

Data File : VN059941.D
Acq On : 31 Jan 2020 12:29
Operator : JC/MD
Sample : VN0131WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Quant Time: Feb 03 01:18:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	280249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103118	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	7.57	113	84891	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.08	98	324482	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	117042	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	37321	16.877	ug/l	99
3) Chloromethane	2.04	50	37679	17.907	ug/l	100
4) Vinyl Chloride	2.17	62	47090	19.560	ug/l	99
5) Bromomethane	2.55	94	27735	18.877	ug/l	95
6) Chloroethane	2.69	64	21710	19.061	ug/l	95
7) Trichlorofluoromethane	3.00	101	56250	19.455	ug/l	97
8) Diethyl Ether	3.39	74	20517	20.220	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33215	20.641	ug/l	94
10) Methyl Iodide	3.93	142	41228	15.850	ug/l	97
11) Tert butyl alcohol	4.73	59	32381	94.242	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	31224	18.570	ug/l	91
13) Acrolein	3.58	56	10538	43.327	ug/l	98
14) Allyl chloride	4.29	41	44840	19.785	ug/l #	87
15) Acrylonitrile	4.95	53	78776	100.510	ug/l	98
16) Acetone	3.78	43	94363	130.780	ug/l	96
17) Carbon Disulfide	4.03	76	77004	16.076	ug/l	99
18) Methyl Acetate	4.29	43	47454	19.905	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	111391	20.318	ug/l	94
20) Methylene Chloride	4.52	84	35706	18.522	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	33576	18.785	ug/l	88
22) Diisopropyl ether	5.91	45	103868	20.223	ug/l	94
23) Vinyl Acetate	5.86	43	383580	96.459	ug/l	95
24) 1,1-Dichloroethane	5.82	63	63584	20.261	ug/l	97
25) 2-Butanone	6.80	43	114067	98.690	ug/l	93
26) 2,2-Dichloropropane	6.79	77	58936	19.534	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40422	19.662	ug/l	88
28) Bromochloromethane	7.17	49	23764	18.946	ug/l #	76
29) Tetrahydrofuran	7.18	42	65730	91.914	ug/l #	87
30) Chloroform	7.35	83	65862	20.255	ug/l	95
31) Cyclohexane	7.63	56	54270	17.971	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	59227	19.700	ug/l	97
36) 1,1-Dichloropropene	7.77	75	47822	19.595	ug/l	95
37) Ethyl Acetate	6.90	43	43242	18.891	ug/l	97
38) Carbon Tetrachloride	7.75	117	53163	20.025	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	56103	18.644	ug/l	91
40) Benzene	8.02	78	141408	19.428	ug/l	98
41) Methacrylonitrile	7.18	41	62592	55.516	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52090	21.108	ug/l	97
43) Isopropyl Acetate	8.14	43	74773	18.992	ug/l	95
44) Trichloroethene	8.82	130	41076	20.673	ug/l	94
45) 1,2-Dichloropropane	9.10	63	37004	20.546	ug/l	99
46) Dibromomethane	9.19	93	25918	20.400	ug/l	92
47) Bromodichloromethane	9.39	83	51912	20.276	ug/l	100
48) Methyl methacrylate	9.18	41	32314	18.349	ug/l	89
49) 1,4-Dioxane	9.18	88	13630	422.780	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	218443	95.979	ug/l	95
52) Toluene	10.14	92	91955	20.001	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57796	20.217	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	61844	20.561	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	37665	20.685	ug/l	97
56) Ethyl methacrylate	10.42	69	52236	18.775	ug/l	94
57) 1,3-Dichloropropane	10.70	76	60134	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	85045	101.483	ug/l	92
59) 2-Hexanone	10.74	43	164509	98.115	ug/l	95
60) Dibromochloromethane	10.89	129	42625	20.557	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38161	19.996	ug/l	100
64) Tetrachloroethene	10.62	164	44419	21.345	ug/l	96
65) Chlorobenzene	11.43	112	102051	20.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39007	20.114	ug/l	98
67) Ethyl Benzene	11.50	91	179324	19.683	ug/l	97
68) m/p-Xylenes	11.62	106	134034	38.946	ug/l	95
69) o-Xylene	11.94	106	66293	19.676	ug/l	94
70) Styrene	11.96	104	106278	18.851	ug/l	97
71) Bromoform	12.12	173	31218	20.097	ug/l #	99
73) Isopropylbenzene	12.25	105	178695	19.737	ug/l	99
74) N-amyl acetate	12.07	43	61441	17.489	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	51210	19.511	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	69700	33.549	ug/l #	100
77) Bromobenzene	12.52	156	44769	19.526	ug/l	84
78) n-propylbenzene	12.59	91	198269	19.511	ug/l	97
79) 2-Chlorotoluene	12.67	91	118909	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	147508	19.373	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	17582	18.174	ug/l	95
82) 4-Chlorotoluene	12.77	91	120262	19.834	ug/l	95
83) tert-Butylbenzene	12.99	119	129428	19.654	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	147512	19.582	ug/l	99
85) sec-Butylbenzene	13.17	105	168104	19.429	ug/l	98
86) p-Isopropyltoluene	13.29	119	154507	19.299	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	78748	19.773	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76796	19.329	ug/l	97
89) n-Butylbenzene	13.61	91	132781	19.452	ug/l	97
90) Hexachloroethane	13.87	117	28489	19.020	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	78481	19.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10416	17.116	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44628	18.863	ug/l	97
94) Hexachlorobutadiene	15.01	225	25917	19.879	ug/l	98
95) Naphthalene	15.13	128	118281	17.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44632	19.381	ug/l	99

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

Data File : VN059941.D

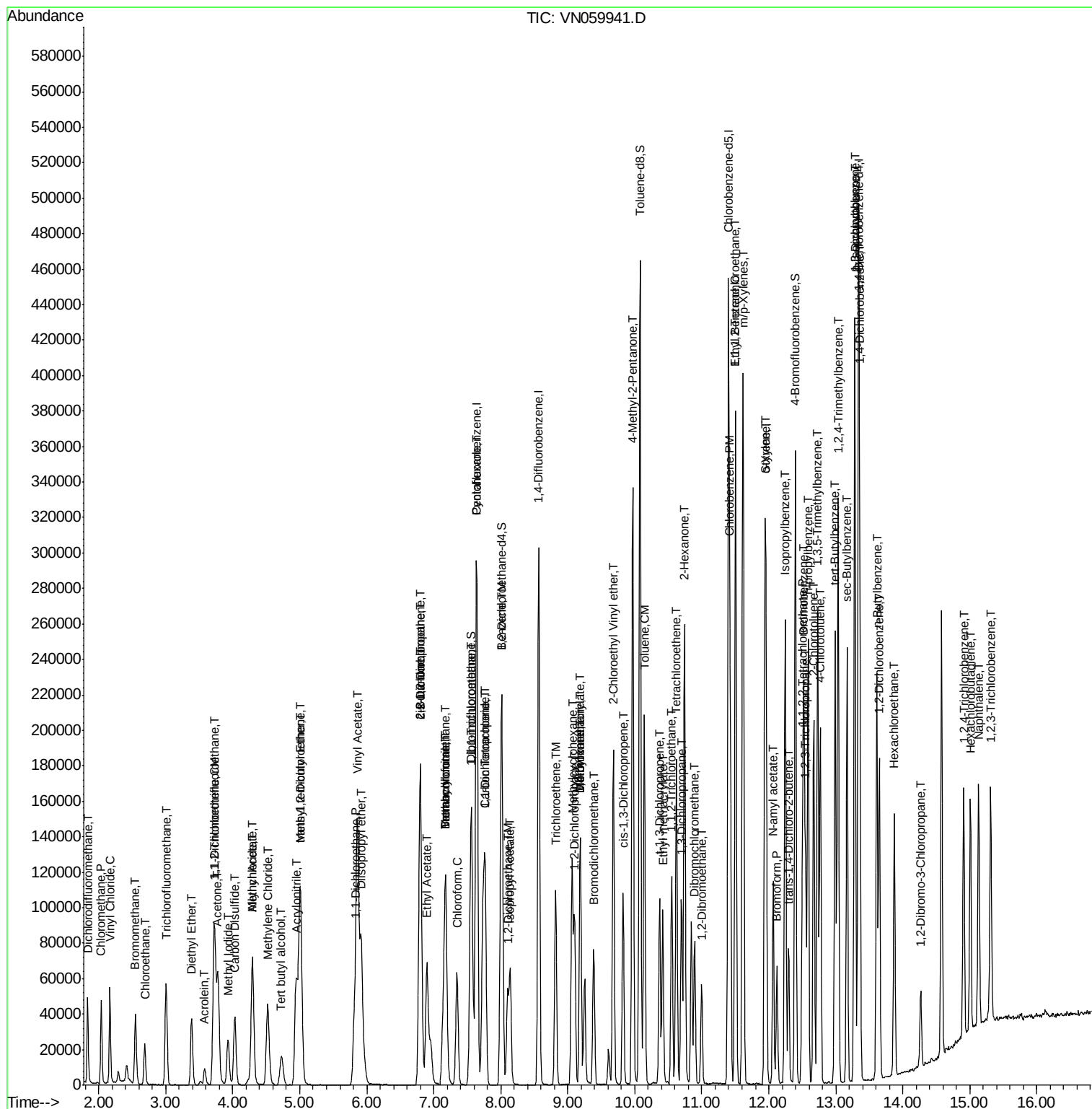
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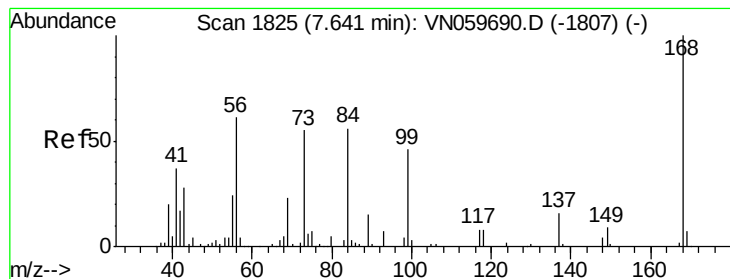
Acq On       : 31 Jan 2020   12:29
Operator    : JC/MD
Sample      : VN0131WBS01
Misc       : 5.00mL/MSVOA_N/WATER
ALS Vial    : 5      Sample Multiplier: 1

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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Feb 03 01:18:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

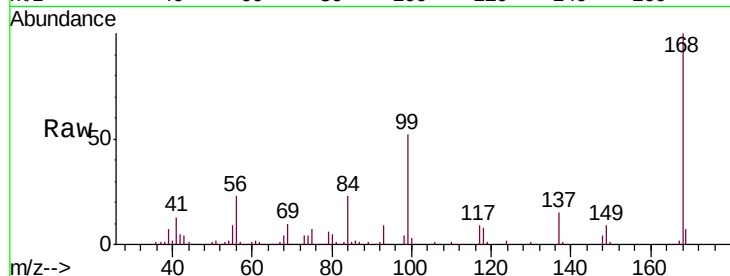
VN0131WBS01

Tgt Ion:168 Resp: 183788

Ion Ratio Lower Upper

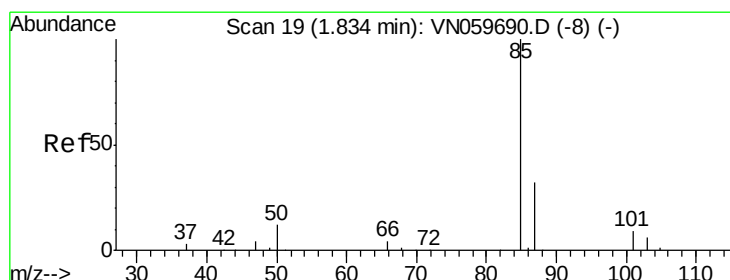
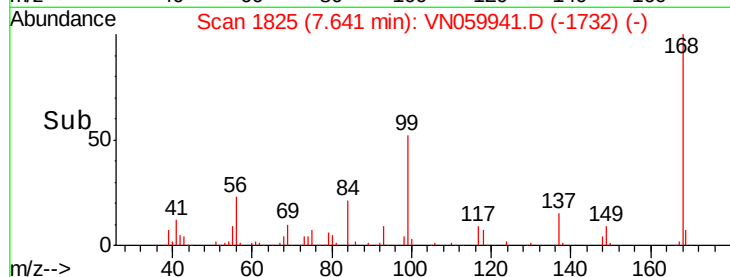
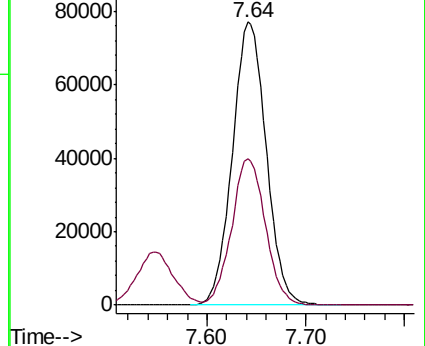
168 100

99 51.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.877 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059941.D

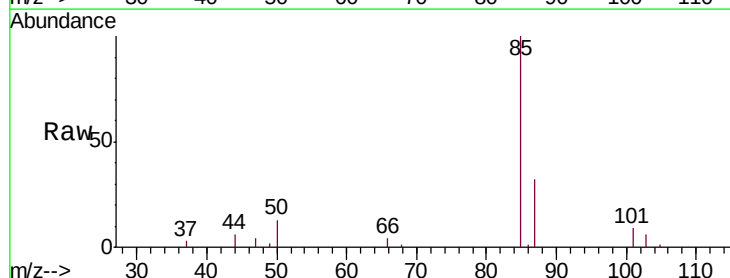
Acq: 31 Jan 2020 12:29

Tgt Ion: 85 Resp: 37321

Ion Ratio Lower Upper

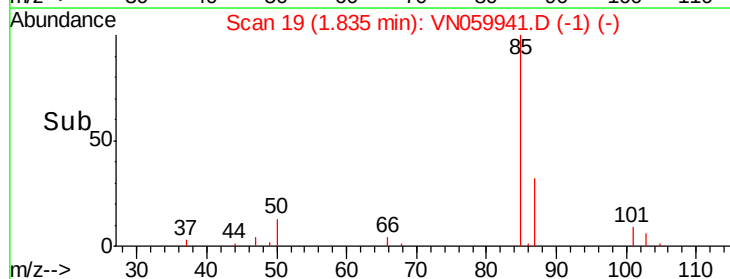
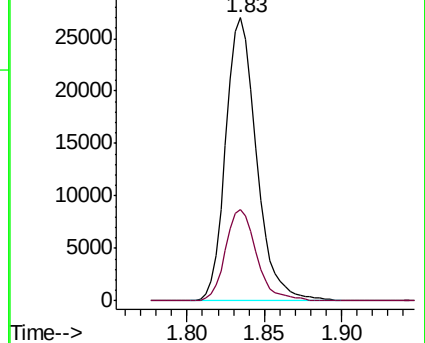
85 100

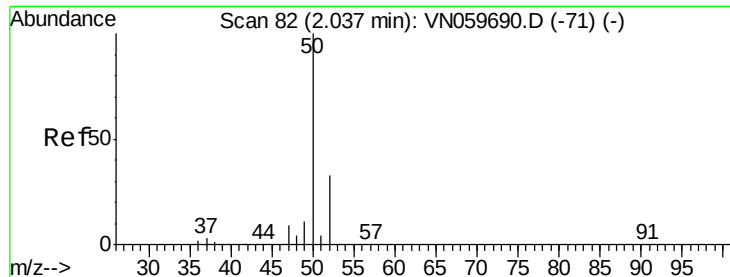
87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.907 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

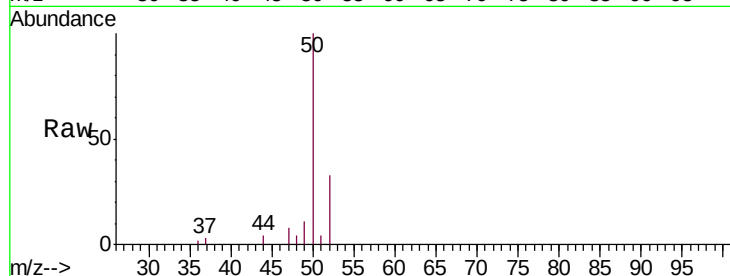
VN0131WBS01

Tgt Ion: 50 Resp: 37679

Ion Ratio Lower Upper

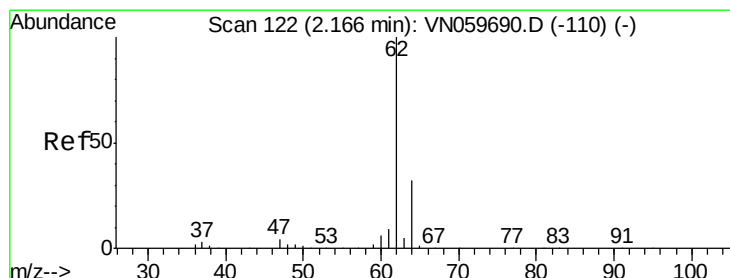
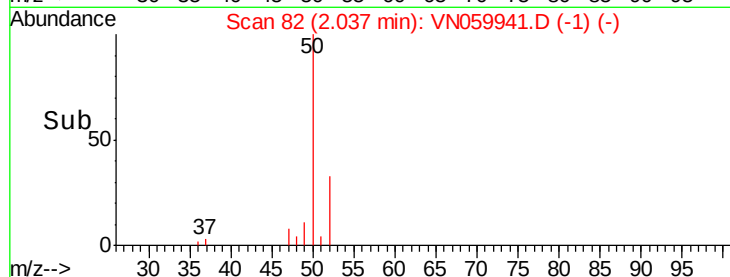
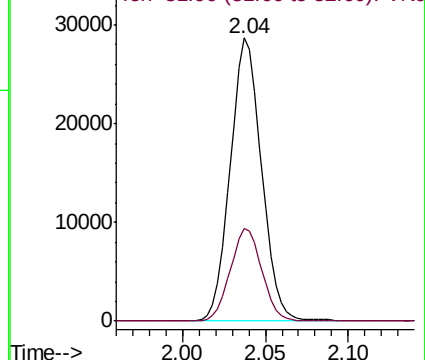
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.560 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059941.D

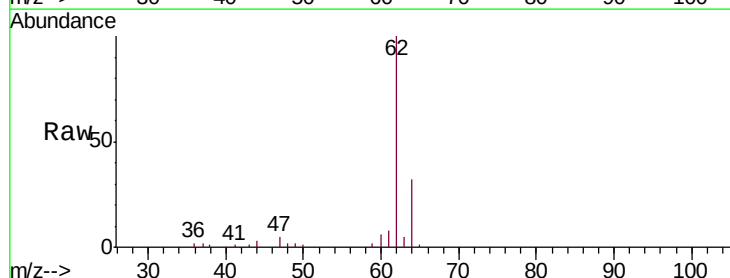
Acq: 31 Jan 2020 12:29

Tgt Ion: 62 Resp: 47090

Ion Ratio Lower Upper

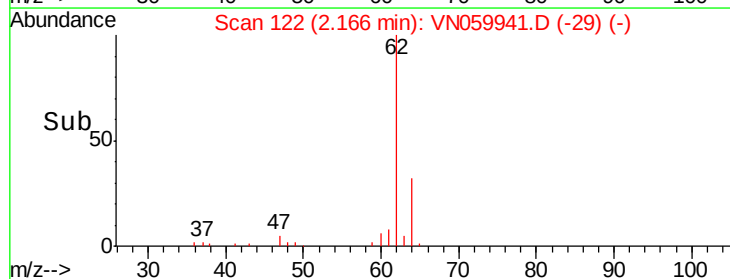
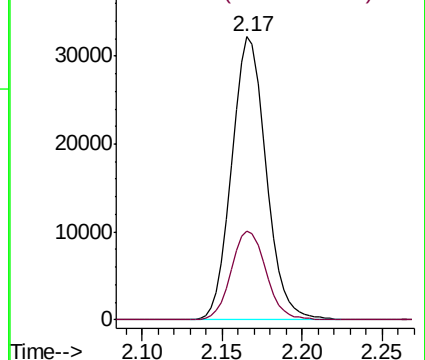
62 100

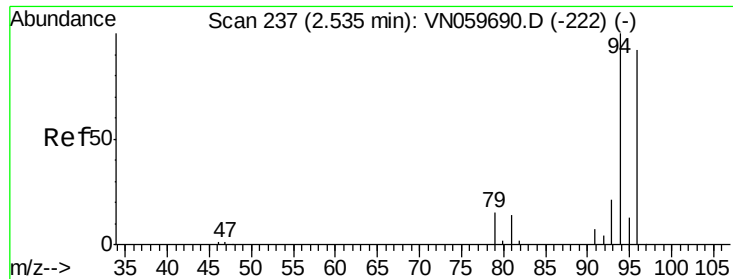
64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

