

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064865.D
 Acq On : 30 Nov 2020 12:04
 Operator : JC/MD
 Sample : VN1130MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

Quant Time: Dec 01 01:18:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112501	46.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.44%
35) Dibromofluoromethane	7.55	113	96661	49.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.46%
50) Toluene-d8	10.06	98	376824	47.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.90%
62) 4-Bromofluorobenzene	12.38	95	136702	48.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	28803	15.873	ug/l 99
3) Chloromethane	2.04	50	37786	16.024	ug/l 98
4) Vinyl Chloride	2.17	62	40158	16.335	ug/l 96
5) Bromomethane	2.53	94	26036	16.142	ug/l 98
6) Chloroethane	2.67	64	25091	16.501	ug/l 99
7) Trichlorofluoromethane	2.99	101	57066	16.792	ug/l 97
8) Diethyl Ether	3.37	74	23761	17.713	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35396	17.363	ug/l 98
10) Methyl Iodide	3.91	142	38221	14.454	ug/l 98
11) Tert butyl alcohol	4.75	59	28650	75.473	ug/l 100
12) 1,1-Dichloroethene	3.69	96	34240	16.865	ug/l 98
13) Acrolein	3.56	56	15949	68.785	ug/l 95
14) Allyl chloride	4.27	41	55457	16.561	ug/l 100
15) Acrylonitrile	4.93	53	84668	80.739	ug/l 98
16) Acetone	3.78	43	65376	81.704	ug/l 98
17) Carbon Disulfide	4.00	76	87253	16.648	ug/l 99
18) Methyl Acetate	4.28	43	40019	16.635	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	111286	17.090	ug/l 99
20) Methylene Chloride	4.50	84	42744	17.048	ug/l 95
21) trans-1,2-Dichloroethene	4.98	96	37283	16.536	ug/l 98
22) Diisopropyl ether	5.90	45	120436	17.969	ug/l 98
23) Vinyl Acetate	5.84	43	465462	86.842	ug/l 99
24) 1,1-Dichloroethane	5.80	63	70072	17.493	ug/l 100
25) 2-Butanone	6.79	43	107155	82.612	ug/l 94
26) 2,2-Dichloropropane	6.77	77	59689	17.181	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	43620	17.193	ug/l 98
28) Bromochloromethane	7.15	49	32132	17.535	ug/l 95
29) Tetrahydrofuran	7.17	42	71062	79.366	ug/l 98
30) Chloroform	7.33	83	71748	17.369	ug/l 98
31) Cyclohexane	7.61	56	58370	17.205	ug/l 92
32) 1,1,1-Trichloroethane	7.53	97	61772	17.411	ug/l 99
36) 1,1-Dichloropropene	7.75	75	51899	17.239	ug/l 99
37) Ethyl Acetate	6.88	43	49419	17.041	ug/l # 93
38) Carbon Tetrachloride	7.73	117	53954	17.224	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57160	17.637	ug/l	98
40) Benzene	8.00	78	160293	17.375	ug/l	98
41) Methacrylonitrile	7.12	41	19913	14.881	ug/l	96
42) 1,2-Dichloroethane	8.08	62	53759	17.274	ug/l	98
43) Isopropyl Acetate	8.13	43	76168	16.322	ug/l #	90
44) Trichloroethene	8.80	130	48632	17.866	ug/l	97
45) 1,2-Dichloropropane	9.08	63	43156	18.063	ug/l	99
46) Dibromomethane	9.17	93	28216	17.678	ug/l	98
47) Bromodichloromethane	9.37	83	56956	17.735	ug/l	99
48) Methyl methacrylate	9.16	41	36289	16.274	ug/l	98
49) 1,4-Dioxane	9.16	88	13110	311.073	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	235525	84.070	ug/l	100
52) Toluene	10.12	92	100334	17.660	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	59670	16.681	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	67580	17.626	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	41415	17.727	ug/l	99
56) Ethyl methacrylate	10.40	69	55319	17.158	ug/l	98
57) 1,3-Dichloropropane	10.68	76	68065	17.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	156285	88.126	ug/l	99
59) 2-Hexanone	10.72	43	168213	83.430	ug/l	98
60) Dibromochloromethane	10.87	129	46259	17.813	ug/l	98
61) 1,2-Dibromoethane	10.98	107	42397	17.862	ug/l	97
64) Tetrachloroethene	10.60	164	56682	19.746	ug/l	98
65) Chlorobenzene	11.41	112	112261	17.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41648	17.886	ug/l	97
67) Ethyl Benzene	11.48	91	188956	17.852	ug/l	98
68) m/p-Xylenes	11.59	106	145446	36.293	ug/l	99
69) o-Xylene	11.92	106	68583	18.034	ug/l	100
70) Styrene	11.94	104	116013	18.071	ug/l	99
71) Bromoform	12.10	173	31209	16.781	ug/l #	99
73) Isopropylbenzene	12.22	105	183073	18.437	ug/l	99
74) N-amyl acetate	12.05	43	64352	16.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48191	16.558	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	73165	23.798	ug/l #	100
77) Bromobenzene	12.50	156	48218	18.012	ug/l	99
78) n-propylbenzene	12.57	91	210025	18.567	ug/l	100
79) 2-Chlorotoluene	12.65	91	126088	18.032	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	155207	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18607	16.588	ug/l	95
82) 4-Chlorotoluene	12.75	91	133601	18.228	ug/l	100
83) tert-Butylbenzene	12.97	119	129541	18.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	157952	18.928	ug/l	100
85) sec-Butylbenzene	13.14	105	173585	18.898	ug/l	98
86) p-Isopropyltoluene	13.26	119	158864	18.997	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	84439	17.753	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	84662	16.832	ug/l	98
89) n-Butylbenzene	13.59	91	134251	18.280	ug/l	100
90) Hexachloroethane	13.85	117	26306	18.108	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	83835	17.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9467	14.456	ug/l	92

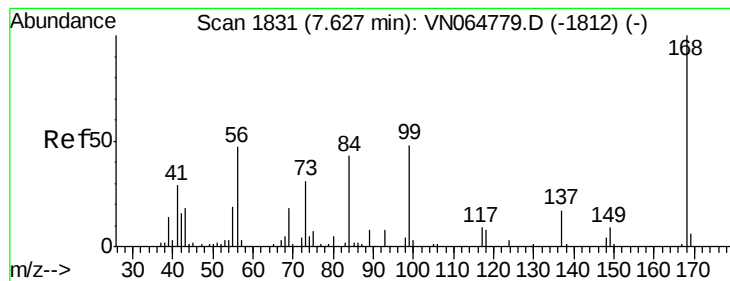
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47376	16.399	ug/l	99
94) Hexachlorobutadiene	14.98	225	24607	19.146	ug/l	97
95) Naphthalene	15.10	128	132076	15.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46860	17.985	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

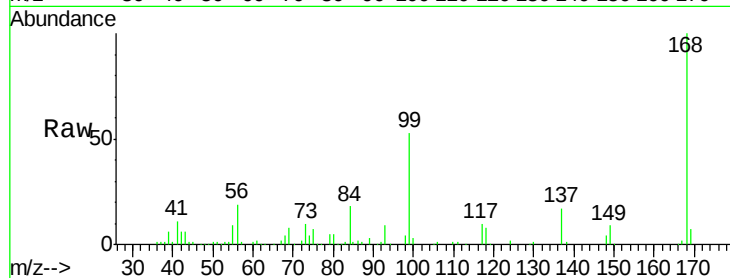
VN1130MBS01

Tot Ion:168 Resp: 209373

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

40000

20000

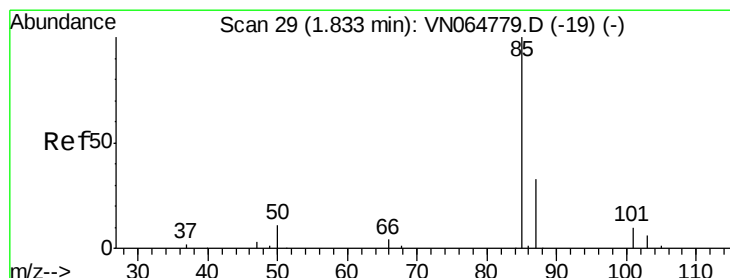
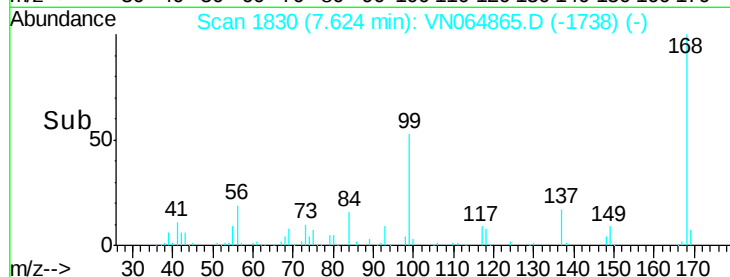
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.873 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064865.D

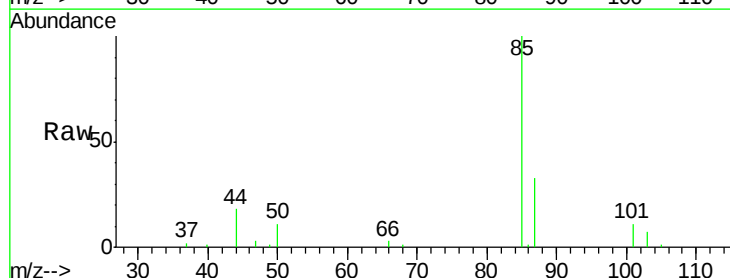
Acq: 30 Nov 2020 12:04

Tgt Ion: 85 Resp: 28803

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

25000

20000

15000

10000

5000

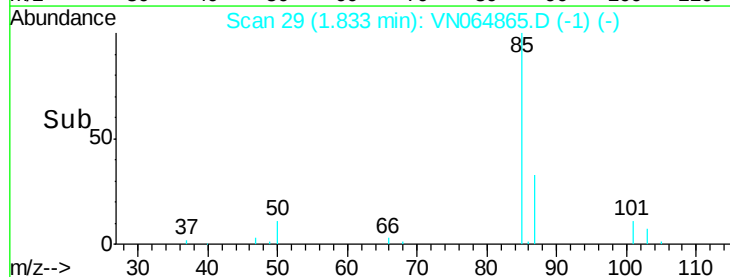
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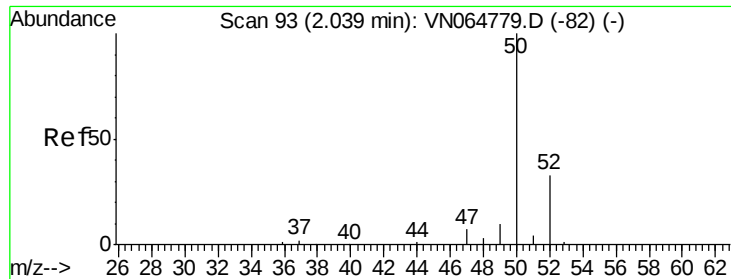
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 16.024 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

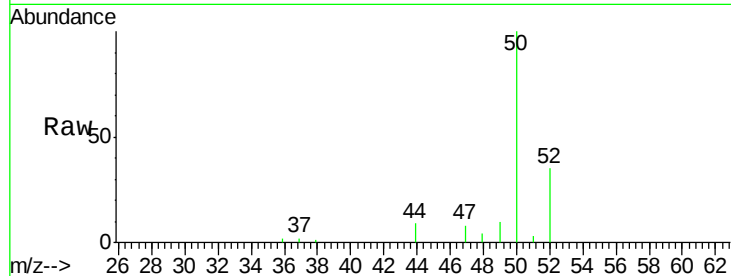
VN1130MBS01

Tot Ion: 50 Resp: 37786

Ion Ratio Lower Upper

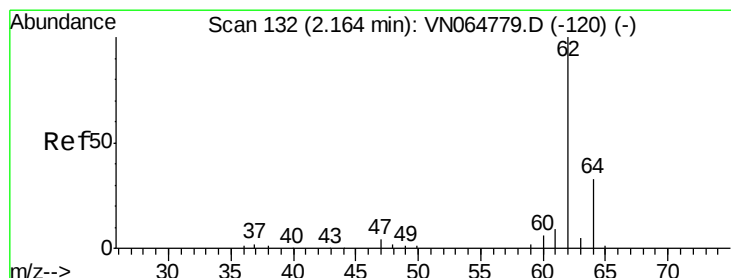
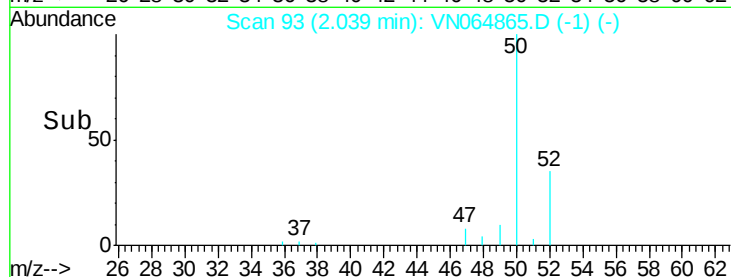
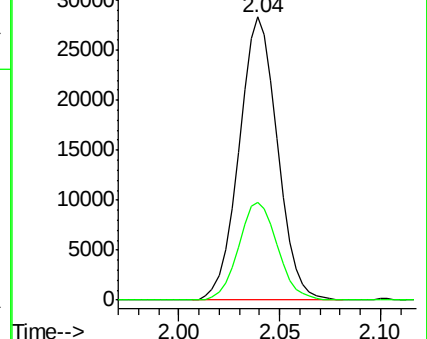
50 100

52 34.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.335 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064865.D

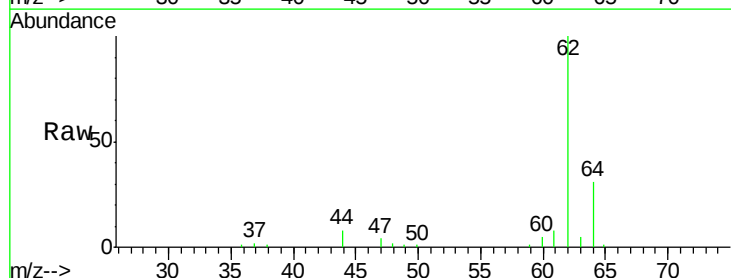
Acq: 30 Nov 2020 12:04

Tgt Ion: 62 Resp: 40158

Ion Ratio Lower Upper

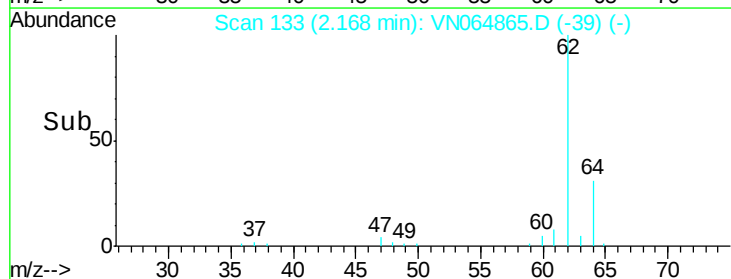
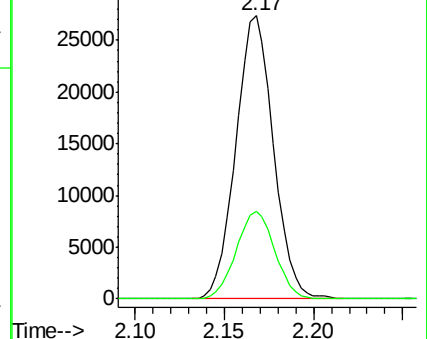
62 100

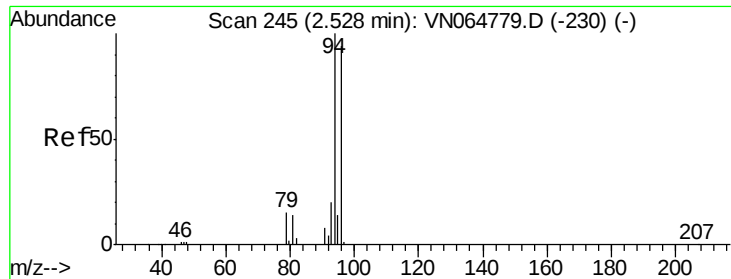
64 30.8 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.142 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

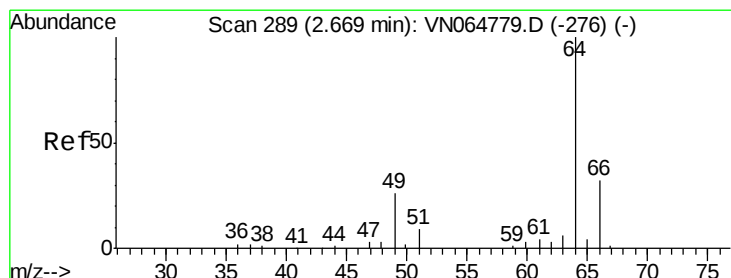
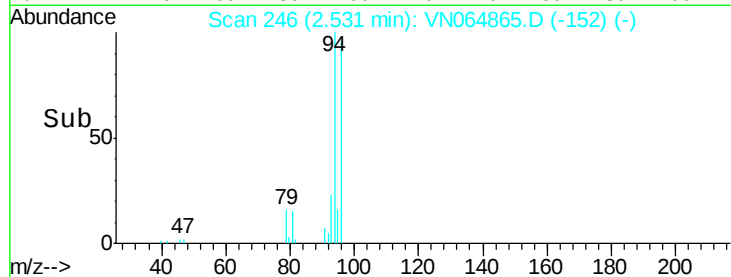
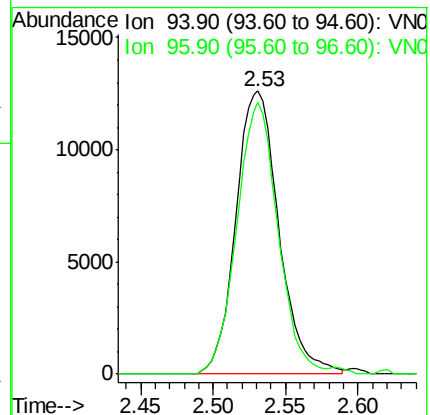
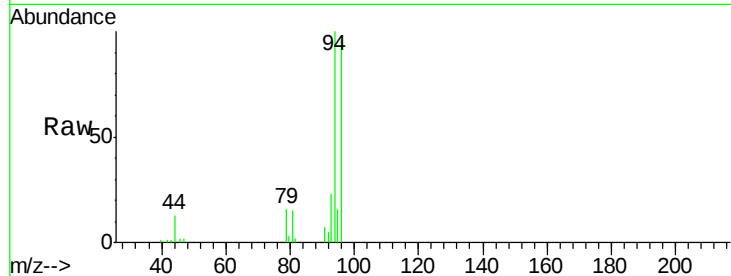
VN1130MBS01

Tot Ion: 94 Resp: 26036

Ion Ratio Lower Upper

94 100

96 95.9 75.4 113.0



#6

Chloroethane

Concen: 16.501 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064865.D

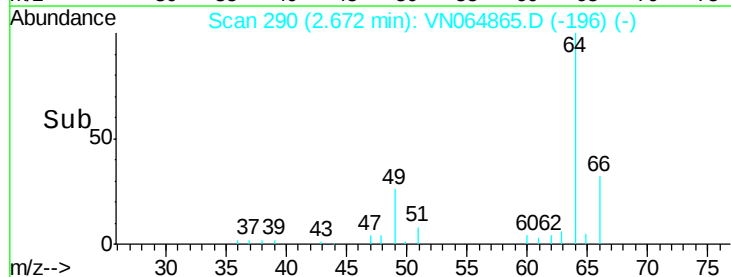
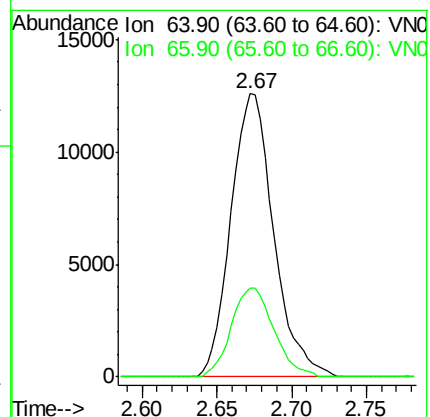
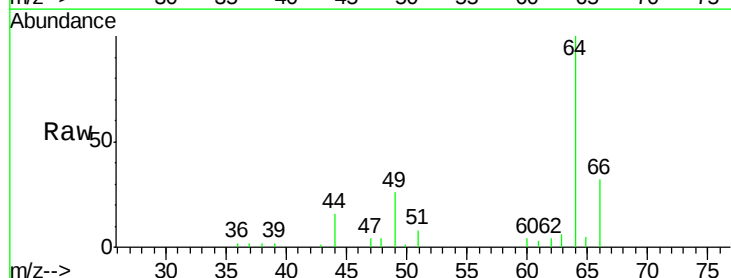
Acq: 30 Nov 2020 12:04

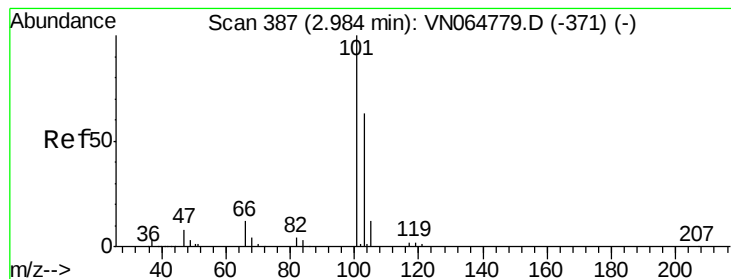
Tgt Ion: 64 Resp: 25091

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



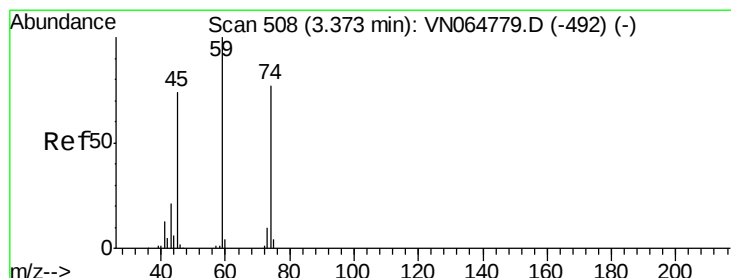
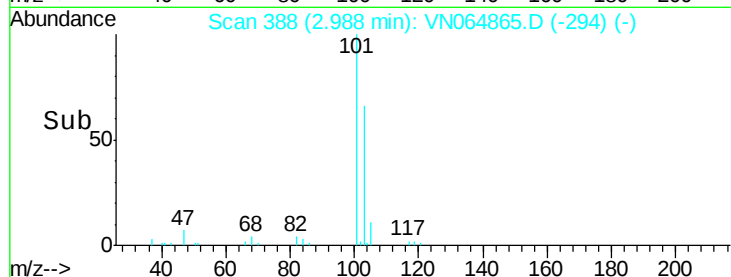
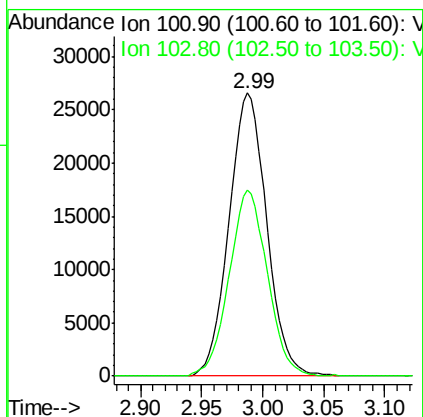
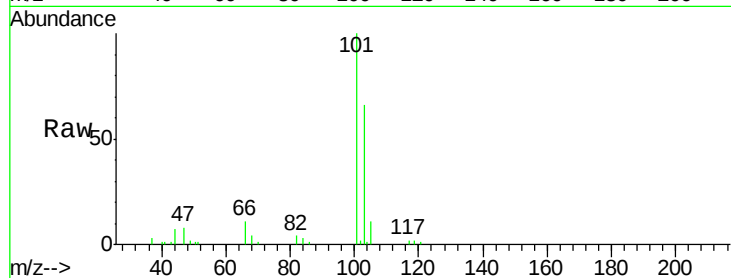


#7

Trichlorofluoromethane
 Concen: 16.792 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

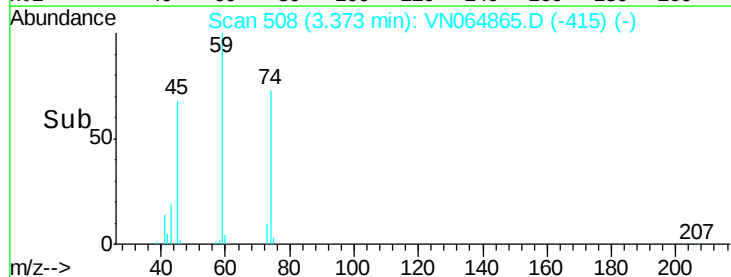
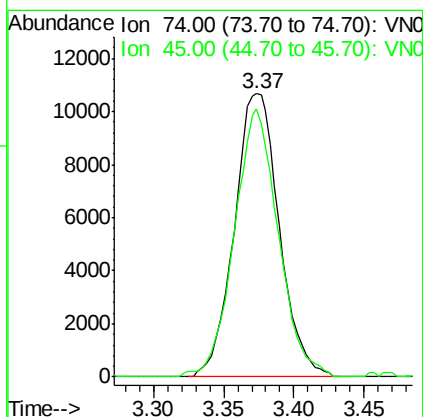
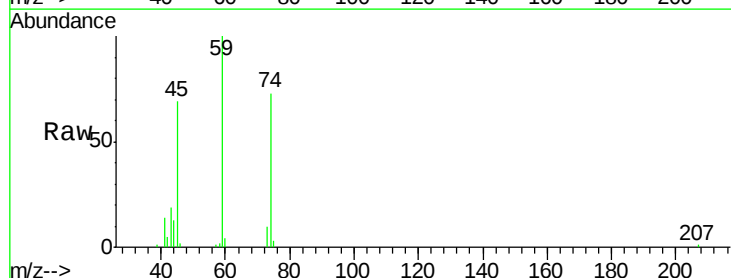
Tot Ion:101 Resp: 57066
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.5 75.7

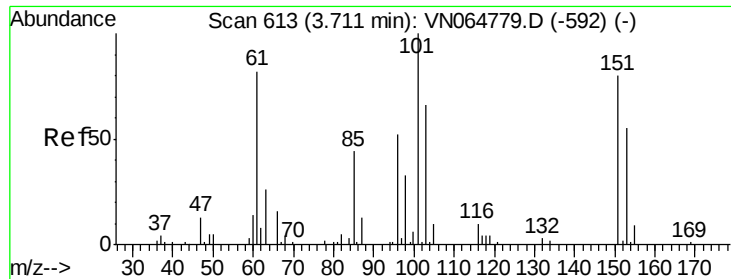


#8

Diethyl Ether
 Concen: 17.713 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 74 Resp: 23761
 Ion Ratio Lower Upper
 74 100
 45 92.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.363 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

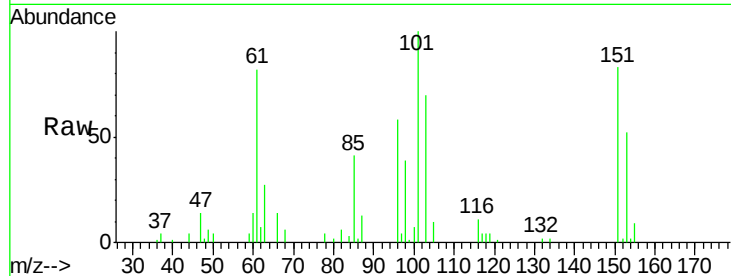
Tot Ion:101 Resp: 35396

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

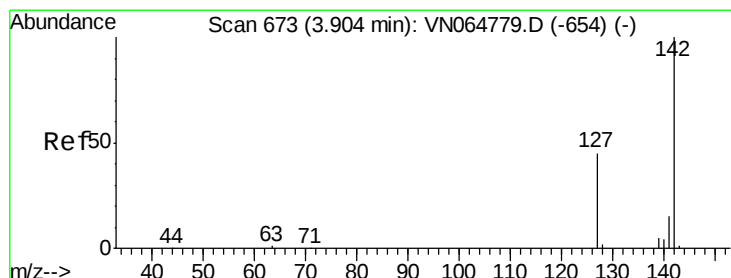
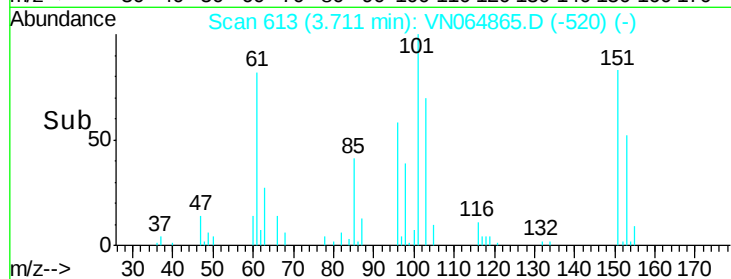
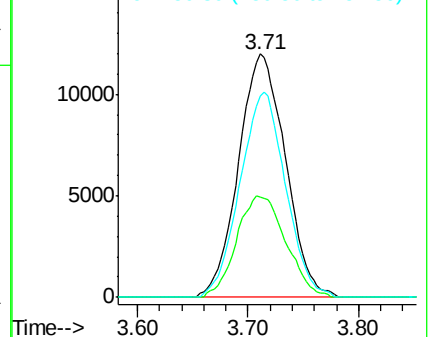
151 82.0 64.0 96.0



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: 14.454 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

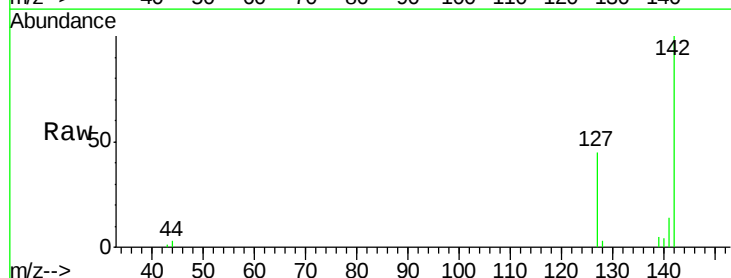
Tgt Ion:142 Resp: 38221

Ion Ratio Lower Upper

142 100

127 42.8 35.0 52.6

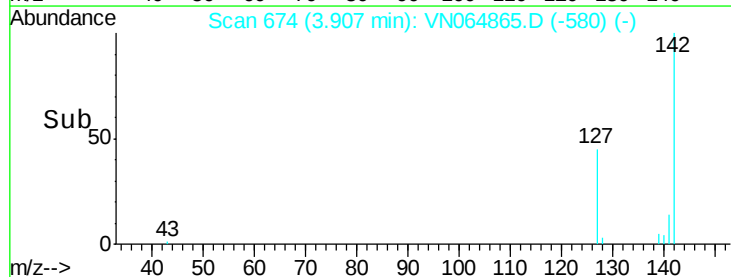
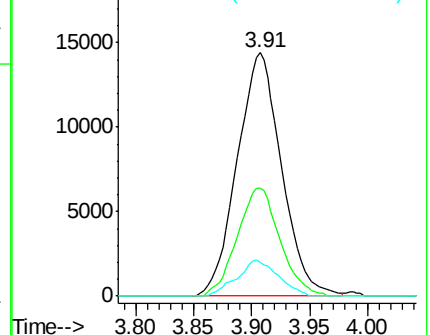
141 13.8 11.8 17.6

