

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064869.D
 Acq On : 30 Nov 2020 13:44
 Operator : JC/MD
 Sample : VN1130WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Quant Time: Dec 01 01:21:36 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	7.63	168	202371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139995	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	115751	49.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.40%	
35) Dibromofluoromethane		7.55	113	93360	48.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.84%	
50) Toluene-d8		10.06	98	380960	48.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.72%	
62) 4-Bromofluorobenzene		12.38	95	134842	47.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	29592	16.872	ug/l	100
3) Chloromethane	2.04	50	37646	16.517	ug/l	99
4) Vinyl Chloride	2.16	62	41195	17.336	ug/l	97
5) Bromomethane	2.53	94	25324	16.244	ug/l	95
6) Chloroethane	2.67	64	26003	17.693	ug/l	98
7) Trichlorofluoromethane	2.99	101	58106	17.690	ug/l	97
8) Diethyl Ether	3.37	74	23215	17.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34345	17.430	ug/l	97
10) Methyl Iodide	3.91	142	40845	15.981	ug/l	98
11) Tert butyl alcohol	4.75	59	32439	88.412	ug/l	100
12) 1,1-Dichloroethene	3.69	96	34017	17.334	ug/l	97
13) Acrolein	3.56	56	20518	91.552	ug/l	98
14) Allyl chloride	4.28	41	56625	17.495	ug/l	99
15) Acrylonitrile	4.94	53	91785	90.554	ug/l	98
16) Acetone	3.78	43	72289	93.469	ug/l	97
17) Carbon Disulfide	4.00	76	88969	17.562	ug/l	100
18) Methyl Acetate	4.28	43	43390	18.660	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	113152	17.978	ug/l	100
20) Methylene Chloride	4.50	84	42476	17.527	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37442	17.181	ug/l	95
22) Diisopropyl ether	5.91	45	123441	19.054	ug/l	98
23) Vinyl Acetate	5.85	43	471493	91.011	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70974	18.331	ug/l	99
25) 2-Butanone	6.79	43	117636	93.830	ug/l	98
26) 2,2-Dichloropropane	6.78	77	57639	17.165	ug/l	76
27) cis-1,2-Dichloroethene	6.78	96	43075	17.566	ug/l	99
28) Bromochloromethane	7.15	49	32658	18.438	ug/l	95
29) Tetrahydrofuran	7.17	42	76230	88.083	ug/l	97
30) Chloroform	7.33	83	71882	18.003	ug/l	99
31) Cyclohexane	7.61	56	56523	17.237	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	61500	17.934	ug/l	99
36) 1,1-Dichloropropene	7.75	75	52017	17.416	ug/l	99
37) Ethyl Acetate	6.89	43	49318	17.142	ug/l	99
38) Carbon Tetrachloride	7.73	117	54372	17.496	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57178	17.784	ug/l	97
40) Benzene	8.00	78	162075	17.709	ug/l	97
41) Methacrylonitrile	7.12	41	17386	13.097	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	52944	17.148	ug/l	99
43) Isopropyl Acetate	8.13	43	79279	17.125	ug/l	99
44) Trichloroethene	8.80	130	48479	17.953	ug/l	96
45) 1,2-Dichloropropane	9.08	63	43497	18.352	ug/l	97
46) Dibromomethane	9.17	93	28235	17.832	ug/l	100
47) Bromodichloromethane	9.37	83	57295	17.983	ug/l	100
48) Methyl methacrylate	9.17	41	37736	17.059	ug/l	97
49) 1,4-Dioxane	9.17	88	14434	345.235	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	252866	90.983	ug/l	100
52) Toluene	10.13	92	100614	17.851	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	60710	17.108	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	67417	17.725	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41278	17.810	ug/l	97
56) Ethyl methacrylate	10.40	69	57183	17.879	ug/l	100
57) 1,3-Dichloropropane	10.68	76	68375	17.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	160363	91.151	ug/l	99
59) 2-Hexanone	10.72	43	179833	89.908	ug/l	99
60) Dibromochloromethane	10.87	129	45474	17.651	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42597	18.090	ug/l	100
64) Tetrachloroethene	10.60	164	54164	19.249	ug/l	98
65) Chlorobenzene	11.41	112	113077	18.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41419	18.146	ug/l	98
67) Ethyl Benzene	11.48	91	186941	18.017	ug/l	99
68) m/p-Xylenes	11.60	106	147142	37.456	ug/l	96
69) o-Xylene	11.92	106	70110	18.807	ug/l	98
70) Styrene	11.94	104	117644	18.694	ug/l	99
71) Bromoform	12.10	173	31809	17.448	ug/l #	99
73) Isopropylbenzene	12.22	105	183265	18.820	ug/l	100
74) N-amyl acetate	12.04	43	67317	17.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48963	17.155	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75032	24.887	ug/l #	100
77) Bromobenzene	12.50	156	47936	18.260	ug/l	98
78) n-propylbenzene	12.57	91	207438	18.700	ug/l	100
79) 2-Chlorotoluene	12.65	91	125949	18.368	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	155731	19.241	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	18456	16.778	ug/l	95
82) 4-Chlorotoluene	12.75	91	129868	18.068	ug/l	100
83) tert-Butylbenzene	12.97	119	130499	19.236	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	154964	18.936	ug/l	99
85) sec-Butylbenzene	13.14	105	174597	19.383	ug/l	99
86) p-Isopropyltoluene	13.26	119	160615	19.585	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	84326	18.079	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	85343	17.302	ug/l	99
89) n-Butylbenzene	13.59	91	134495	18.675	ug/l	98
90) Hexachloroethane	13.85	117	25787	18.101	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	81006	17.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10954	17.057	ug/l	97

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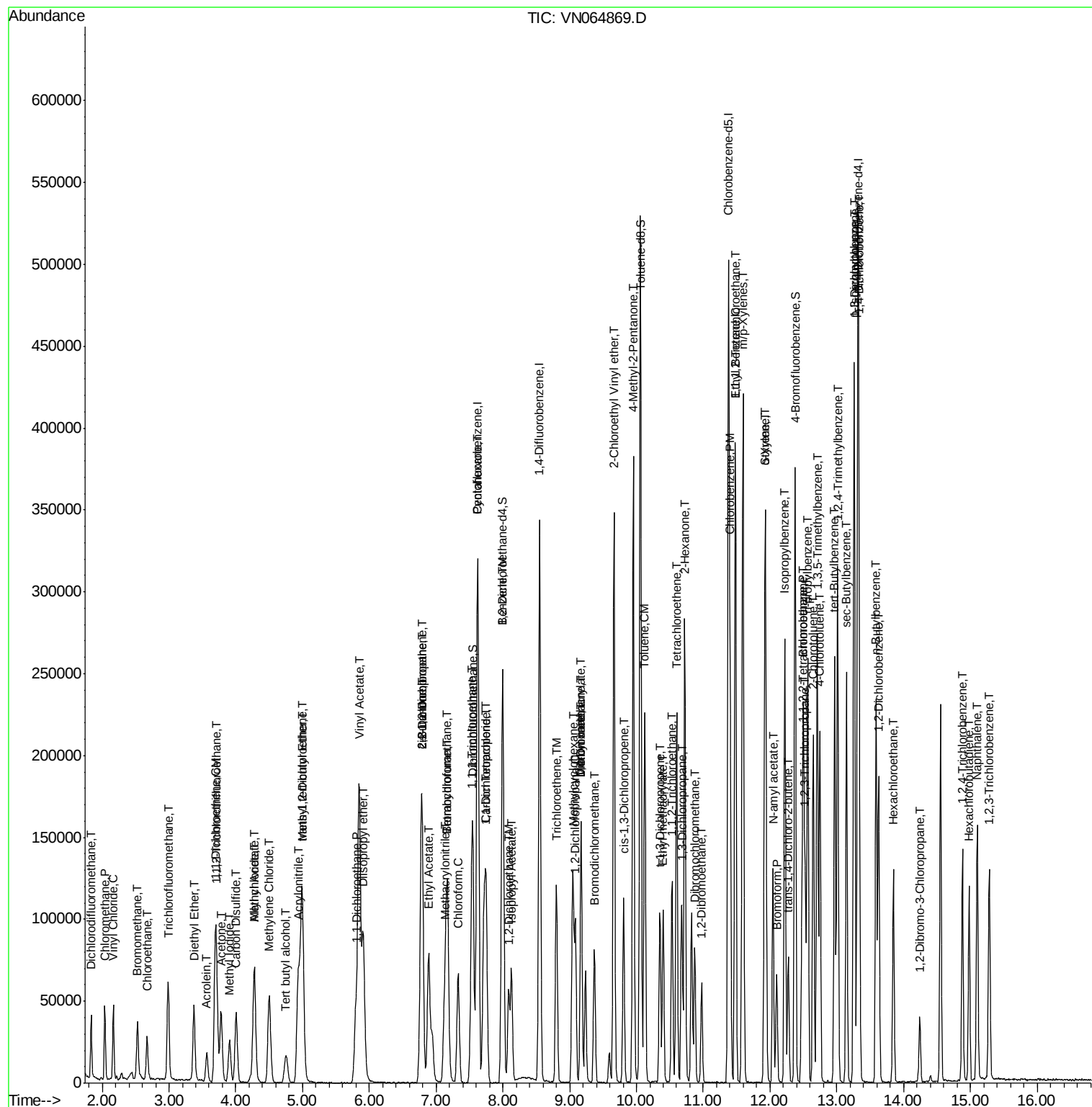
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47082	16.619	ug/l	100
94) Hexachlorobutadiene	14.98	225	23473	18.635	ug/l	99
95) Naphthalene	15.10	128	137173	16.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	45598	17.857	ug/l	99

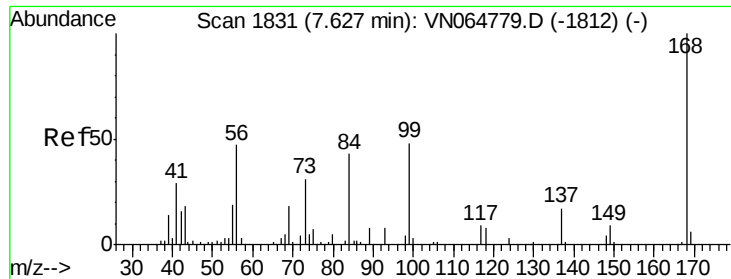
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

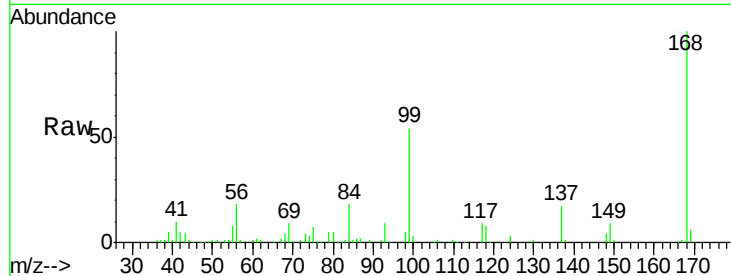
VN1130WBS01

Tot Ion:168 Resp: 202371

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

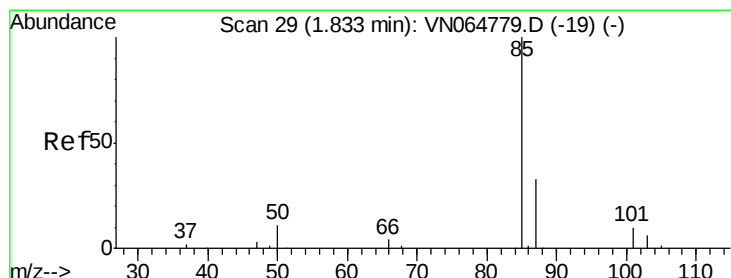
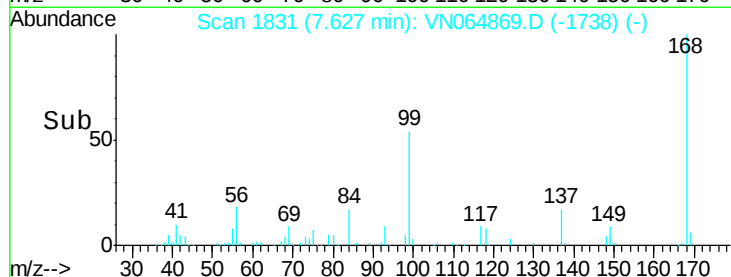
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.872 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064869.D

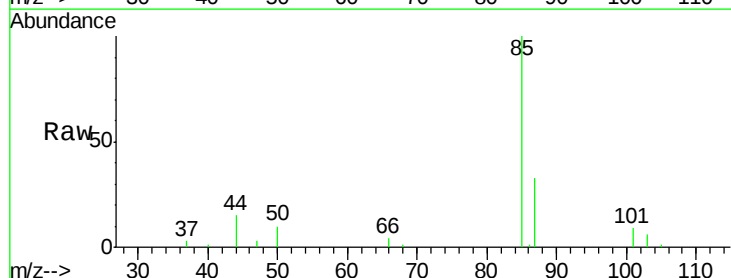
Acq: 30 Nov 2020 13:44

Tgt Ion: 85 Resp: 29592

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

15000

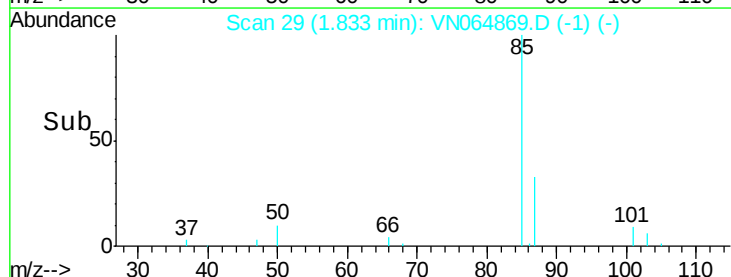
10000

5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.517 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

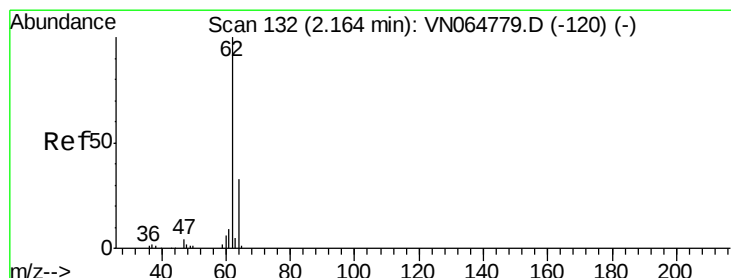
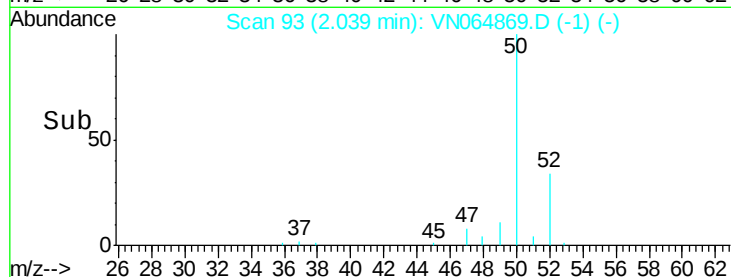
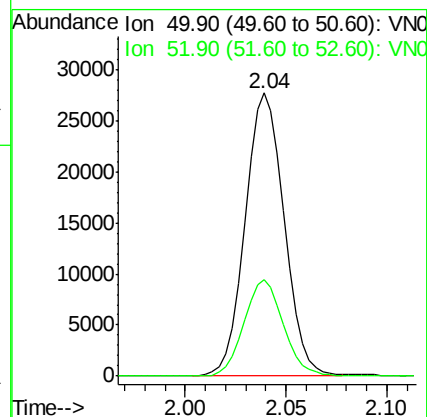
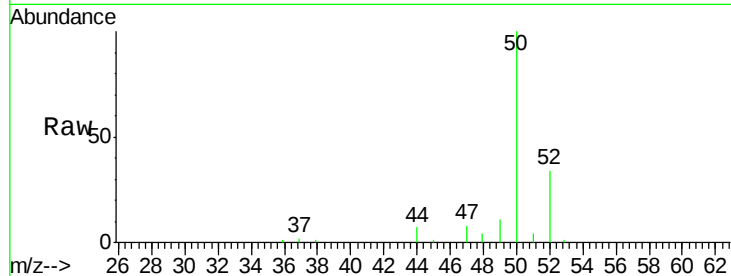
VN1130WBS01

Tot Ion: 50 Resp: 37646

Ion Ratio Lower Upper

50 100

52 34.0 26.6 39.8



#4

Vinyl Chloride

Concen: 17.336 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064869.D

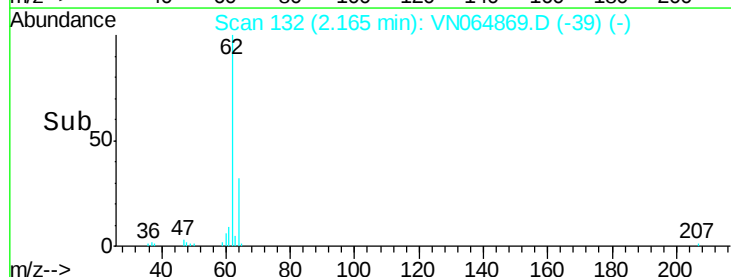
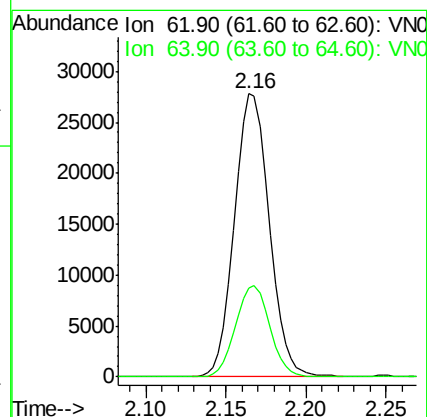
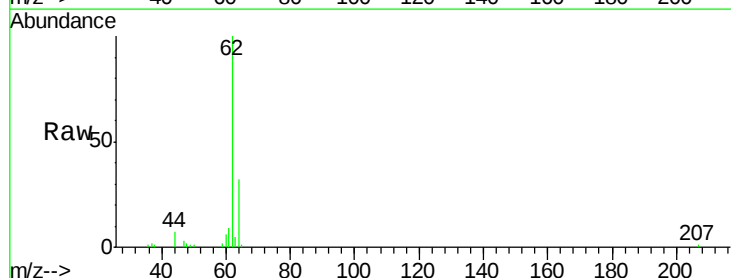
Acq: 30 Nov 2020 13:44

Tgt Ion: 62 Resp: 41195

Ion Ratio Lower Upper

62 100

64 31.6 26.5 39.7





#5

Bromomethane

Concen: 16.244 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

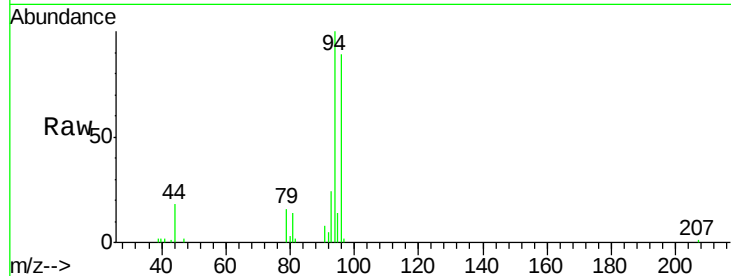
VN1130WBS01

Tot Ion: 94 Resp: 25324

Ion Ratio Lower Upper

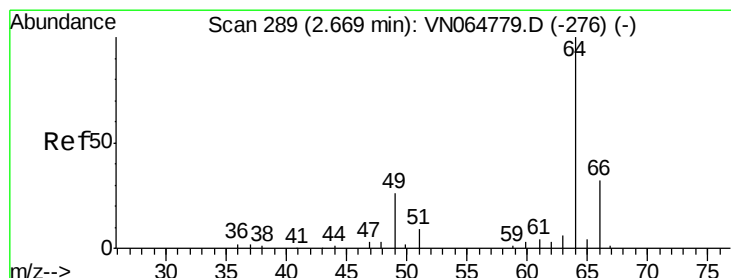
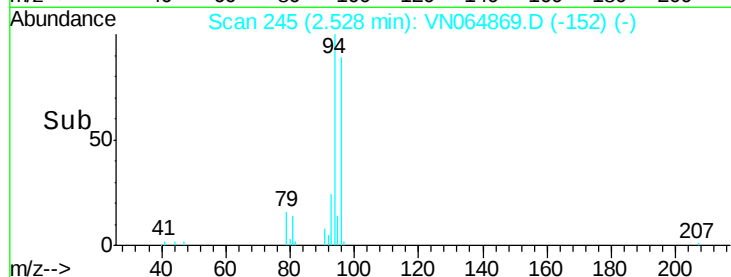
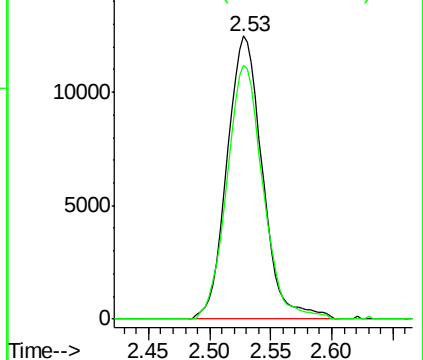
94 100

96 89.5 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.693 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064869.D

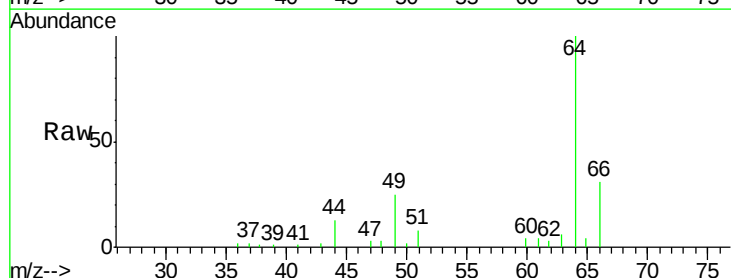
Acq: 30 Nov 2020 13:44

Tgt Ion: 64 Resp: 26003

Ion Ratio Lower Upper

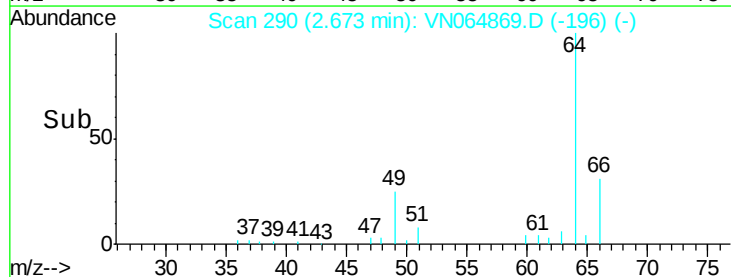
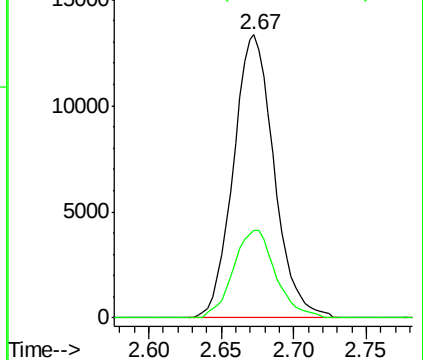
64 100

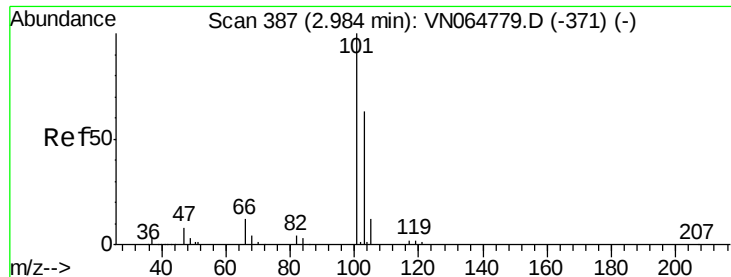
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



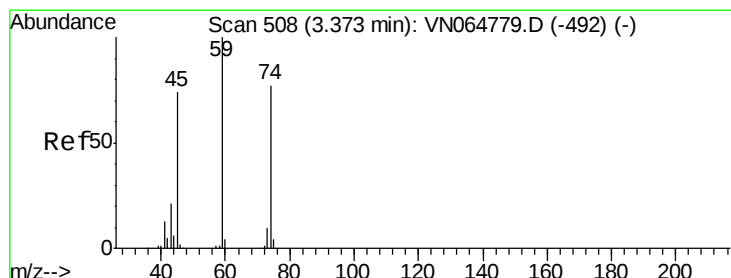
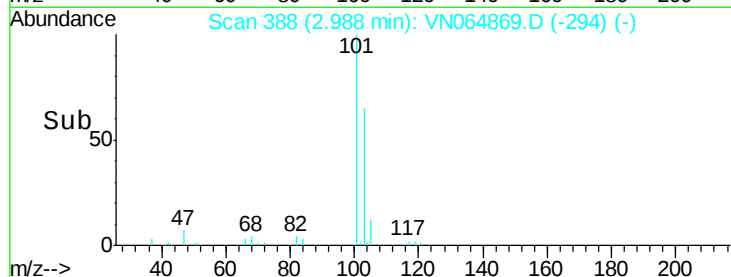
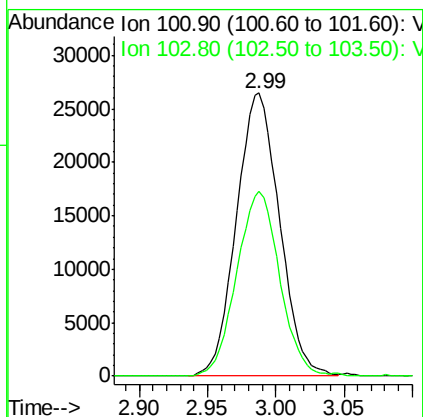
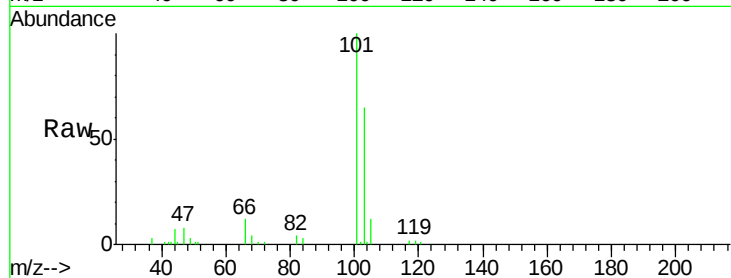


#7

Trichlorofluoromethane
Concen: 17.690 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

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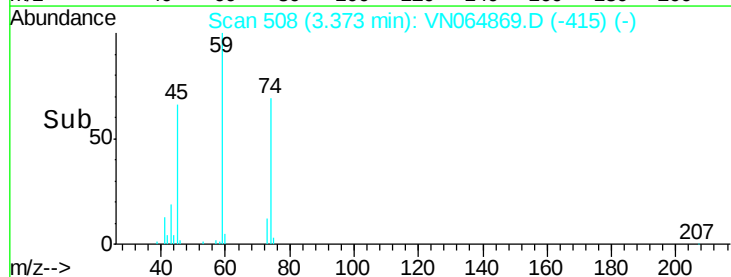
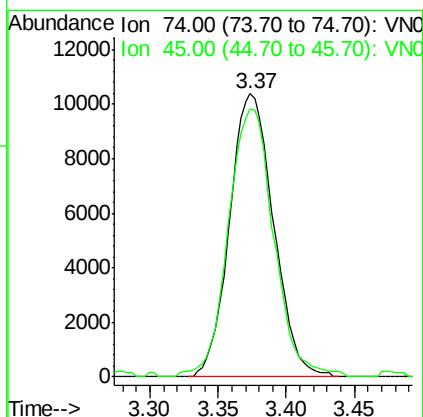
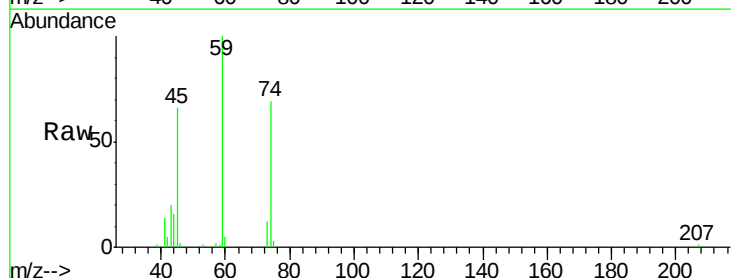
Tot Ion:101 Resp: 58106
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7

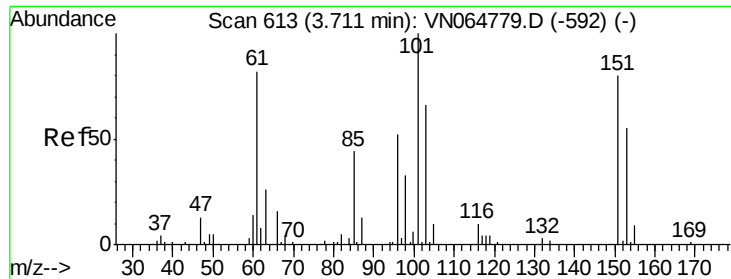


#8

Diethyl Ether
Concen: 17.905 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 74 Resp: 23215
Ion Ratio Lower Upper
74 100
45 98.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.430 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

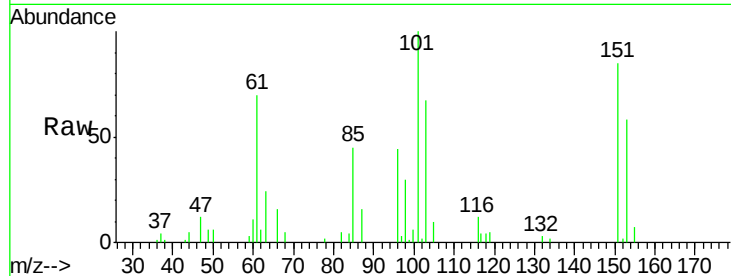
Tot Ion:101 Resp: 34345

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

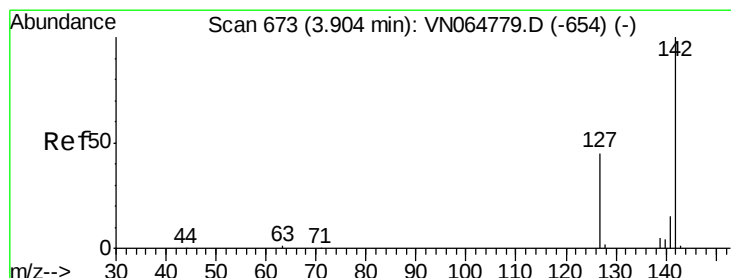
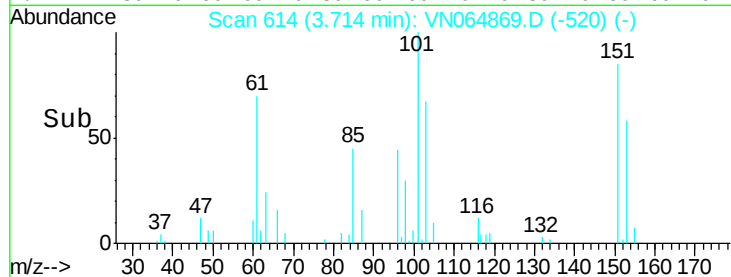
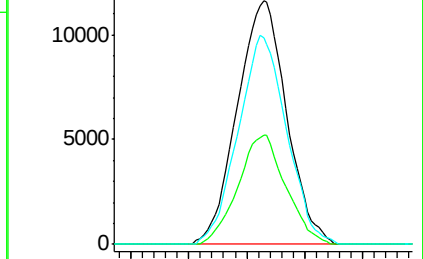
151 84.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.981 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