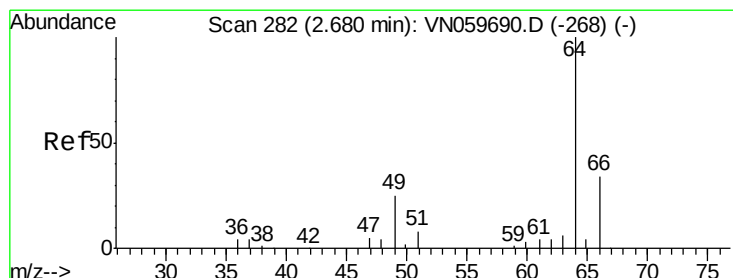
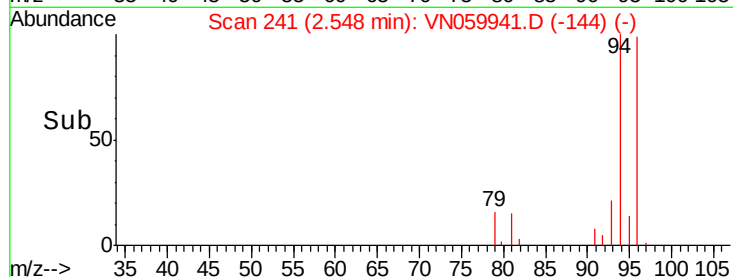
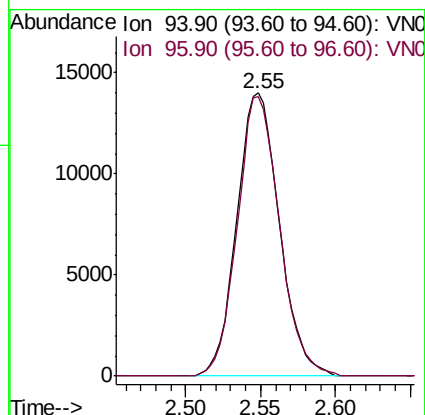
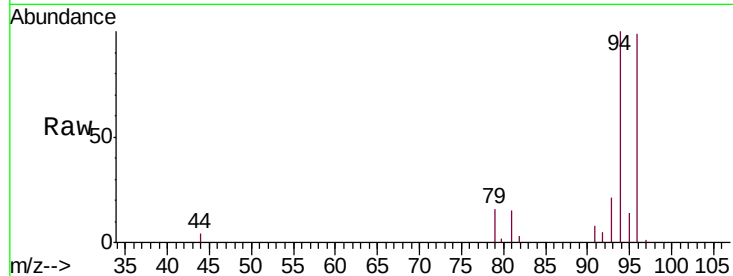




#5
Bromomethane
Concen: 18.877 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

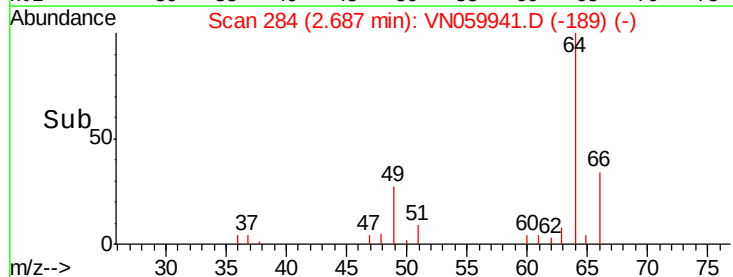
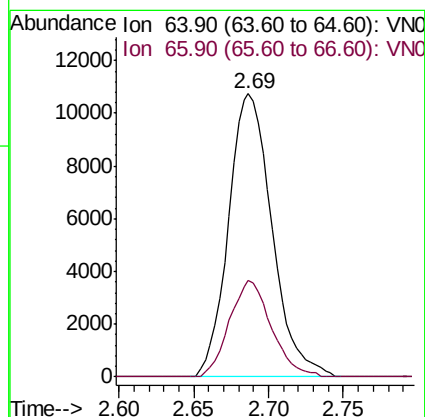
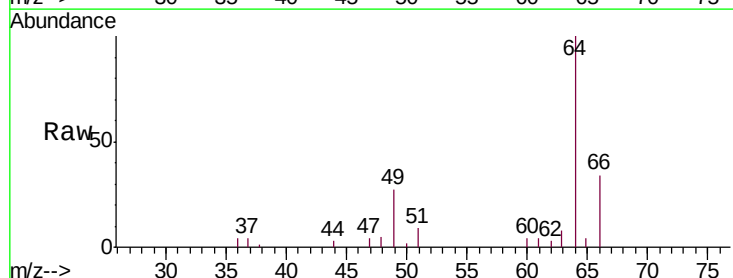
Instrument :
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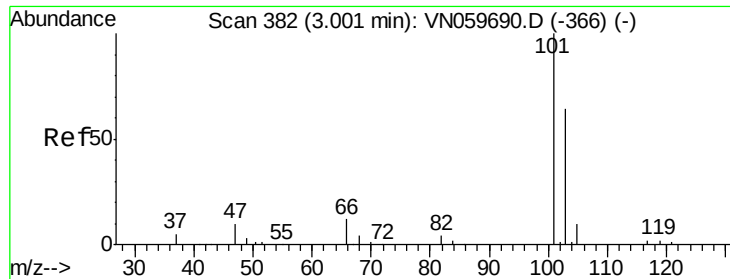
Tgt Ion: 94 Resp: 27735
Ion Ratio Lower Upper
94 100
96 98.6 74.7 112.1



#6
Chloroethane
Concen: 19.061 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 64 Resp: 21710
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7



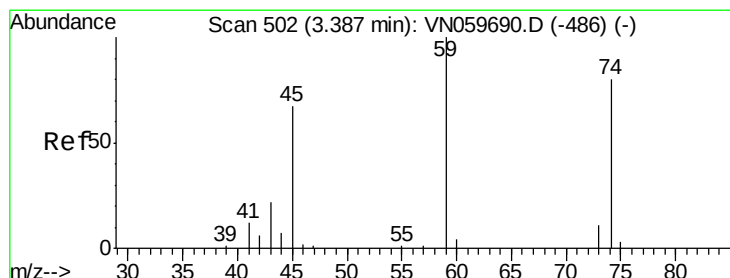
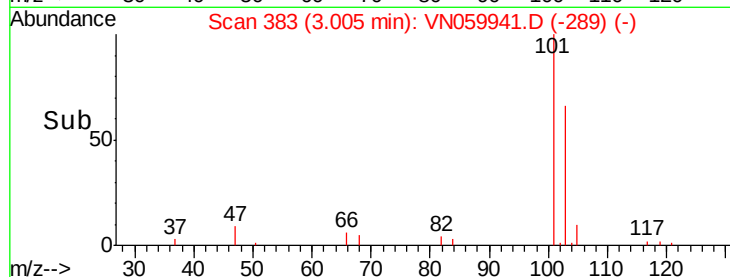
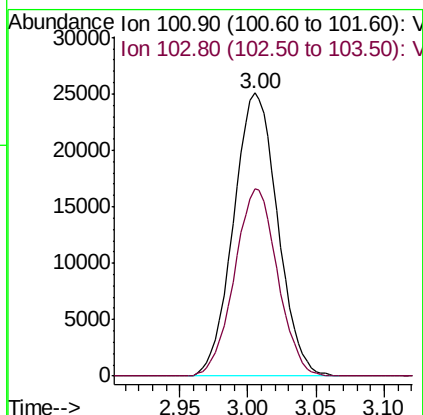
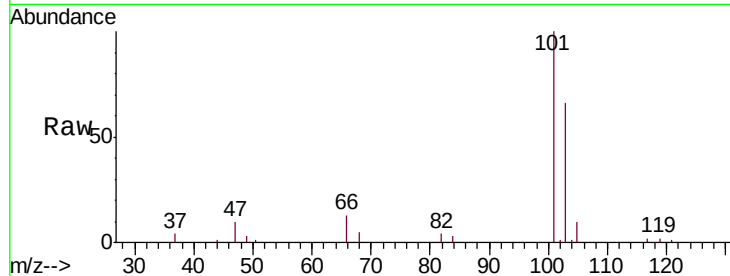


#7

Trichlorofluoromethane
Concen: 19.455 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

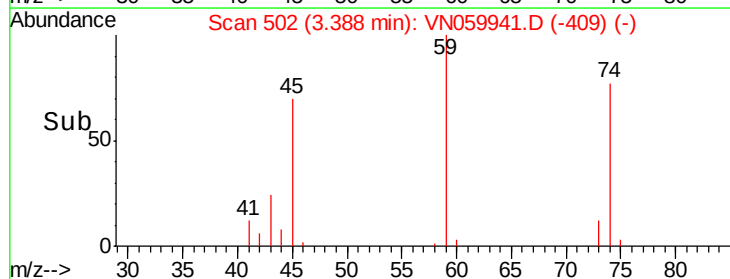
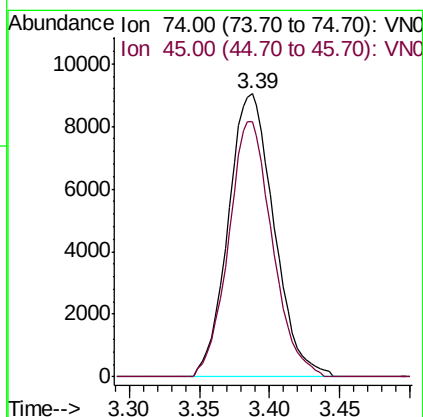
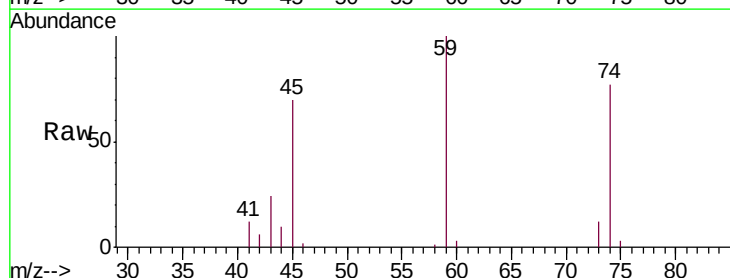
Tgt Ion: 101 Resp: 56250
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.6

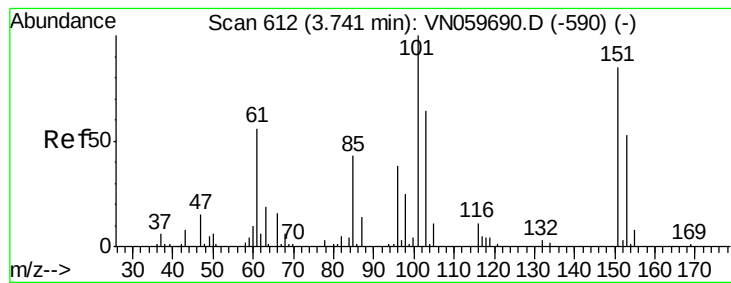


#8

Diethyl Ether
Concen: 20.220 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 74 Resp: 20517
Ion Ratio Lower Upper
74 100
45 86.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.641 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

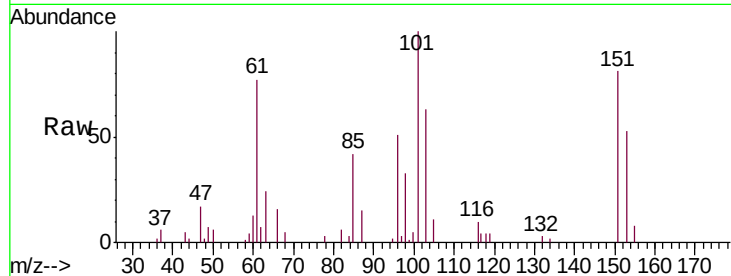
Tgt Ion:101 Resp: 33215

Ion Ratio Lower Upper

101 100

85 44.2 36.6 54.8

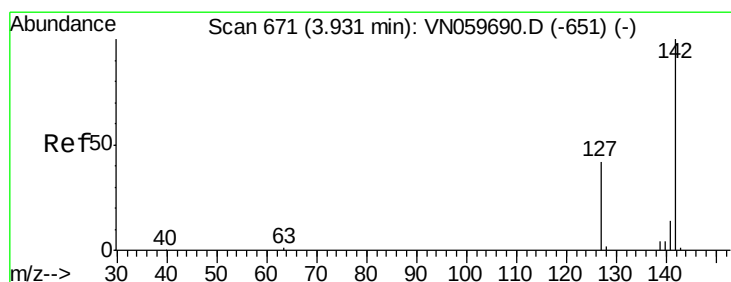
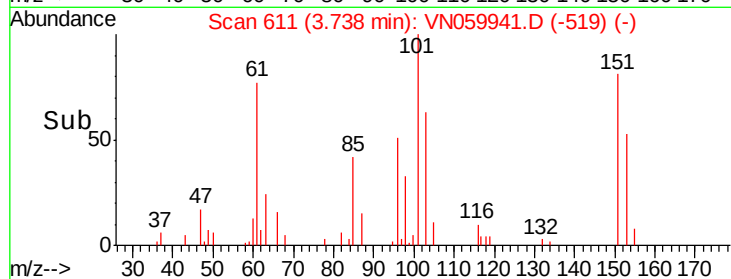
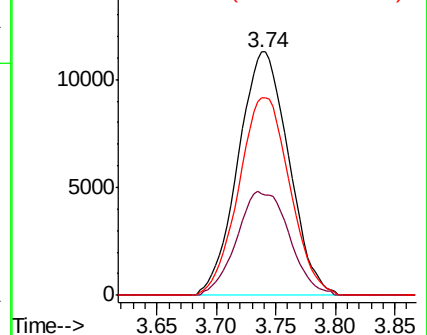
151 82.0 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.850 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

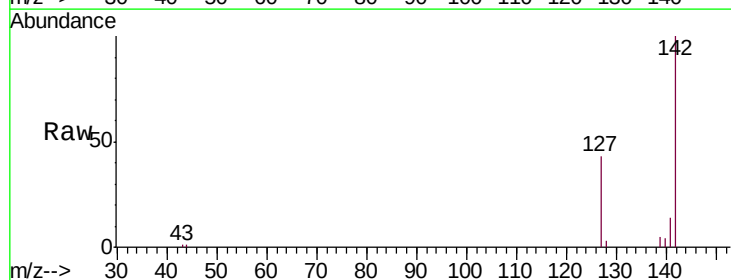
Tgt Ion:142 Resp: 41228

Ion Ratio Lower Upper

142 100

127 43.6 36.7 55.1

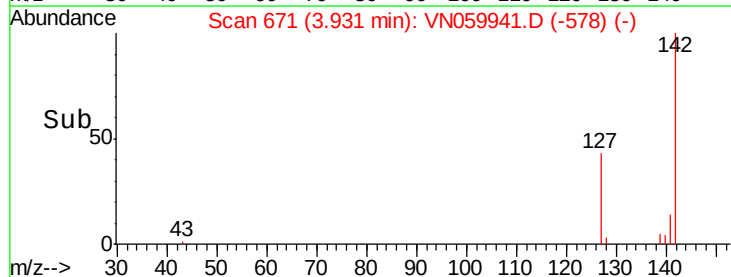
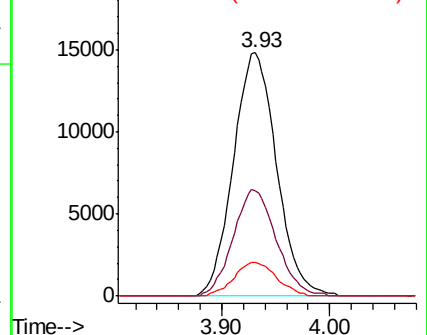
141 13.6 11.7 17.5

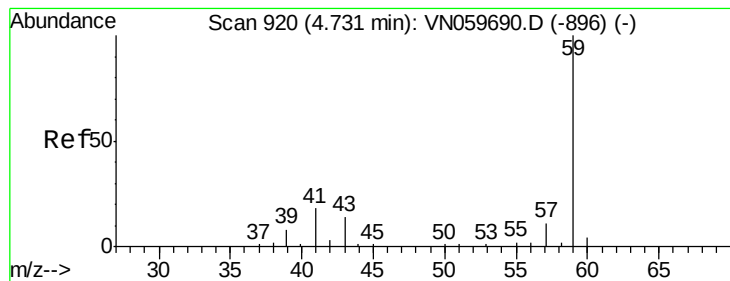


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.242 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.01 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

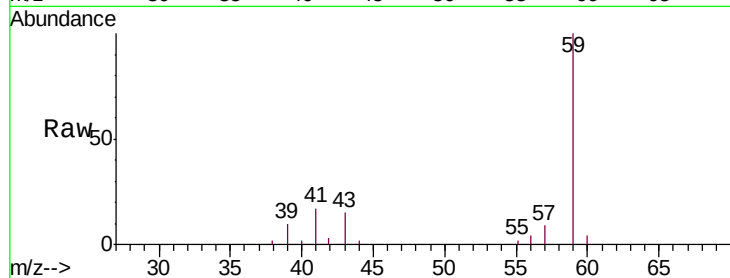
VN0131WBS01

Tgt Ion: 59 Resp: 32381

Ion Ratio Lower Upper

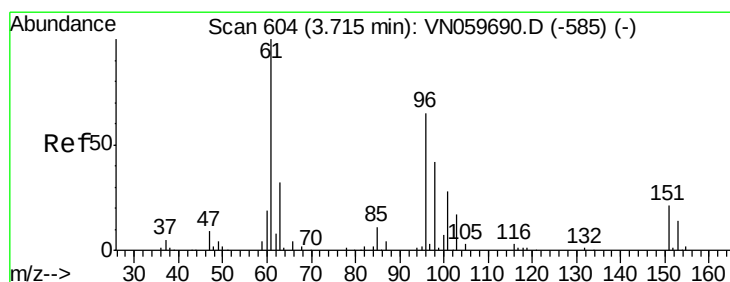
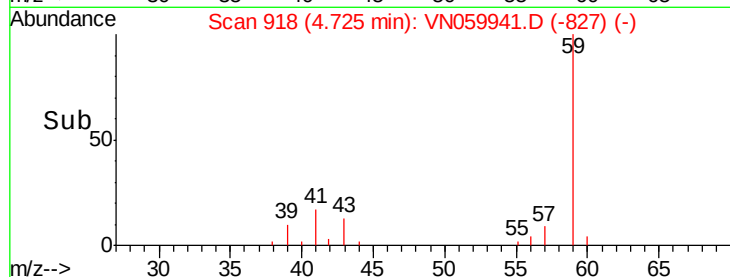
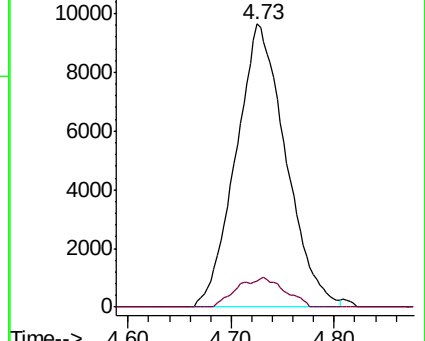
59 100

57 3.6 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.570 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

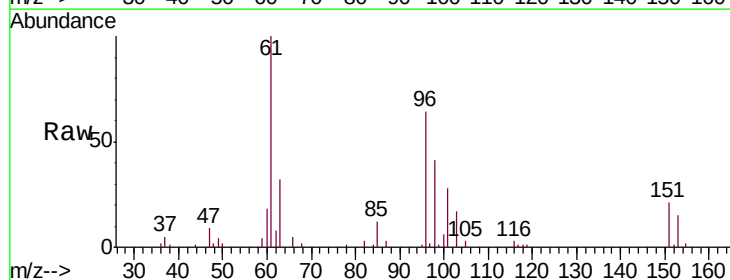
Tgt Ion: 96 Resp: 31224

Ion Ratio Lower Upper

96 100

61 155.9 137.5 206.3

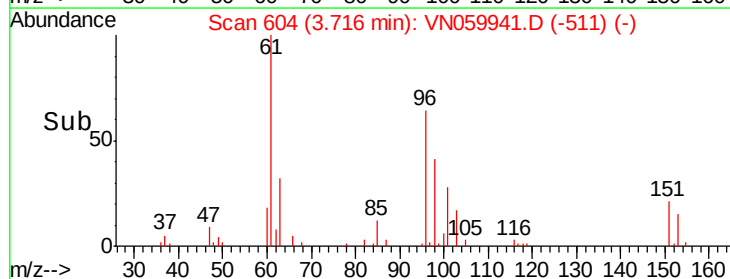
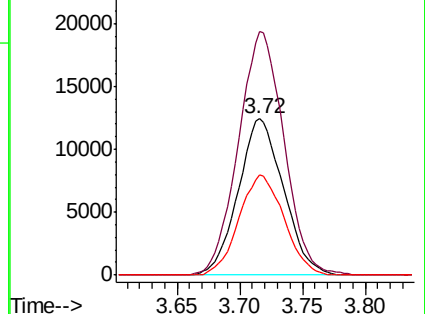
98 64.0 50.2 75.4

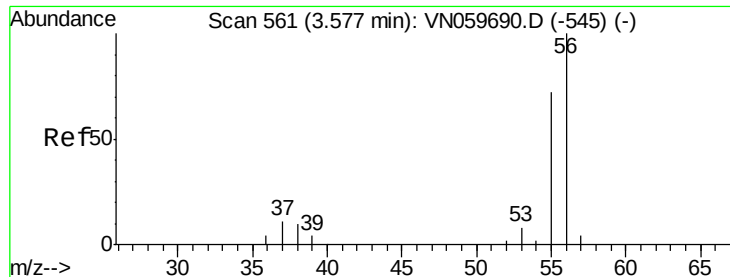


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 43.327 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