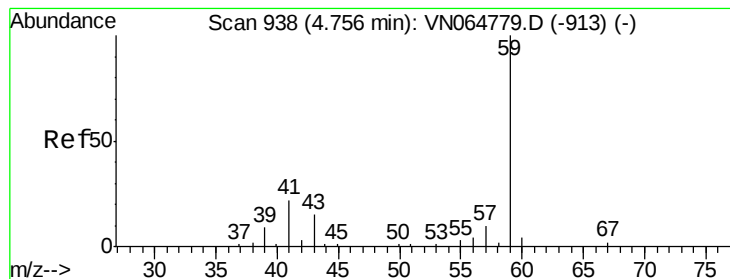


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



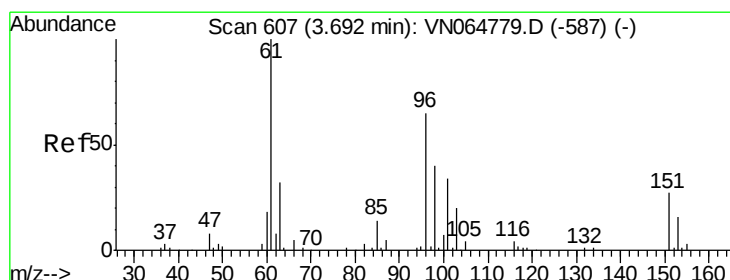
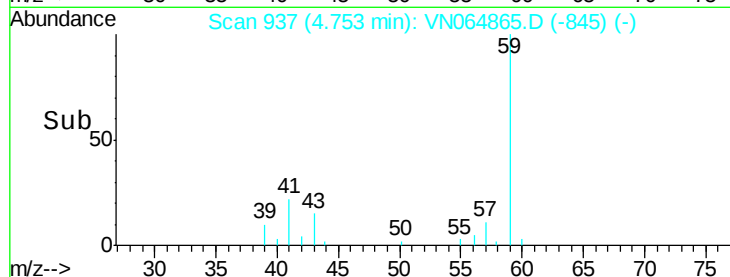
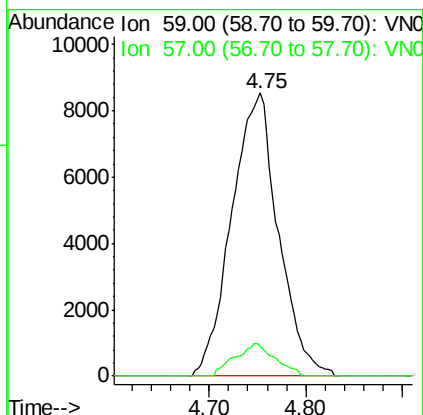
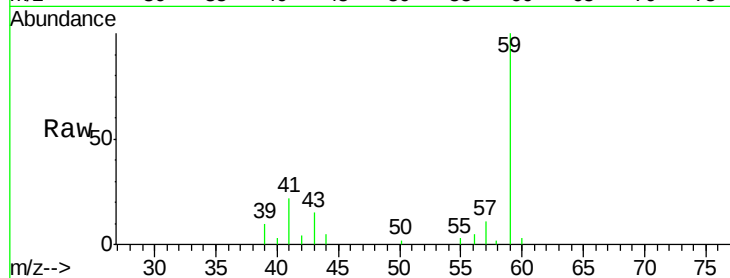


#11

Tert butyl alcohol
 Concen: 75.473 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

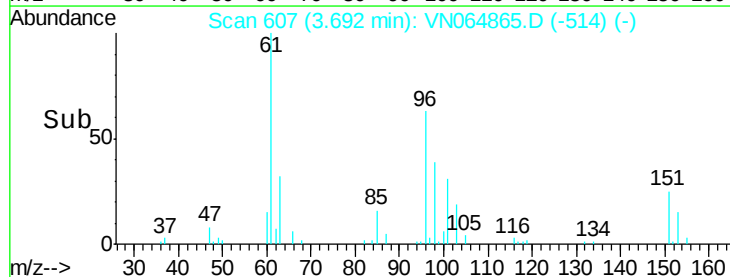
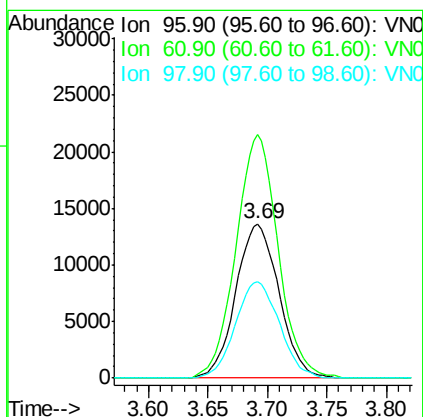
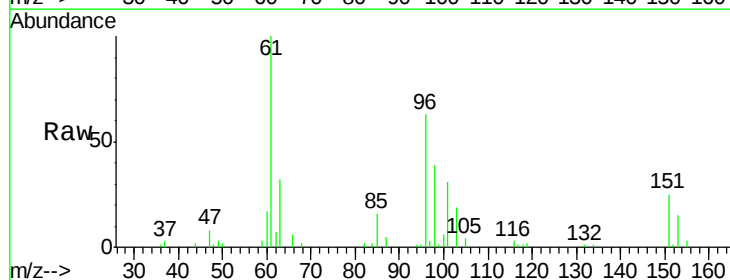
Tot Ion: 59 Resp: 28650
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

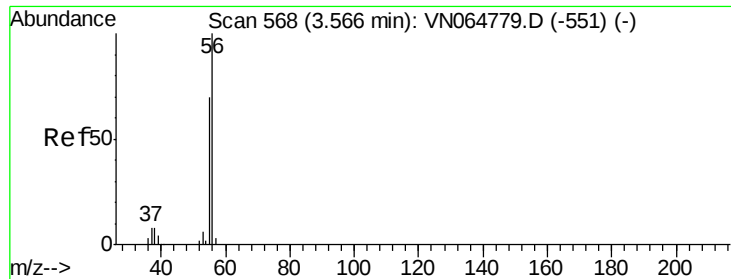


#12

1,1-Dichloroethene
 Concen: 16.865 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 96 Resp: 34240
 Ion Ratio Lower Upper
 96 100
 61 157.9 123.4 185.2
 98 62.3 49.8 74.8





#13

Acrolein

Concen: 68.785 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

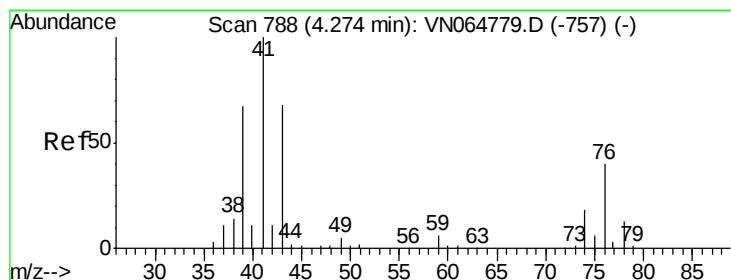
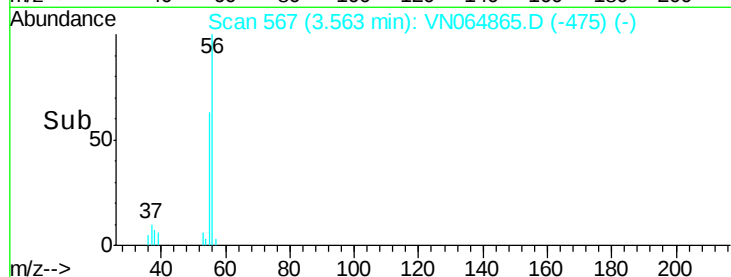
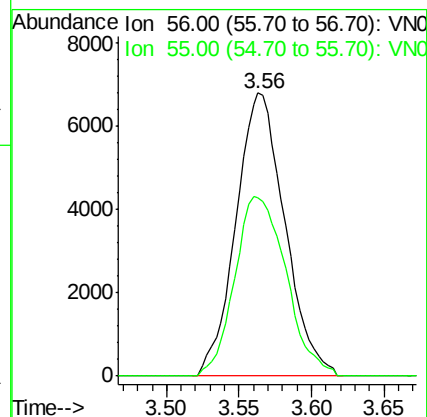
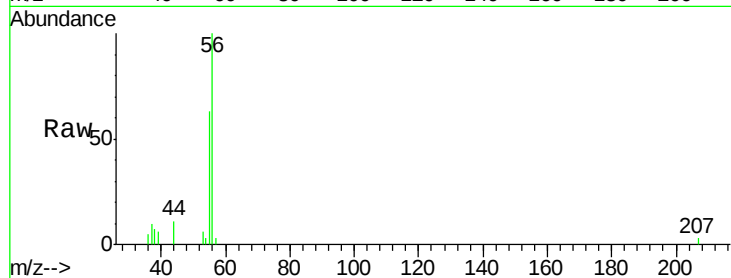
VN1130MBS01

Tot Ion: 56 Resp: 15949

Ion Ratio Lower Upper

56 100

55 66.5 56.5 84.7



#14

Allyl chloride

Concen: 16.561 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

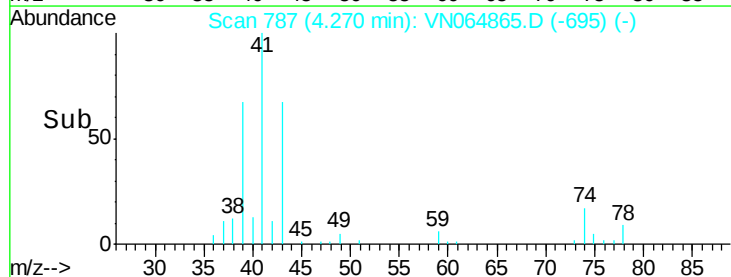
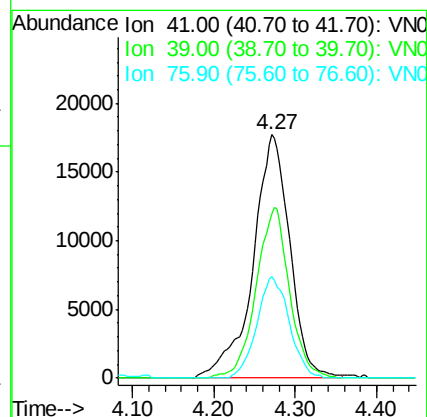
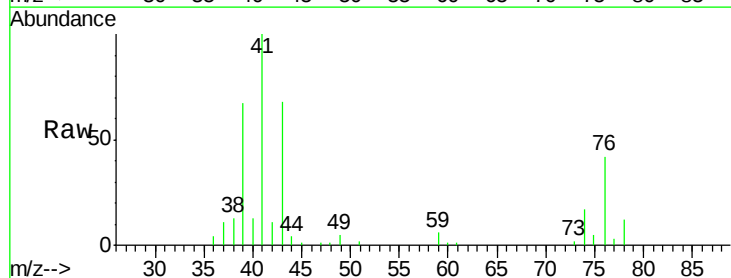
Tgt Ion: 41 Resp: 55457

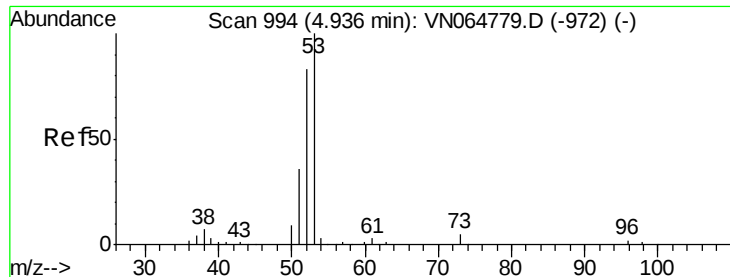
Ion Ratio Lower Upper

41 100

39 63.3 50.9 76.3

76 36.4 29.0 43.4





#15

Acrylonitrile

Concen: 80.739 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

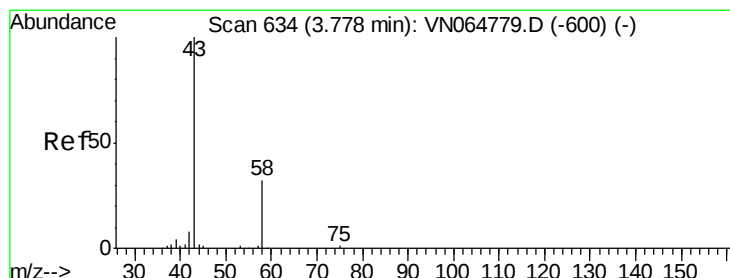
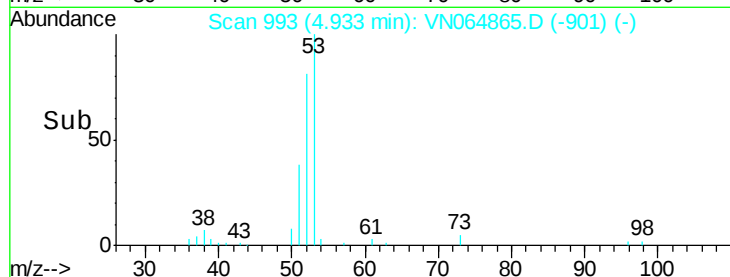
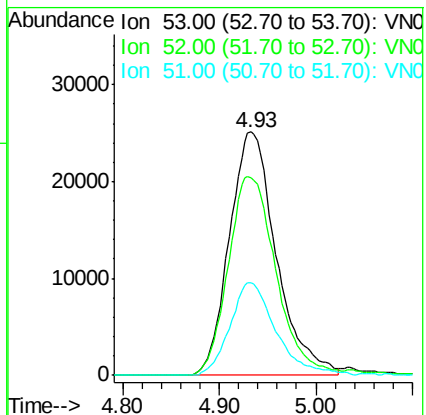
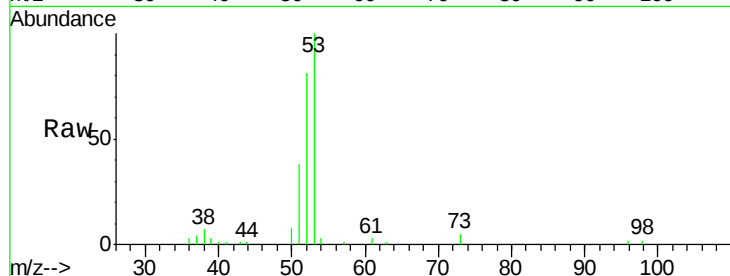
Tot Ion: 53 Resp: 84668

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

51 37.4 28.6 43.0



#16

Acetone

Concen: 81.704 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064865.D

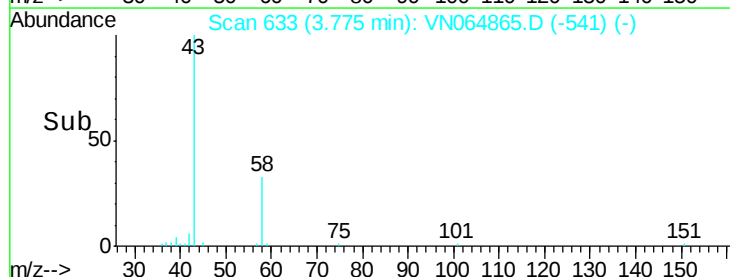
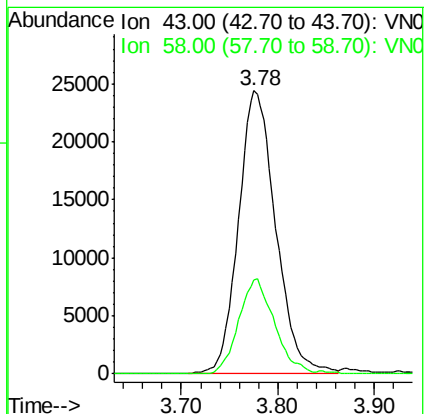
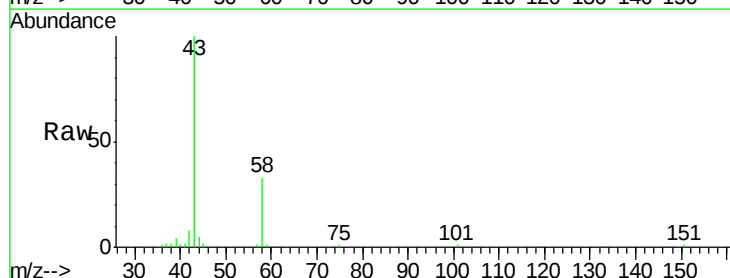
Acq: 30 Nov 2020 12:04

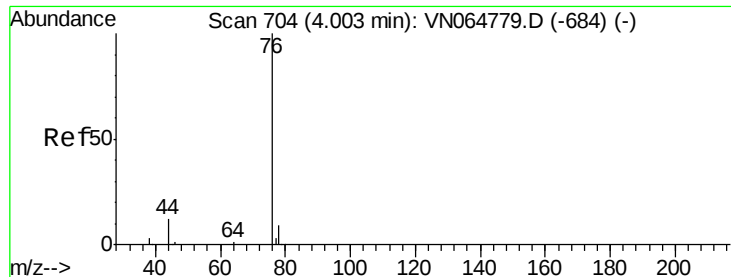
Tgt Ion: 43 Resp: 65376

Ion Ratio Lower Upper

43 100

58 33.1 25.7 38.5

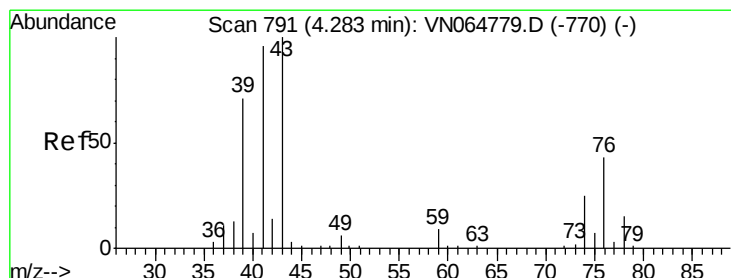
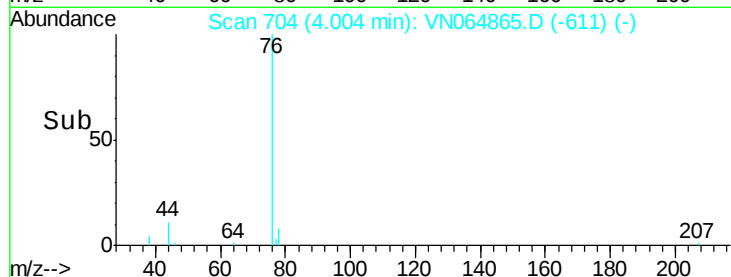
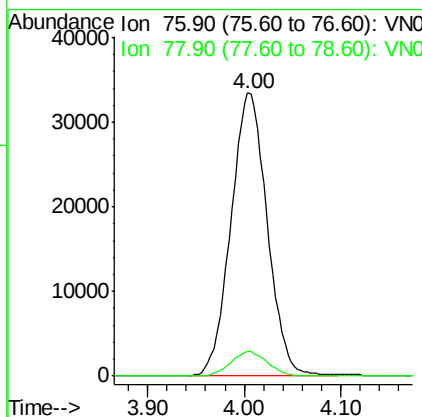
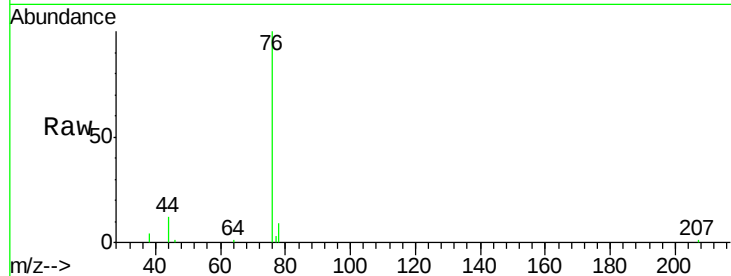




#17
Carbon Disulfide
Concen: 16.648 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

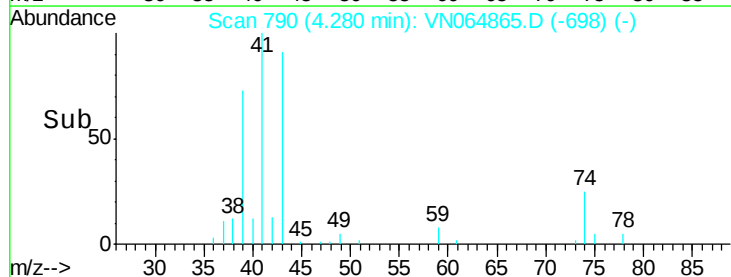
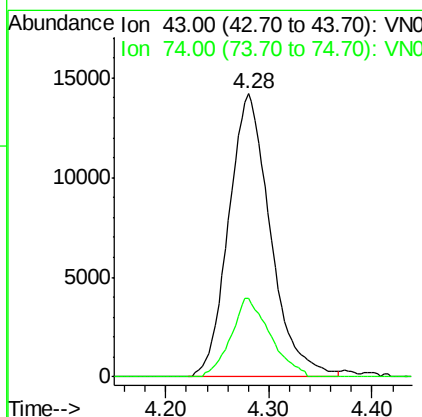
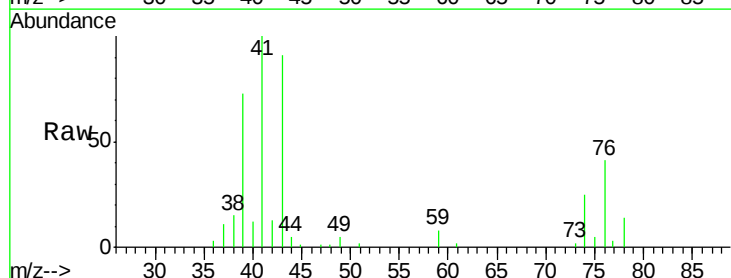
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

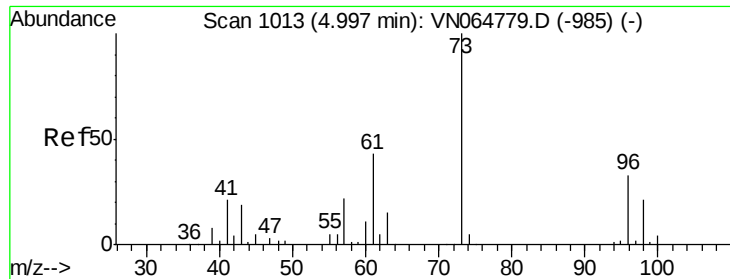
Tot Ion: 76 Resp: 87253
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 16.635 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 43 Resp: 40019
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2

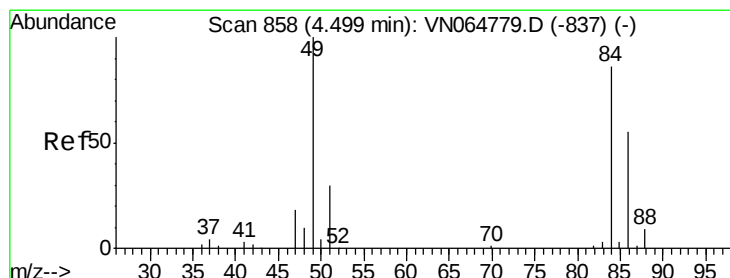
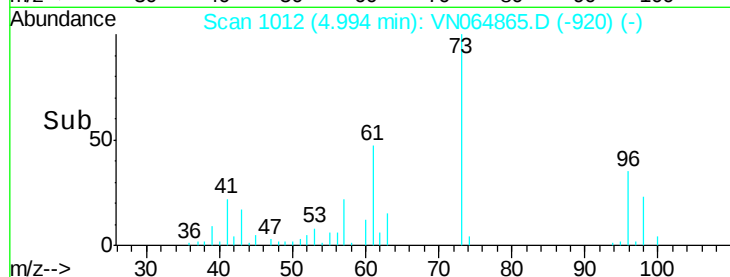
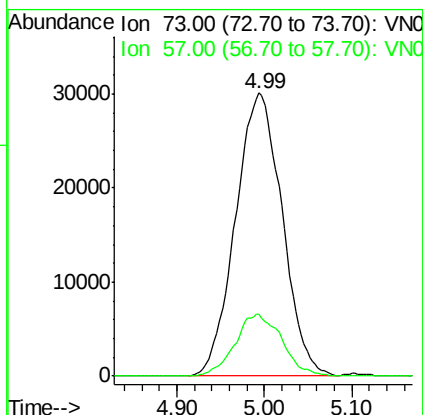
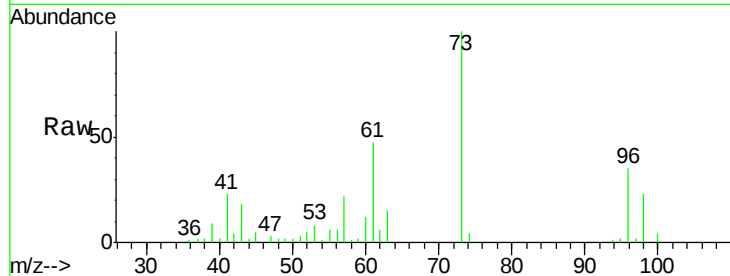




#19
Methvl tert-butvl Ether
Concen: 17.090 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

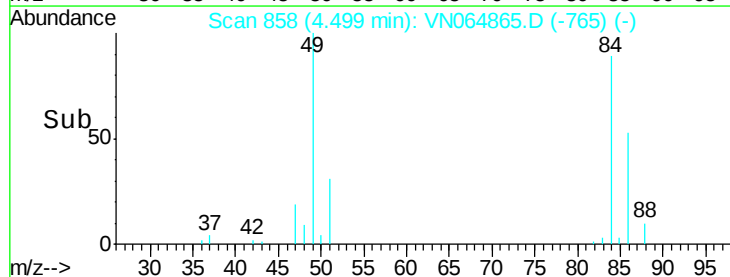
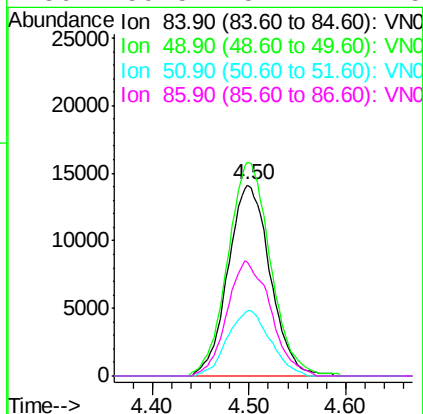
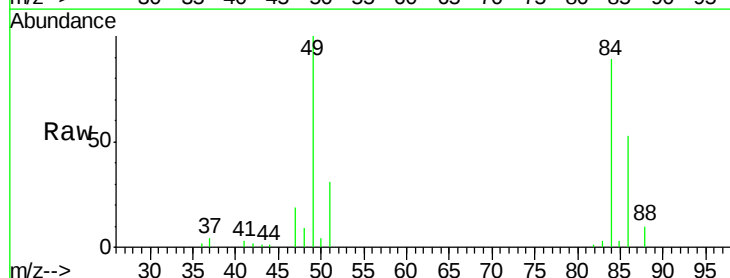
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

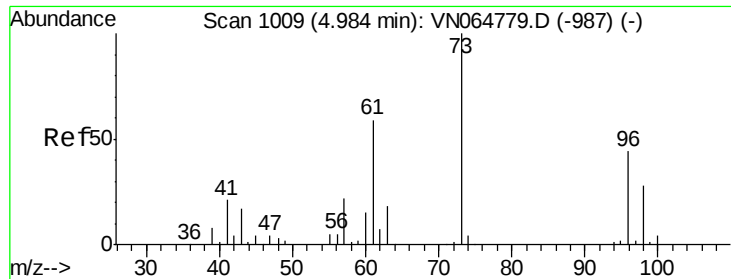
Tot Ion: 73 Resp: 111286
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 17.048 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 84 Resp: 42744
Ion Ratio Lower Upper
84 100
49 112.0 93.4 140.0
51 34.2 28.2 42.4
86 59.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 16.536 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

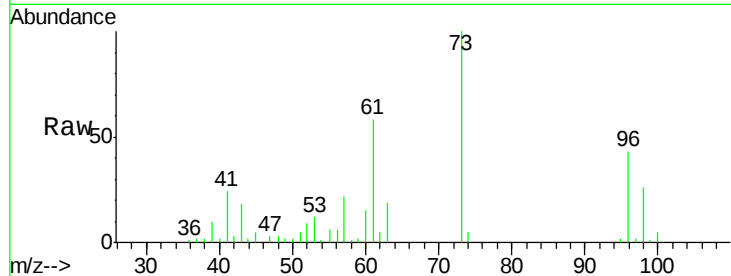
Tot Ion: 96 Resp: 37283

Ion Ratio Lower Upper

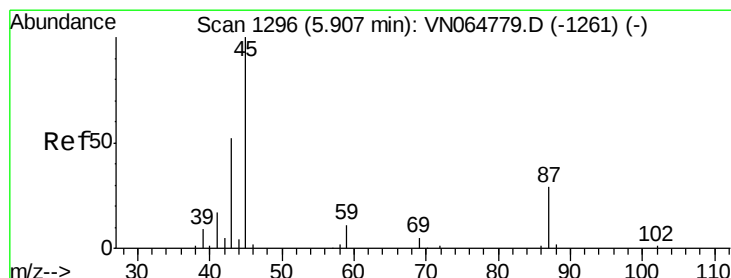
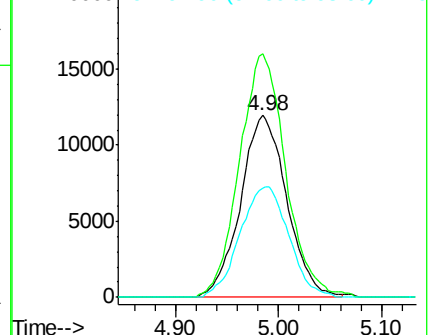
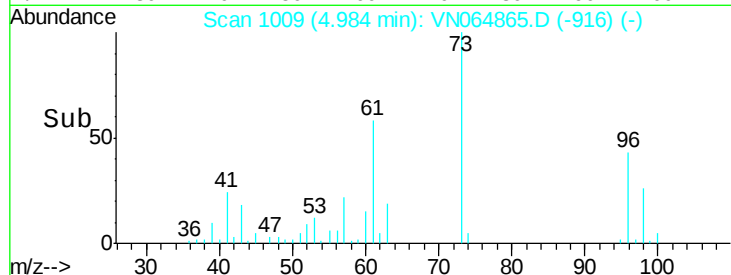
96 100

61 133.9 108.4 162.6

98 60.4 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064865.D (-916) (-)



#22

Diisopropyl ether

Concen: 17.969 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Tgt Ion: 45 Resp: 120436

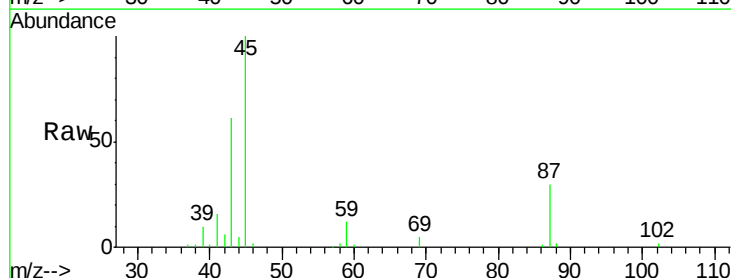
Ion Ratio Lower Upper

45 100

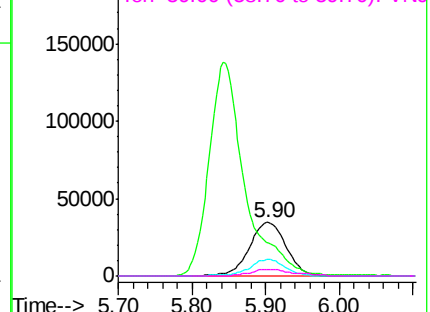
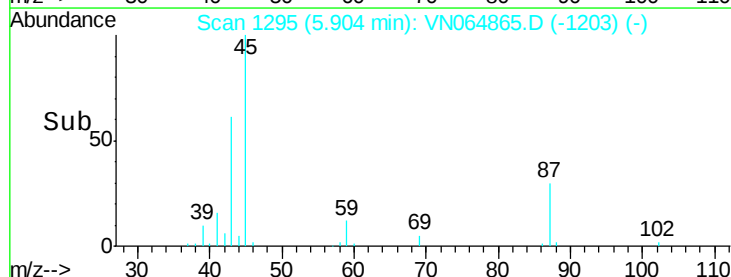
43 59.2 46.2 69.2

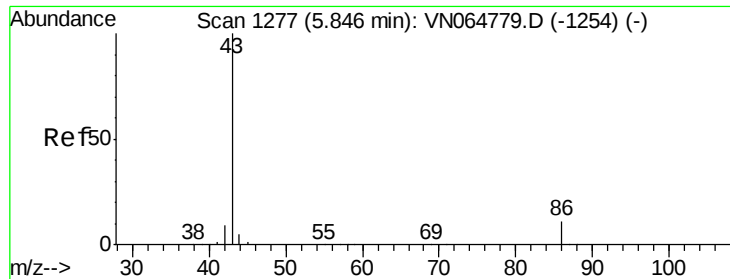
87 30.3 24.1 36.1

59 12.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN064865.D (-1203) (-)