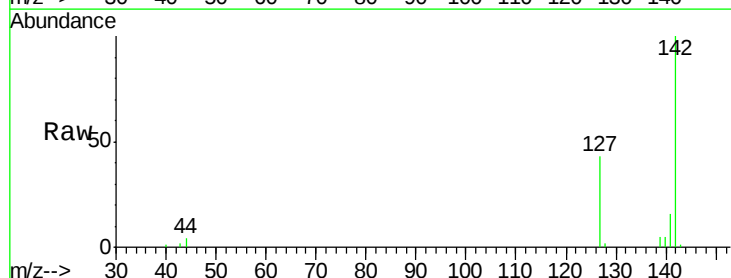
Tgt Ion:142 Resp: 40845

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

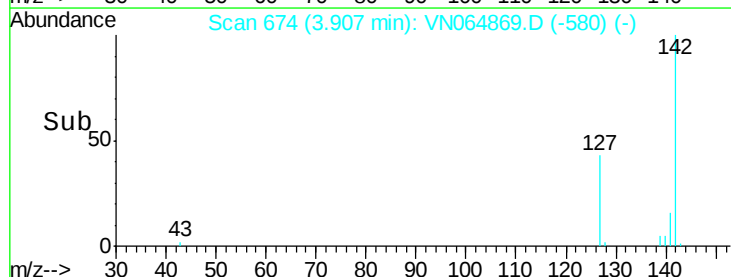
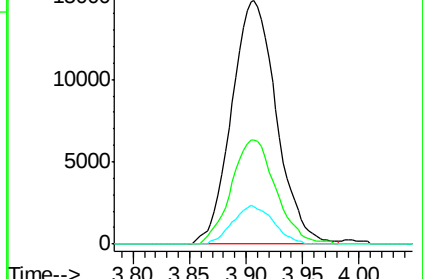
141 14.4 11.8 17.6

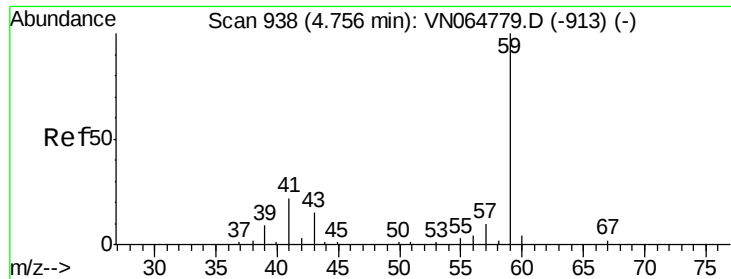


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

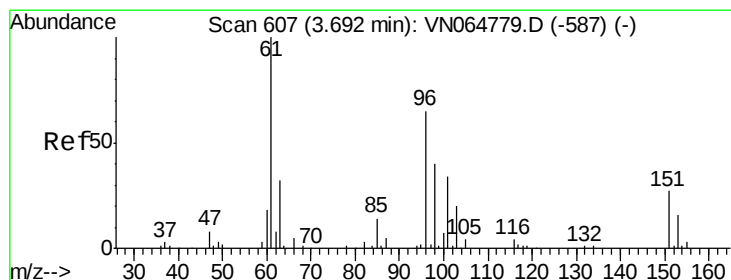
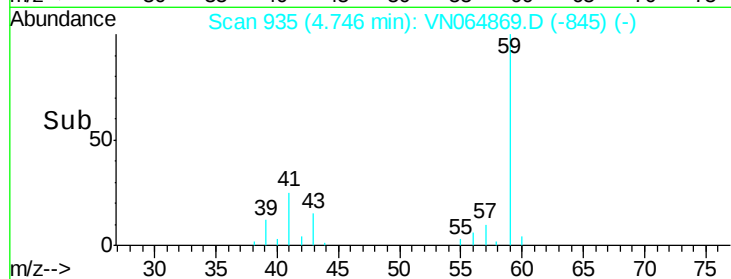
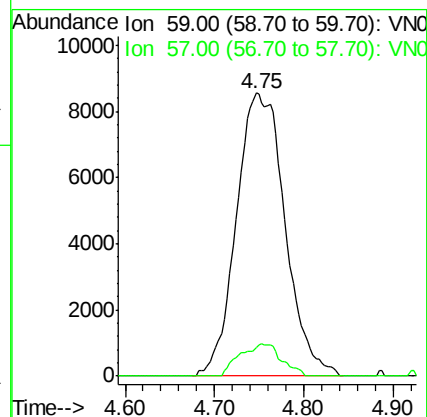
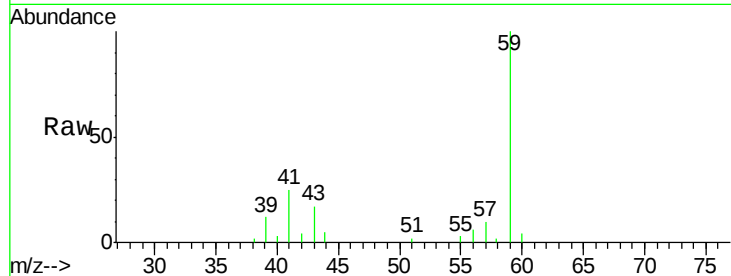




#11
Tert butyl alcohol
Concen: 88.412 ug/l
RT: 4.75 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

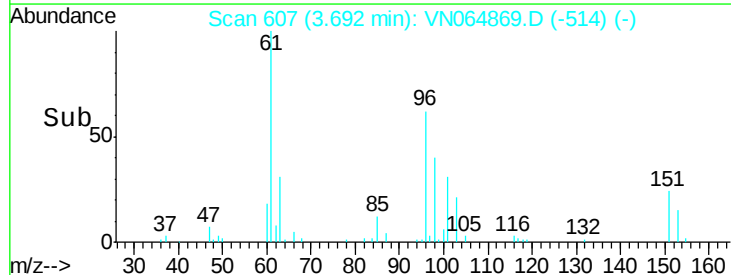
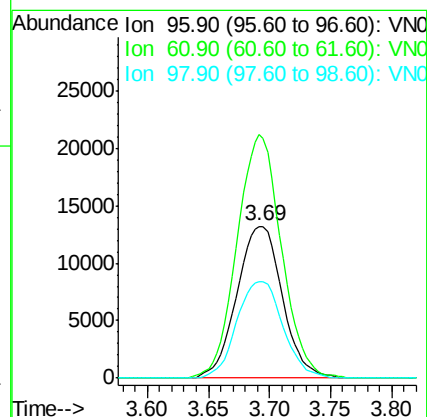
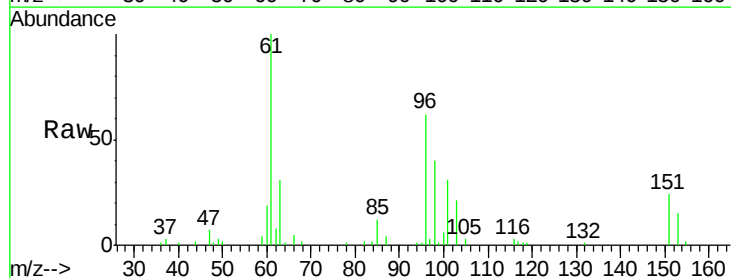
Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

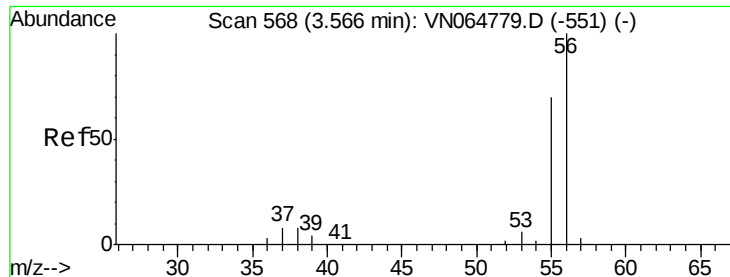
Tot Ion: 59 Resp: 32439
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9



#12
1,1-Dichloroethene
Concen: 17.334 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 96 Resp: 34017
Ion Ratio Lower Upper
96 100
61 159.5 123.4 185.2
98 63.8 49.8 74.8





#13

Acrolein

Concen: 91.552 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

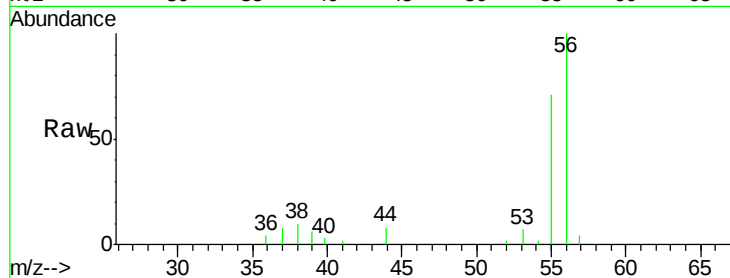
VN1130WBS01

Tot Ion: 56 Resp: 20518

Ion Ratio Lower Upper

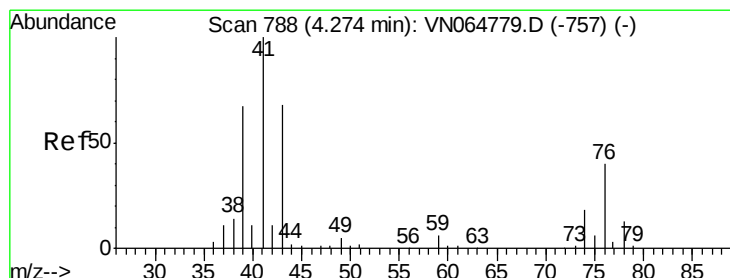
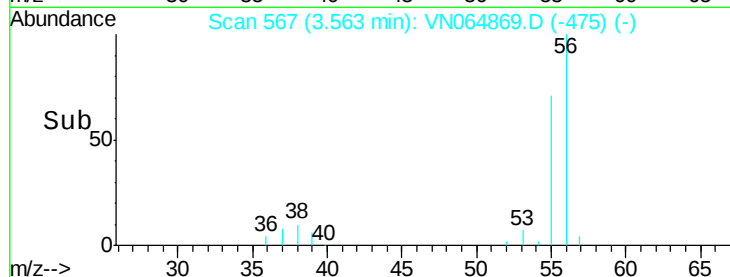
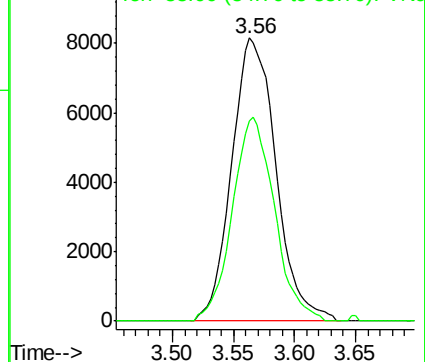
56 100

55 68.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.495 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

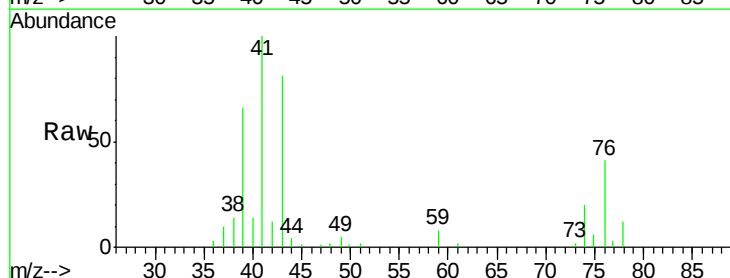
Tgt Ion: 41 Resp: 56625

Ion Ratio Lower Upper

41 100

39 62.5 50.9 76.3

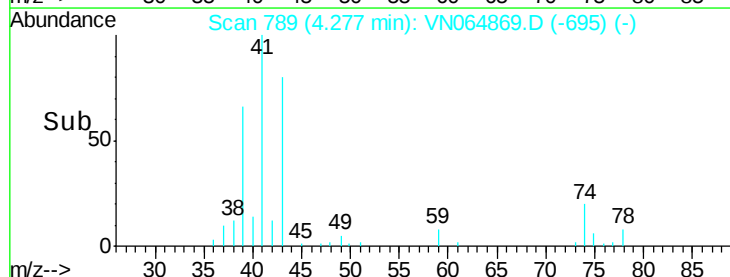
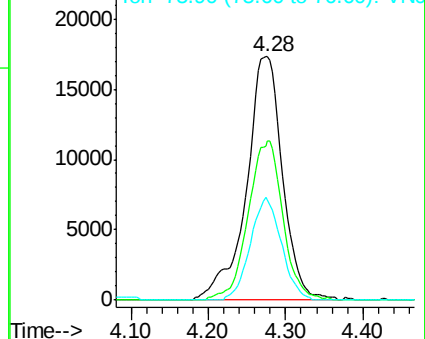
76 36.0 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 90.554 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

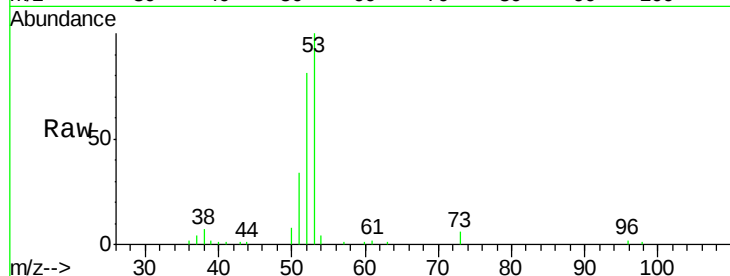
Tot Ion: 53 Resp: 91785

Ion Ratio Lower Upper

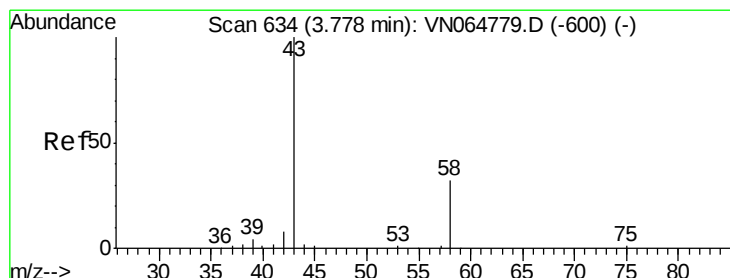
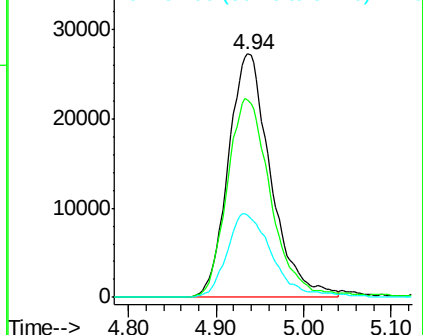
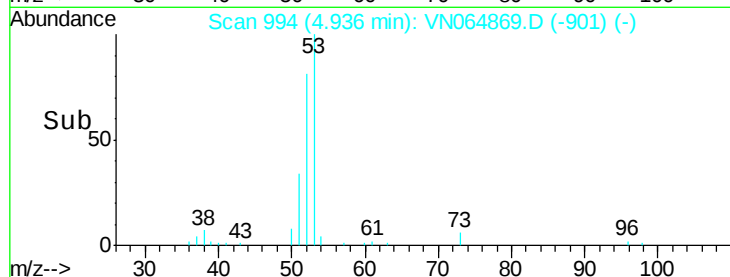
53 100

52 83.3 65.5 98.3

51 36.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064869.D (-901) (-)



#16

Acetone

Concen: 93.469 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064869.D

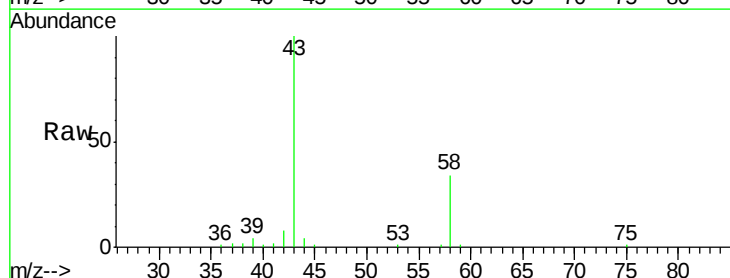
Acq: 30 Nov 2020 13:44

Tgt Ion: 43 Resp: 72289

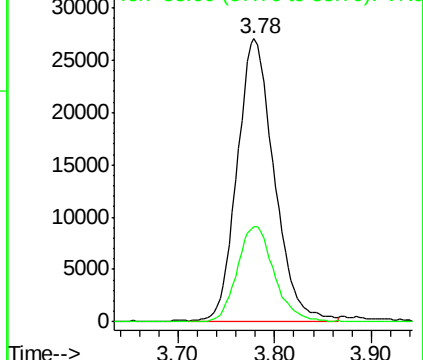
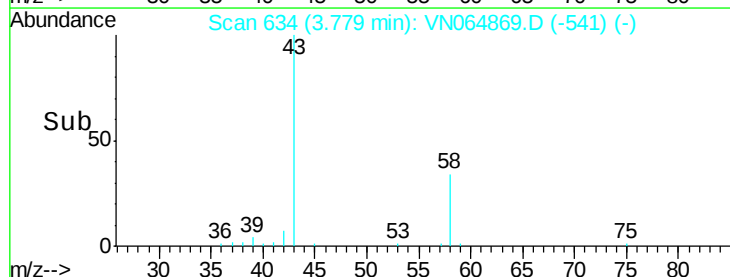
Ion Ratio Lower Upper

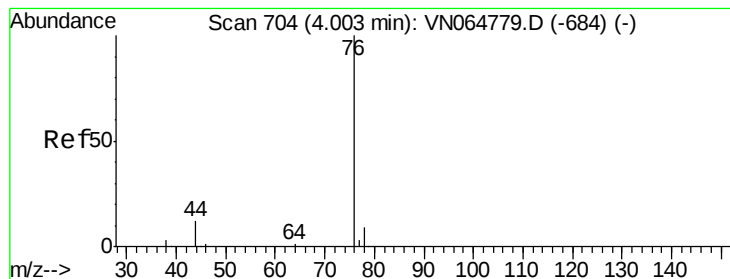
43 100

58 33.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064869.D (-541) (-)





#17

Carbon Disulfide

Concen: 17.562 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

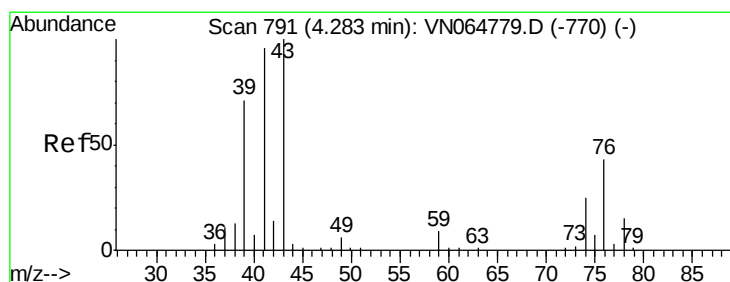
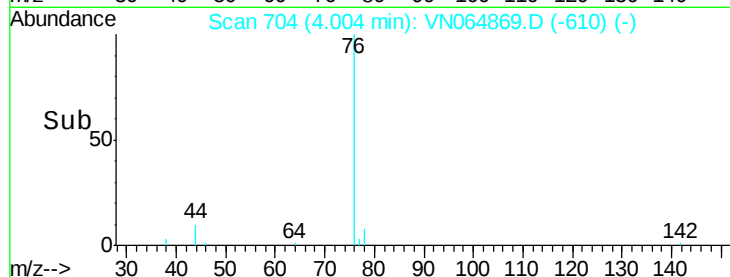
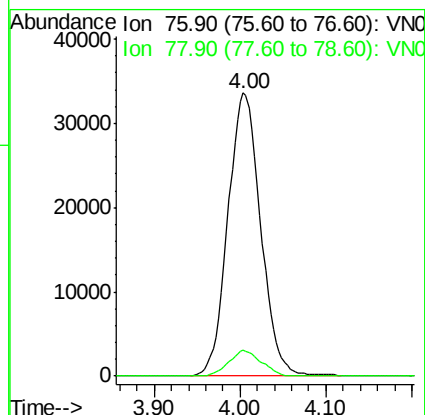
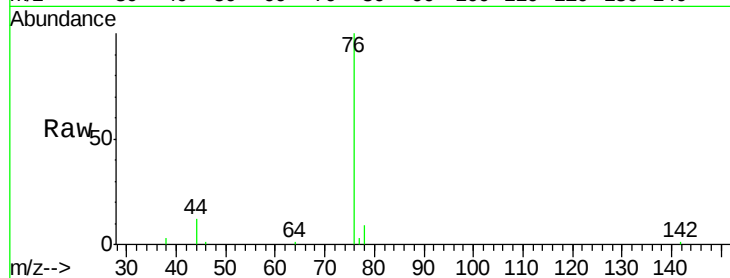
VN1130WBS01

Tot Ion: 76 Resp: 88969

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 18.660 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064869.D

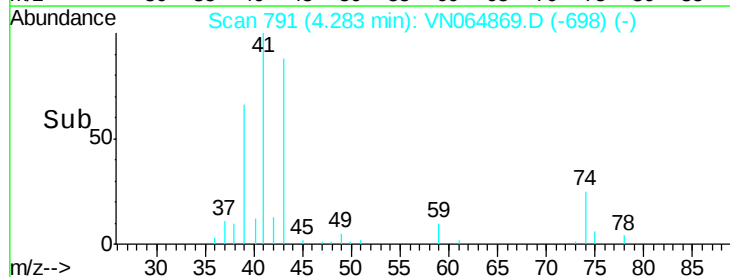
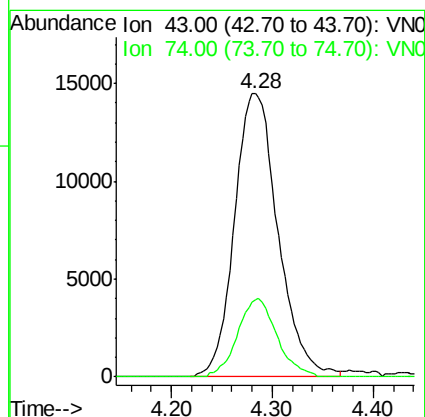
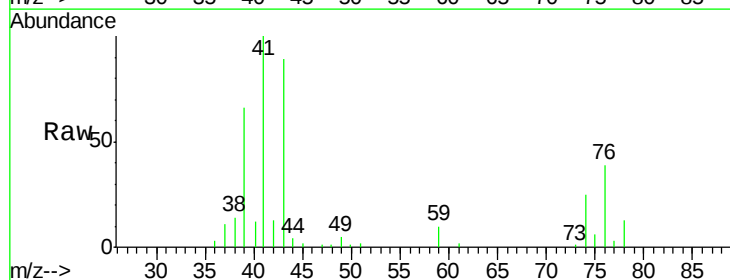
Acq: 30 Nov 2020 13:44

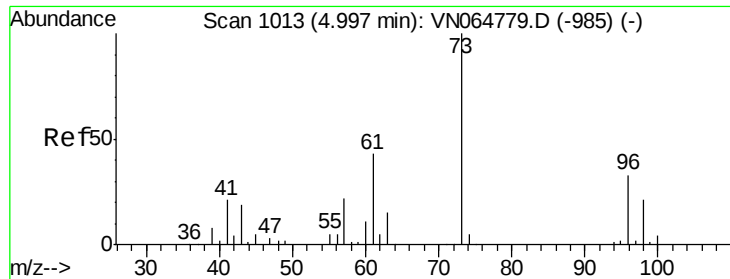
Tgt Ion: 43 Resp: 43390

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2

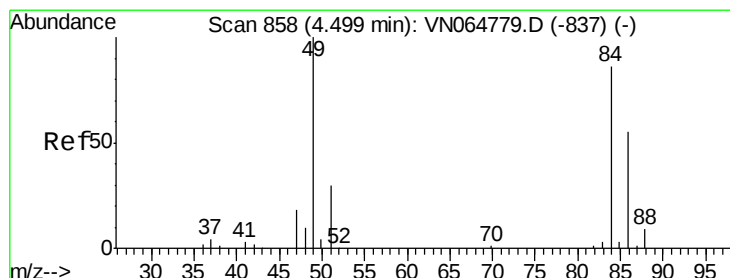
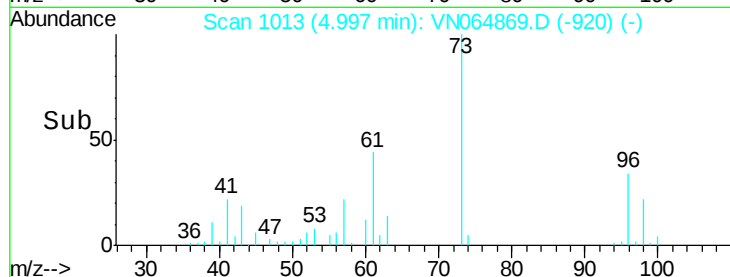
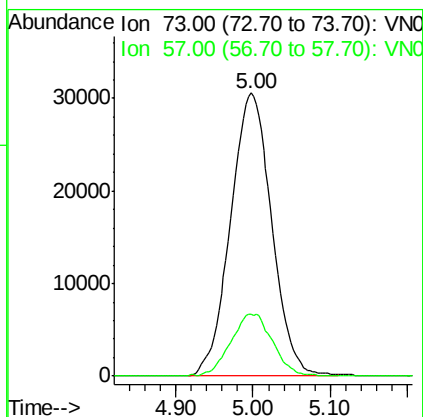
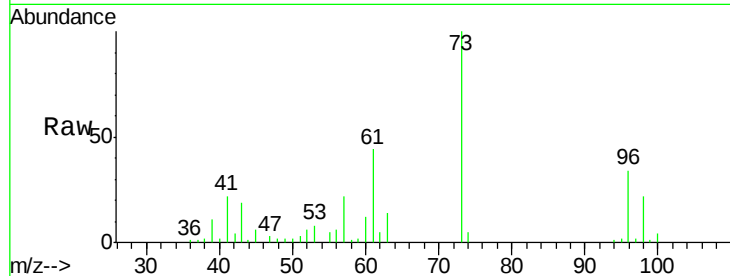




#19
Methvl tert-butvl Ether
Concen: 17.978 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

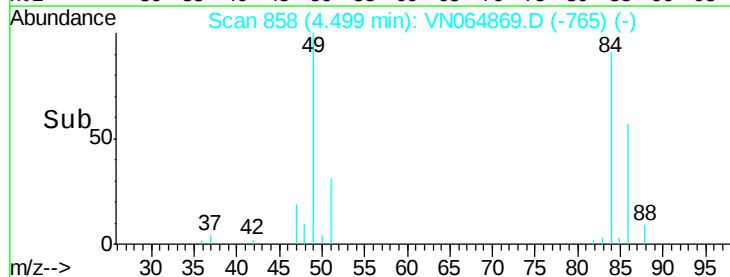
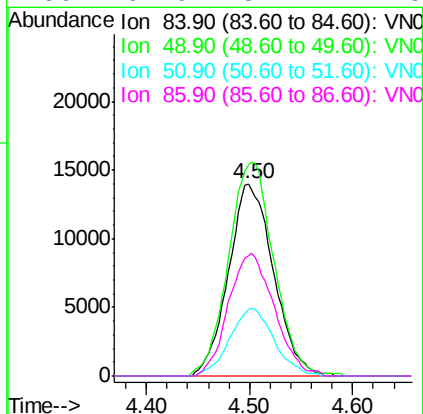
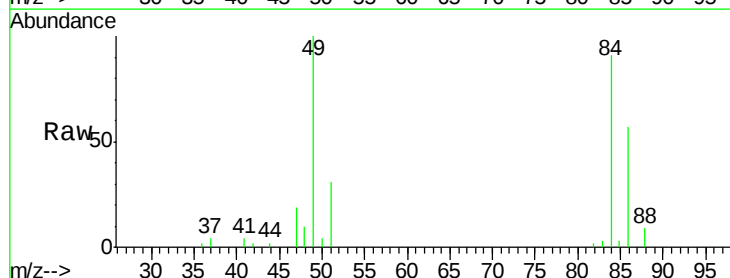
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

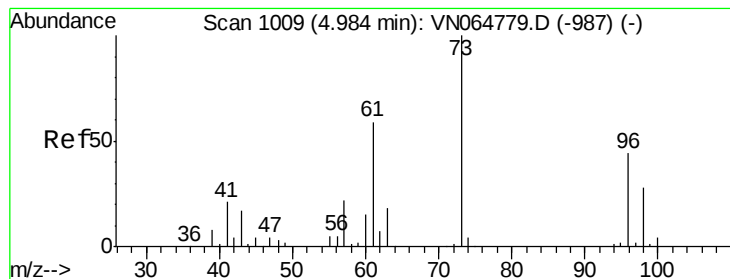
Tot Ion: 73 Resp: 113152
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 17.527 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 84 Resp: 42476
Ion Ratio Lower Upper
84 100
49 109.7 93.4 140.0
51 34.5 28.2 42.4
86 62.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.181 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

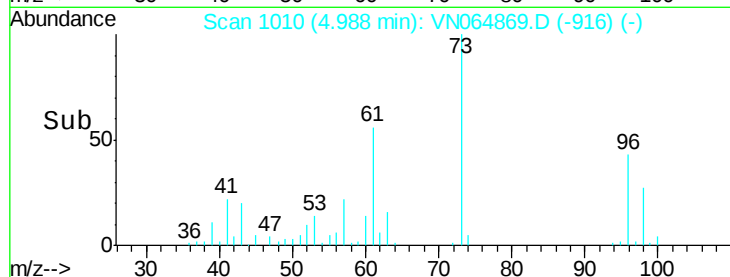
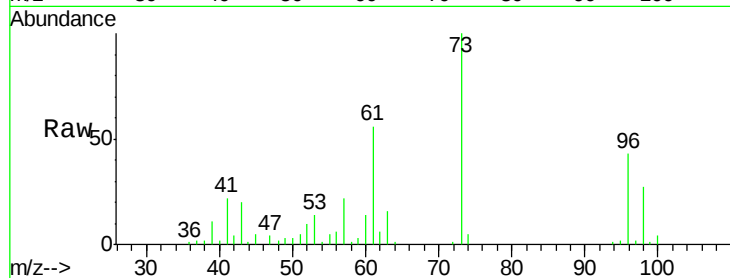
Tot Ion: 96 Resp: 37442

Ion Ratio Lower Upper

96 100

61 128.5 108.4 162.6

98 61.9 51.3 76.9

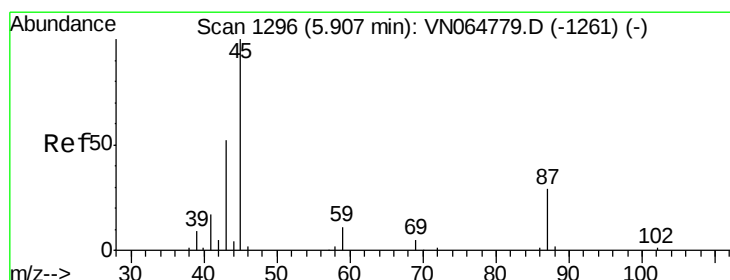
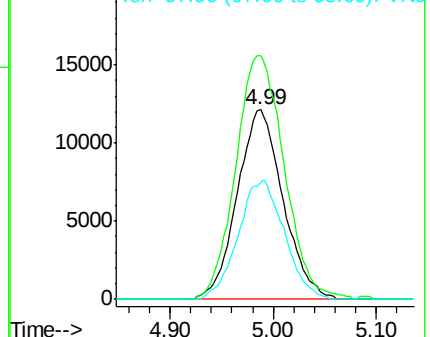