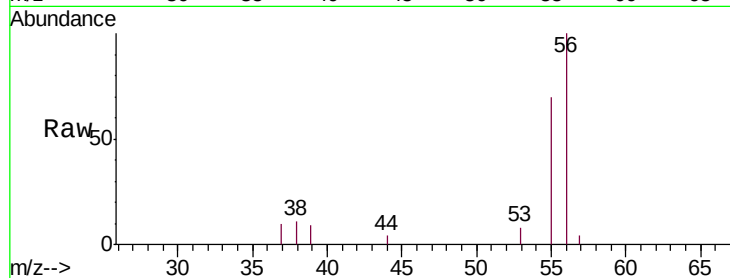
VN0131WBS01

Tgt Ion: 56 Resp: 10538

Ion Ratio Lower Upper

56 100

55 71.8 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

4000

3000

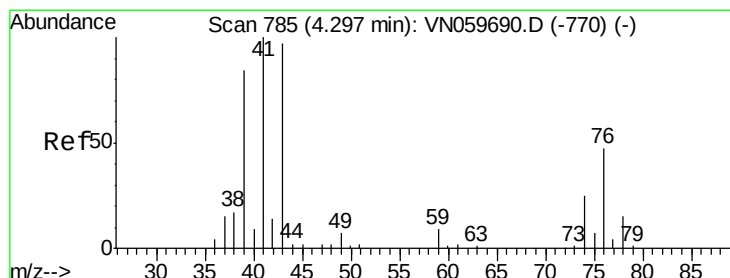
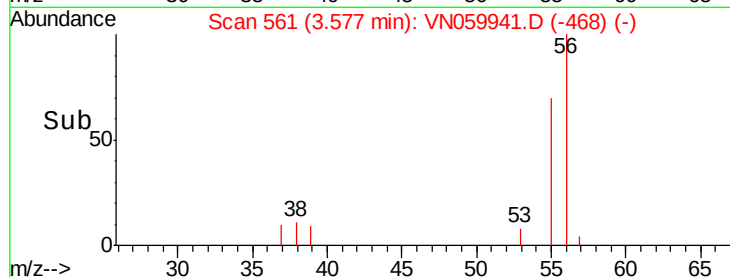
2000

1000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 19.785 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

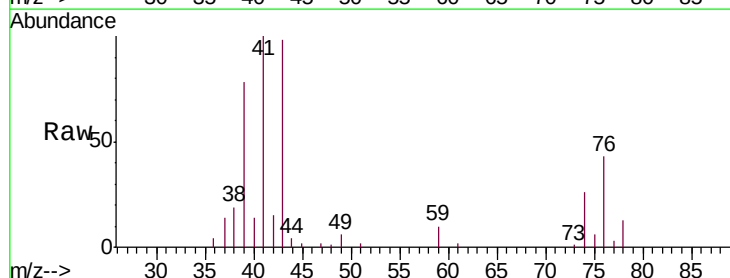
Tgt Ion: 41 Resp: 44840

Ion Ratio Lower Upper

41 100

39 81.8 57.8 86.8

76 40.5 25.4 38.0#



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

4.29

20000

15000

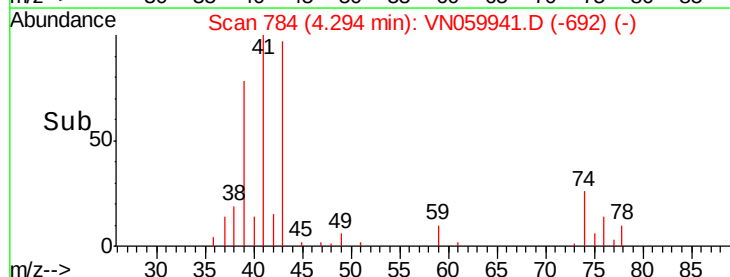
10000

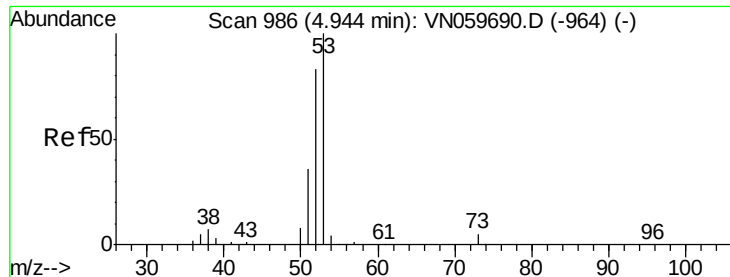
5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 100.510 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

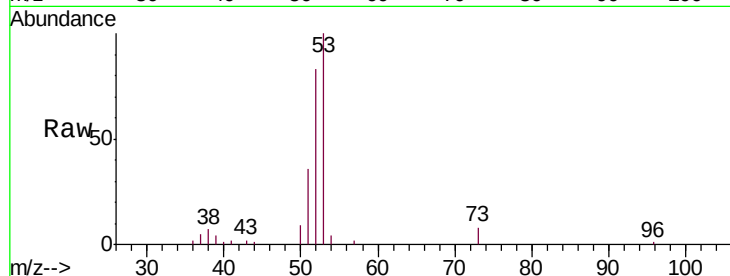
Tgt Ion: 53 Resp: 78776

Ion Ratio Lower Upper

53 100

52 81.3 66.3 99.5

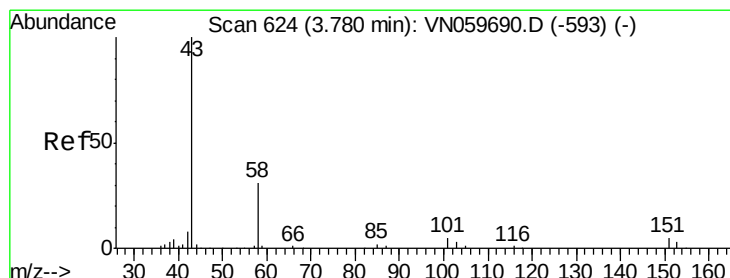
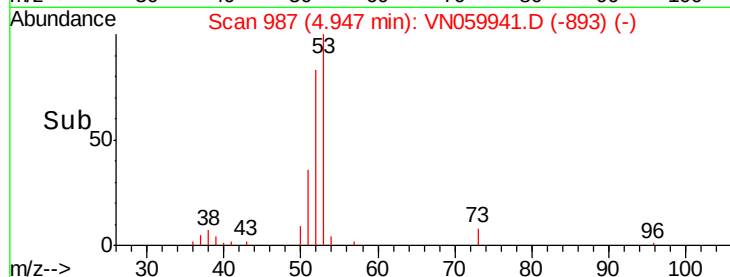
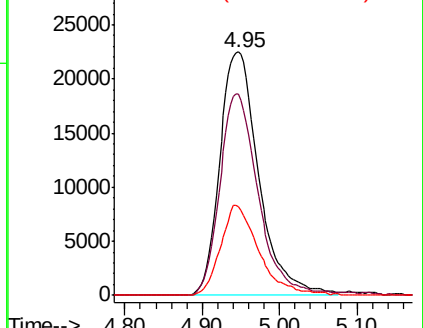
51 36.5 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 130.780 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059941.D

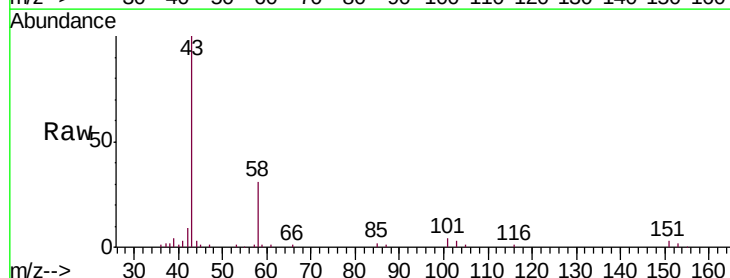
Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 94363

Ion Ratio Lower Upper

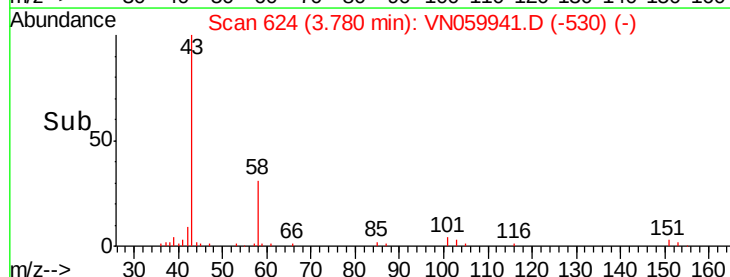
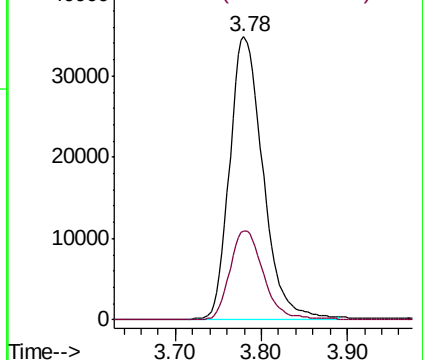
43 100

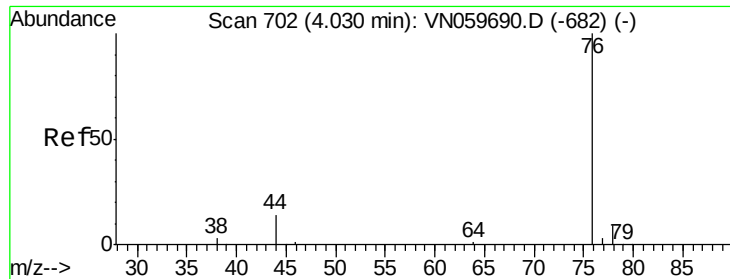
58 31.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

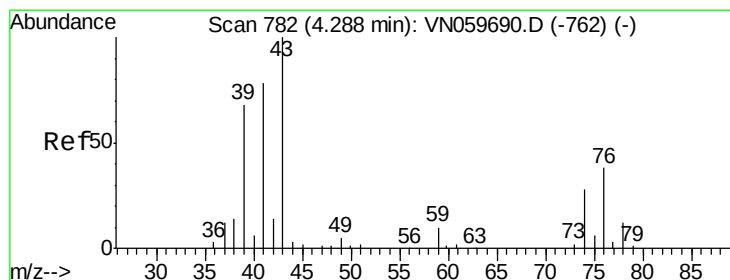
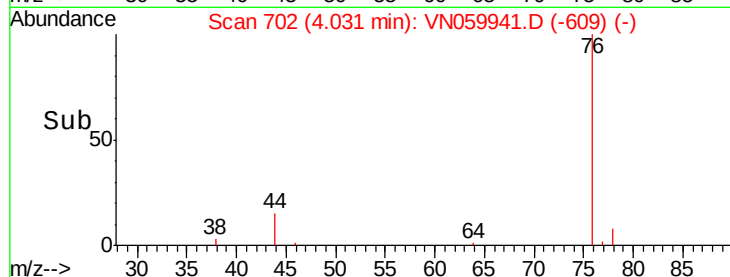
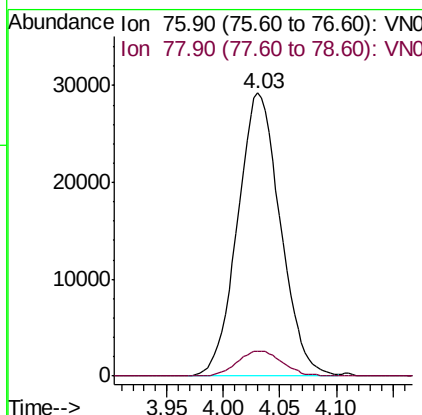
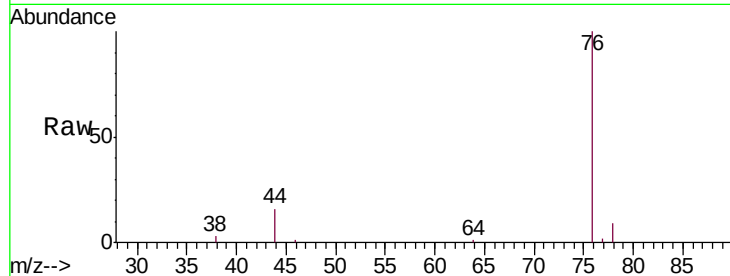




#17
Carbon Disulfide
Concen: 16.076 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

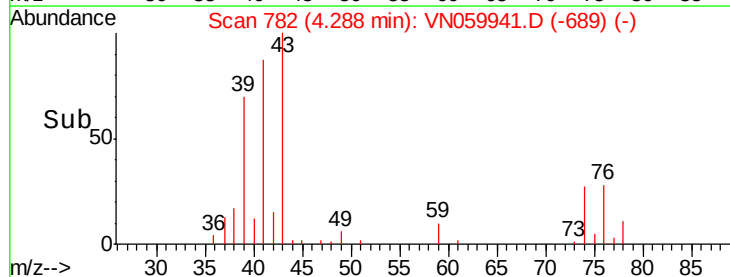
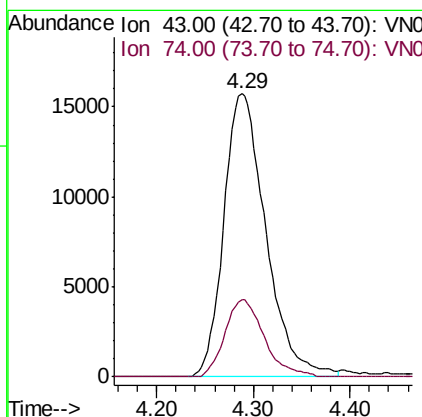
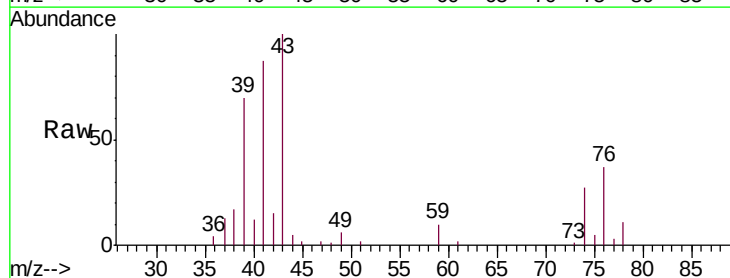
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

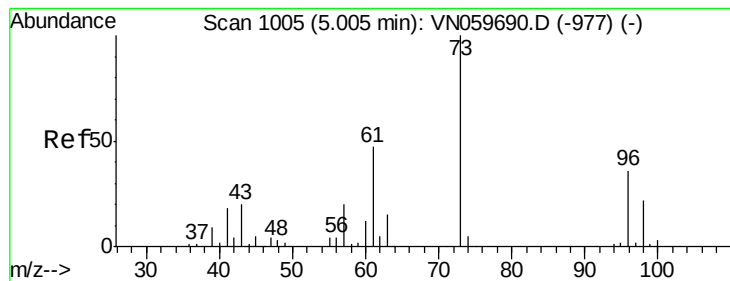
Tgt Ion: 76 Resp: 77004
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.905 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 47454
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3



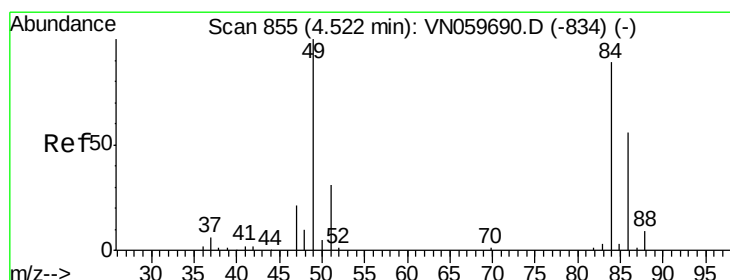
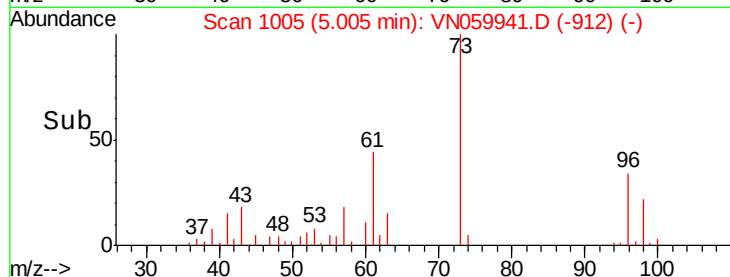
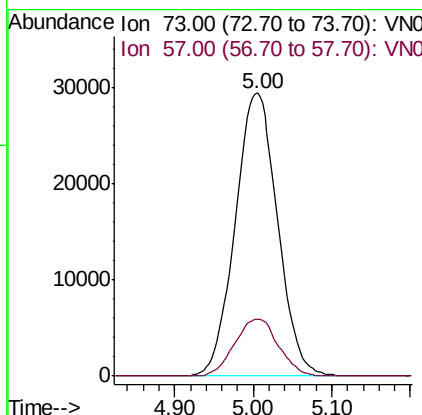
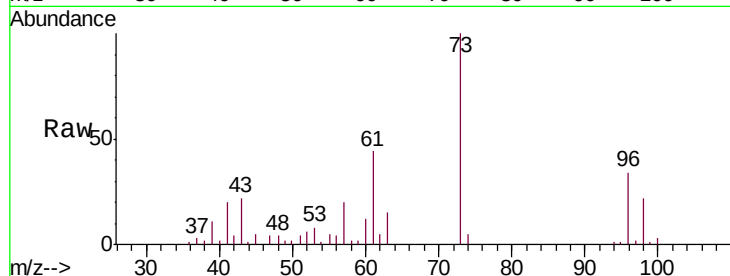


#19

Methyl tert-butyl Ether
 Concen: 20.318 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

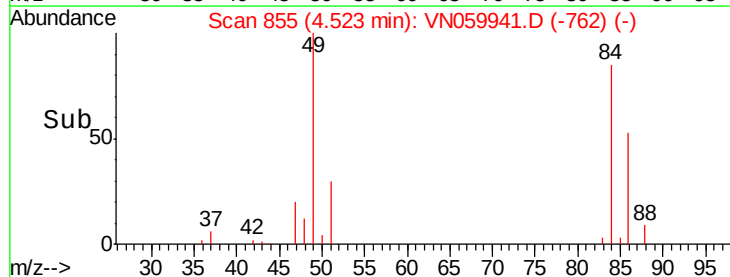
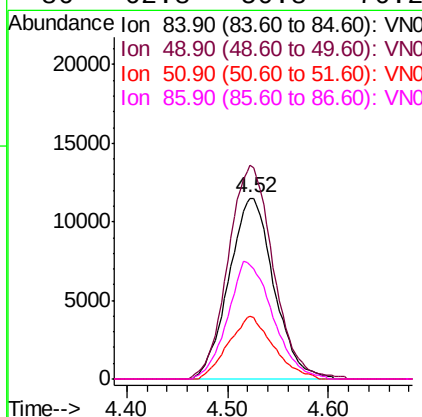
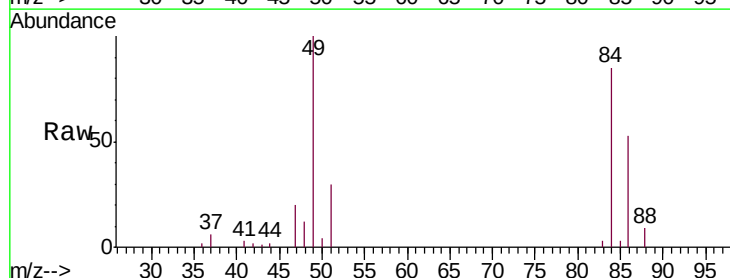
Tgt Ion: 73 Resp: 111391
 Ion Ratio Lower Upper
 73 100
 57 20.3 18.6 27.8

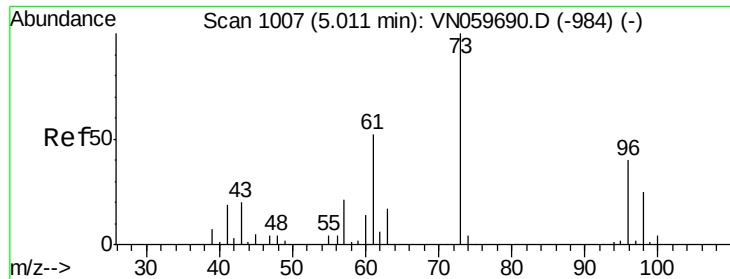


#20

Methylene Chloride
 Concen: 18.522 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 84 Resp: 35706
 Ion Ratio Lower Upper
 84 100
 49 117.9 106.6 160.0
 51 35.0 31.9 47.9
 86 62.8 50.8 76.2

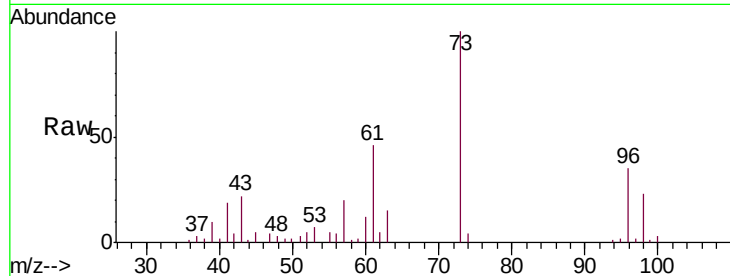




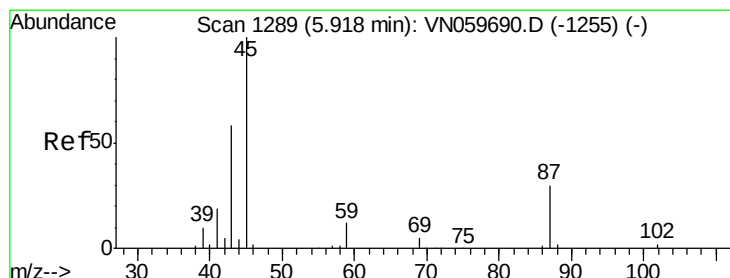
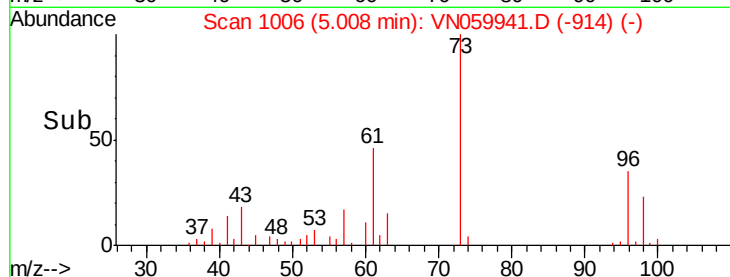
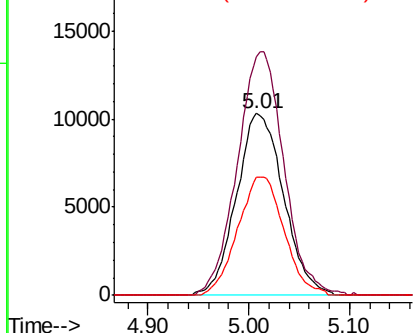
#21
trans-1,2-Dichloroethene
Concen: 18.785 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tgt Ion: 96 Resp: 33576
Ion Ratio Lower Upper
96 100
61 131.1 120.4 180.6
98 65.2 50.6 75.8

