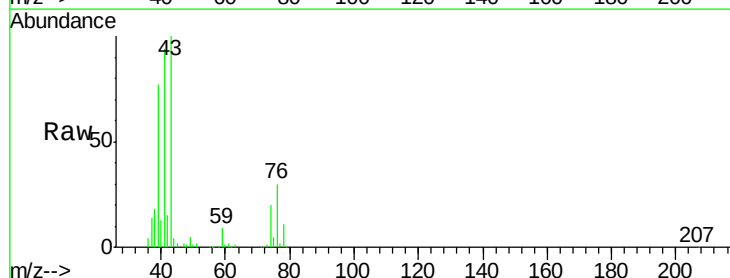
Acq: 13 Nov 2020 8:35

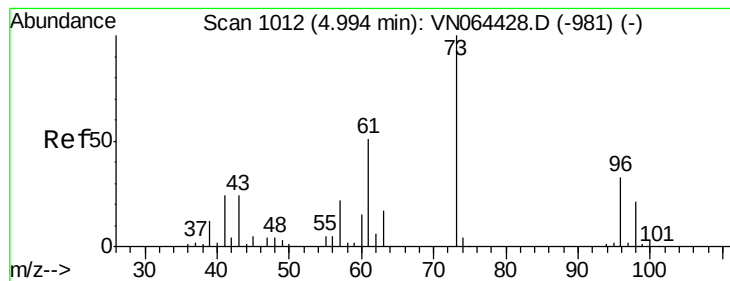
Tgt Ion: 43 Resp: 250185

Ion Ratio Lower Upper

43 100

74 21.8 17.0 25.4



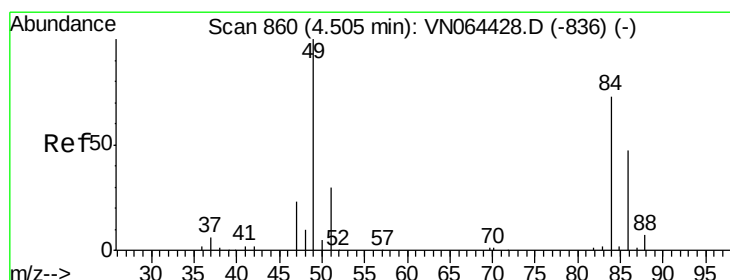
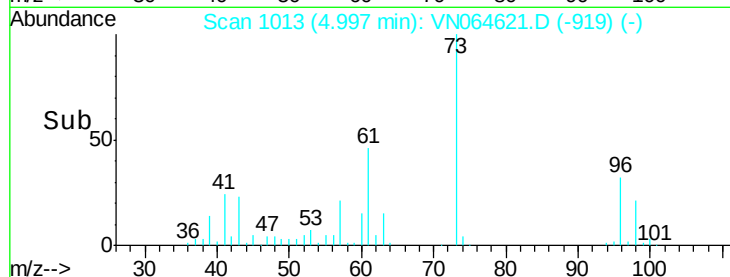
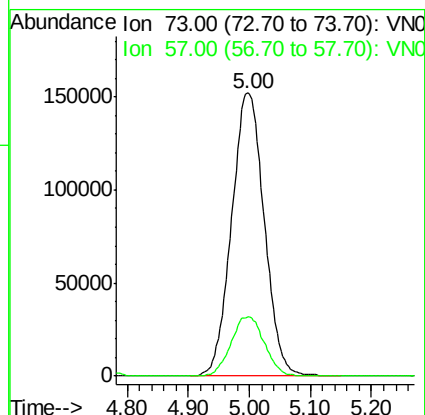
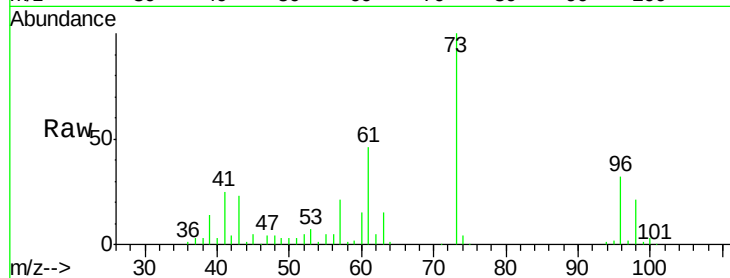


#19

Methyl tert-butyl Ether
 Concen: 50.699 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

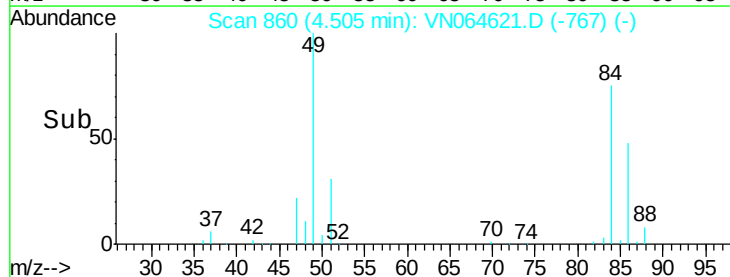
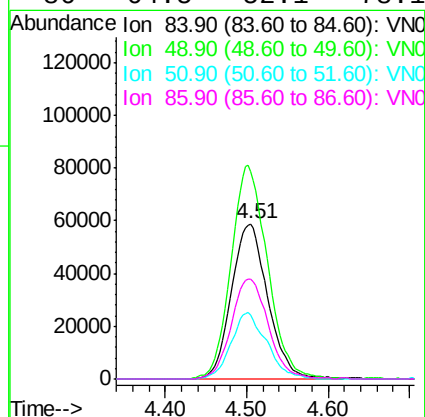
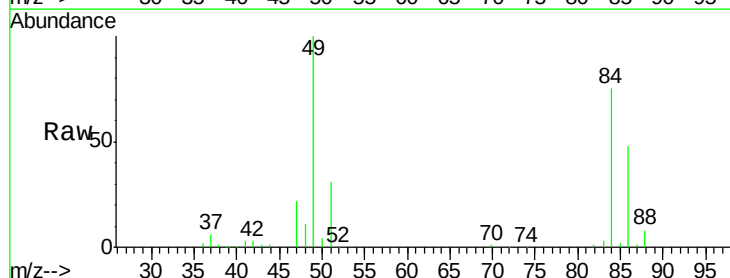
Tot Ion: 73 Resp: 566192
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.7 26.5

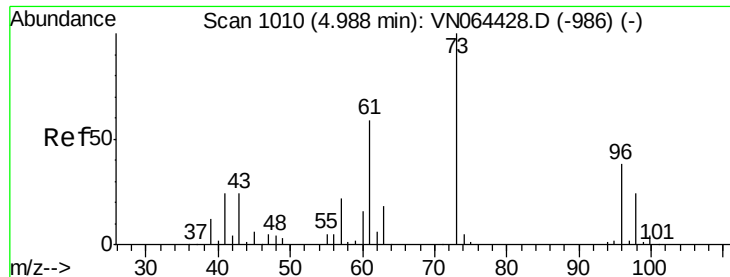


#20

Methylene Chloride
 Concen: 48.017 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 84 Resp: 183397
 Ion Ratio Lower Upper
 84 100
 49 133.0 110.1 165.1
 51 41.1 33.6 50.4
 86 64.5 52.1 78.1

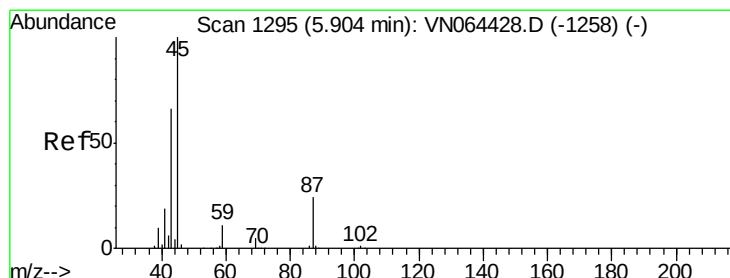
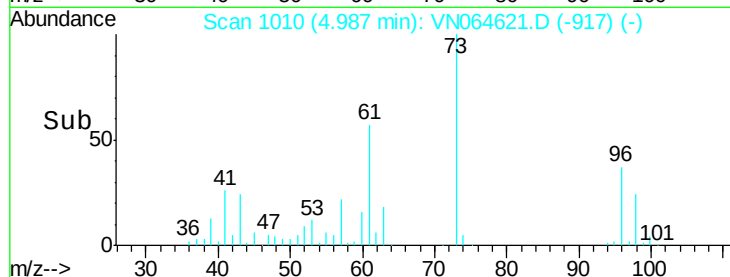
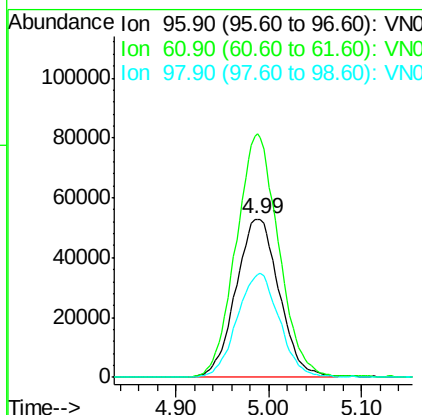
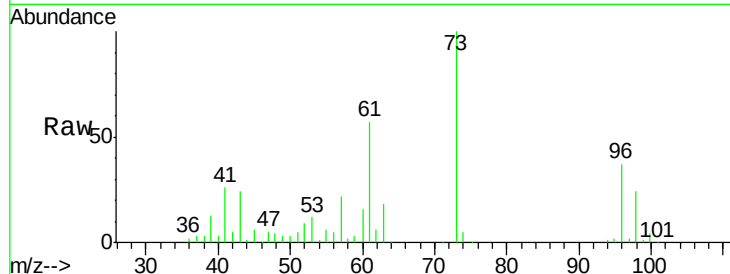




#21
trans-1,2-Dichloroethene
Concen: 48.804 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

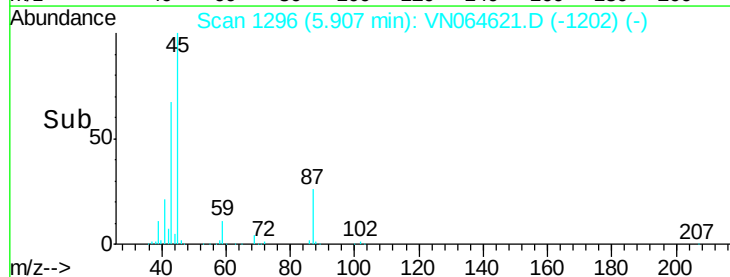
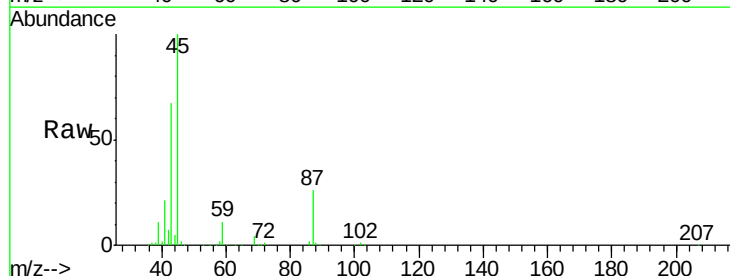
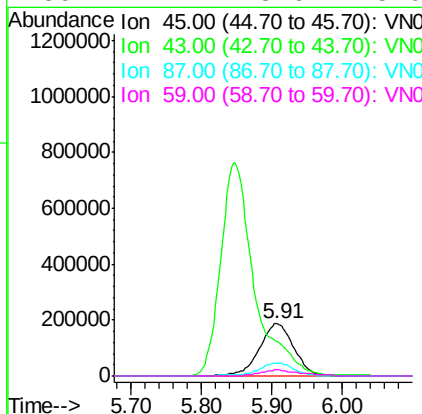
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

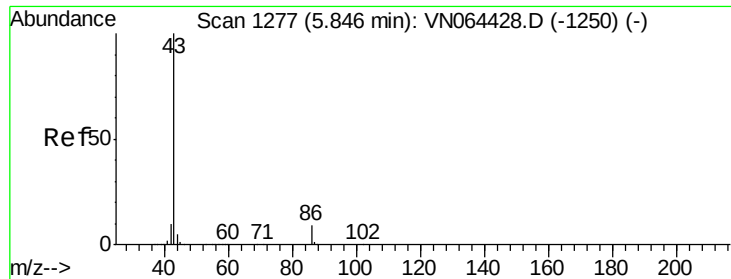
Tot Ion: 96 Resp: 171943
Ion Ratio Lower Upper
96 100
61 153.8 122.4 183.6
98 65.5 50.4 75.6



#22
Diisopropyl ether
Concen: 49.662 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 45 Resp: 639893
Ion Ratio Lower Upper
45 100
43 66.3 53.2 79.8
87 25.5 19.9 29.9
59 11.1 8.6 13.0





#23

Vinyl Acetate

Concen: 244.071 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

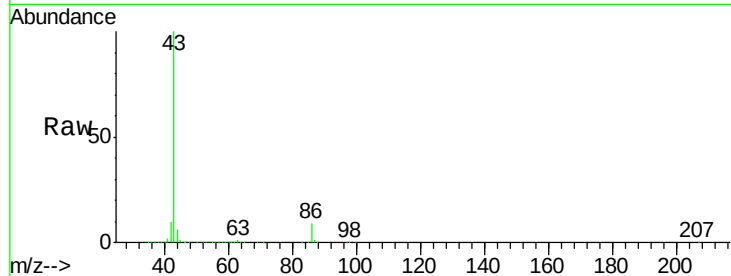
VSTDCCC050EC

Tot Ion: 43 Resp: 2558320

Ion Ratio Lower Upper

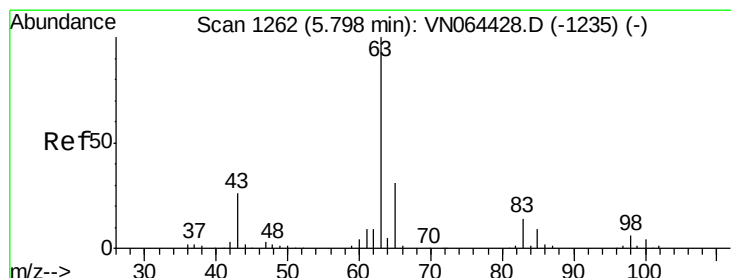
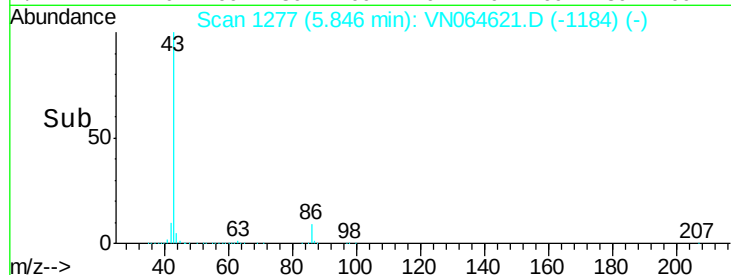
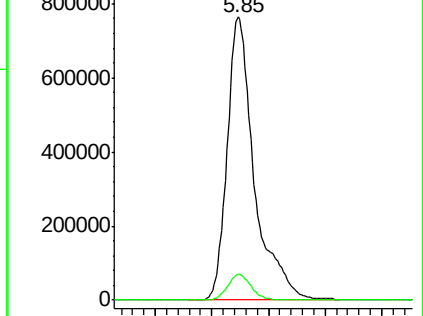
43 100

86 9.2 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.581 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

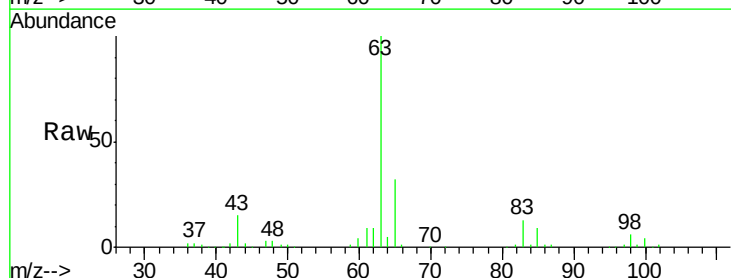
Tgt Ion: 63 Resp: 351050

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

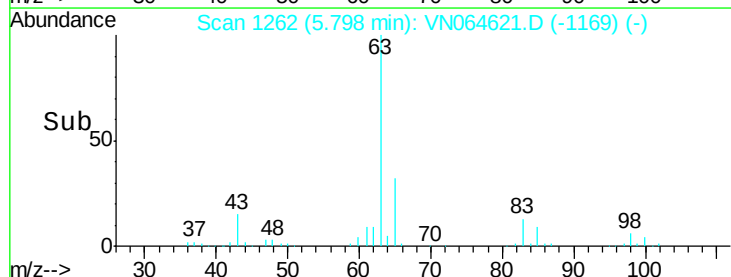
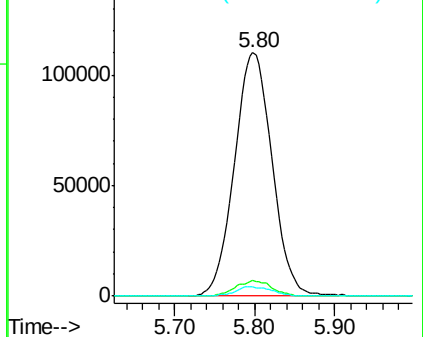
100 3.9 1.8 5.3

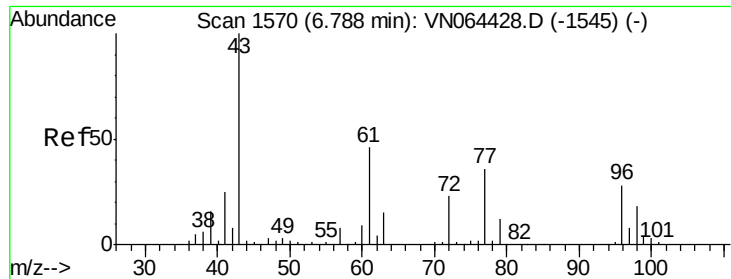


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 257.755 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

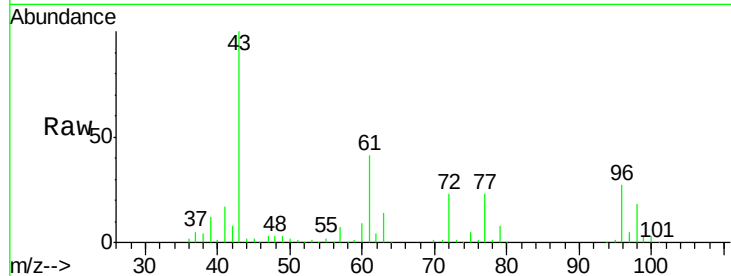
VSTDCCC050EC

Tot Ion: 43 Resp: 632218

Ion Ratio Lower Upper

43 100

72 22.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

250000

200000

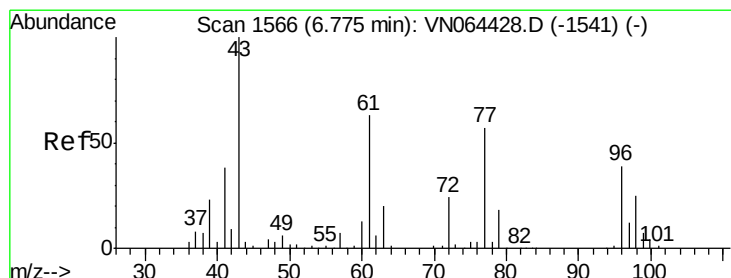
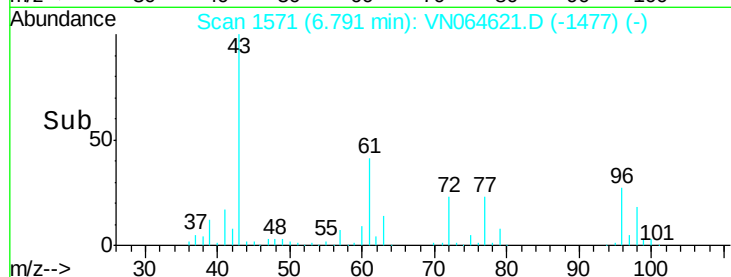
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 32.705 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064621.D

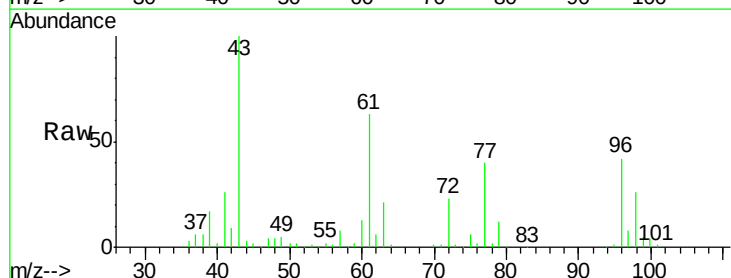
Acq: 13 Nov 2020 8:35

Tgt Ion: 77 Resp: 209623

Ion Ratio Lower Upper

77 100

97 21.7 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

80000

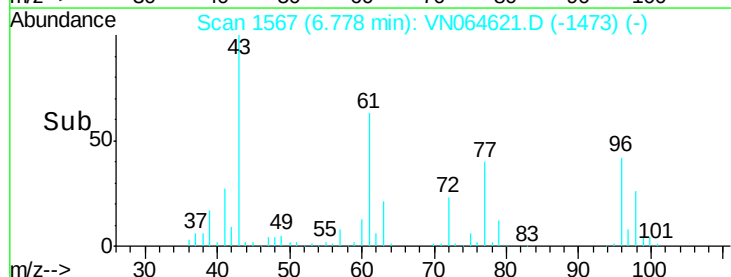
60000

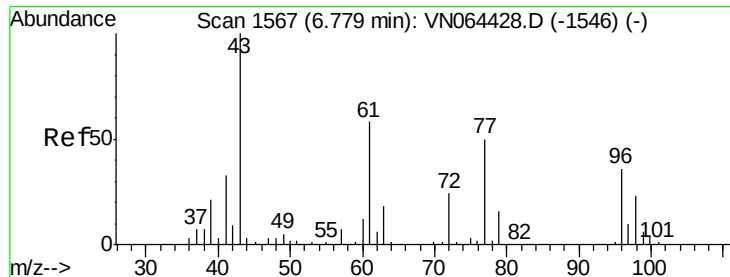
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.393 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

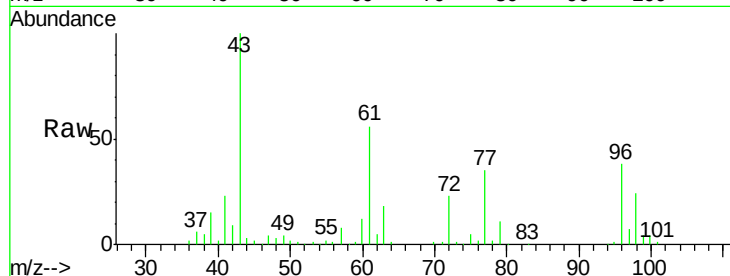
Tot Ion: 96 Resp: 201642

Ion Ratio Lower Upper

96 100

61 152.2 0.0 329.6

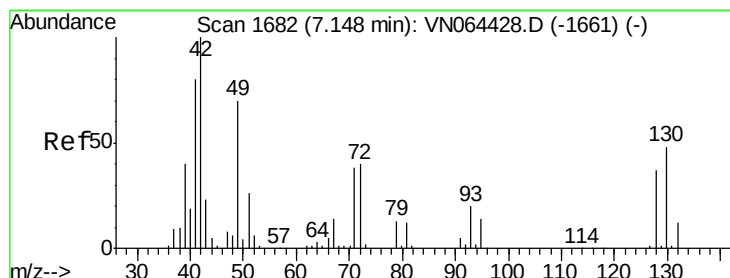
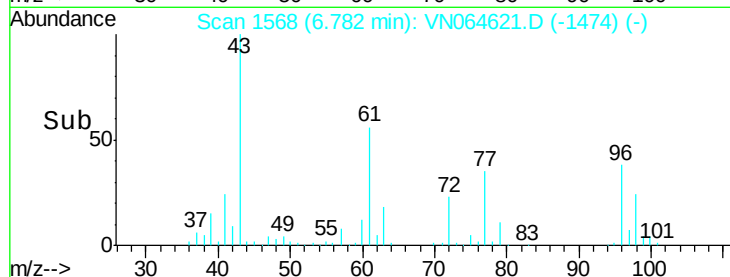
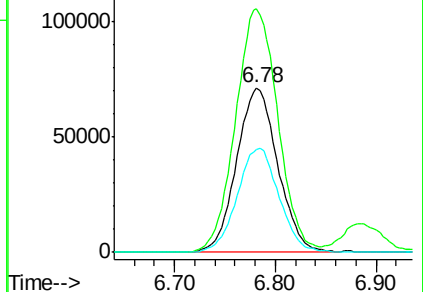
98 64.2 0.0 131.2



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



#28

Bromochloromethane

Concen: 49.925 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

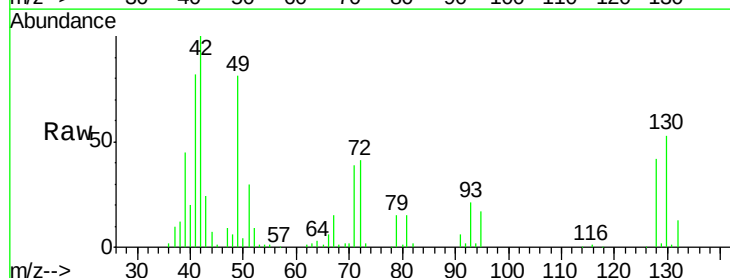
Tgt Ion: 49 Resp: 173750

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.6

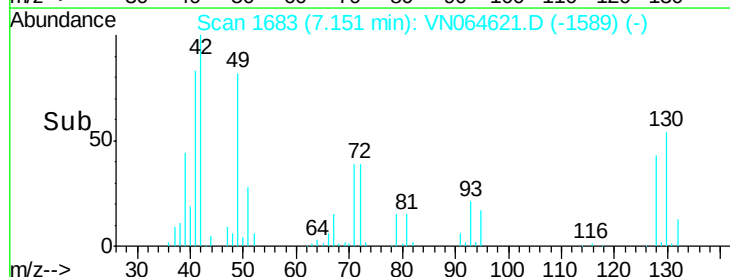
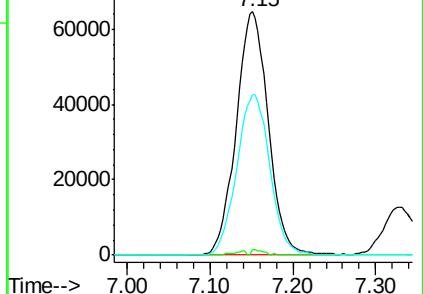
130 67.7 54.2 81.4