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.054 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion: 45 Resp: 123441

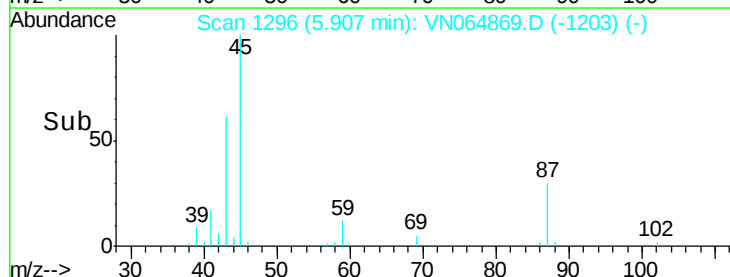
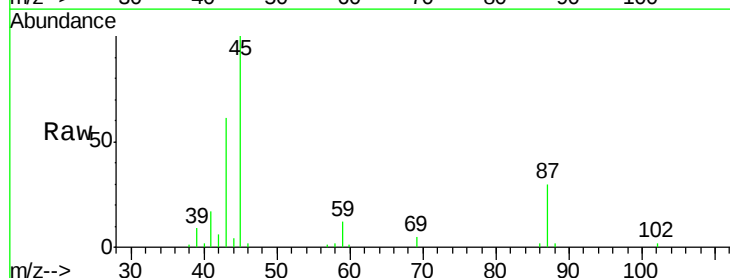
Ion Ratio Lower Upper

45 100

43 59.3 46.2 69.2

87 29.9 24.1 36.1

59 11.6 9.0 13.4



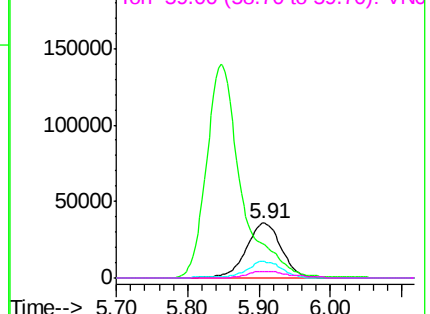
Abundance

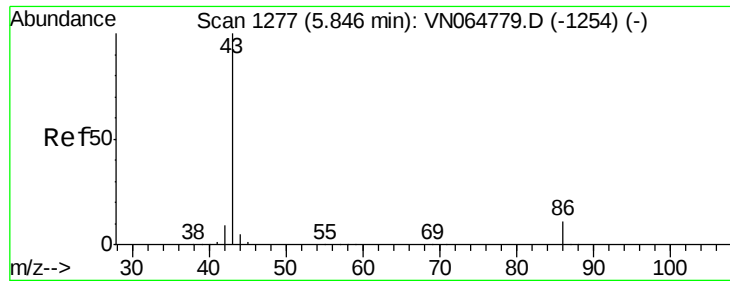
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.011 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

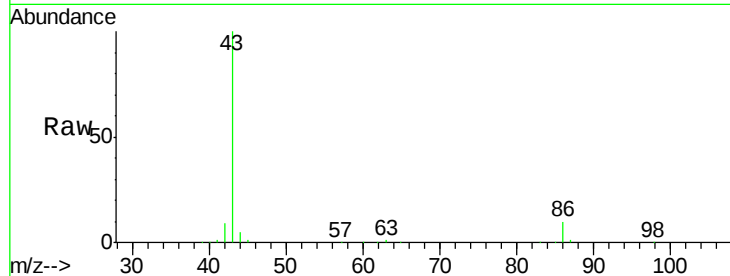
VN1130WBS01

Tot Ion: 43 Resp: 471493

Ion Ratio Lower Upper

43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064869.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064869.D (-1184) (-)

5.85

150000

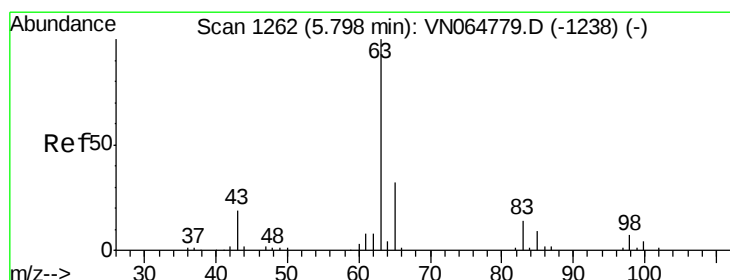
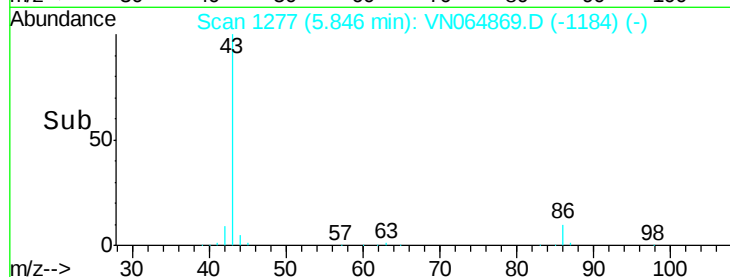
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.331 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

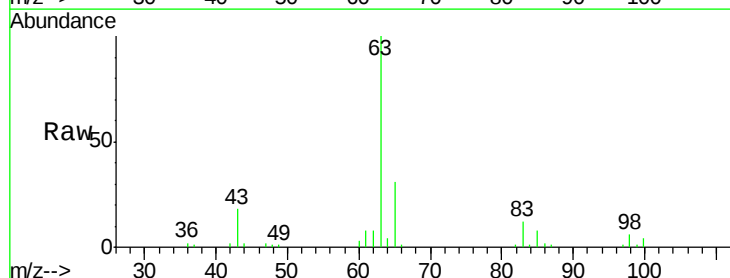
Tgt Ion: 63 Resp: 70974

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064869.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064869.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064869.D (-1169) (-)

5.80

30000

25000

20000

15000

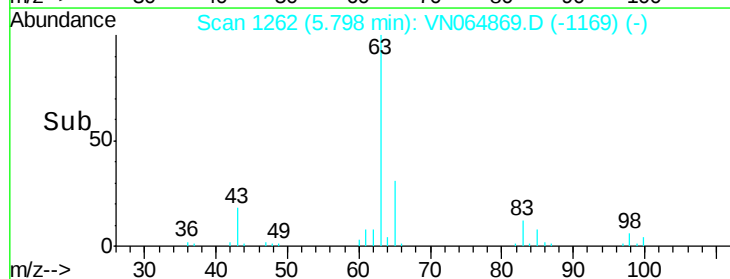
10000

5000

0

5.70 5.80 5.90

Time-->

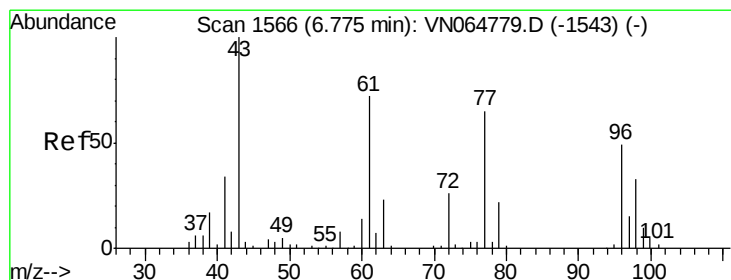
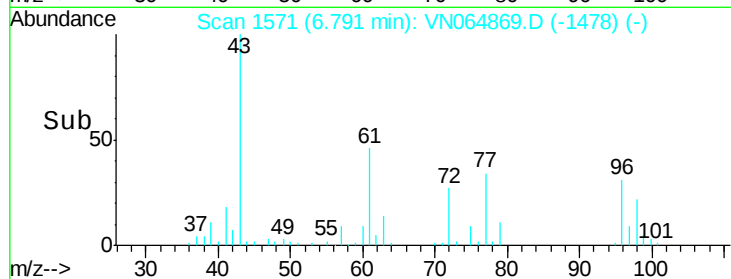
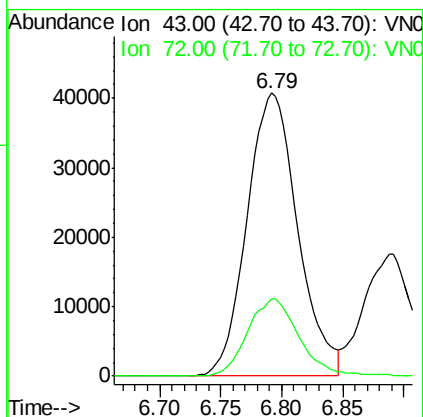
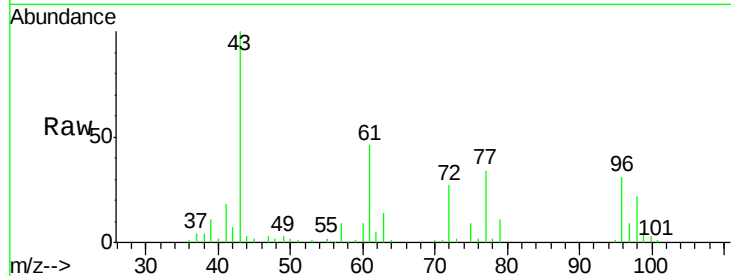




#25
2-Butanone
Concen: 93.830 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

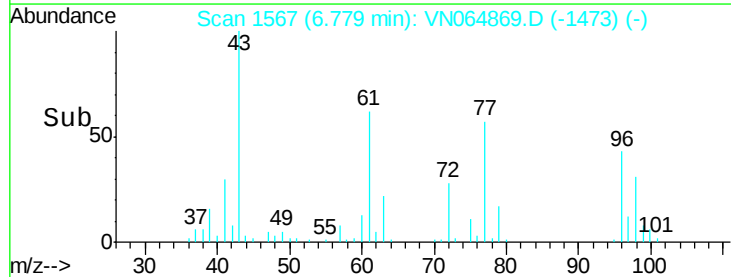
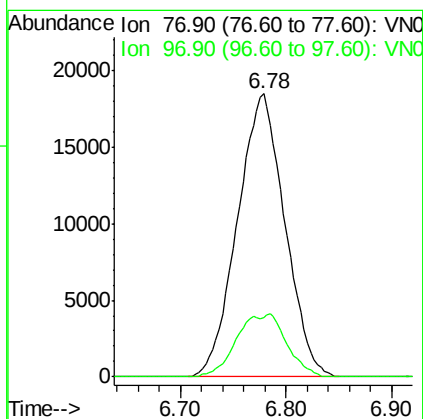
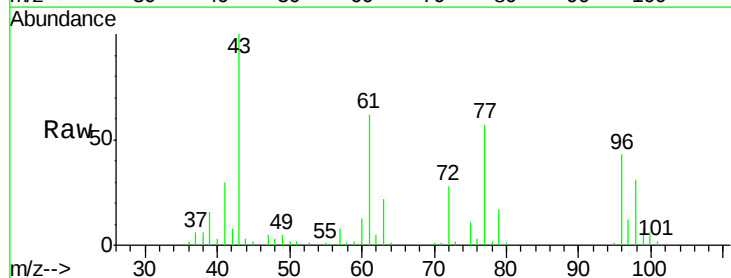
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

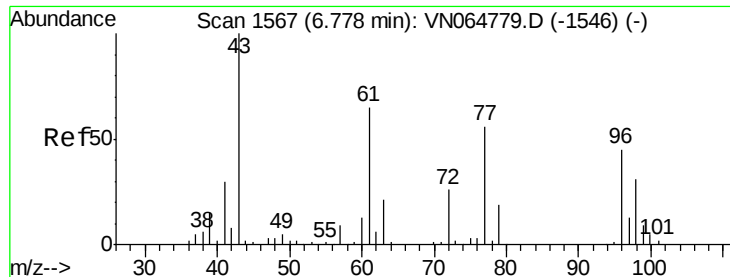
Tot Ion: 43 Resp: 117636
Ion Ratio Lower Upper
43 100
72 27.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.165 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 77 Resp: 57639
Ion Ratio Lower Upper
77 100
97 11.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.566 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

VN1130WBS01

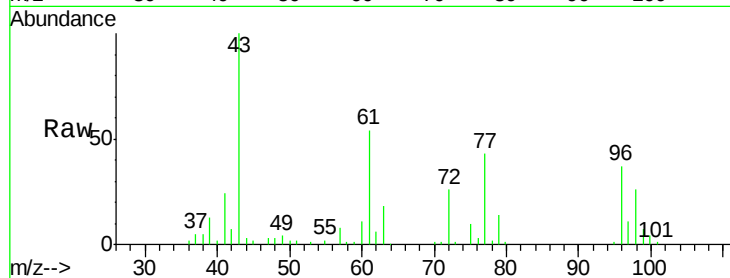
Tot Ion: 96 Resp: 43075

Ion Ratio Lower Upper

96 100

61 143.5 0.0 285.8

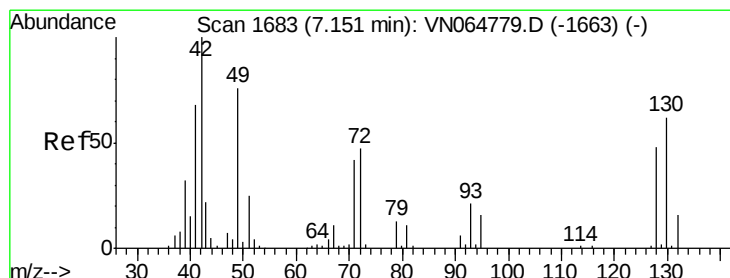
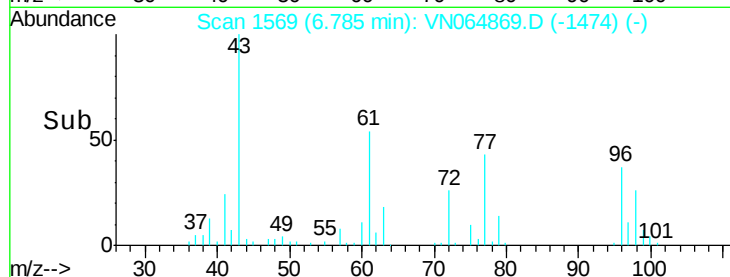
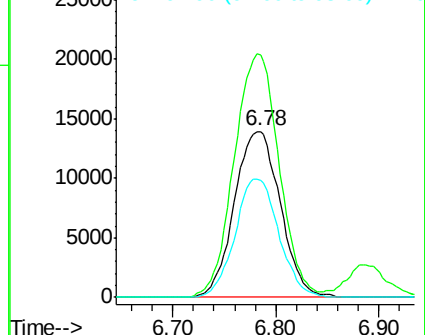
98 68.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.438 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

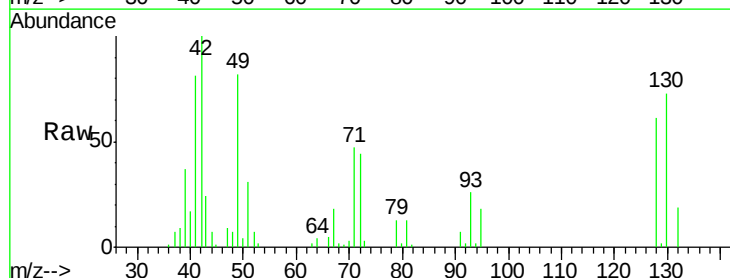
Tgt Ion: 49 Resp: 32658

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

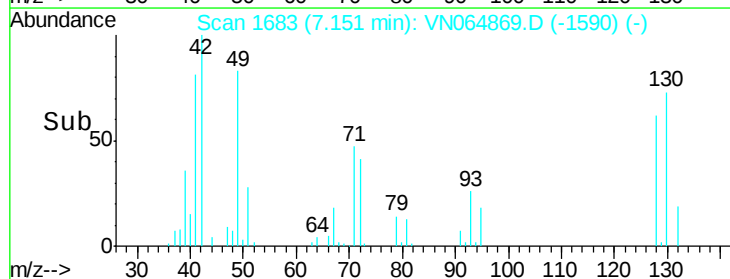
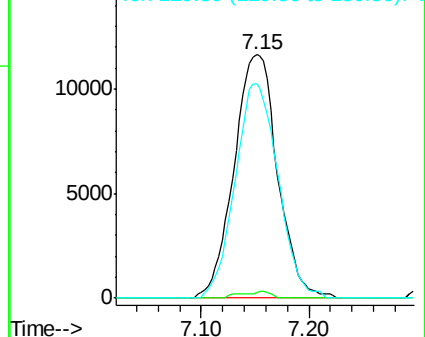
130 87.1 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

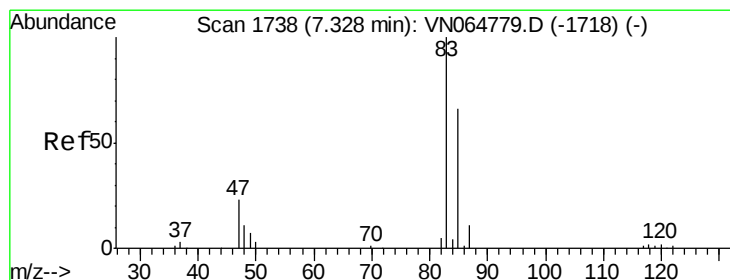
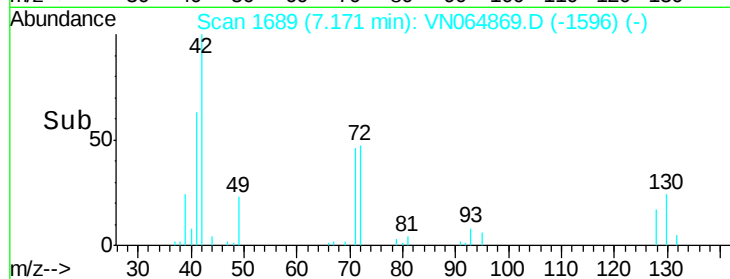
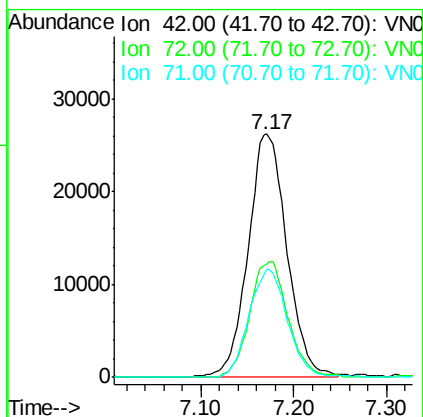
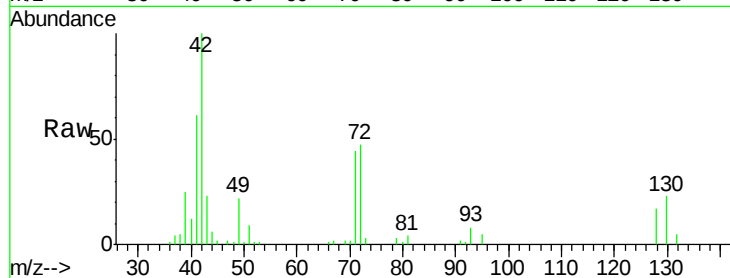




#29
Tetrahydrofuran
Concen: 88.083 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

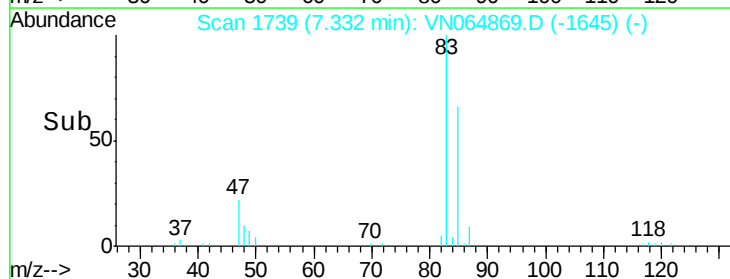
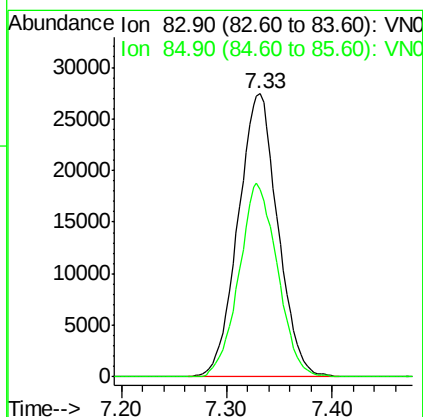
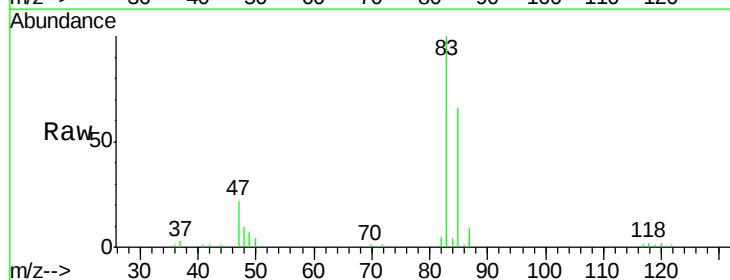
Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

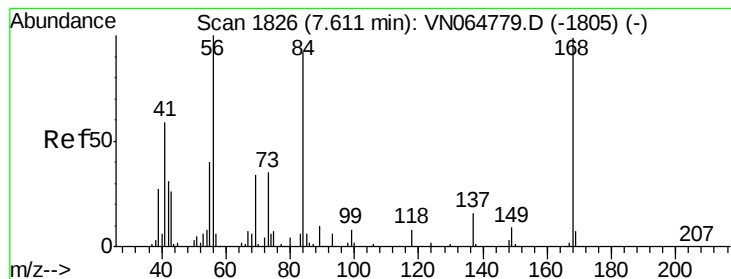
Tot Ion: 42 Resp: 76230
Ion Ratio Lower Upper
42 100
72 47.0 36.6 54.8
71 43.9 33.6 50.4



#30
Chloroform
Concen: 18.003 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 83 Resp: 71882
Ion Ratio Lower Upper
83 100
85 66.1 52.6 78.8





#31

Cvclohexane

Concen: 17.237 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

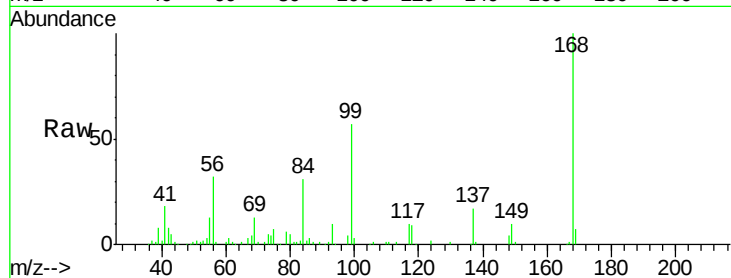
Tot Ion: 56 Resp: 56523

Ion Ratio Lower Upper

56 100

69 40.7 27.5 41.3

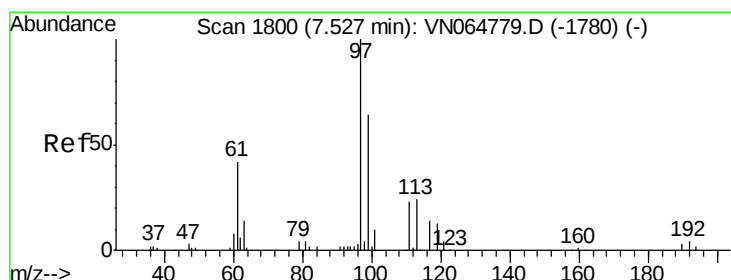
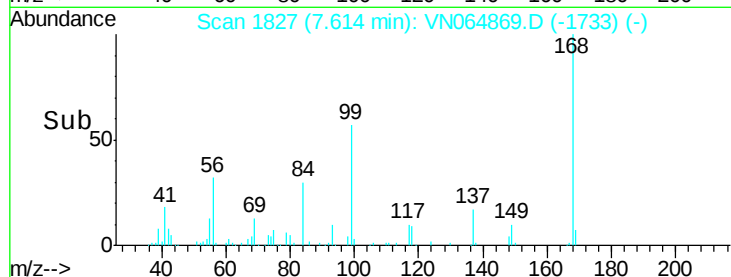
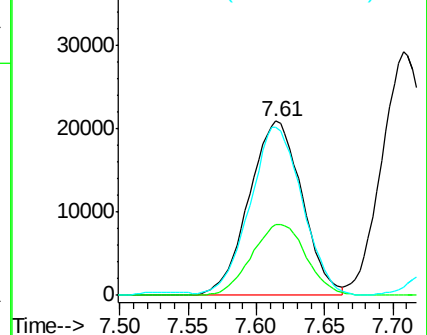
84 95.5 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.934 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

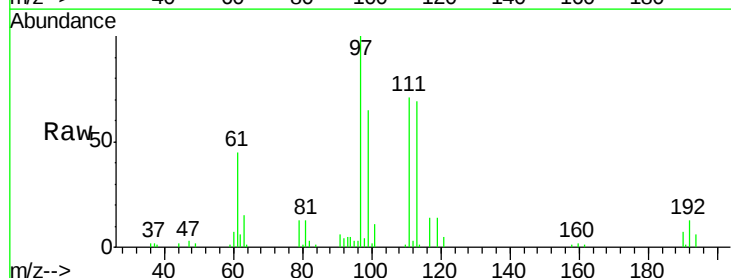
Tgt Ion: 97 Resp: 61500

Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

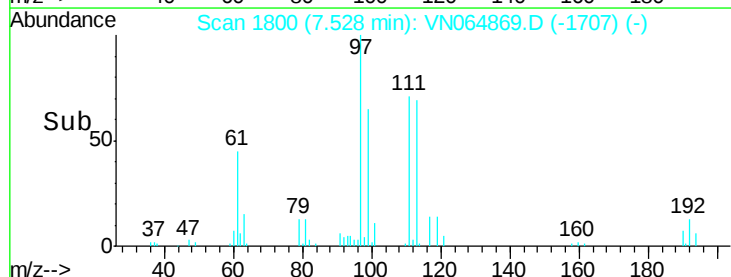
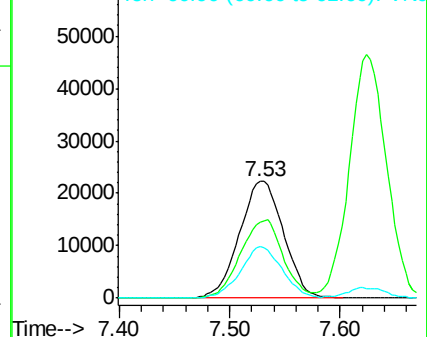
61 42.1 33.9 50.9

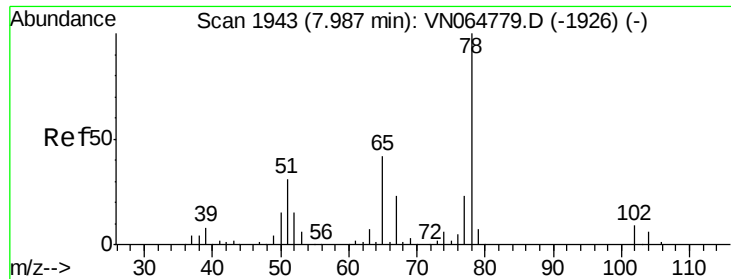


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

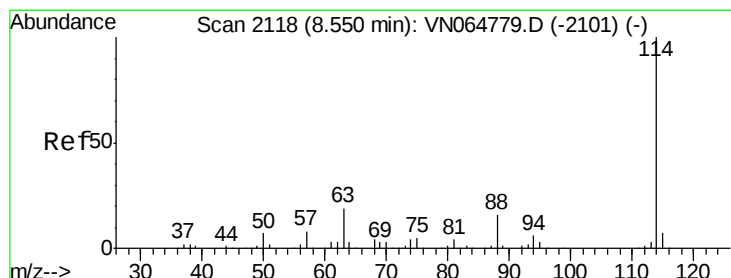
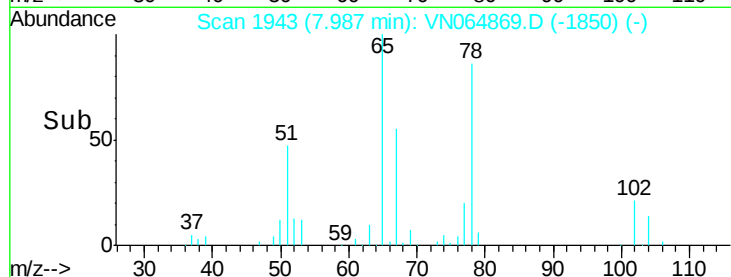
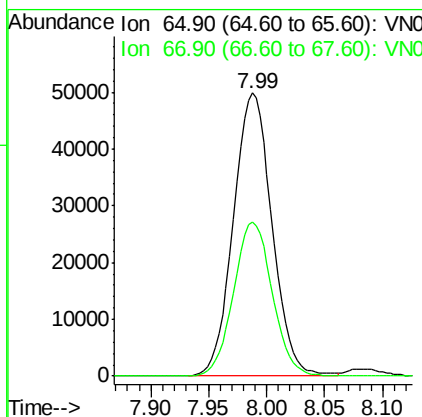
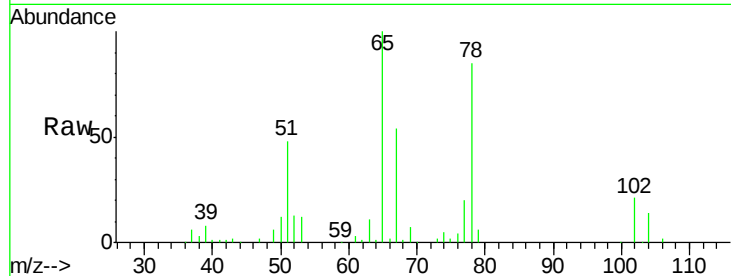




#33
 1,2-Dichloroethane-d4
 Concen: 49.199 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

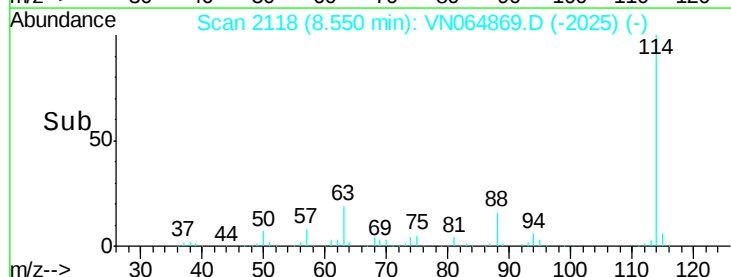
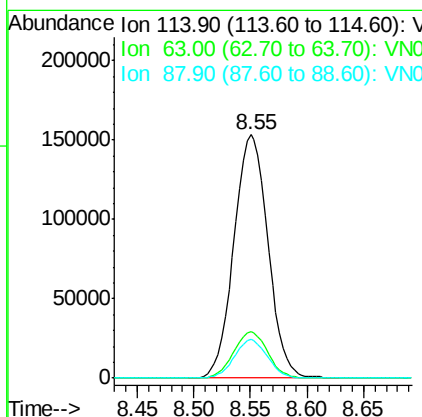
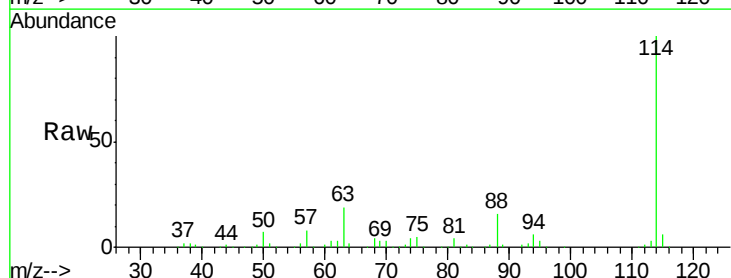
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