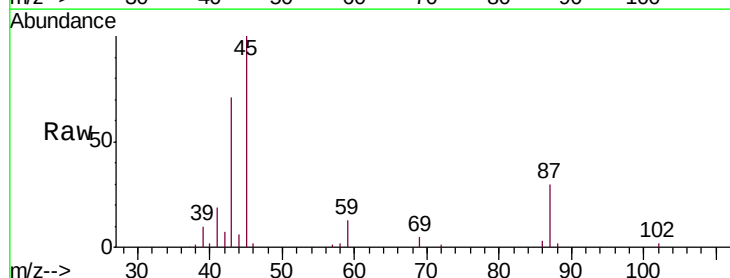


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

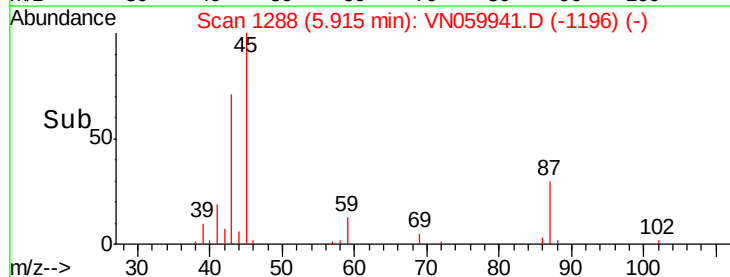
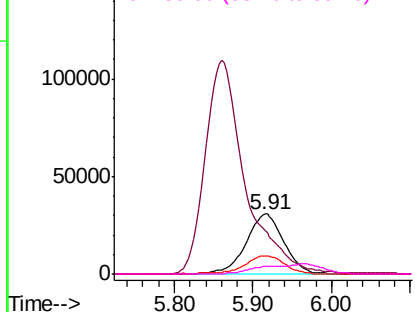


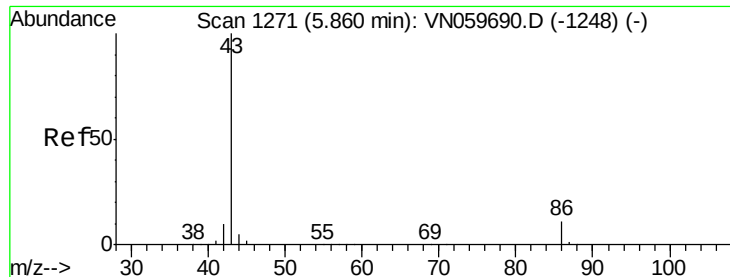
#22
Diisopropyl ether
Concen: 20.223 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 45 Resp: 103868
Ion Ratio Lower Upper
45 100
43 68.6 50.8 76.2
87 30.5 21.0 31.6
59 12.1 9.1 13.7



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

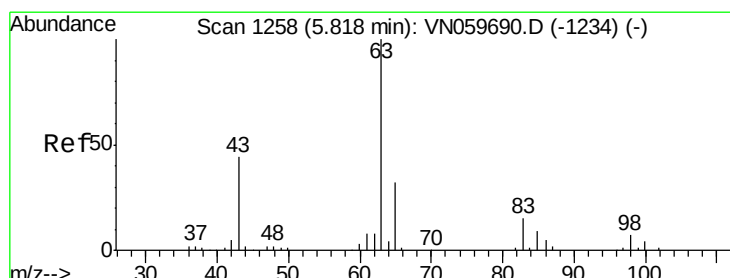
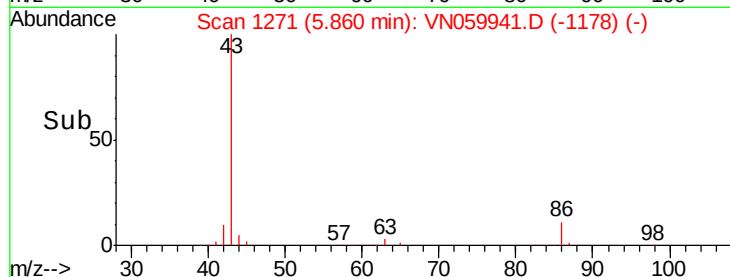
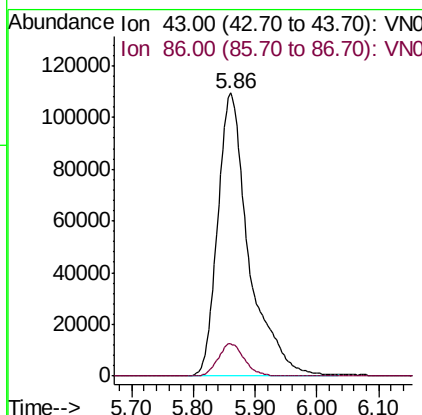
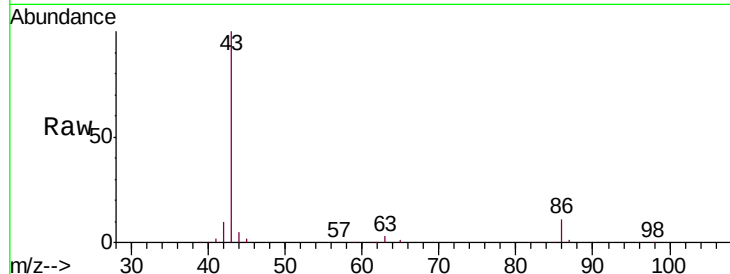




#23
 Vinyl Acetate
 Concen: 96.459 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

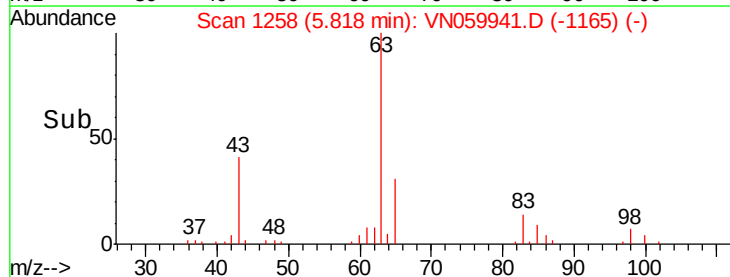
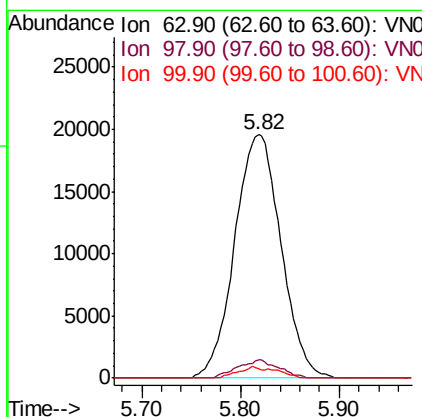
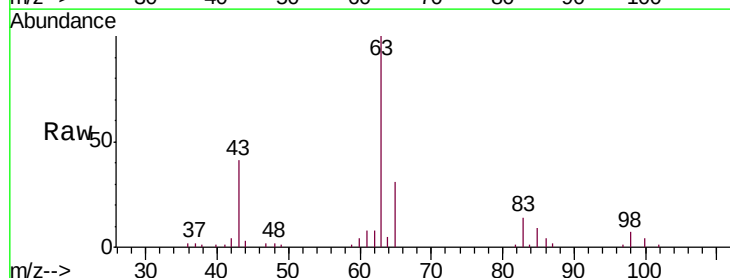
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

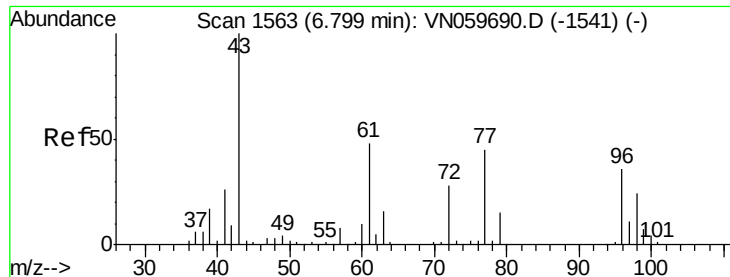
Tgt Ion: 43 Resp: 383580
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.261 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 63 Resp: 63584
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 98.690 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

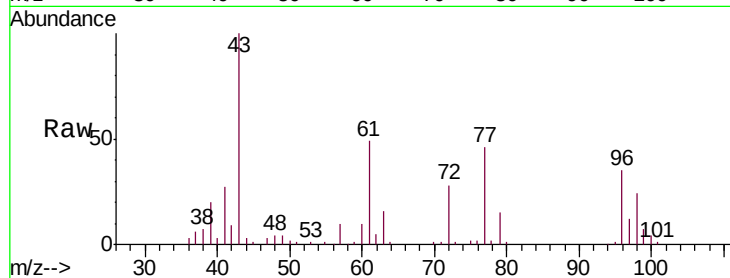
VN0131WBS01

Tgt Ion: 43 Resp: 114067

Ion Ratio Lower Upper

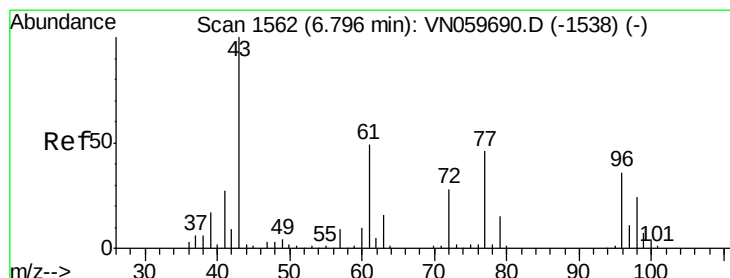
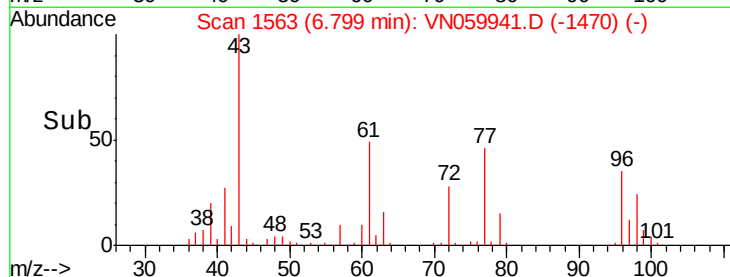
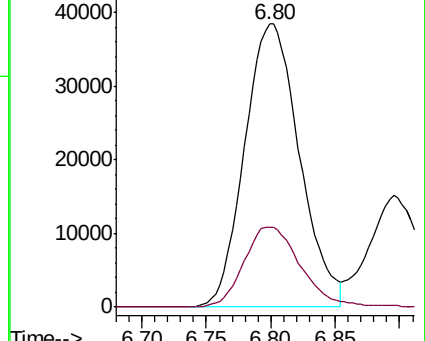
43 100

72 28.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.534 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059941.D

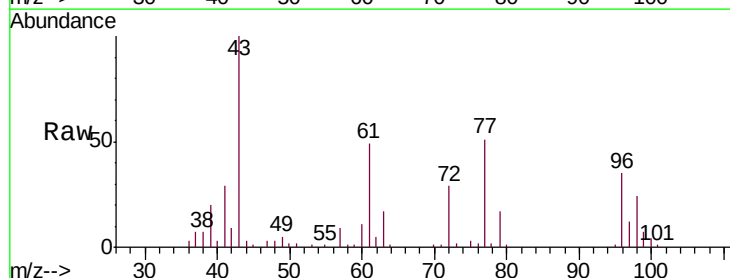
Acq: 31 Jan 2020 12:29

Tgt Ion: 77 Resp: 58936

Ion Ratio Lower Upper

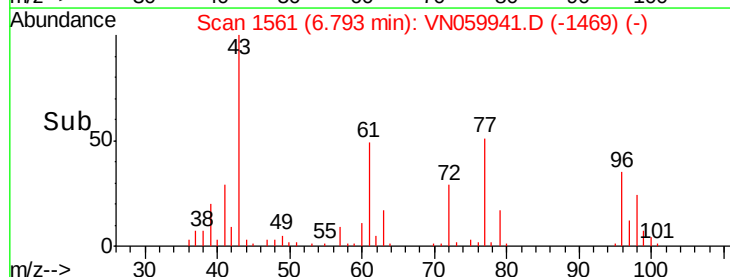
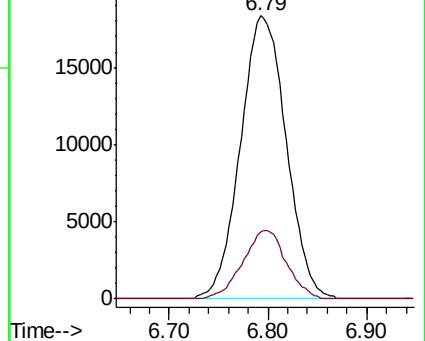
77 100

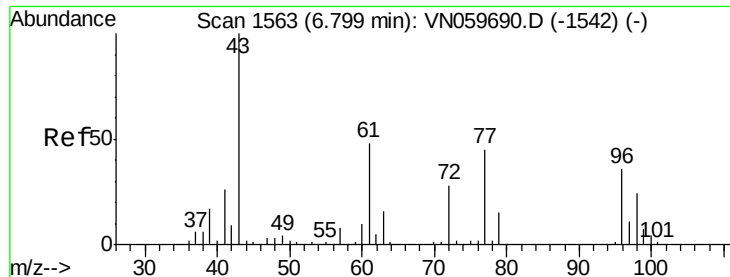
97 23.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.662 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

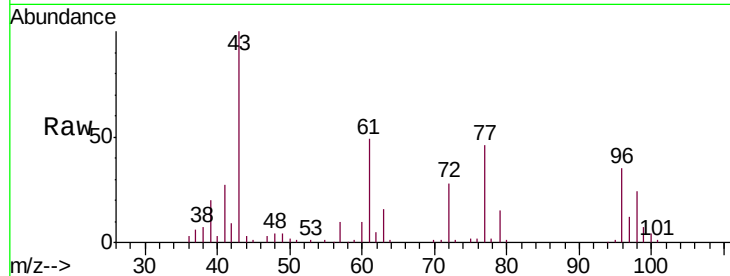
Tgt Ion: 96 Resp: 40422

Ion Ratio Lower Upper

96 100

61 139.7 0.0 317.6

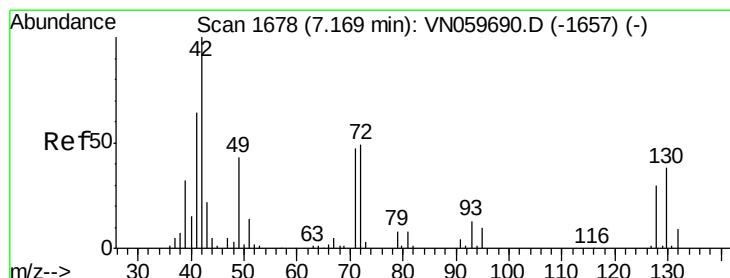
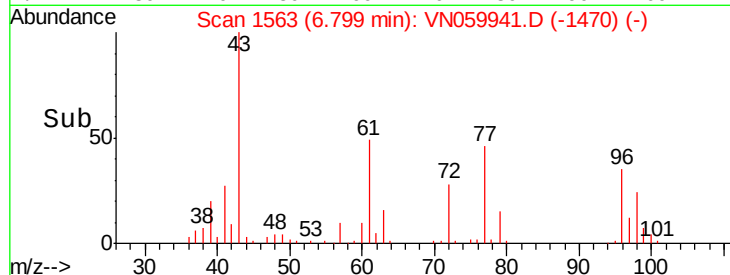
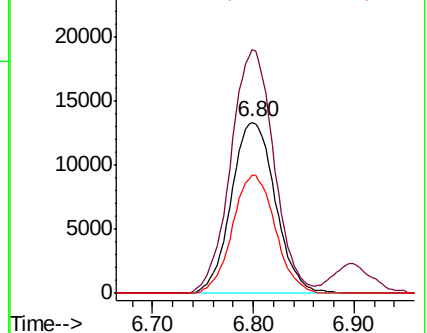
98 67.0 0.0 127.0



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: 18.946 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

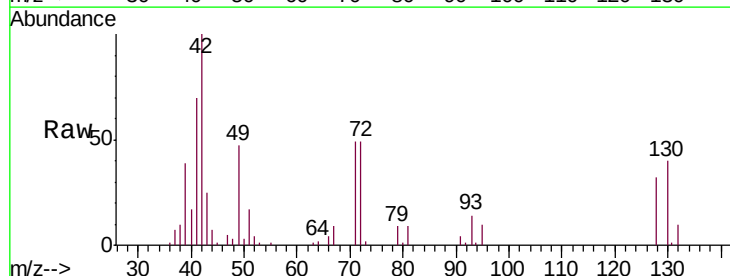
Tgt Ion: 49 Resp: 23764

Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.4

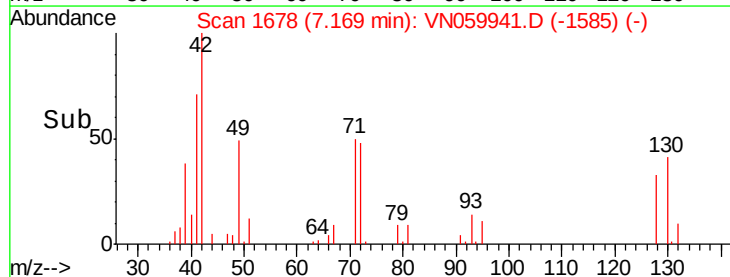
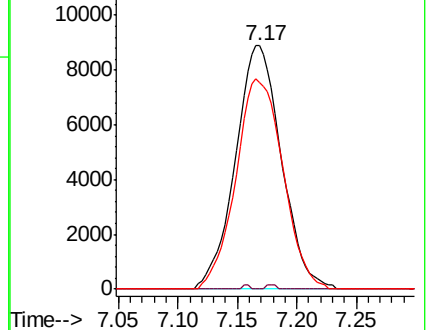
130 88.6 54.7 82.1#

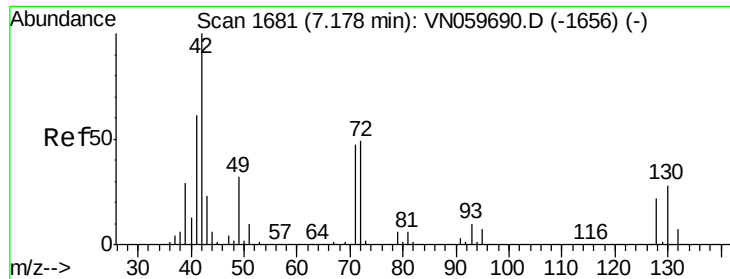


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

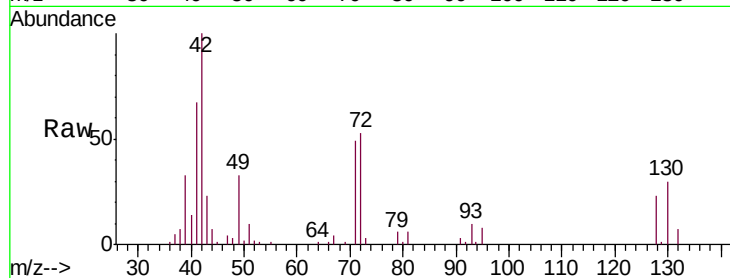




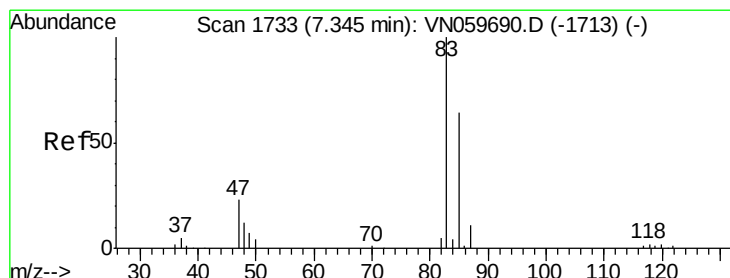
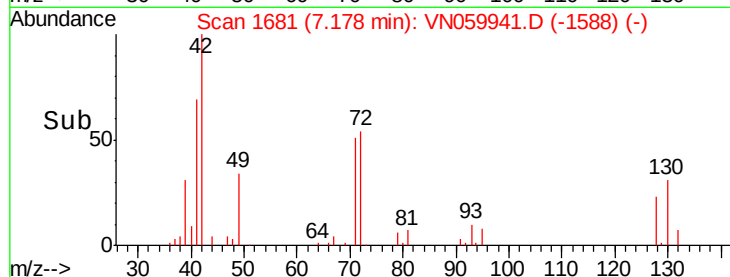
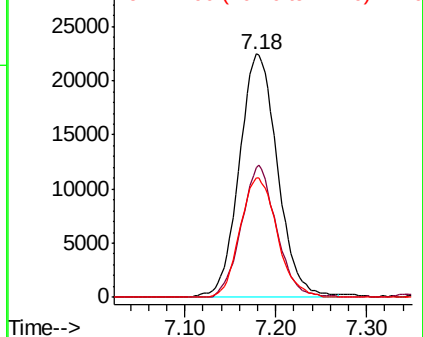
#29
Tetrahydrofuran
Concen: 91.914 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tgt Ion: 42 Resp: 65730
Ion Ratio Lower Upper
42 100
72 49.7 33.1 49.7#
71 47.6 31.4 47.0#