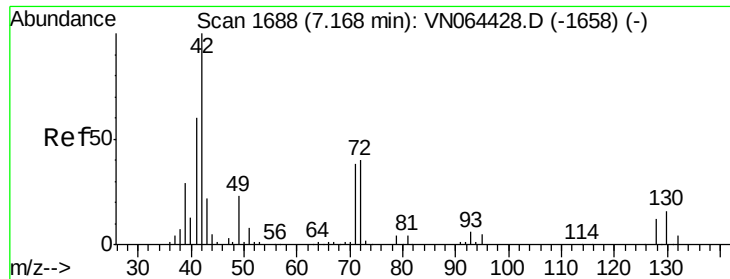


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

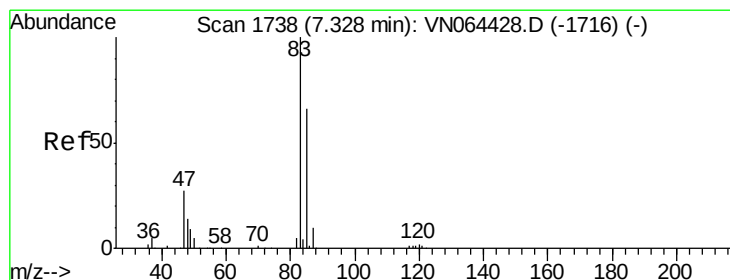
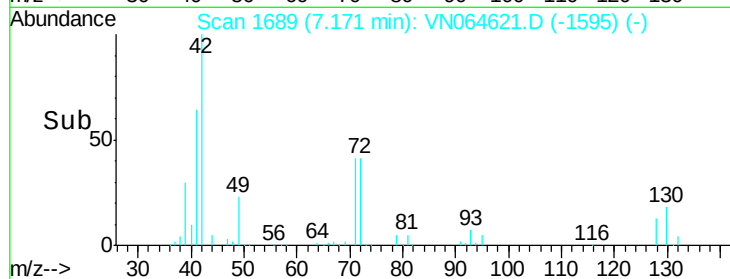
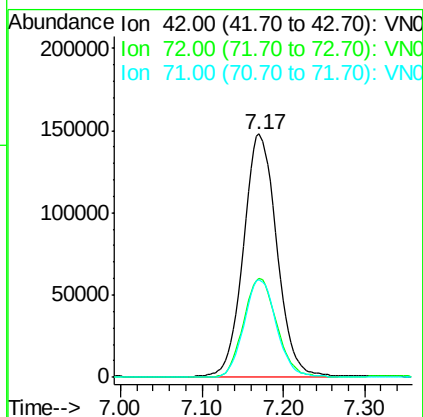
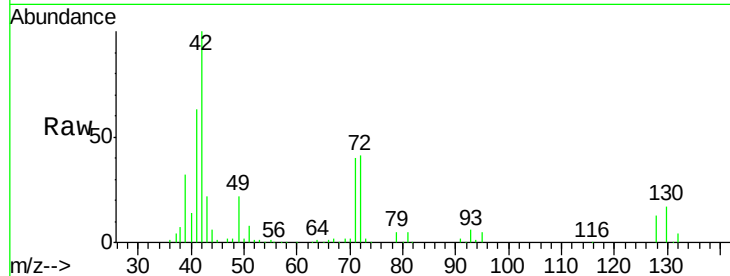




#29
Tetrahydrofuran
Concen: 275.799 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

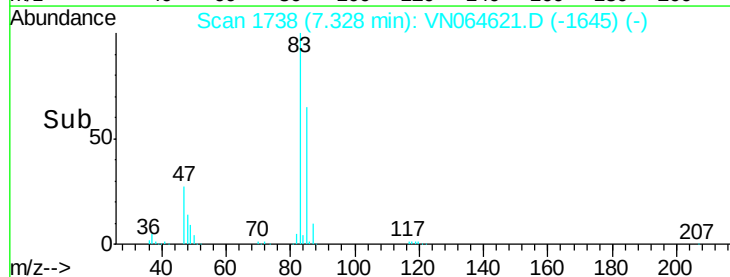
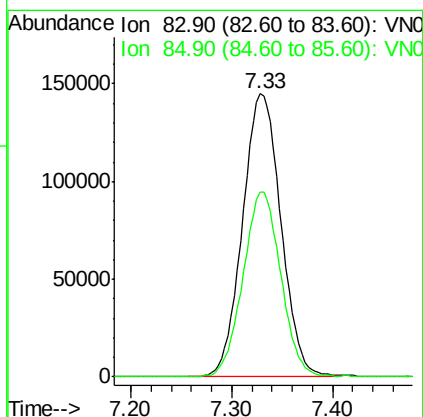
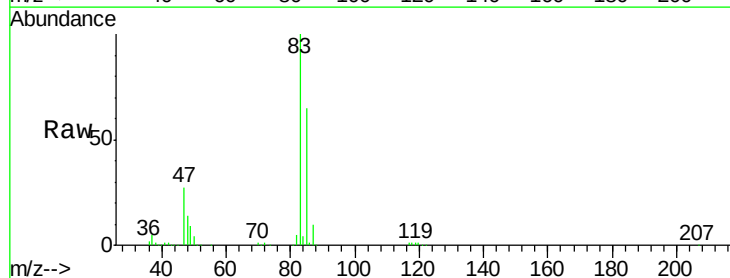
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

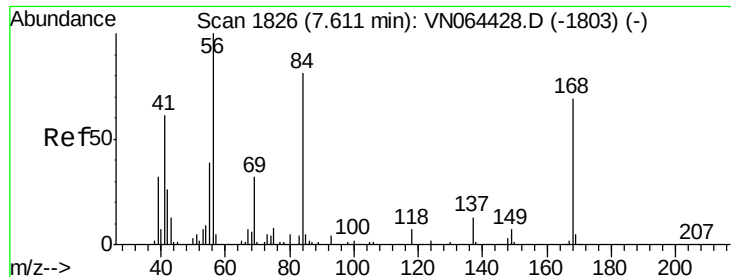
Tot Ion: 42 Resp: 415034
Ion Ratio Lower Upper
42 100
72 40.7 31.7 47.5
71 39.2 29.8 44.6



#30
Chloroform
Concen: 51.406 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 83 Resp: 382588
Ion Ratio Lower Upper
83 100
85 65.4 52.5 78.7





#31

Cyclohexane

Concen: 42.771 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

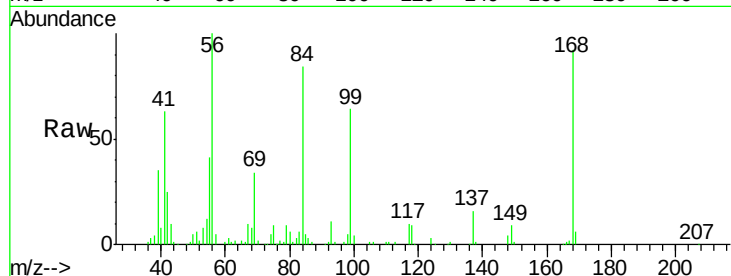
Tot Ion: 56 Resp: 262757

Ion Ratio Lower Upper

56 100

69 33.7 25.6 38.4

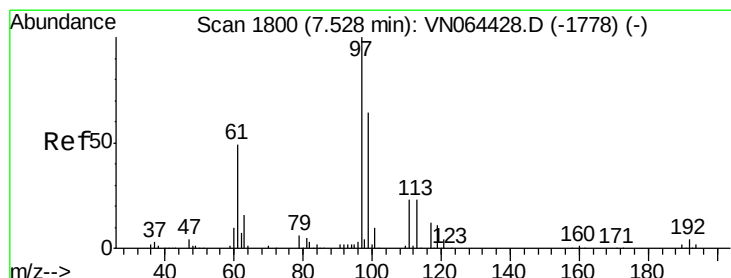
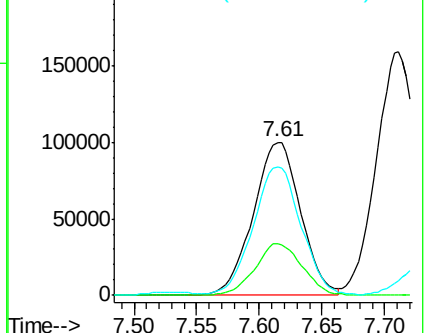
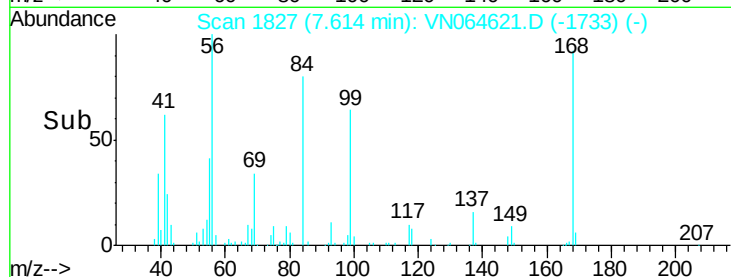
84 82.4 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064621.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064621.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064621.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 51.220 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

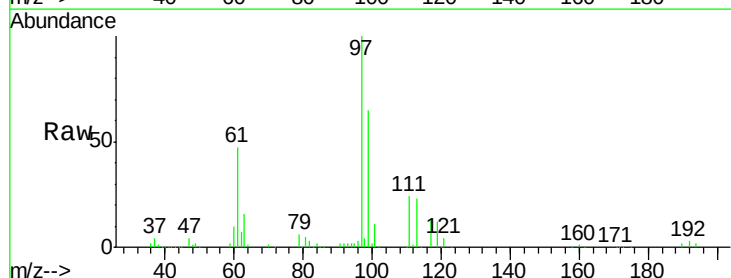
Tgt Ion: 97 Resp: 338110

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

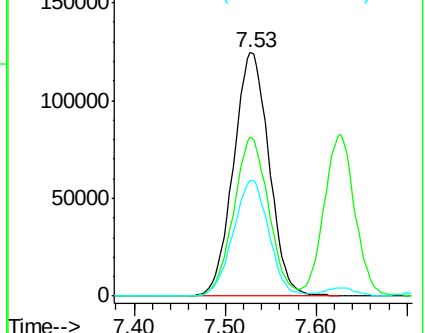
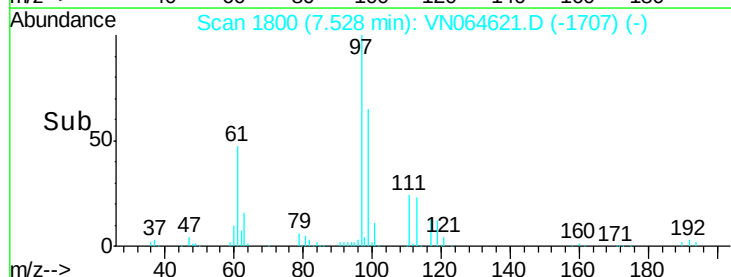
61 47.5 39.1 58.7

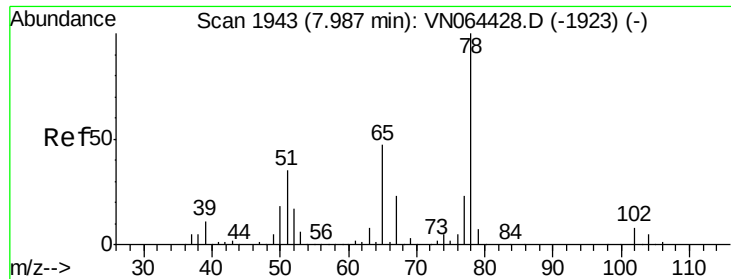


Abundance Ion 96.90 (96.60 to 97.60): VN064621.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064621.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064621.D (-1707) (-)

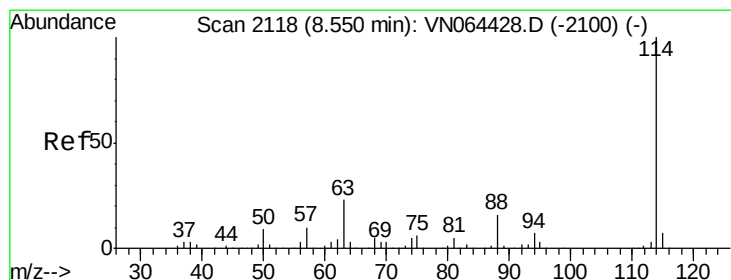
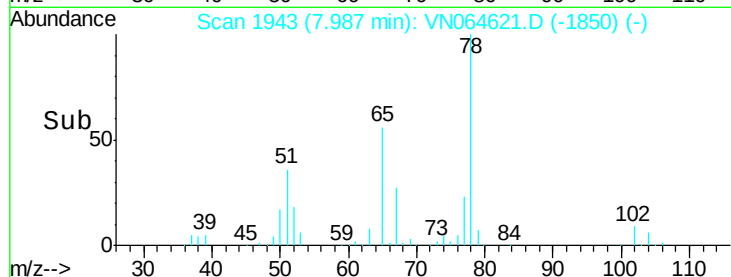
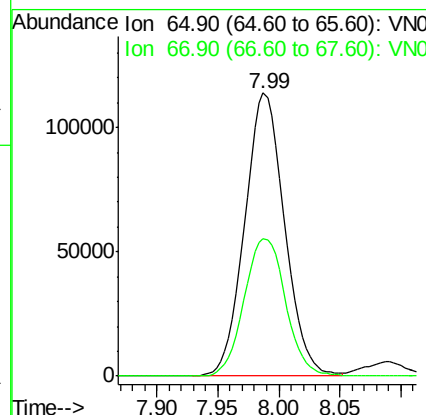
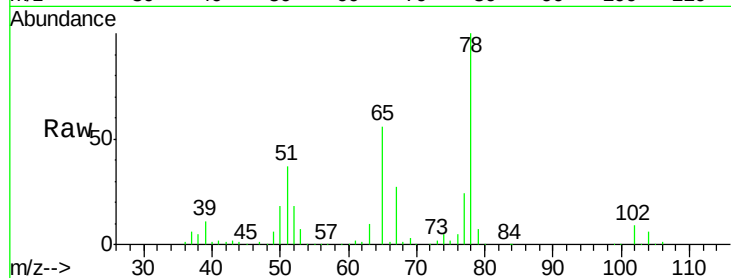




#33
 1,2-Dichloroethane-d4
 Concen: 50.985 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

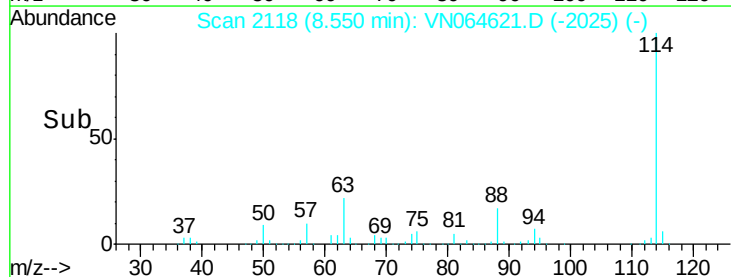
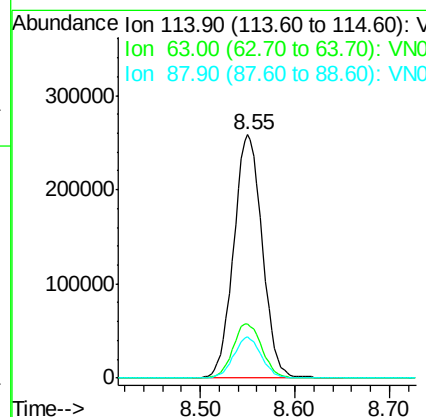
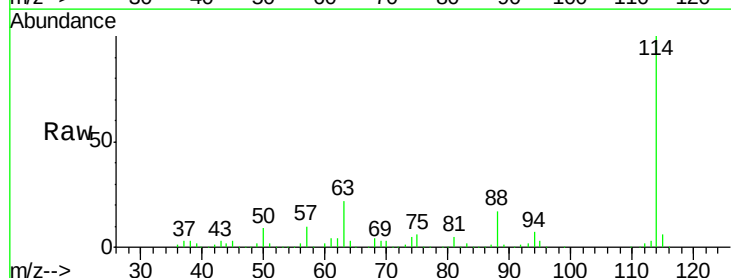
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

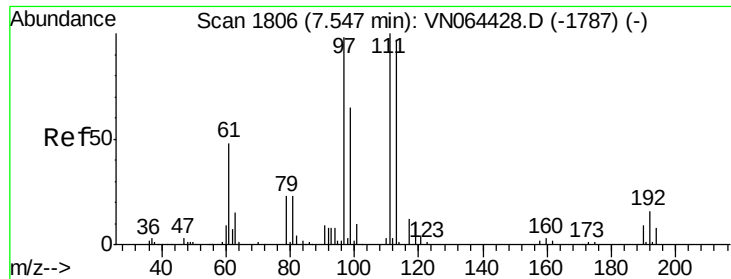
Tot Ion: 65 Resp: 257665
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 114 Resp: 542143
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.6
 88 16.8 0.0 32.8

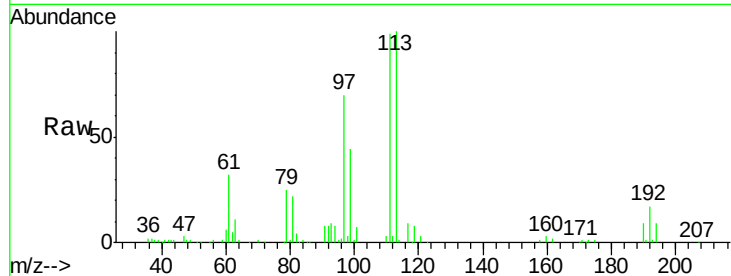




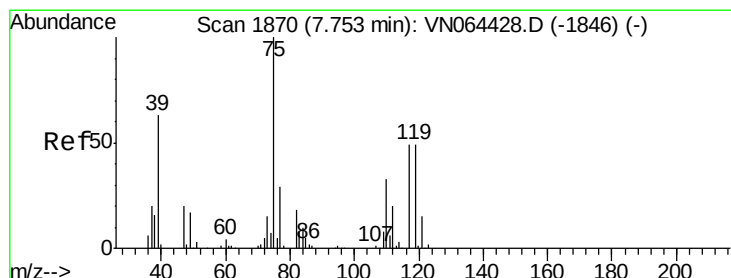
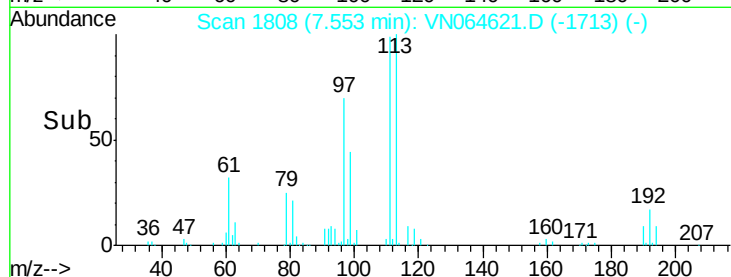
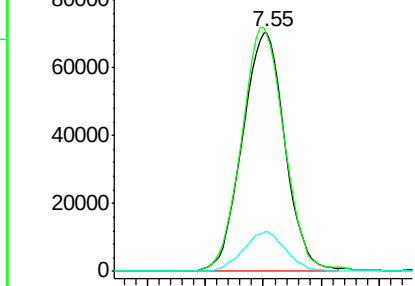
#35
 Dibromofluoromethane
 Concen: 48.602 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 179401
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 16.6 12.8 19.2

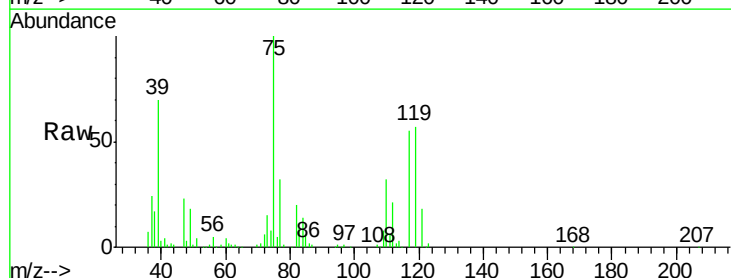


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

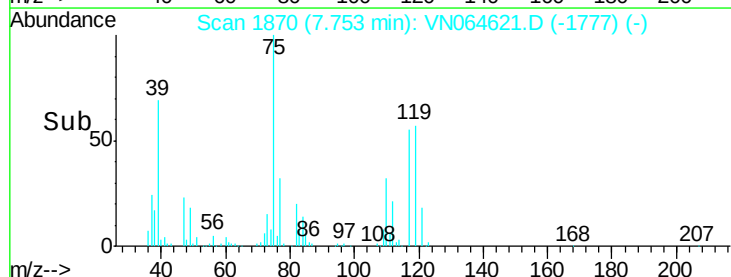
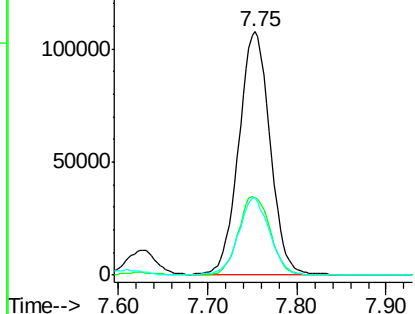


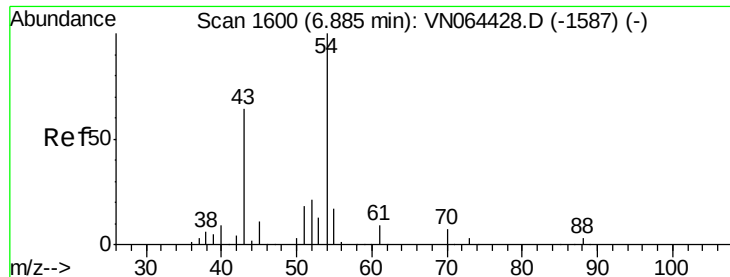
#36
 1,1-Dichloropropene
 Concen: 45.616 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 75 Resp: 261257
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.0 48.0
 77 32.0 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

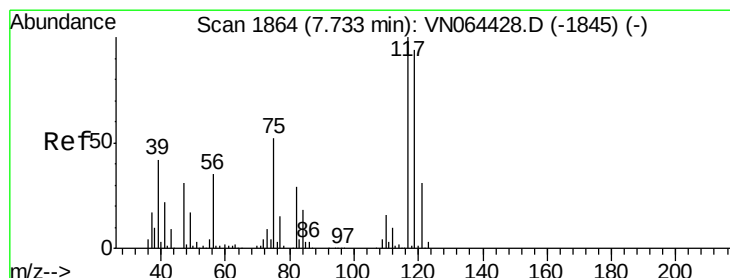
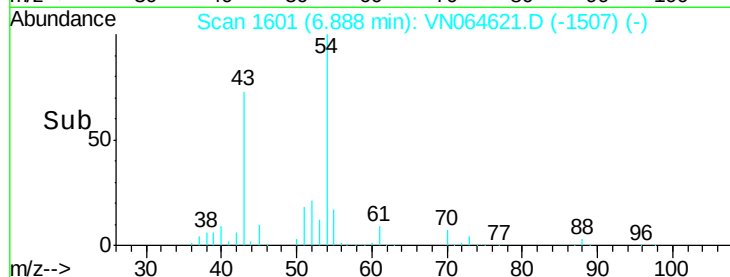
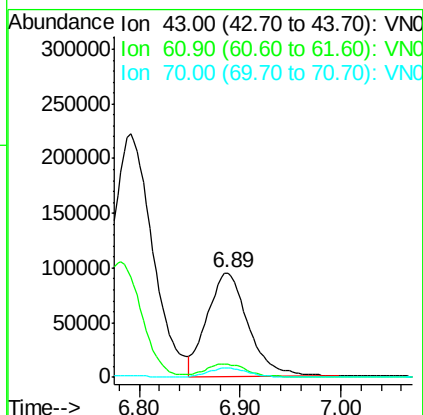
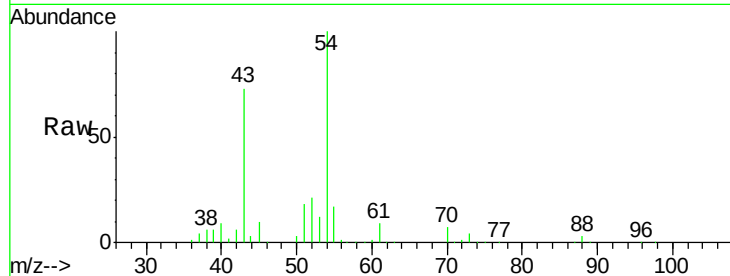




#37
Ethyl Acetate
Concen: 46.214 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