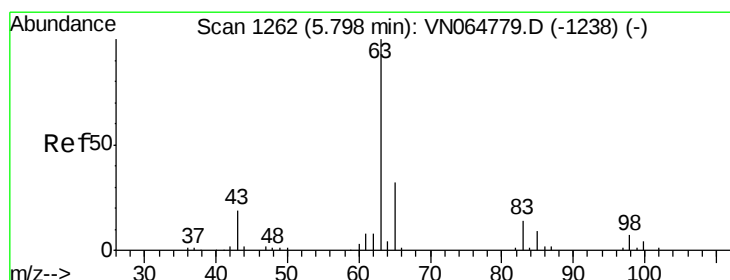
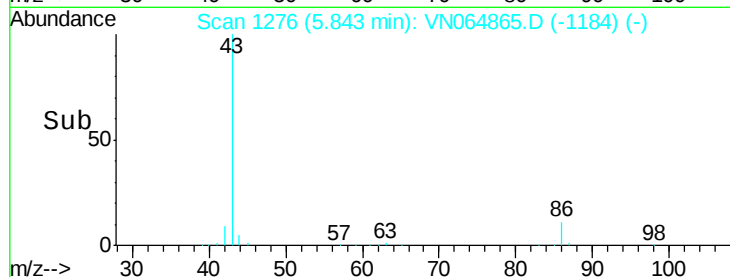
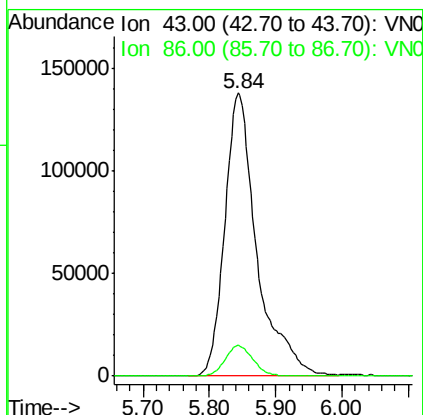
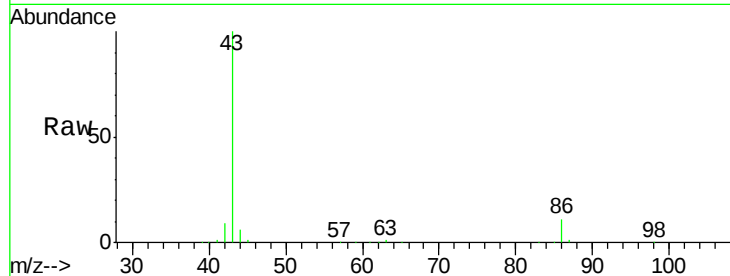




#23
 Vinyl Acetate
 Concen: 86.842 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

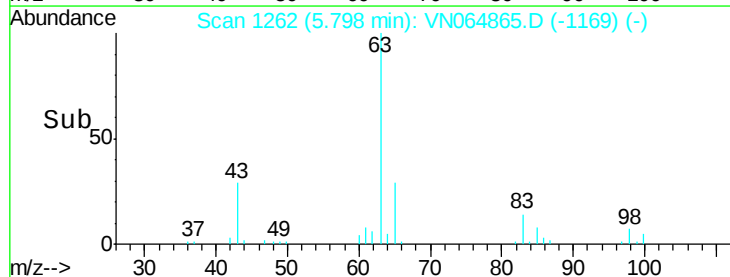
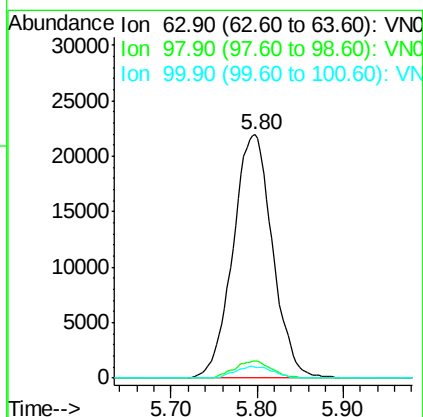
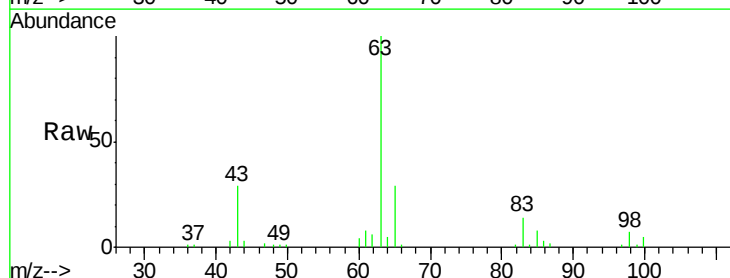
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

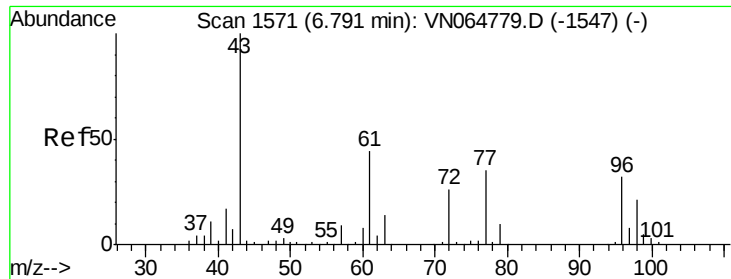
Tot Ion: 43 Resp: 465462
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 17.493 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 63 Resp: 70072
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 82.612 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

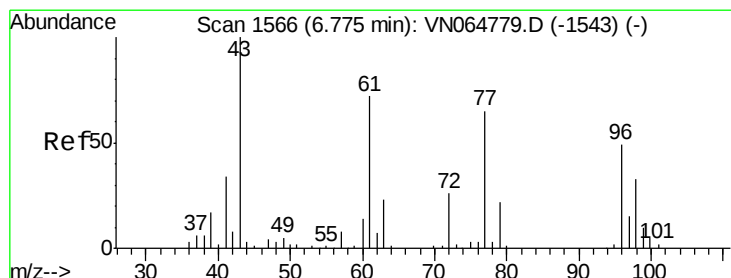
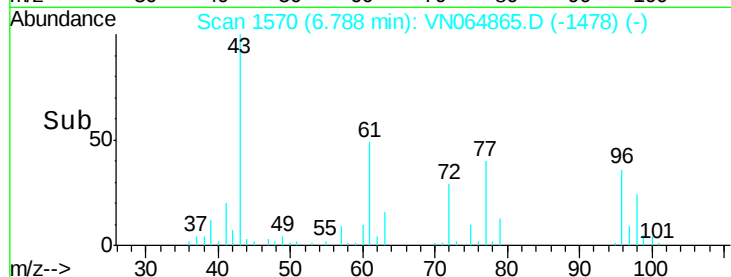
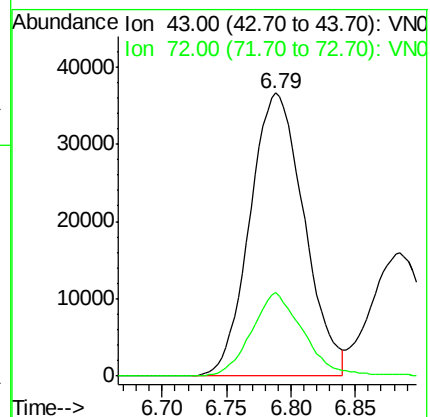
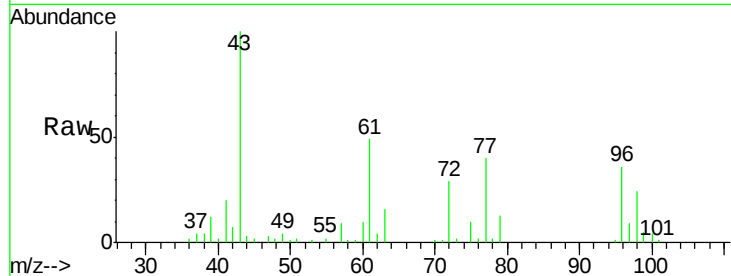
VN1130MBS01

Tot Ion: 43 Resp: 107155

Ion Ratio Lower Upper

43 100

72 29.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.181 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064865.D

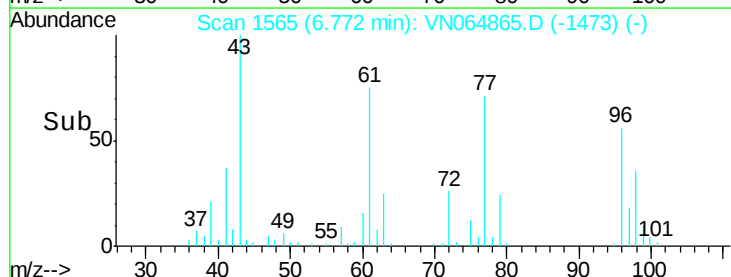
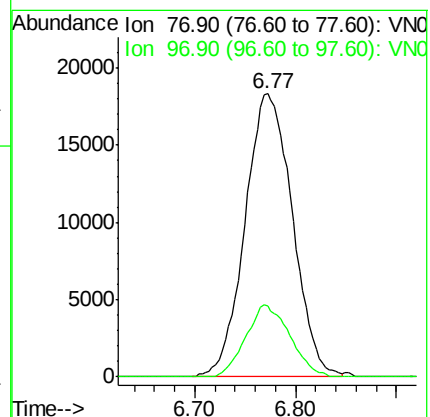
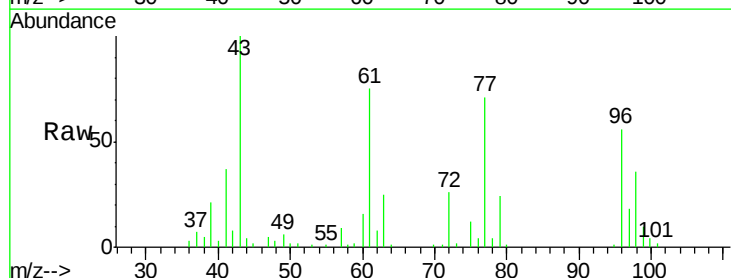
Acq: 30 Nov 2020 12:04

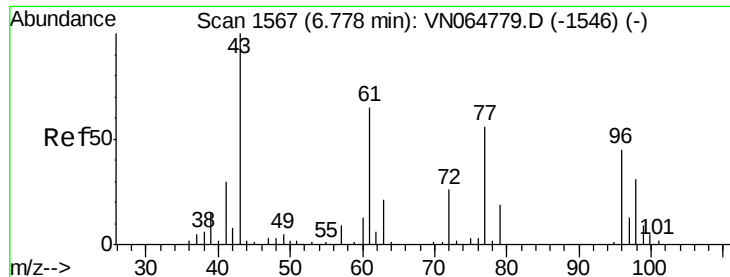
Tgt Ion: 77 Resp: 59689

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.193 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN1130MBS01

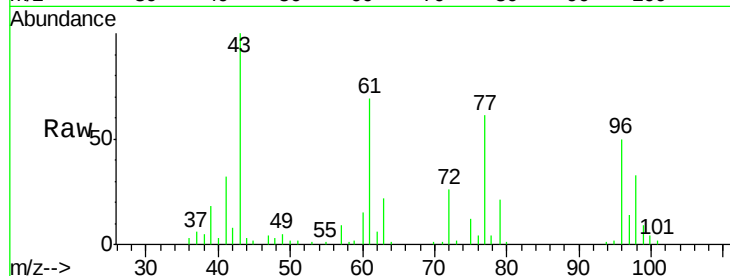
Tot Ion: 96 Resp: 43620

Ion Ratio Lower Upper

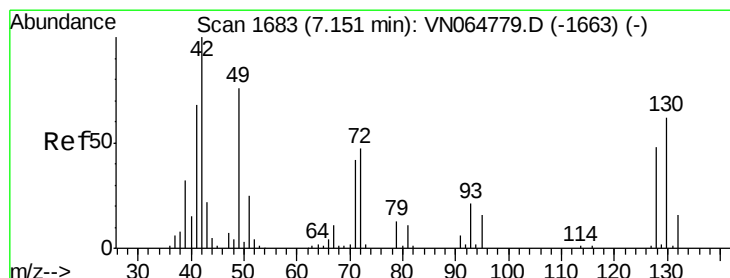
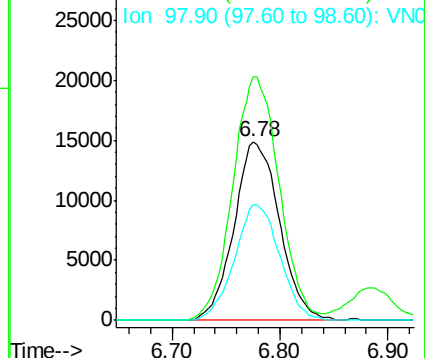
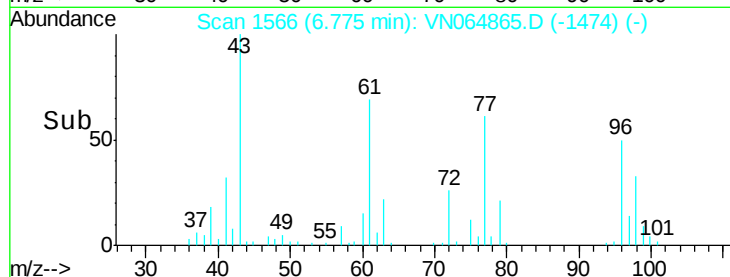
96 100

61 139.2 0.0 285.8

98 64.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064865.D (-1474) (-)



#28

Bromochloromethane

Concen: 17.535 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

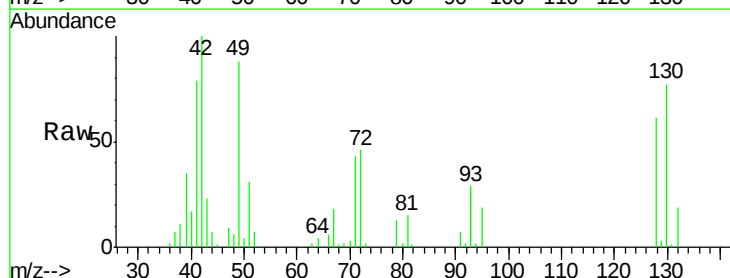
Tgt Ion: 49 Resp: 32132

Ion Ratio Lower Upper

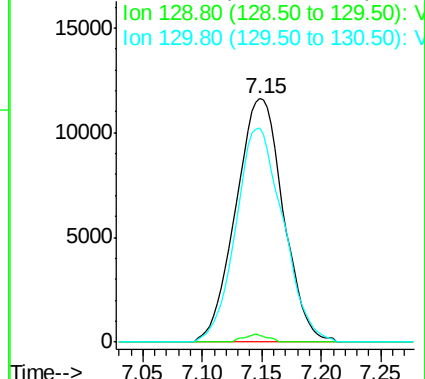
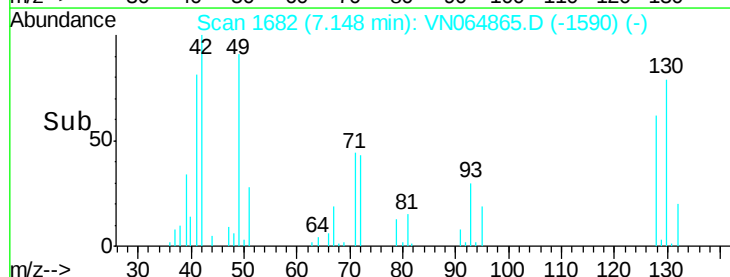
49 100

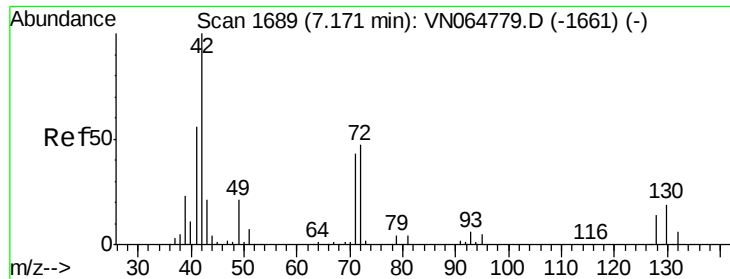
129 1.6 0.0 3.8

130 87.6 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064865.D (-1590) (-)

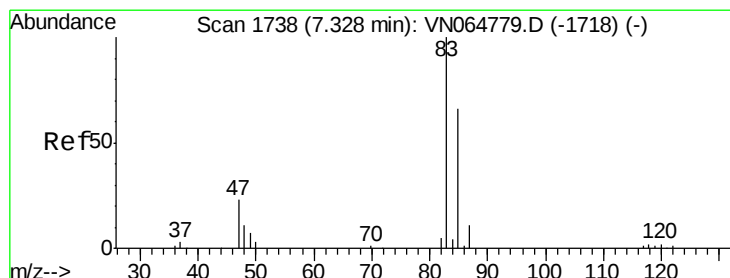
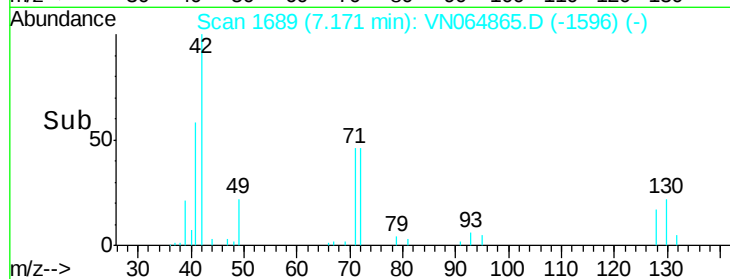
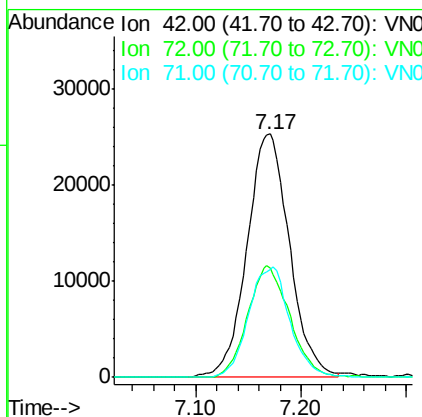
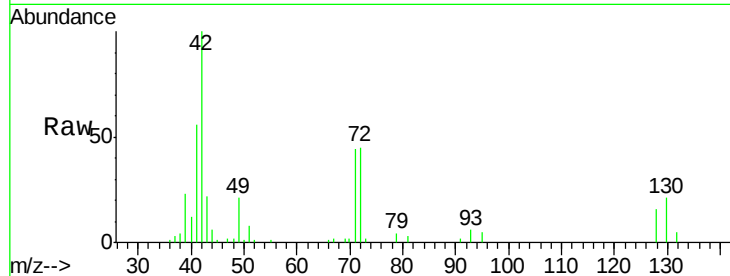




#29
Tetrahydrofuran
Concen: 79.366 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

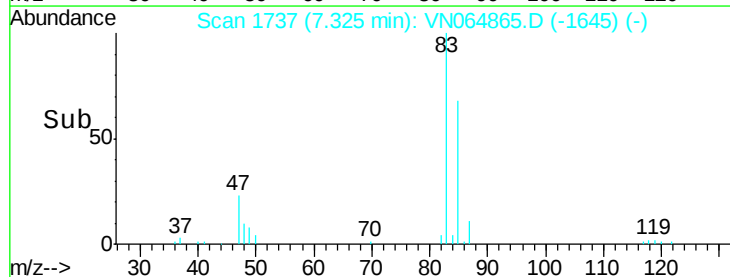
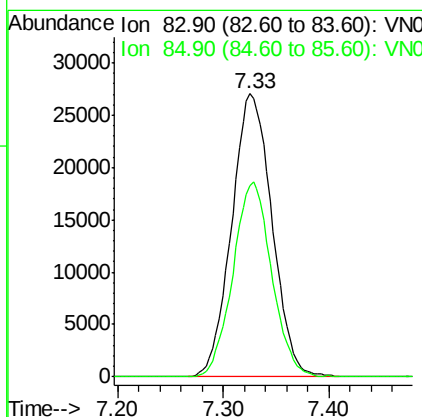
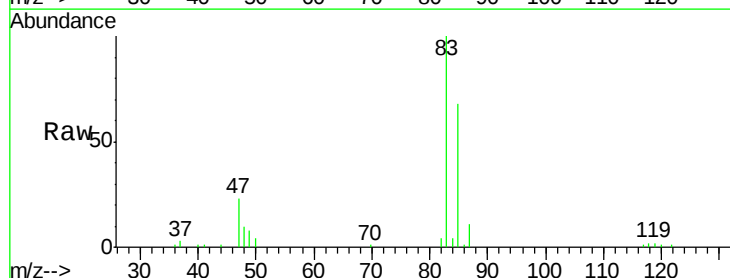
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

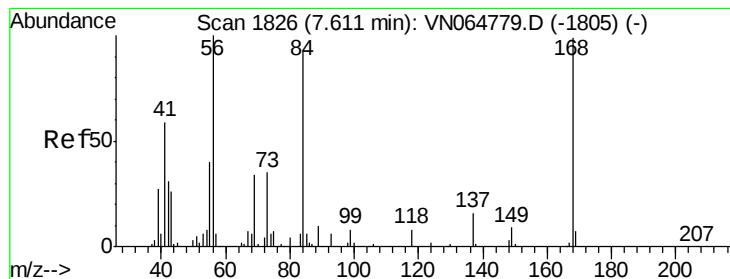
Tot Ion: 42 Resp: 71062
Ion Ratio Lower Upper
42 100
72 45.1 36.6 54.8
71 44.1 33.6 50.4



#30
Chloroform
Concen: 17.369 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 83 Resp: 71748
Ion Ratio Lower Upper
83 100
85 67.7 52.6 78.8





#31

Cyclohexane

Concen: 17.205 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

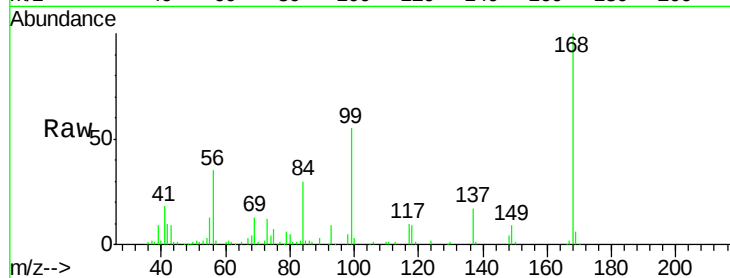
Tot Ion: 56 Resp: 58370

Ion Ratio Lower Upper

56 100

69 38.3 27.5 41.3

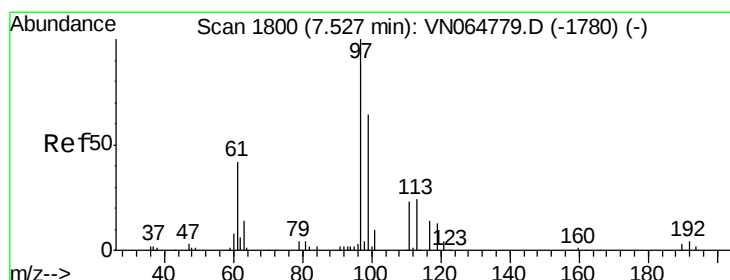
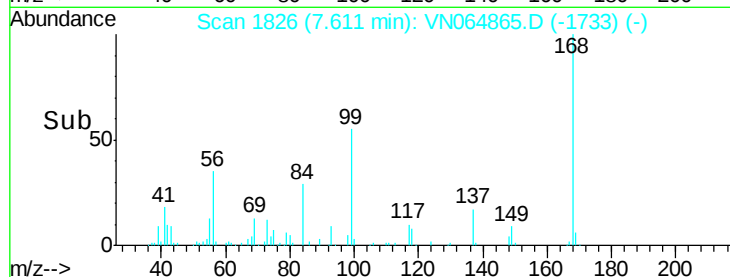
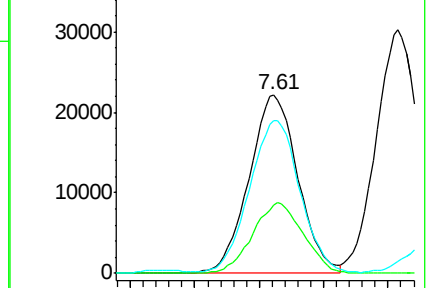
84 85.0 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064865.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064865.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064865.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 17.411 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

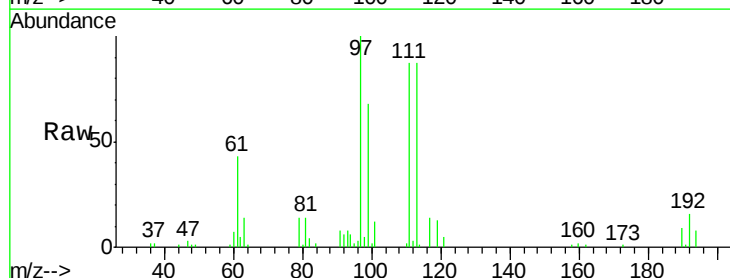
Tgt Ion: 97 Resp: 61772

Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

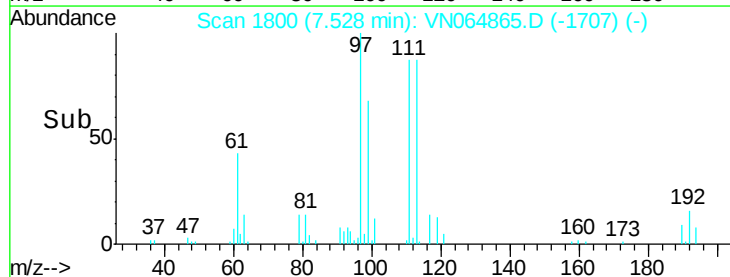
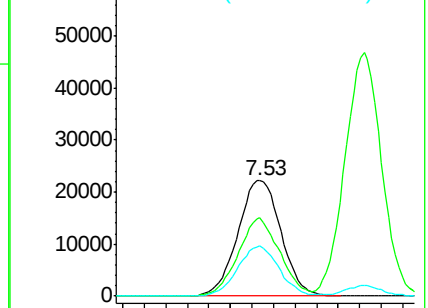
61 41.5 33.9 50.9

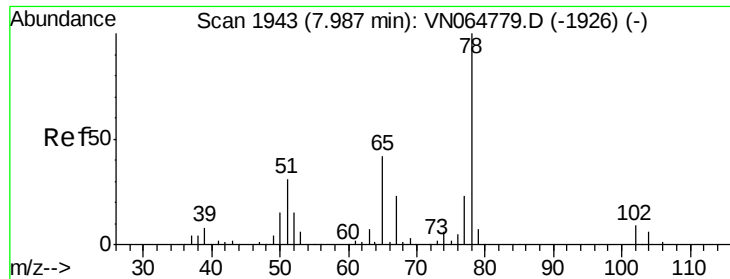


Abundance Ion 96.90 (96.60 to 97.60): VN064865.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064865.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064865.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.219 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

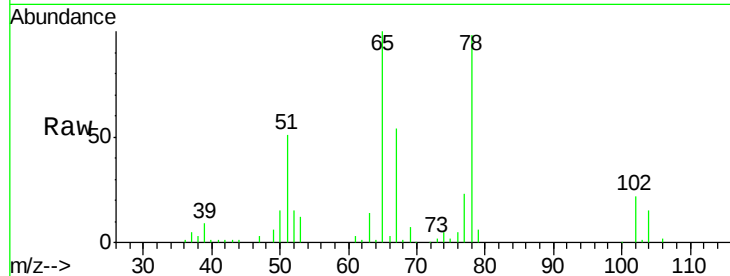
VN1130MBS01

Tot Ion: 65 Resp: 112501

Ion Ratio Lower Upper

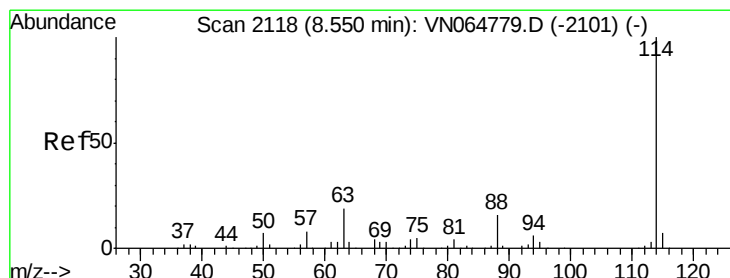
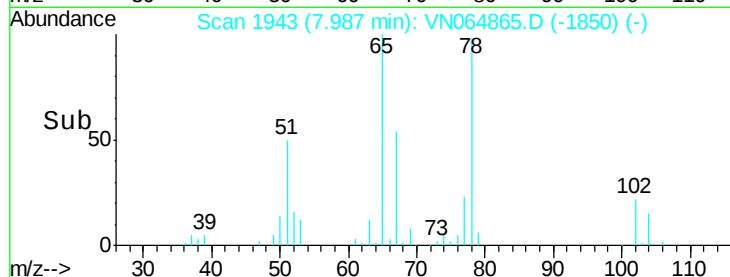
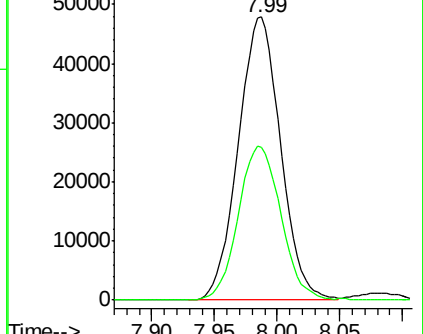
65 100

67 54.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064865.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064865.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

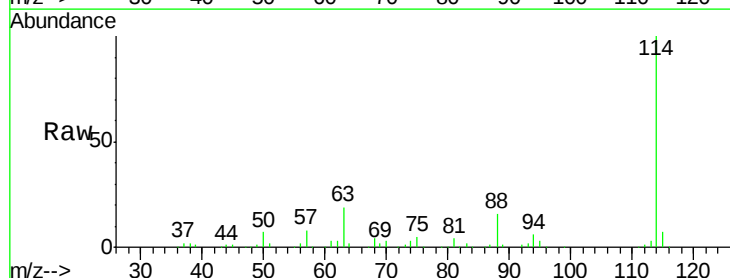
Tgt Ion: 114 Resp: 324807

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

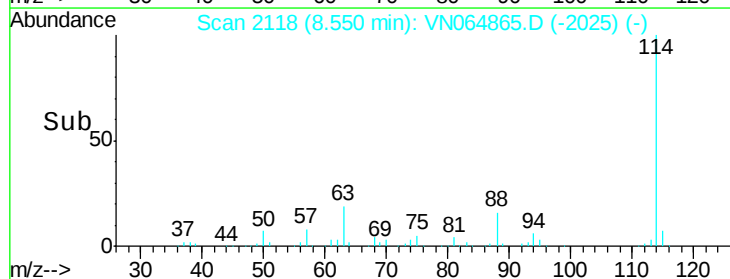
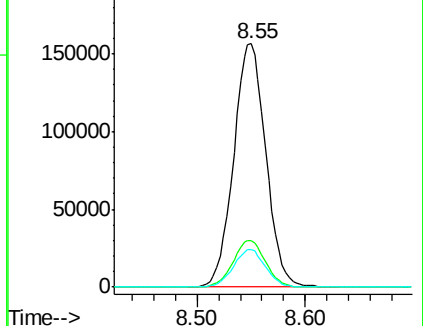
88 15.6 0.0 32.6

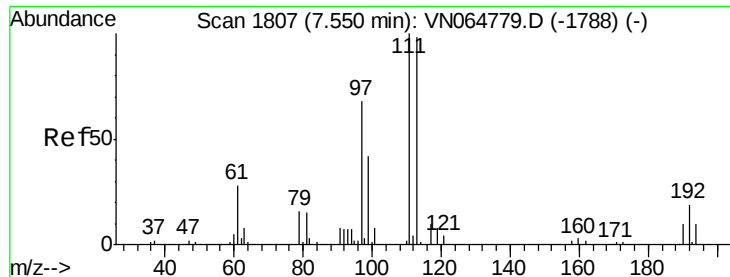


Abundance Ion 113.90 (113.60 to 114.60): VN064865.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064865.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064865.D (-2025) (-)