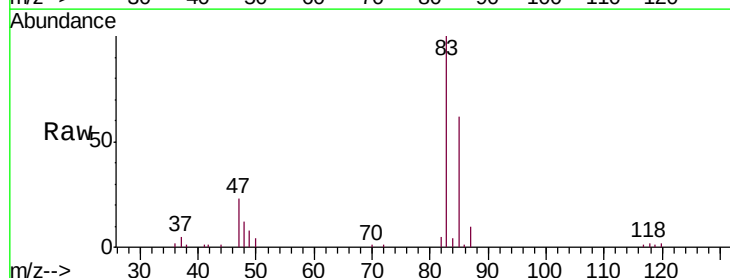


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

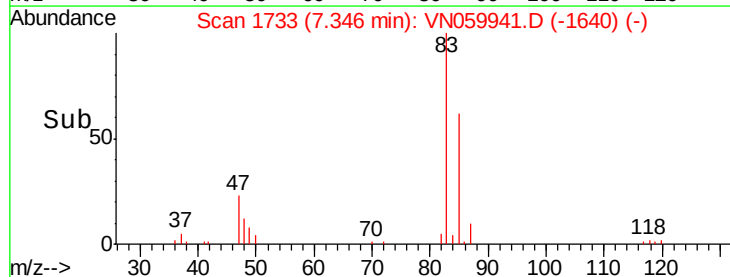
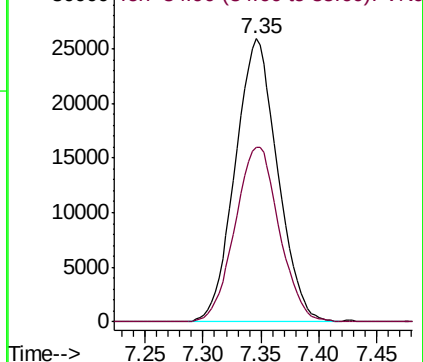


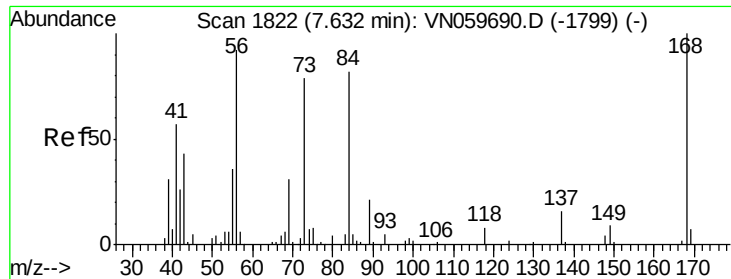
#30
Chloroform
Concen: 20.255 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 83 Resp: 65862
Ion Ratio Lower Upper
83 100
85 61.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

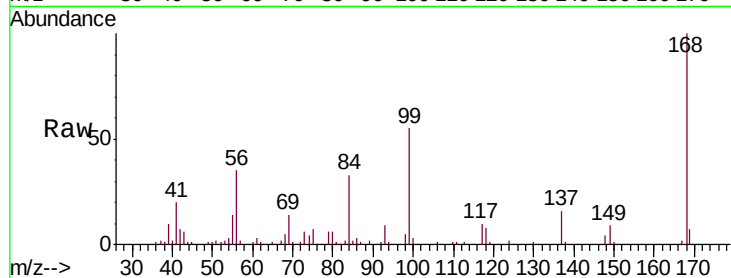




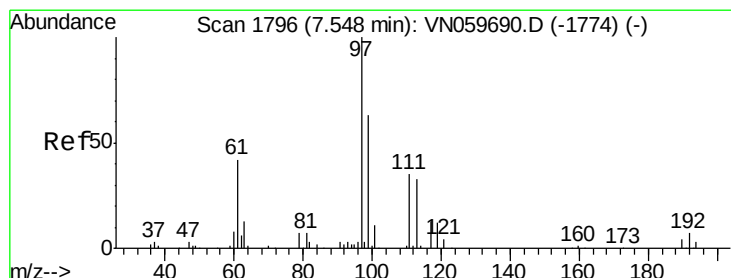
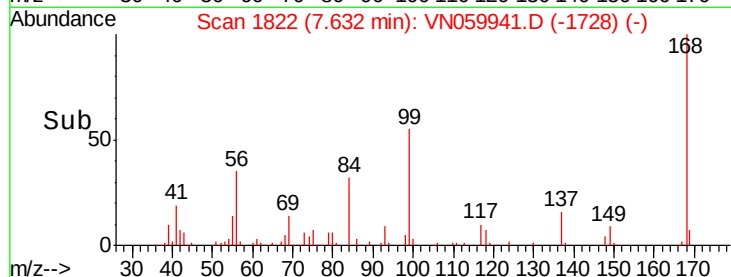
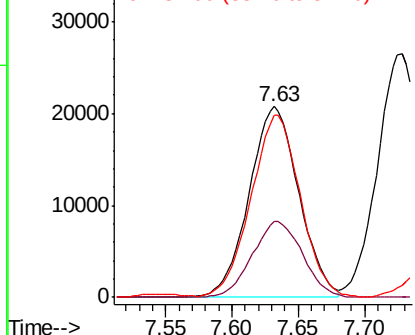
#31
Cyclohexane
Concen: 17.971 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tgt Ion: 56 Resp: 54270
Ion Ratio Lower Upper
56 100
69 39.7 26.5 39.7#
84 94.5 65.3 97.9

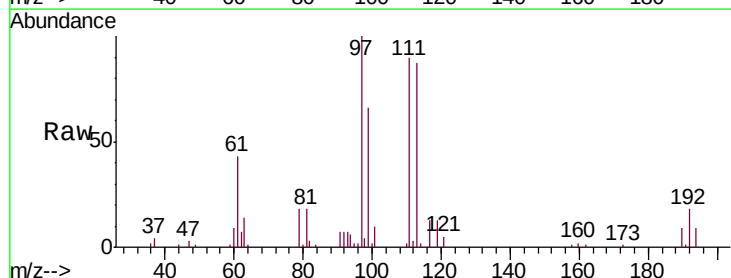


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

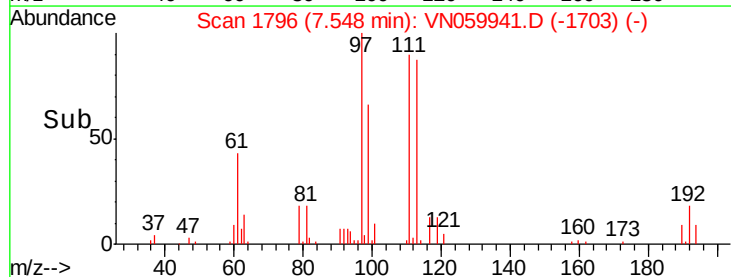
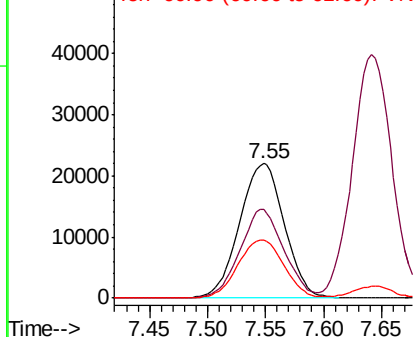


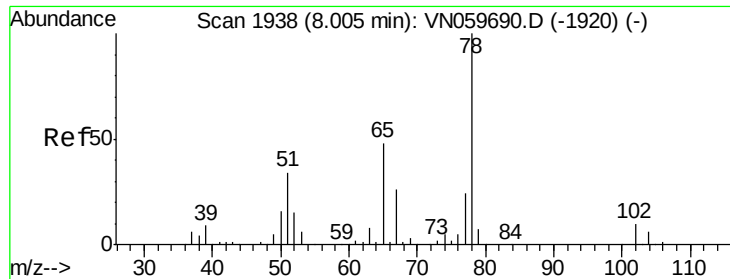
#32
1,1,1-Trichloroethane
Concen: 19.700 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 97 Resp: 59227
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 44.5 38.5 57.7



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

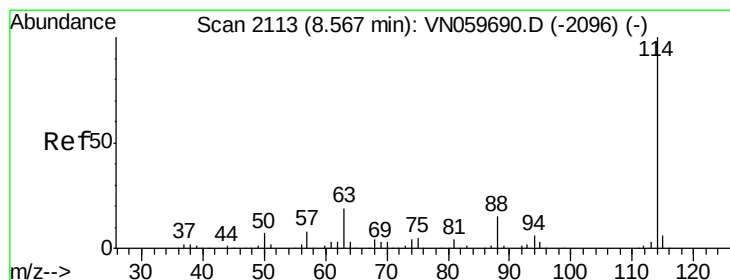
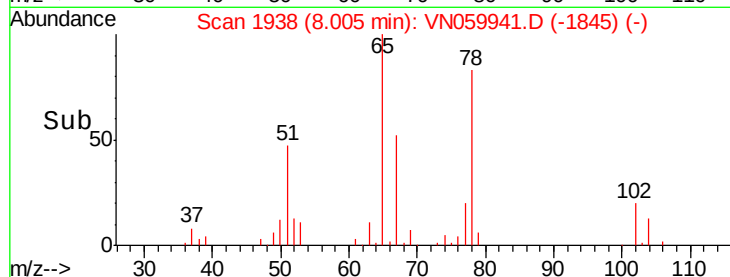
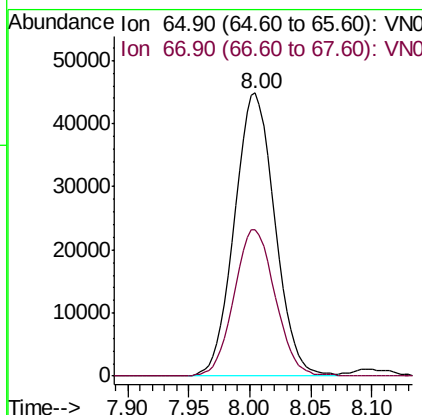
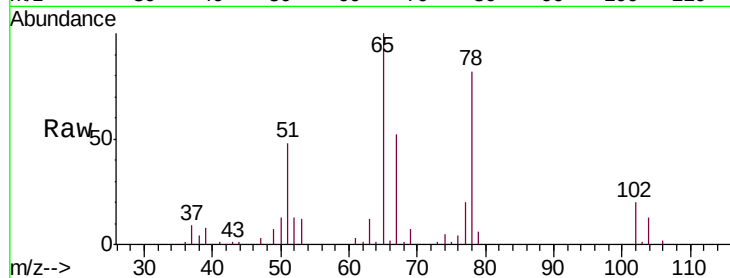




#33
 1,2-Dichloroethane-d4
 Concen: 50.523 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

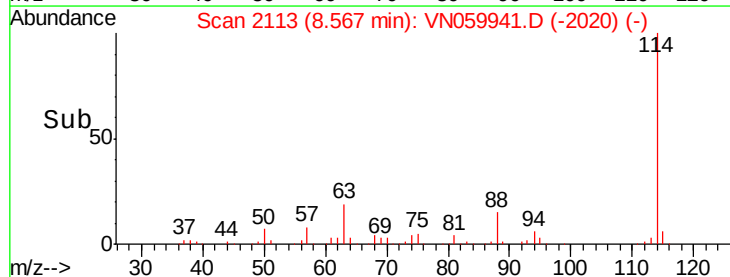
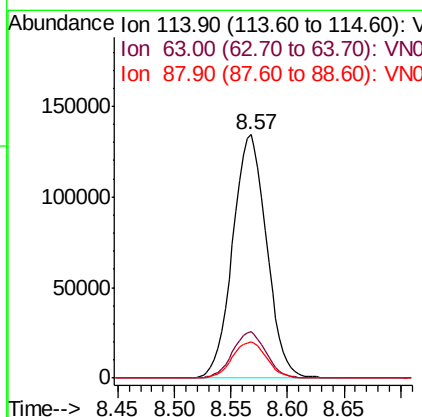
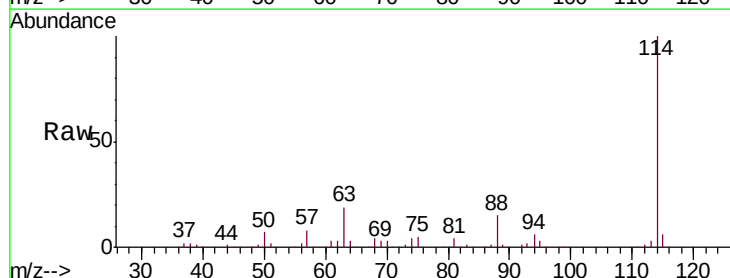
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

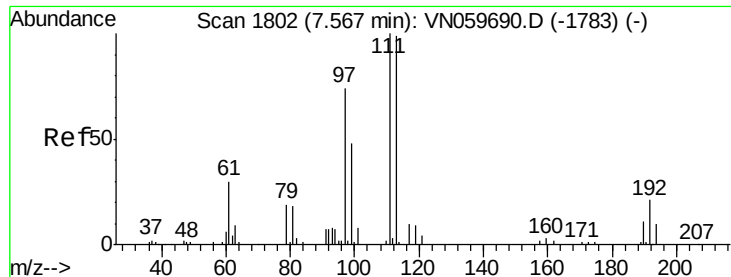
Tgt Ion: 65 Resp: 103118
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 114 Resp: 280249
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 14.8 0.0 31.4

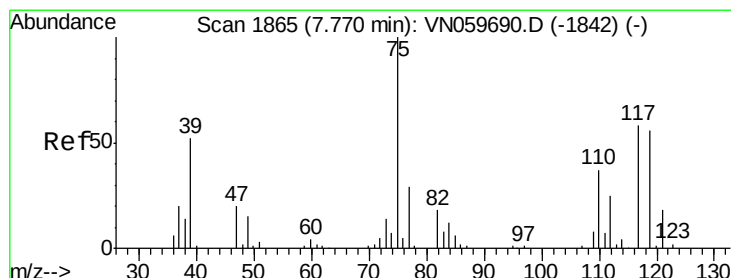
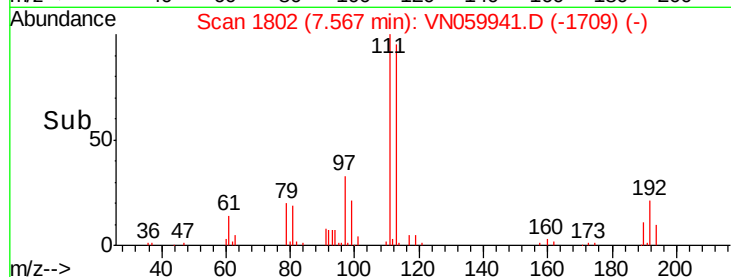
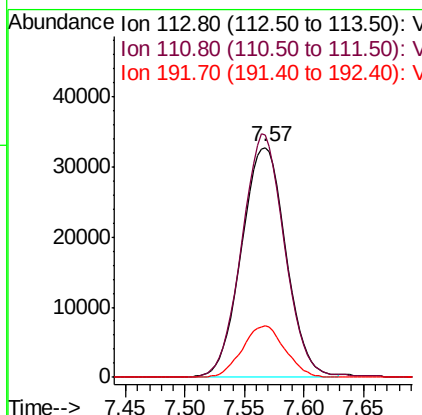
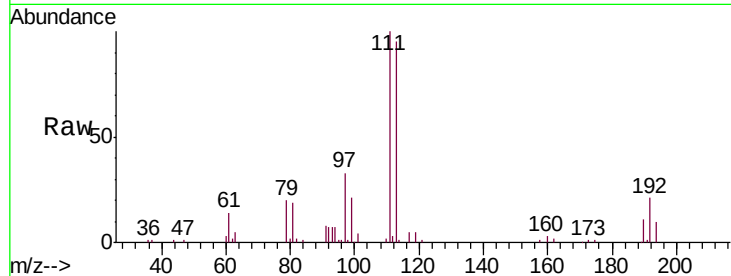




#35
 Dibromofluoromethane
 Concen: 50.795 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

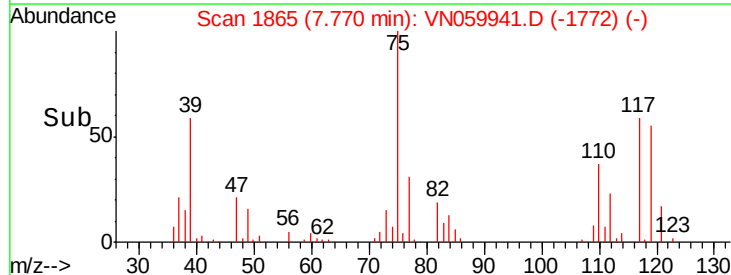
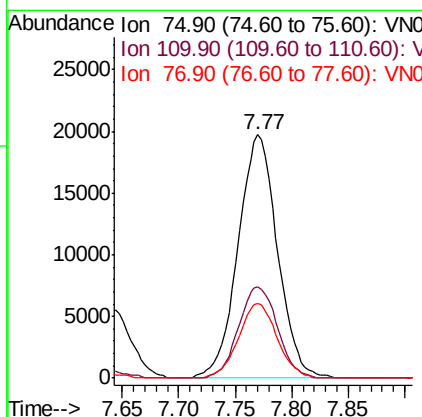
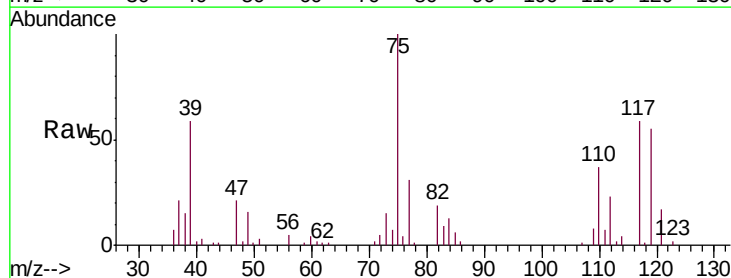
Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBS01

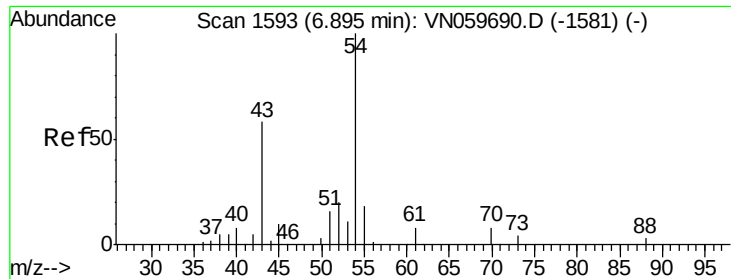
Tgt Ion: 113 Resp: 84891
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.5 125.3
 192 21.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 19.595 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 75 Resp: 47822
 Ion Ratio Lower Upper
 75 100
 110 36.9 16.6 49.7
 77 30.0 25.1 37.7

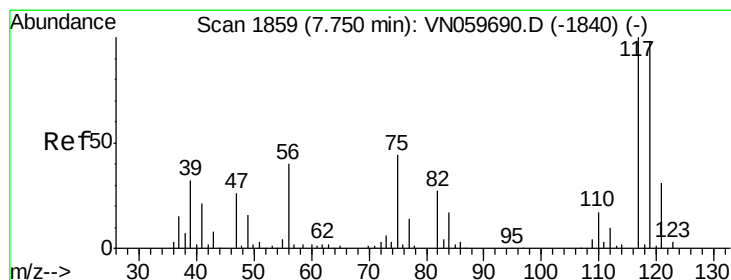
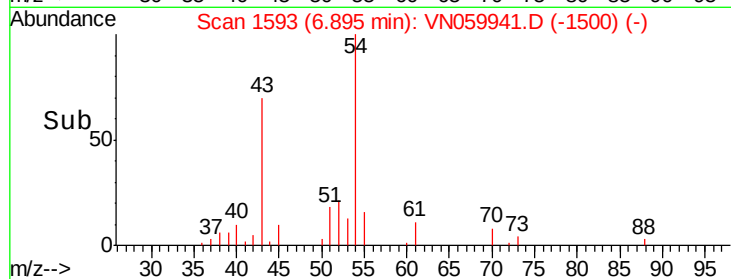
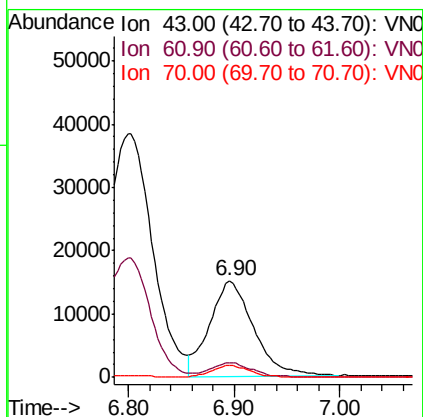
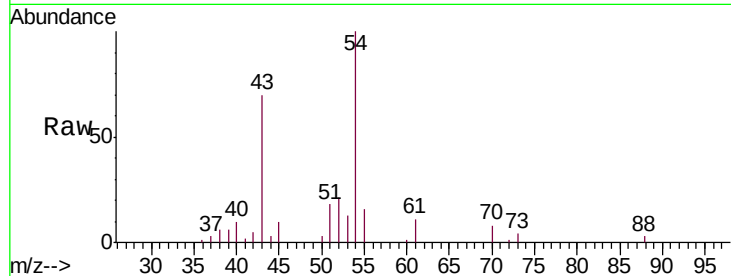




#37
Ethyl Acetate
Concen: 18.891 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