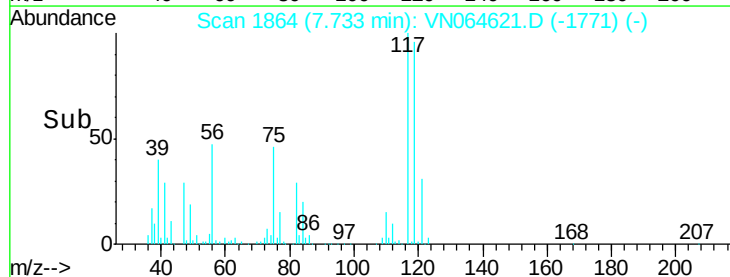
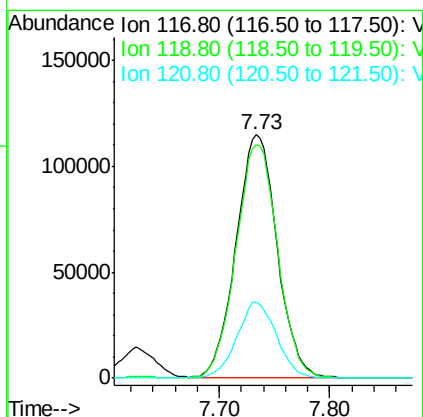
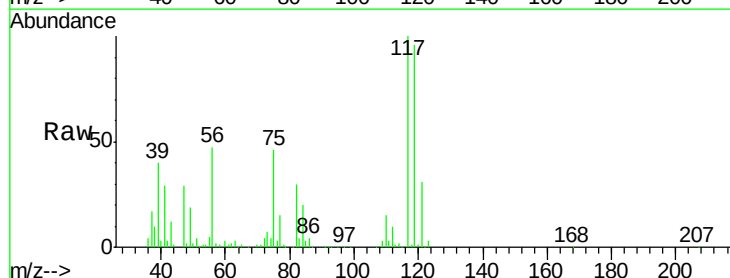
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

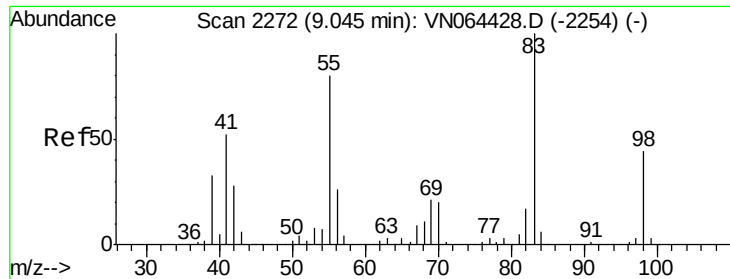
Tot Ion: 43 Resp: 268296
Ion Ratio Lower Upper
43 100
61 13.2 10.0 15.0
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.012 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 117 Resp: 293885
Ion Ratio Lower Upper
117 100
119 96.1 75.5 113.3
121 31.5 24.4 36.6

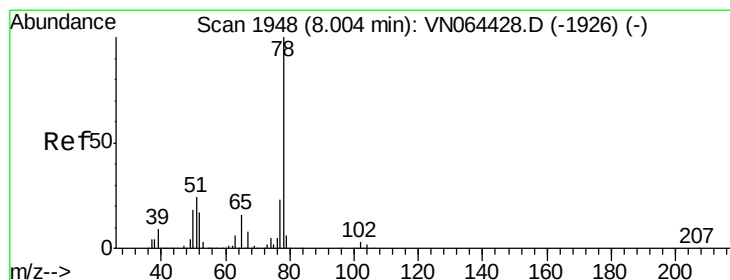
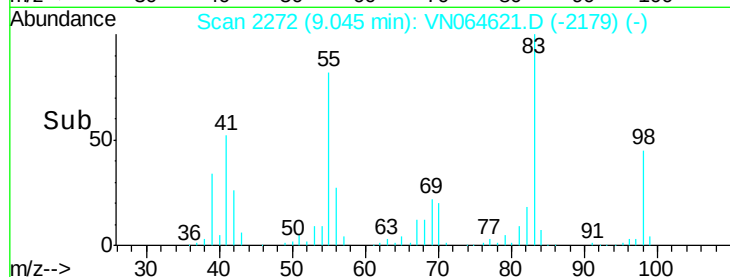
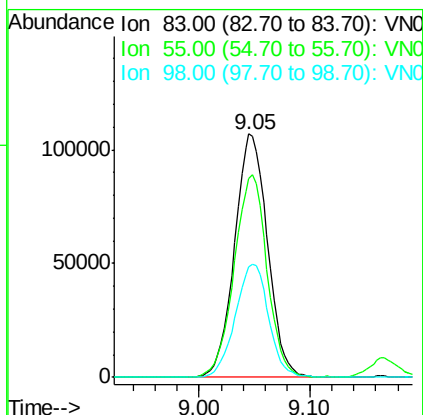
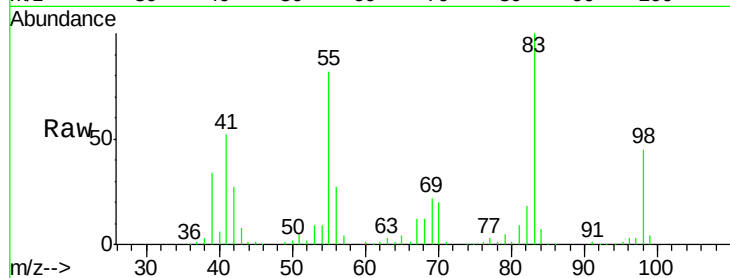




#39
Methylvlcyclohexane
Concen: 43.101 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

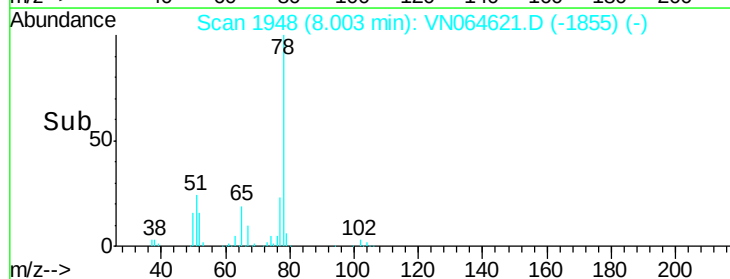
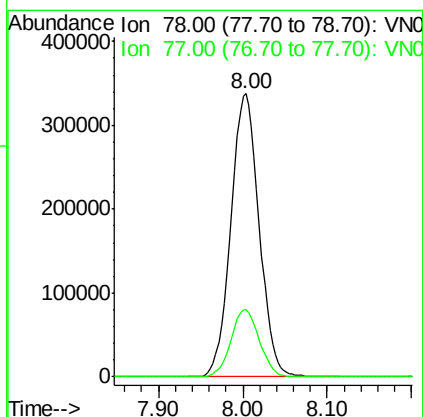
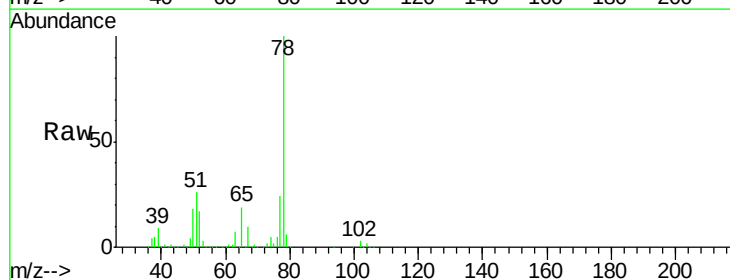
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

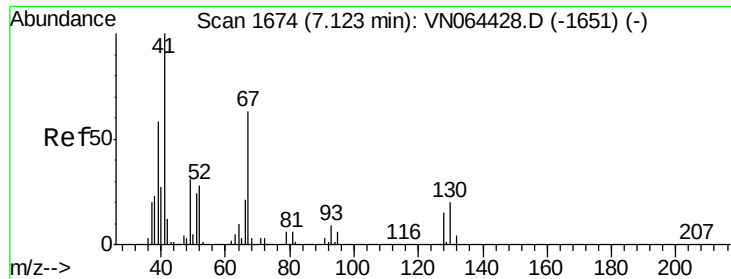
Tot Ion	83.00	Resp	221291
Ion	Ratio	Lower	Upper
83	100		
55	81.6	63.8	95.6
98	45.5	35.4	53.2



#40
Benzene
Concen: 46.771 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion	78.00	Resp	787150
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1

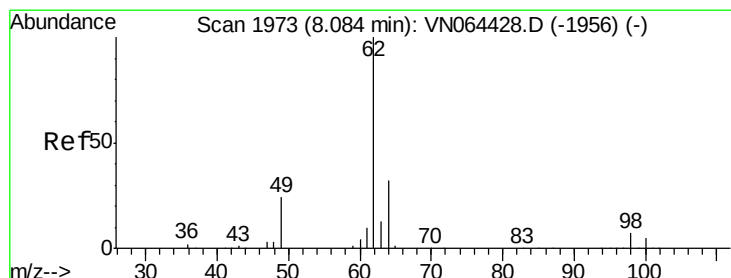
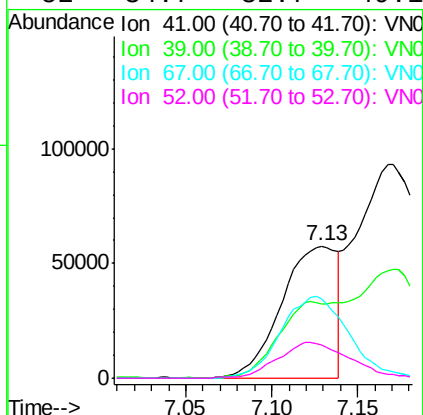
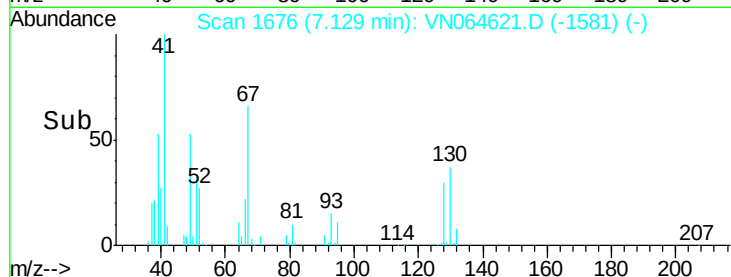
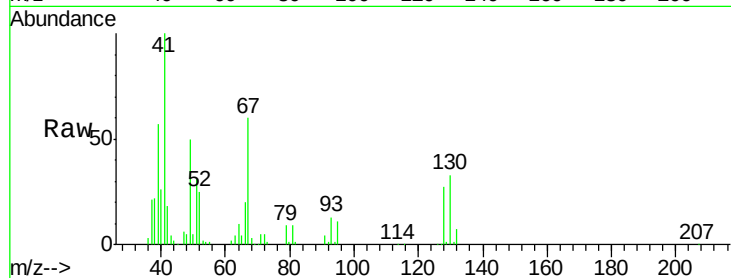




#41
Methacrylonitrile
Concen: 50.916 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

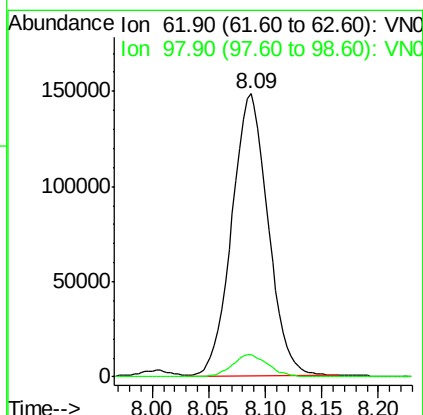
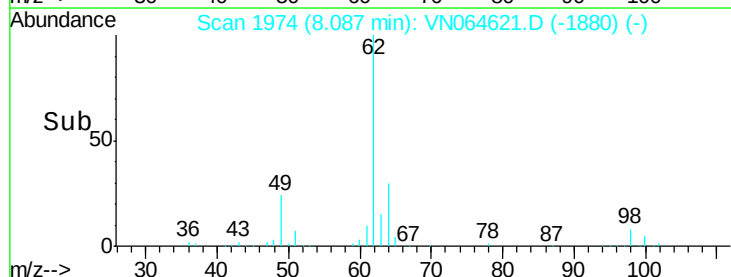
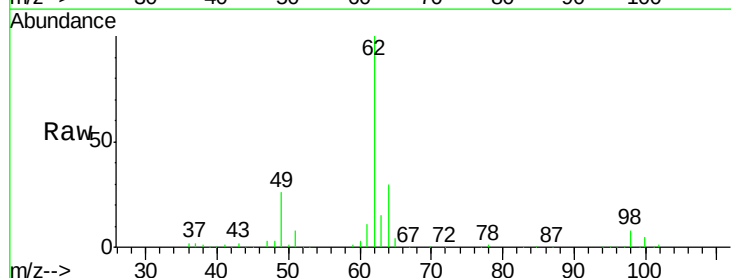
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

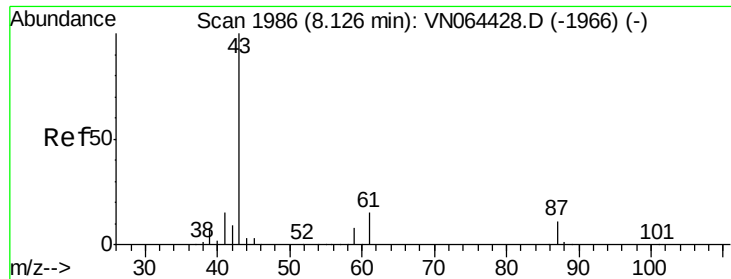
Tot Ion:	41	Resp:	129286
Ion	Ratio	Lower	Upper
41	100		
39	49.3	50.0	75.0#
67	76.2	68.3	102.5
52	34.7	32.7	49.1



#42
1,2-Dichloroethane
Concen: 48.750 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion:	62	Resp:	331105
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	14.0





#43

Isopropyl Acetate

Concen: 49.323 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

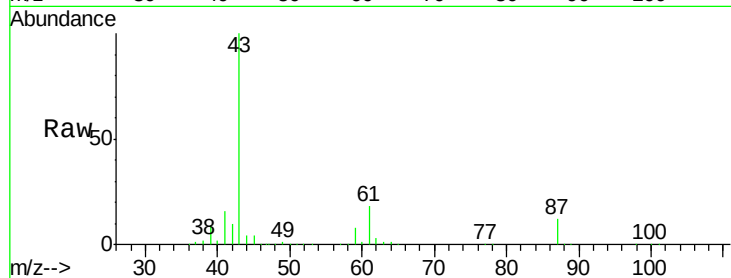
Tot Ion: 43 Resp: 457804

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

87 11.2 9.1 13.7

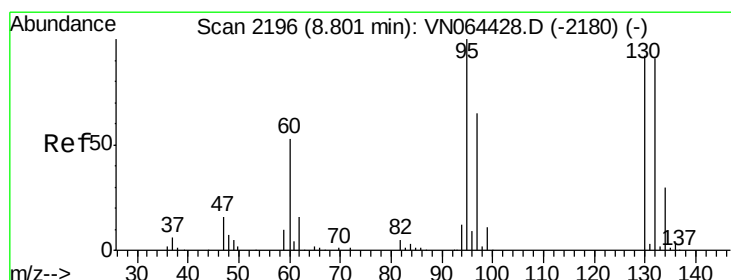
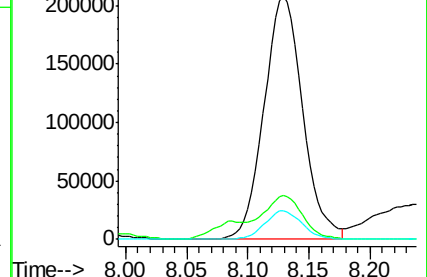
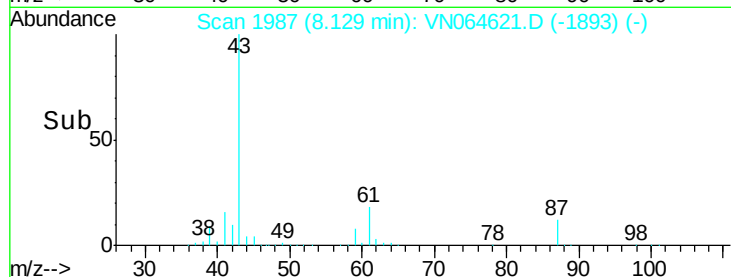


Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 46.446 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064621.D

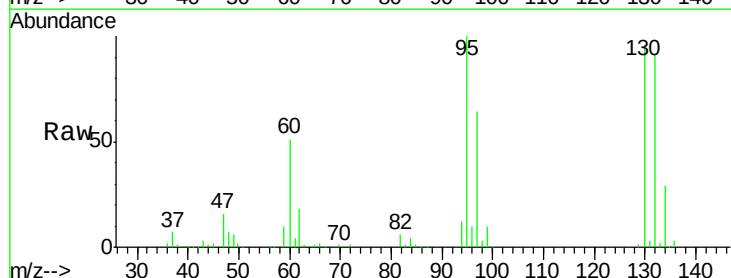
Acq: 13 Nov 2020 8:35

Tgt Ion: 130 Resp: 197217

Ion Ratio Lower Upper

130 100

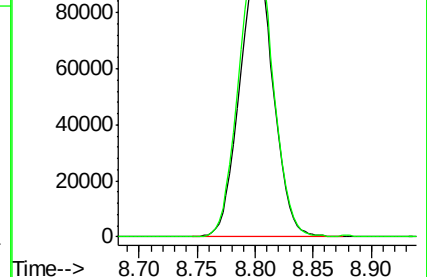
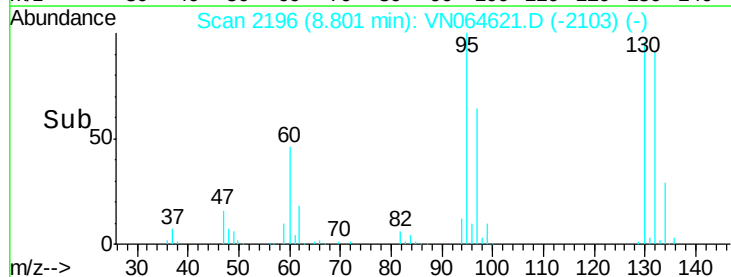
95 103.8 0.0 216.8

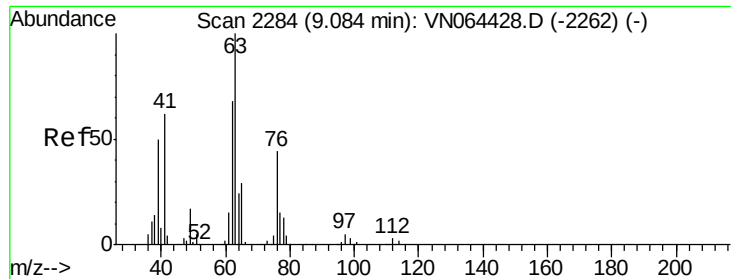


Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

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

Time-->

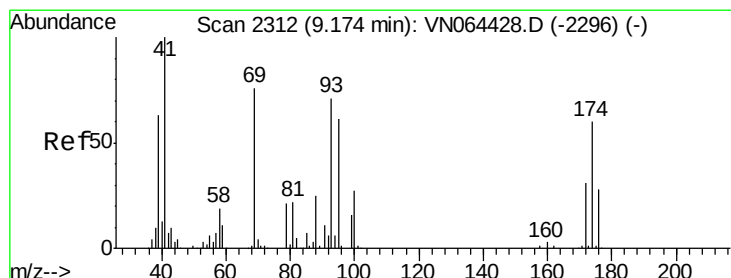
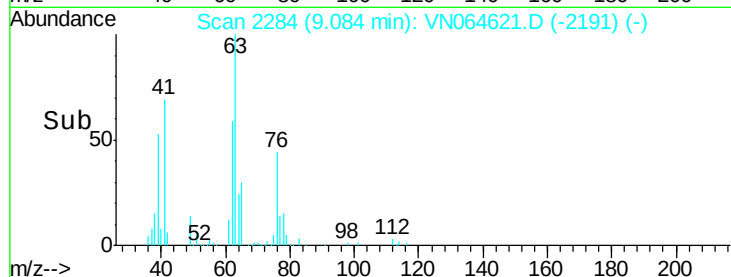
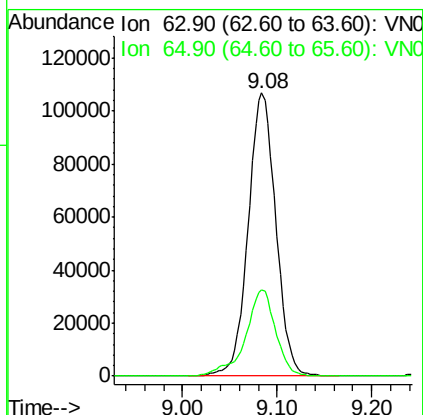
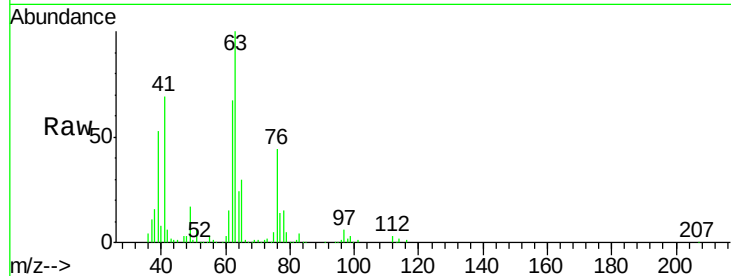




#45
 1,2-Dichloropropane
 Concen: 48.307 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

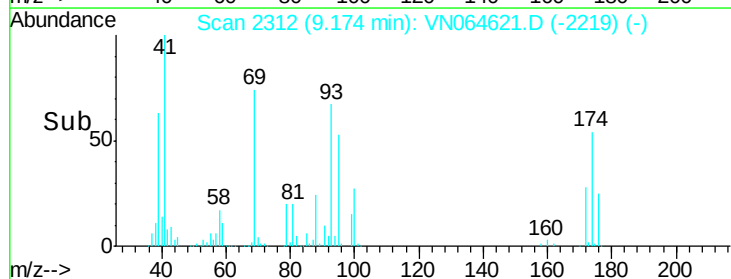
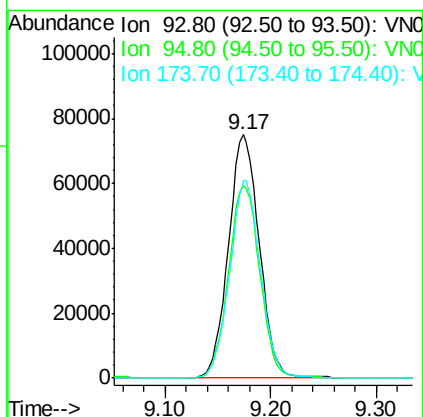
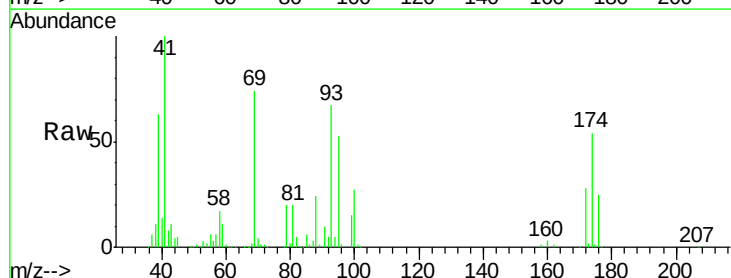
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

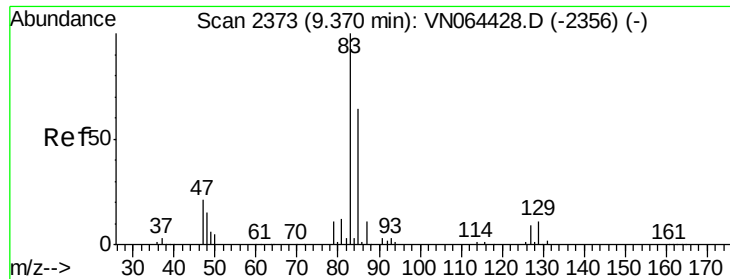
Tot Ion: 63 Resp: 216930
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.6 35.4



#46
 Dibromomethane
 Concen: 51.369 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 93 Resp: 151854
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.4 99.6
 174 81.2 67.2 100.8





#47

Bromodichloromethane

Concen: 50.565 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

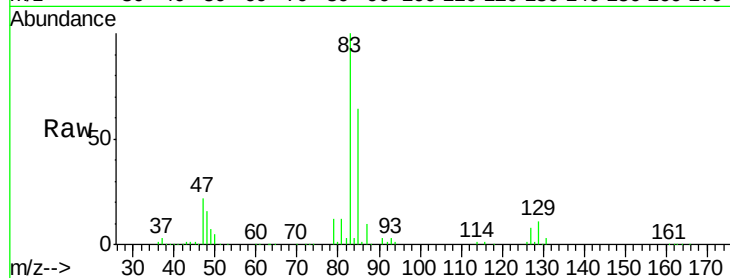
Tot Ion: 83 Resp: 321401

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

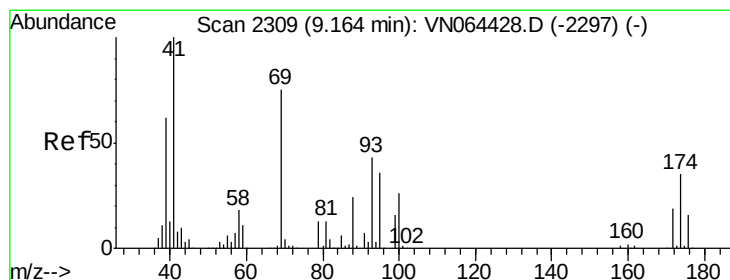
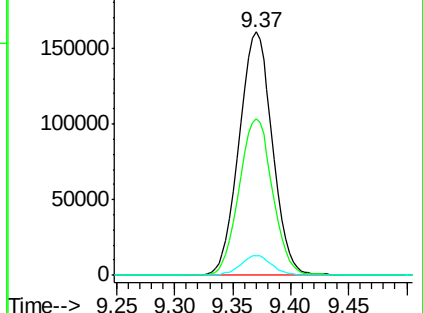
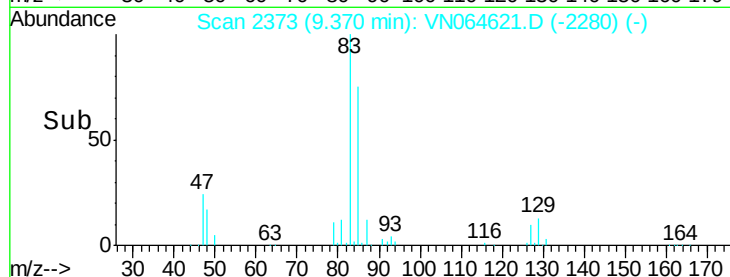
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064621.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064621.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064621.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.553 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