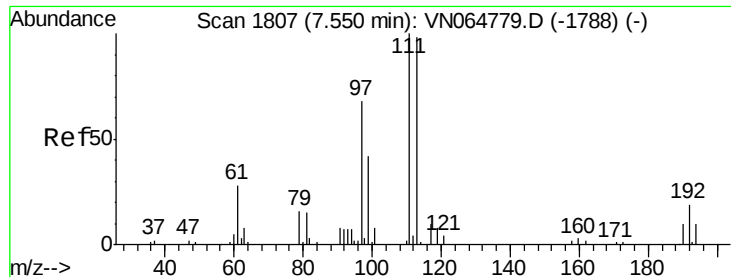
Tot Ion: 65 Resp: 115751
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 114 Resp: 322223
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 16.2 0.0 32.6

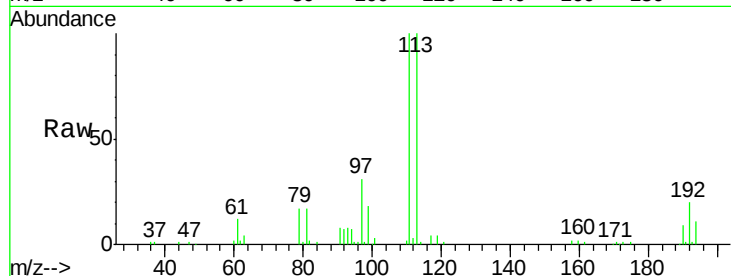




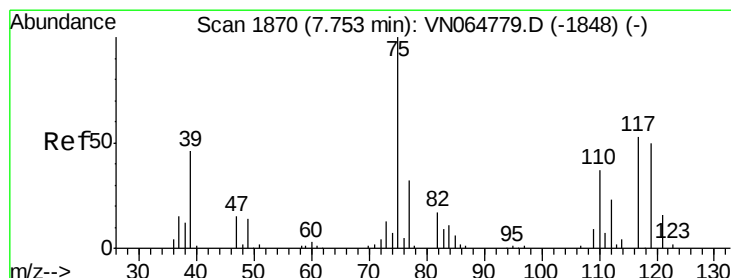
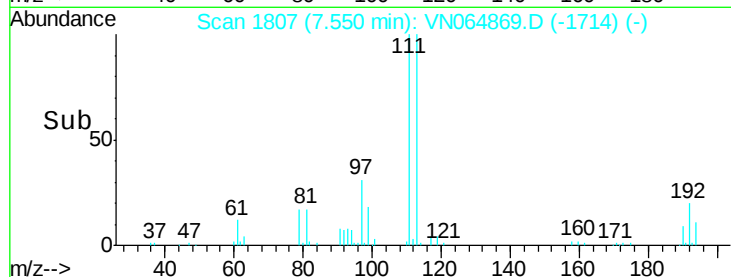
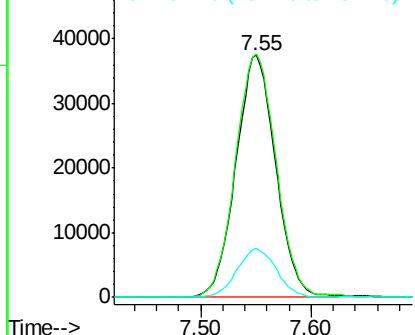
#35
 Dibromofluoromethane
 Concen: 48.421 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion:113 Resp: 93360
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.6 122.4
 192 20.0 16.2 24.2

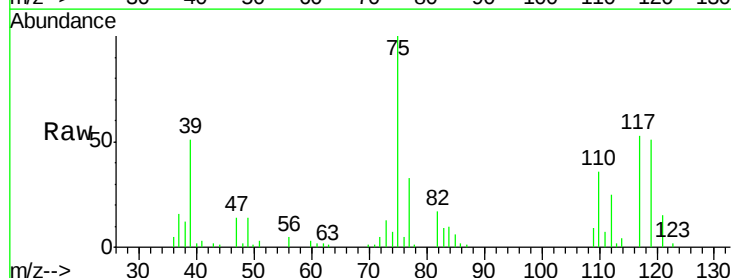


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

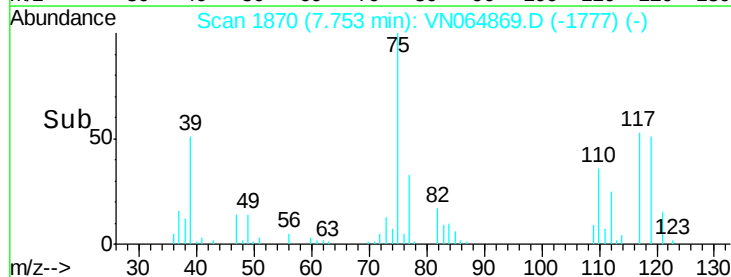
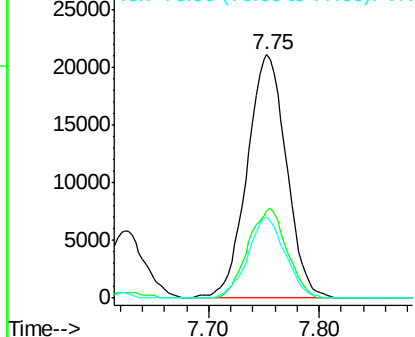


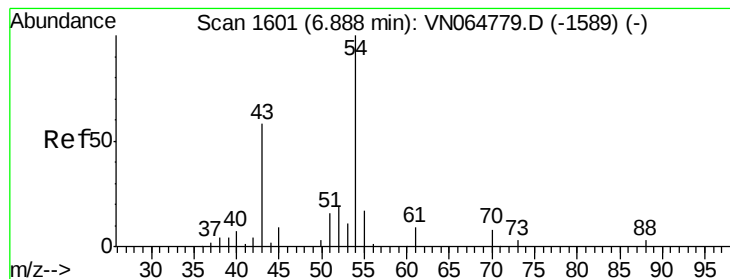
#36
 1,1-Dichloropropene
 Concen: 17.416 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 75 Resp: 52017
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.3
 77 31.6 25.0 37.4



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





#37

Ethyl Acetate

Concen: 17.142 ug/l

RT: 6.89 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

VN1130WBS01

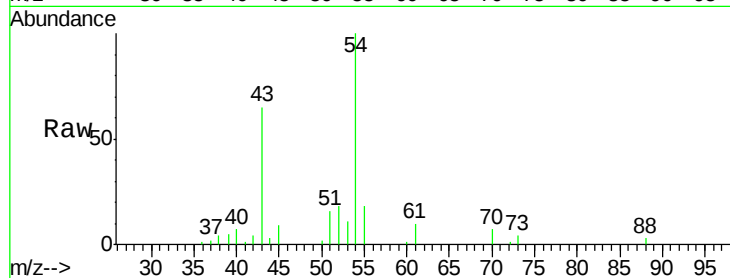
Tot Ion: 43 Resp: 49318

Ion Ratio Lower Upper

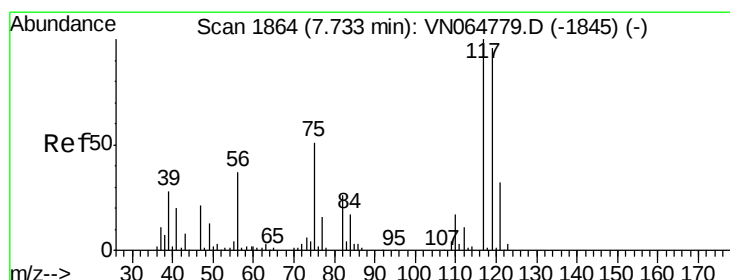
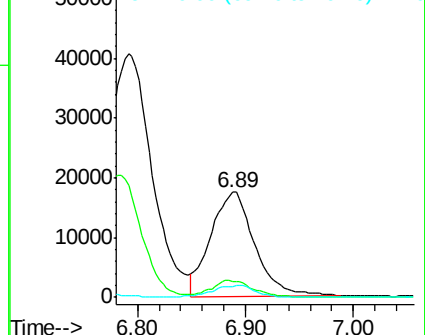
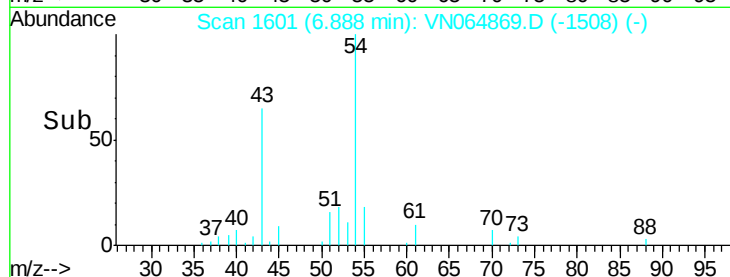
43 100

61 15.6 12.8 19.2

70 11.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064869.D (-1508) (-)



#38

Carbon Tetrachloride

Concen: 17.496 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

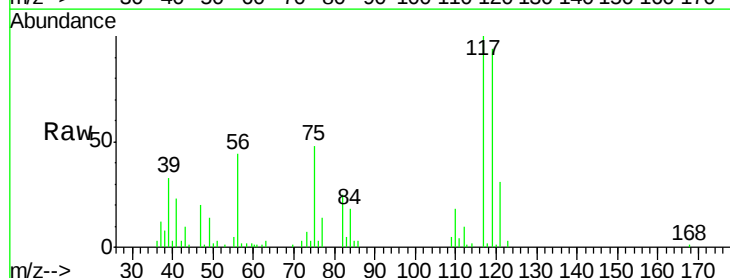
Tgt Ion: 117 Resp: 54372

Ion Ratio Lower Upper

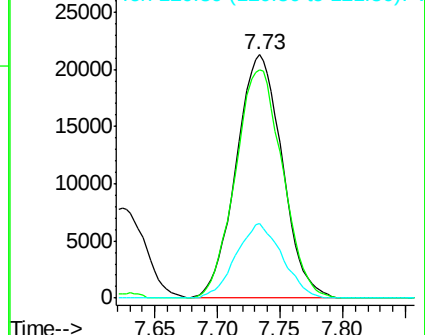
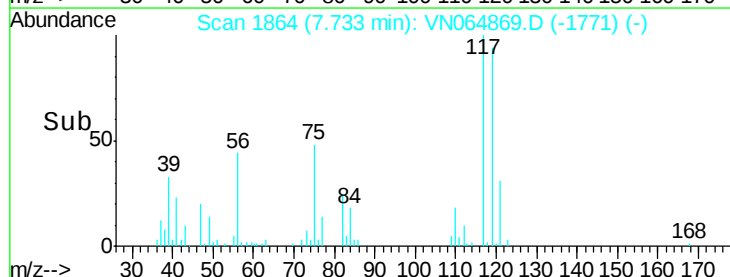
117 100

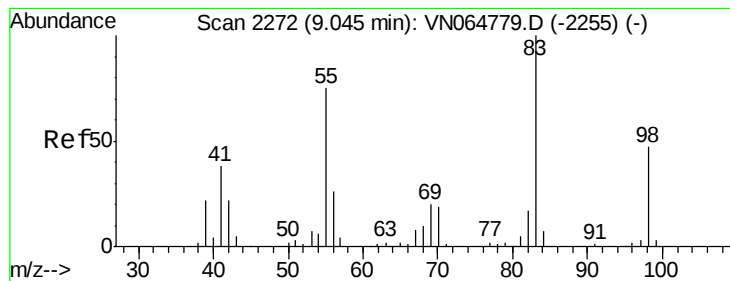
119 93.8 76.7 115.1

121 30.6 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): VN064869.D (-1771) (-)





#39

Methvlcvclohexane

Concen: 17.784 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

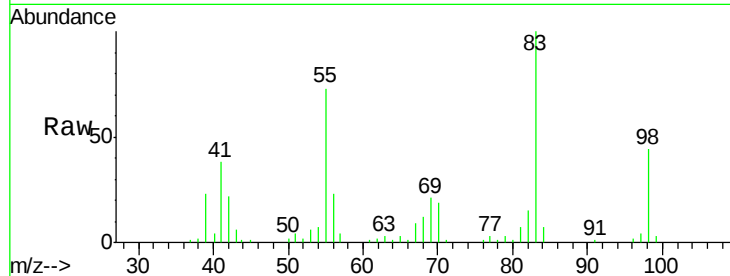
Tot Ion: 83 Resp: 57178

Ion Ratio Lower Upper

83 100

55 72.6 60.2 90.2

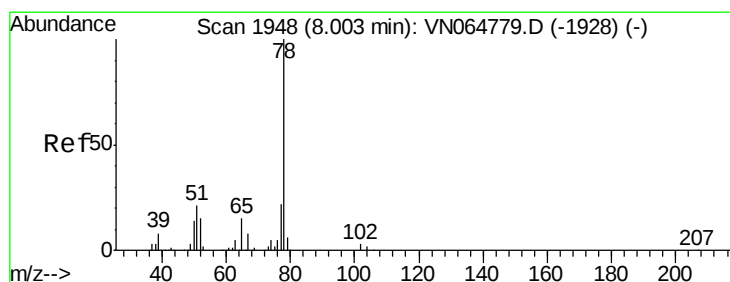
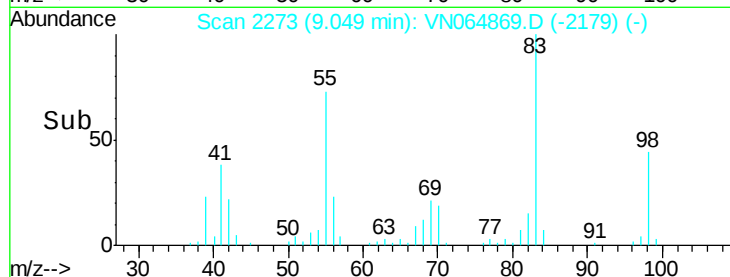
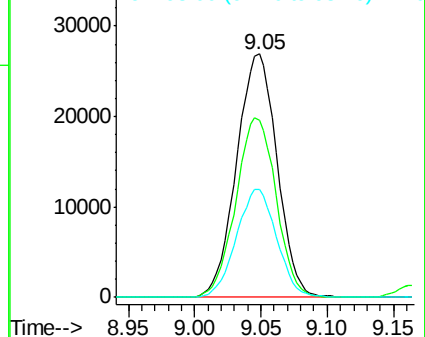
98 44.4 37.4 56.2



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: 17.709 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064869.D

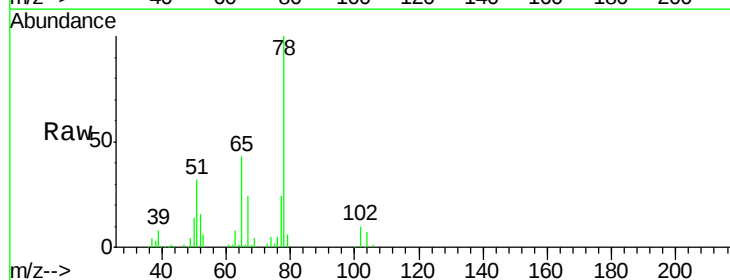
Acq: 30 Nov 2020 13:44

Tgt Ion: 78 Resp: 162075

Ion Ratio Lower Upper

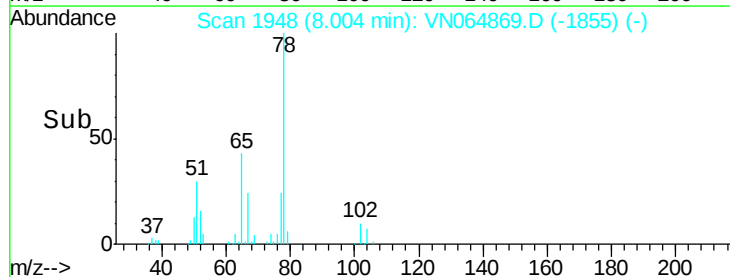
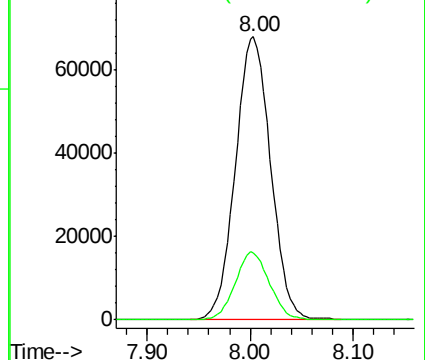
78 100

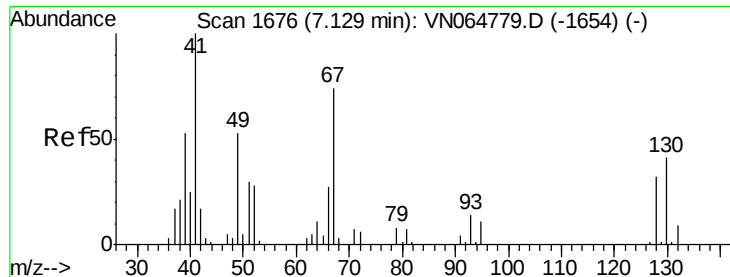
77 23.7 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

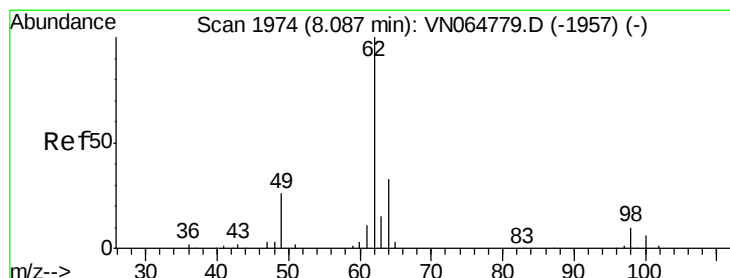
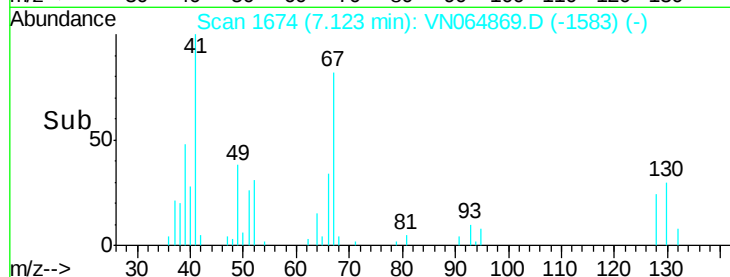
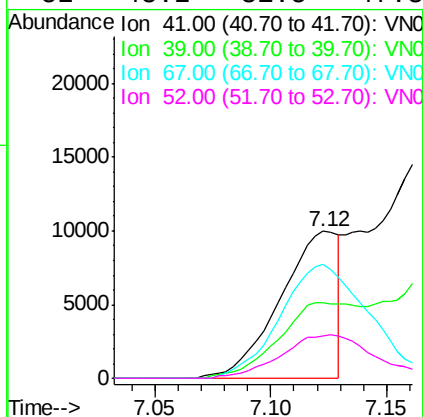
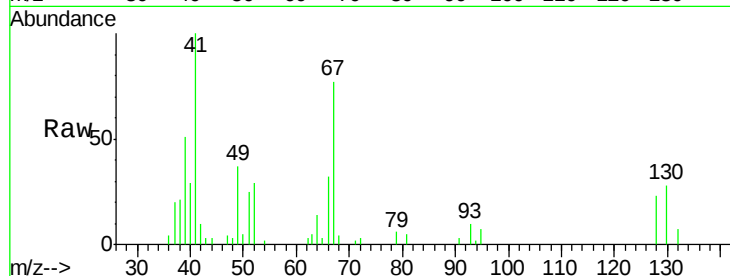




#41
Methacrylonitrile
Concen: 13.097 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

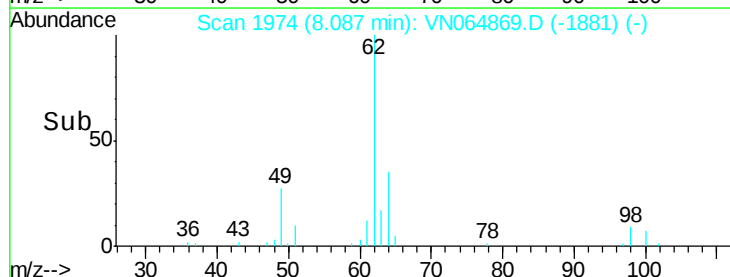
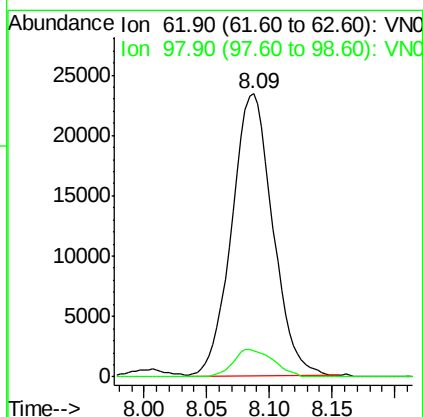
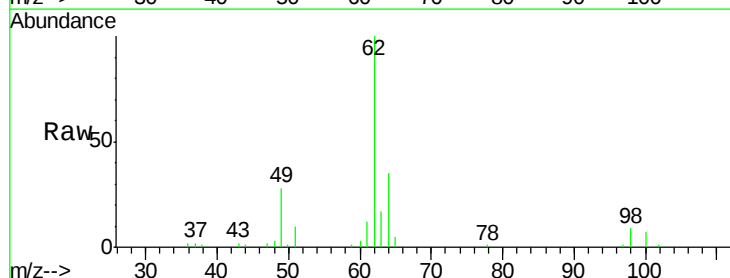
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

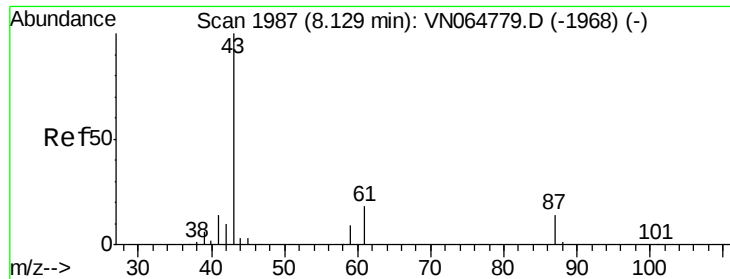
Tot Ion: 41 Resp: 17386
Ion Ratio Lower Upper
41 100
39 74.4 51.0 76.6
67 120.2 79.8 119.8#
52 48.2 31.5 47.3#



#42
1,2-Dichloroethane
Concen: 17.148 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 62 Resp: 52944
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6

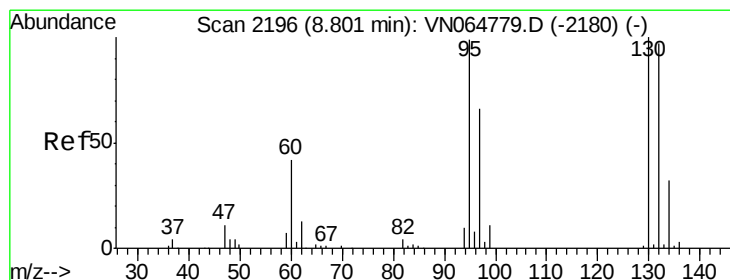
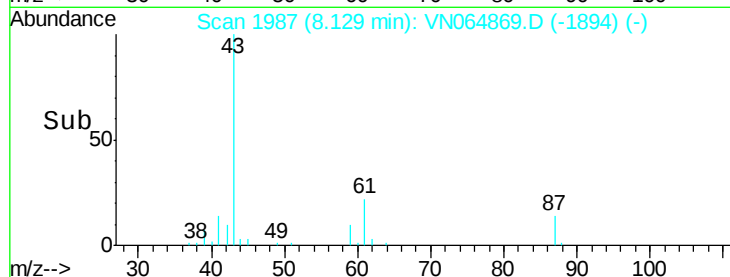
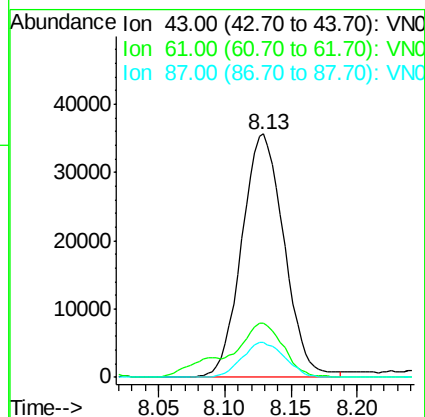
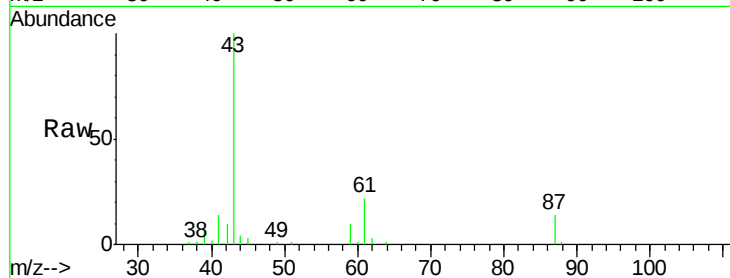




#43
Isopropyl Acetate
Concen: 17.125 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

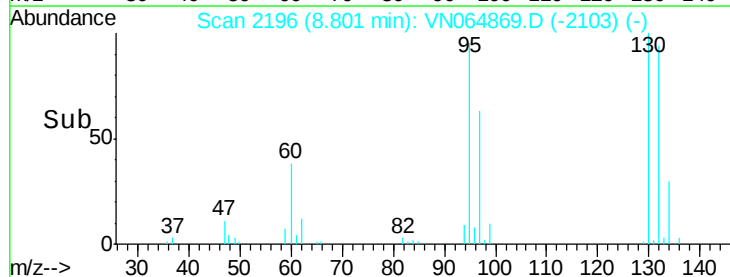
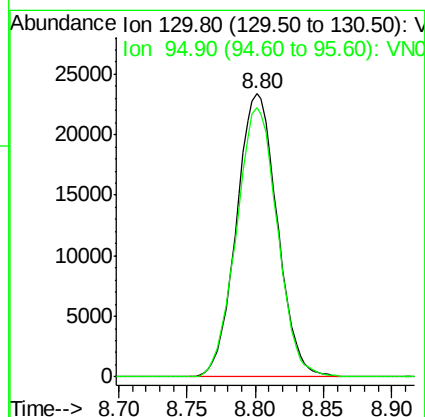
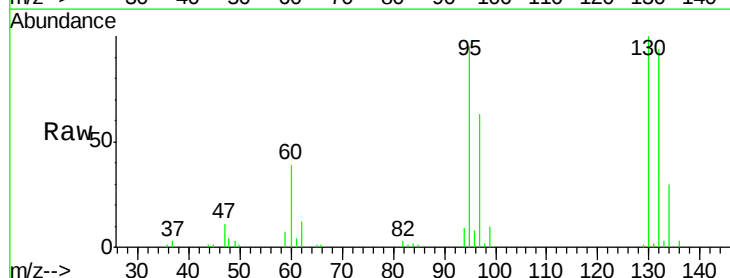
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

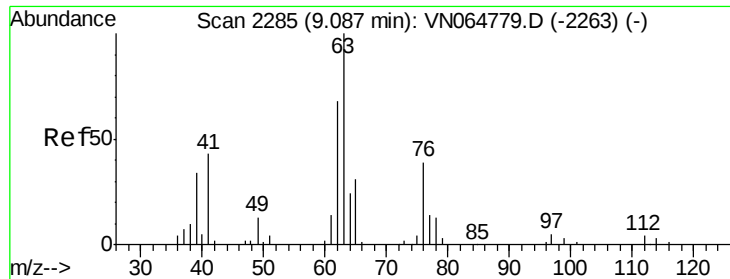
Tot Ion: 43 Resp: 79279
Ion Ratio Lower Upper
43 100
61 22.2 17.2 25.8
87 14.4 11.4 17.0



#44
Trichloroethene
Concen: 17.953 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:130 Resp: 48479
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.8

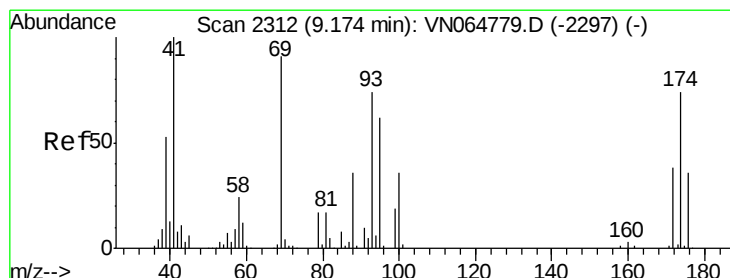
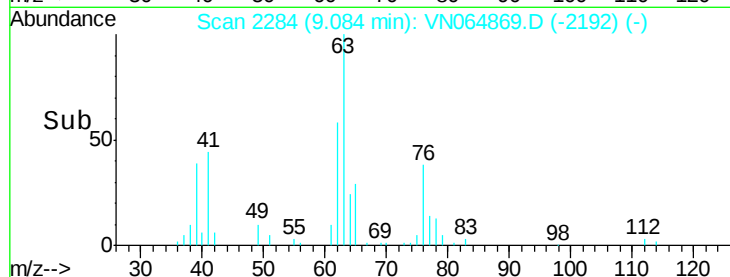
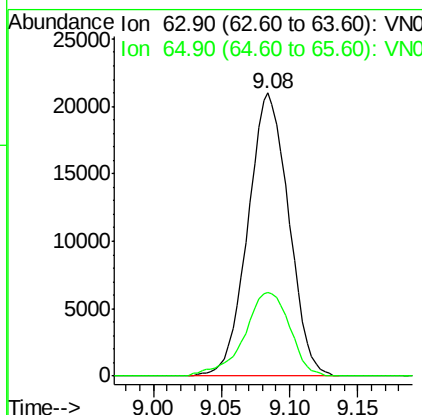
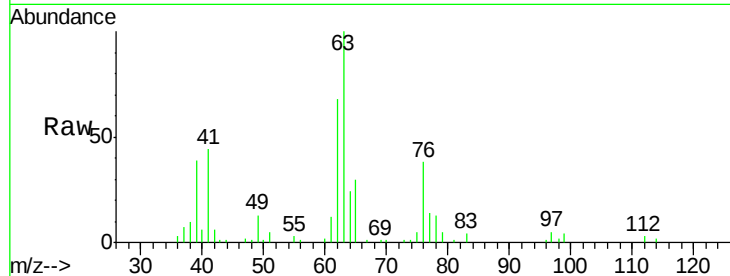




#45
 1,2-Dichloropropane
 Concen: 18.352 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