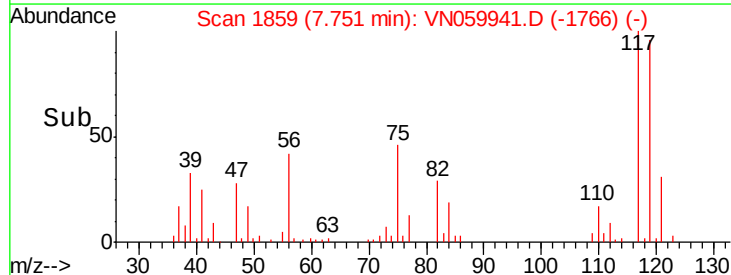
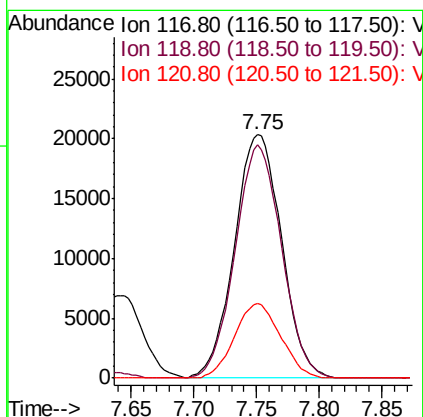
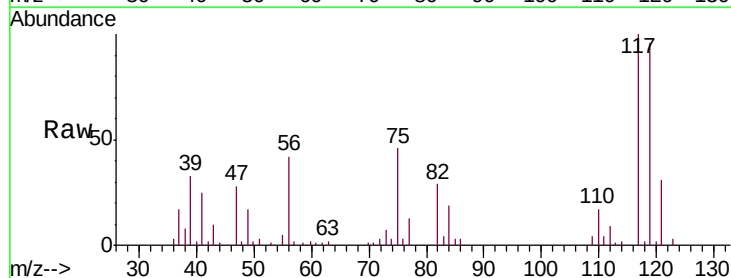
Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

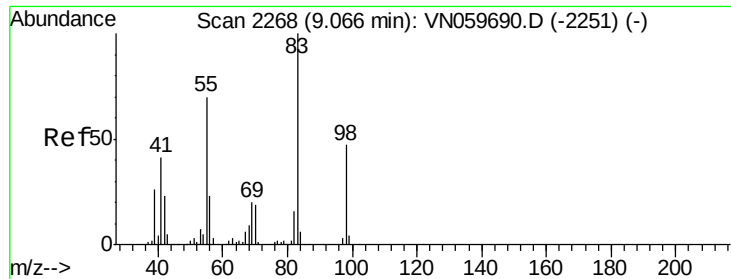
Tgt Ion: 43 Resp: 43242
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 11.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.025 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 117 Resp: 53163
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.7 25.1 37.7

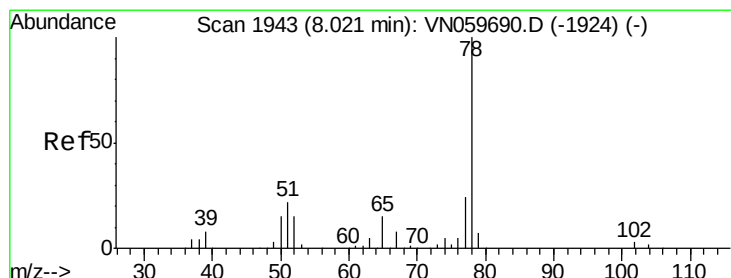
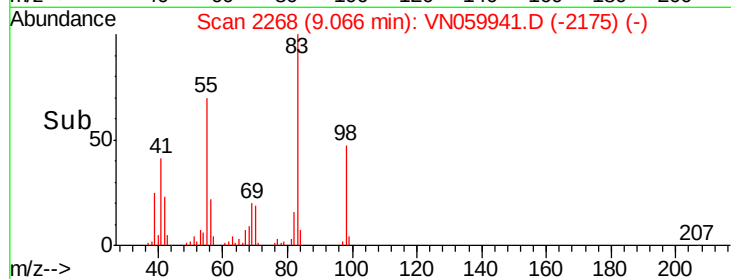
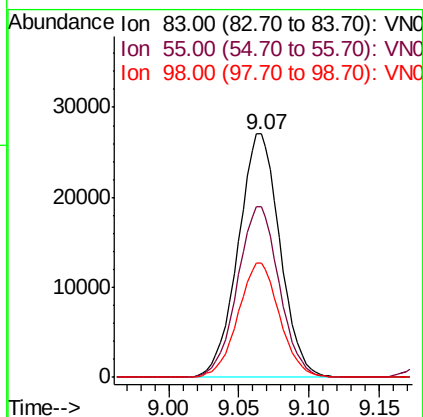
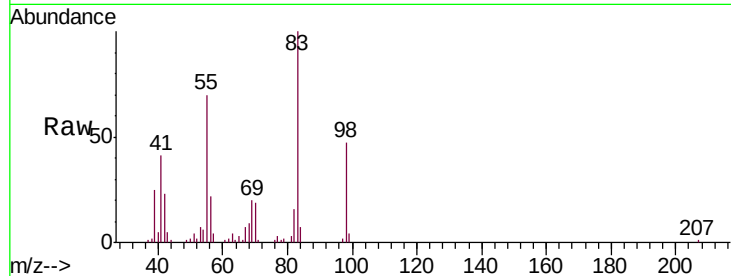




#39
Methylcyclohexane
Concen: 18.644 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

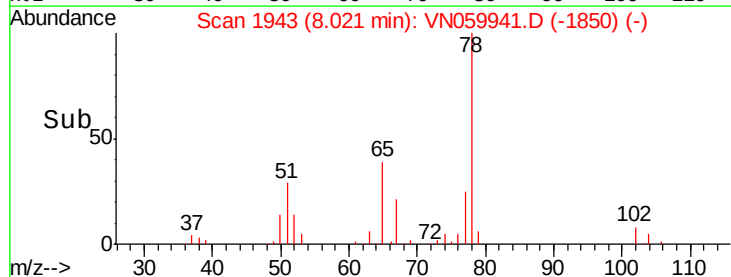
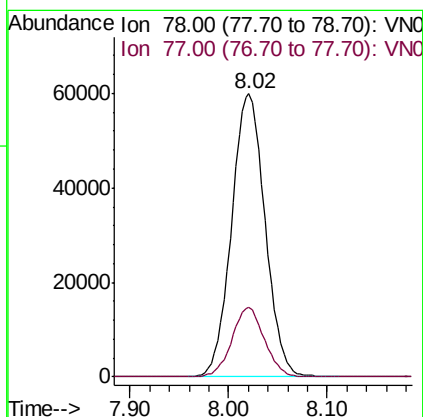
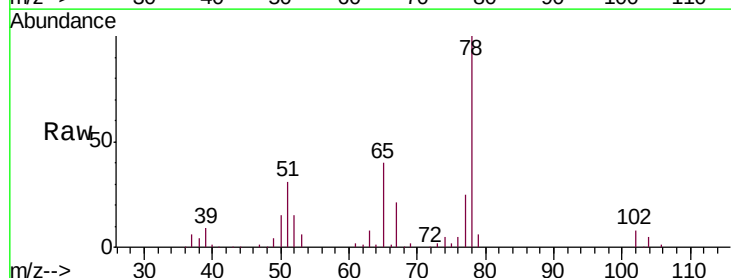
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

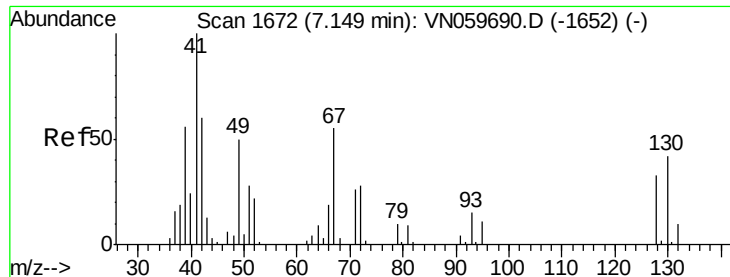
Tgt Ion: 83 Resp: 56103
Ion Ratio Lower Upper
83 100
55 69.9 64.2 96.2
98 47.1 35.9 53.9



#40
Benzene
Concen: 19.428 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 78 Resp: 141408
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

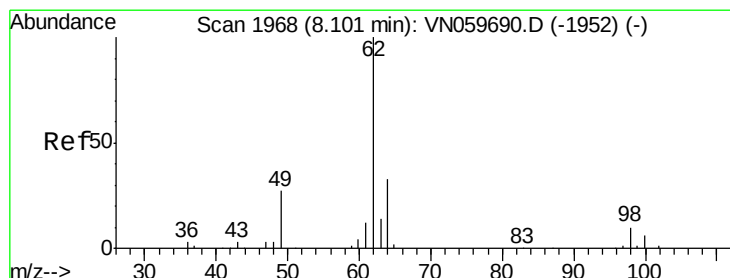
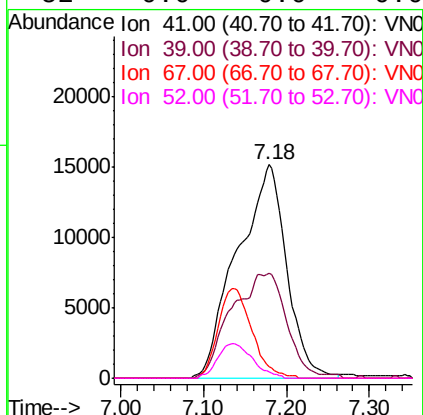
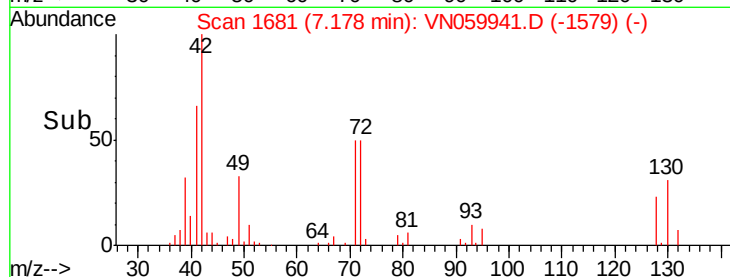
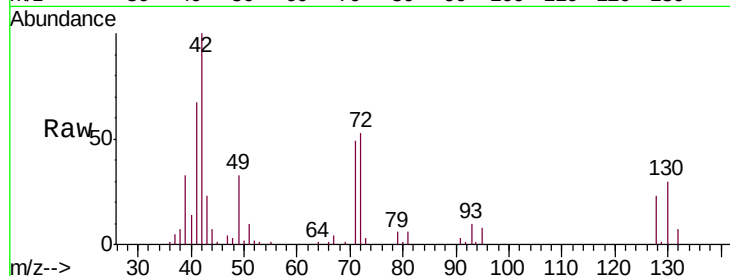




#41
Methacrylonitrile
Concen: 55.516 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

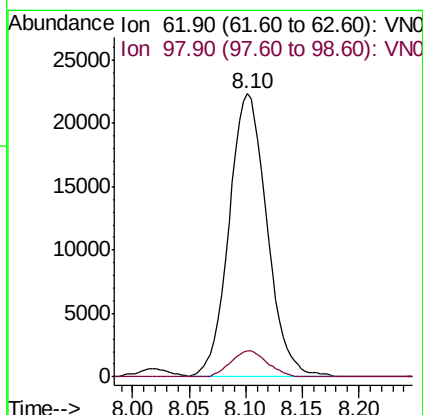
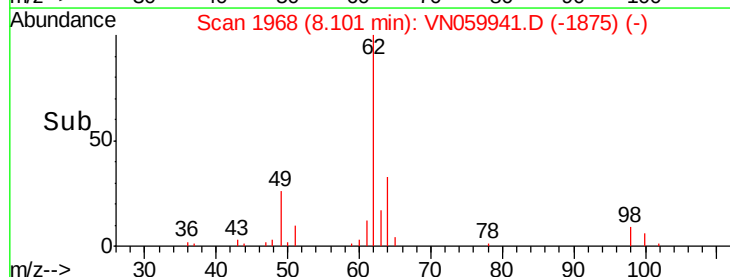
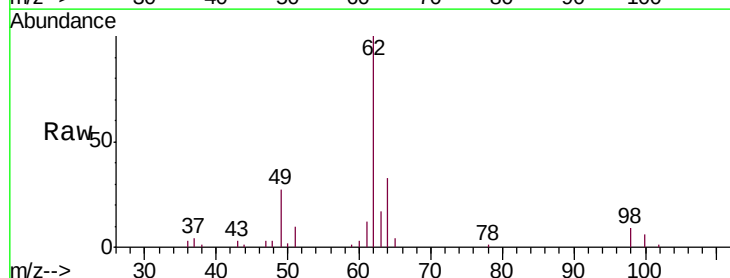
Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

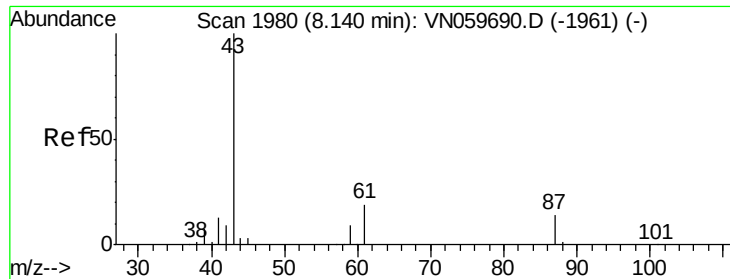
Tgt Ion:	41	Resp:	62592
Ion	Ratio	Lower	Upper
41	100		
39	32.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.108 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion:	62	Resp:	52090
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.992 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

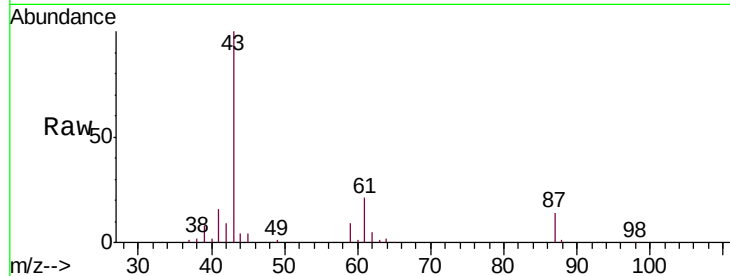
Tgt Ion: 43 Resp: 74773

Ion Ratio Lower Upper

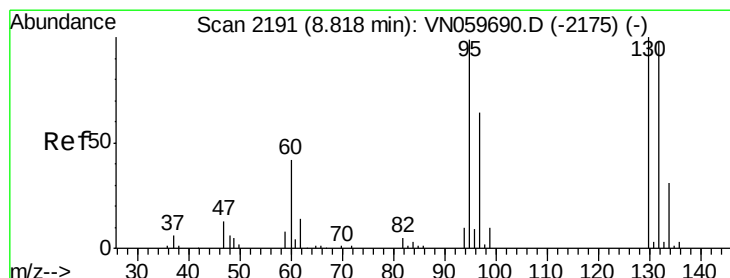
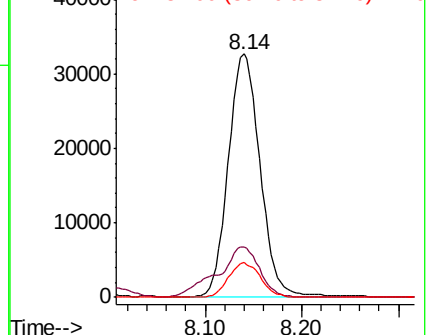
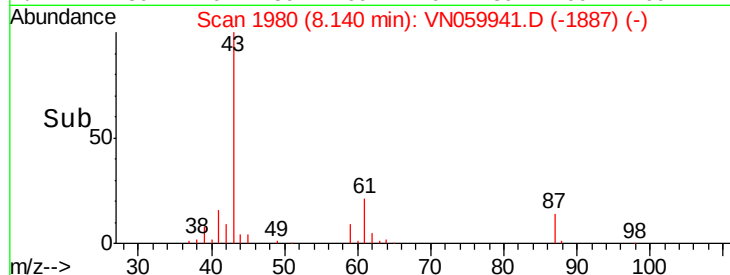
43 100

61 27.4 20.2 30.2

87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059941.D (-2098) (-)



#44

Trichloroethene

Concen: 20.673 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059941.D

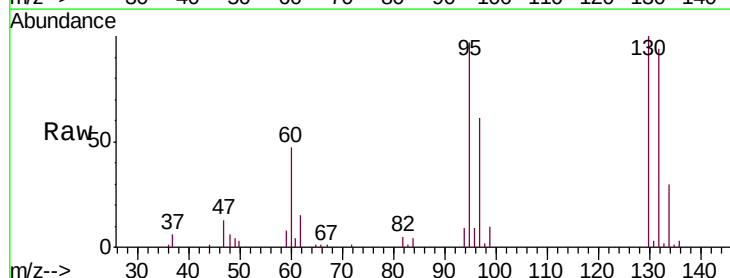
Acq: 31 Jan 2020 12:29

Tgt Ion: 130 Resp: 41076

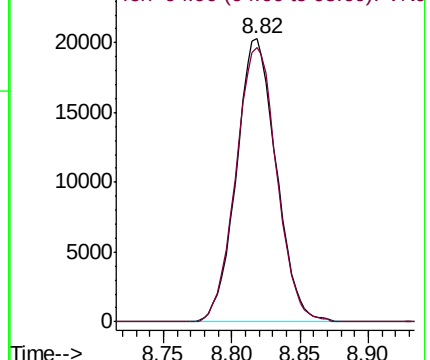
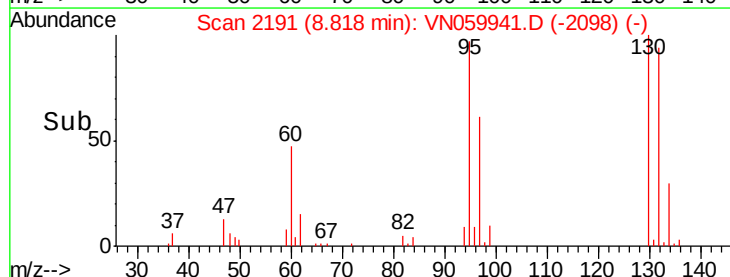
Ion Ratio Lower Upper

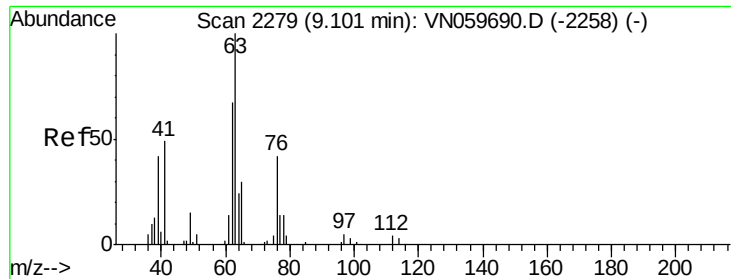
130 100

95 97.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059941.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 20.546 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

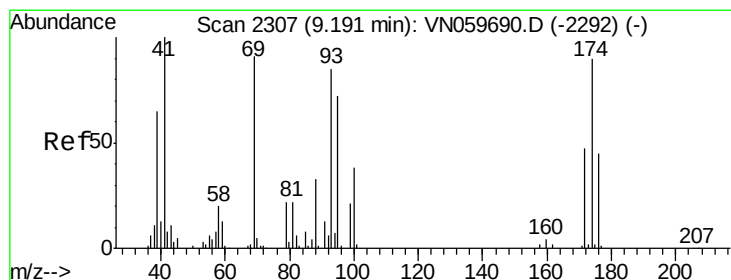
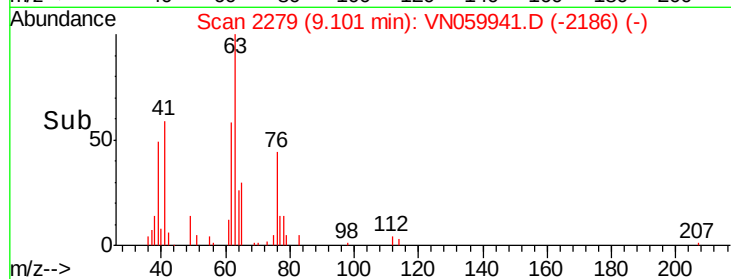
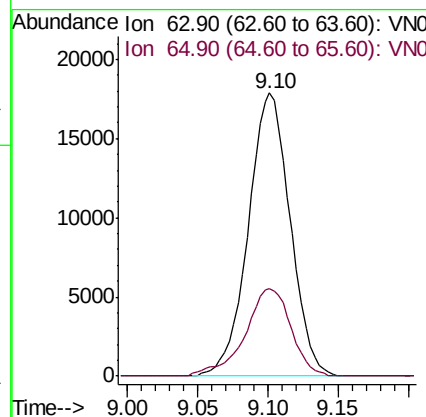
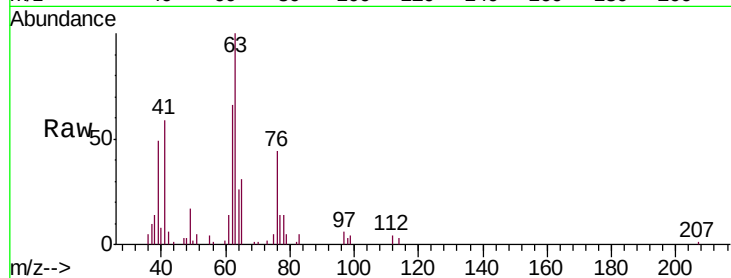
VN0131WBS01

Tgt Ion: 63 Resp: 37004

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 20.400 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