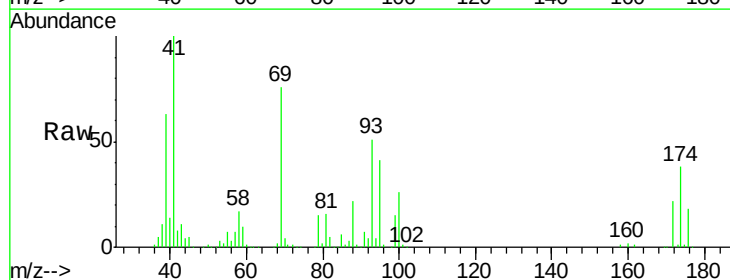
Tgt Ion: 41 Resp: 241452

Ion Ratio Lower Upper

41 100

69 74.6 60.4 90.6

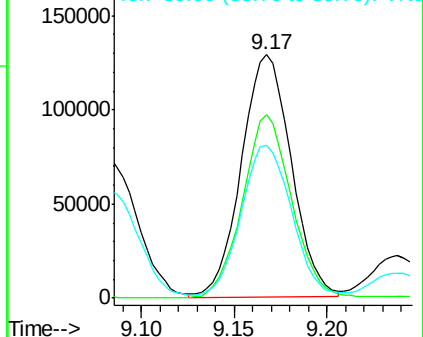
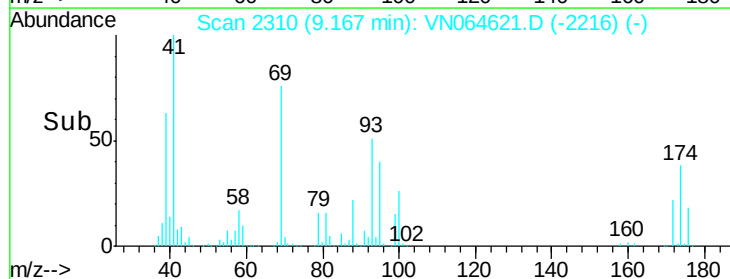
39 64.3 51.2 76.8

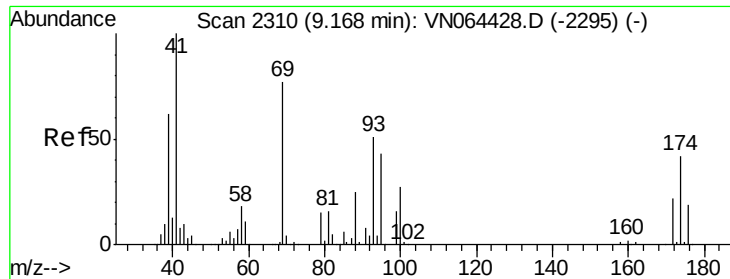


Abundance Ion 41.00 (40.70 to 41.70): VN064621.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064621.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064621.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1006.386 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

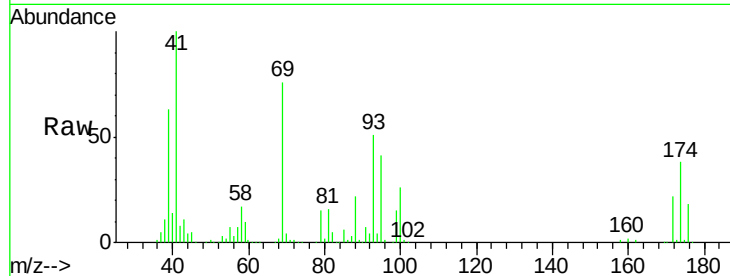
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 62083

Ion	Ratio	Lower	Upper
88	100		
43	39.0	31.0	46.6
58	71.7	58.4	87.6

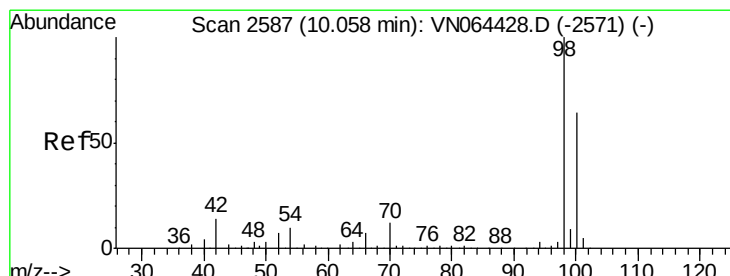
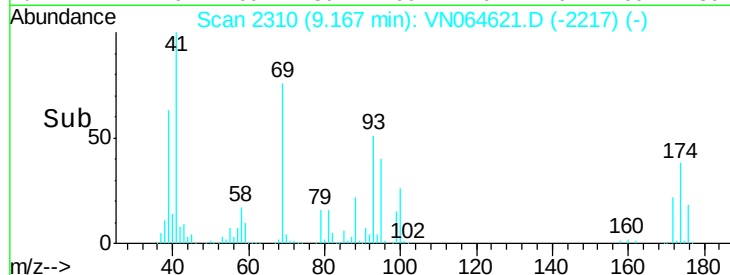
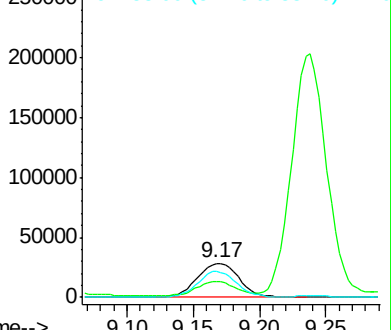


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.078 ug/l

RT: 10.06 min Scan# 2587

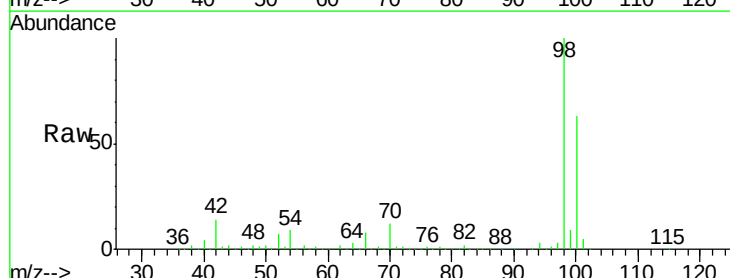
Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion: 98 Resp: 671651

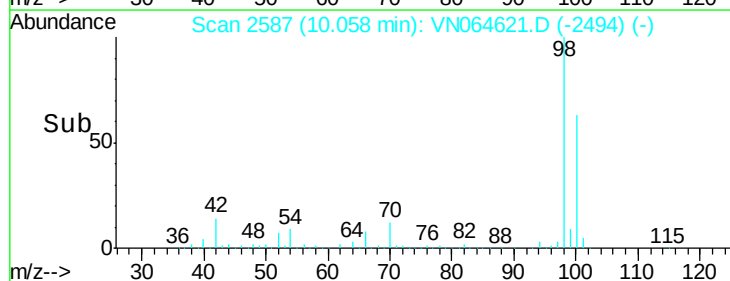
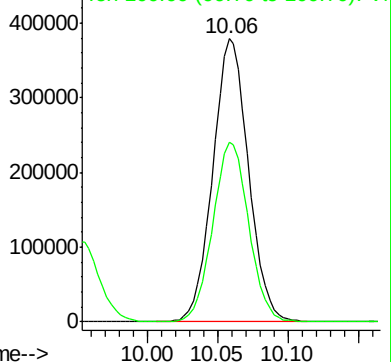
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

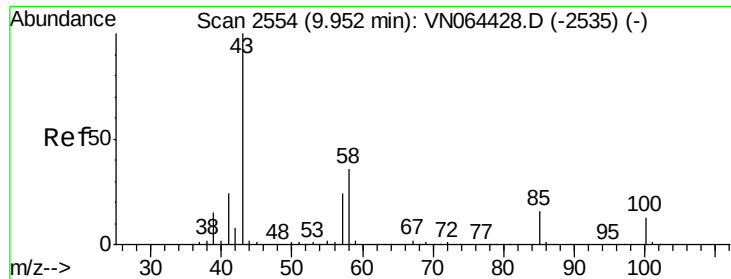


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 273.552 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

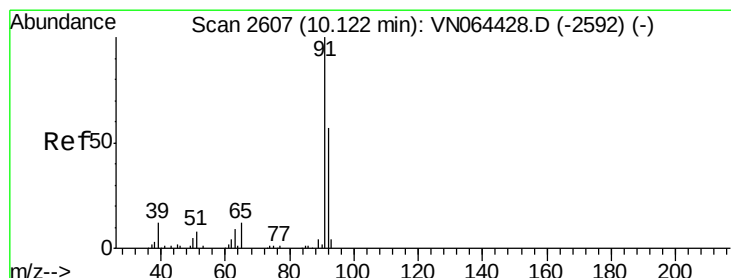
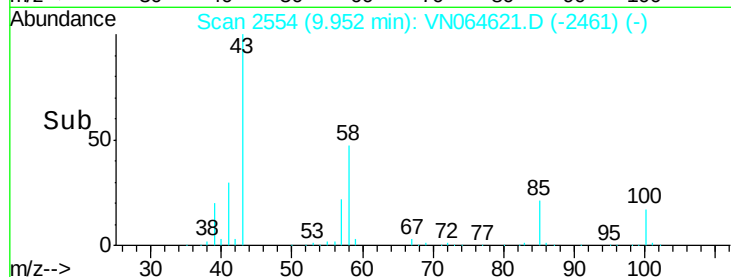
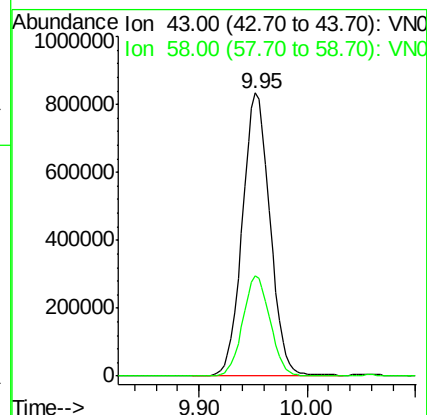
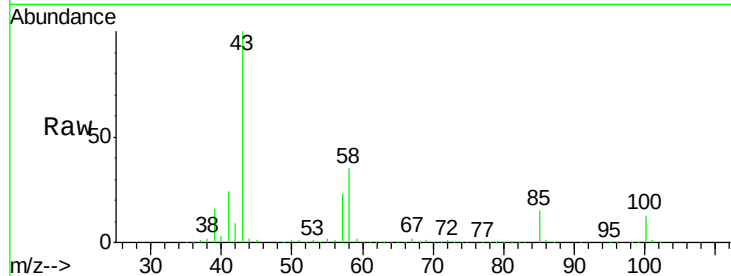
VSTDCCC050EC

Tot Ion: 43 Resp: 1480681

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 48.592 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064621.D

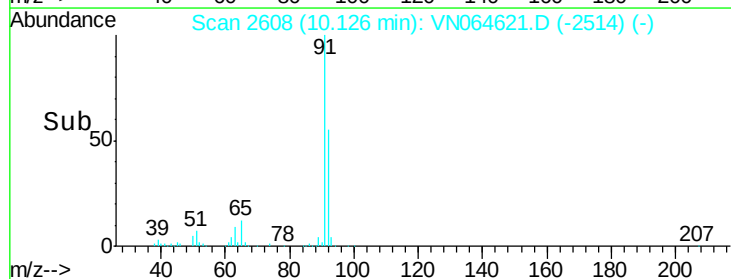
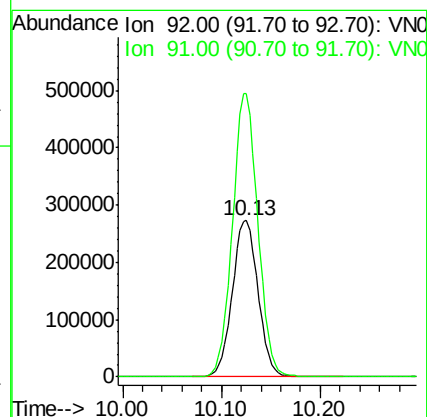
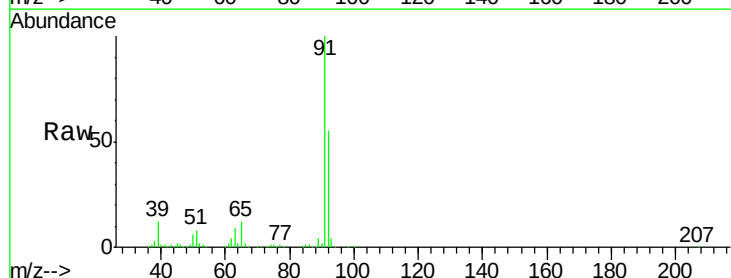
Acq: 13 Nov 2020 8:35

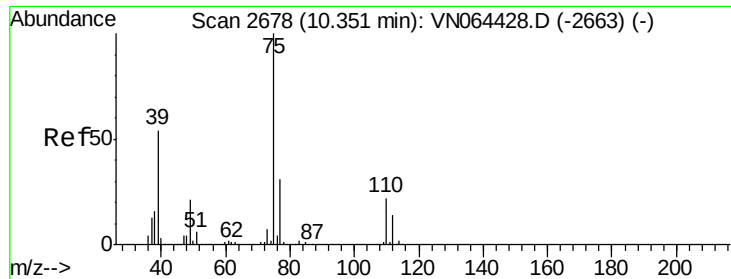
Tgt Ion: 92 Resp: 498787

Ion Ratio Lower Upper

92 100

91 178.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 47.796 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

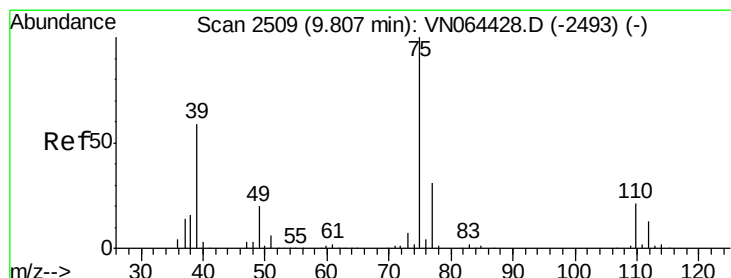
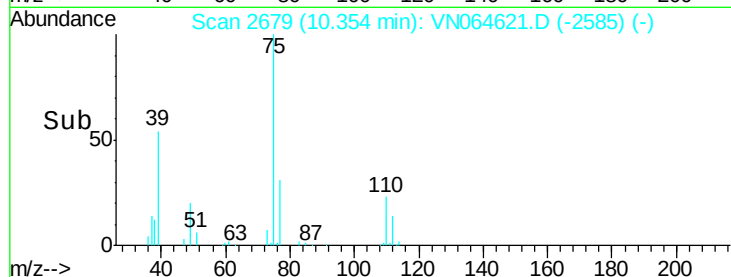
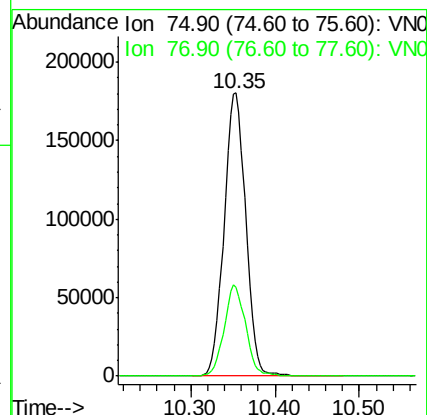
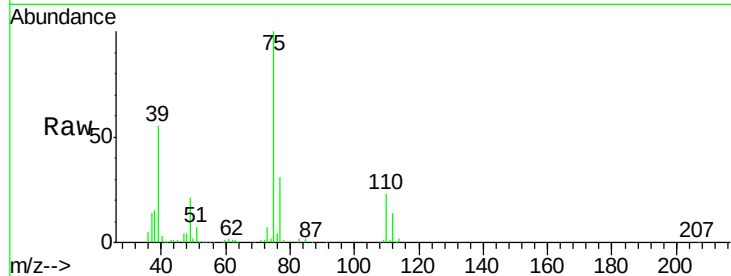
VSTDCCC050EC

Tot Ion: 75 Resp: 322087

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 44.681 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

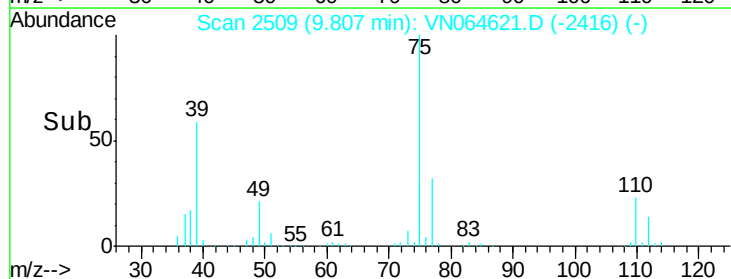
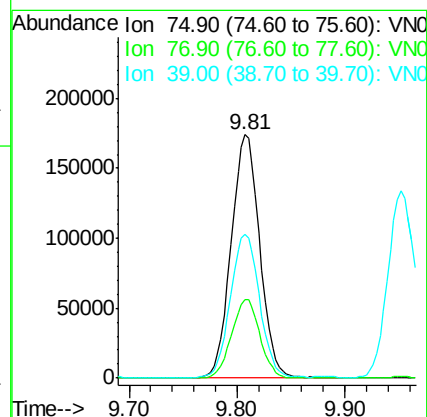
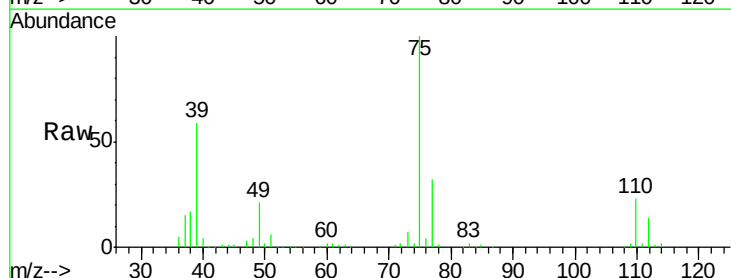
Tgt Ion: 75 Resp: 321925

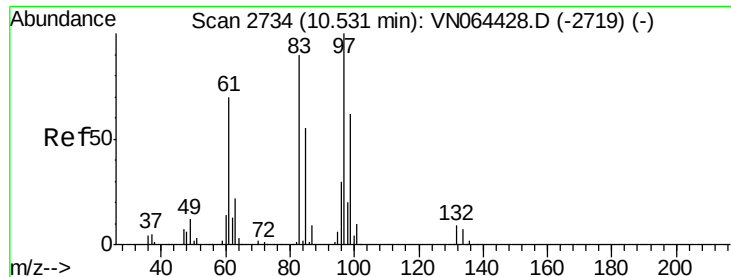
Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

39 59.0 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 49.733 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 199094

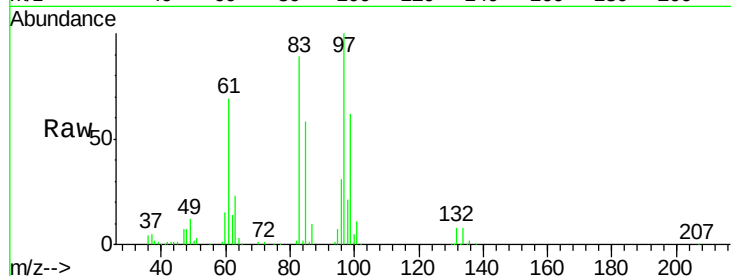
Ion Ratio Lower Upper

97 100

83 89.2 71.7 107.5

85 57.8 44.3 66.5

99 62.2 49.4 74.2

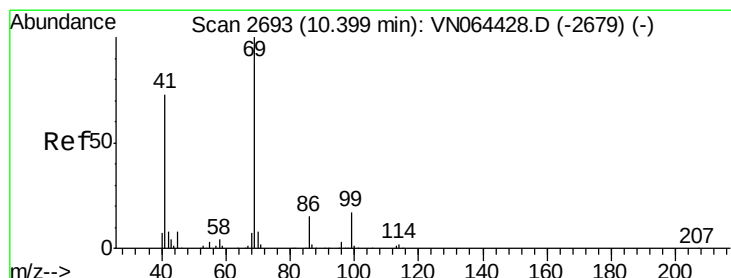
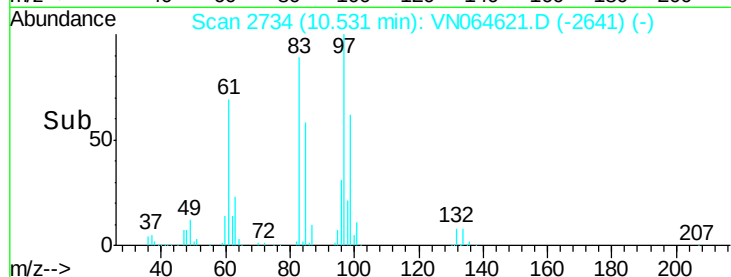
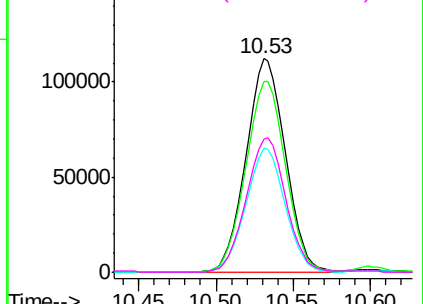


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 45.178 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

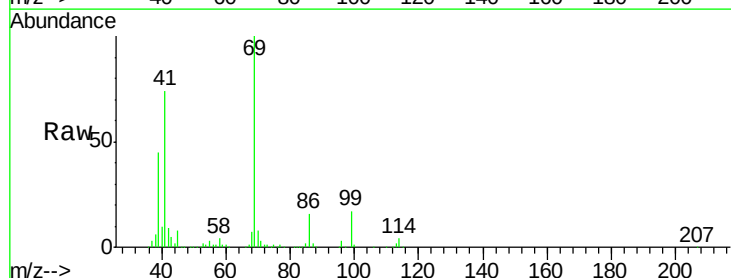
Tgt Ion: 69 Resp: 296352

Ion Ratio Lower Upper

69 100

41 74.0 59.3 88.9

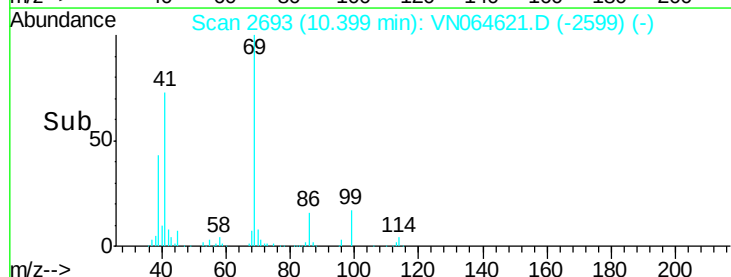
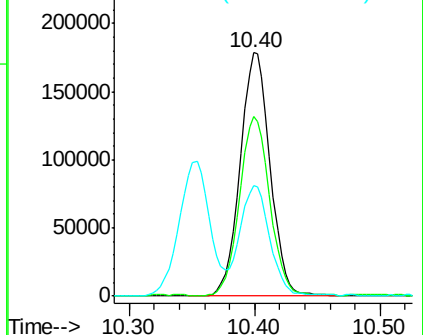
39 45.2 35.4 53.0

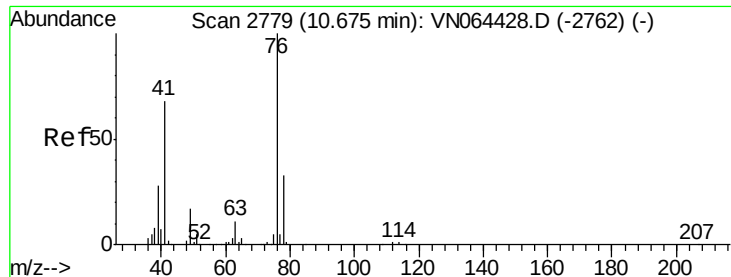


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.243 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