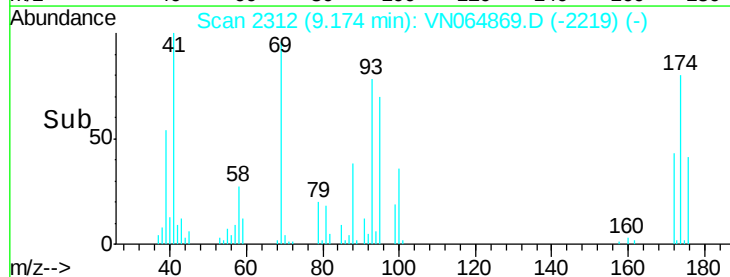
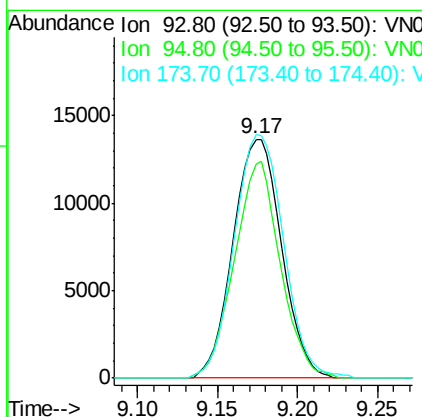
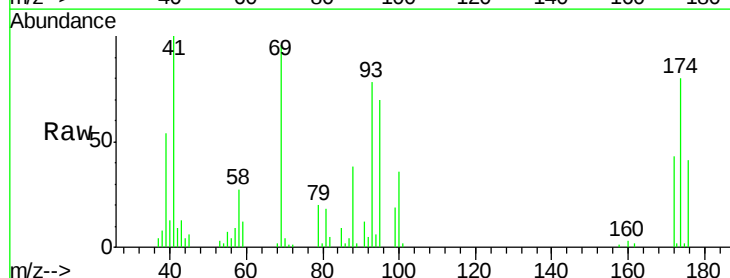
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

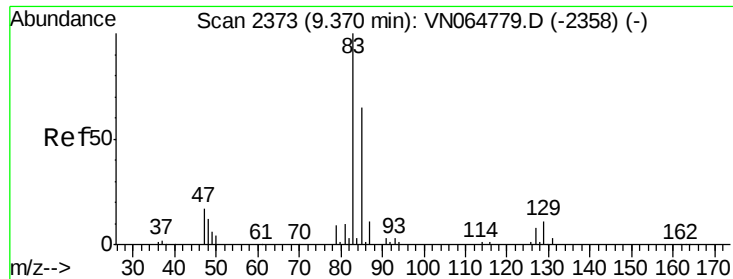
Tot Ion: 63 Resp: 43497
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.4



#46
 Dibromomethane
 Concen: 17.832 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 93 Resp: 28235
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.8 103.2
 174 104.3 83.1 124.7





#47

Bromodichloromethane

Concen: 17.983 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

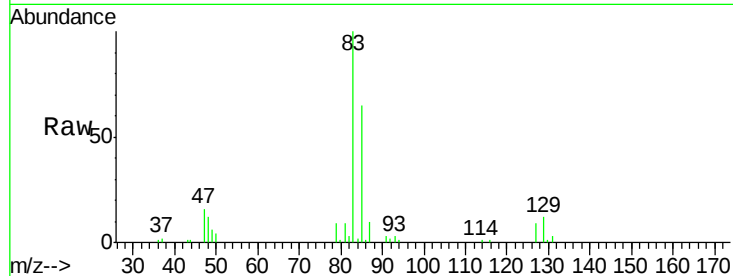
Tot Ion: 83 Resp: 57295

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8

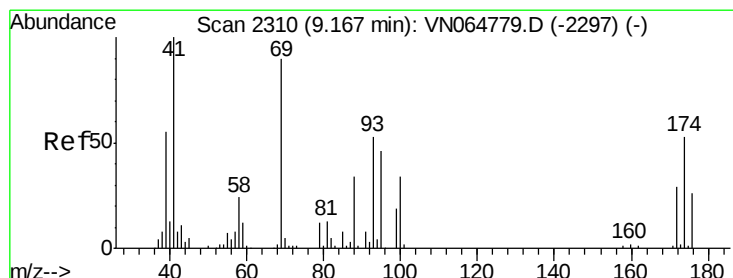
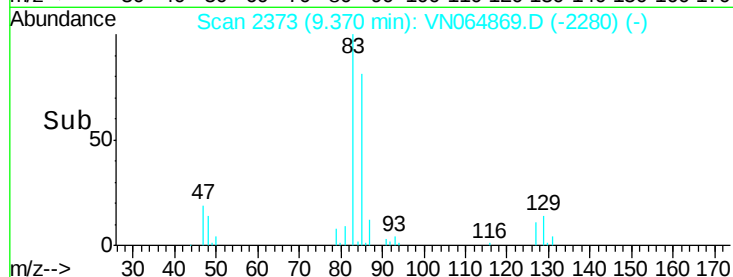
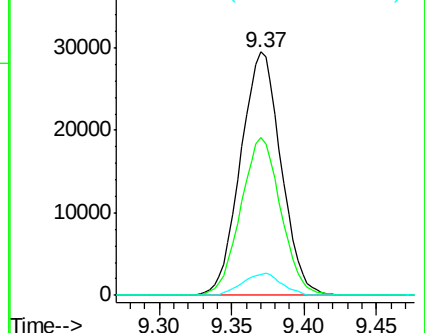
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064869.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064869.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064869.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.059 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

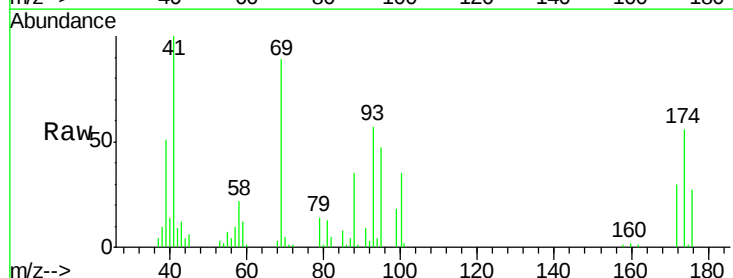
Tgt Ion: 41 Resp: 37736

Ion Ratio Lower Upper

41 100

69 93.8 71.8 107.8

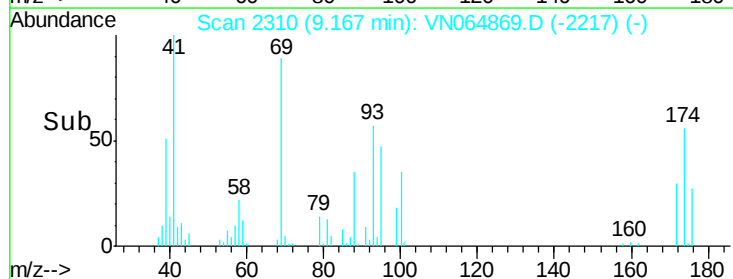
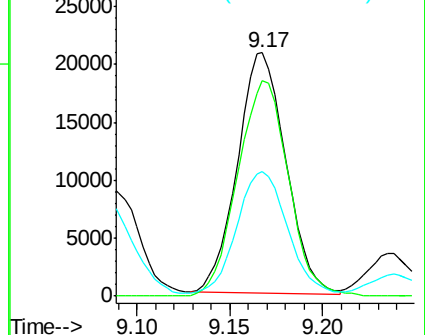
39 55.2 44.1 66.1

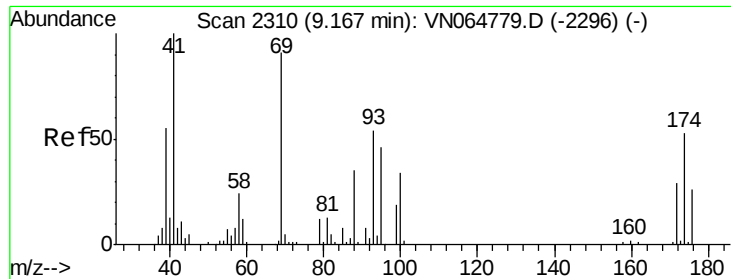


Abundance Ion 41.00 (40.70 to 41.70): VN064869.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064869.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064869.D (-2217) (-)

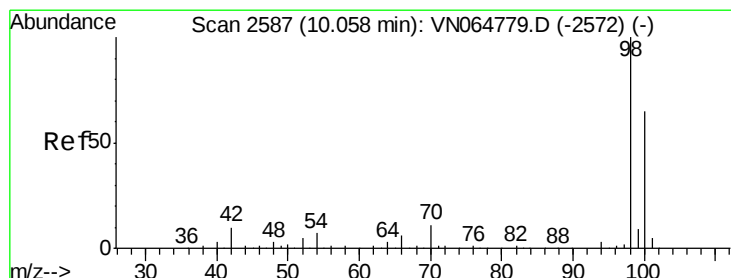
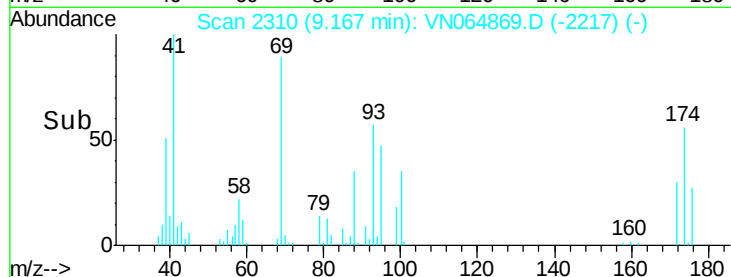
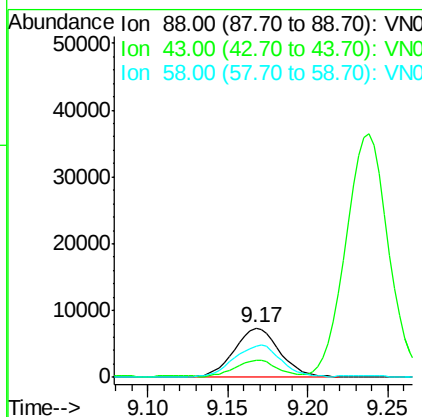
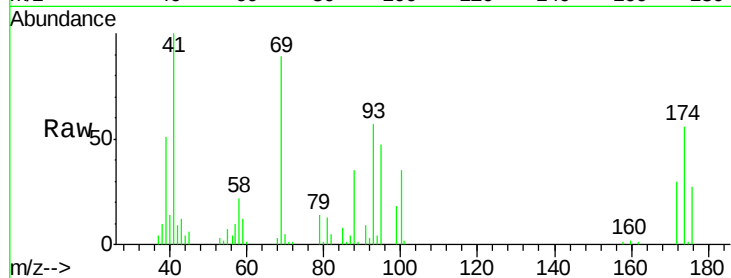




#49
 1,4-Dioxane
 Concen: 345.235 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

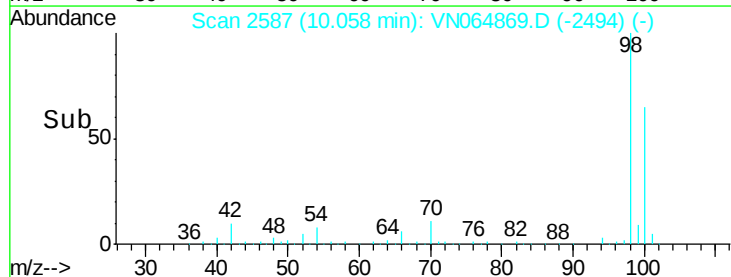
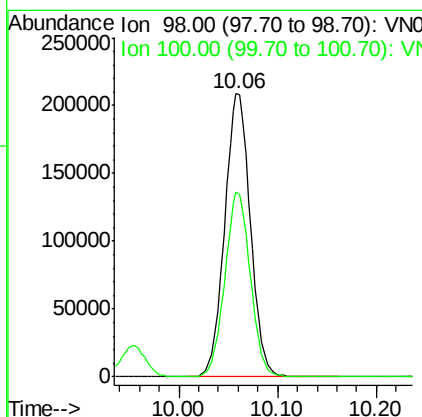
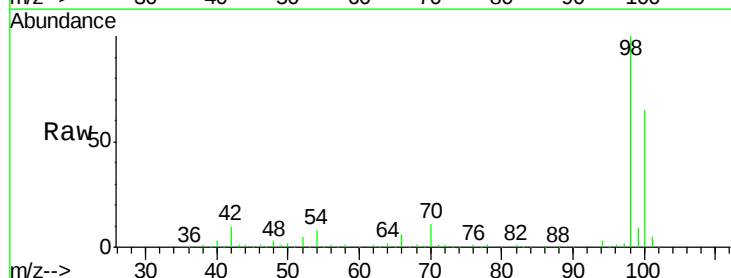
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion: 88 Resp: 14434
 Ion Ratio Lower Upper
 88 100
 43 33.3 24.2 36.4
 58 68.1 52.5 78.7



#50
 Toluene-d8
 Concen: 48.358 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 98 Resp: 380960
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 90.983 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

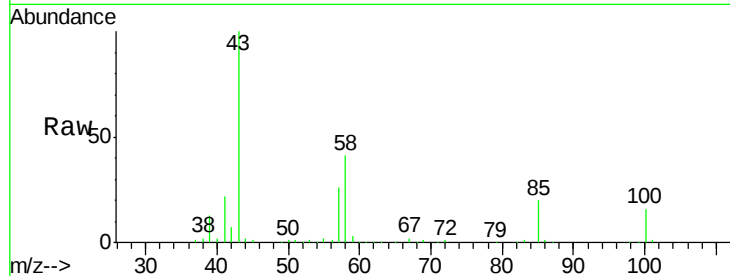
VN1130WBS01

Tot Ion: 43 Resp: 252866

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

150000

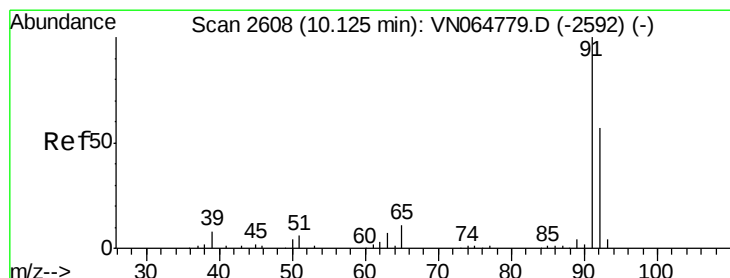
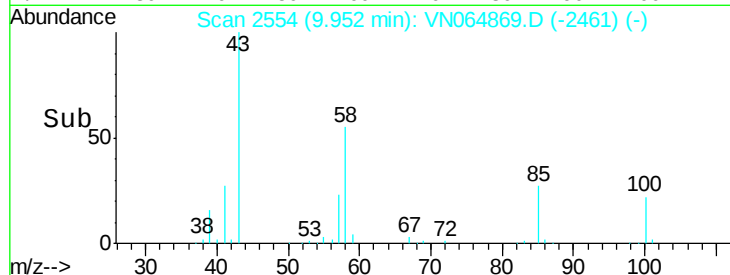
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 17.851 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064869.D

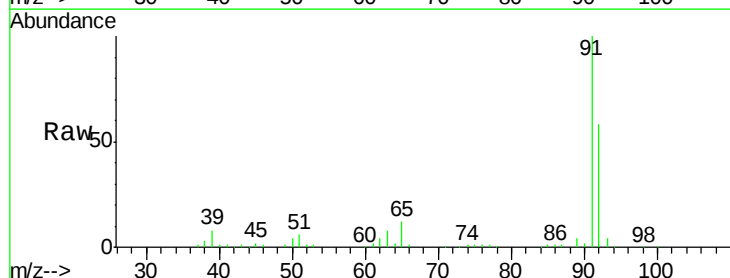
Acq: 30 Nov 2020 13:44

Tgt Ion: 92 Resp: 100614

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.13

100000

80000

60000

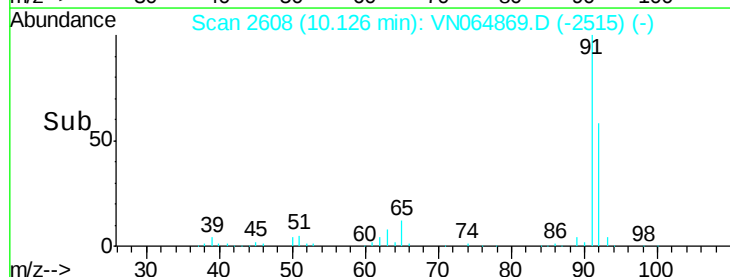
40000

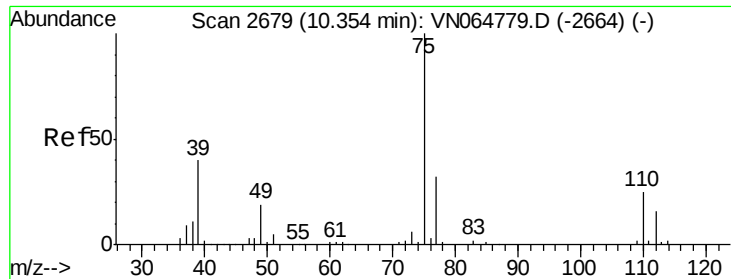
20000

0

10.05 10.10 10.15 10.20

Time-->

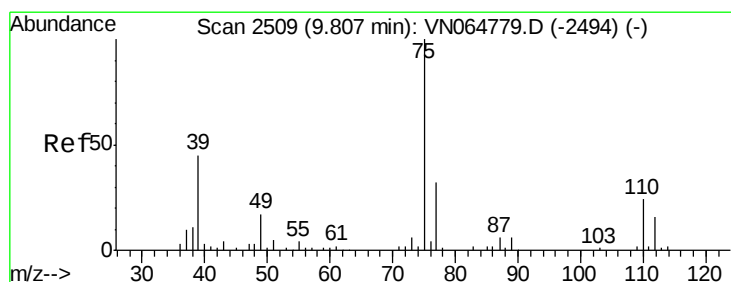
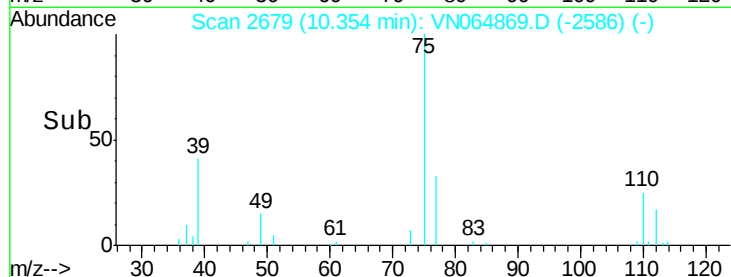
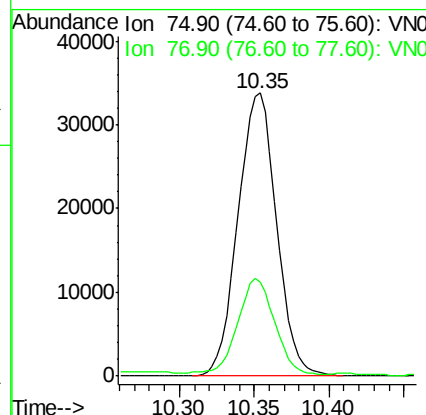
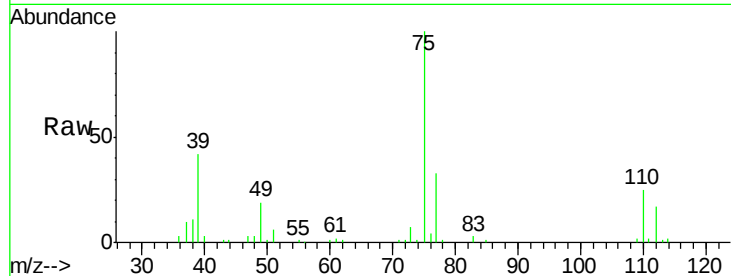




#53
 t-1,3-Dichloropropene
 Concen: 17.108 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

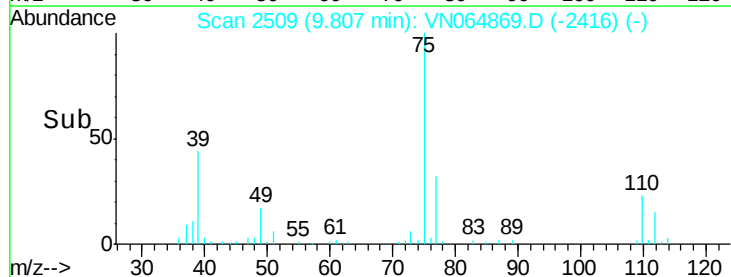
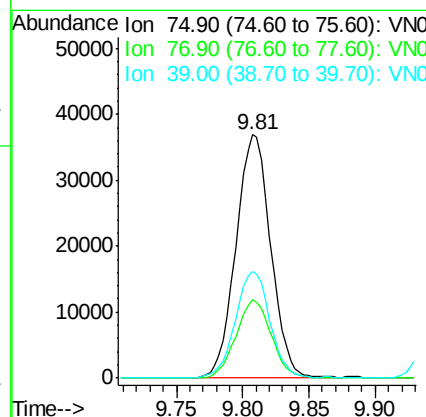
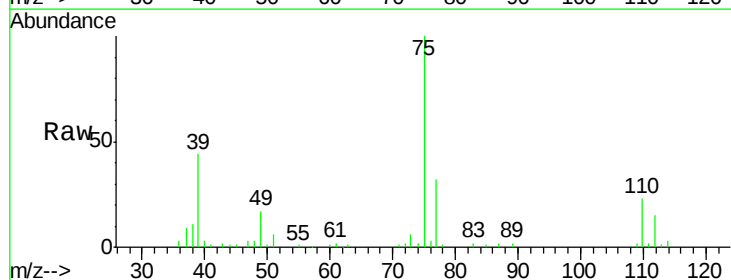
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

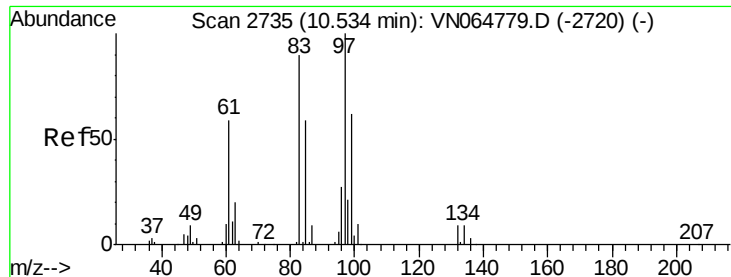
Tot Ion: 75 Resp: 60710
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.725 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 75 Resp: 67417
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 43.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 17.810 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tot Ion: 97 Resp: 41278

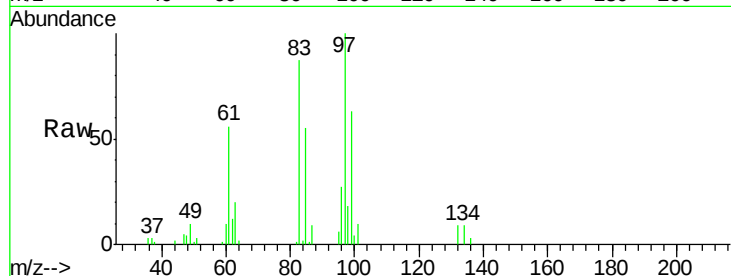
Ion Ratio Lower Upper

97 100

83 87.5 72.1 108.1

85 55.5 46.8 70.2

99 63.2 49.6 74.4

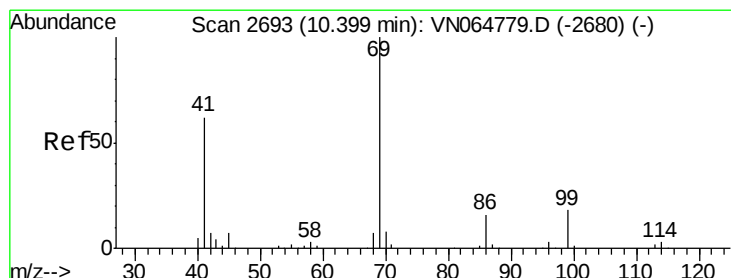
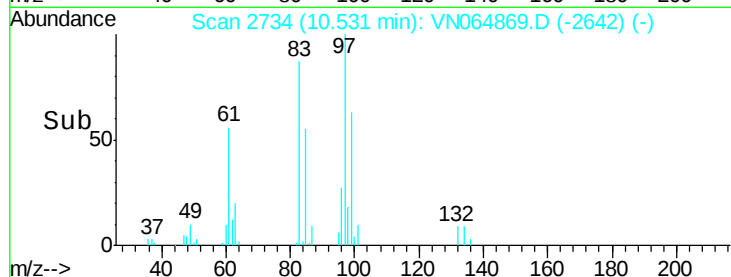
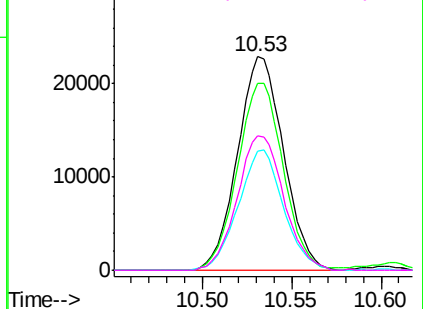


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.879 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

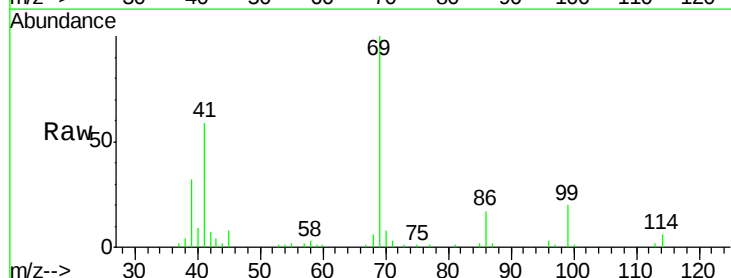
Tgt Ion: 69 Resp: 57183

Ion Ratio Lower Upper

69 100

41 62.0 49.4 74.0

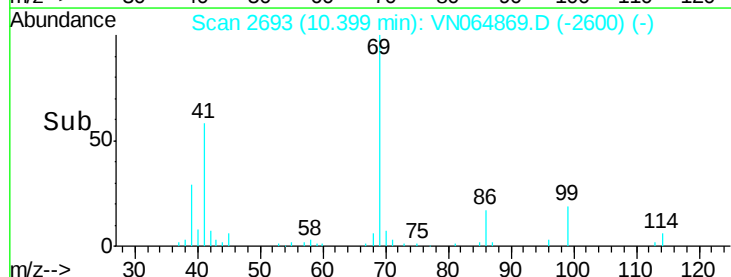
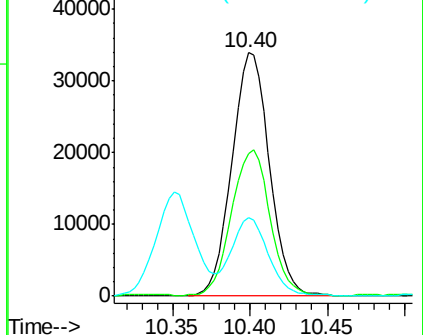
39 32.5 25.9 38.9

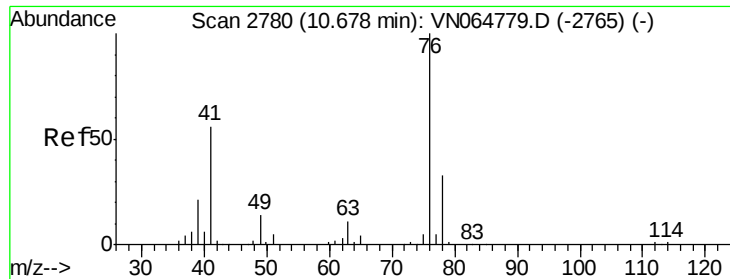


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

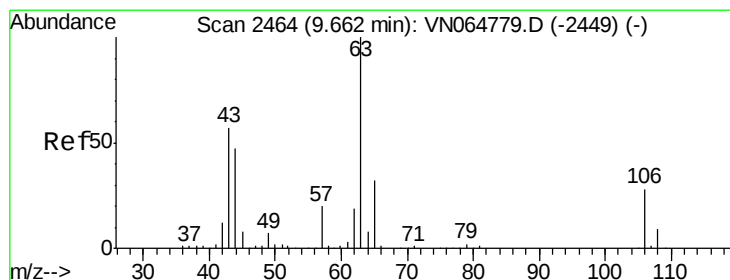
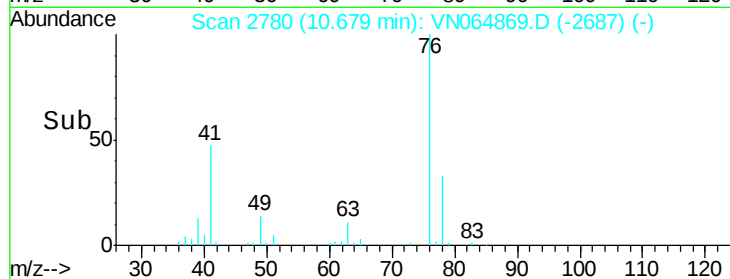
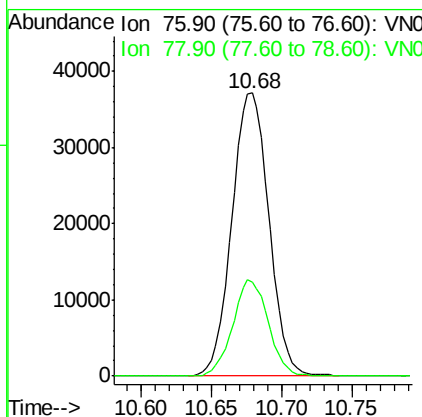
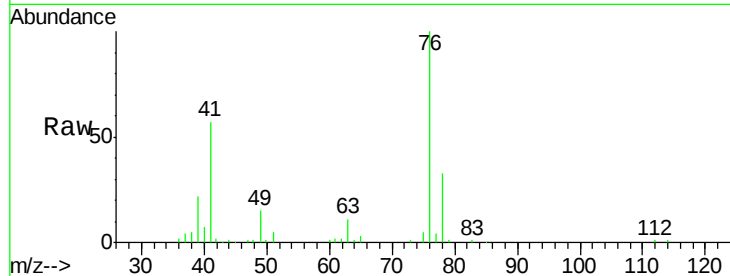




#57
 1,3-Dichloropropane
 Concen: 17.884 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

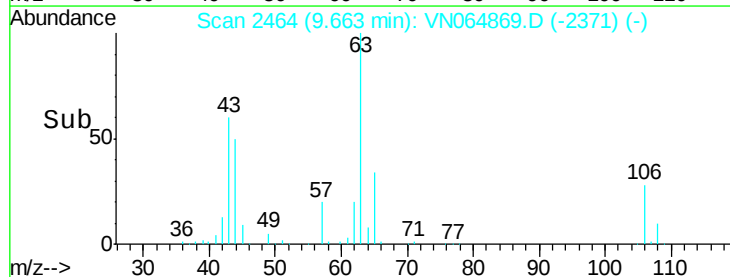
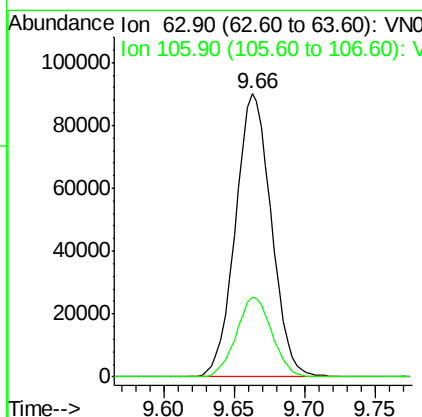
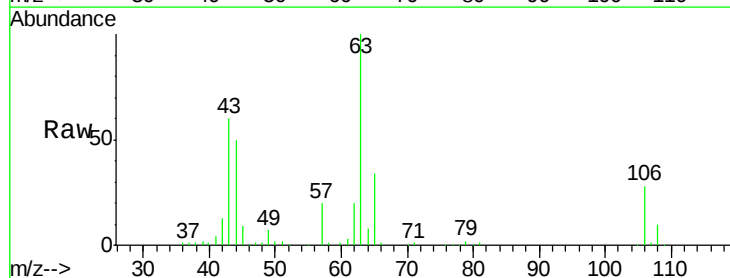
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