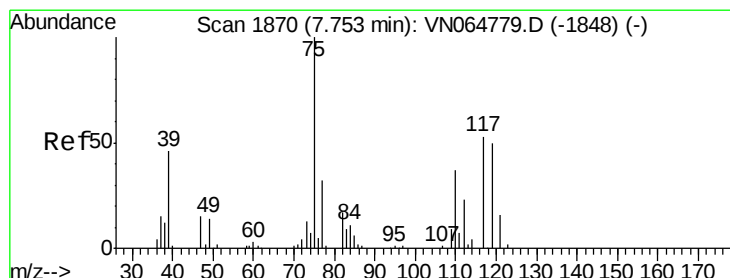
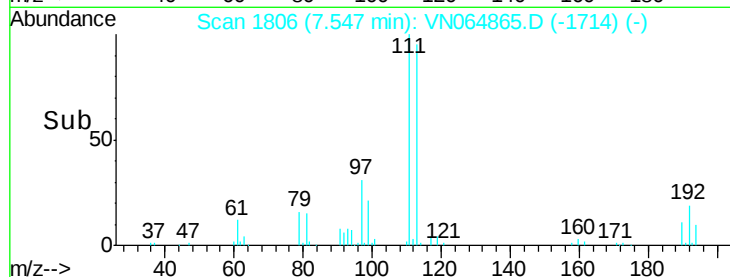
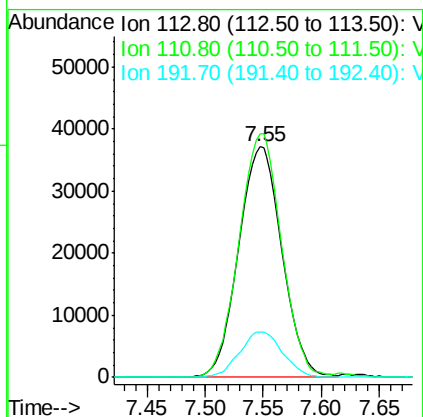
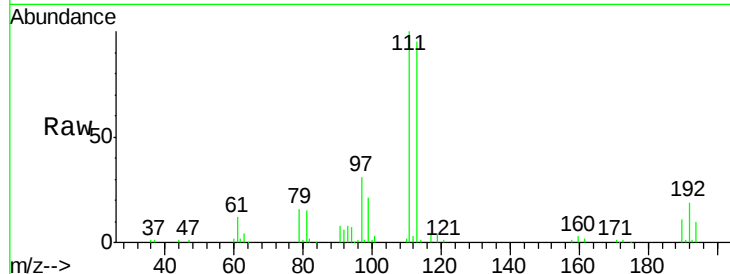




#35
 Dibromofluoromethane
 Concen: 49.734 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

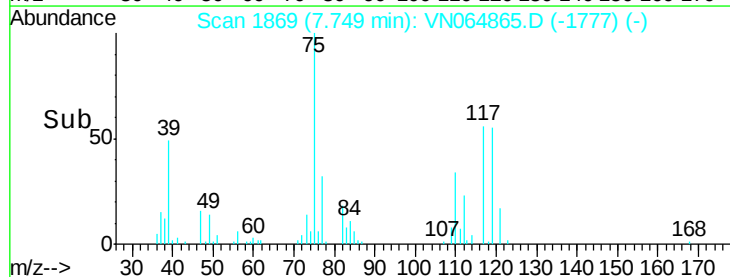
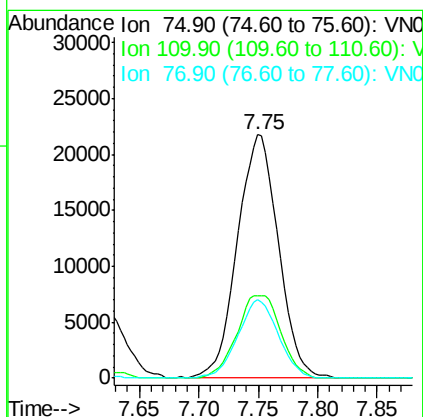
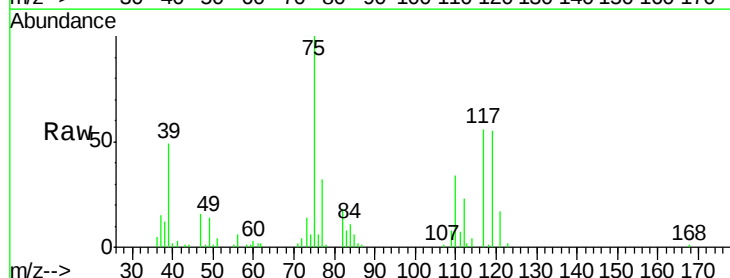
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

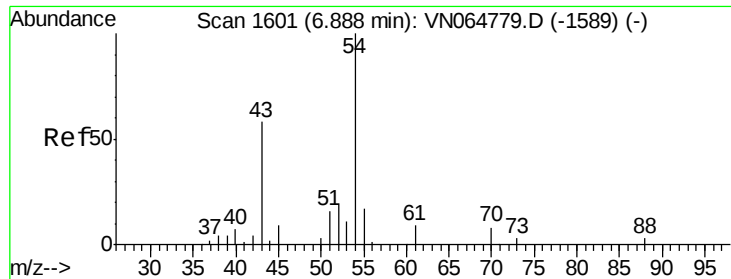
Tot Ion:113 Resp: 96661
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.6 122.4
 192 19.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.239 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 75 Resp: 51899
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.8 53.3
 77 31.7 25.0 37.4

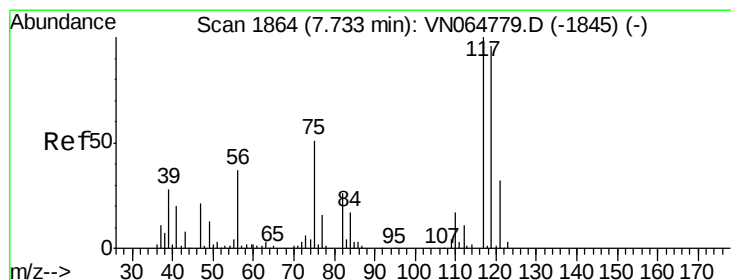
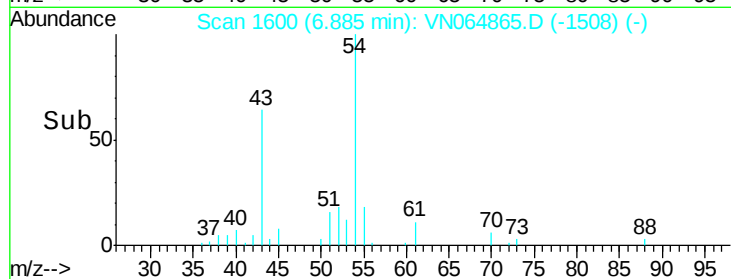
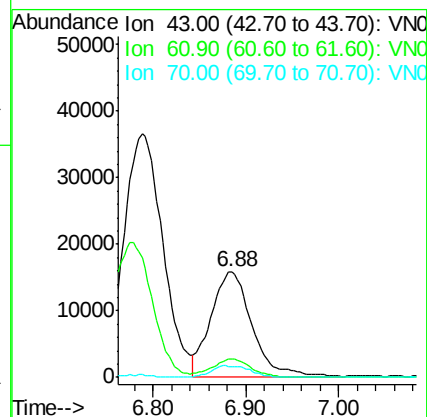
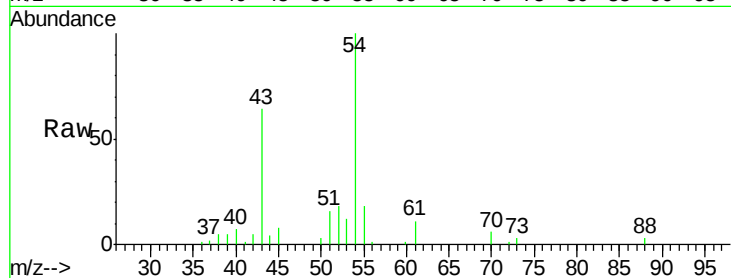




#37
Ethyl Acetate
Concen: 17.041 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

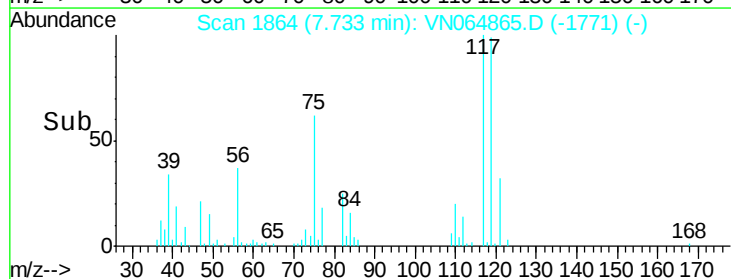
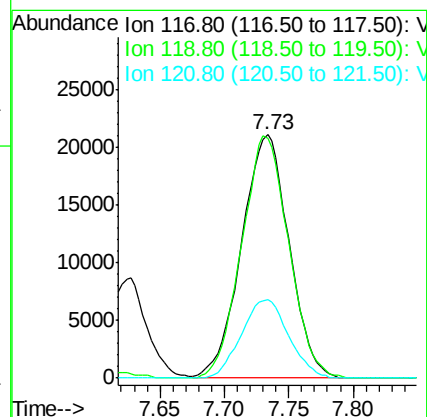
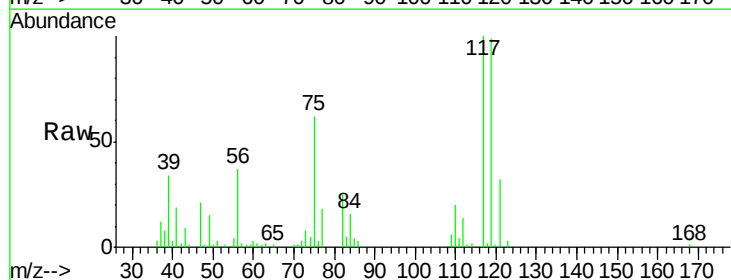
Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

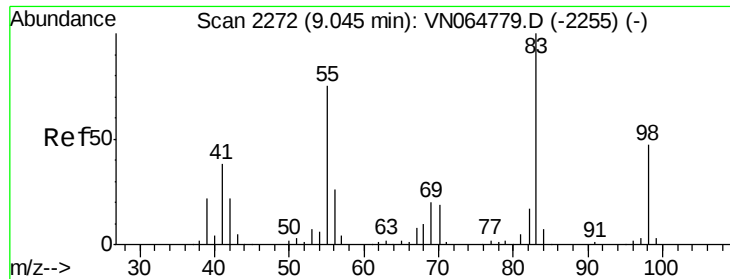
Tot Ion: 43 Resp: 49419
Ion Ratio Lower Upper
43 100
61 16.4 12.8 19.2
70 5.4 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 17.224 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 117 Resp: 53954
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
121 32.1 25.4 38.2

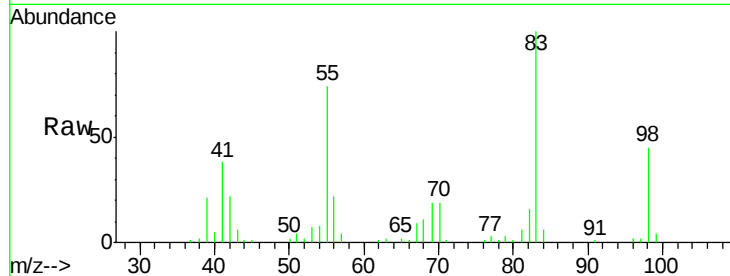




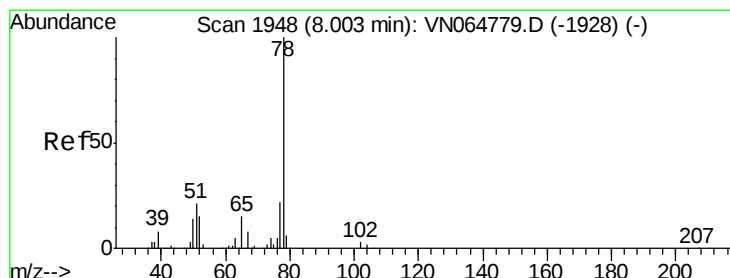
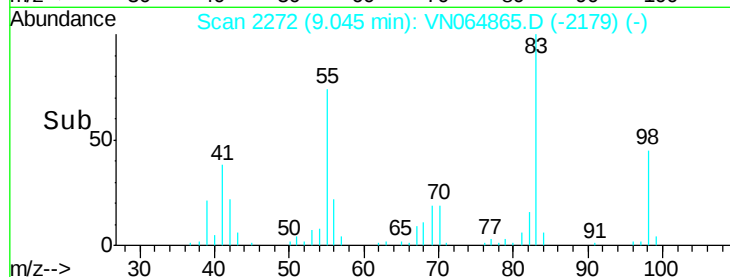
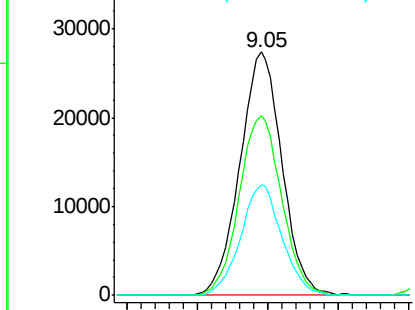
#39
Methvlcvclohexane
Concen: 17.637 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

Tot Ion: 83 Resp: 57160
Ion Ratio Lower Upper
83 100
55 73.6 60.2 90.2
98 45.2 37.4 56.2

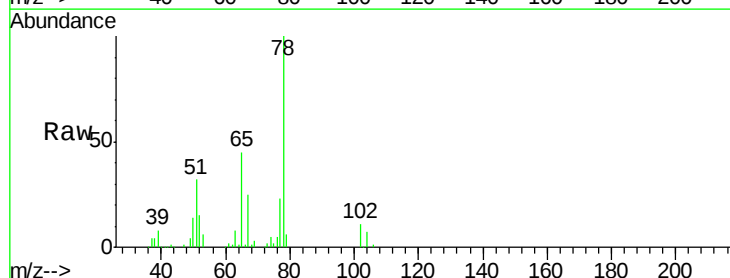


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

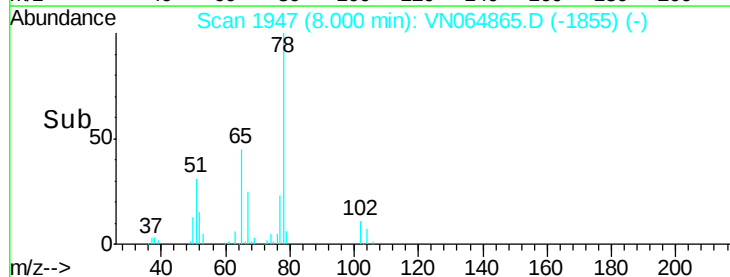
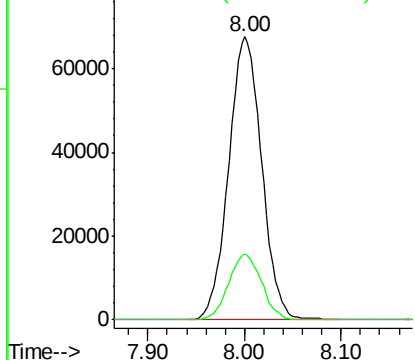


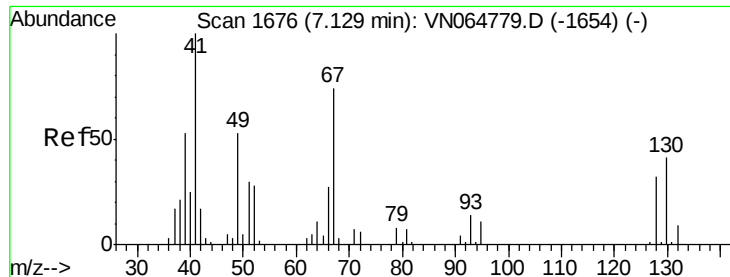
#40
Benzene
Concen: 17.375 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 78 Resp: 160293
Ion Ratio Lower Upper
78 100
77 23.4 17.9 26.9



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

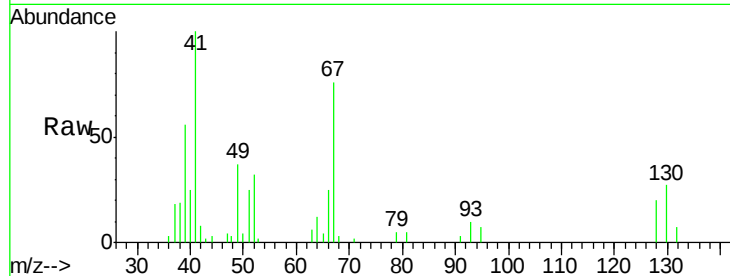




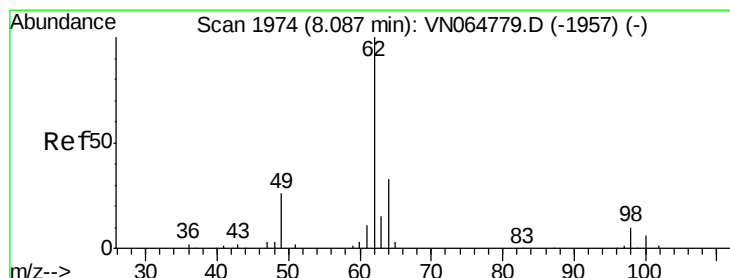
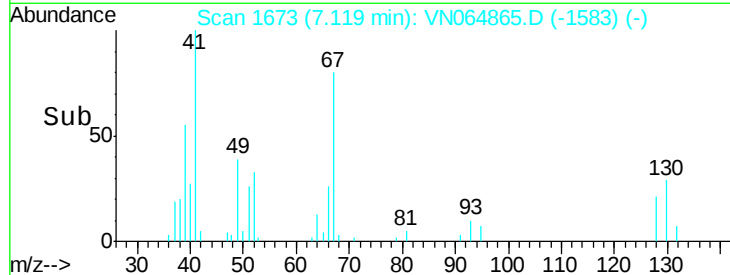
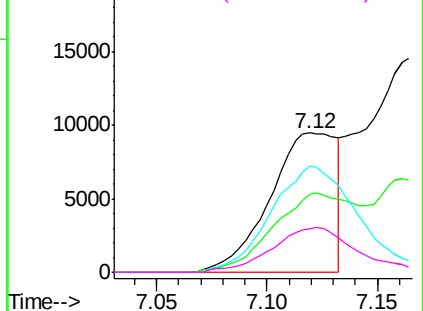
#41
Methacrylonitrile
Concen: 14.881 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

Tot Ion: 41 Resp: 19913
Ion Ratio Lower Upper
41 100
39 72.1 51.0 76.6
67 100.0 79.8 119.8
52 40.5 31.5 47.3

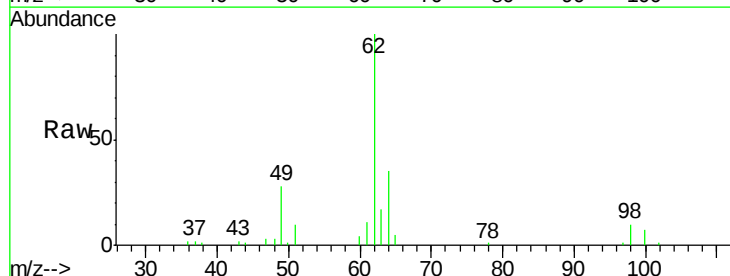


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

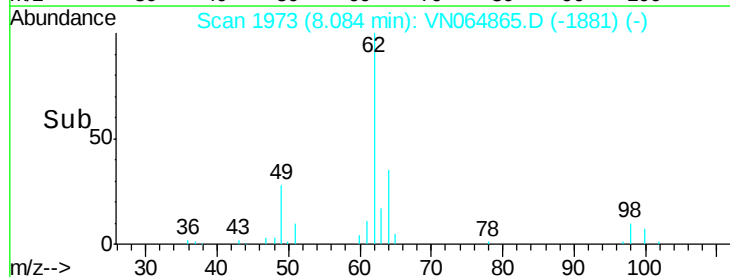
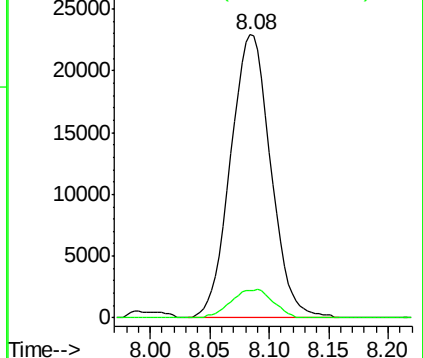


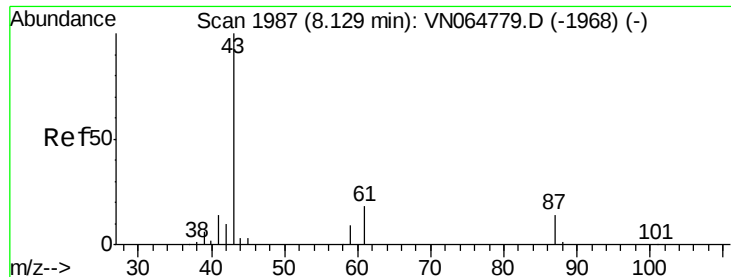
#42
1,2-Dichloroethane
Concen: 17.274 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 62 Resp: 53759
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 16.322 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

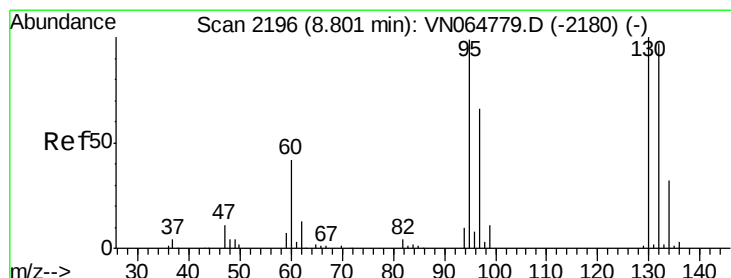
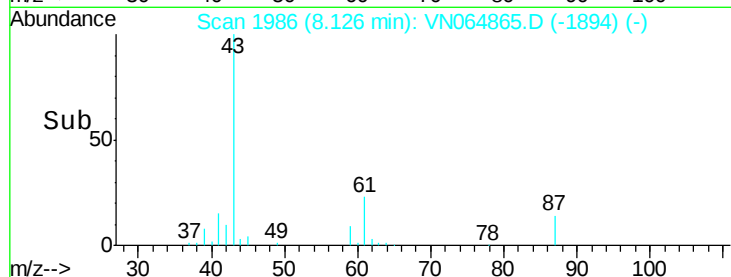
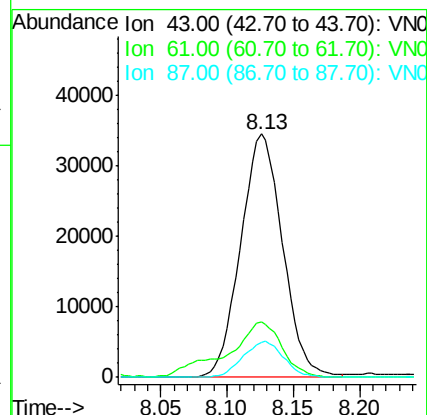
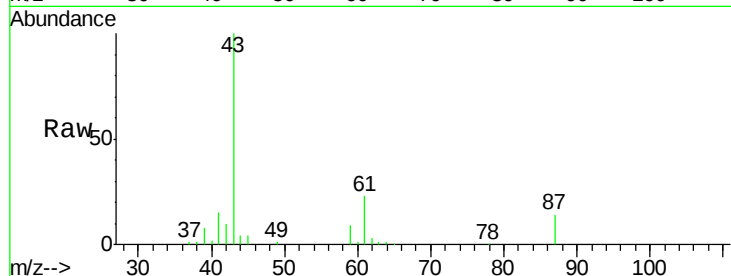
Tot Ion: 43 Resp: 76168

Ion Ratio Lower Upper

43 100

61 29.5 17.2 25.8#

87 14.3 11.4 17.0



#44

Trichloroethene

Concen: 17.866 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064865.D

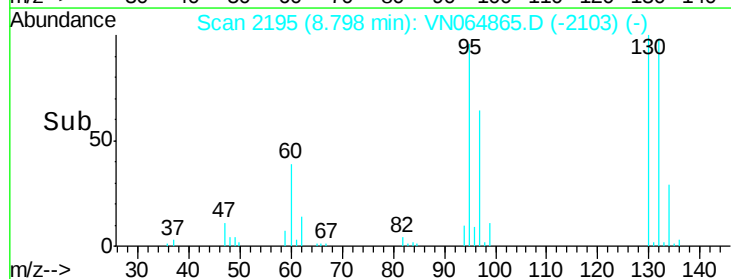
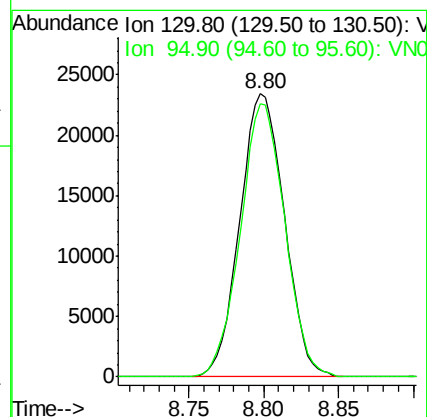
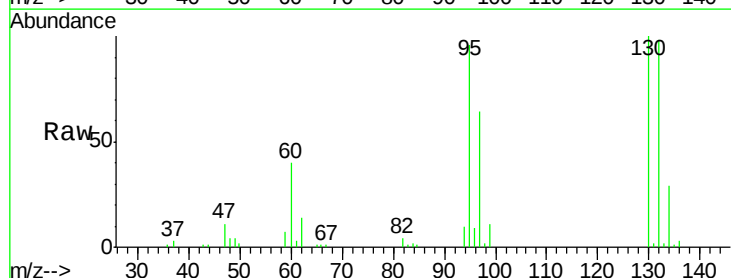
Acq: 30 Nov 2020 12:04

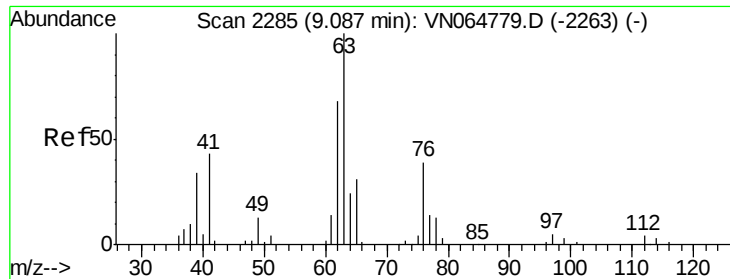
Tgt Ion:130 Resp: 48632

Ion Ratio Lower Upper

130 100

95 96.3 0.0 197.8

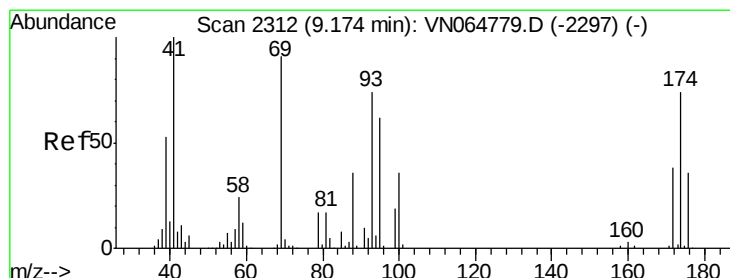
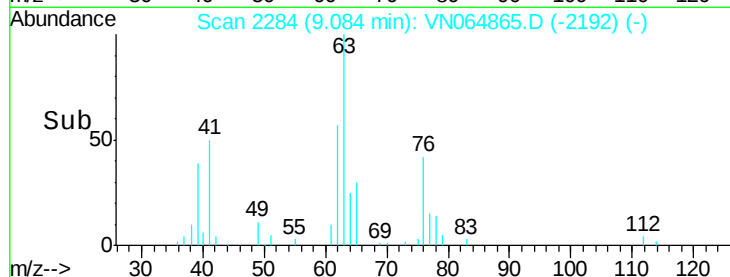
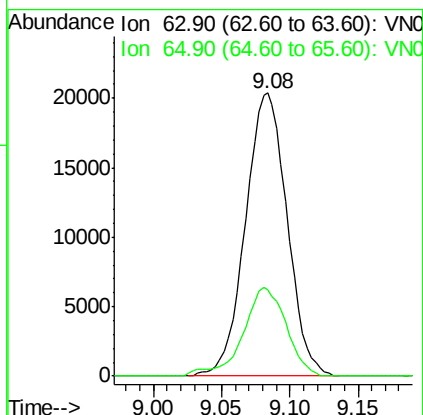
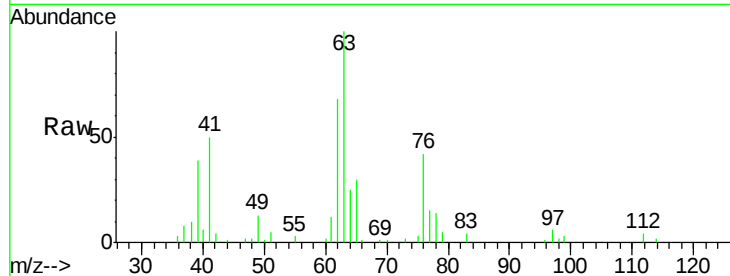




#45
 1,2-Dichloropropane
 Concen: 18.063 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

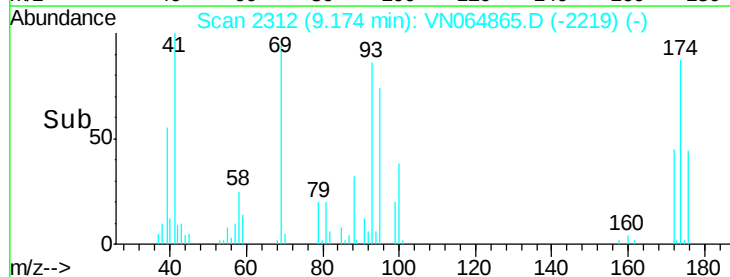
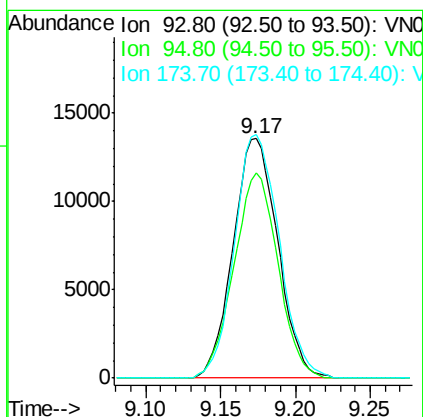
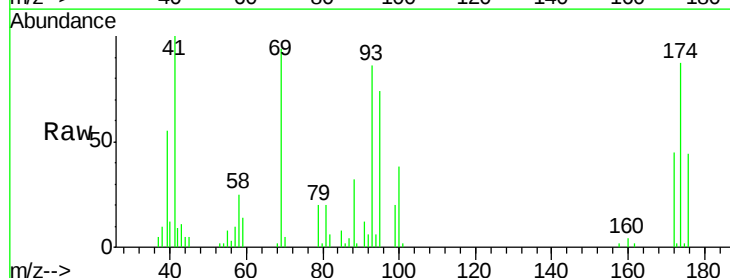
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

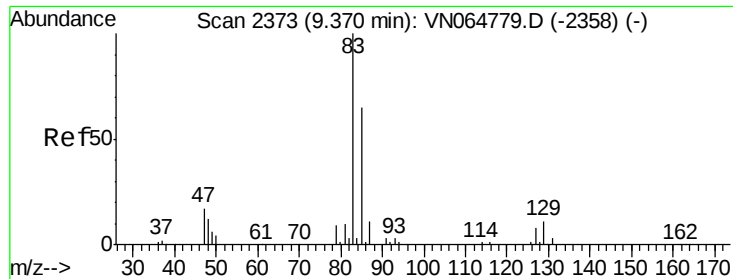
Tot Ion: 63 Resp: 43156
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 17.678 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 93 Resp: 28216
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.8 103.2
 174 101.7 83.1 124.7