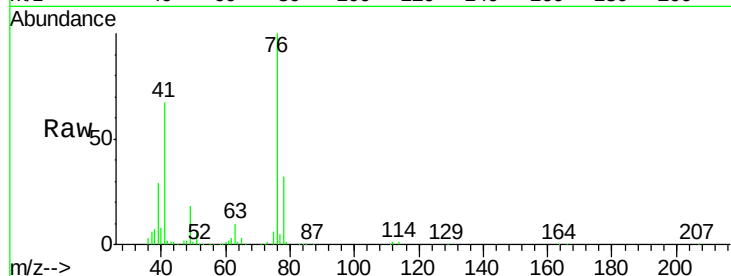
VSTDCCC050EC

Tot Ion: 76 Resp: 351074

Ion Ratio Lower Upper

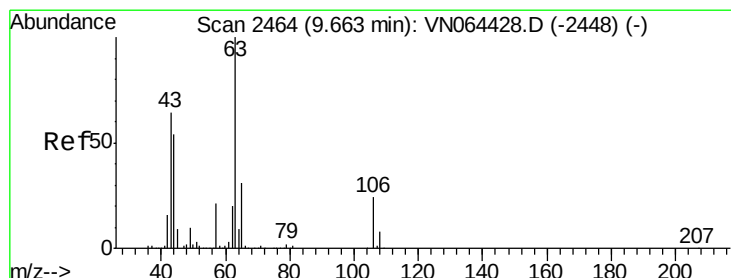
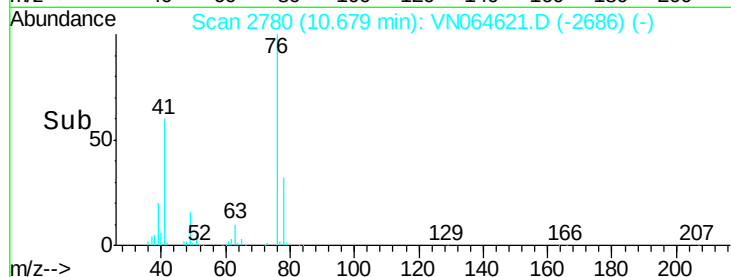
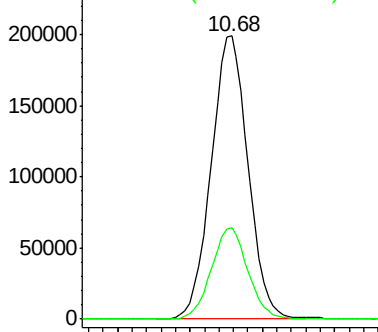
76 100

78 32.0 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: 253.234 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064621.D

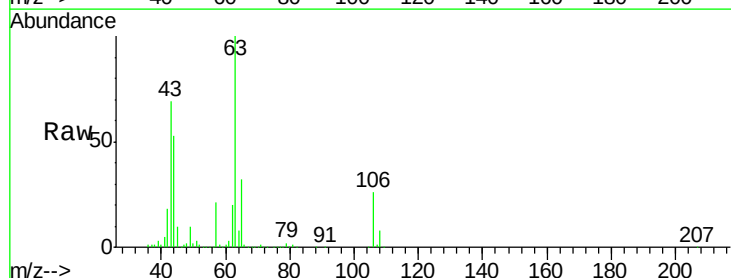
Acq: 13 Nov 2020 8:35

Tgt Ion: 63 Resp: 789073

Ion Ratio Lower Upper

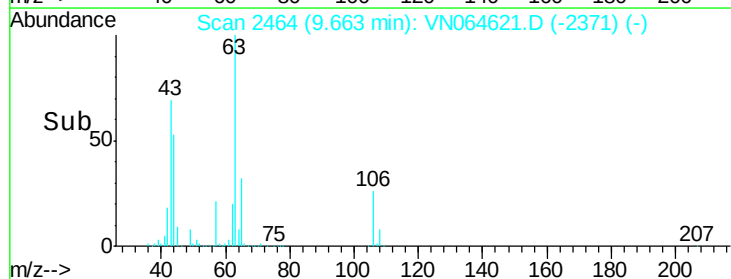
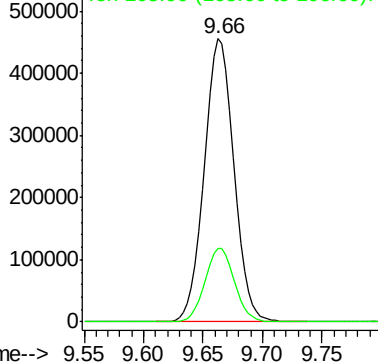
63 100

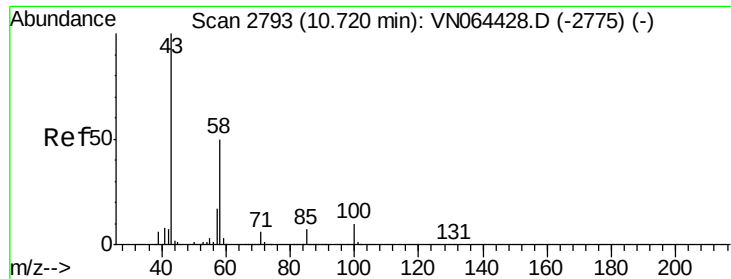
106 26.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

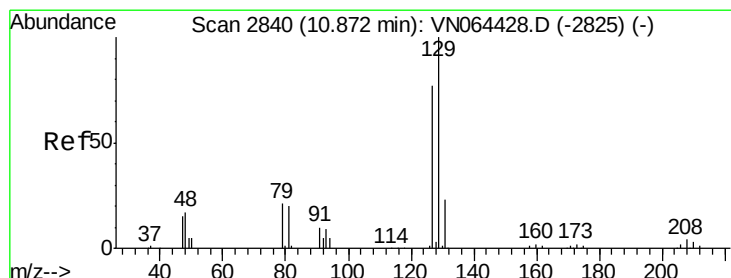
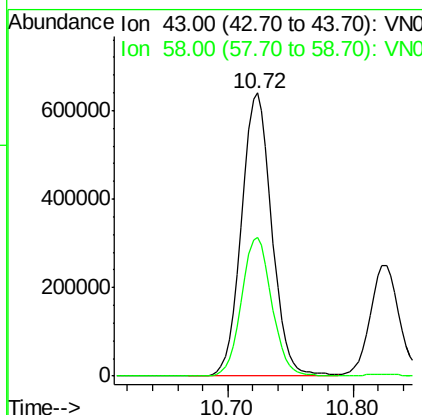
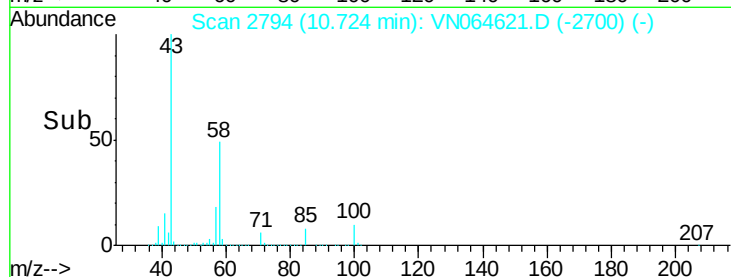
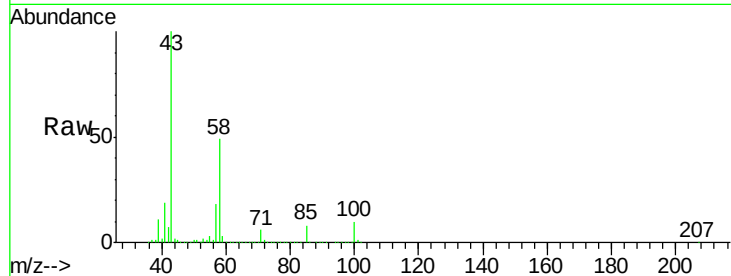




#59
2-Hexanone
Concen: 241.268 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

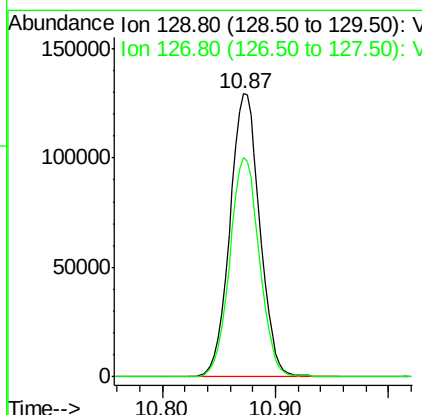
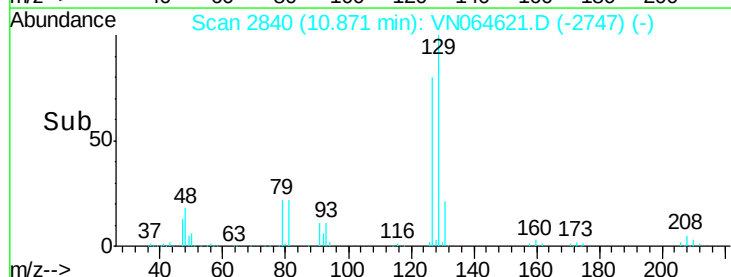
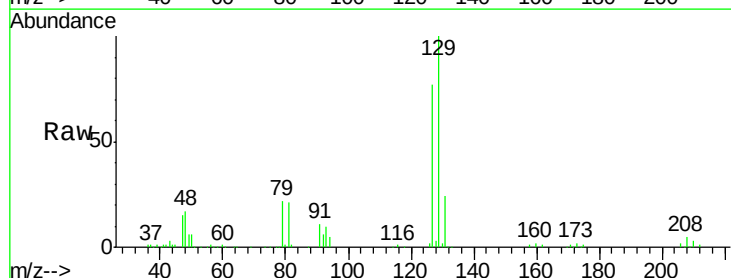
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

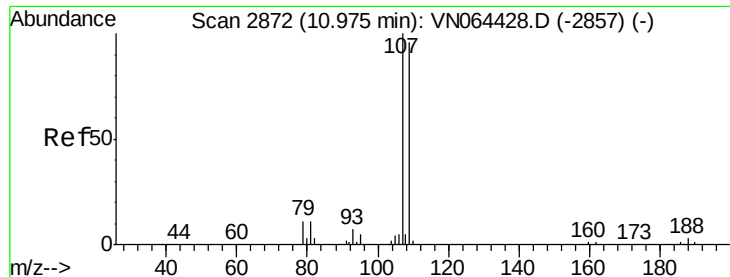
Tot Ion: 43 Resp: 1064282
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 52.967 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 129 Resp: 237399
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.555 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

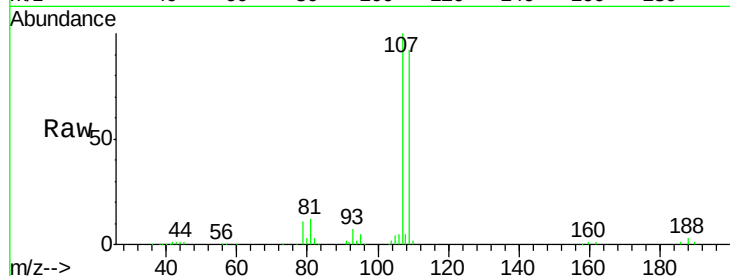
VSTDCCC050EC

Tot Ion: 107 Resp: 213402

Ion Ratio Lower Upper

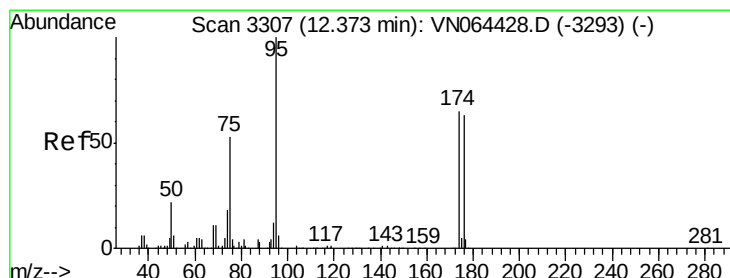
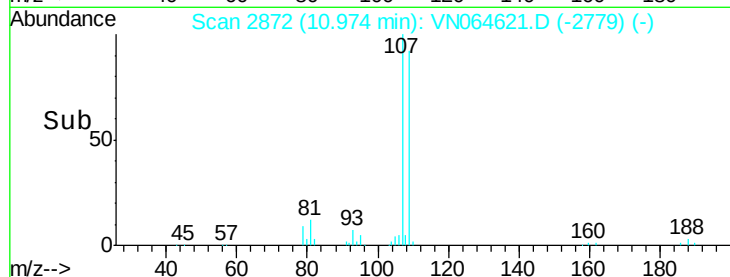
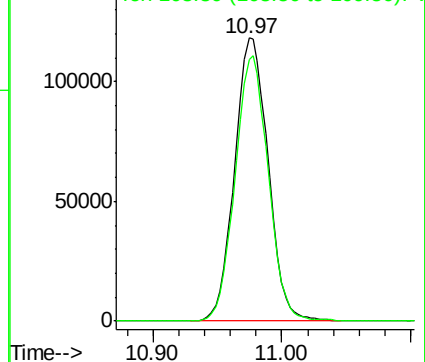
107 100

109 92.7 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: 47.098 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

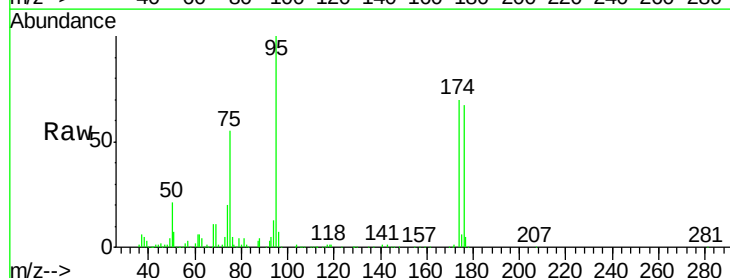
Tgt Ion: 95 Resp: 254118

Ion Ratio Lower Upper

95 100

174 69.3 0.0 132.6

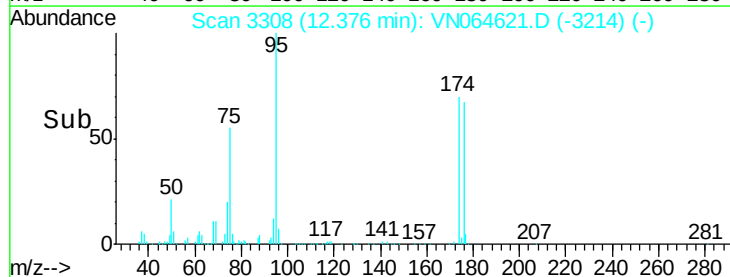
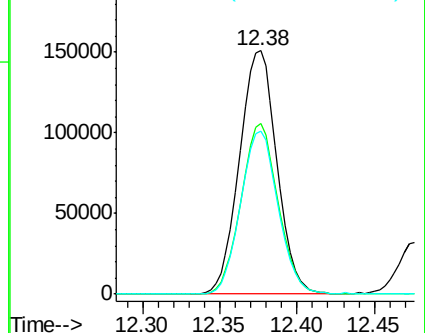
176 67.0 0.0 129.2

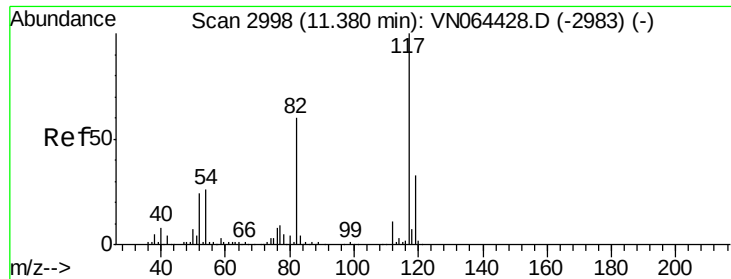


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

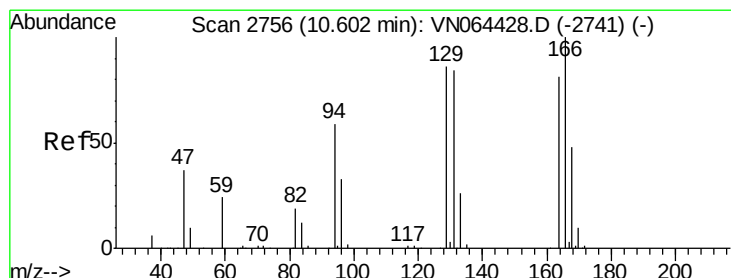
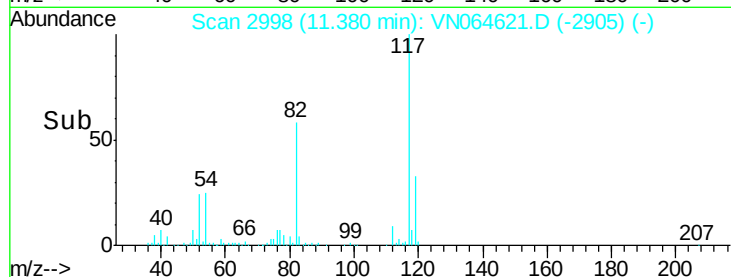
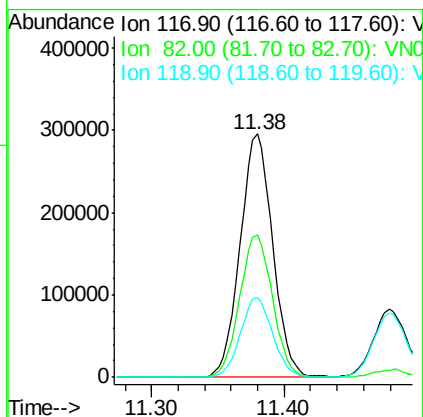
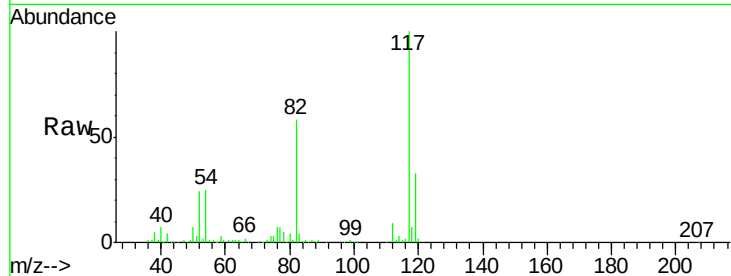




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

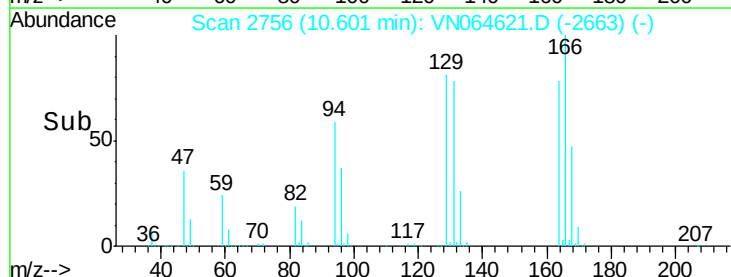
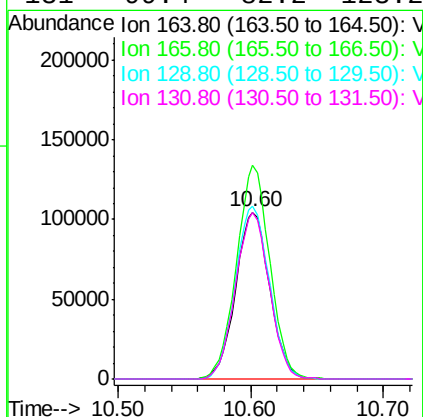
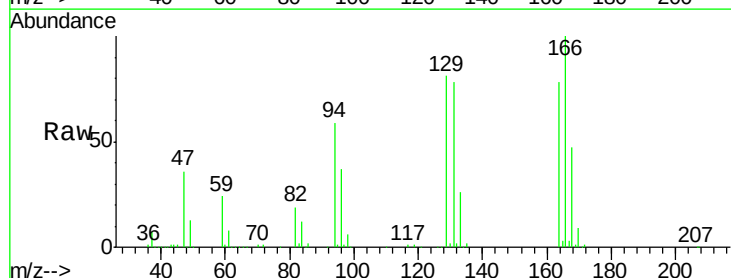
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

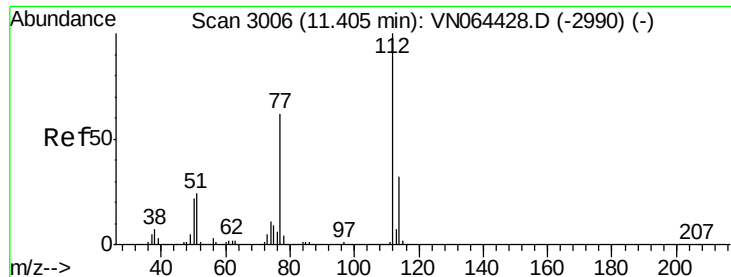
Tot Ion:117 Resp: 505280
Ion Ratio Lower Upper
117 100
82 58.3 48.1 72.1
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 47.767 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion:164 Resp: 185918
Ion Ratio Lower Upper
164 100
166 128.0 98.2 147.2
129 103.4 84.6 127.0
131 99.4 82.2 123.2

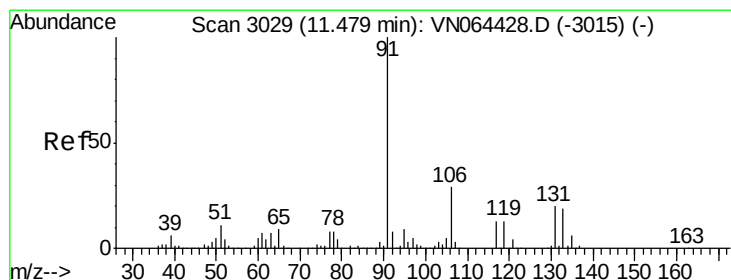
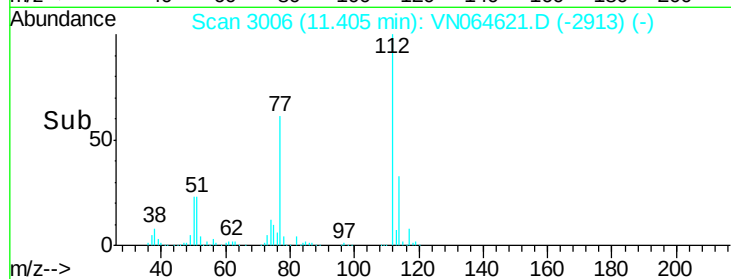
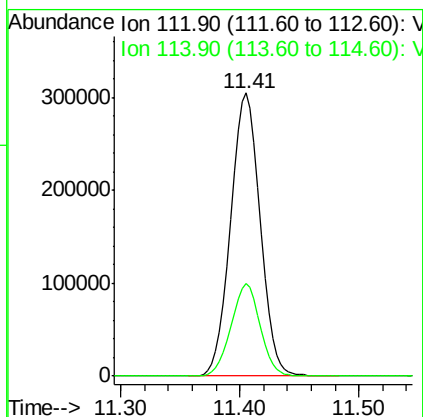
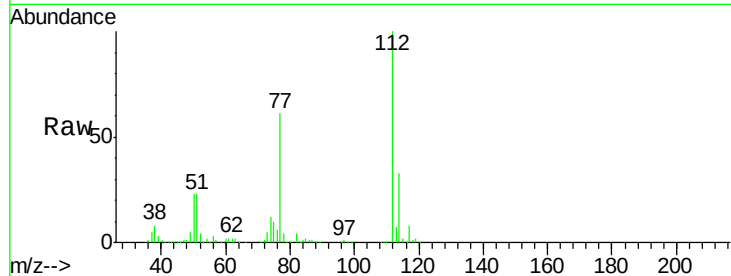




#65
Chlorobenzene
Concen: 47.422 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

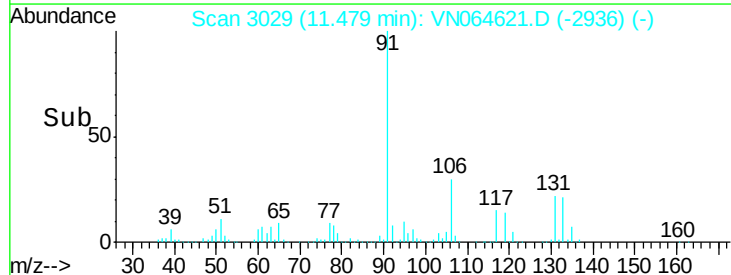
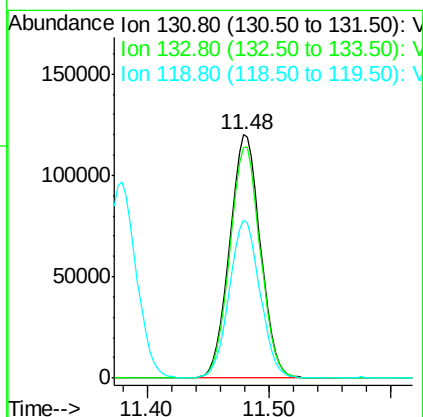
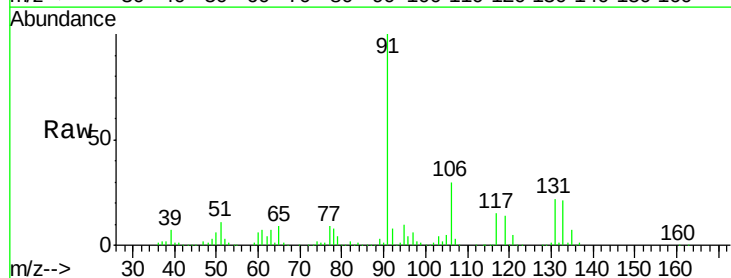
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

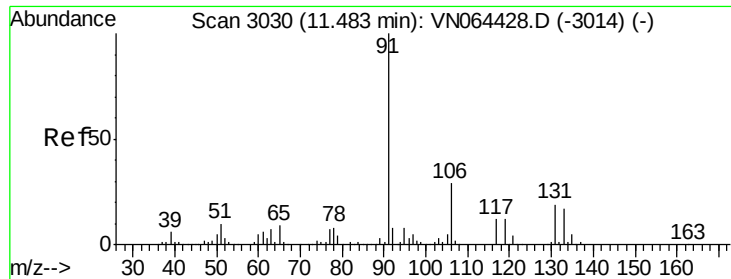
Tot Ion:112 Resp: 525287
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.036 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion:131 Resp: 210899
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.7
119 64.9 32.1 96.5