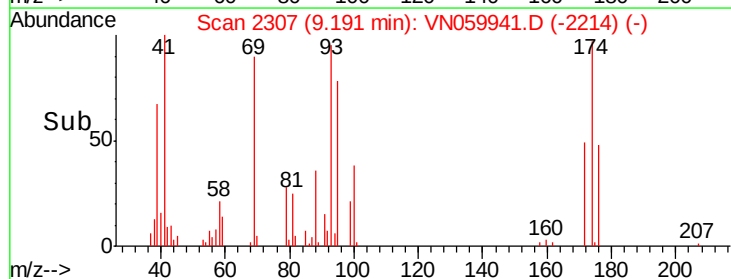
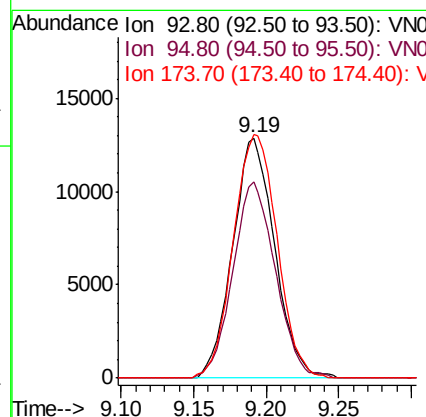
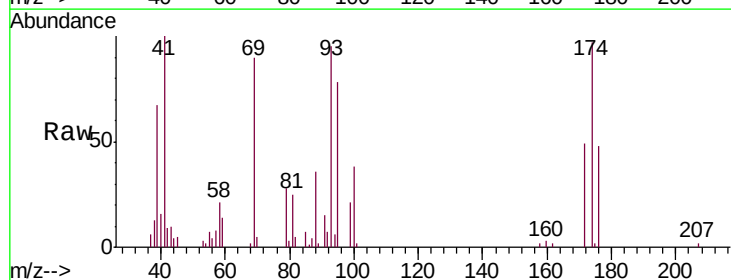
Tgt Ion: 93 Resp: 25918

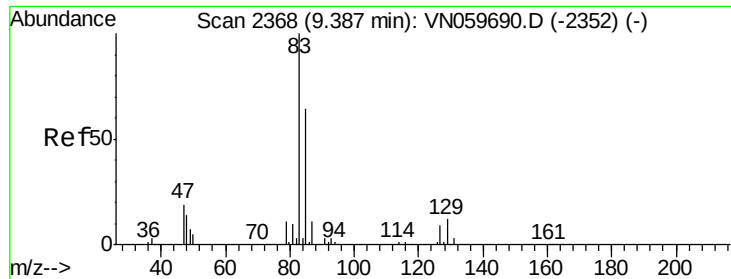
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

174 105.7 73.4 110.2

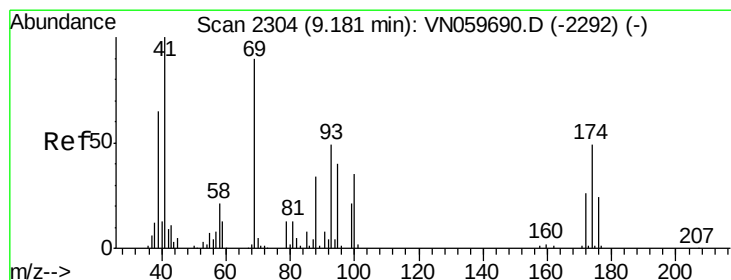
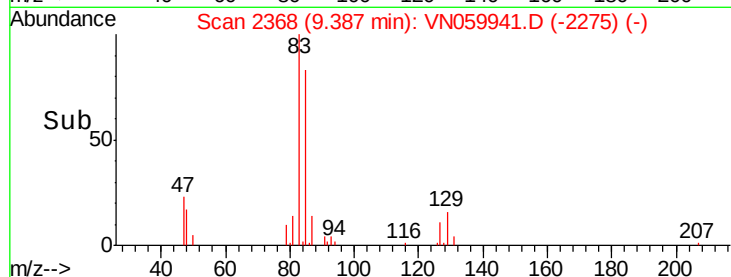
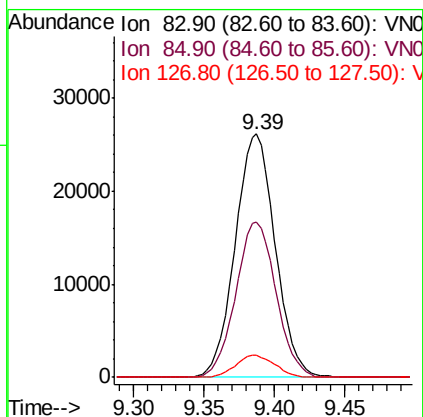
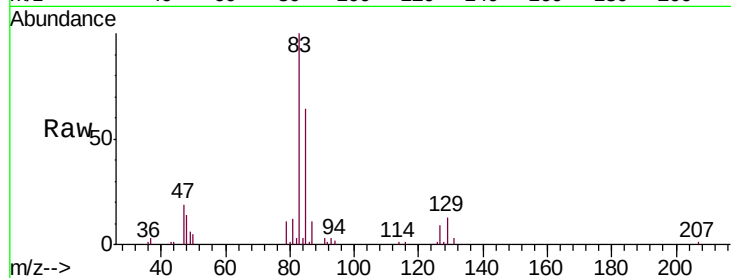




#47
Bromodichloromethane
Concen: 20.276 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

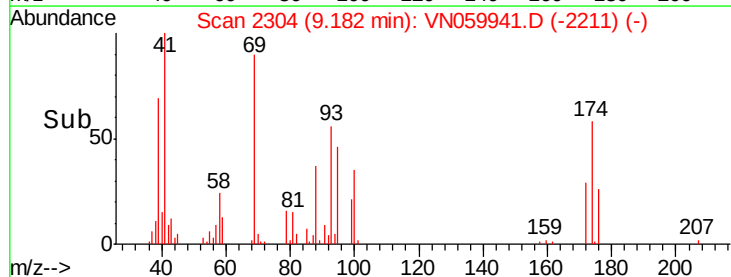
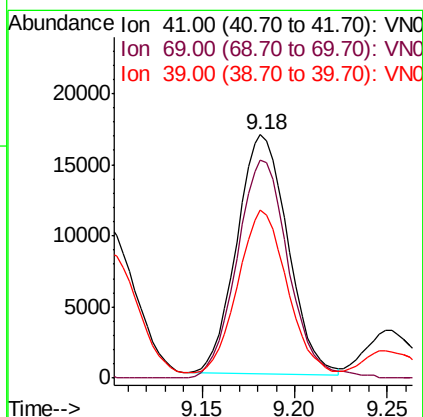
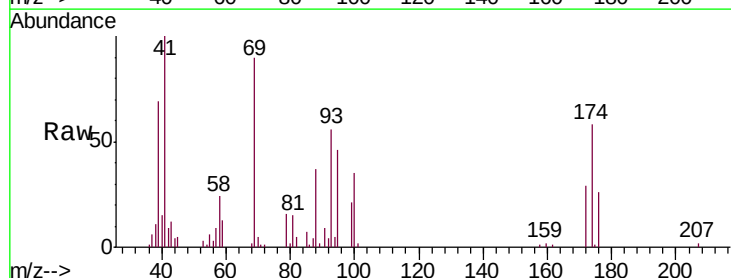
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

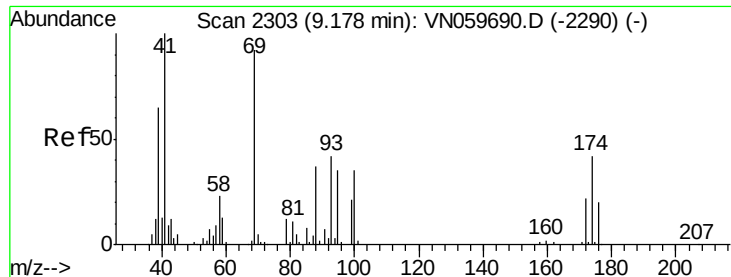
Tgt Ion: 83 Resp: 51912
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.9 6.6 9.8



#48
Methyl methacrylate
Concen: 18.349 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 41 Resp: 32314
Ion Ratio Lower Upper
41 100
69 92.2 64.4 96.6
39 70.1 51.3 76.9

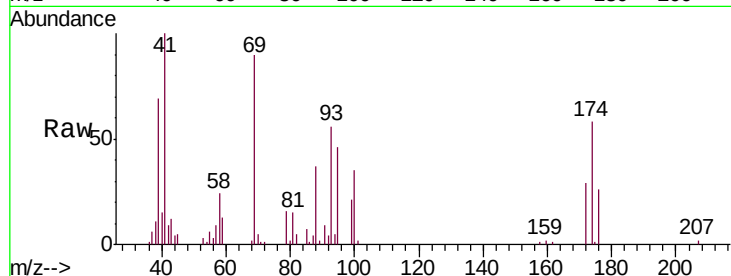




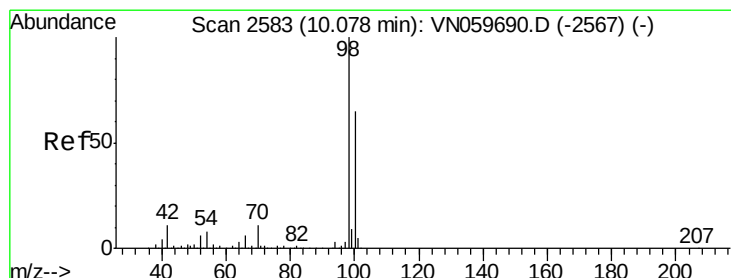
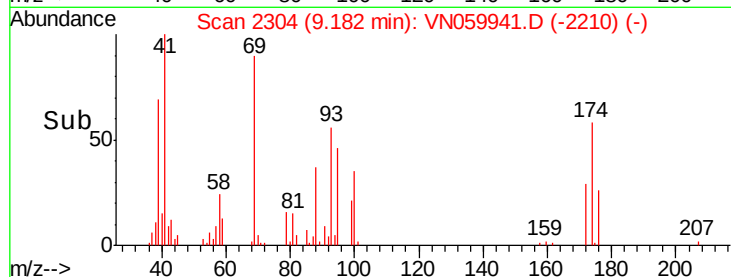
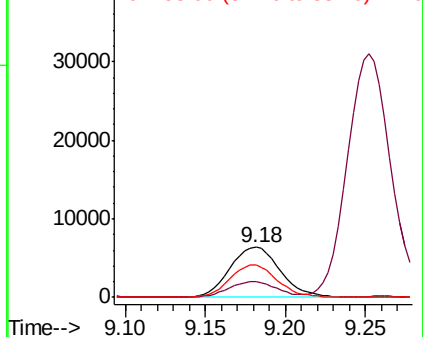
#49
 1,4-Dioxane
 Concen: 422.780 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tgt Ion: 88 Resp: 13630
 Ion Ratio Lower Upper
 88 100
 43 30.1 29.7 44.5
 58 60.8 56.6 85.0

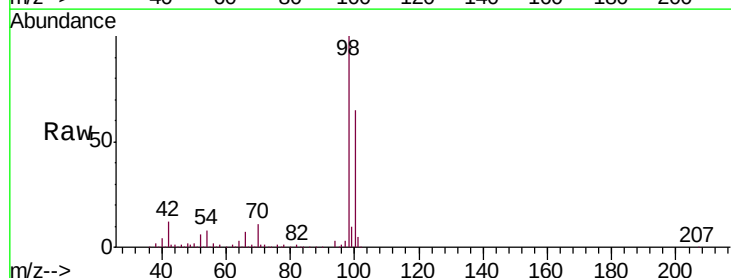


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

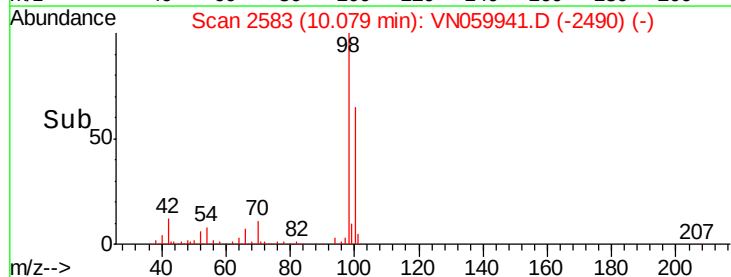
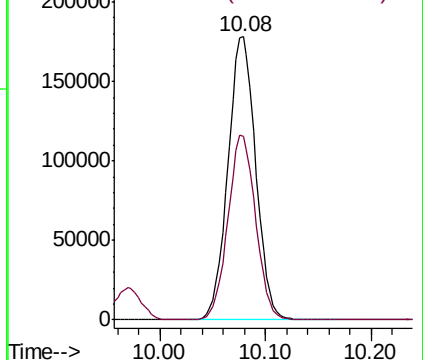


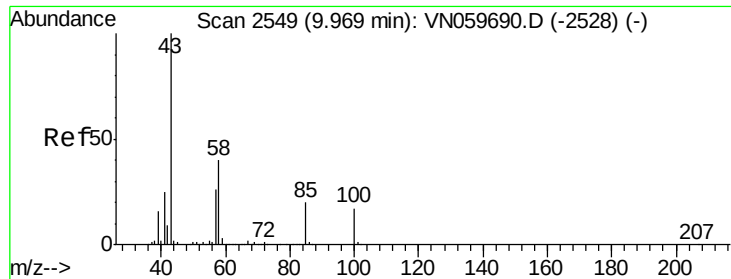
#50
 Toluene-d8
 Concen: 50.111 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 98 Resp: 324482
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

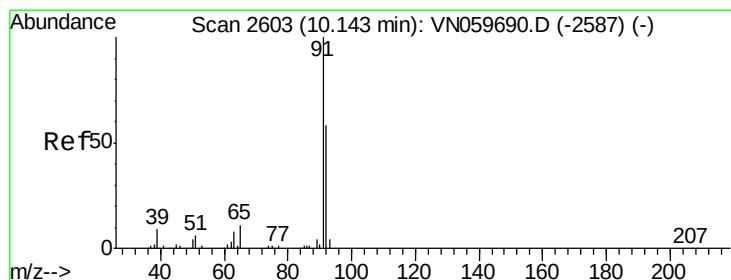
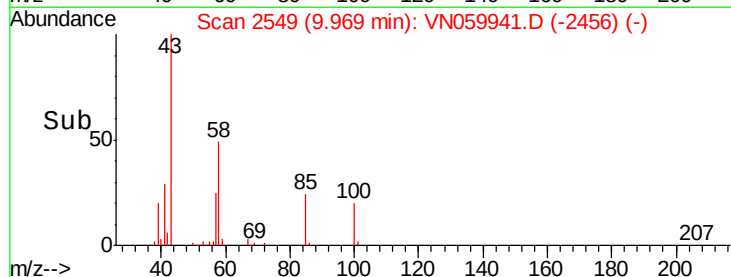
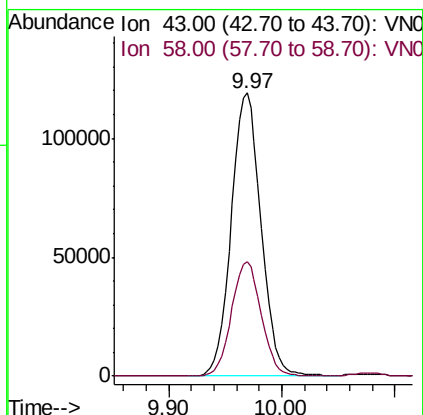
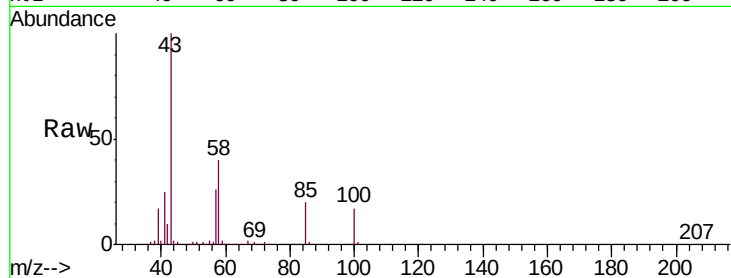




#51
 4-Methyl-2-Pentanone
 Concen: 95.979 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

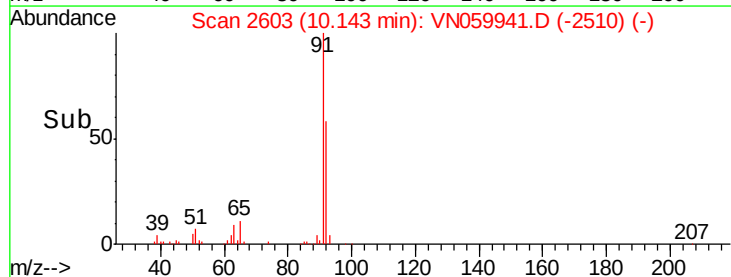
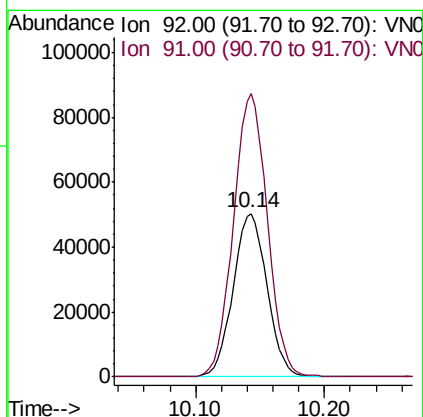
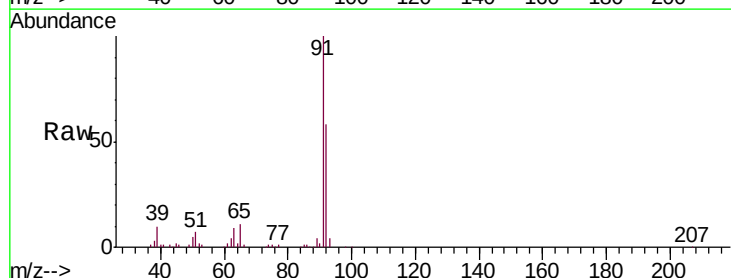
Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBS01

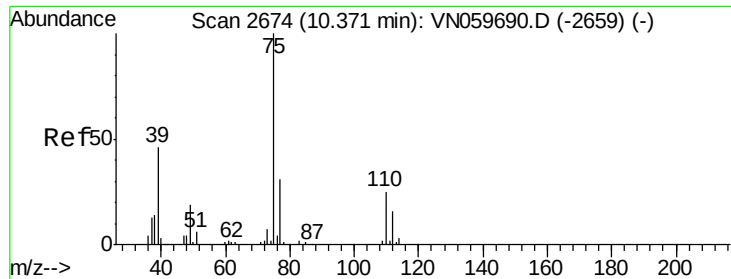
Tgt Ion: 43 Resp: 218443
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.8 44.8



#52
 Toluene
 Concen: 20.001 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 92 Resp: 91955
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.217 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

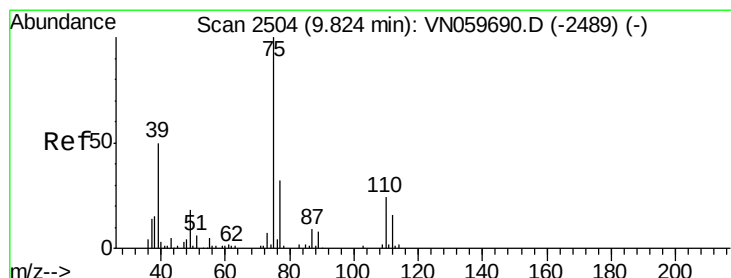
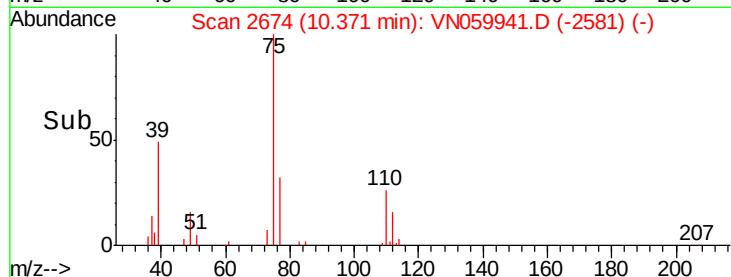
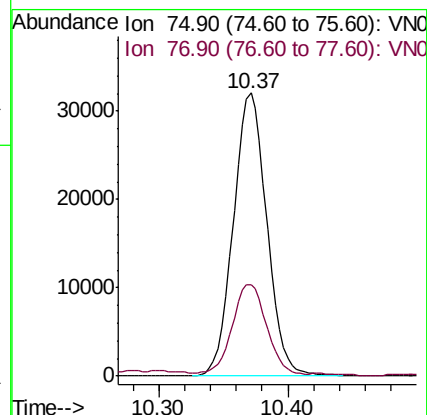
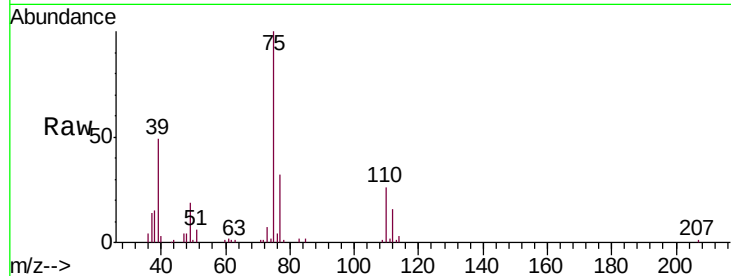
VN0131WBS01

Tgt Ion: 75 Resp: 57796

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.561 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