#47

Bromodichloromethane

Concen: 17.735 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

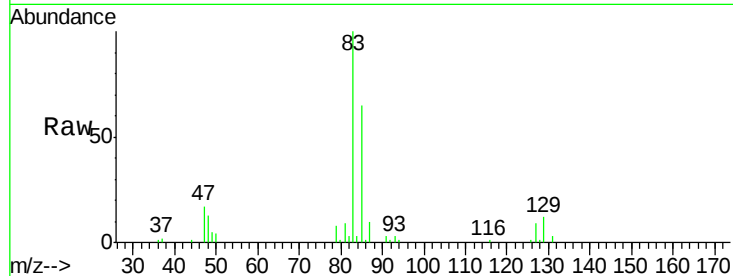
Tot Ion: 83 Resp: 56956

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.8

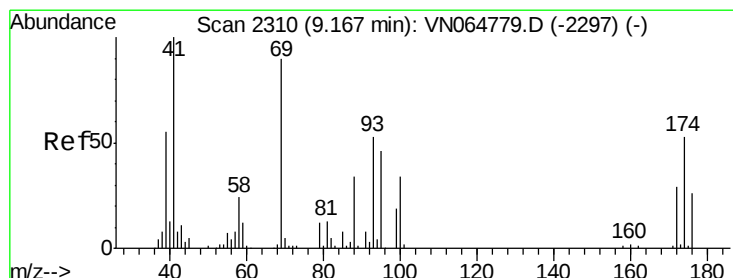
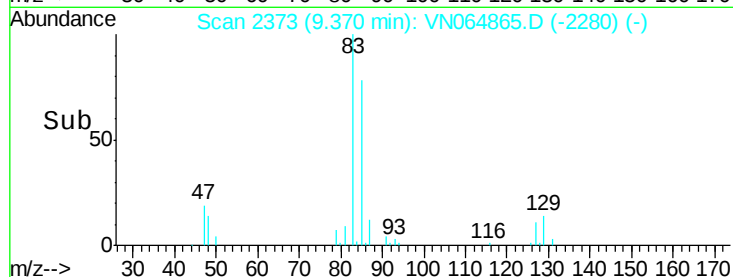
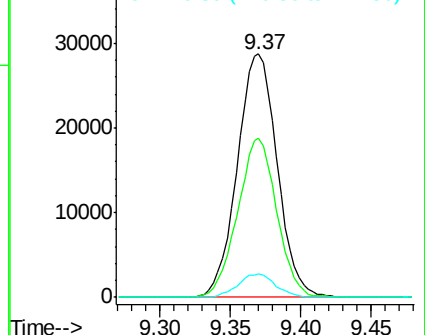
127 9.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064865.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064865.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064865.D (-2280) (-)



#48

Methyl methacrylate

Concen: 16.274 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

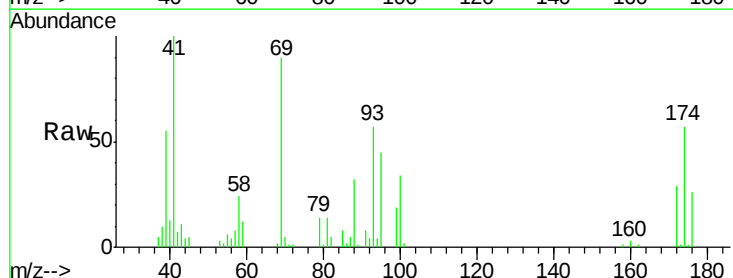
Tgt Ion: 41 Resp: 36289

Ion Ratio Lower Upper

41 100

69 91.6 71.8 107.8

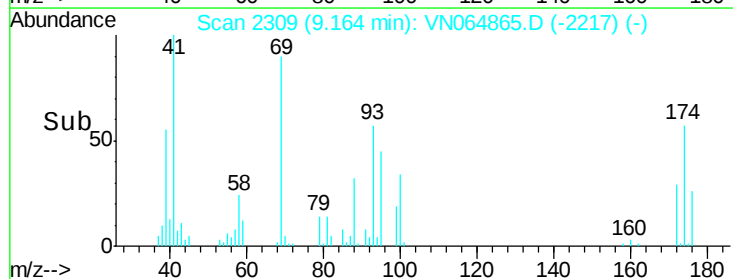
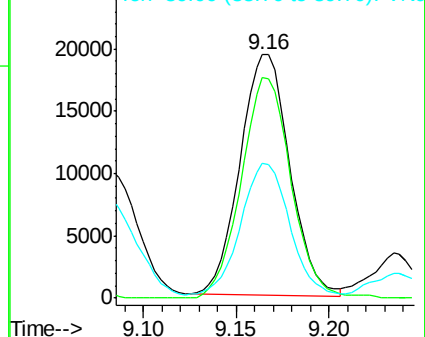
39 56.6 44.1 66.1

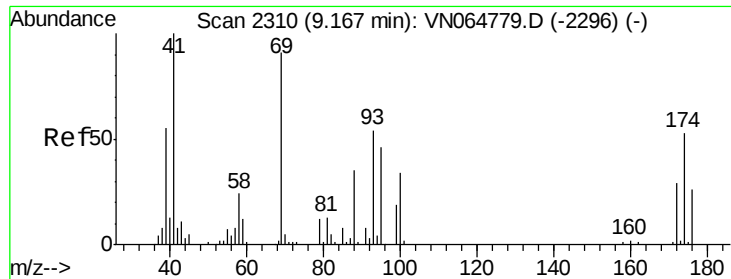


Abundance Ion 41.00 (40.70 to 41.70): VN064865.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064865.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064865.D (-2217) (-)

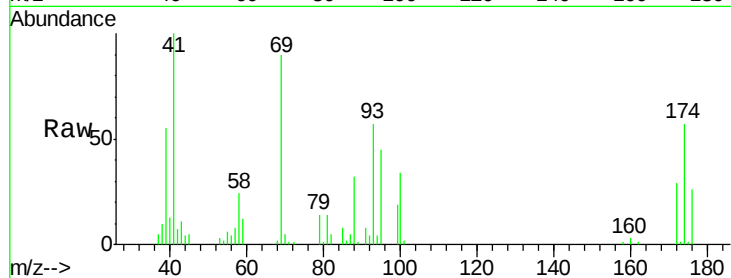




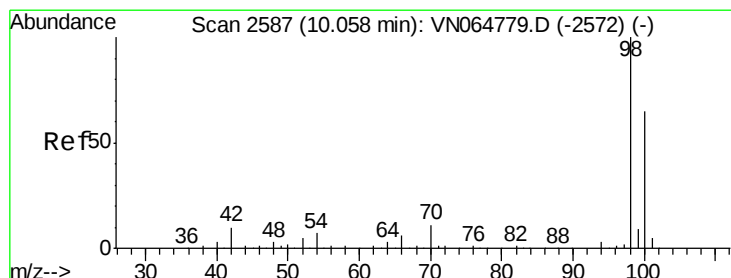
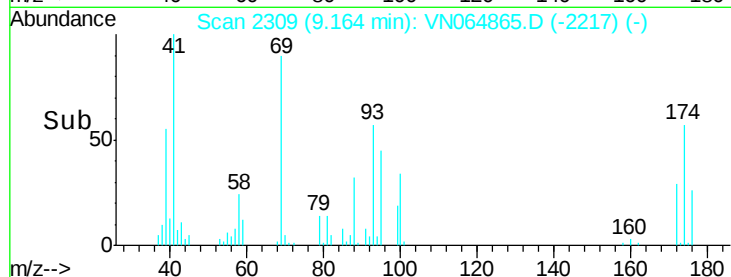
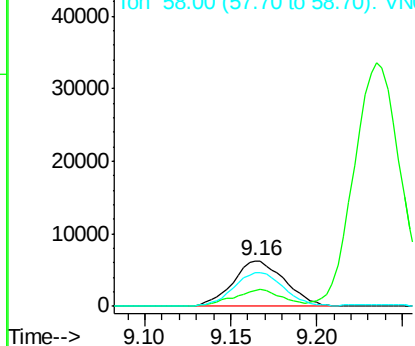
#49
 1,4-Dioxane
 Concen: 311.073 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

Tot Ion: 88 Resp: 13110
 Ion Ratio Lower Upper
 88 100
 43 34.2 24.2 36.4
 58 72.0 52.5 78.7

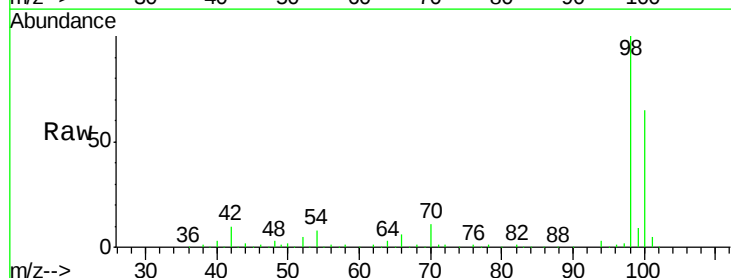


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

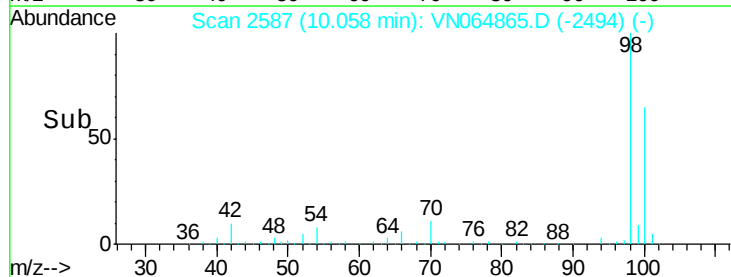
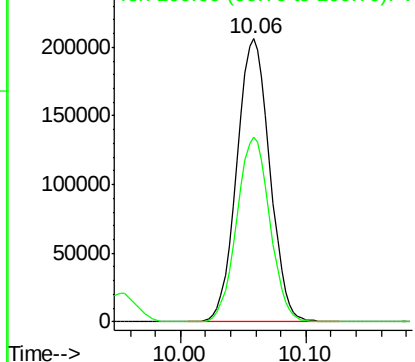


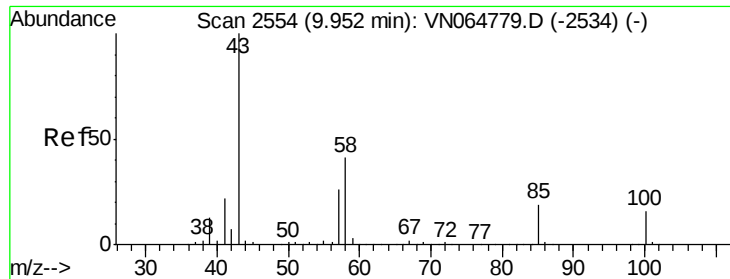
#50
 Toluene-d8
 Concen: 47.452 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 98 Resp: 376824
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.7 77.5



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: 84.070 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

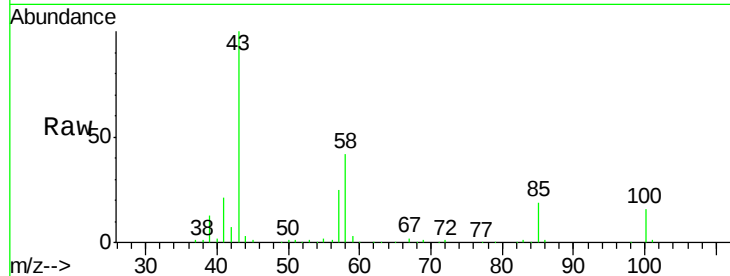
VN1130MBS01

Tot Ion: 43 Resp: 23525

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

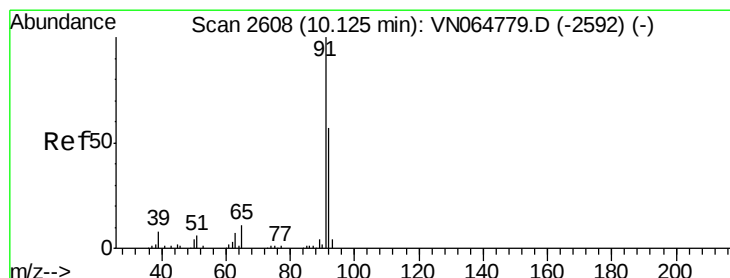
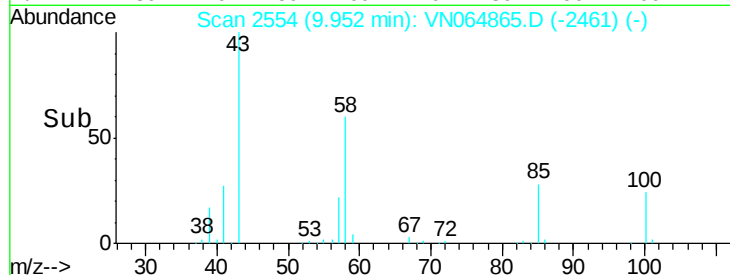
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 17.660 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064865.D

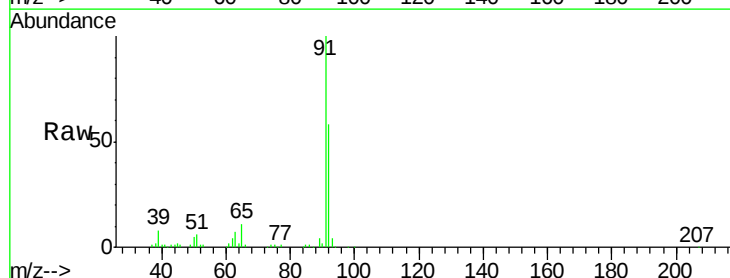
Acq: 30 Nov 2020 12:04

Tgt Ion: 92 Resp: 100334

Ion Ratio Lower Upper

92 100

91 174.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

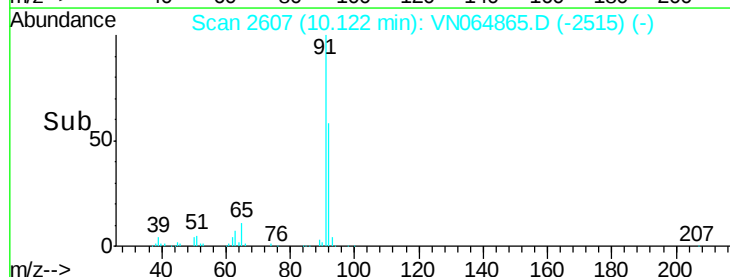
40000

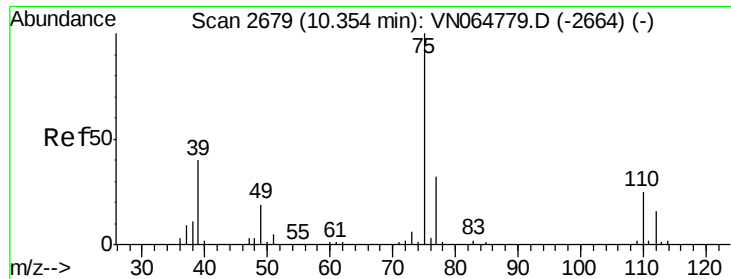
20000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.681 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

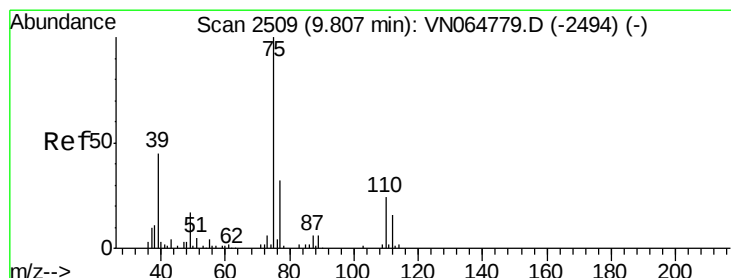
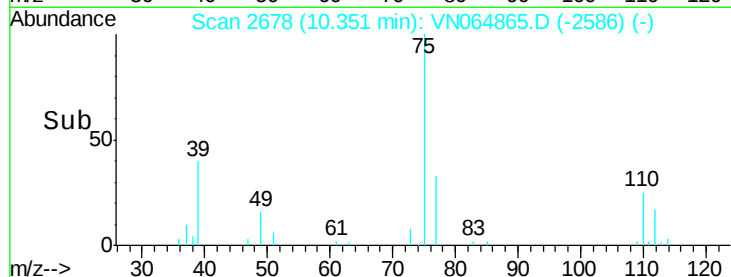
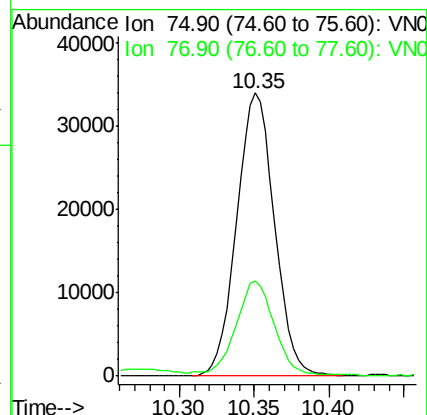
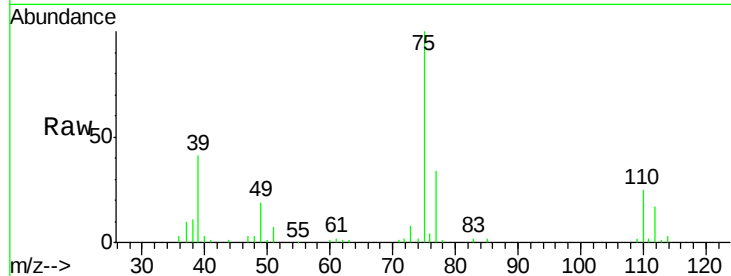
VN1130MBS01

Tot Ion: 75 Resp: 59670

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.626 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

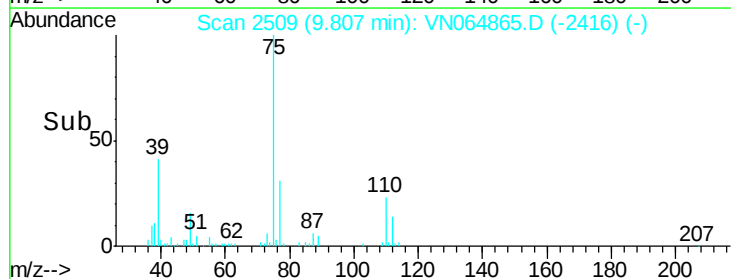
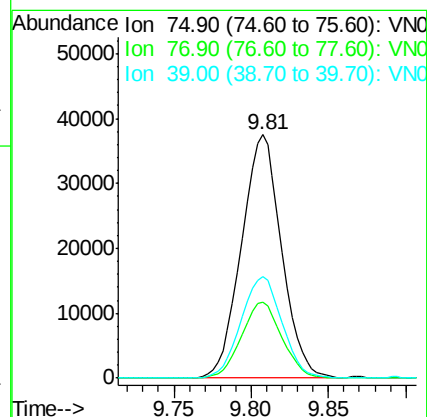
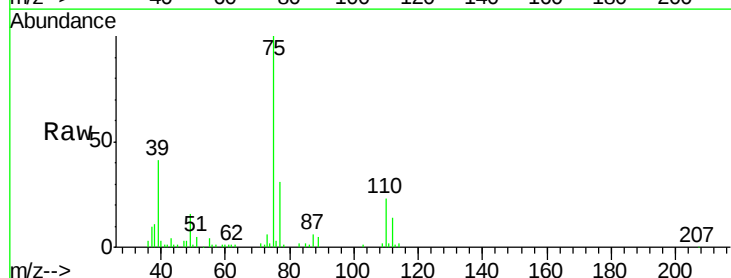
Tgt Ion: 75 Resp: 67580

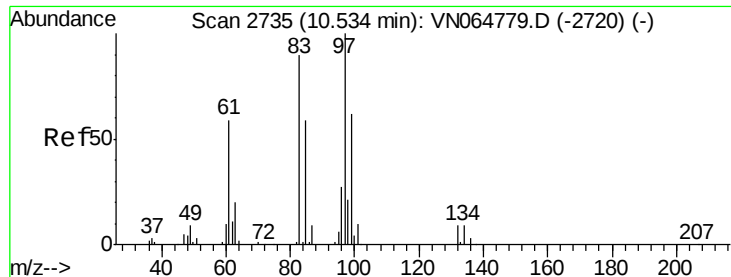
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 41.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 17.727 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

Tot Ion: 97 Resp: 41415

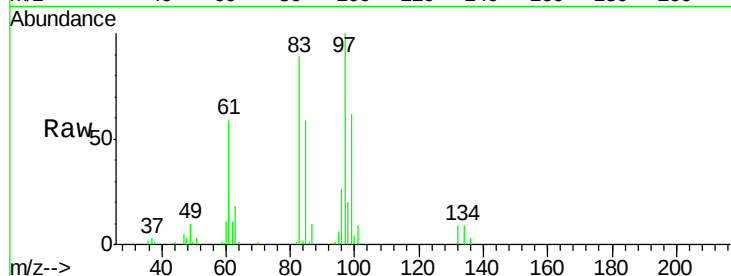
Ion Ratio Lower Upper

97 100

83 89.0 72.1 108.1

85 58.7 46.8 70.2

99 61.8 49.6 74.4

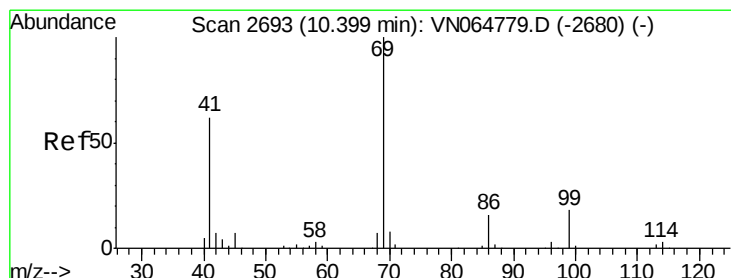
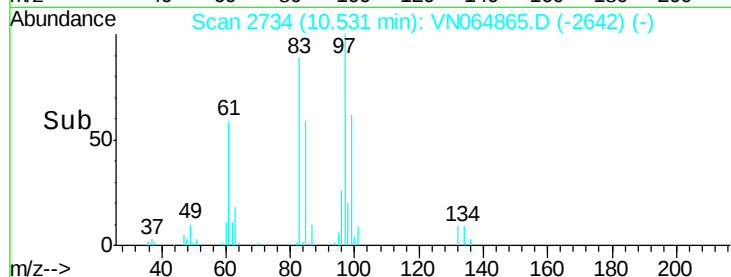
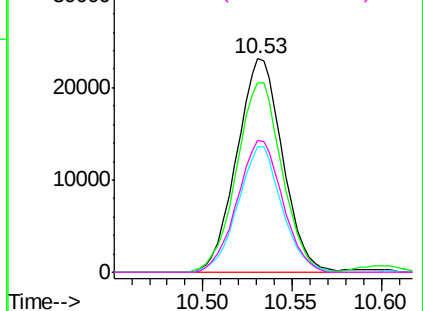


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.158 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

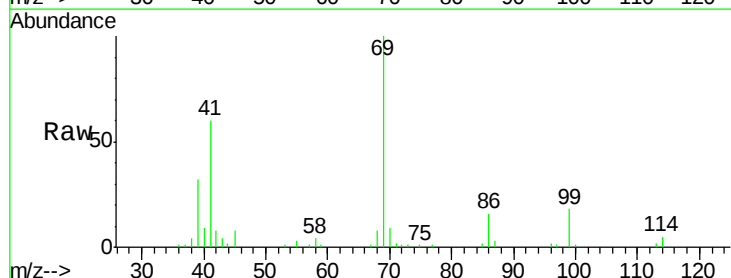
Tgt Ion: 69 Resp: 55319

Ion Ratio Lower Upper

69 100

41 60.7 49.4 74.0

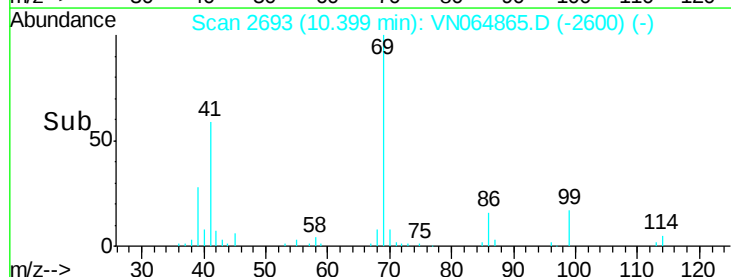
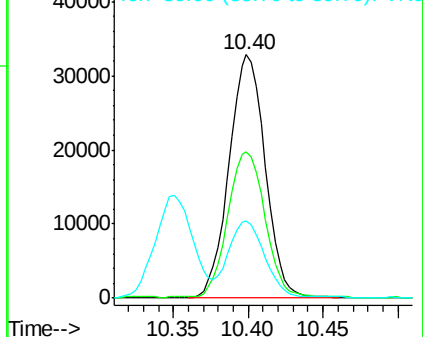
39 31.2 25.9 38.9

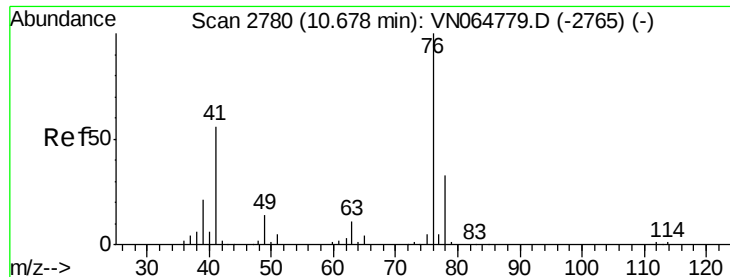


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

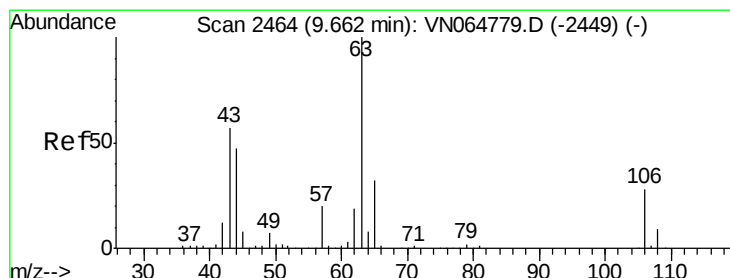
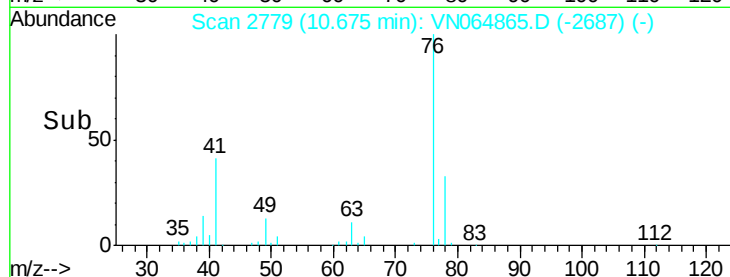
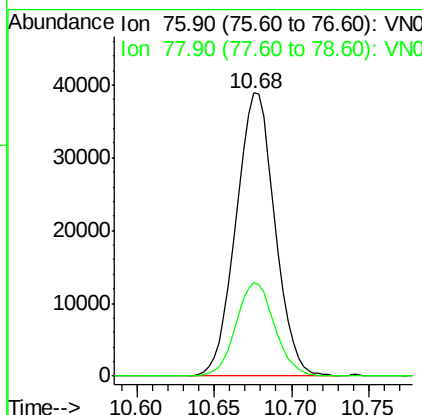
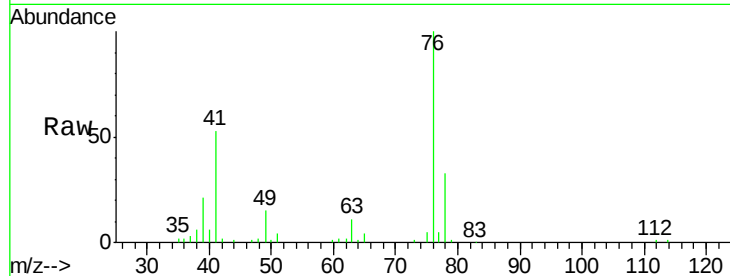




#57
 1,3-Dichloropropane
 Concen: 17.661 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

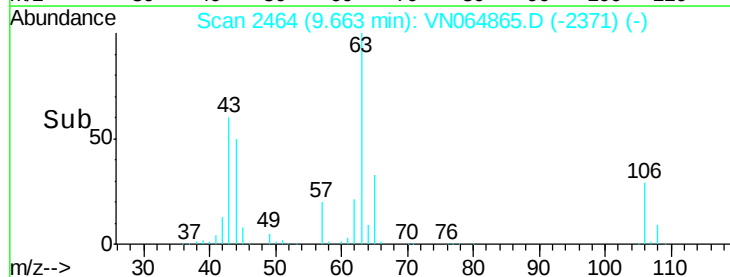
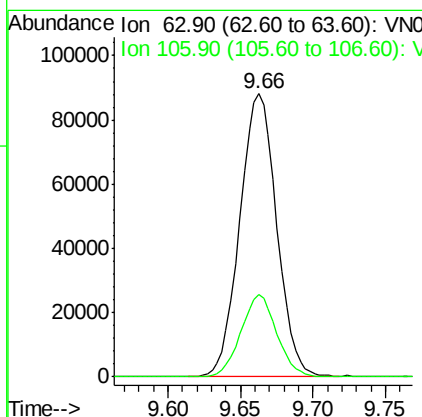
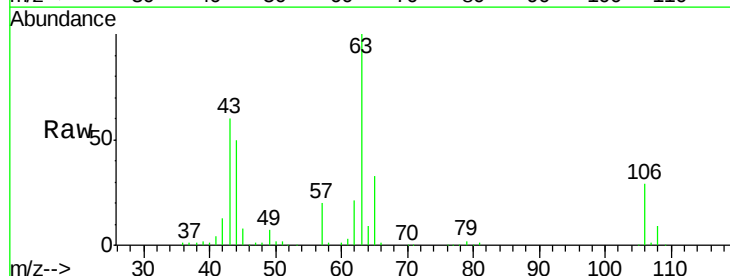
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

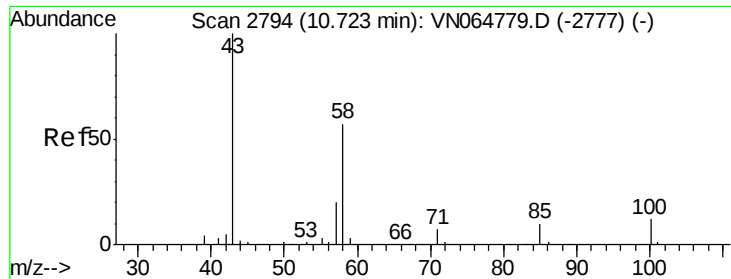
Tot Ion: 76 Resp: 68065
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.126 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 63 Resp: 156285
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.7 34.1

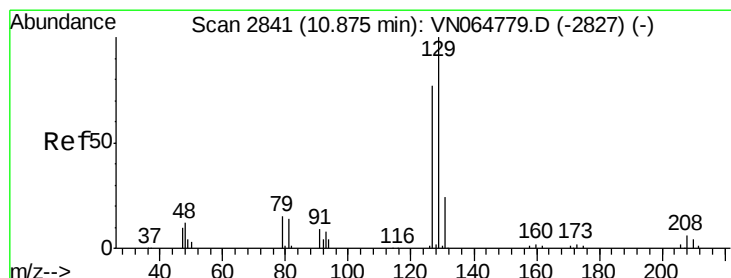
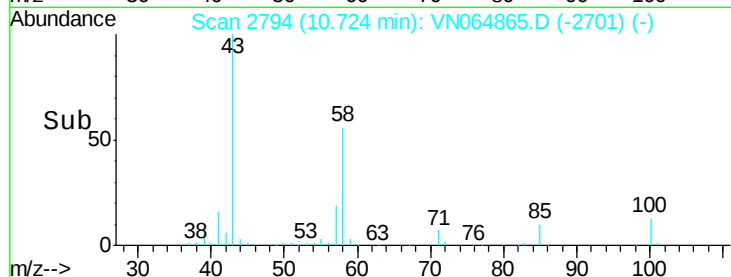
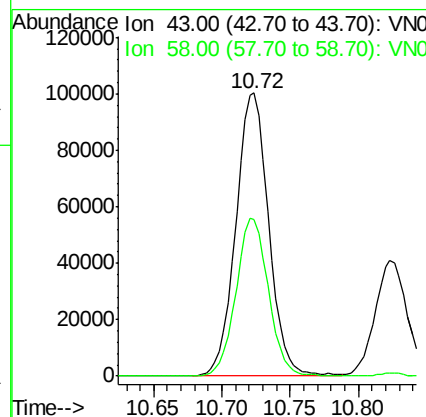
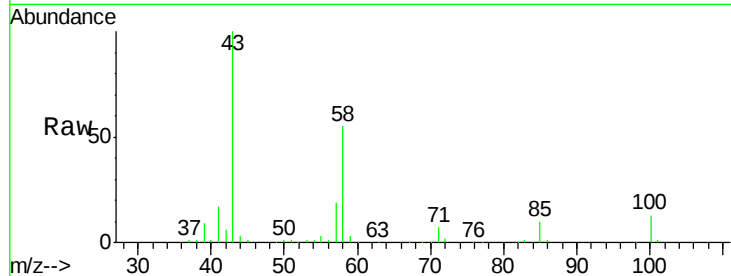