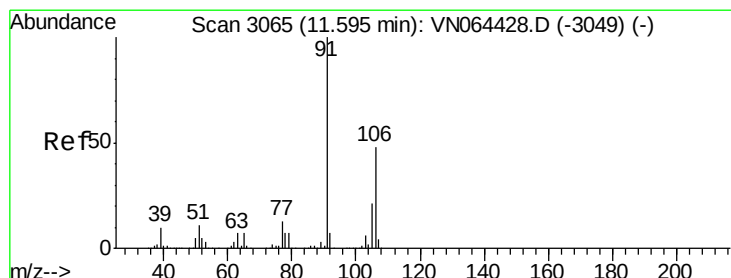
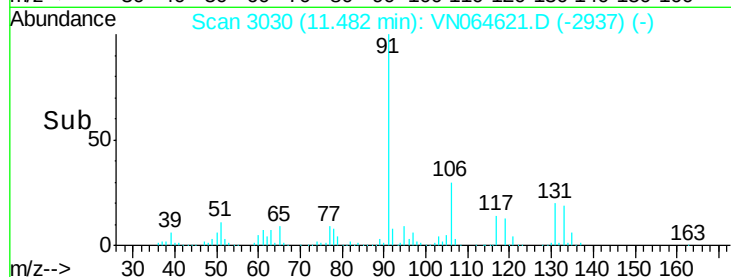
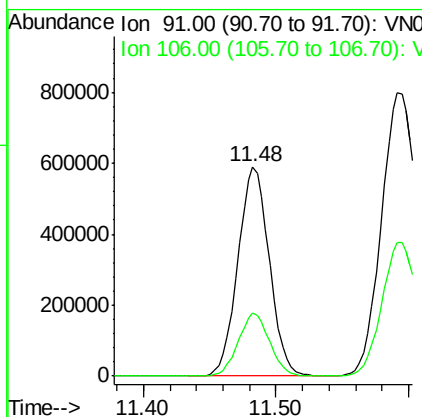
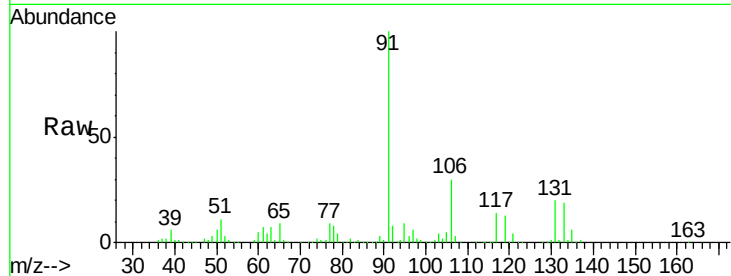




#67
Ethyl Benzene
Concen: 49.308 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

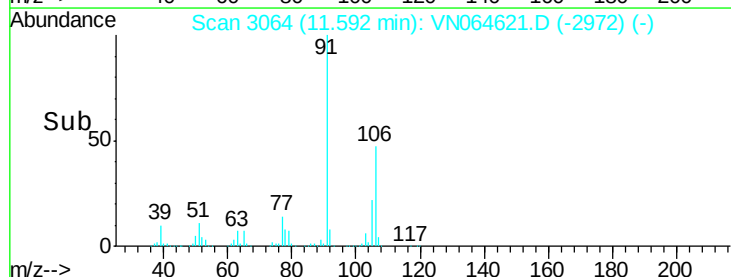
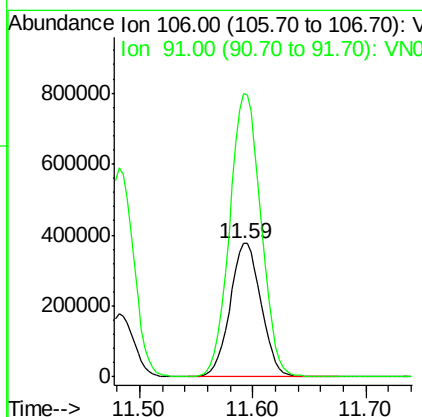
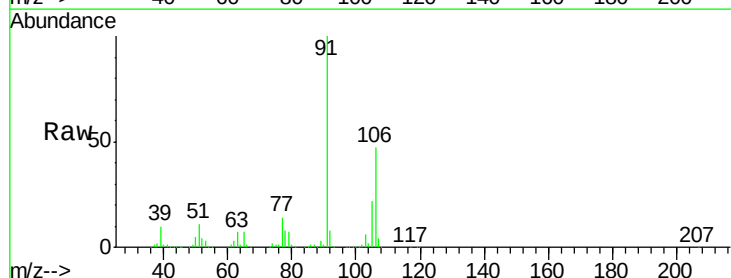
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

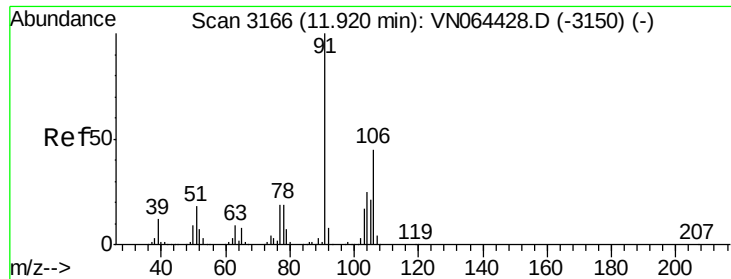
Tot Ion: 91 Resp: 971502
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 100.299 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 106 Resp: 716681
Ion Ratio Lower Upper
106 100
91 214.3 169.4 254.2

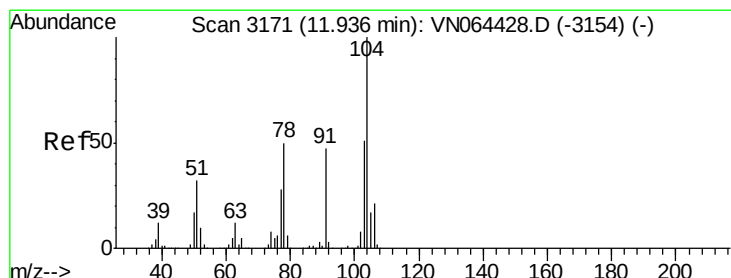
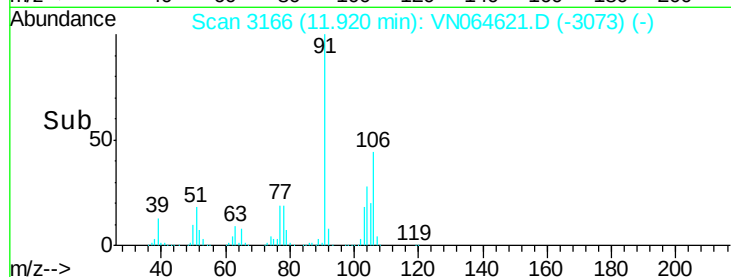
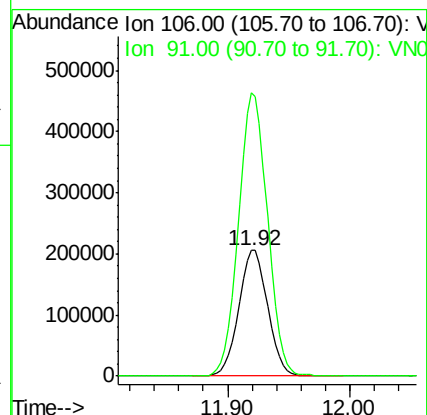
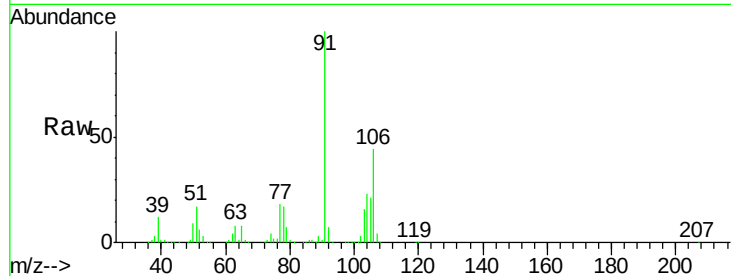




#69
o-Xylene
Concen: 49.011 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

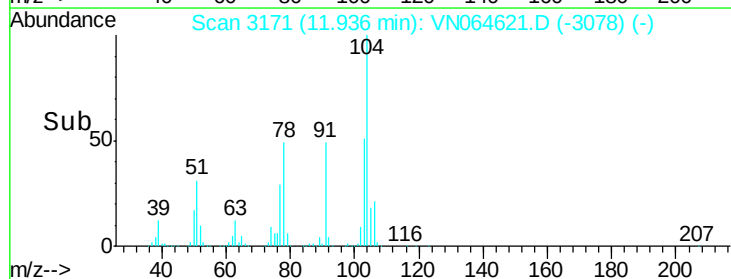
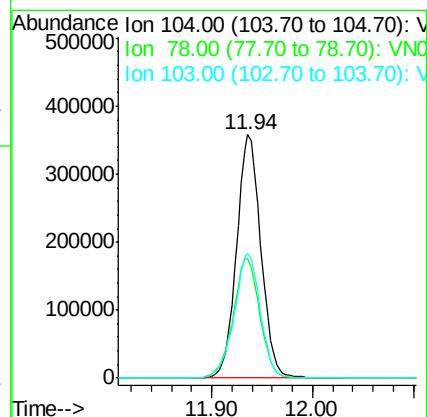
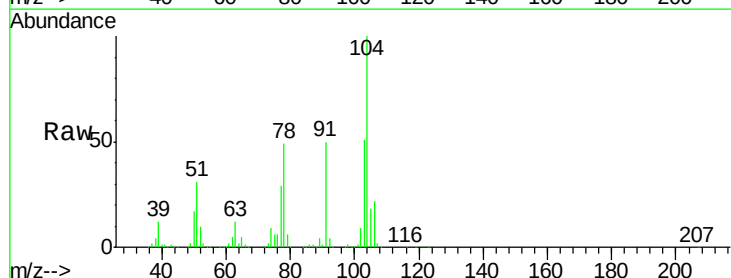
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

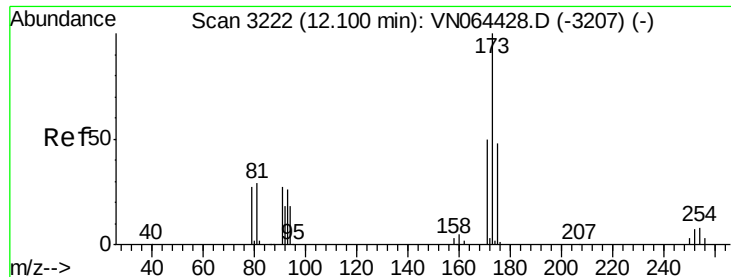
Tot Ion:106 Resp: 338410
Ion Ratio Lower Upper
106 100
91 225.7 111.7 334.9



#70
Styrene
Concen: 51.884 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion:104 Resp: 602829
Ion Ratio Lower Upper
104 100
78 53.7 44.0 66.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 50.955 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

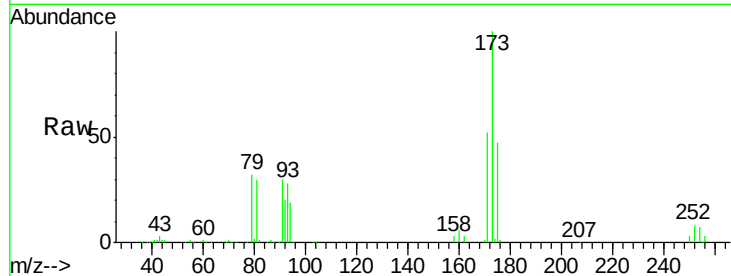
Tot Ion:173 Resp: 158182

Ion Ratio Lower Upper

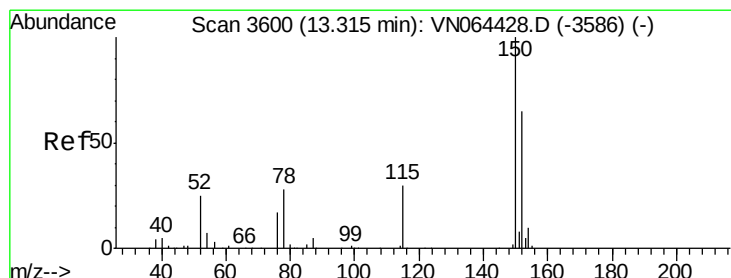
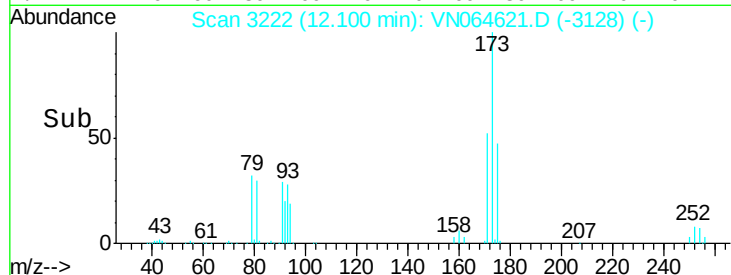
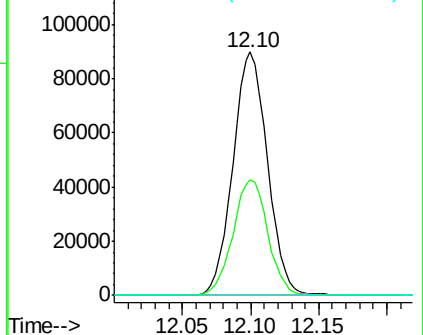
173 100

175 47.9 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: VN064621.D

Acq: 13 Nov 2020 8:35

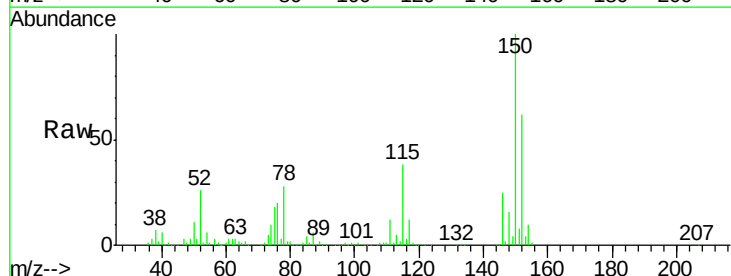
Tgt Ion:152 Resp: 242234

Ion Ratio Lower Upper

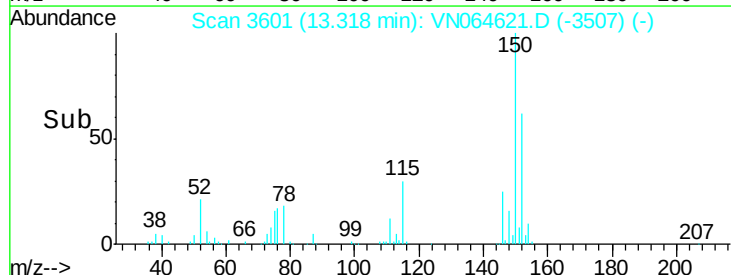
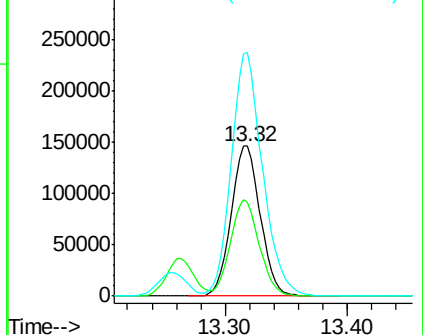
152 100

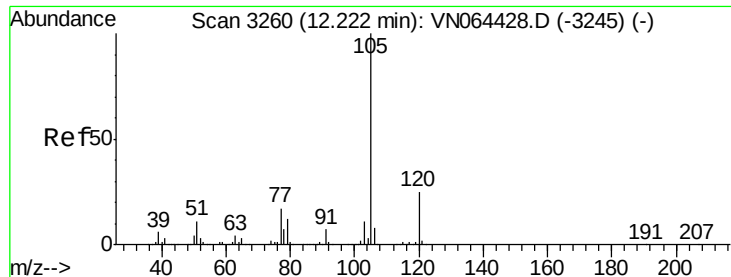
115 63.9 32.0 96.0

150 174.2 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: 46.695 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

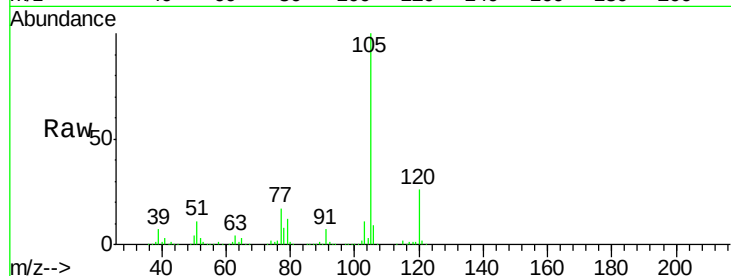
VSTDCCC050EC

Tot Ion:105 Resp: 899040

Ion Ratio Lower Upper

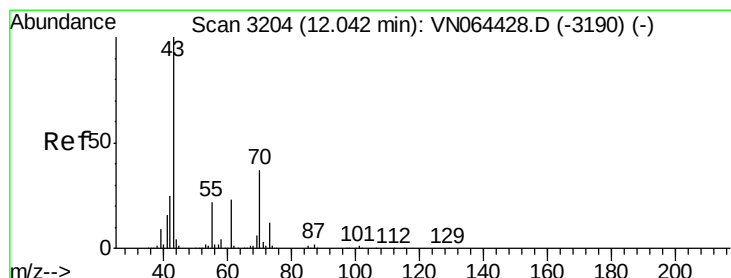
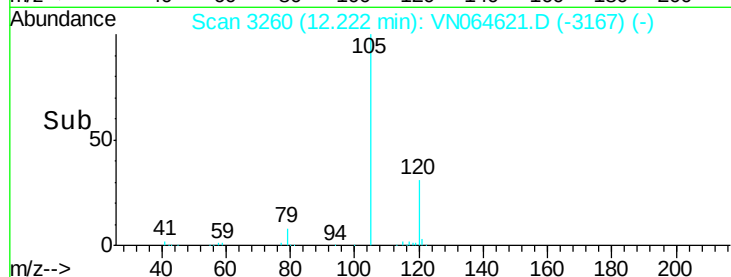
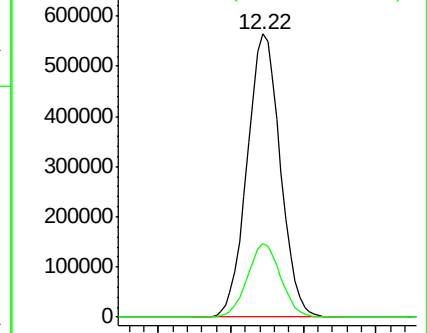
105 100

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



#74

N-ethyl acetate

Concen: 43.705 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Tgt Ion: 43 Resp: 406653

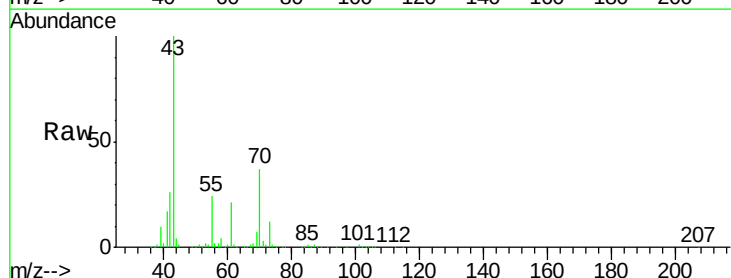
Ion Ratio Lower Upper

43 100

70 37.3 29.6 44.4

55 23.7 18.4 27.6

61 21.2 17.8 26.6

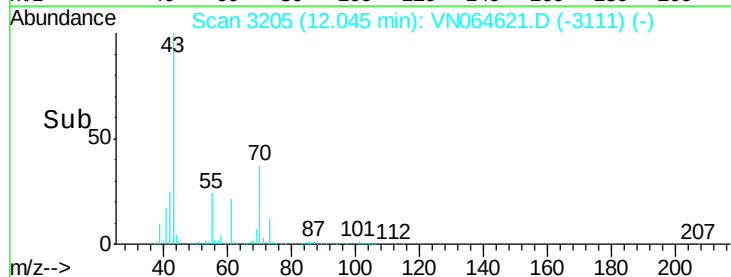
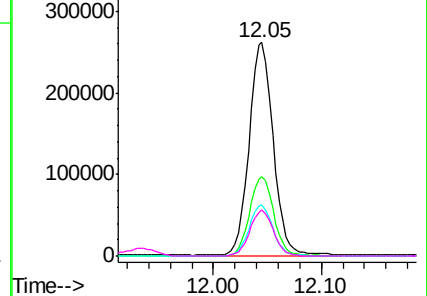


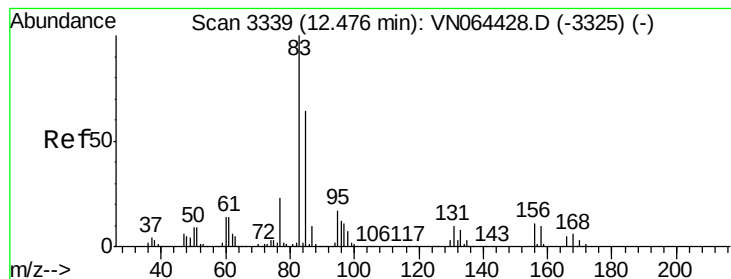
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.276 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

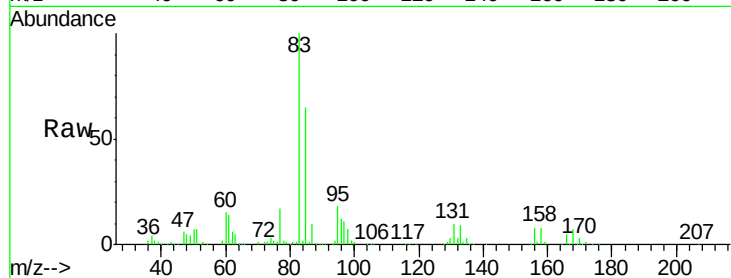
Tot Ion: 83 Resp: 297321

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

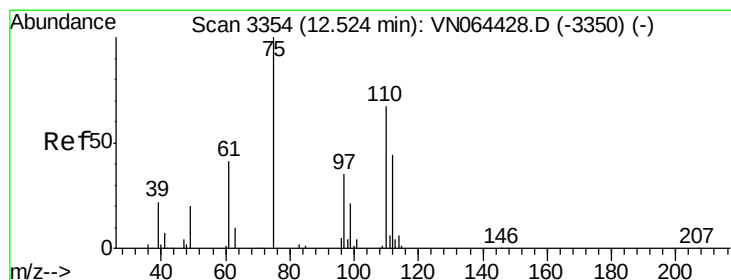
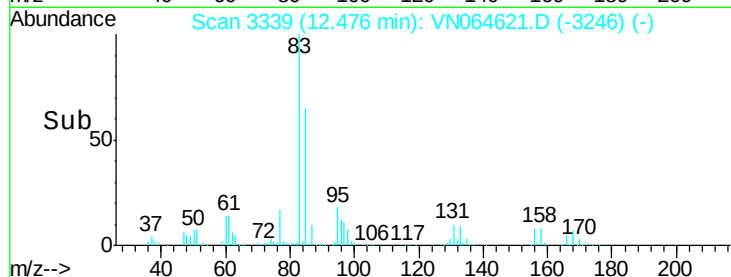
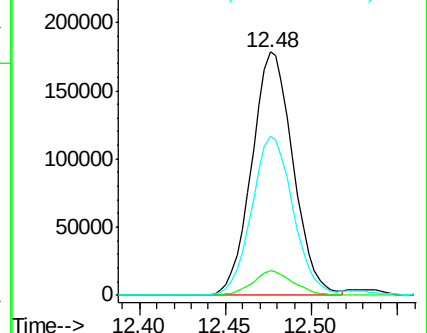
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.294 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064621.D

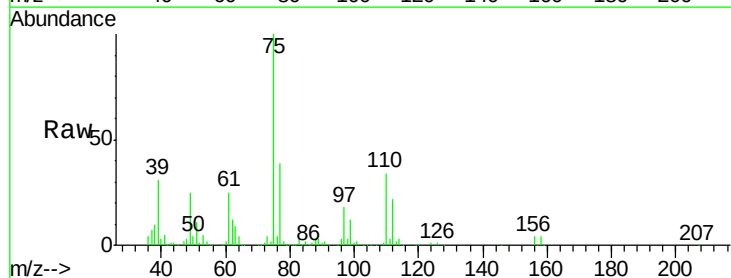
Acq: 13 Nov 2020 8:35

Tgt Ion: 75 Resp: 394957

Ion Ratio Lower Upper

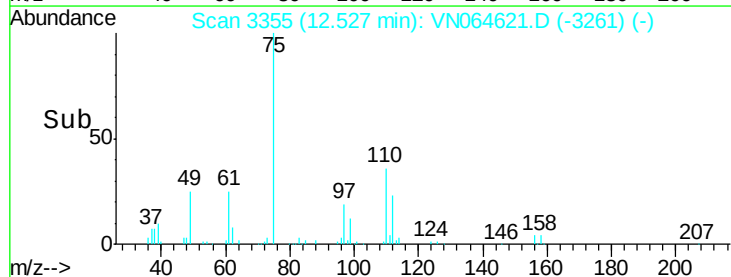
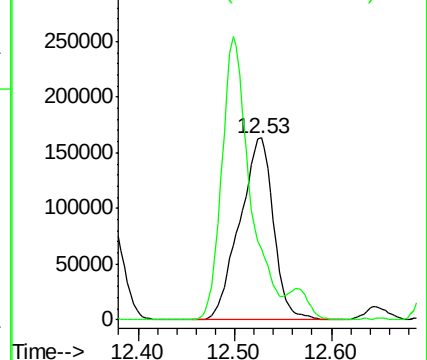
75 100

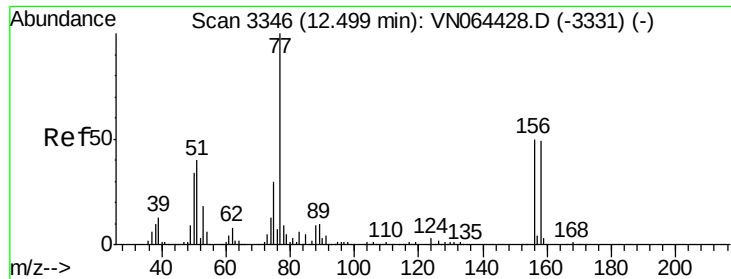
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