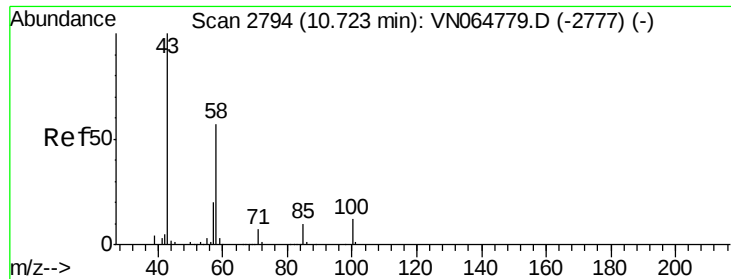
Tot Ion: 76 Resp: 68375
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.151 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 63 Resp: 160363
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

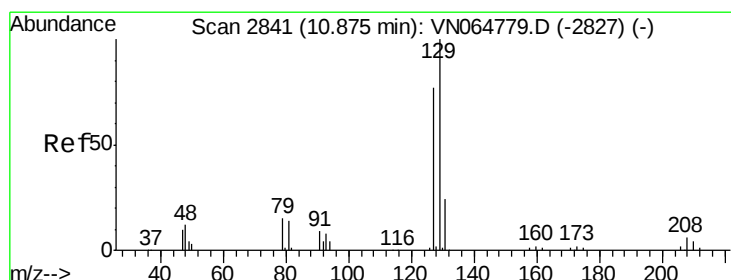
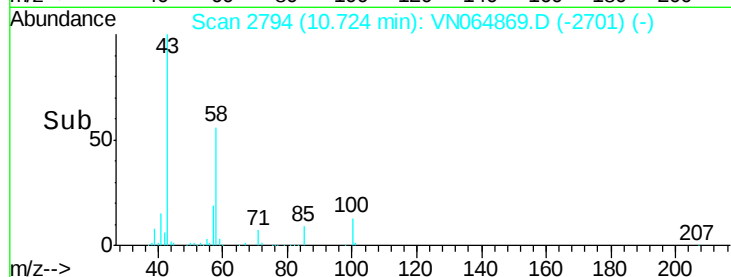
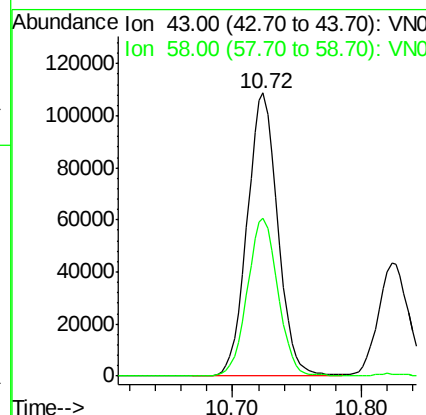
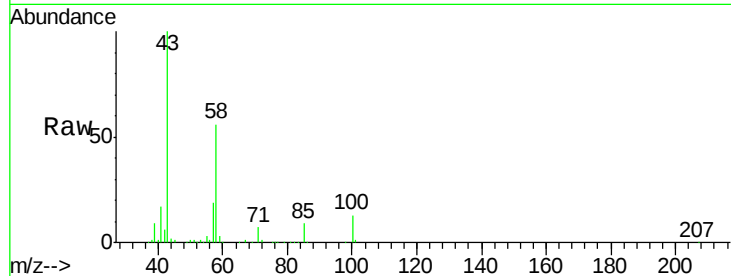




#59
2-Hexanone
Concen: 89.908 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

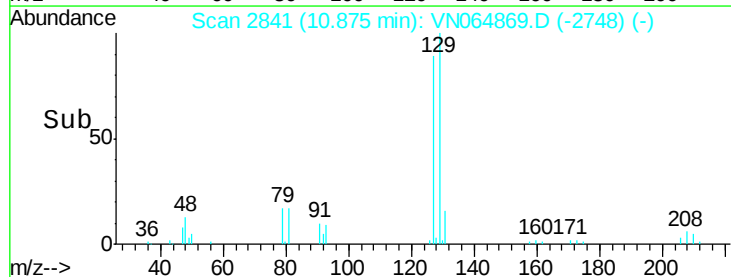
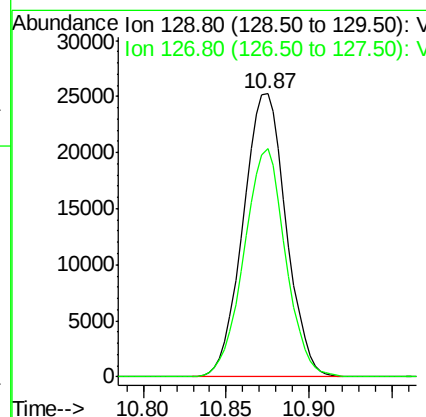
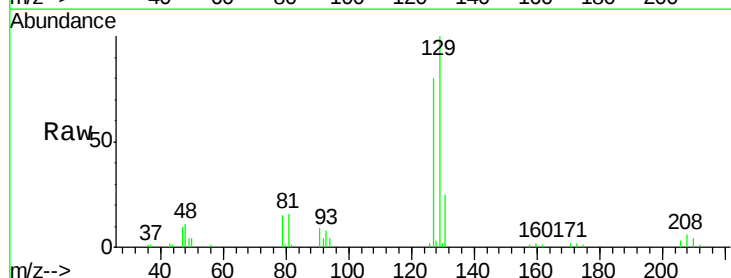
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion: 43 Resp: 179833
Ion Ratio Lower Upper
43 100
58 55.9 28.3 84.9



#60
Dibromochloromethane
Concen: 17.651 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 129 Resp: 45474
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.090 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

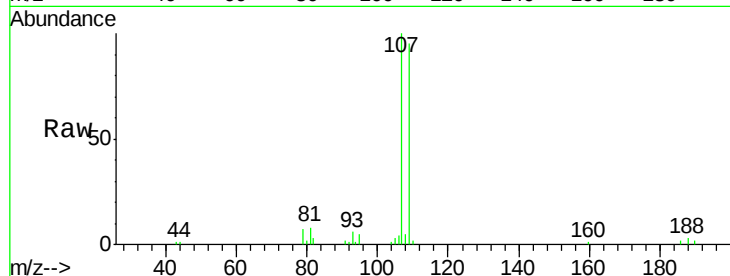
VN1130WBS01

Tot Ion:107 Resp: 42597

Ion Ratio Lower Upper

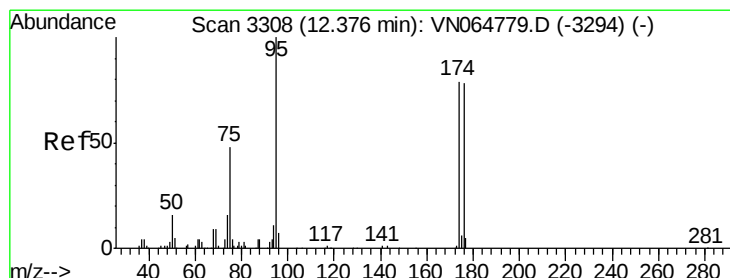
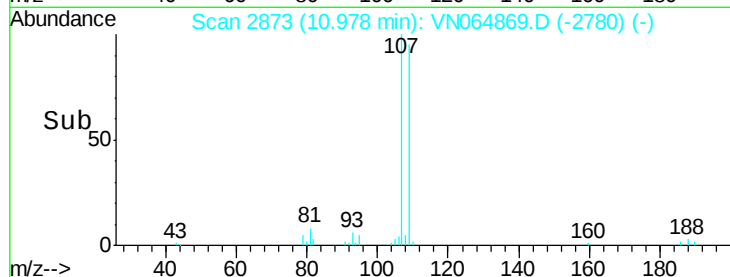
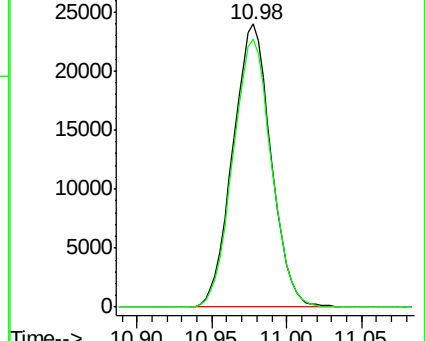
107 100

109 95.3 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: 47.827 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

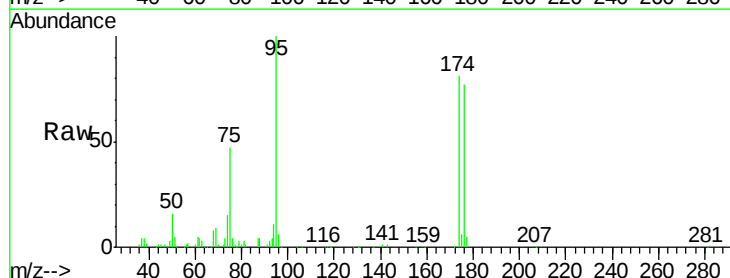
Tgt Ion: 95 Resp: 134842

Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.4

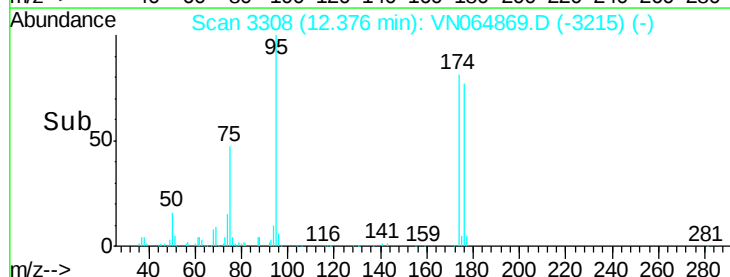
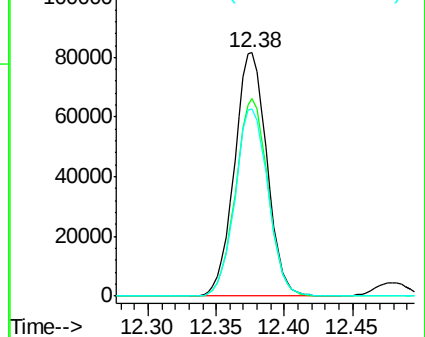
176 78.2 0.0 158.4

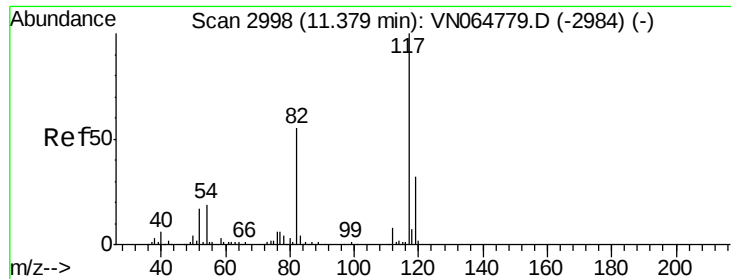


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

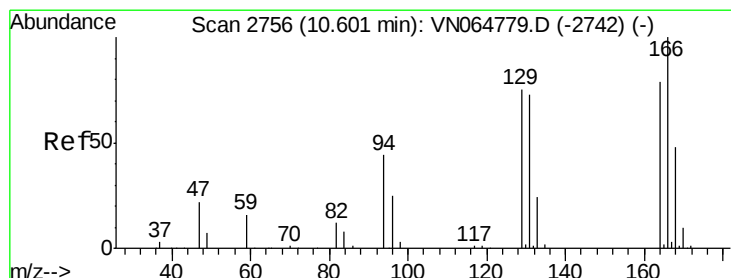
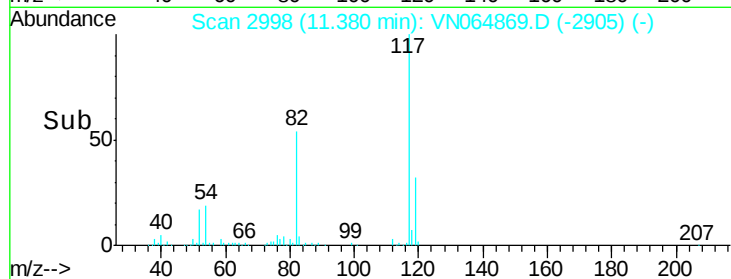
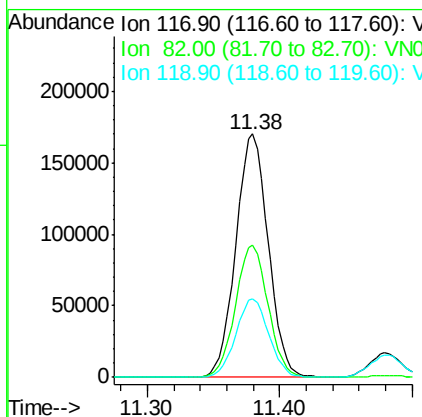
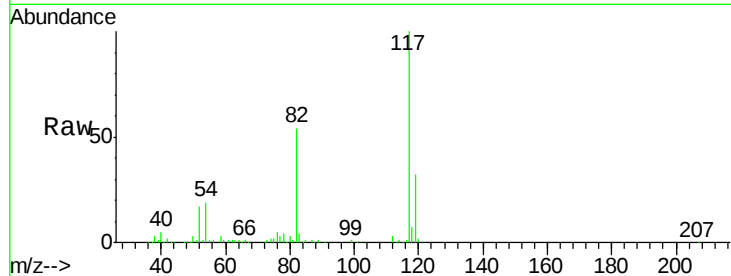




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

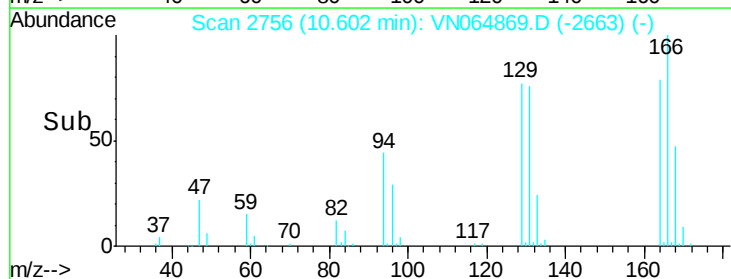
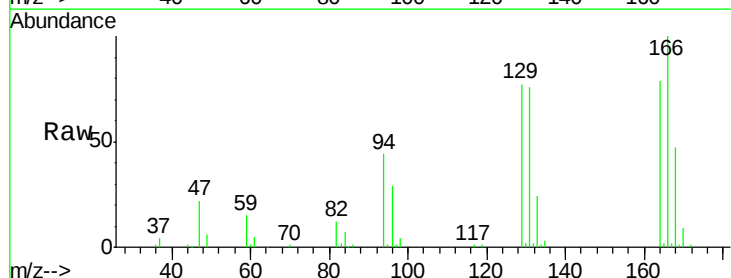
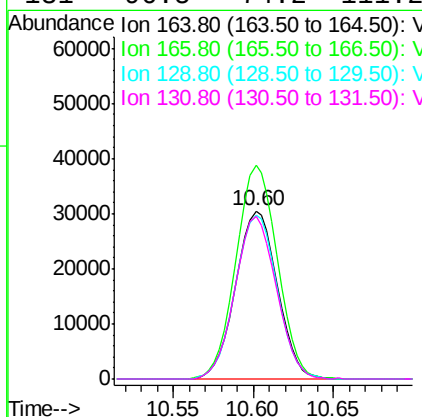
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

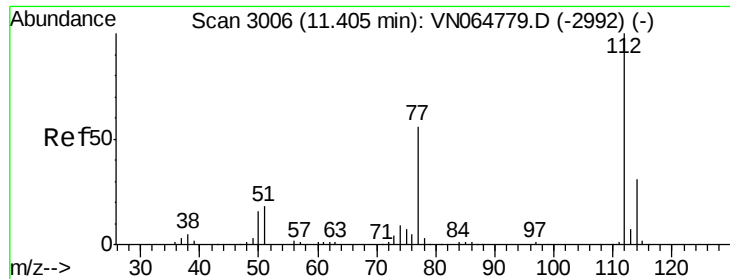
Tot Ion:117 Resp: 289223
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.249 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:164 Resp: 54164
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 97.5 76.1 114.1
131 96.5 74.2 111.2





#65

Chlorobenzene

Concen: 18.206 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

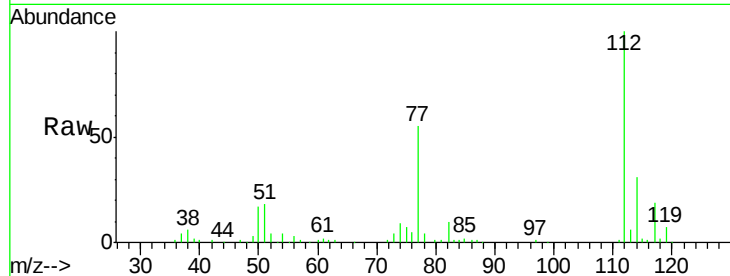
VN1130WBS01

Tot Ion:112 Resp: 113077

Ion Ratio Lower Upper

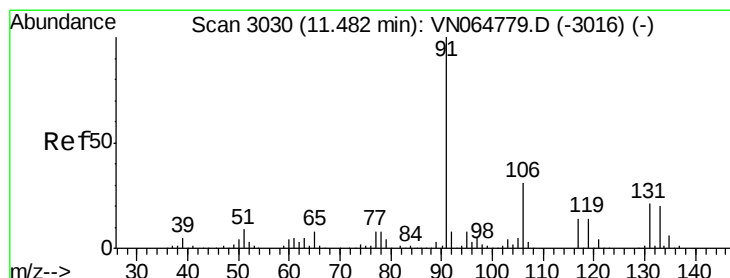
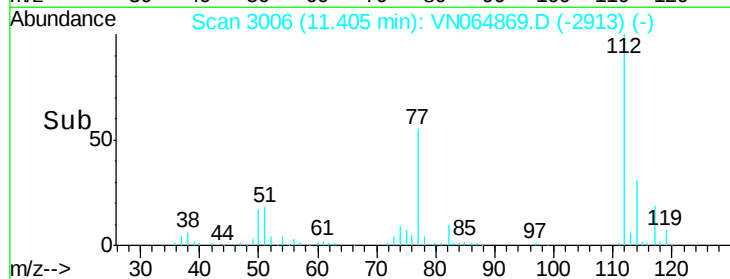
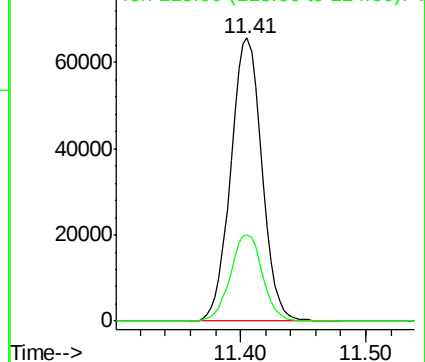
112 100

114 30.7 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.146 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

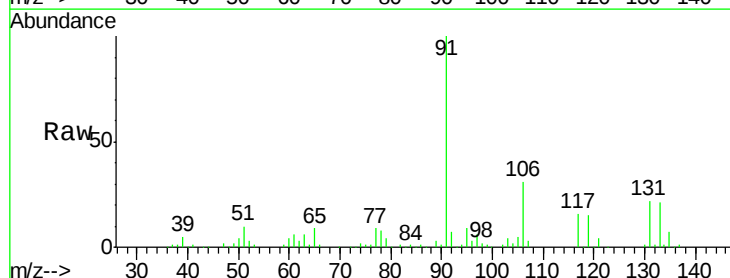
Tgt Ion:131 Resp: 41419

Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.5

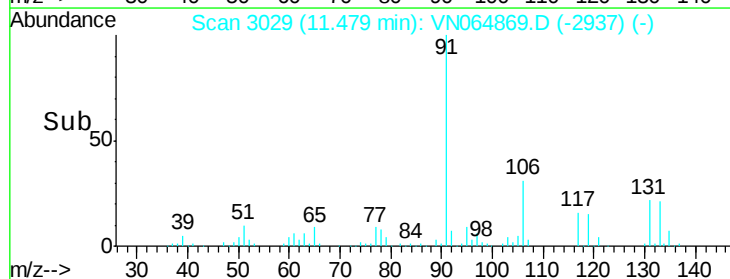
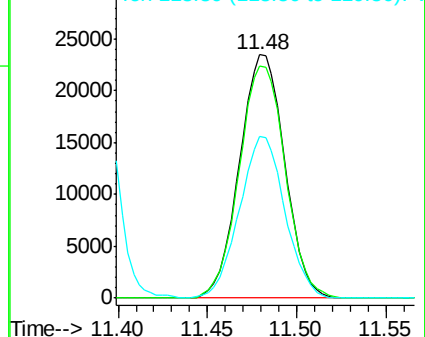
119 66.8 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

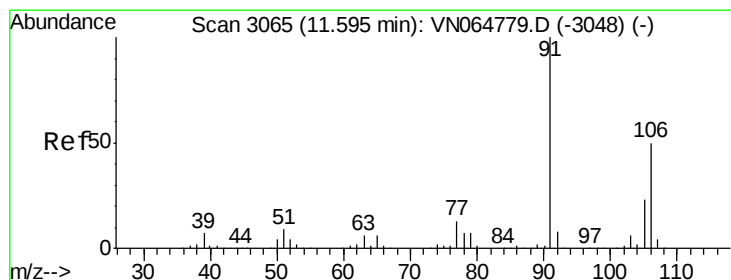
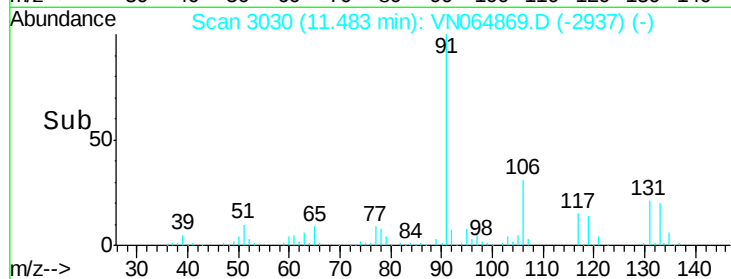
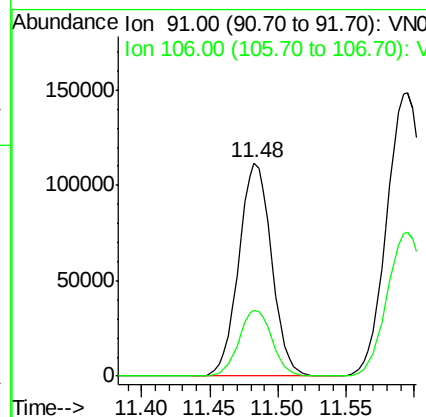
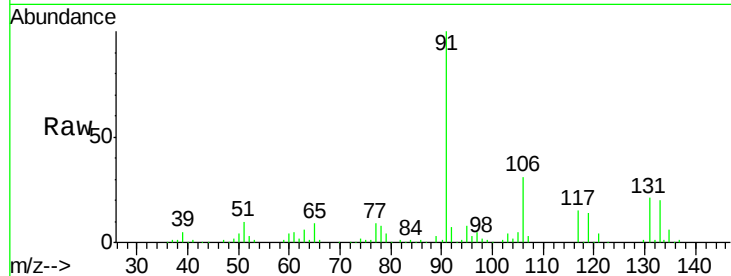




#67
Ethyl Benzene
Concen: 18.017 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

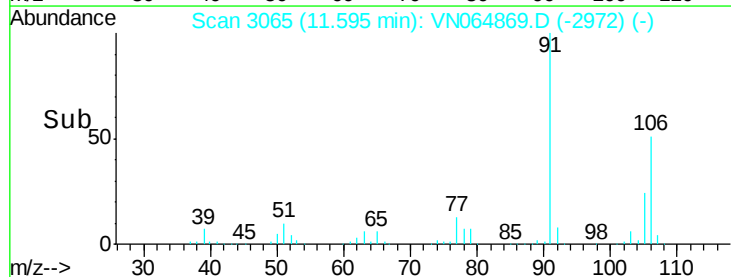
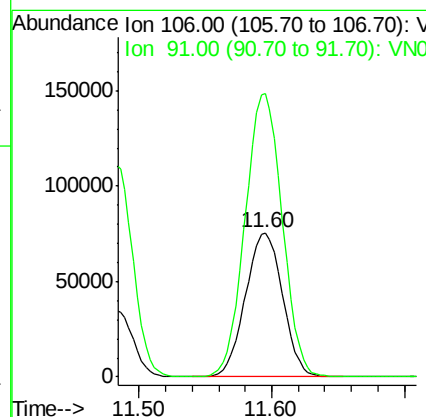
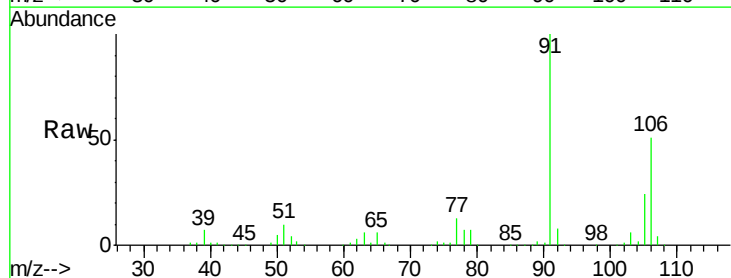
Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

Tot Ion: 91 Resp: 186941
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 37.456 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 106 Resp: 147142
Ion Ratio Lower Upper
106 100
91 195.6 161.0 241.4

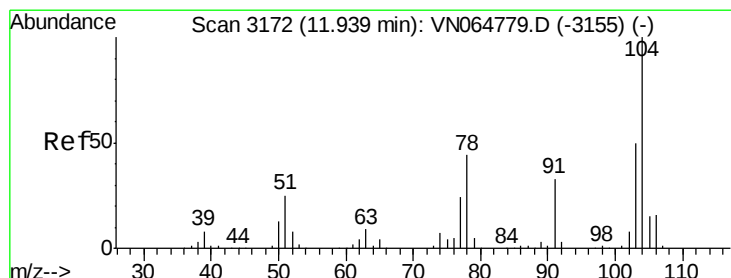
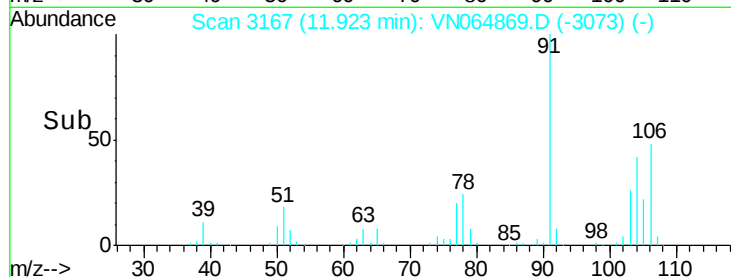
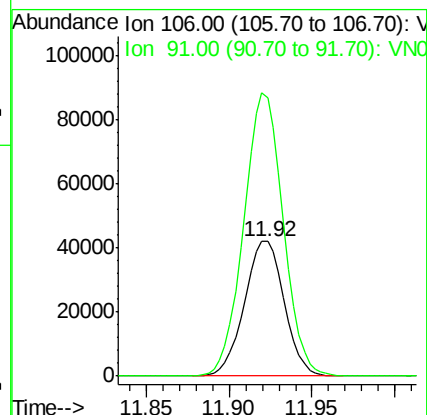
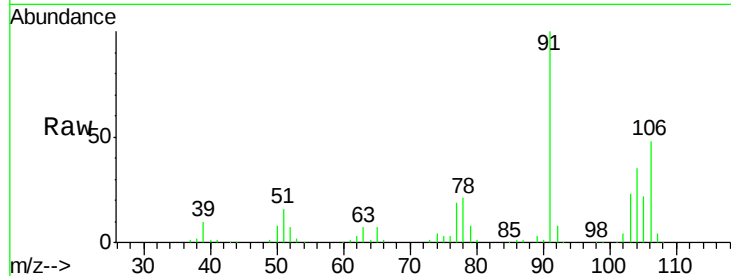




#69
o-Xylene
Concen: 18.807 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

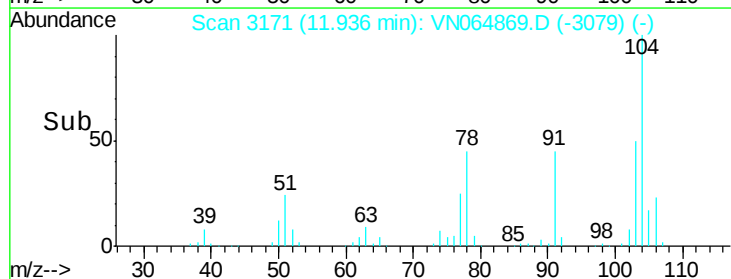
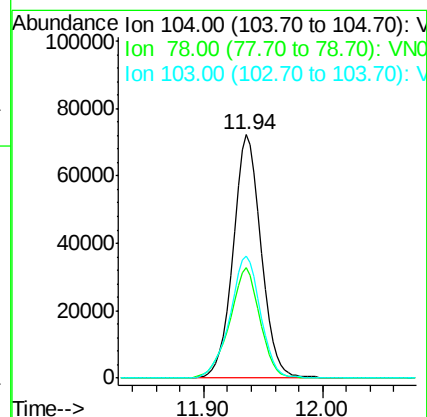
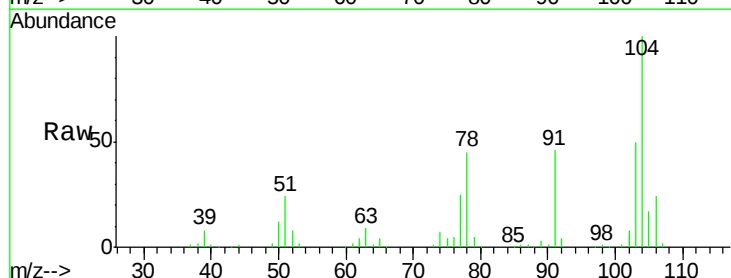
Instrument :
MSVOA_N
ClientSampled :
VN1130WBS01

Tot Ion:106 Resp: 70110
Ion Ratio Lower Upper
106 100
91 208.4 105.5 316.5



#70
Styrene
Concen: 18.694 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:104 Resp: 117644
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 54.6 44.3 66.5





#71

Bromoform

Concen: 17.448 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

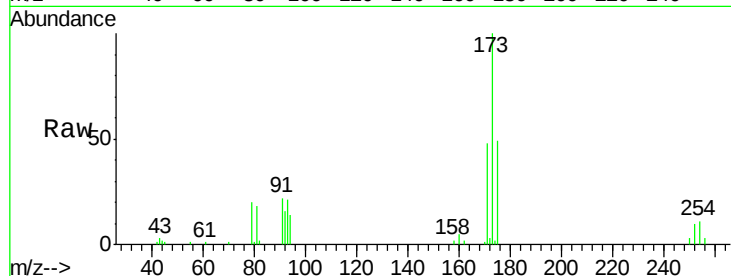
Tot Ion:173 Resp: 31809

Ion Ratio Lower Upper

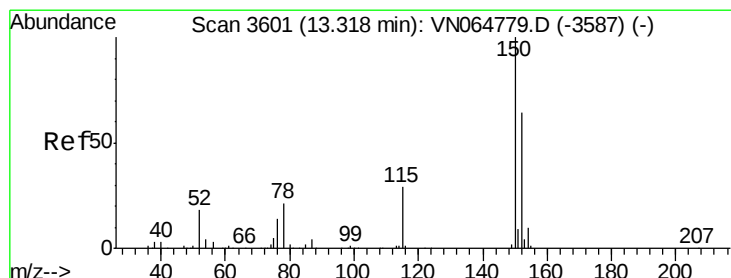
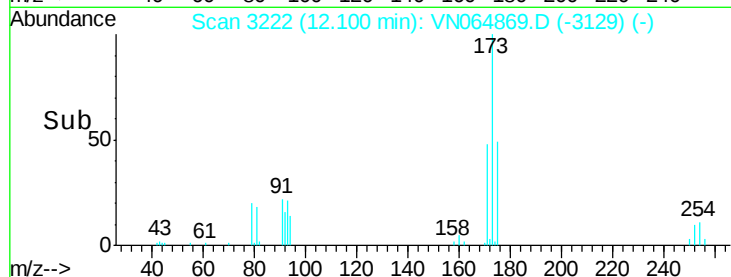
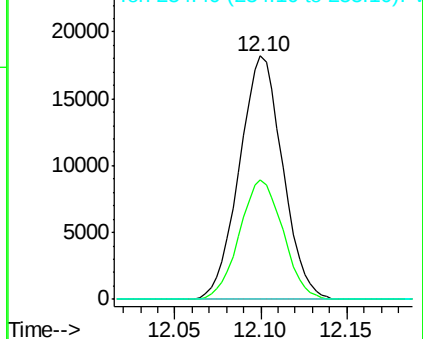
173 100