#59
2-Hexanone
Concen: 83.430 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

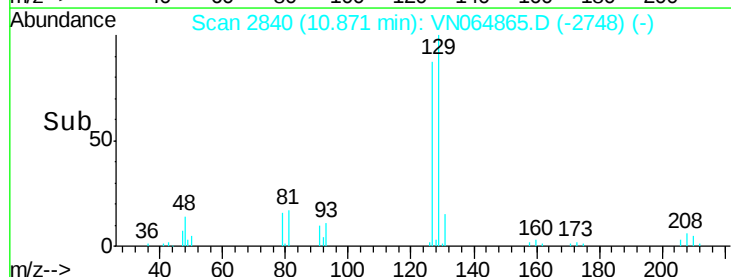
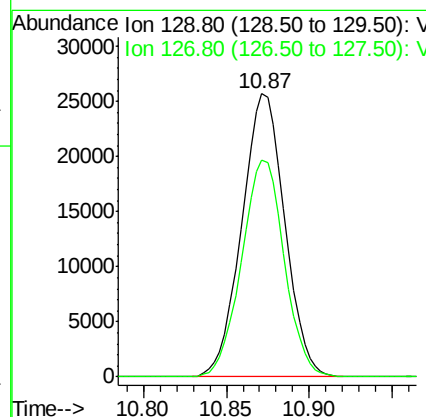
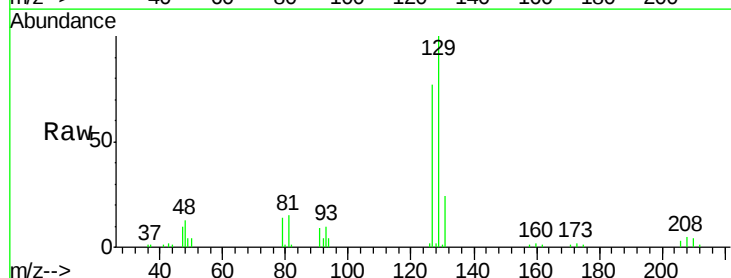
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

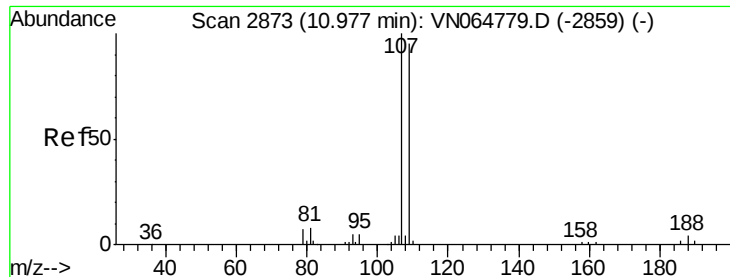
Tot Ion: 43 Resp: 168213
Ion Ratio Lower Upper
43 100
58 54.9 28.3 84.9



#60
Dibromochloromethane
Concen: 17.813 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 129 Resp: 46259
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.862 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

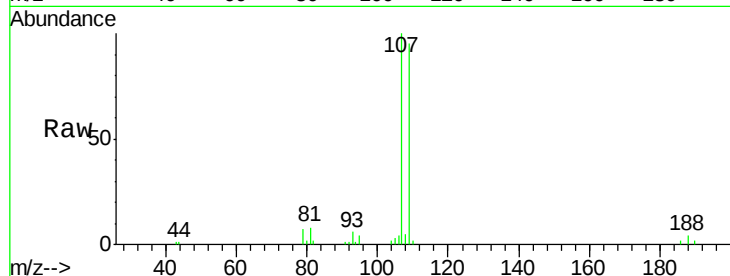
VN1130MBS01

Tot Ion:107 Resp: 42397

Ion Ratio Lower Upper

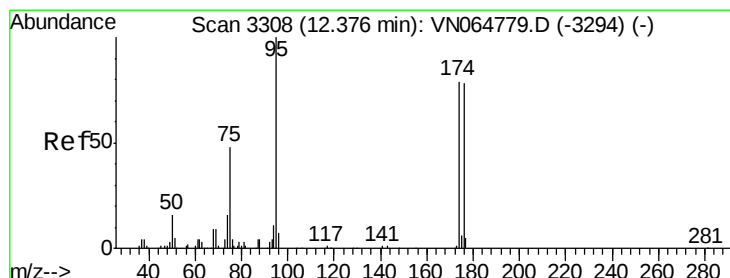
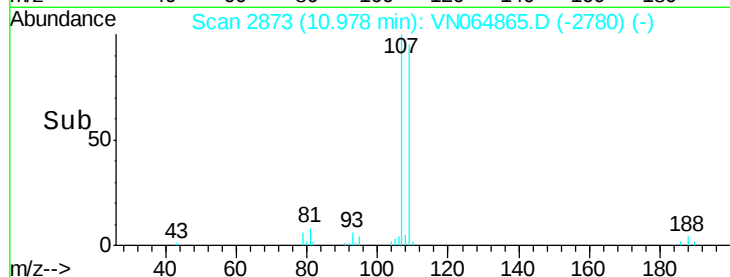
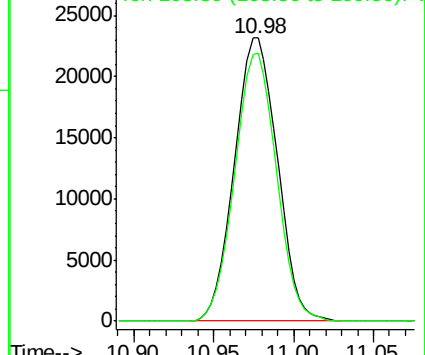
107 100

109 91.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.101 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

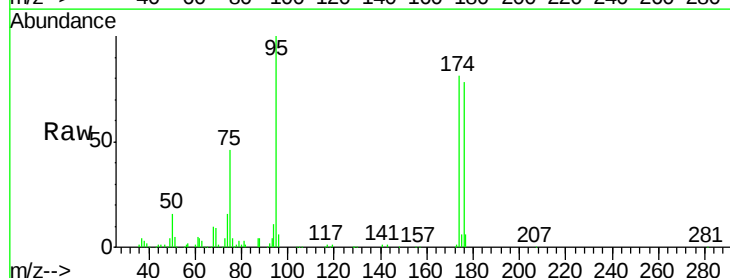
Tgt Ion: 95 Resp: 136702

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

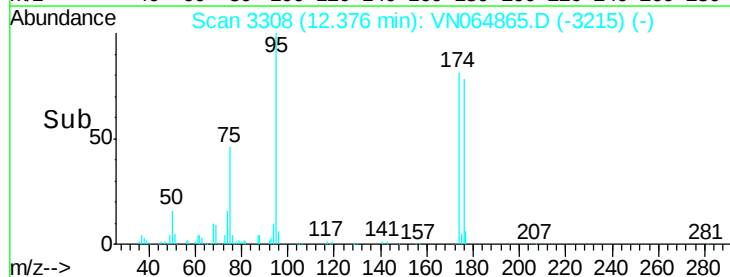
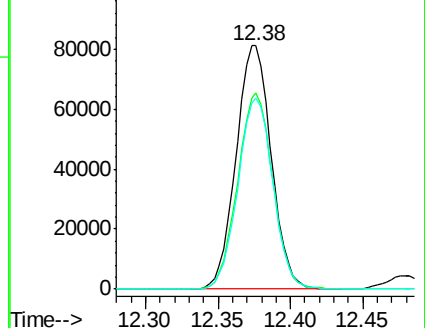
176 78.3 0.0 158.4

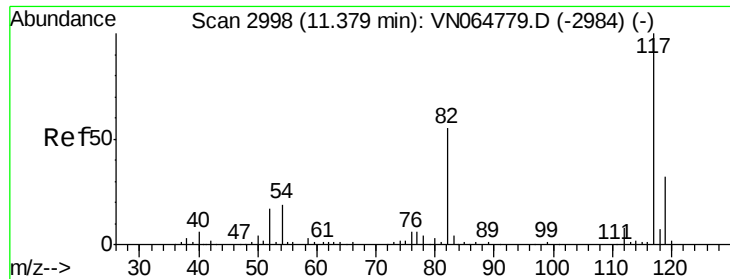


Abundance Ion 94.90 (94.60 to 95.60): V

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: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

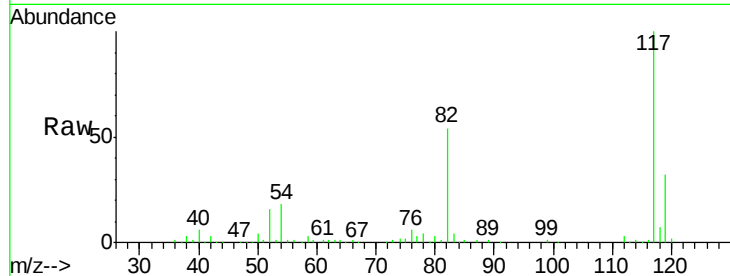
Tot Ion:117 Resp: 295048

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

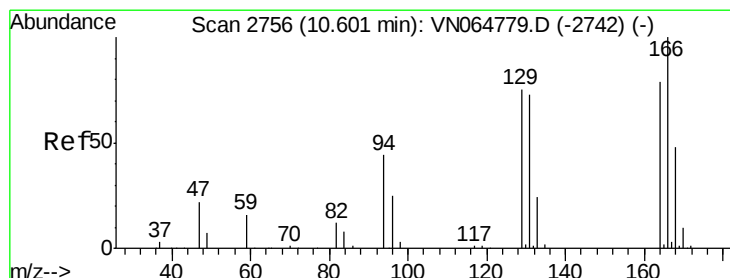
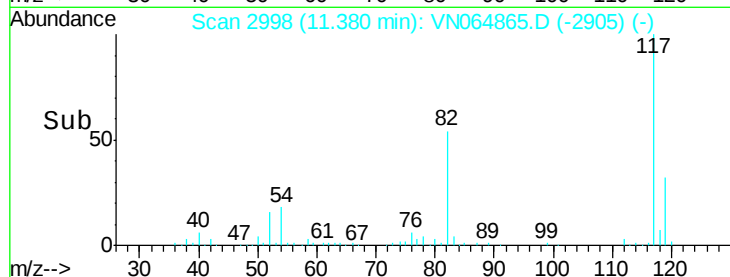
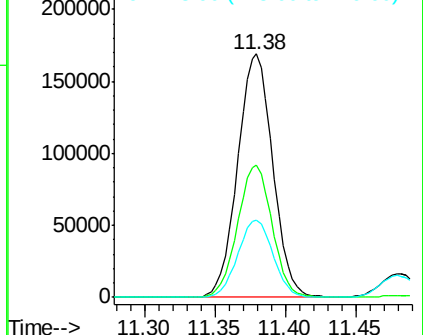
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.746 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Tgt Ion:164 Resp: 56682

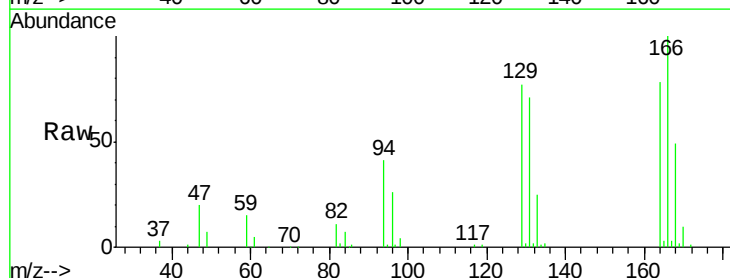
Ion Ratio Lower Upper

164 100

166 127.5 101.4 152.0

129 98.3 76.1 114.1

131 91.2 74.2 111.2

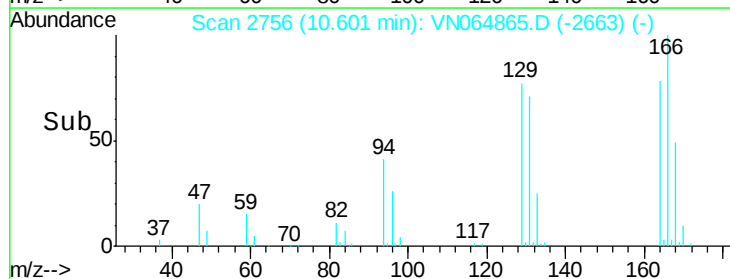
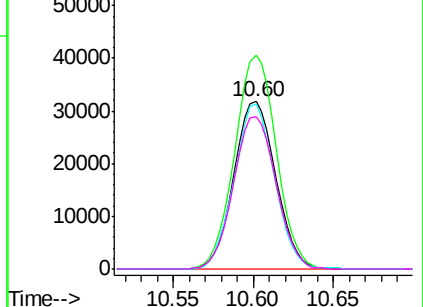


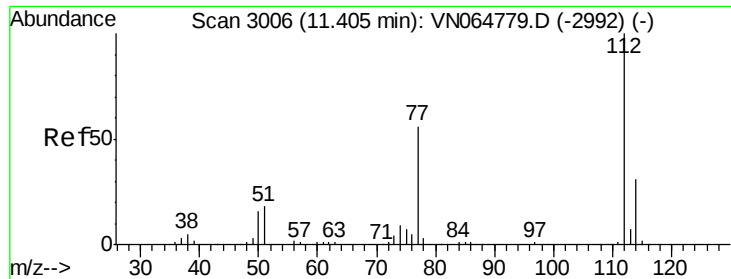
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

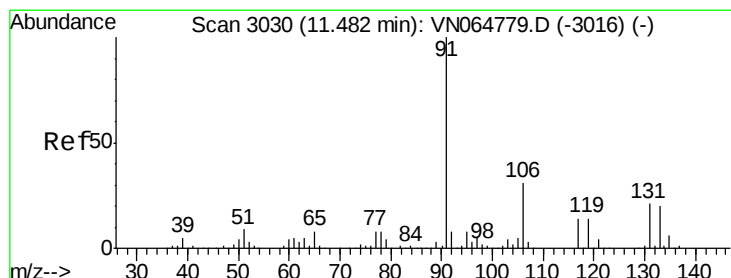
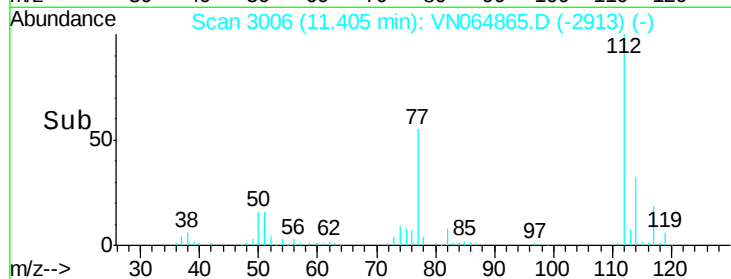
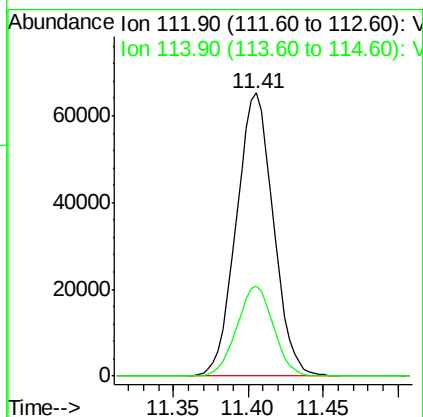
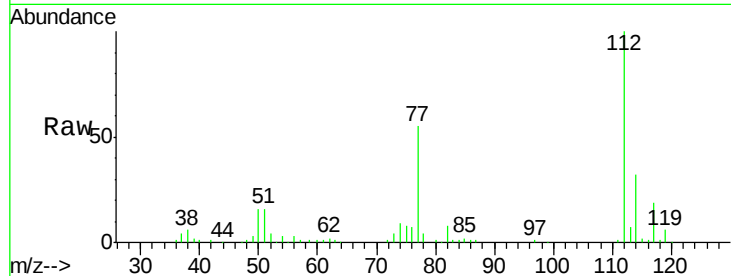




#65
Chlorobenzene
Concen: 17.718 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

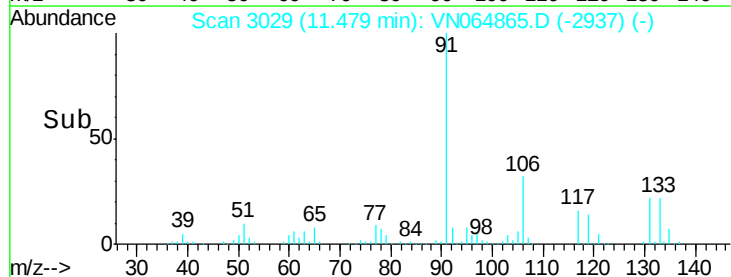
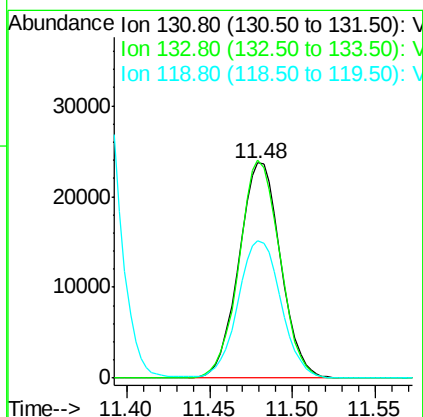
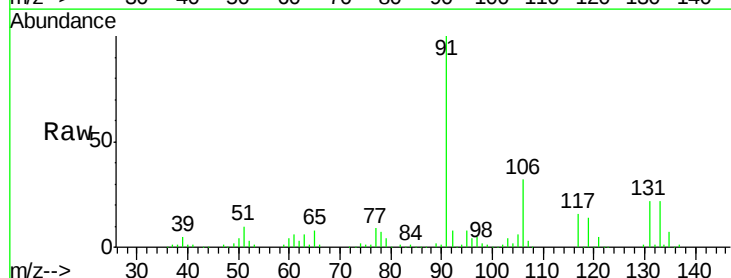
Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

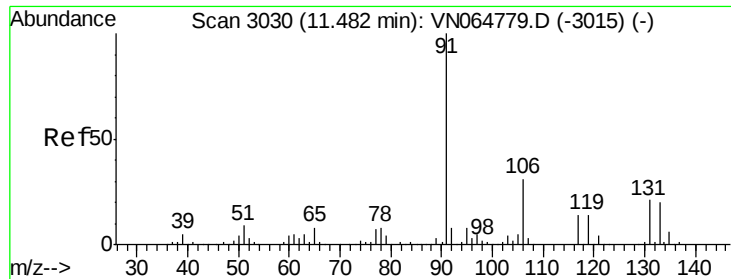
Tot Ion:112 Resp: 112261
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.886 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion:131 Resp: 41648
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 65.8 33.3 99.8

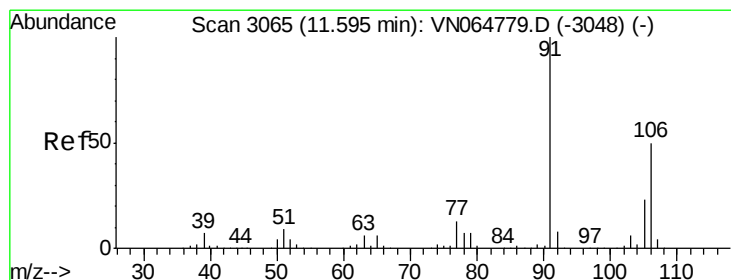
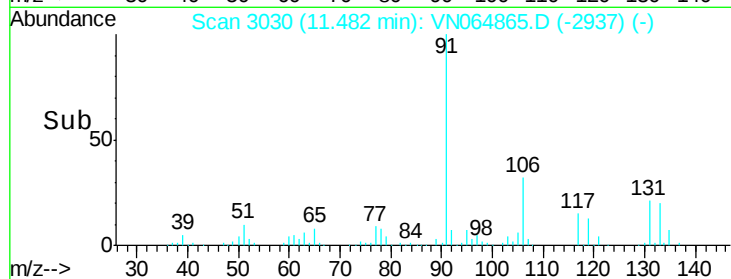
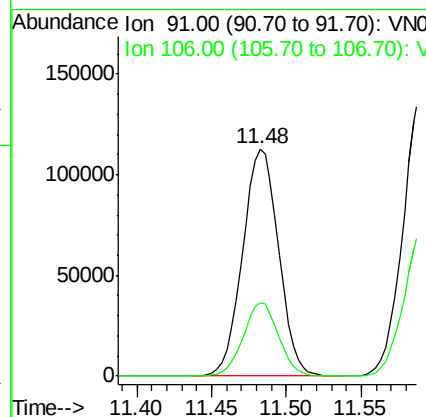
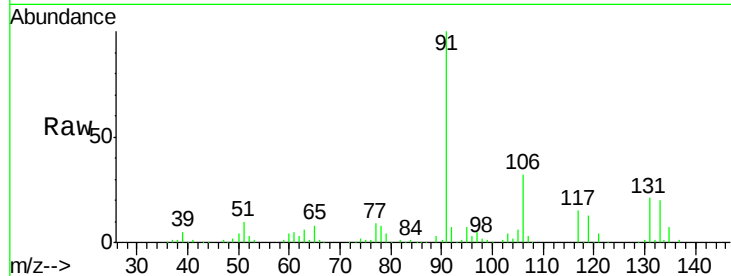




#67
Ethyl Benzene
Concen: 17.852 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

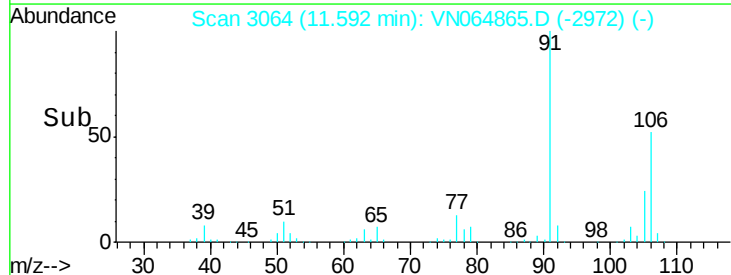
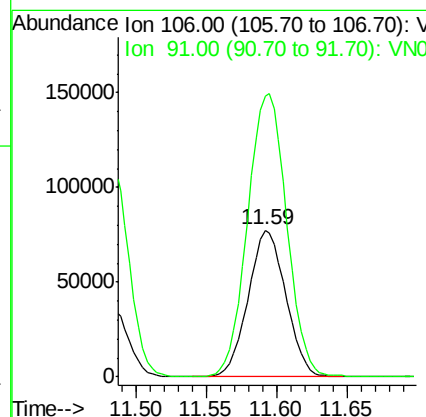
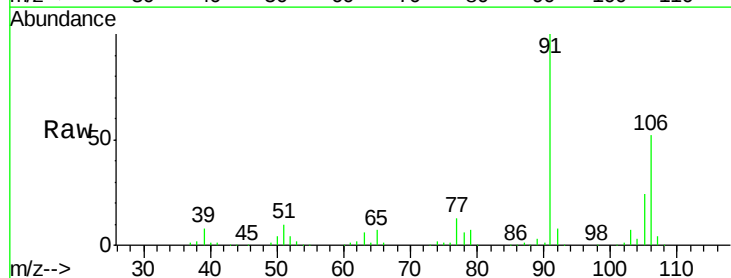
Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

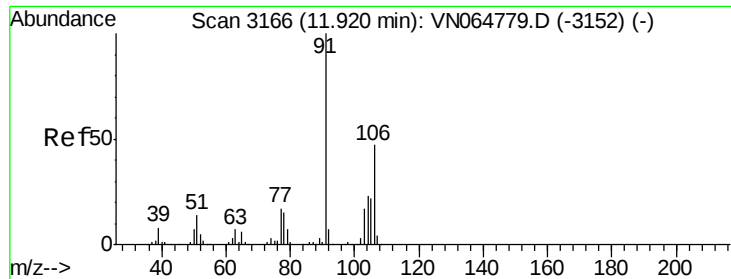
Tot Ion: 91 Resp: 188956
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8



#68
m/p-Xylenes
Concen: 36.293 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 106 Resp: 145446
Ion Ratio Lower Upper
106 100
91 199.2 161.0 241.4

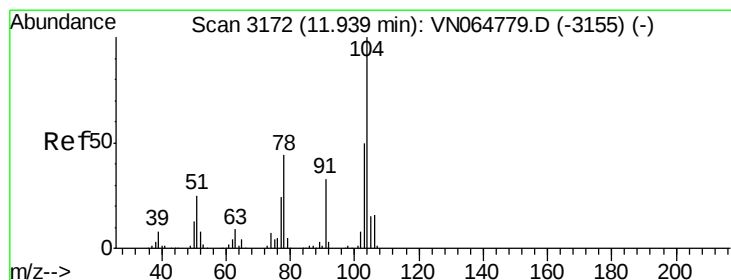
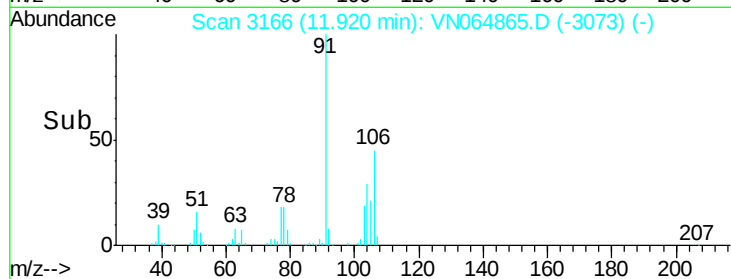
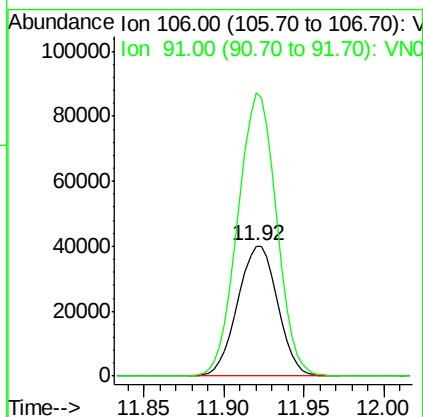
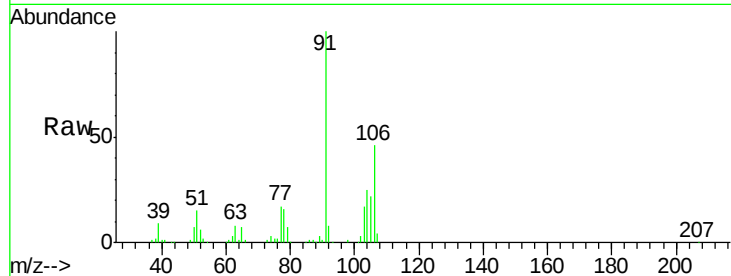




#69
o-Xylene
Concen: 18.034 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

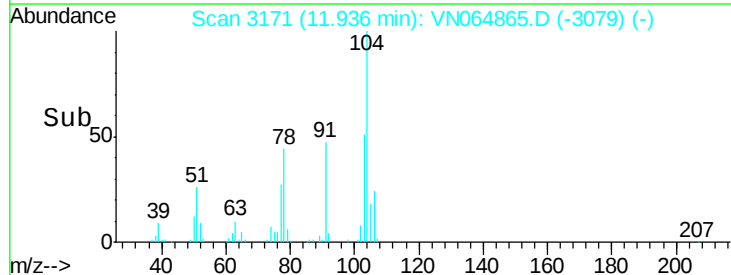
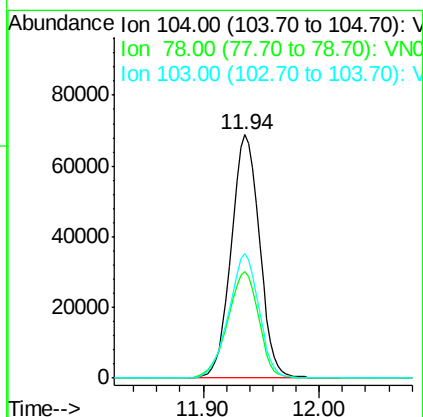
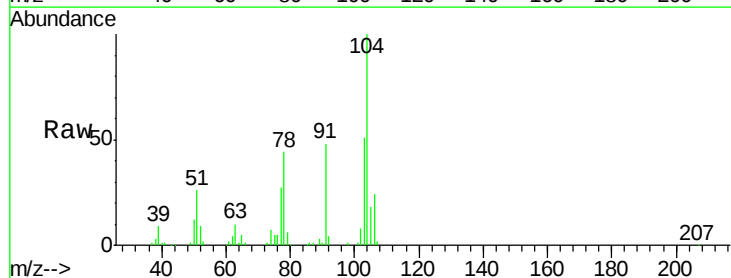
Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

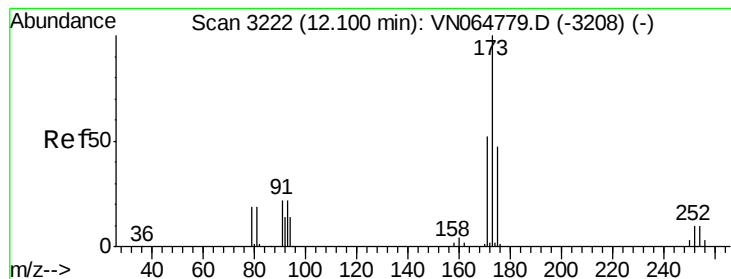
Tot Ion:106 Resp: 68583
Ion Ratio Lower Upper
106 100
91 210.8 105.5 316.5



#70
Styrene
Concen: 18.071 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion:104 Resp: 116013
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.4 44.3 66.5





#71

Bromoform

Concen: 16.781 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

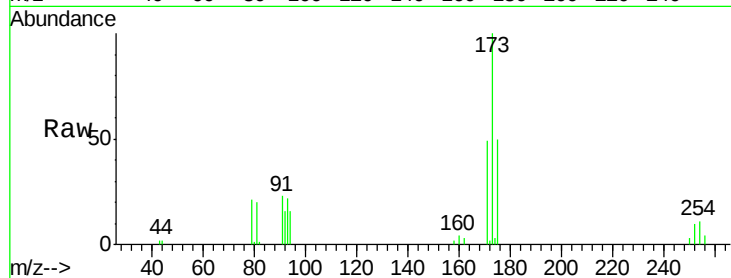
Tot Ion:173 Resp: 31209

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.8

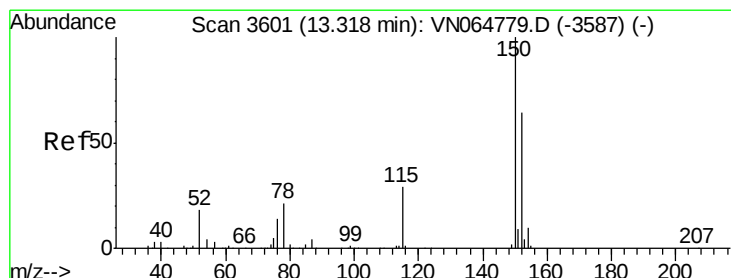
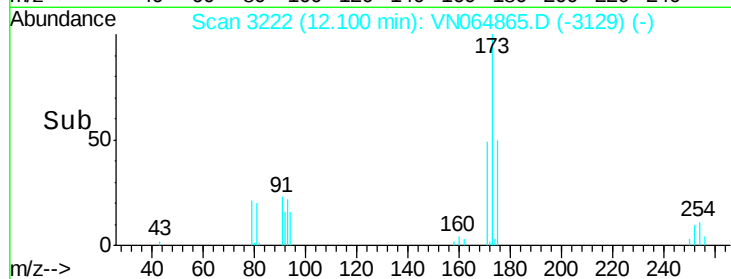
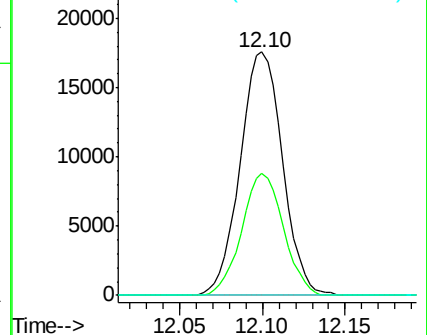
254 0.0 0.0 0.0