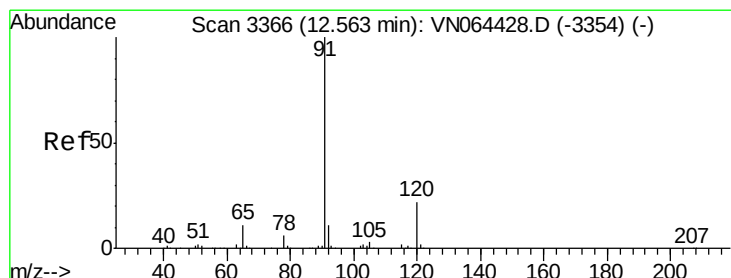
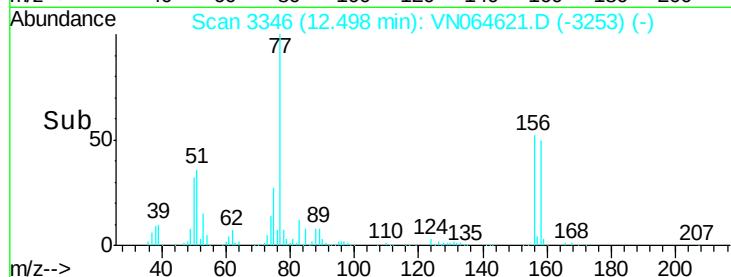
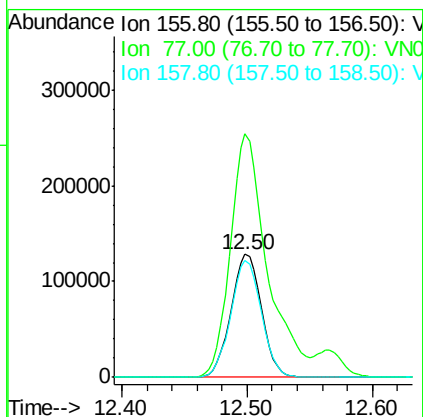
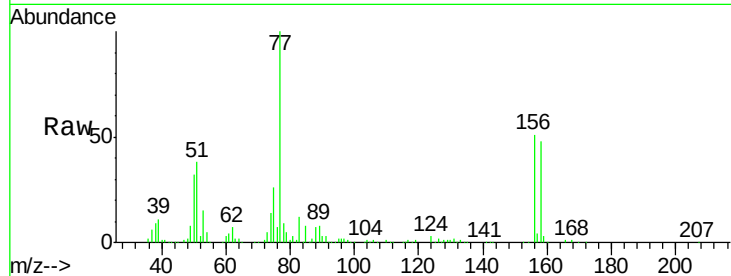




#77
Bromobenzene
Concen: 46.260 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

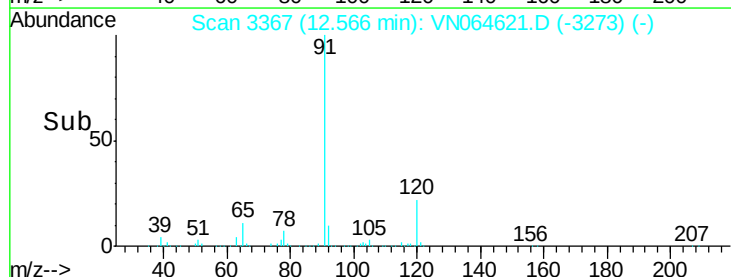
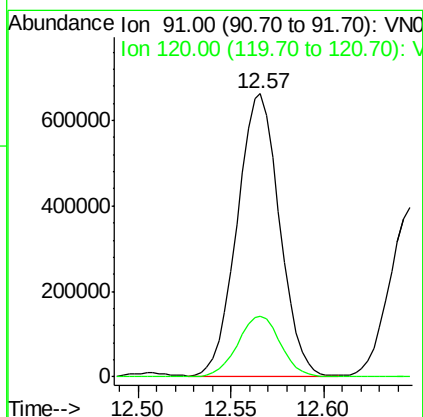
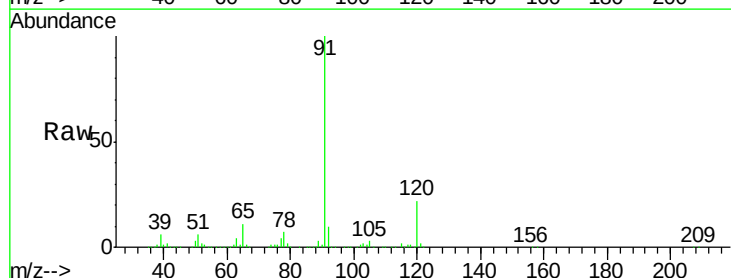
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

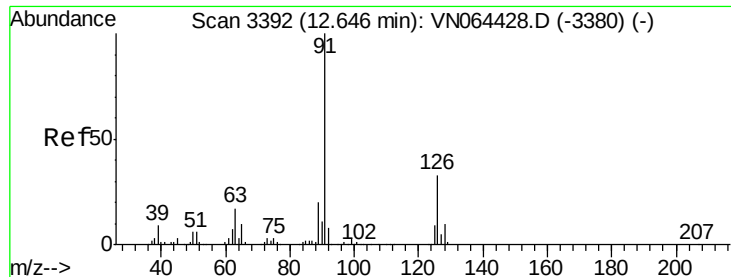
Tot Ion:156 Resp: 217451
Ion Ratio Lower Upper
156 100
77 237.6 119.0 357.0
158 95.4 48.4 145.3



#78
n-propylbenzene
Concen: 47.536 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064621.D
Acq: 13 Nov 2020 8:35

Tgt Ion: 91 Resp: 1043446
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.016 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

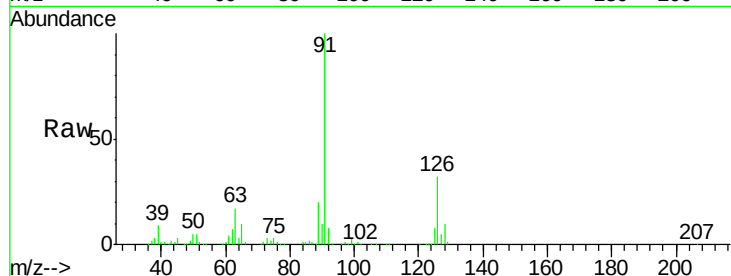
VSTDCCC050EC

Tot Ion: 91 Resp: 654548

Ion Ratio Lower Upper

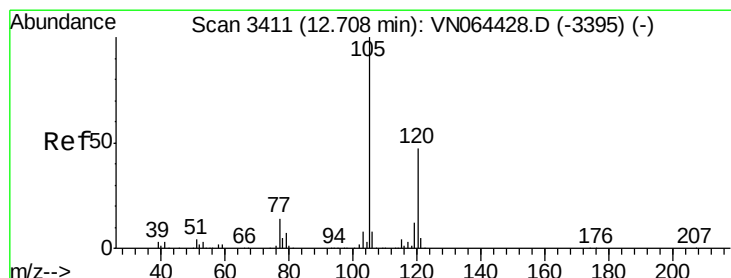
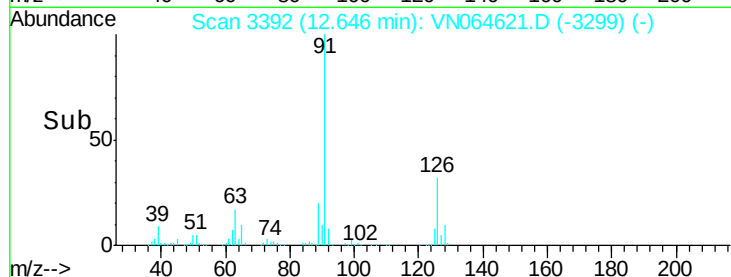
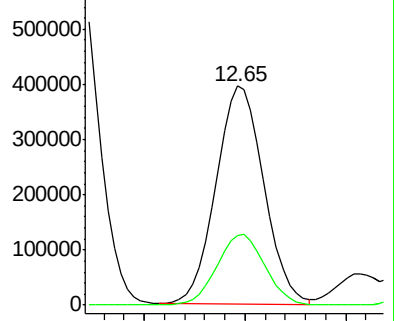
91 100

126 32.7 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: 48.465 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064621.D

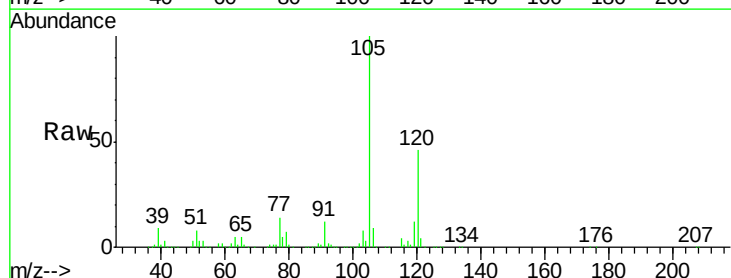
Acq: 13 Nov 2020 8:35

Tgt Ion: 105 Resp: 769801

Ion Ratio Lower Upper

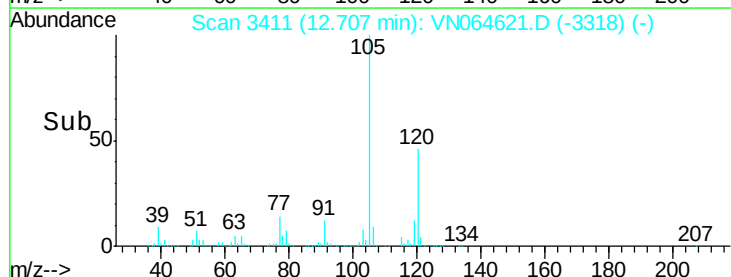
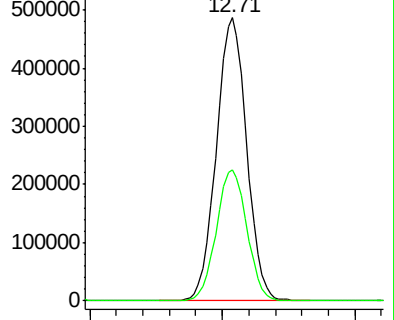
105 100

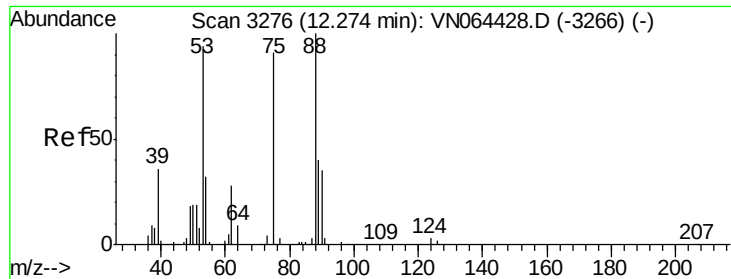
120 46.5 23.4 70.2



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: 42.970 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

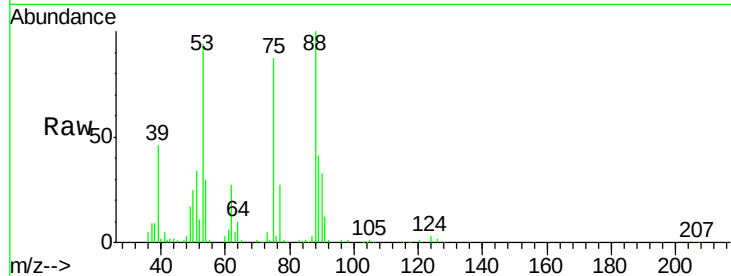
Tot Ion: 75 Resp: 90324

Ion Ratio Lower Upper

75 100

53 106.0 84.0 126.0

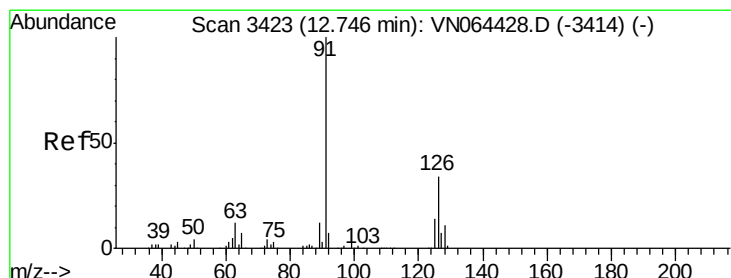
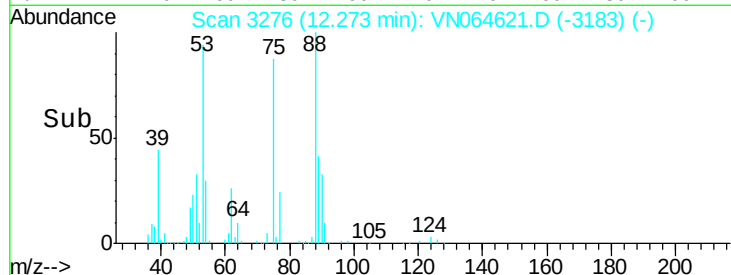
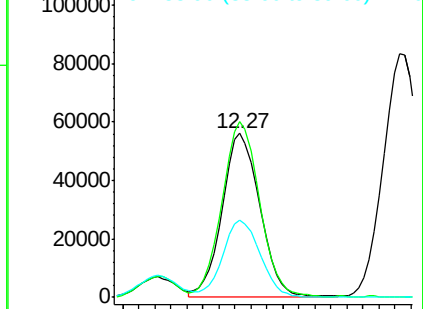
89 46.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.994 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064621.D

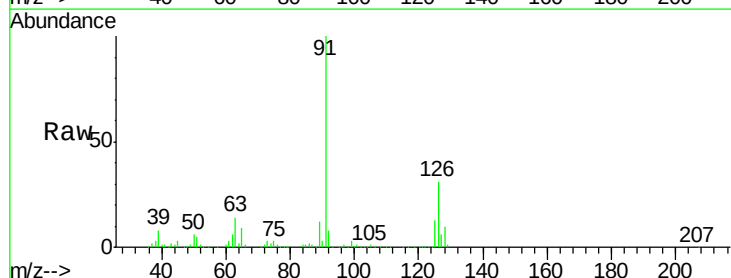
Acq: 13 Nov 2020 8:35

Tgt Ion: 91 Resp: 685171

Ion Ratio Lower Upper

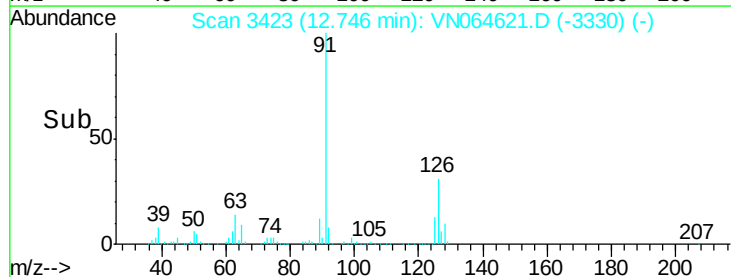
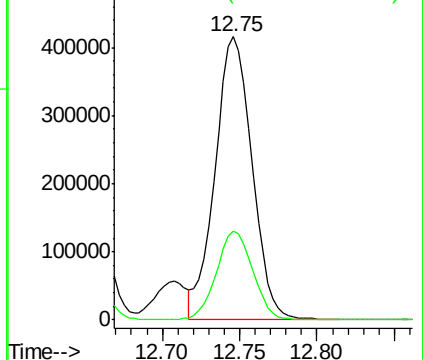
91 100

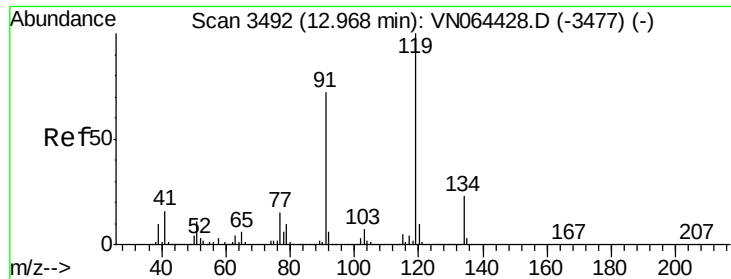
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

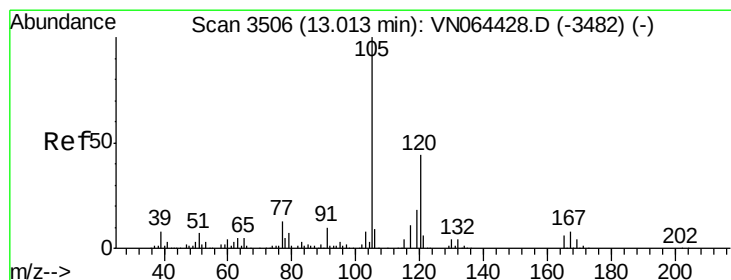
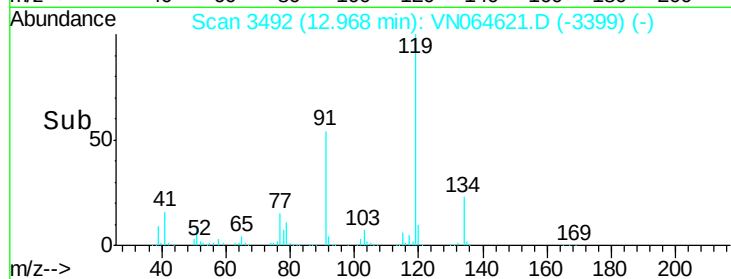
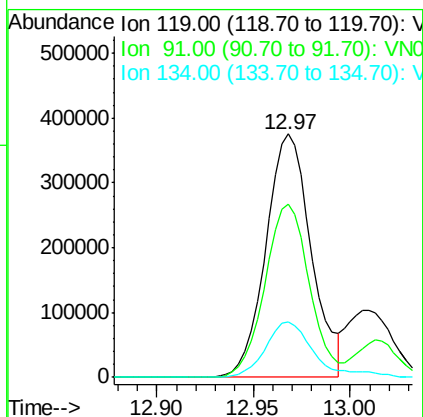
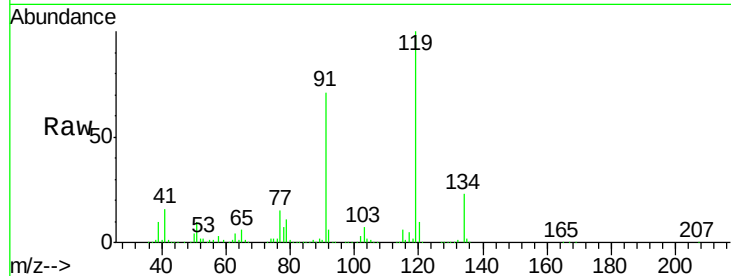




#83
 tert-Butylbenzene
 Concen: 49.502 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

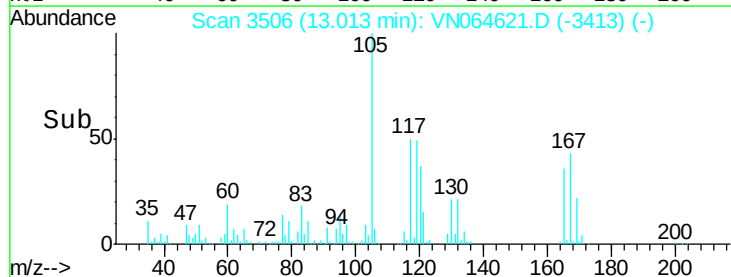
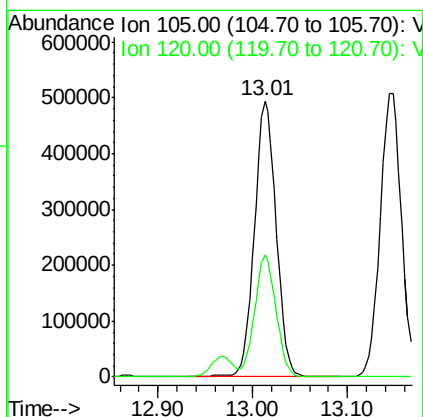
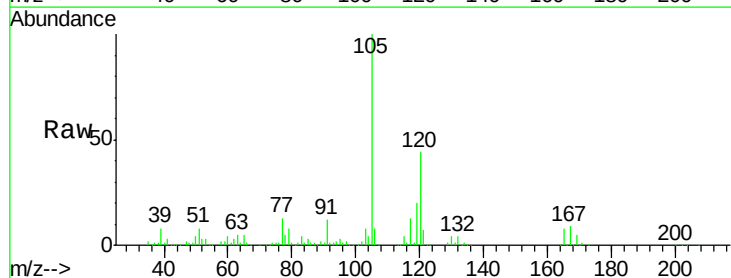
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

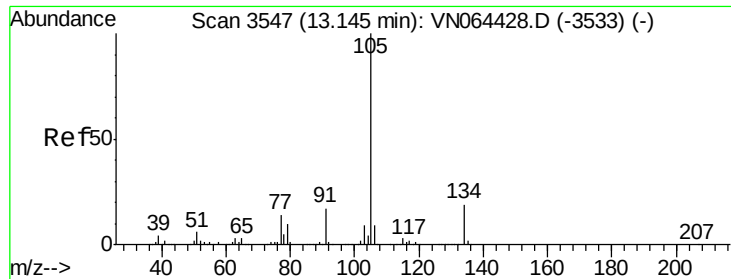
Tot Ion:119 Resp: 614089
 Ion Ratio Lower Upper
 119 100
 91 70.1 36.1 108.3
 134 24.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.378 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion:105 Resp: 788433
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.7





#85

sec-Butylbenzene

Concen: 50.481 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

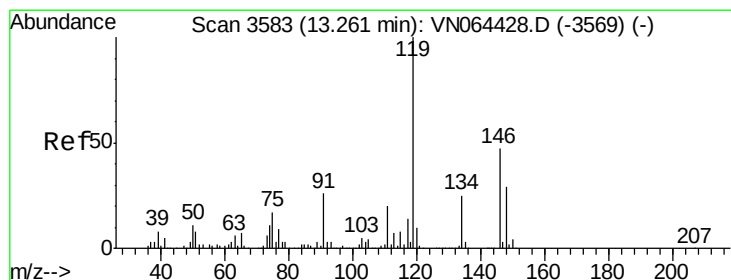
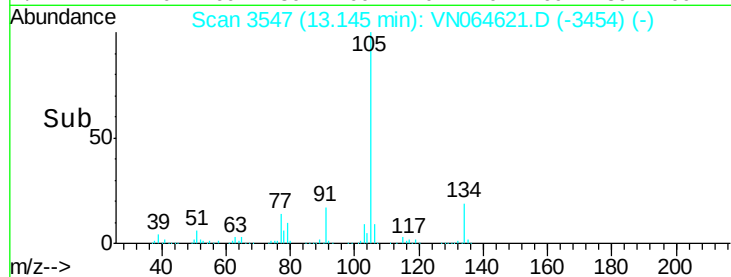
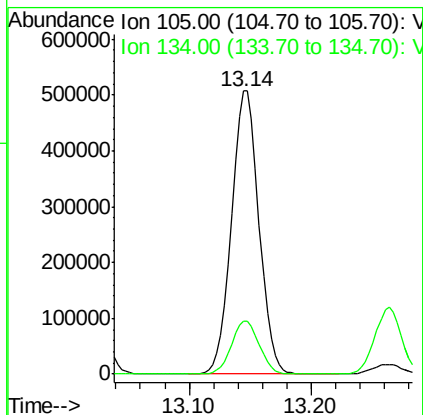
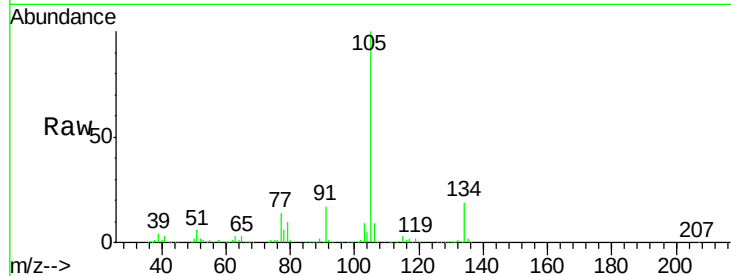
VSTDCCC050EC

Tot Ion:105 Resp: 793112

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



#86

p-Isopropyltoluene

Concen: 50.108 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

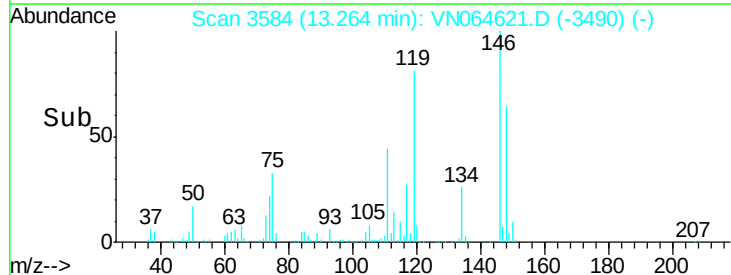
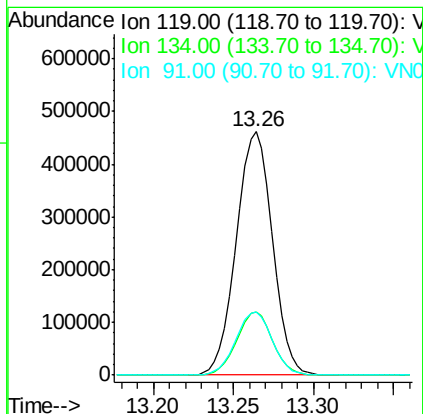
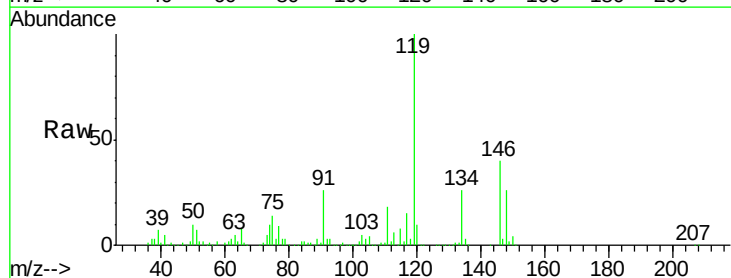
Tgt Ion:119 Resp: 708119