175 49.3 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: VN064869.D

Acq: 30 Nov 2020 13:44

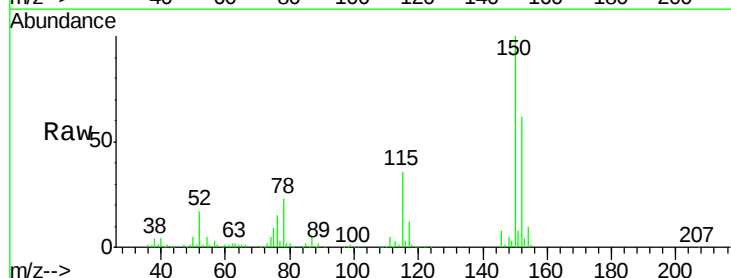
Tgt Ion:152 Resp: 139995

Ion Ratio Lower Upper

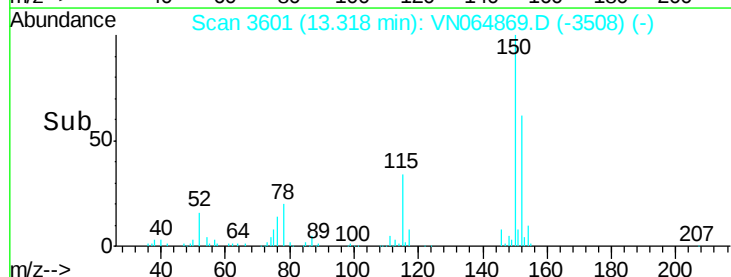
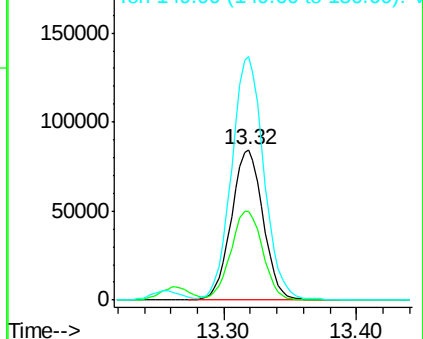
152 100

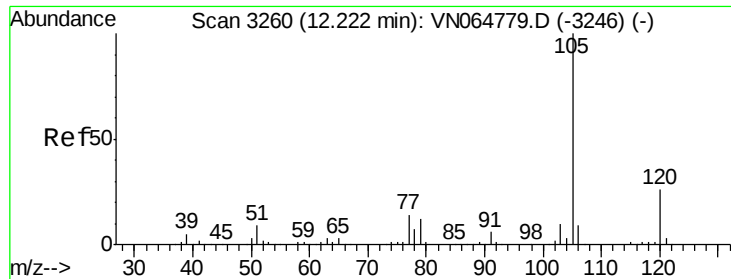
115 59.9 29.7 89.1

150 164.5 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: 18.820 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

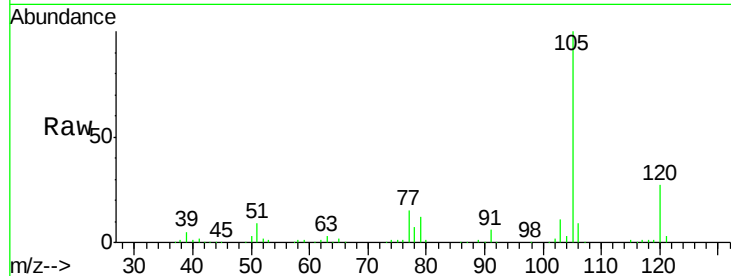
VN1130WBS01

Tot Ion:105 Resp: 183265

Ion Ratio Lower Upper

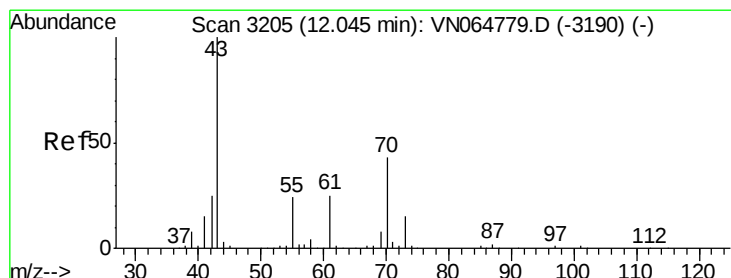
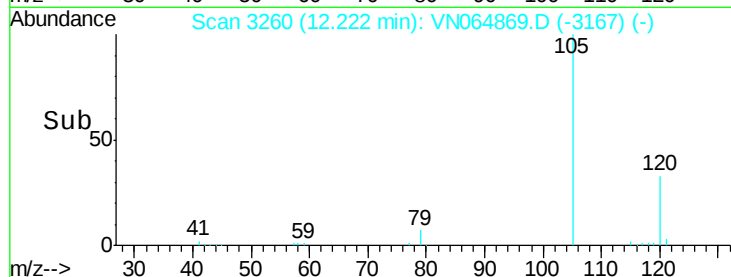
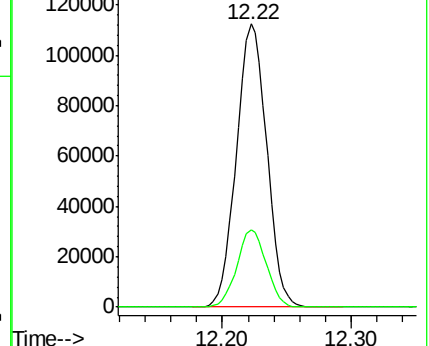
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.567 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Tgt Ion: 43 Resp: 67317

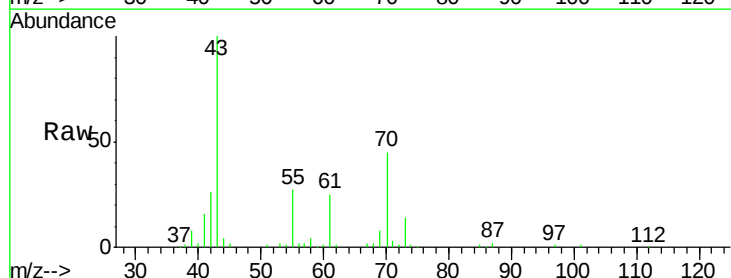
Ion Ratio Lower Upper

43 100

70 44.6 34.5 51.7

55 27.1 20.4 30.6

61 24.8 20.0 30.0

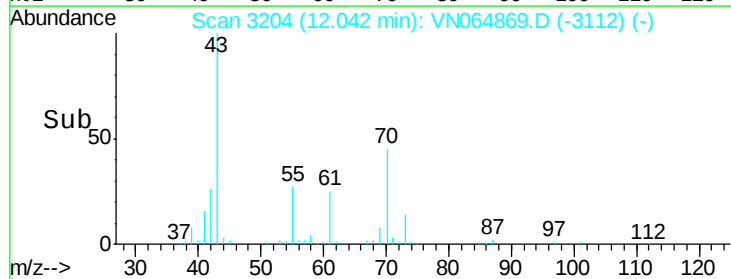
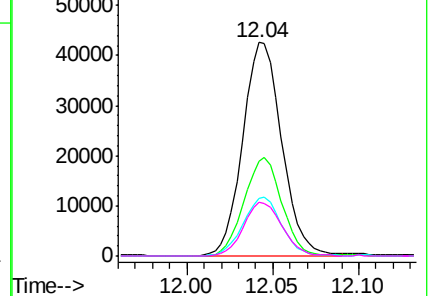


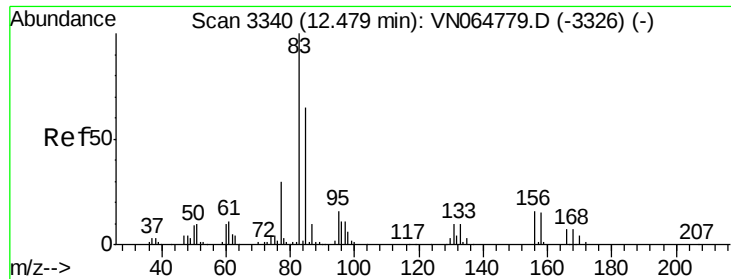
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.155 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

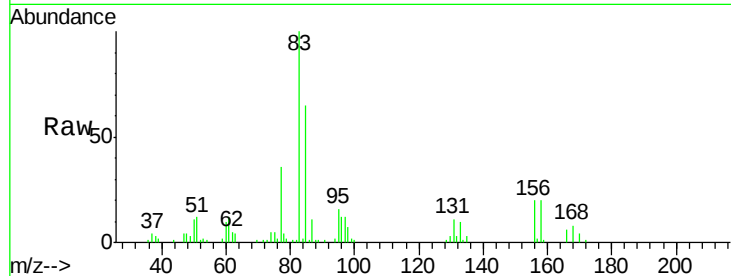
Tot Ion: 83 Resp: 48963

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

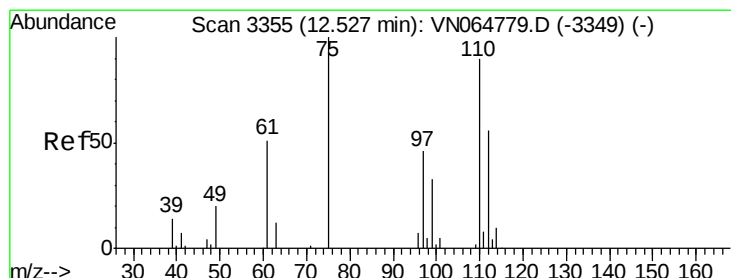
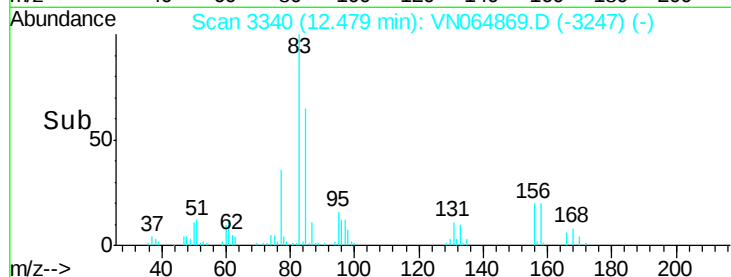
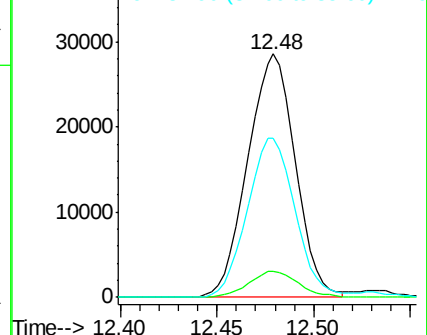
85 65.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.887 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064869.D

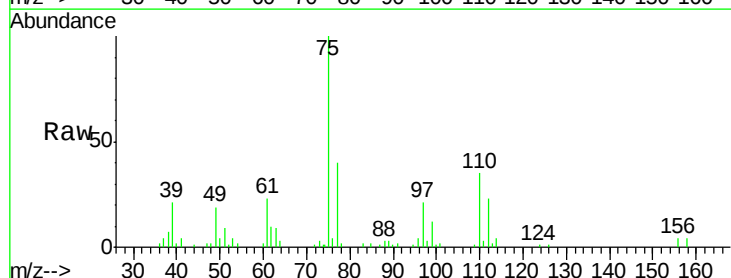
Acq: 30 Nov 2020 13:44

Tgt Ion: 75 Resp: 75032

Ion Ratio Lower Upper

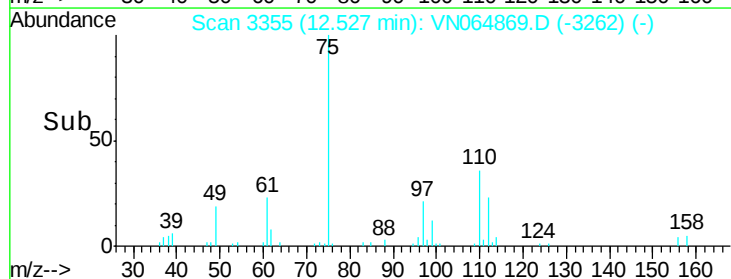
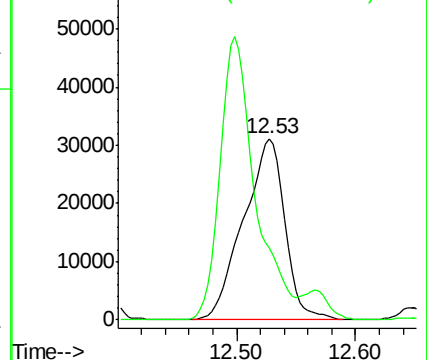
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.260 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

VN1130WBS01

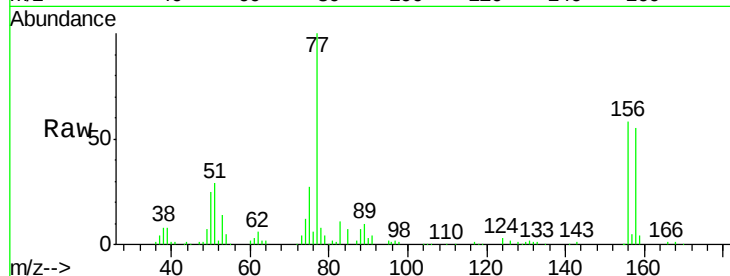
Tot Ion:156 Resp: 47936

Ion Ratio Lower Upper

156 100

77 207.1 101.3 303.7

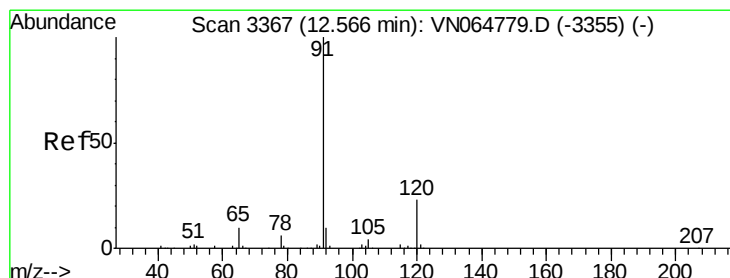
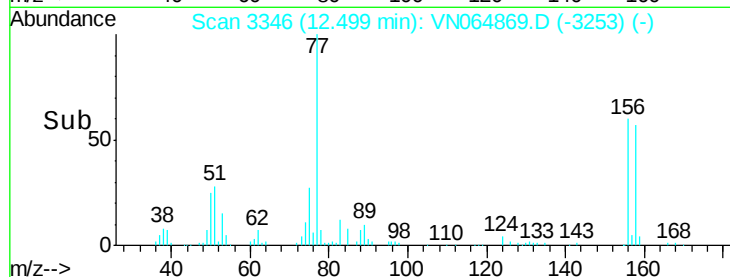
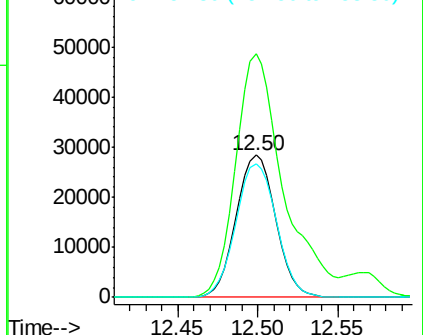
158 96.5 48.2 144.6



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: 18.700 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064869.D

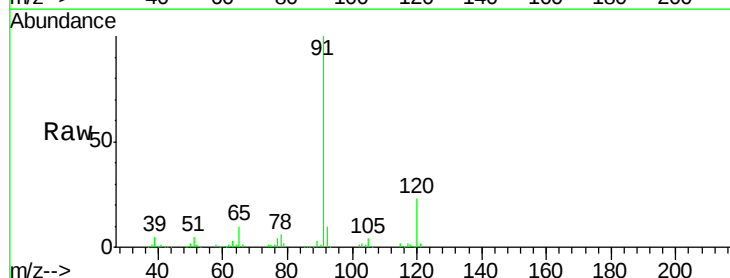
Acq: 30 Nov 2020 13:44

Tgt Ion: 91 Resp: 207438

Ion Ratio Lower Upper

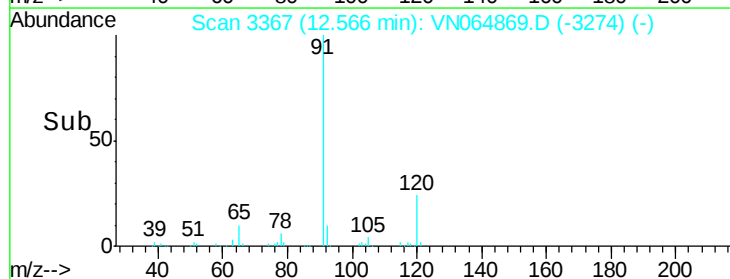
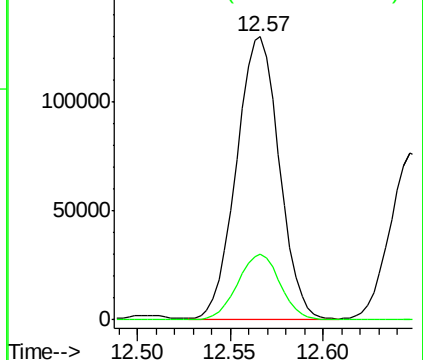
91 100

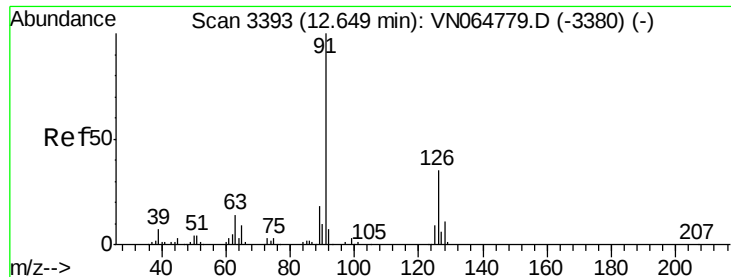
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.368 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

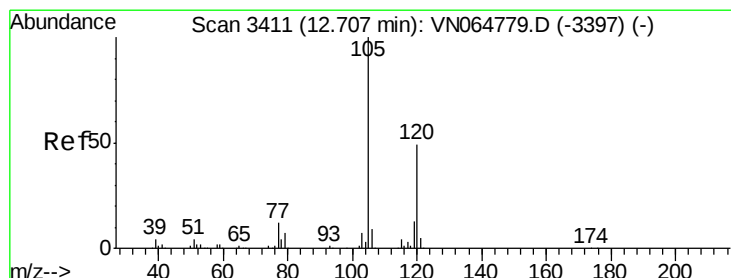
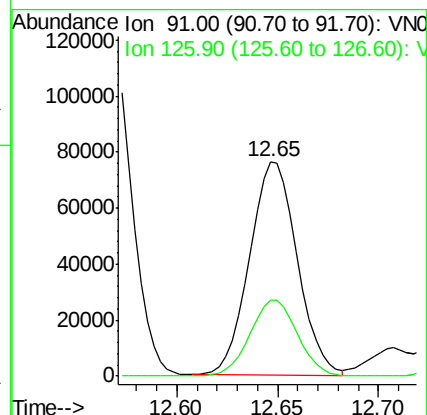
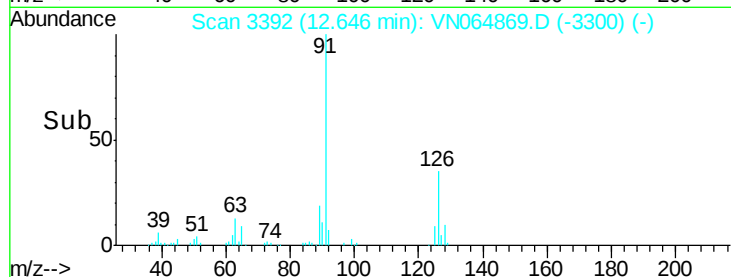
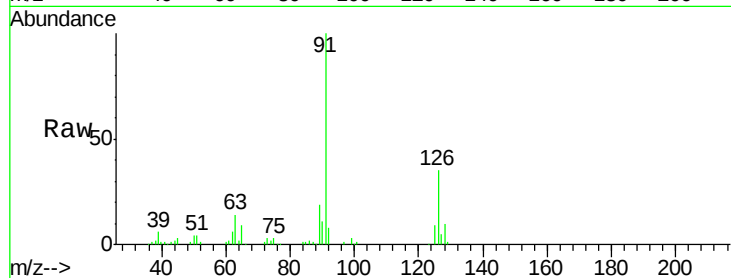
VN1130WBS01

Tot Ion: 91 Resp: 125949

Ion Ratio Lower Upper

91 100

126 35.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.241 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064869.D

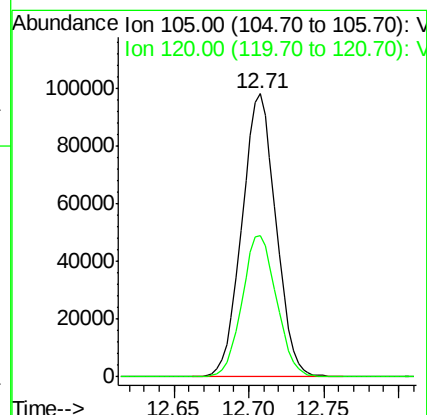
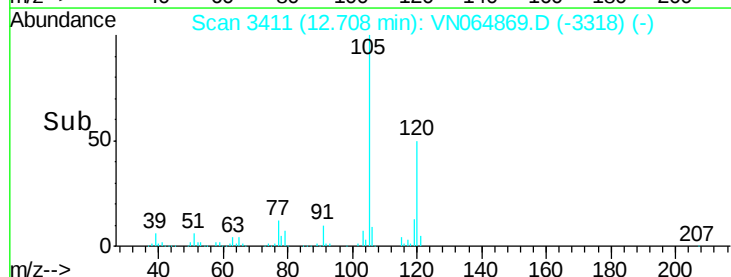
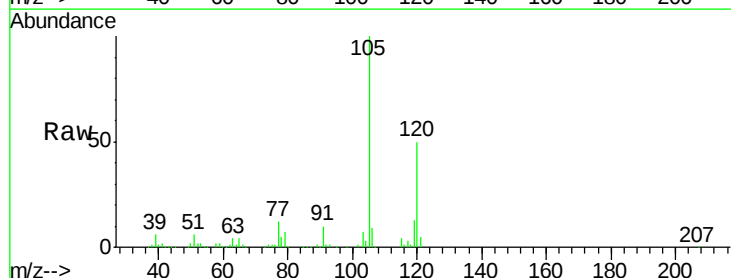
Acq: 30 Nov 2020 13:44

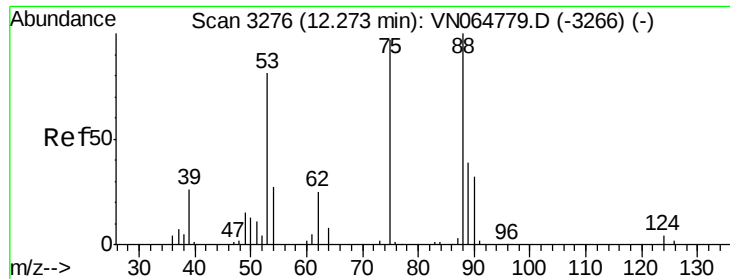
Tgt Ion: 105 Resp: 155731

Ion Ratio Lower Upper

105 100

120 50.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.778 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

VN1130WBS01

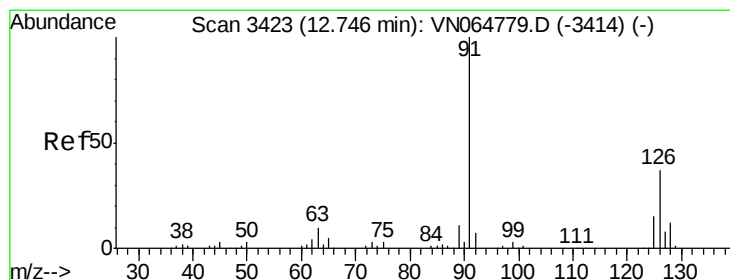
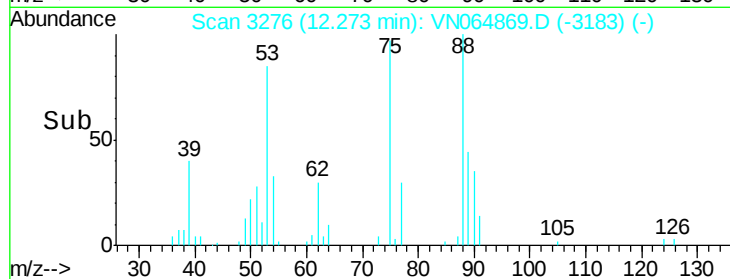
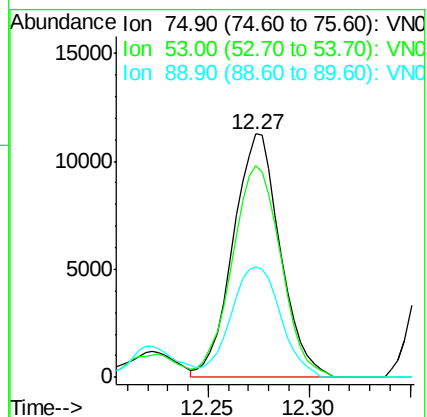
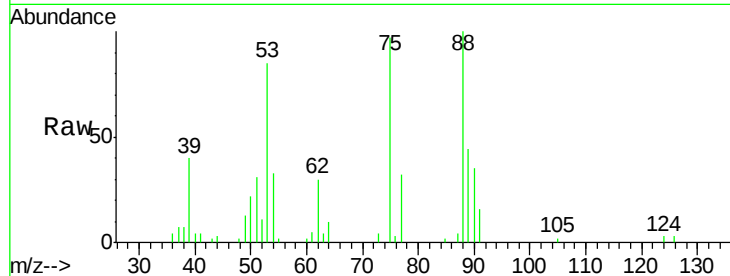
Tot Ion: 75 Resp: 18456

Ion Ratio Lower Upper

75 100

53 90.5 67.0 100.4

89 48.1 39.6 59.4



#82

4-Chlorotoluene

Concen: 18.068 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064869.D

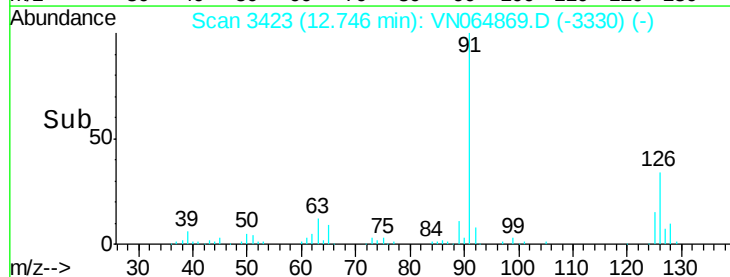
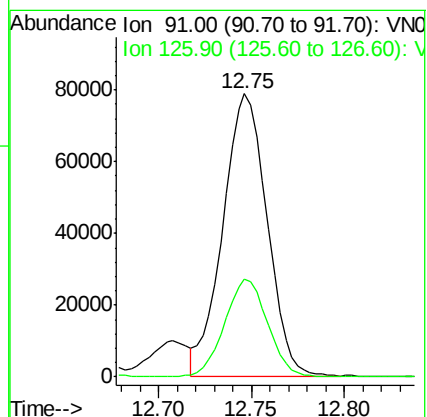
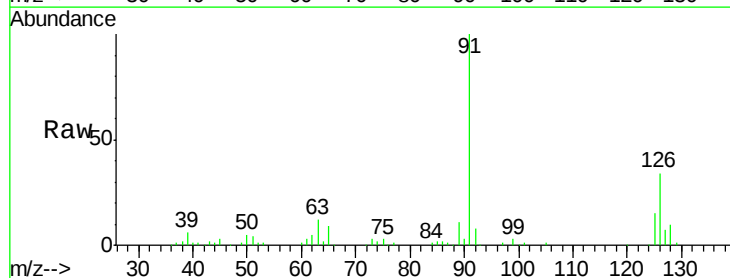
Acq: 30 Nov 2020 13:44

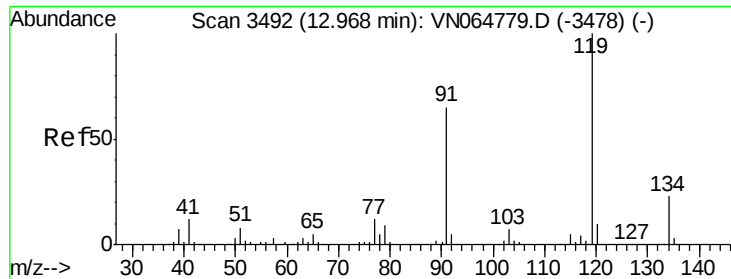
Tgt Ion: 91 Resp: 129868

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7

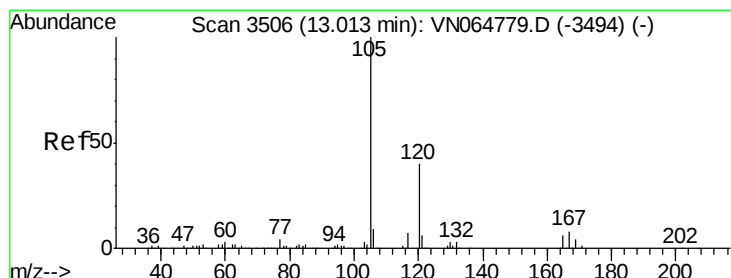
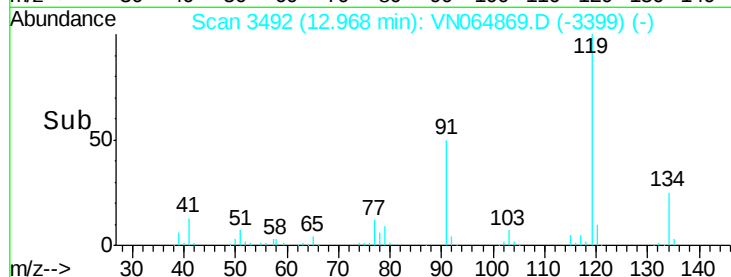
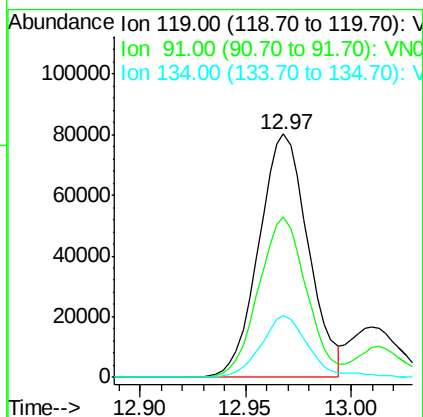
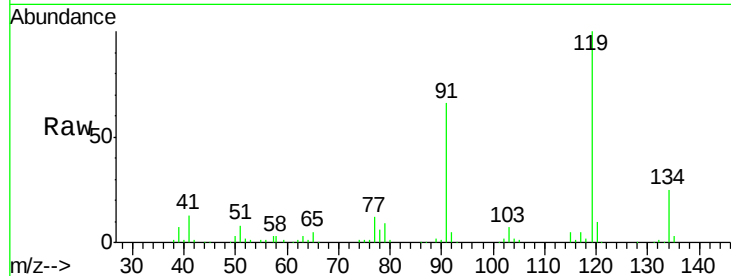