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: VN064865.D

Acq: 30 Nov 2020 12:04

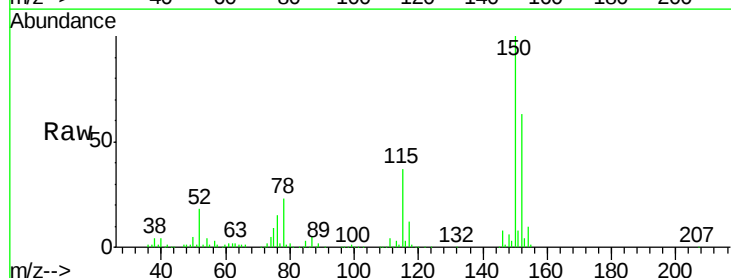
Tgt Ion:152 Resp: 142757

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

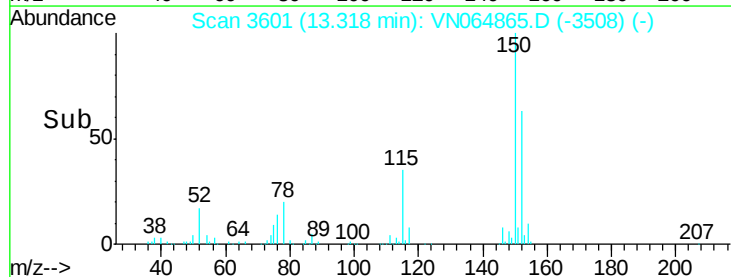
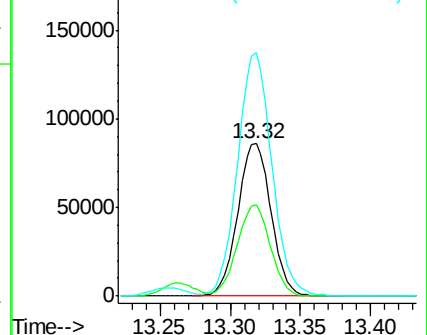
150 163.9 0.0 350.6

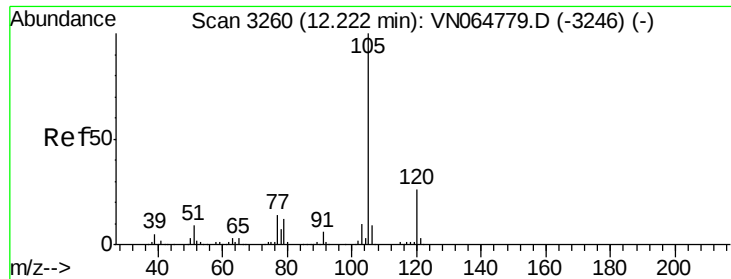


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.437 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

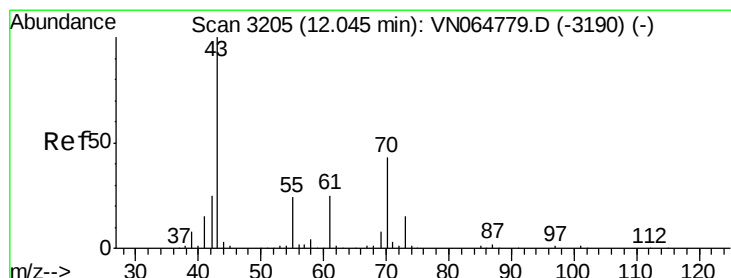
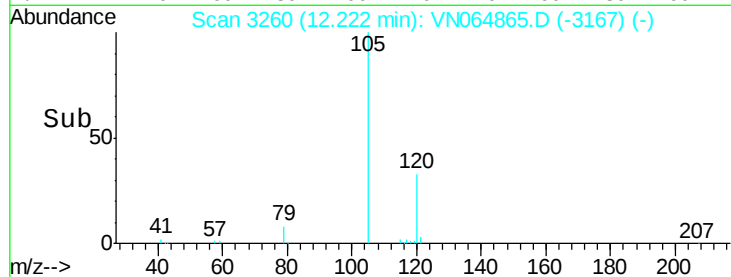
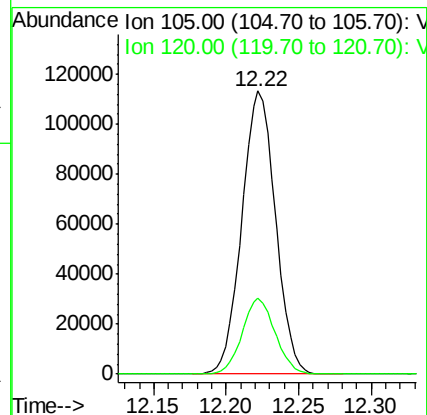
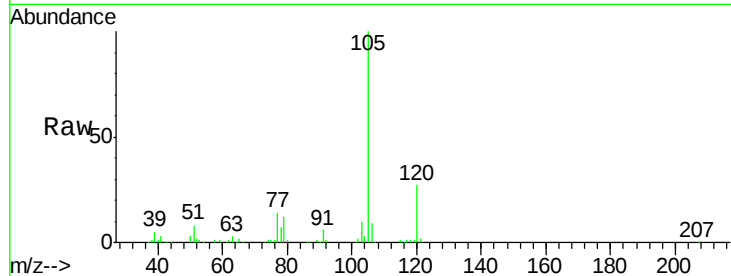
VN1130MBS01

Tot Ion:105 Resp: 183073

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 16.468 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Tgt Ion: 43 Resp: 64352

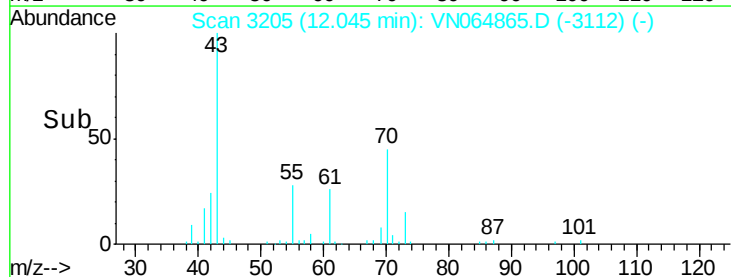
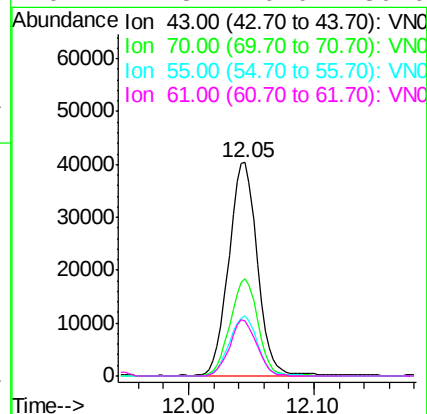
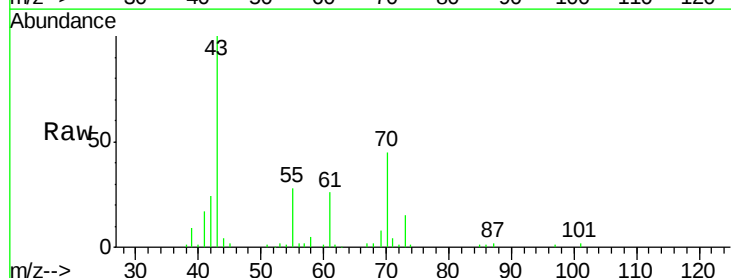
Ion Ratio Lower Upper

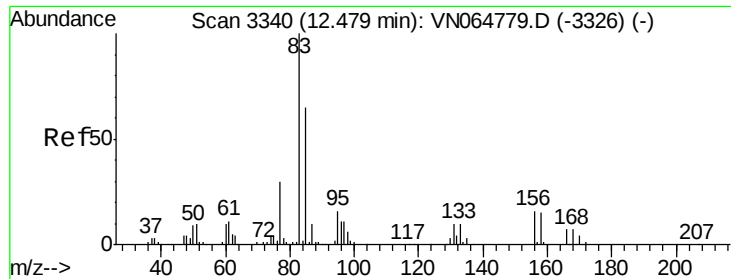
43 100

70 44.0 34.5 51.7

55 27.6 20.4 30.6

61 24.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.558 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

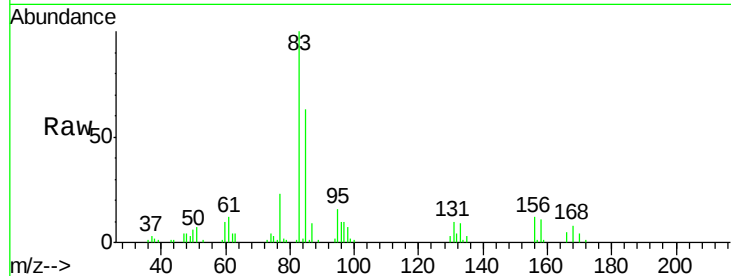
Tot Ion: 83 Resp: 48191

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

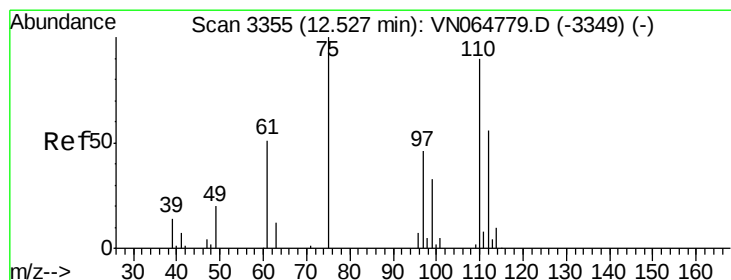
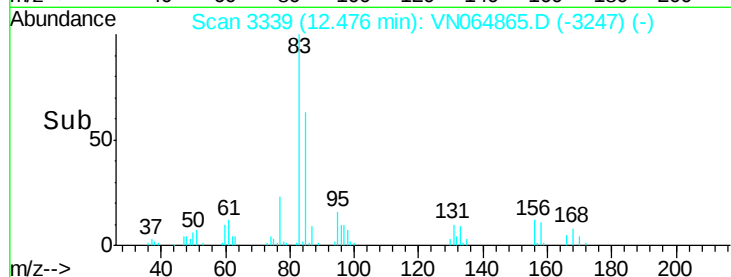
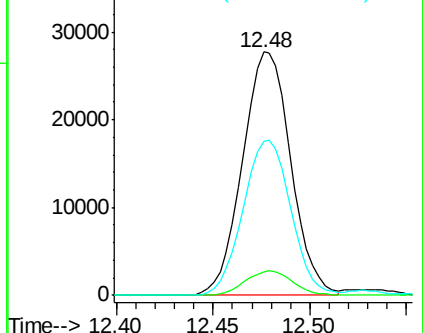
85 63.0 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 23.798 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064865.D

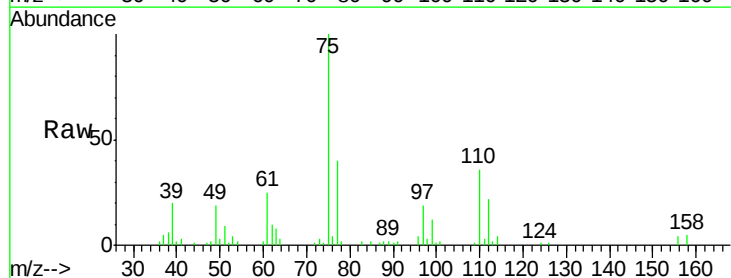
Acq: 30 Nov 2020 12:04

Tgt Ion: 75 Resp: 73165

Ion Ratio Lower Upper

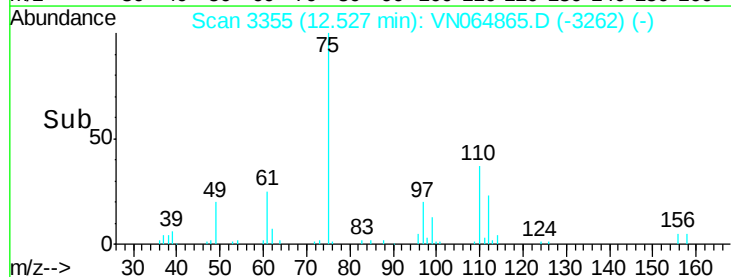
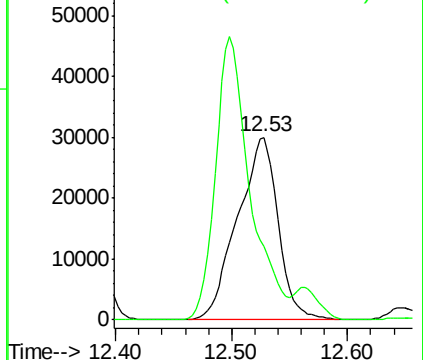
75 100

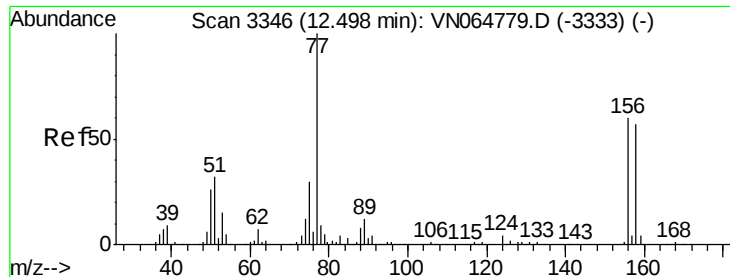
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 18.012 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

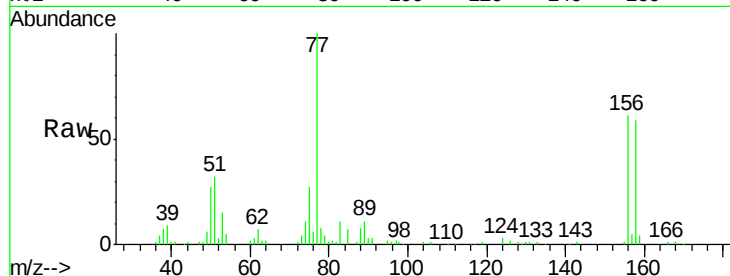
Tot Ion:156 Resp: 48218

Ion Ratio Lower Upper

156 100

77 199.6 101.3 303.7

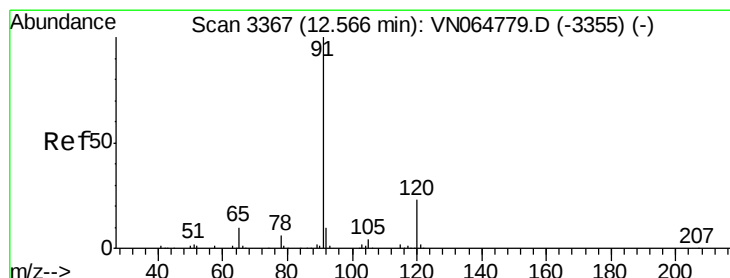
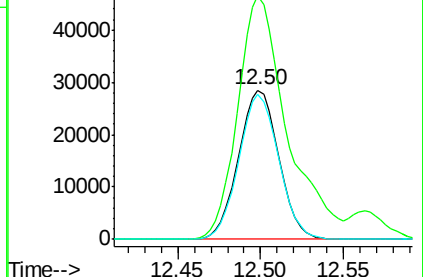
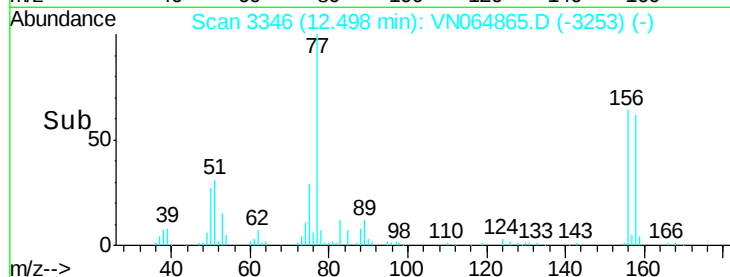
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.567 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064865.D

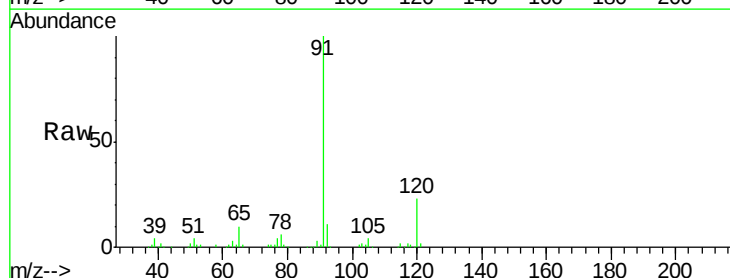
Acq: 30 Nov 2020 12:04

Tgt Ion: 91 Resp: 210025

Ion Ratio Lower Upper

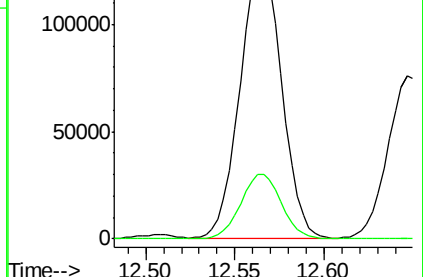
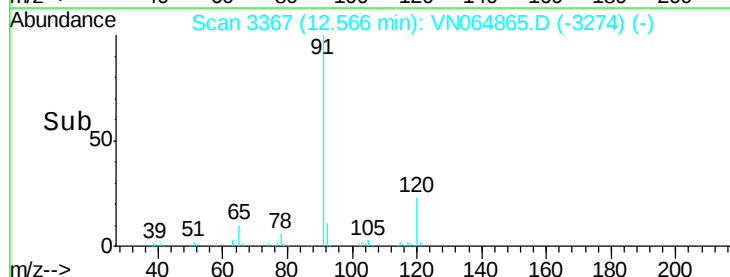
91 100

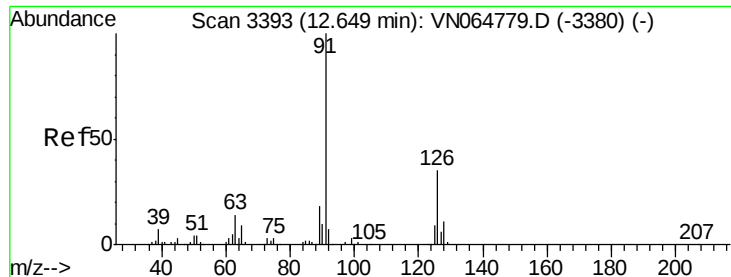
120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.032 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

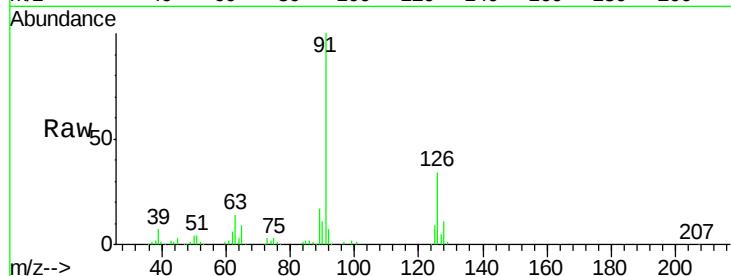
VN1130MBS01

Tot Ion: 91 Resp: 126088

Ion Ratio Lower Upper

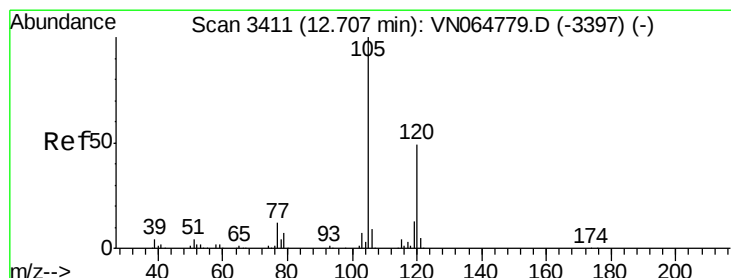
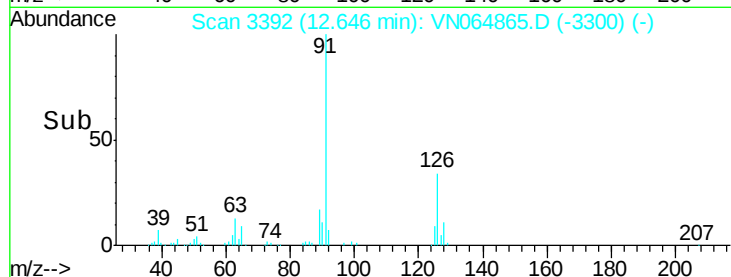
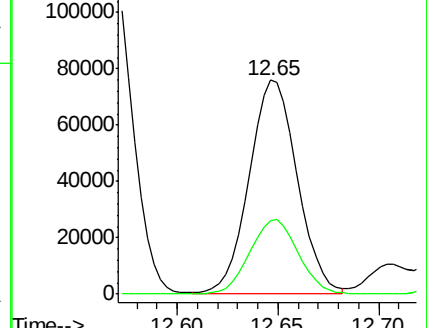
91 100

126 35.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064865.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064865.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.805 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064865.D

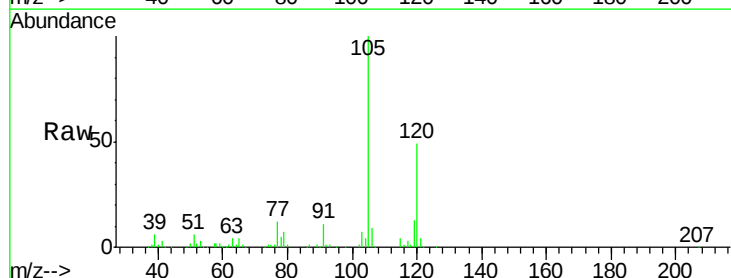
Acq: 30 Nov 2020 12:04

Tgt Ion: 105 Resp: 155207

Ion Ratio Lower Upper

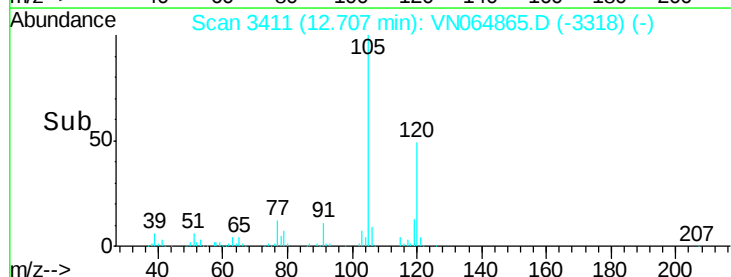
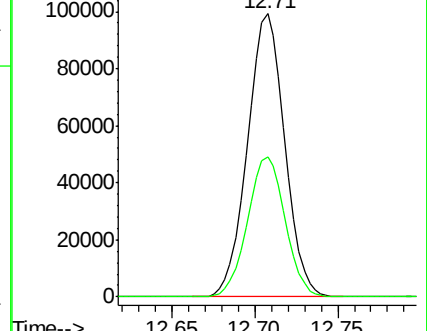
105 100

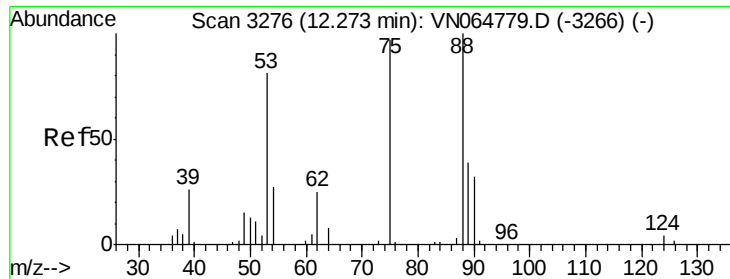
120 49.8 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064865.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064865.D (-3411) (-)

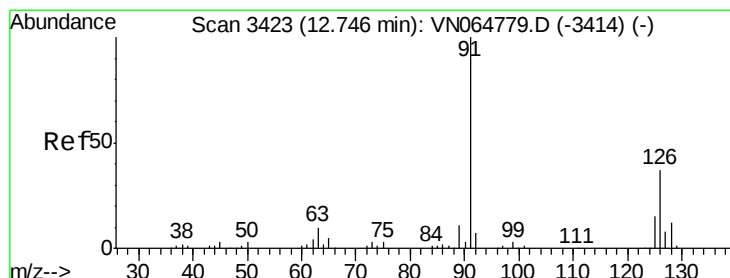
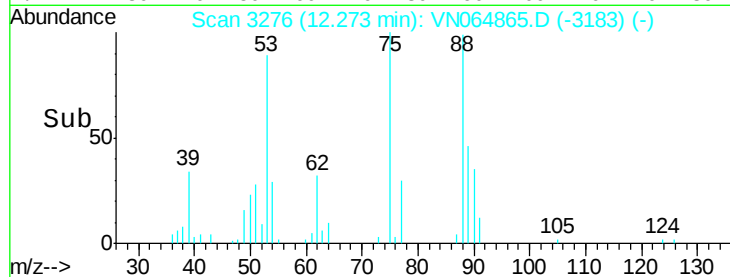
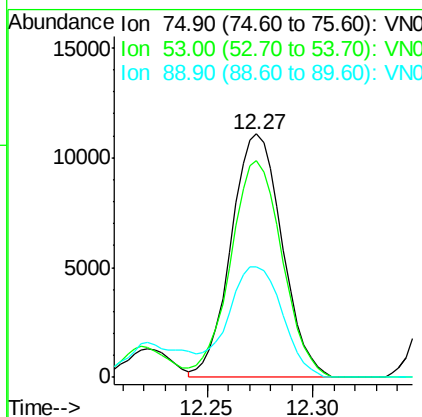
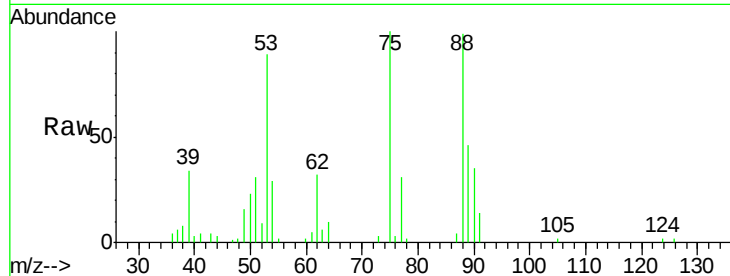




#81
trans-1,4-Dichloro-2-butene
Concen: 16.588 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

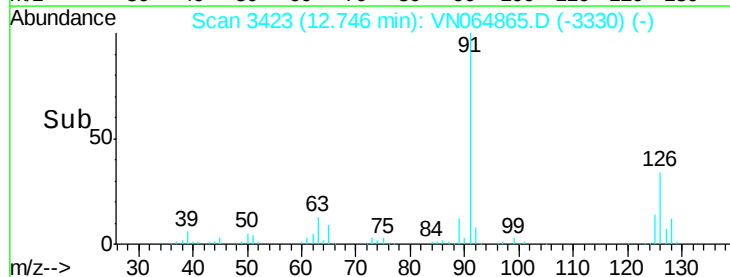
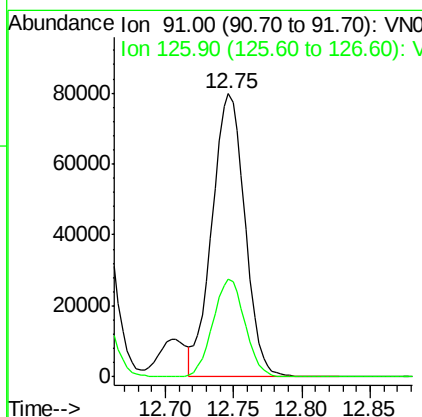
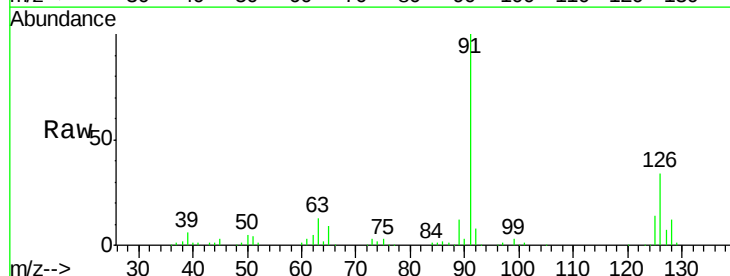
Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

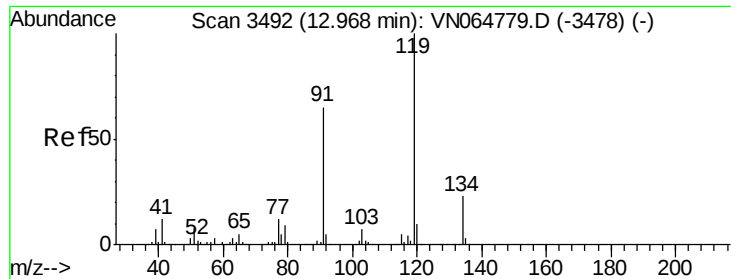
Tot Ion: 75 Resp: 18607
Ion Ratio Lower Upper
75 100
53 90.1 67.0 100.4
89 48.2 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.228 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 91 Resp: 133601
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

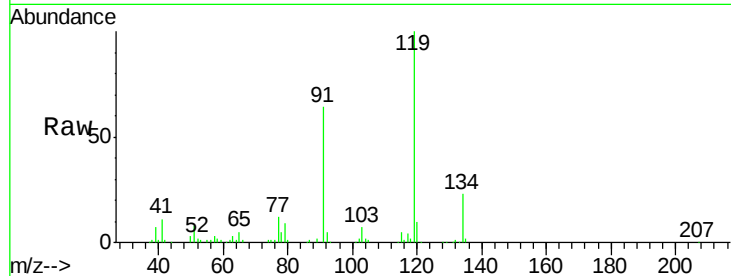




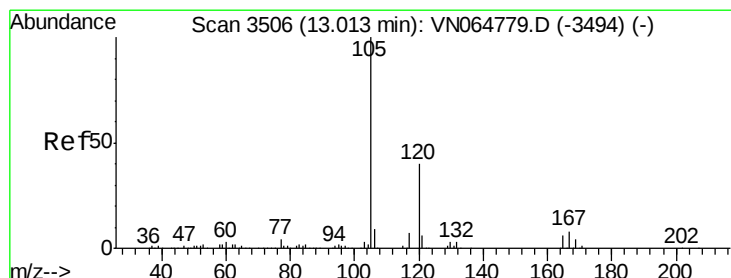
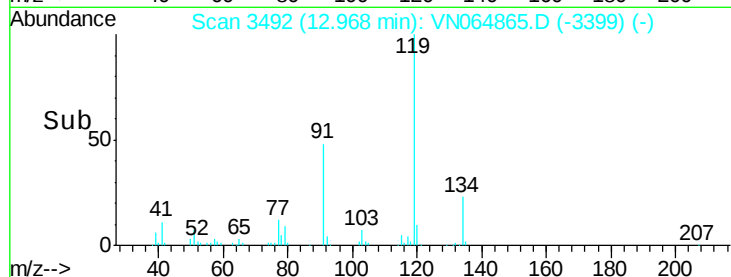
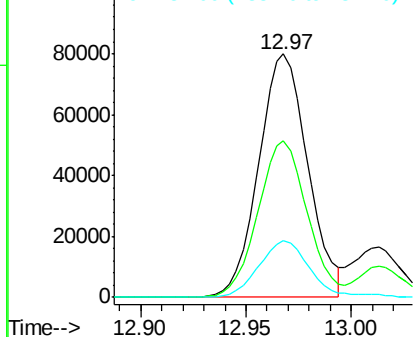
#83
tert-Butylbenzene
Concen: 18.725 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Instrument :
MSVOA_N
ClientSampled :
VN1130MBS01

Tot Ion:119 Resp: 129541
Ion Ratio Lower Upper
119 100
91 64.8 32.3 96.8
134 24.4 12.6 37.6