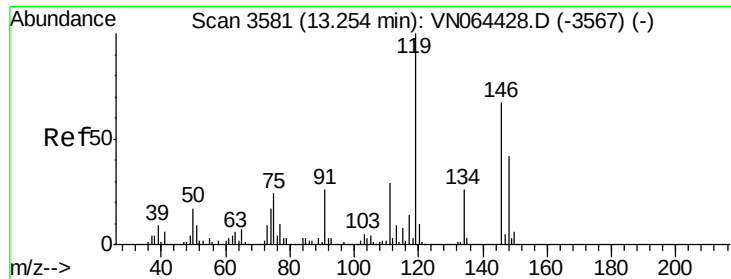
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 26.2 12.8 38.3

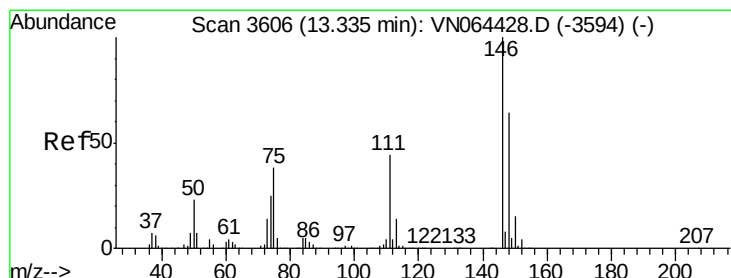
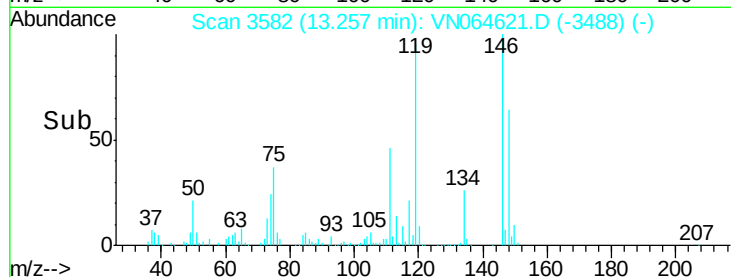
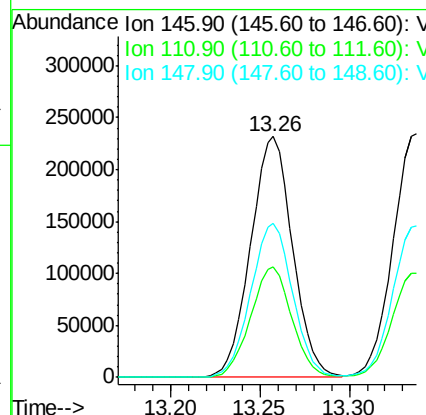
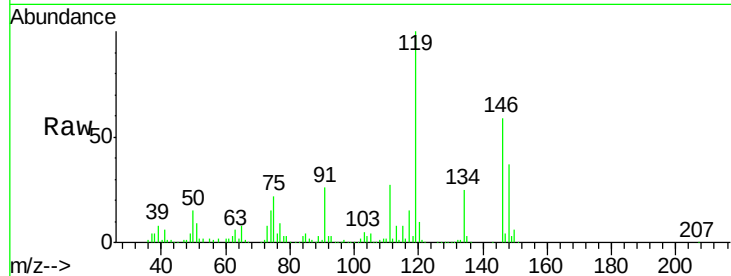




#87
 1,3-Dichlorobenzene
 Concen: 46.831 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

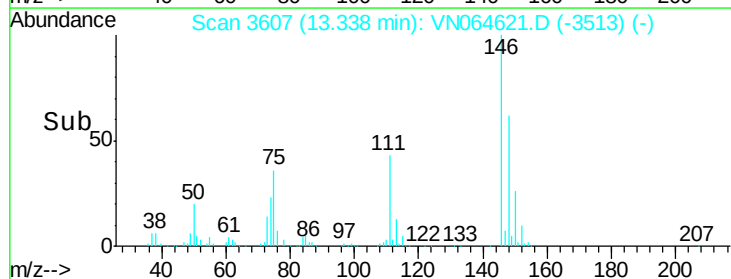
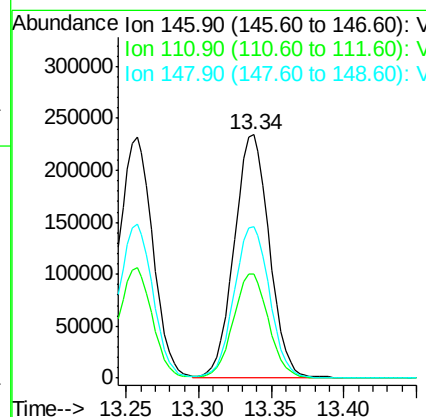
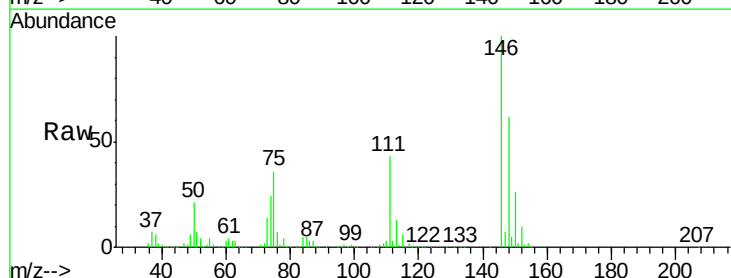
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

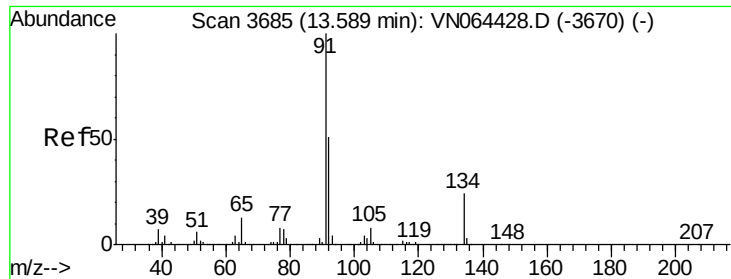
Tot Ion:146 Resp: 380533
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.1 66.1
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.608 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion:146 Resp: 391382
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.8 65.3
 148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 48.229 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

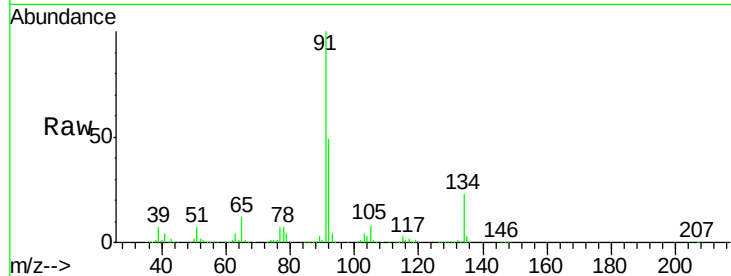
Tot Ion: 91 Resp: 585998

Ion Ratio Lower Upper

91 100

92 49.5 25.3 75.9

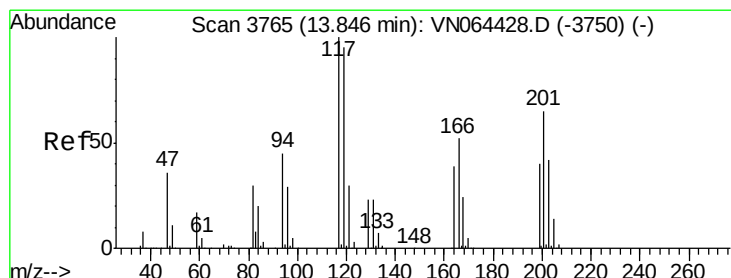
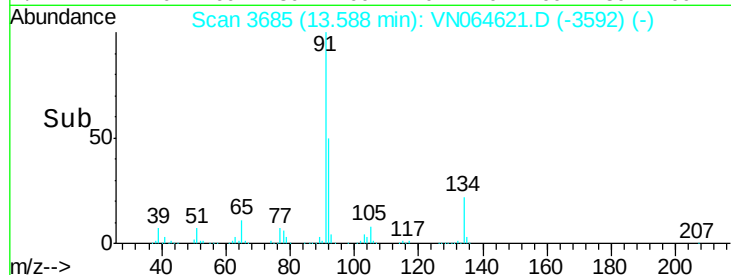
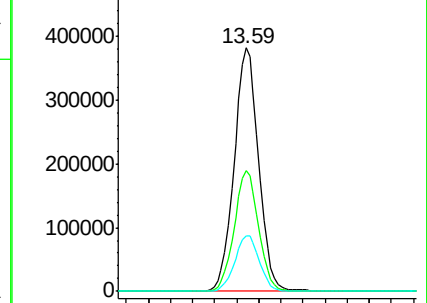
134 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 52.929 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064621.D

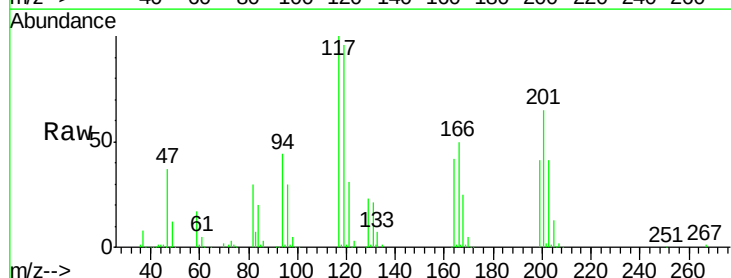
Acq: 13 Nov 2020 8:35

Tgt Ion: 117 Resp: 144288

Ion Ratio Lower Upper

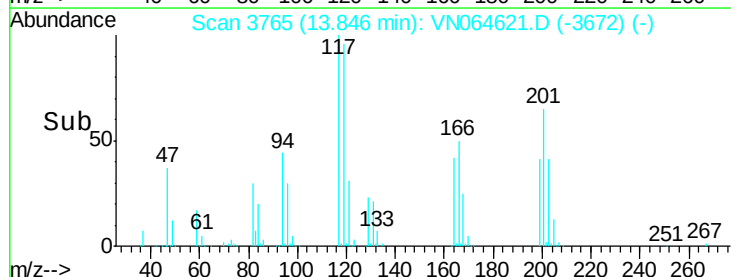
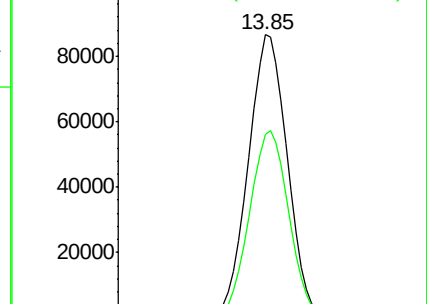
117 100

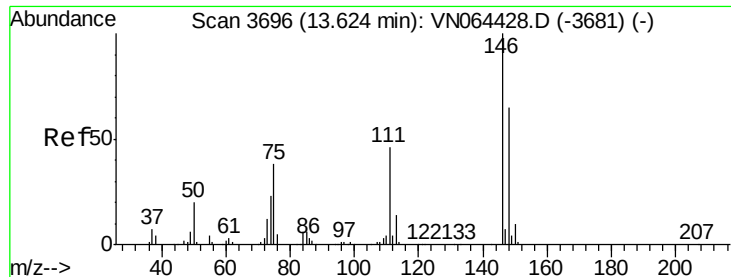
201 66.7 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

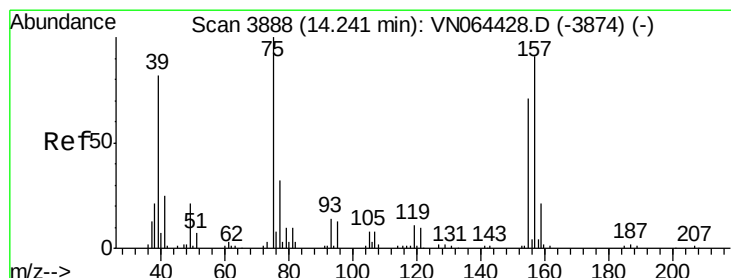
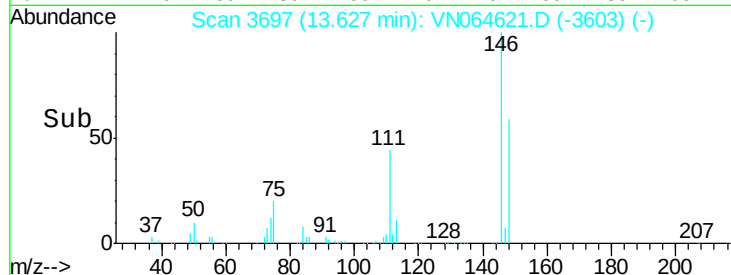
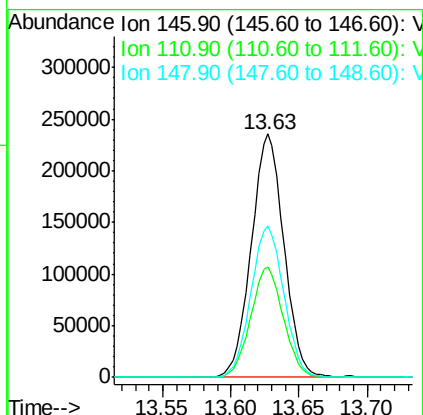
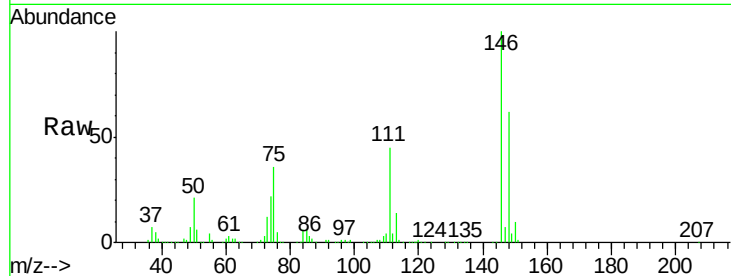




#91
 1,2-Dichlorobenzene
 Concen: 49.998 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

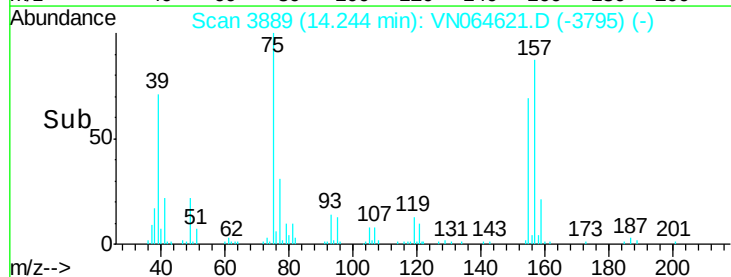
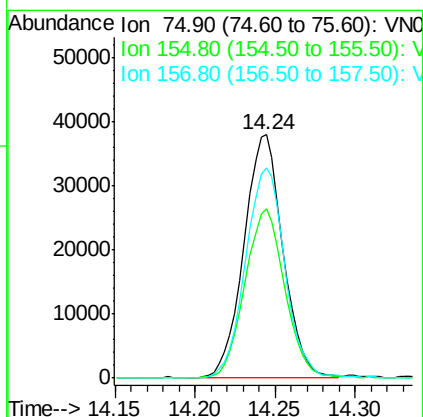
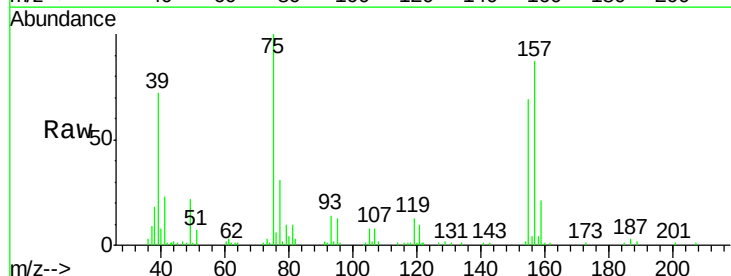
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

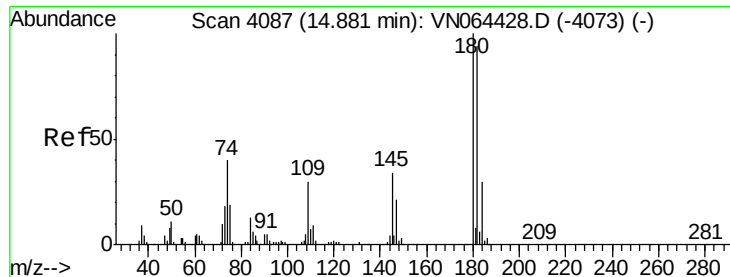
Tot Ion:146 Resp: 390790
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.9 68.7
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.893 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion: 75 Resp: 63454
 Ion Ratio Lower Upper
 75 100
 155 70.9 34.6 103.9
 157 87.1 43.0 128.8

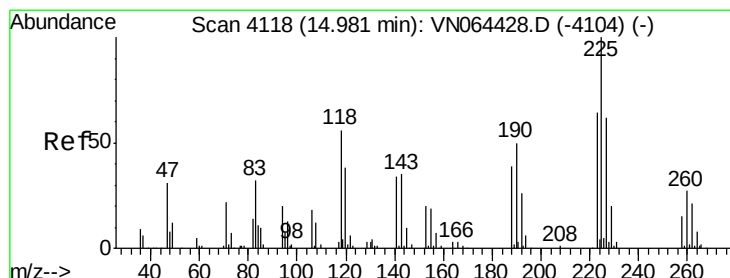
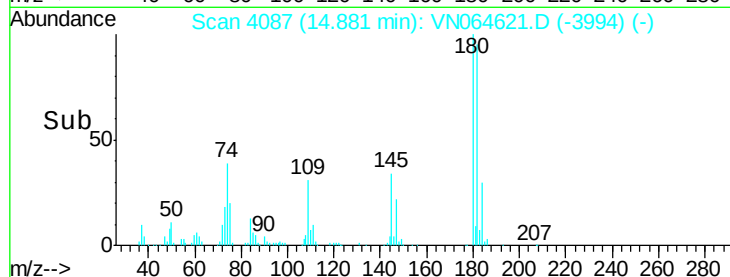
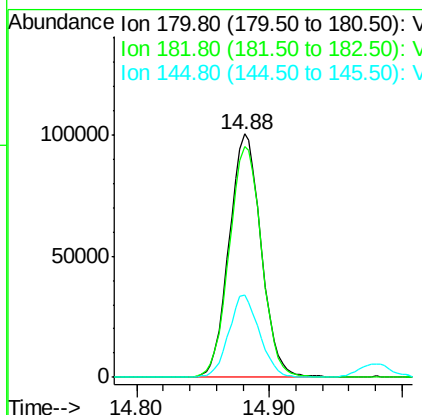
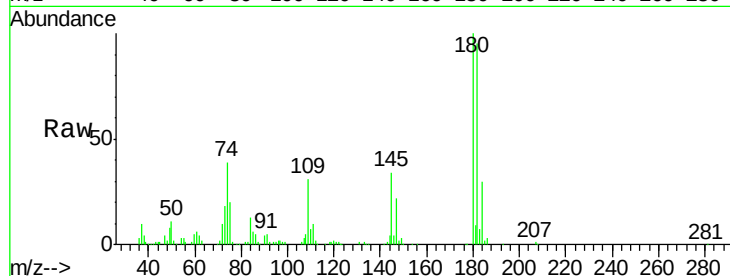




#93
 1,2,4-Trichlorobenzene
 Concen: 43.700 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

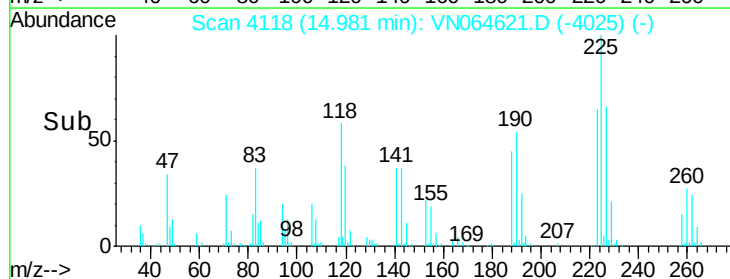
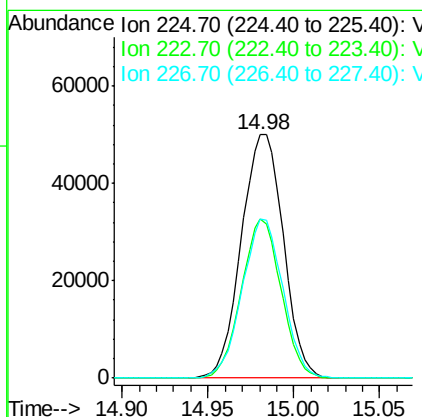
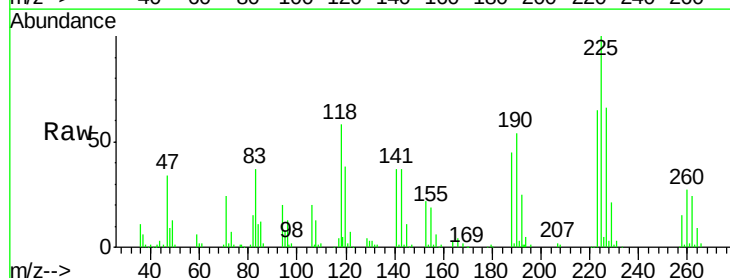
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

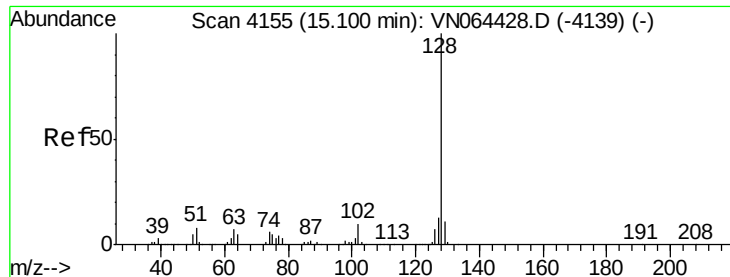
Tot Ion:180 Resp: 168482
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 32.6 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 53.379 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064621.D
 Acq: 13 Nov 2020 8:35

Tgt Ion:225 Resp: 84946
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.8 95.4
 227 63.3 31.8 95.4





#95

Naphthalene

Concen: 42.927 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

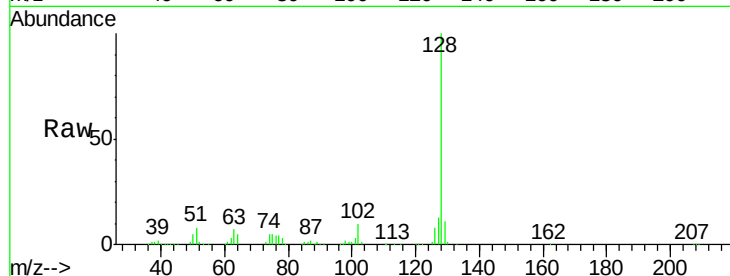
Tot Ion:128 Resp: 562981

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

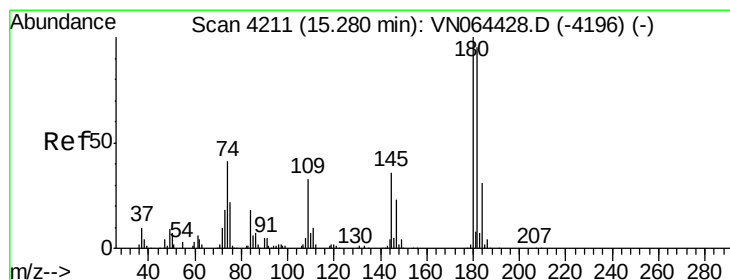
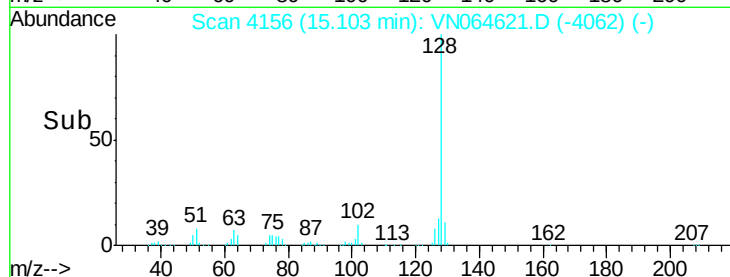
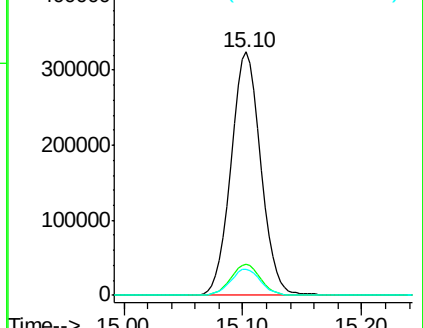
129 10.9 8.8 13.2



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: 47.700 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064621.D

Acq: 13 Nov 2020 8:35

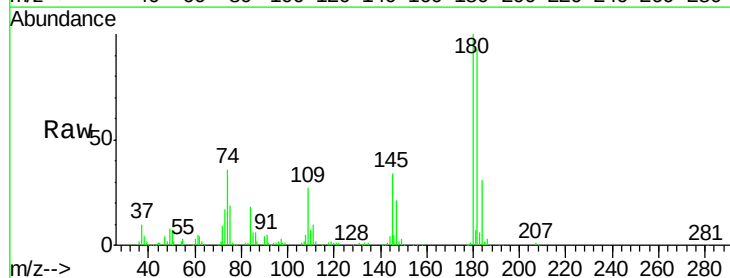
Tgt Ion:180 Resp: 178867

Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 33.9 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