#83
 tert-Butylbenzene
 Concen: 19.236 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

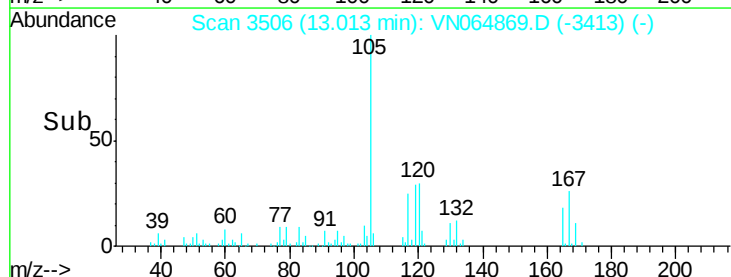
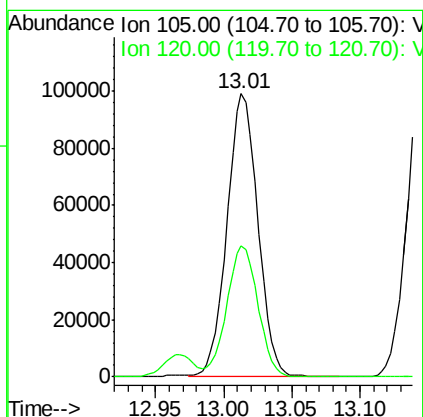
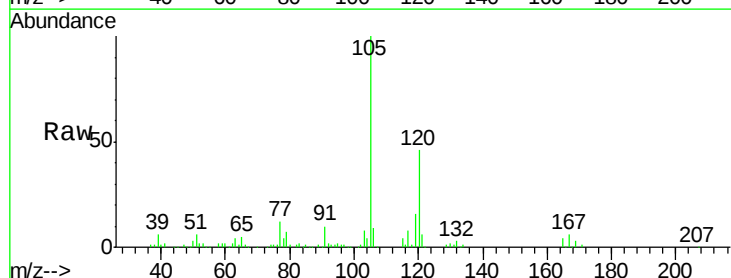
Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBS01

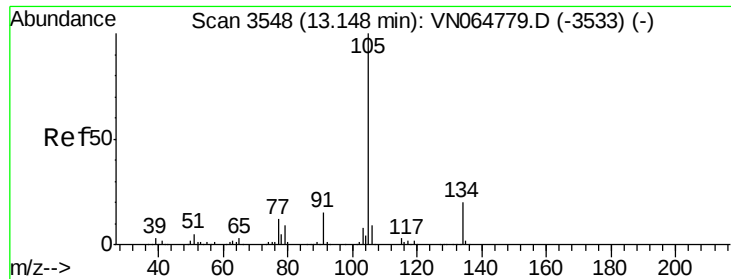
Tot Ion:119 Resp: 130499
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.3 96.8
 134 24.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.936 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion:105 Resp: 154964
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.383 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

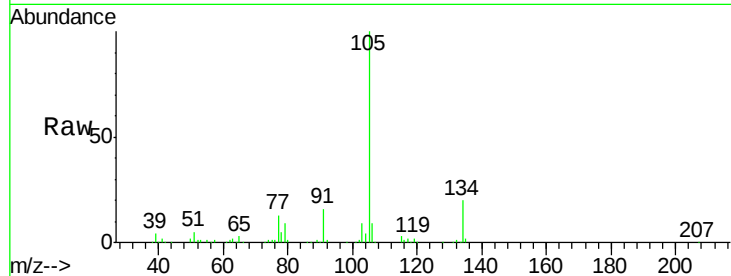
VN1130WBS01

Tot Ion:105 Resp: 174597

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

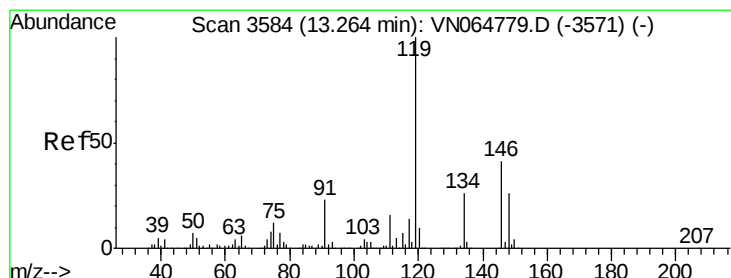
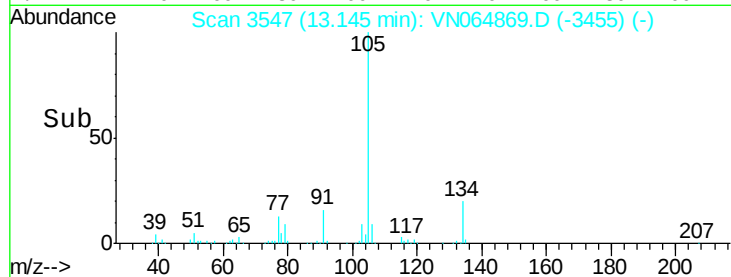
40000

20000

0

13.05 13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.585 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064869.D

Acq: 30 Nov 2020 13:44

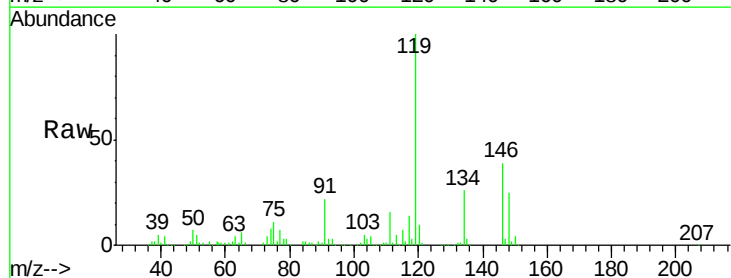
Tgt Ion:119 Resp: 160615

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.1 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

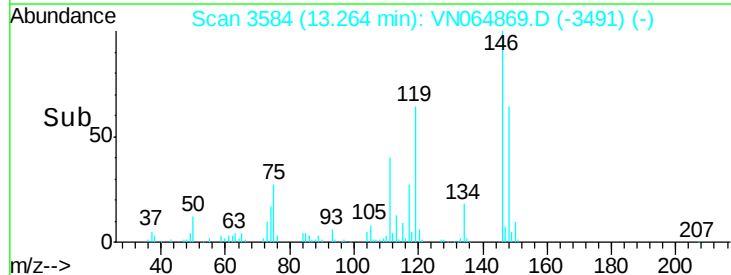
100000

50000

0

13.20 13.25 13.30 13.35

Time-->

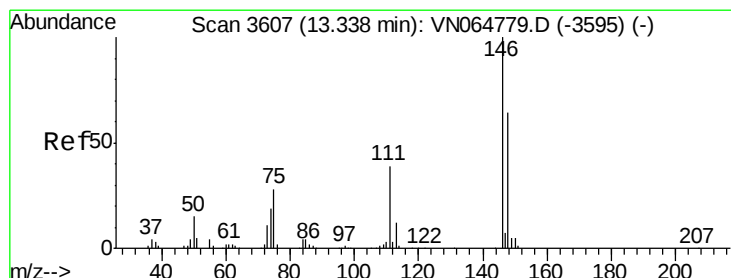
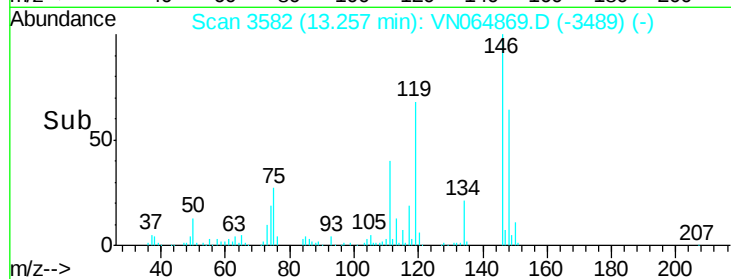
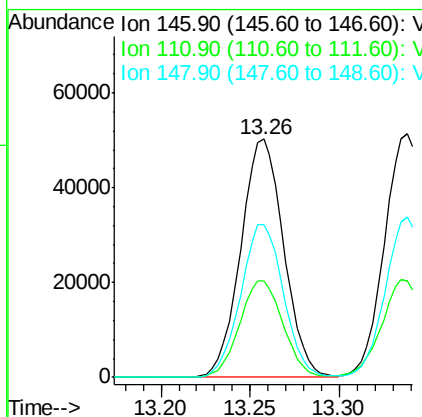
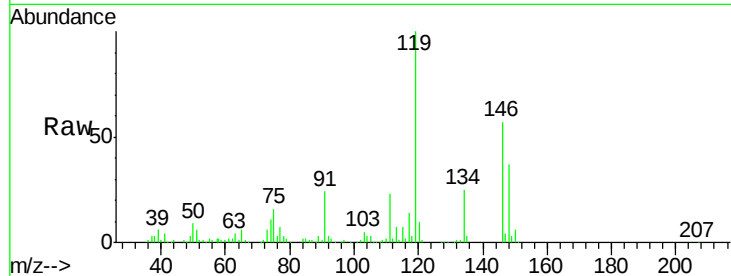




#87
 1,3-Dichlorobenzene
 Concen: 18.079 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

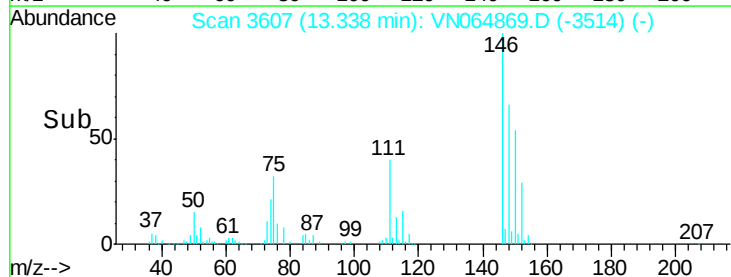
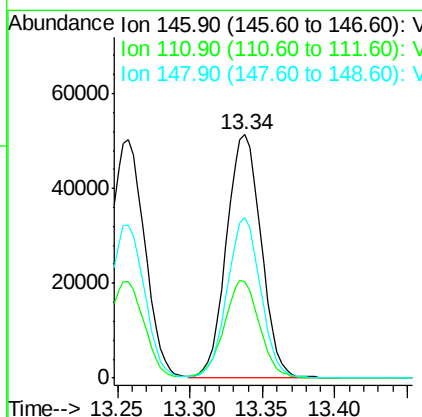
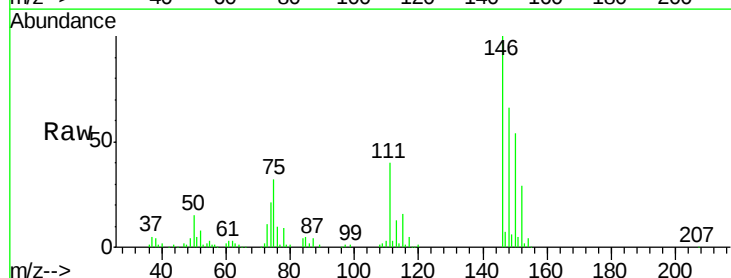
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

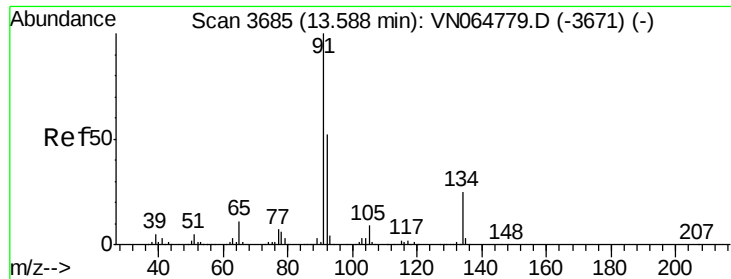
Tot Ion:146 Resp: 84326
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.302 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion:146 Resp: 85343
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.8 59.3
 148 64.0 31.9 95.5

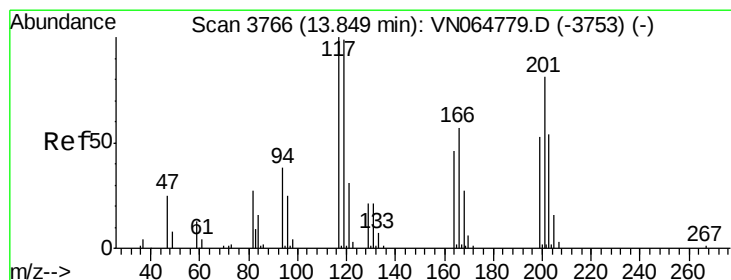
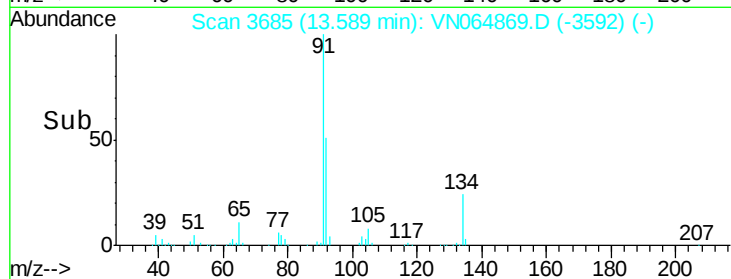
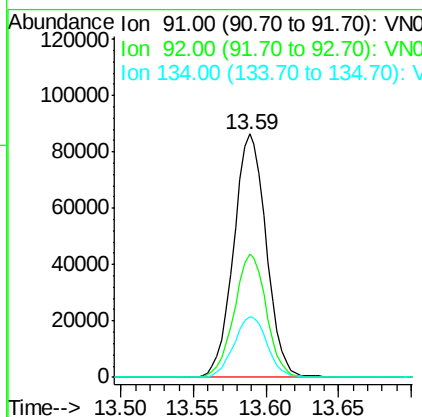
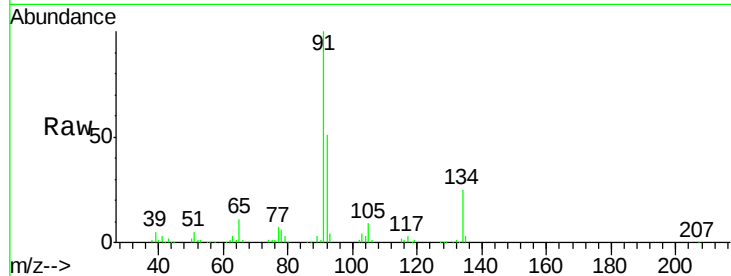




#89
n-Butylbenzene
Concen: 18.675 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

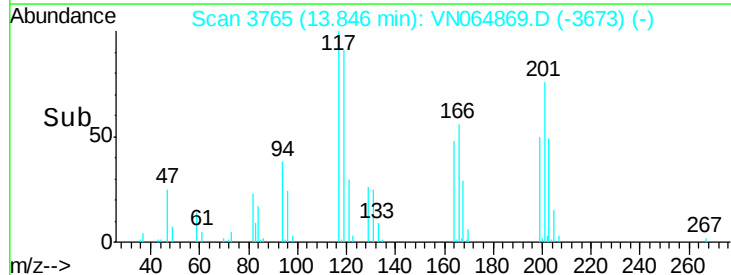
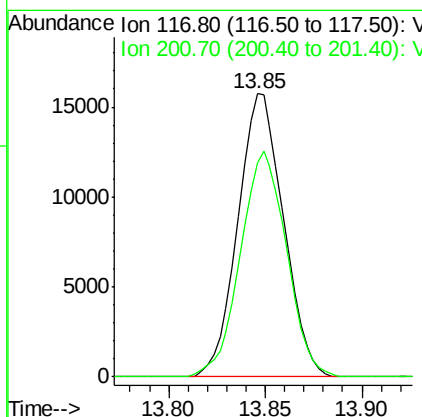
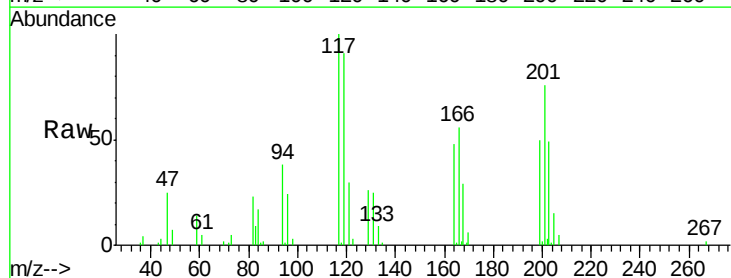
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

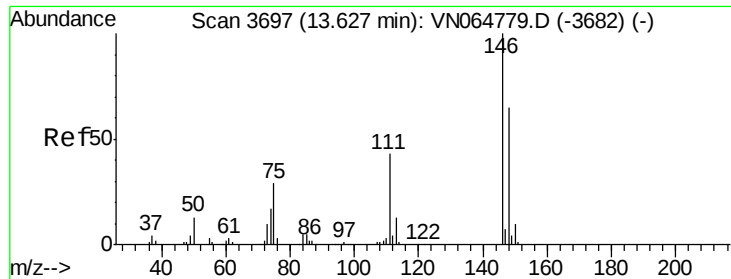
Tot Ion: 91 Resp: 134495
Ion Ratio Lower Upper
91 100
92 49.9 26.0 78.0
134 25.2 12.9 38.6



#90
Hexachloroethane
Concen: 18.101 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion: 117 Resp: 25787
Ion Ratio Lower Upper
117 100
201 80.6 40.1 120.3

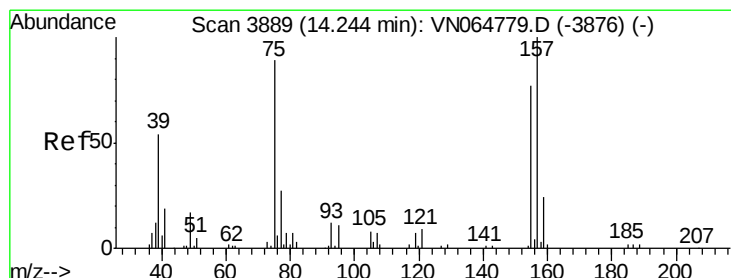
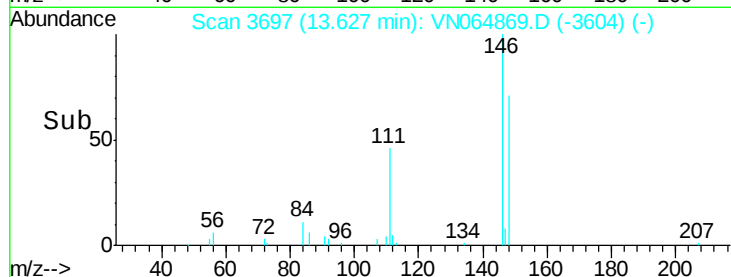
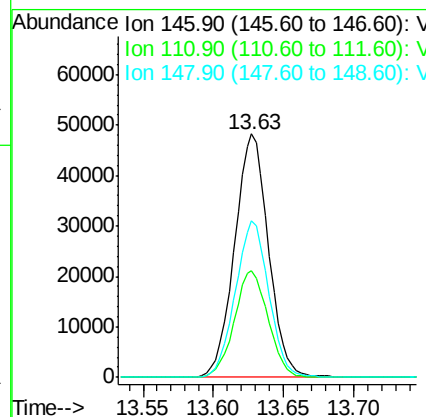
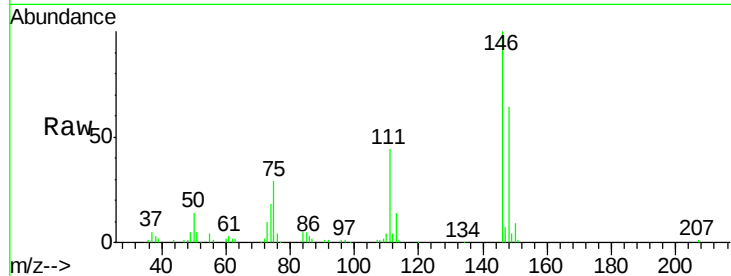




#91
 1,2-Dichlorobenzene
 Concen: 17.688 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

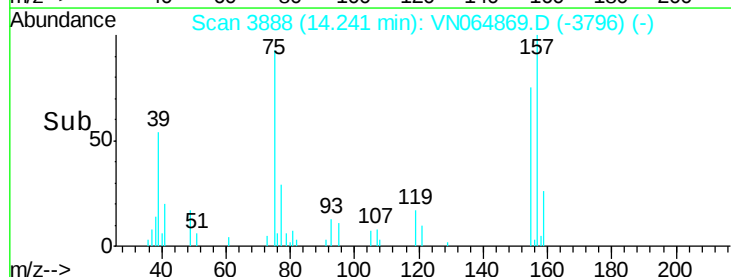
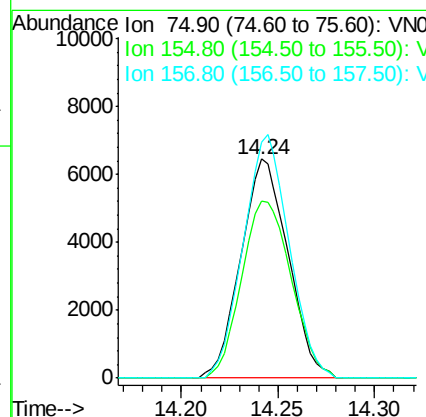
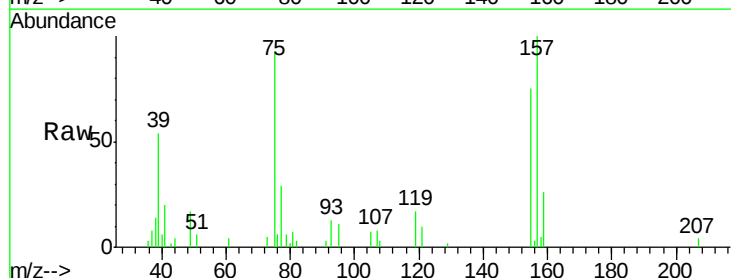
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

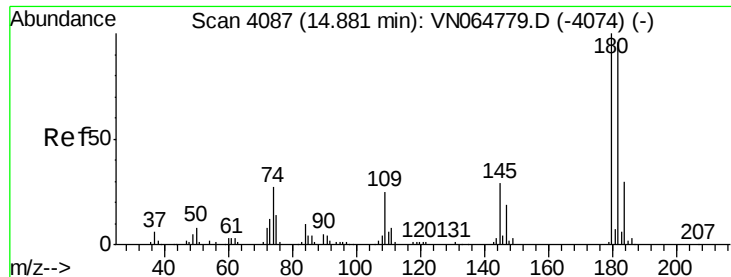
Tot Ion:146 Resp: 81006
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.057 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion: 75 Resp: 10954
 Ion Ratio Lower Upper
 75 100
 155 85.0 42.8 128.3
 157 108.0 56.4 169.1

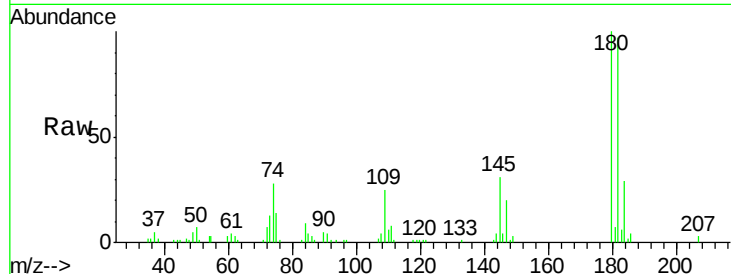




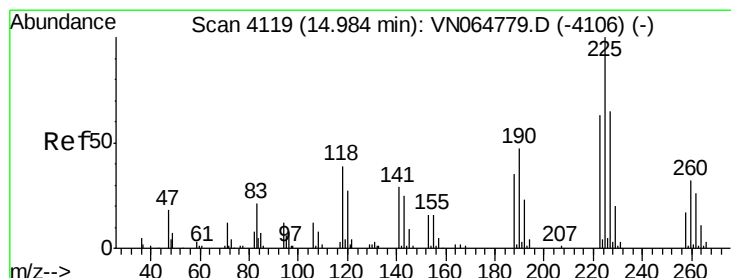
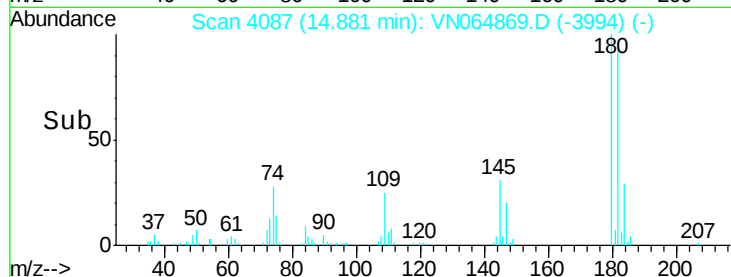
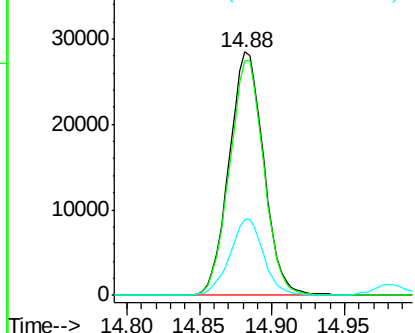
#93
 1,2,4-Trichlorobenzene
 Concen: 16.619 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Tot Ion:180 Resp: 47082
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.9
 145 30.5 15.3 45.8

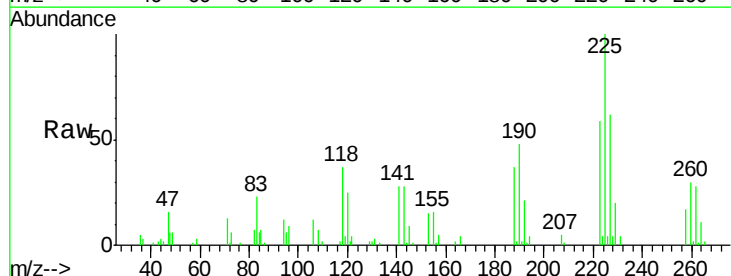


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

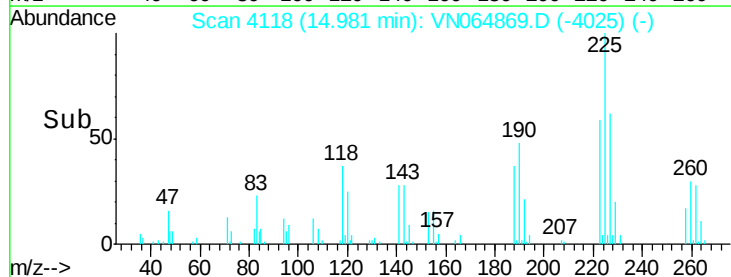
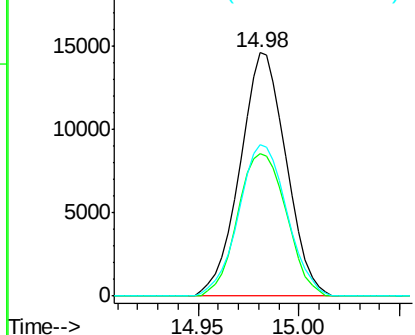


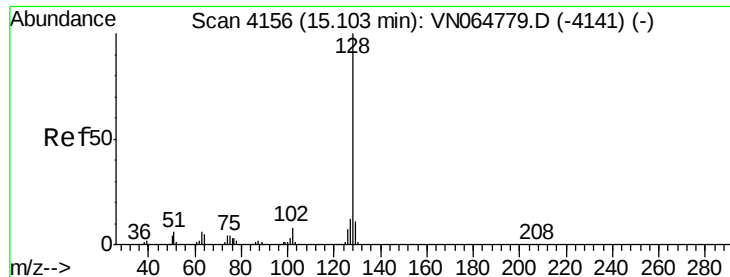
#94
 Hexachlorobutadiene
 Concen: 18.635 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064869.D
 Acq: 30 Nov 2020 13:44

Tgt Ion:225 Resp: 23473
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.0 93.0
 227 65.0 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

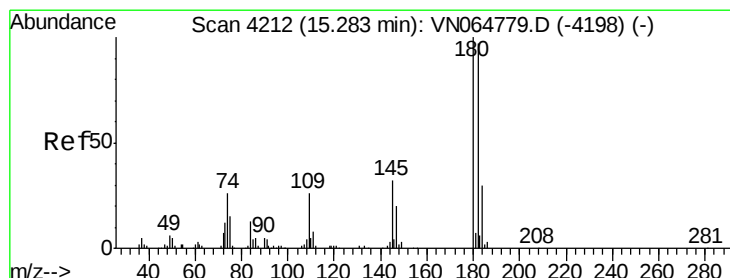
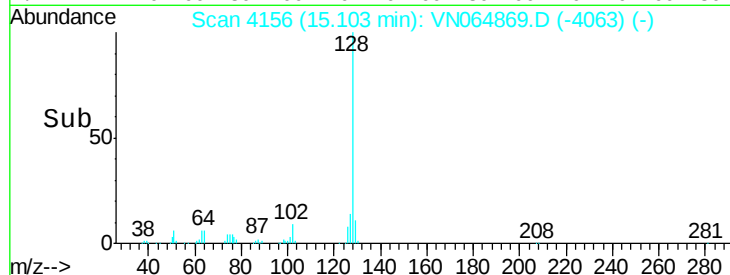
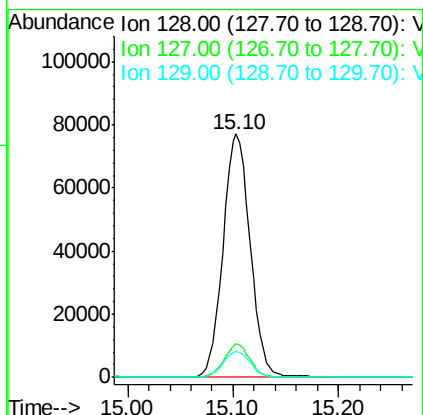
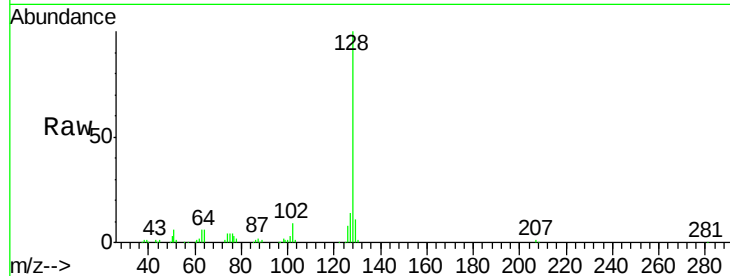




#95
Naphthalene
Concen: 16.162 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tot Ion:128 Resp: 137173
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.857 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064869.D
Acq: 30 Nov 2020 13:44

Tgt Ion:180 Resp: 45598
Ion Ratio Lower Upper
180 100
182 97.5 48.1 144.4
145 32.5 16.4 49.1