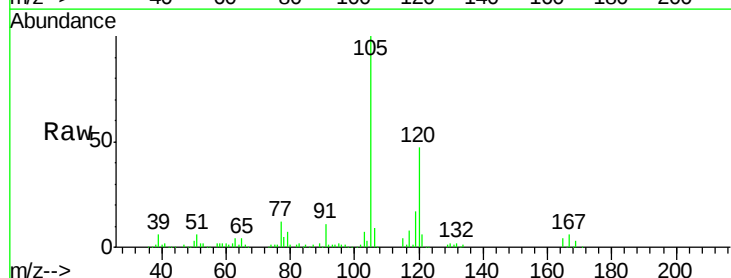


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

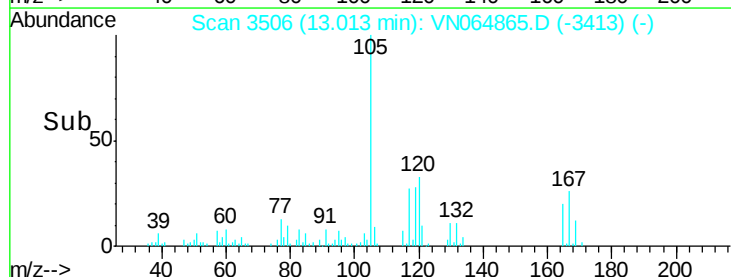
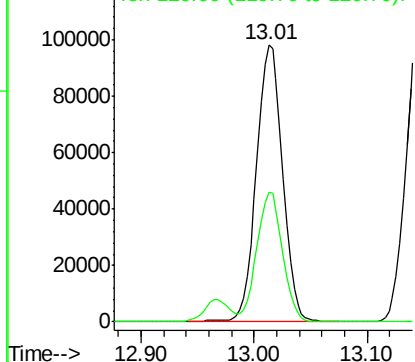


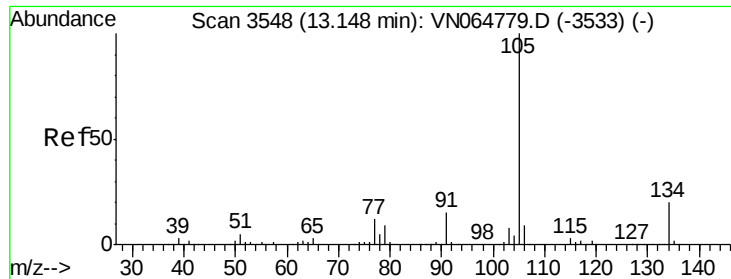
#84
1,2,4-Trimethylbenzene
Concen: 18.928 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion:105 Resp: 157952
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2



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

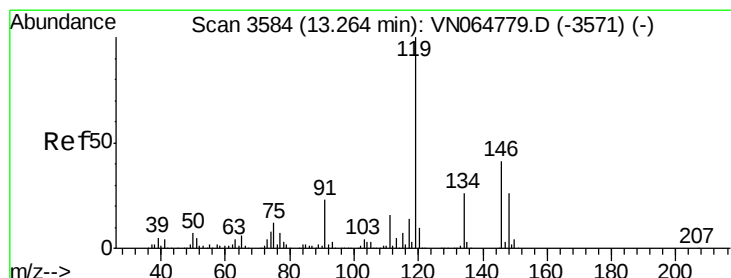
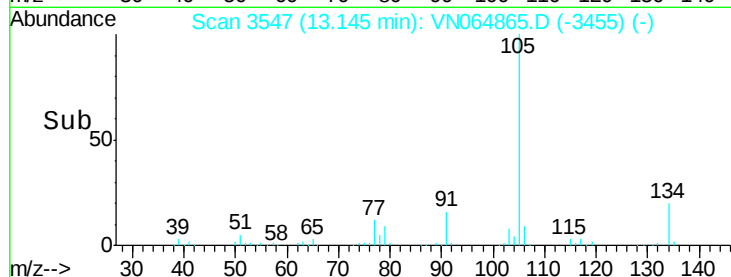
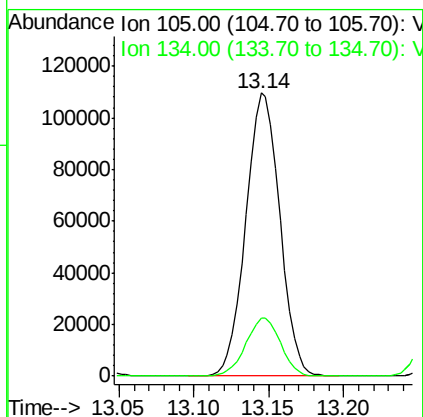
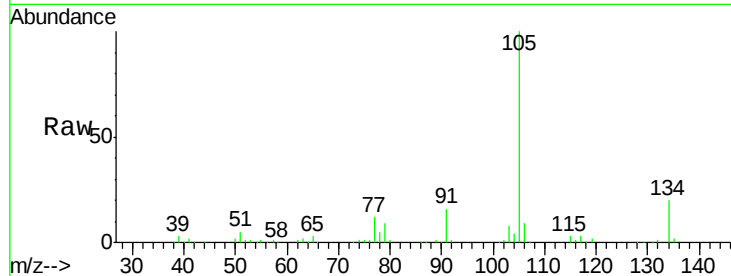




#85
 sec-Butylbenzene
 Concen: 18.898 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

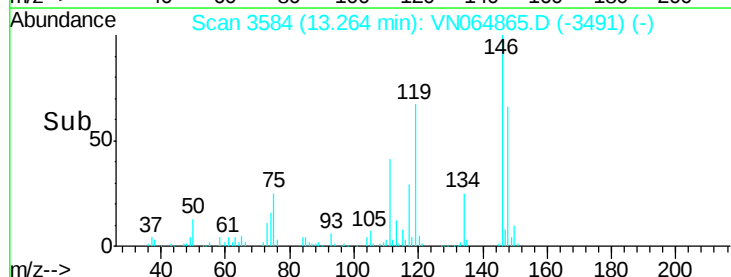
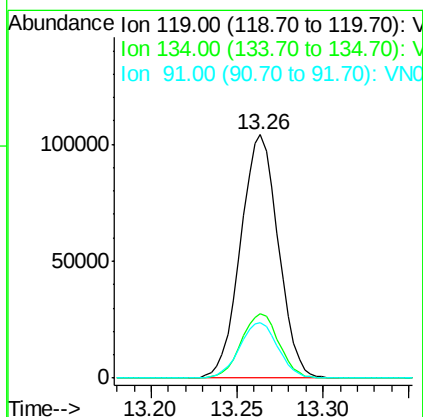
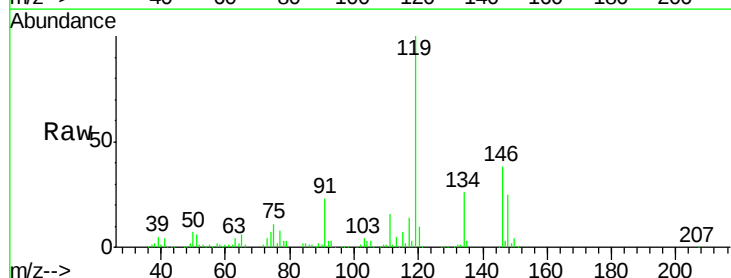
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

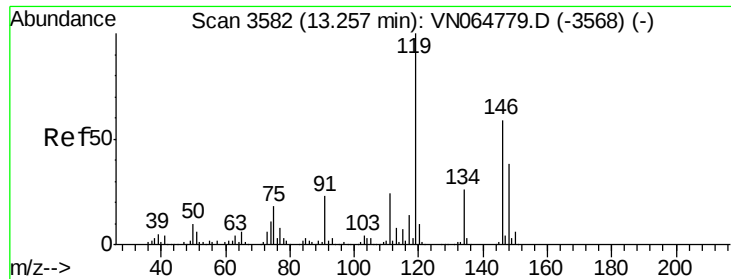
Tot Ion:105 Resp: 173585
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.997 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion:119 Resp: 158864
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 17.753 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

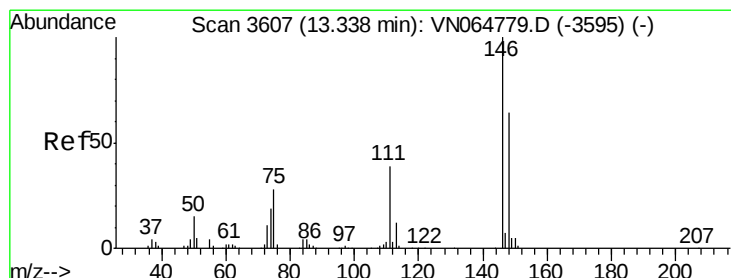
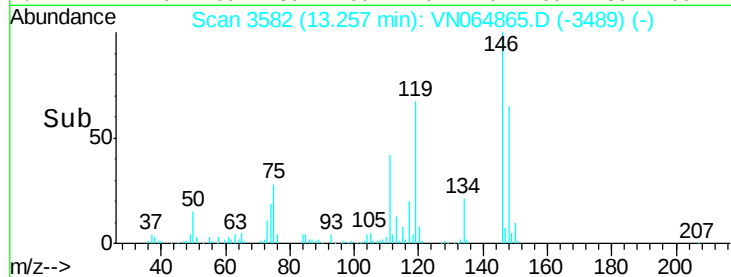
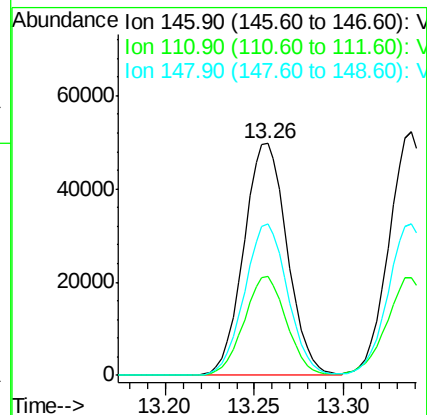
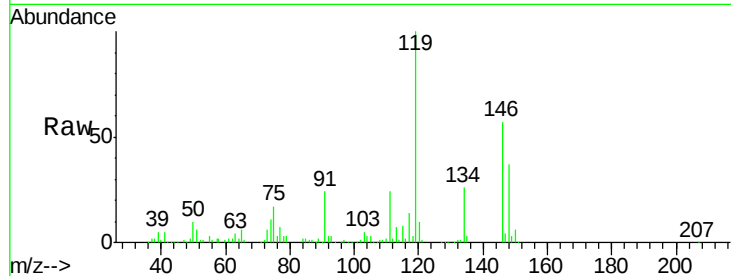
Tot Ion:146 Resp: 84439

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 16.832 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064865.D

Acq: 30 Nov 2020 12:04

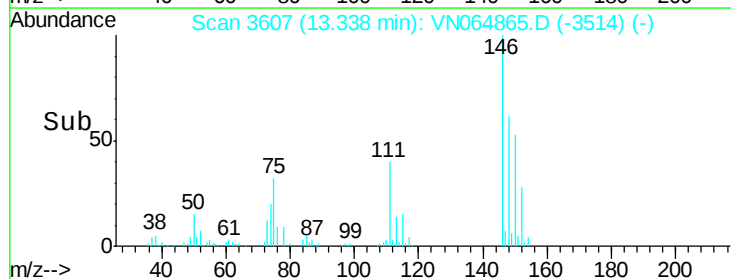
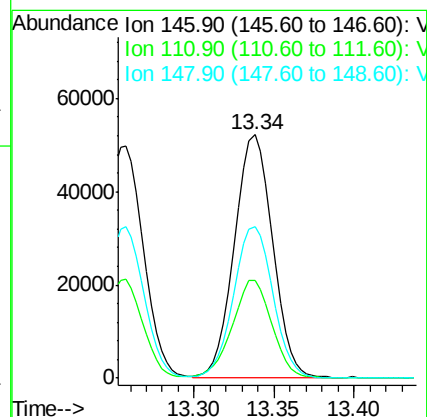
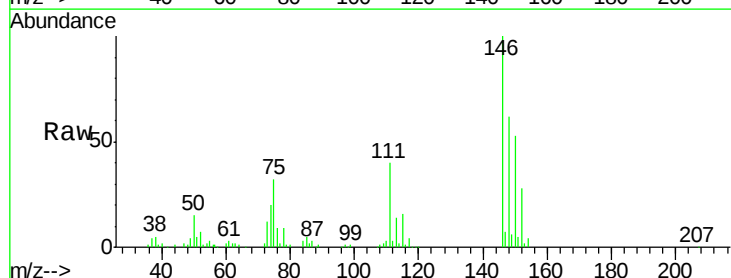
Tgt Ion:146 Resp: 84662

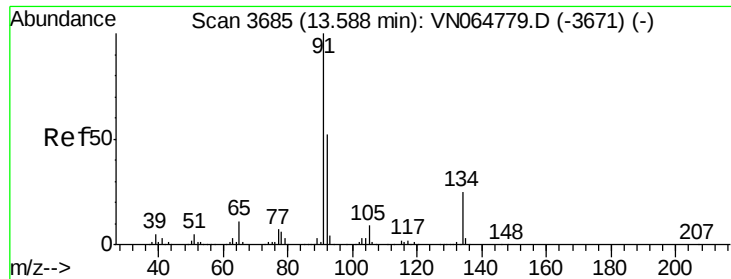
Ion Ratio Lower Upper

146 100

111 41.9 19.8 59.3

148 64.8 31.9 95.5

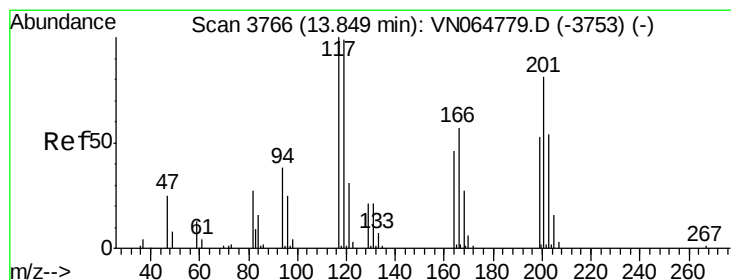
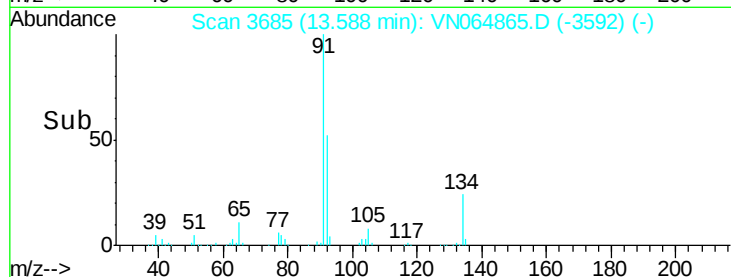
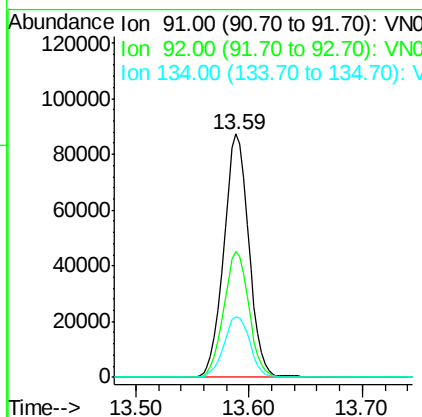
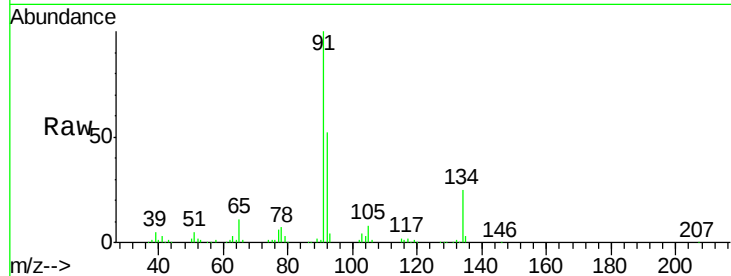




#89
n-Butylbenzene
Concen: 18.280 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

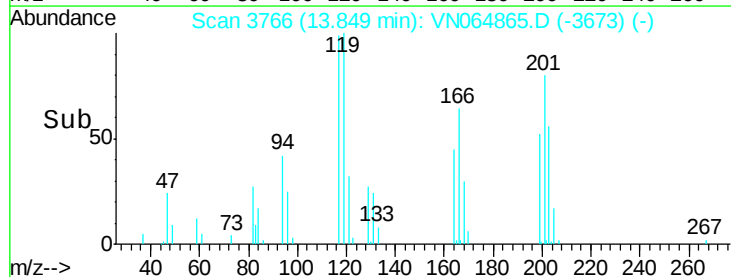
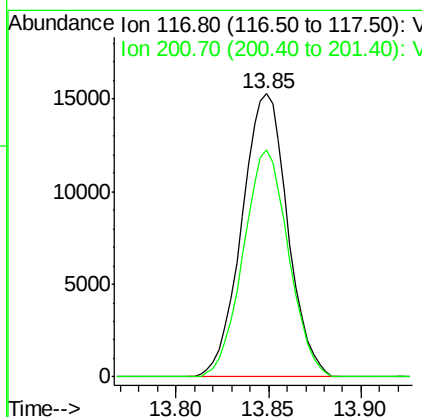
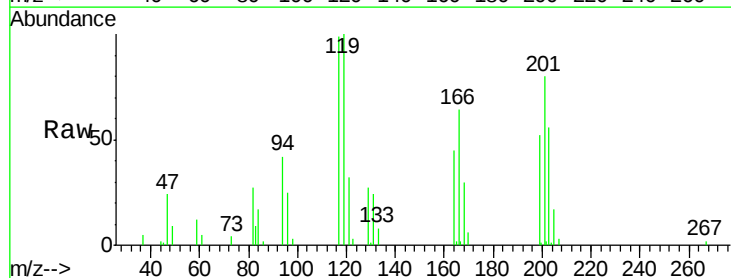
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

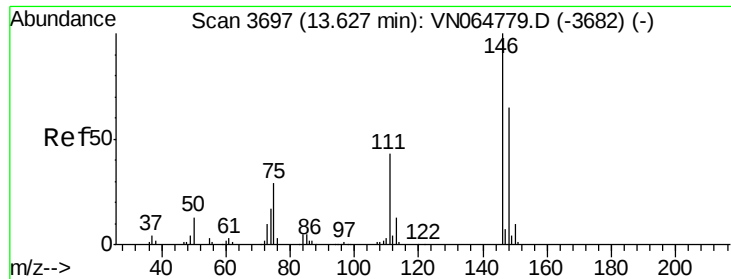
Tot Ion: 91 Resp: 134251
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 18.108 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion: 117 Resp: 26306
Ion Ratio Lower Upper
117 100
201 79.2 40.1 120.3

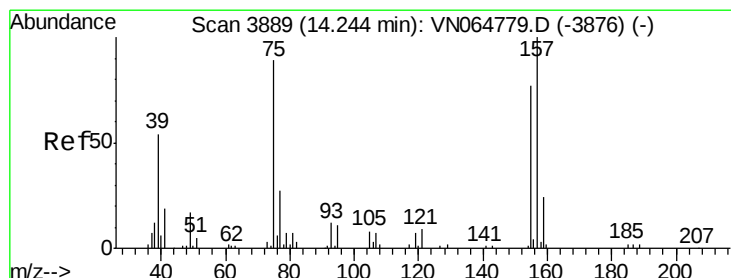
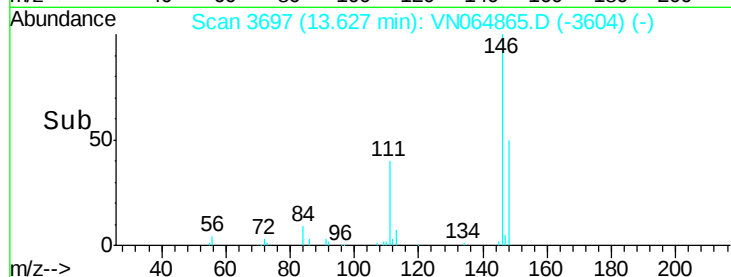
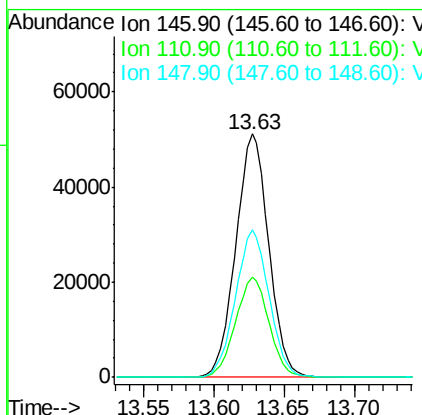
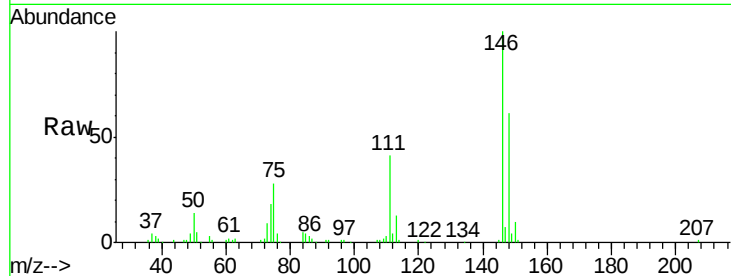




#91
 1,2-Dichlorobenzene
 Concen: 17.951 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

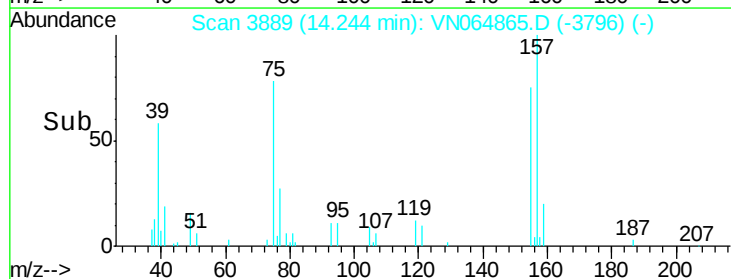
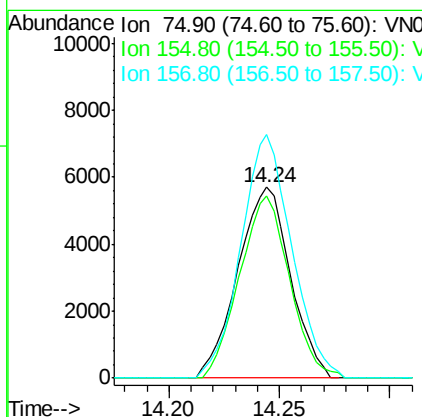
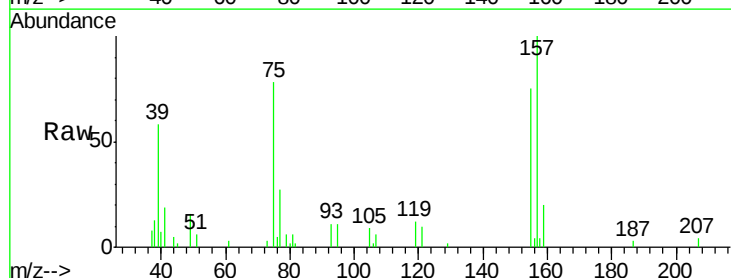
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

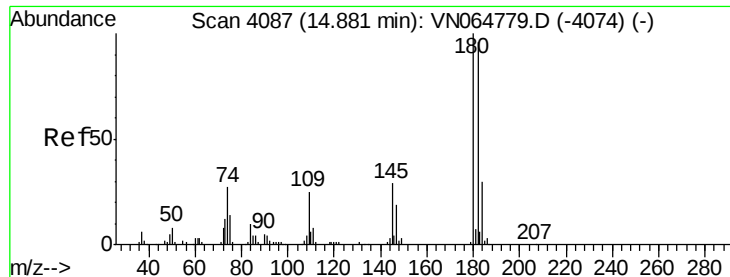
Tot Ion:146 Resp: 83835
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 61.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.456 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Tgt Ion: 75 Resp: 9467
 Ion Ratio Lower Upper
 75 100
 155 90.6 42.8 128.3
 157 123.1 56.4 169.1

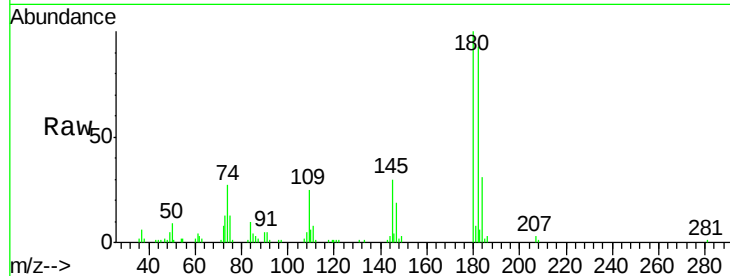




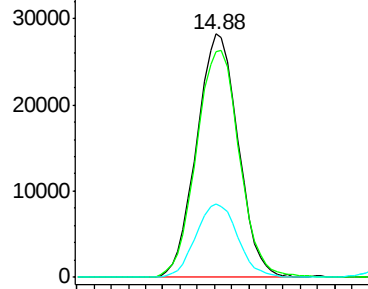
#93
 1,2,4-Trichlorobenzene
 Concen: 16.399 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

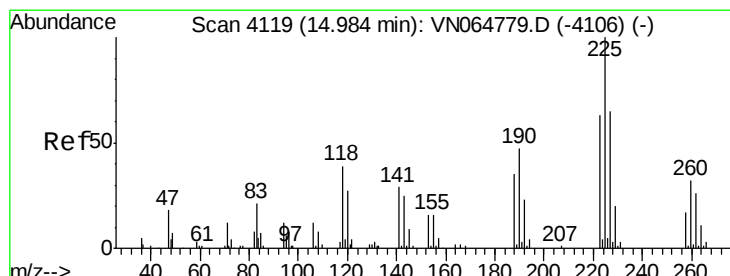
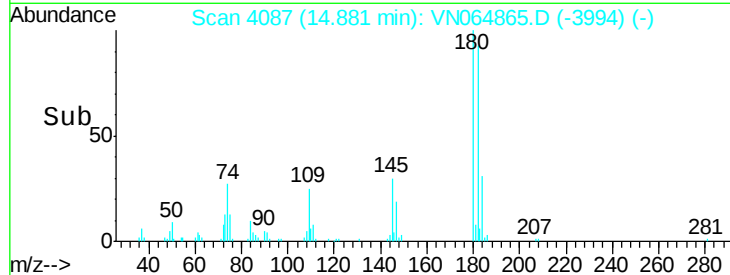
Tot Ion:180 Resp: 47376
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.6 142.9
 145 30.3 15.3 45.8



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

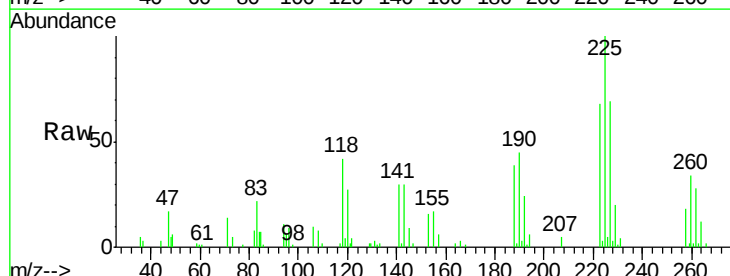


Time--> 14.80 14.85 14.90 14.95

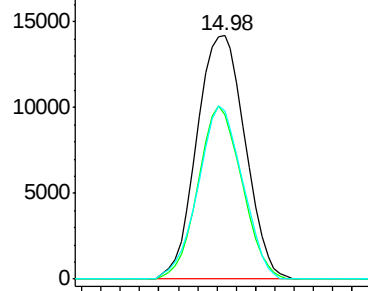


#94
 Hexachlorobutadiene
 Concen: 19.146 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064865.D
 Acq: 30 Nov 2020 12:04

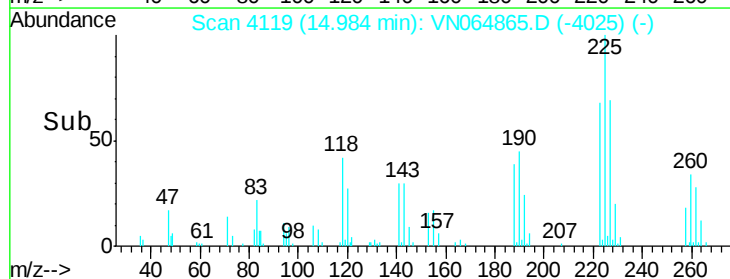
Tgt Ion:225 Resp: 24607
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.0 93.0
 227 65.5 32.0 96.0

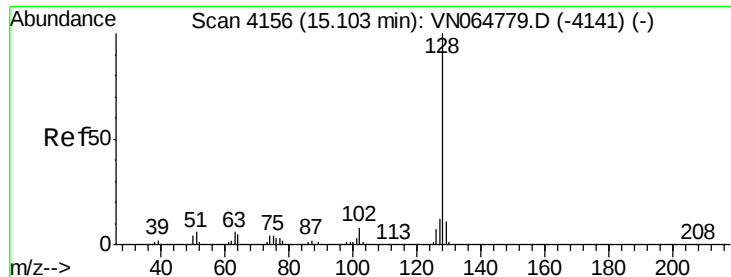


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 14.95 15.00

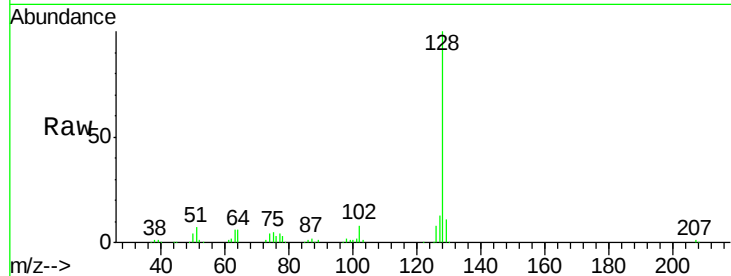




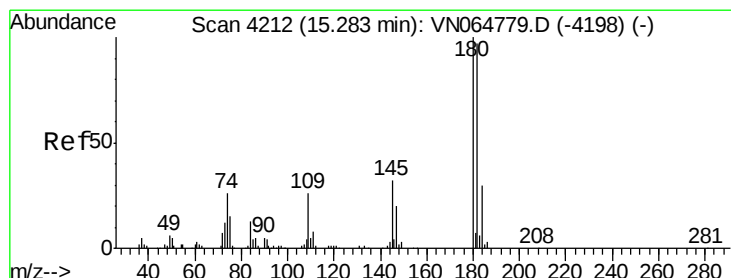
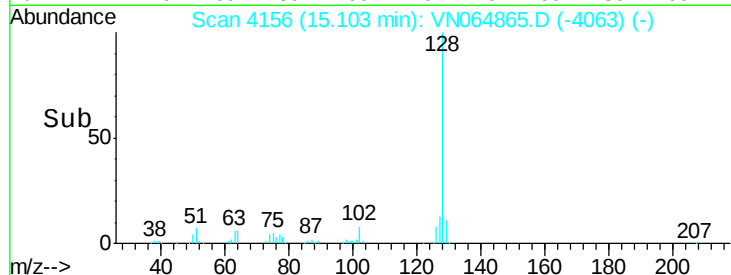
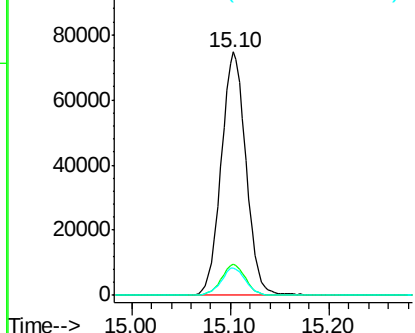
#95
Naphthalene
Concen: 15.260 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBS01

Tot Ion:128 Resp: 132076
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.0 8.7 13.1

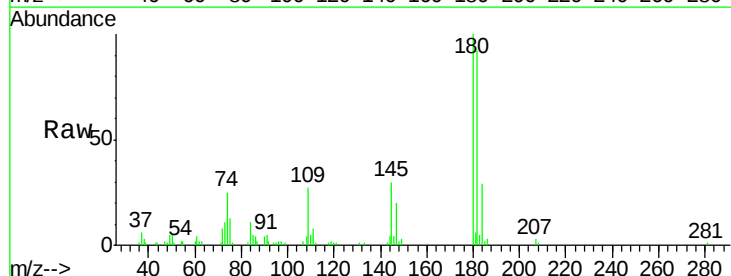


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.985 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064865.D
Acq: 30 Nov 2020 12:04

Tgt Ion:180 Resp: 46860
Ion Ratio Lower Upper
180 100
182 92.3 48.1 144.4
145 31.0 16.4 49.1



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