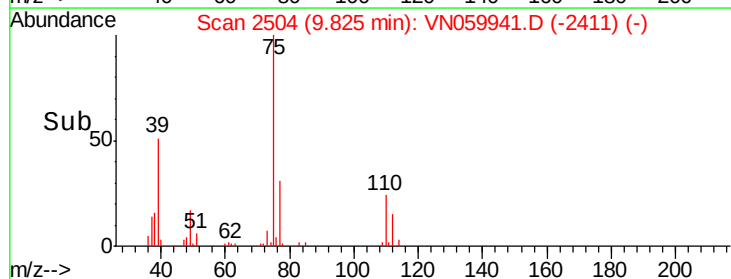
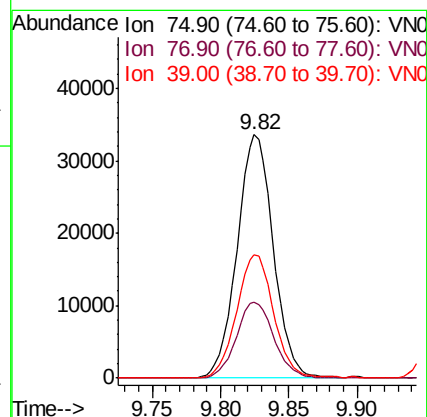
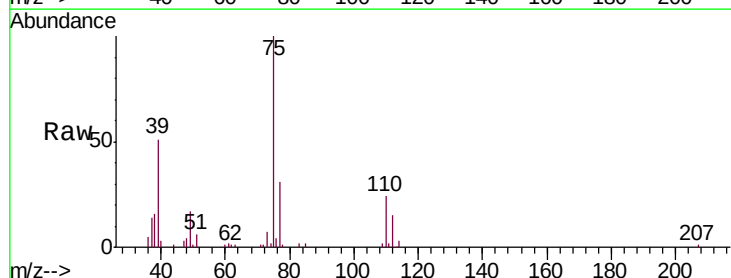
Tgt Ion: 75 Resp: 61844

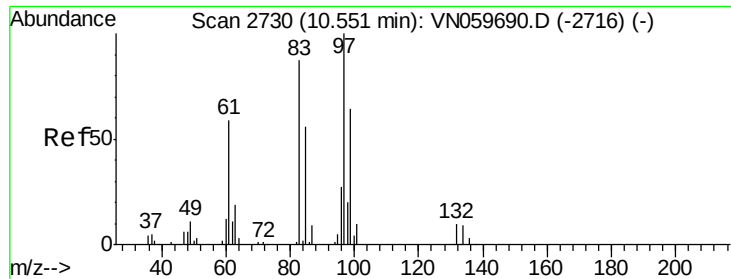
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 50.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.685 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tgt Ion: 97 Resp: 37665

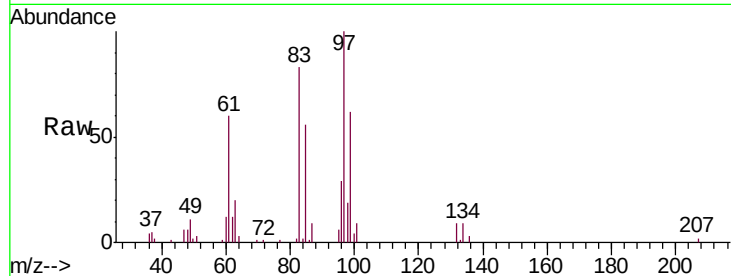
Ion Ratio Lower Upper

97 100

83 83.4 71.3 106.9

85 56.2 45.8 68.8

99 62.0 50.0 75.0

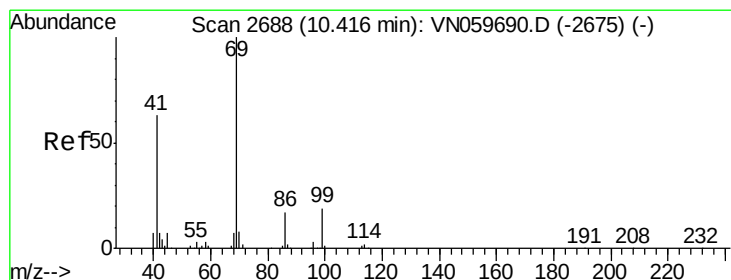
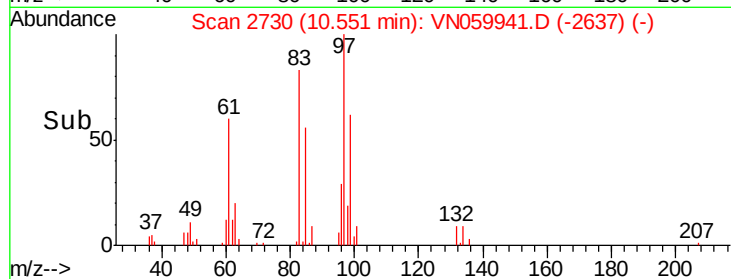
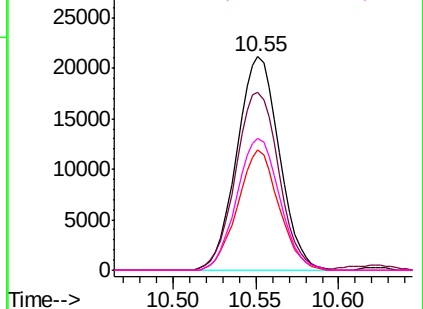


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.775 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

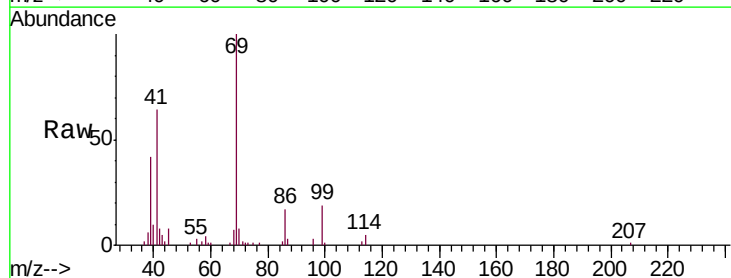
Tgt Ion: 69 Resp: 52236

Ion Ratio Lower Upper

69 100

41 63.0 57.1 85.7

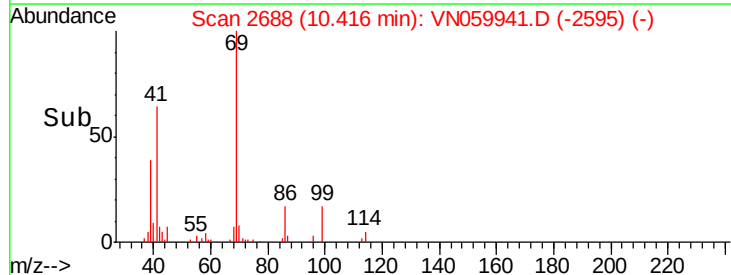
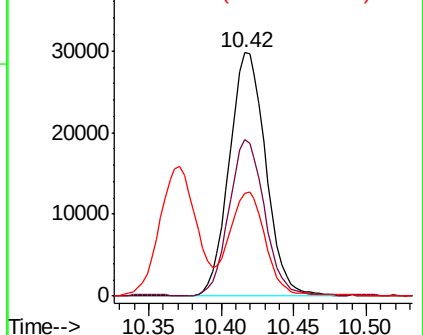
39 43.3 34.7 52.1

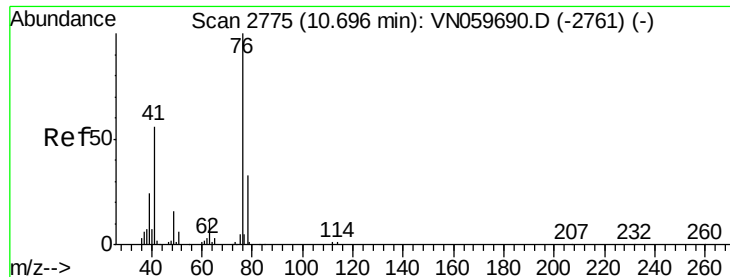


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.802 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

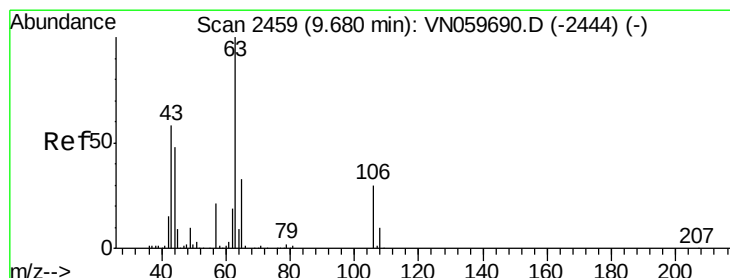
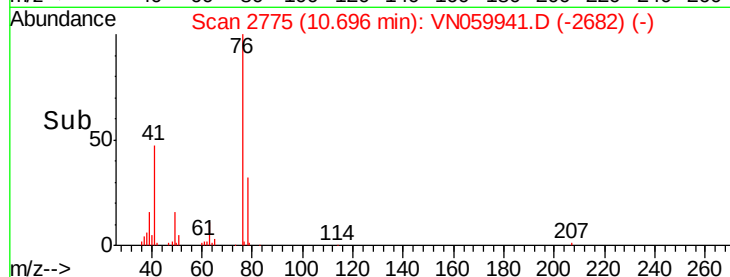
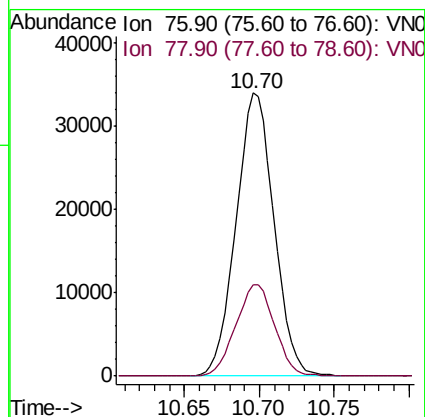
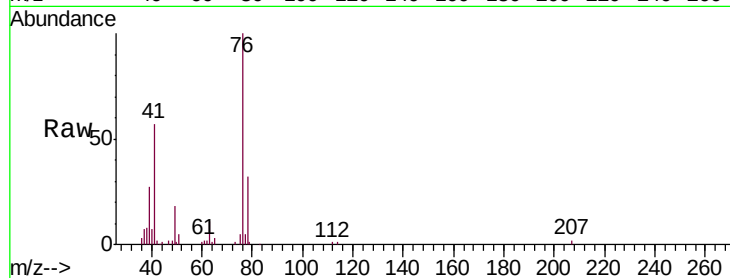
VN0131WBS01

Tgt Ion: 76 Resp: 60134

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.483 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059941.D

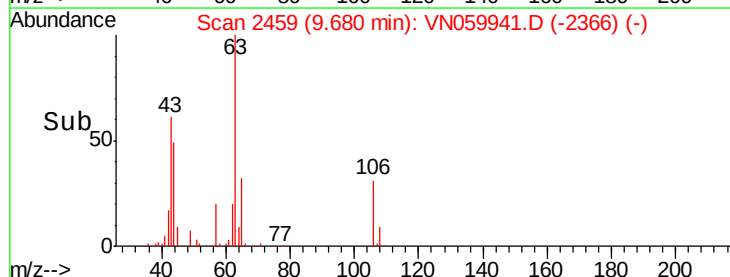
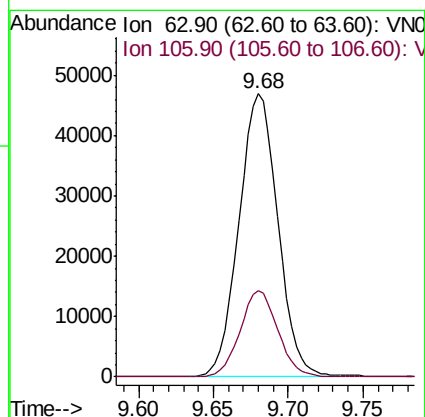
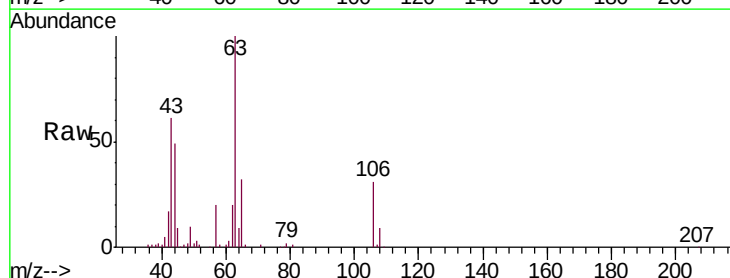
Acq: 31 Jan 2020 12:29

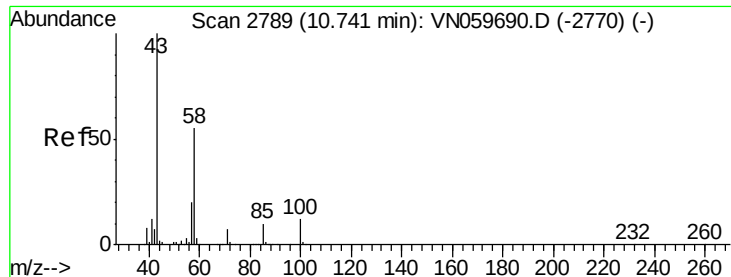
Tgt Ion: 63 Resp: 85045

Ion Ratio Lower Upper

63 100

106 29.5 20.2 30.2

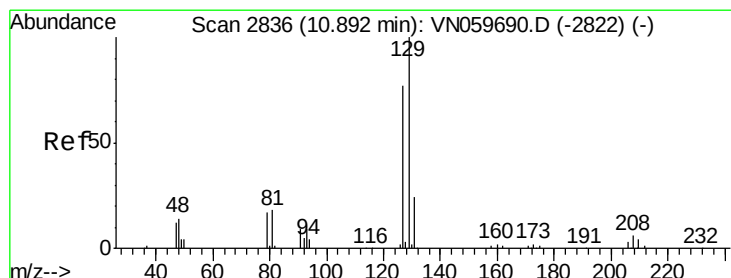
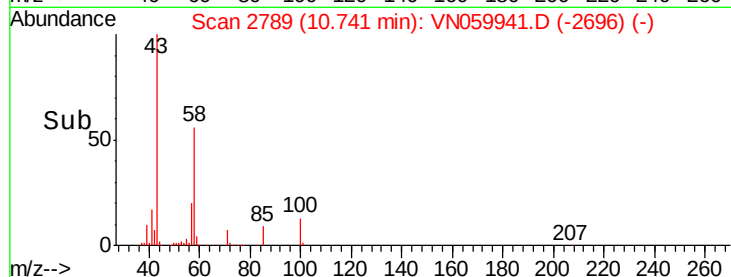
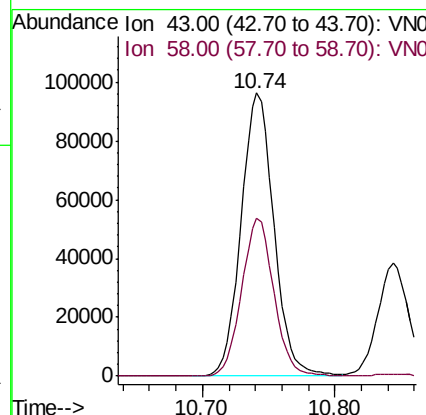
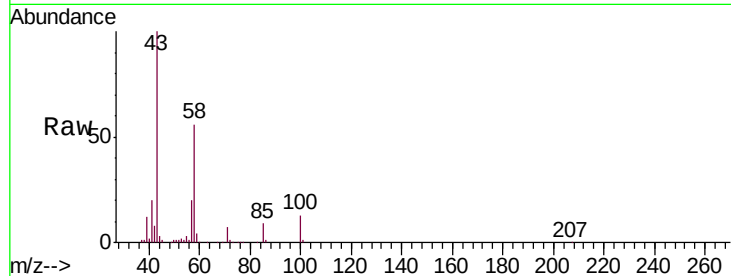




#59
2-Hexanone
Concen: 98.115 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

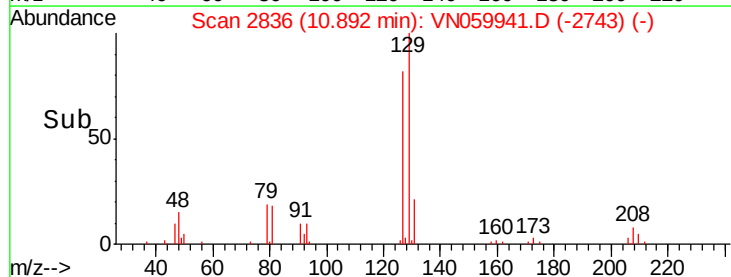
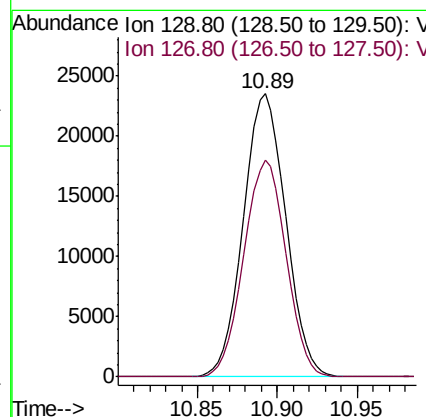
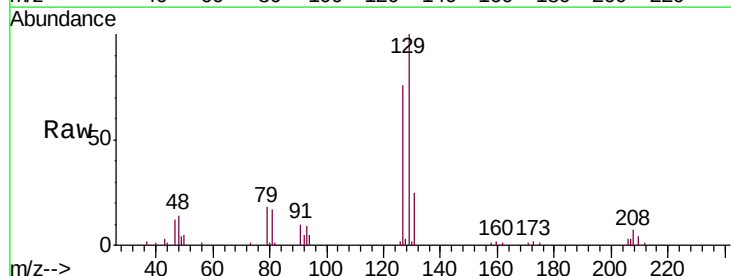
Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

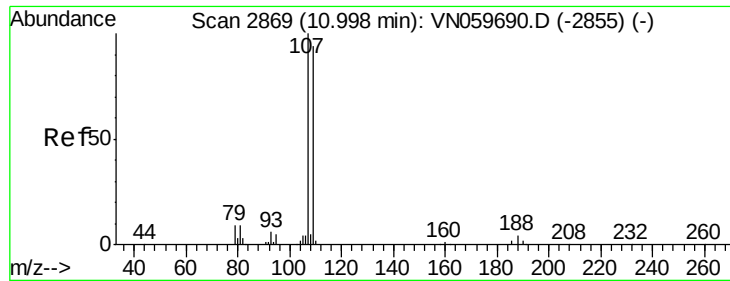
Tgt Ion: 43 Resp: 164509
Ion Ratio Lower Upper
43 100
58 55.1 25.8 77.3



#60
Dibromochloromethane
Concen: 20.557 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 129 Resp: 42625
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

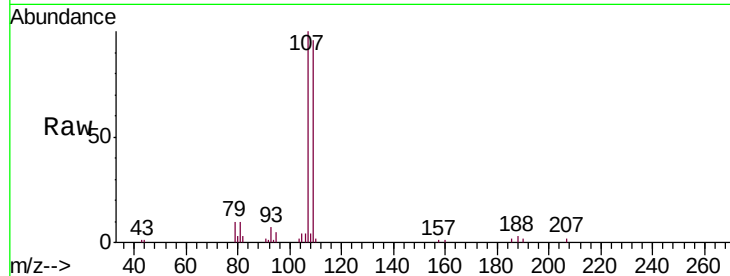
VN0131WBS01

Tgt Ion: 107 Resp: 38161

Ion Ratio Lower Upper

107 100

109 95.7 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

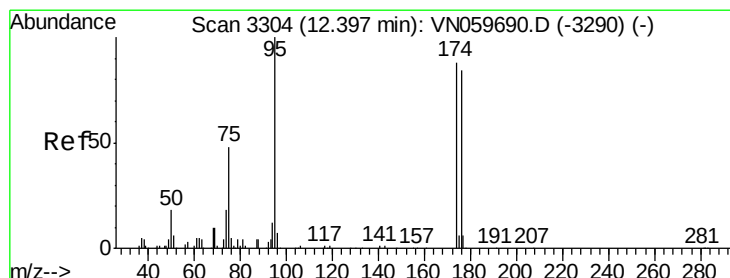
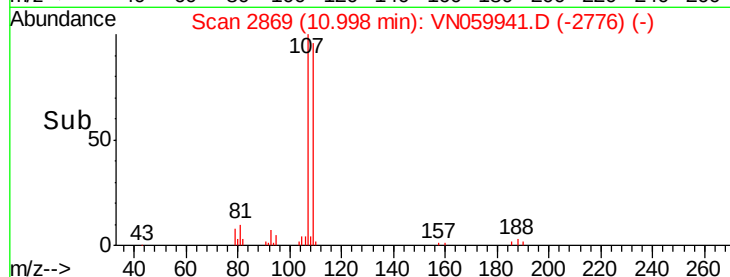
10000

5000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 50.140 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

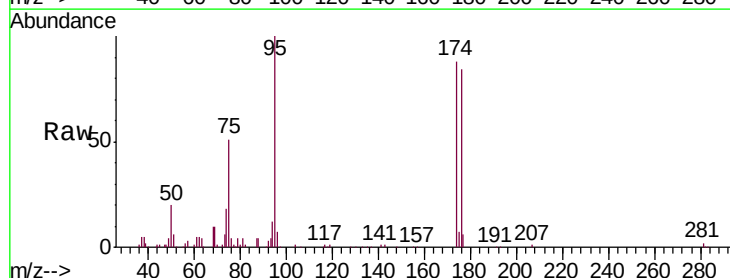
Tgt Ion: 95 Resp: 117042

Ion Ratio Lower Upper

95 100

174 86.9 0.0 151.4

176 84.7 0.0 146.0



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

80000

60000

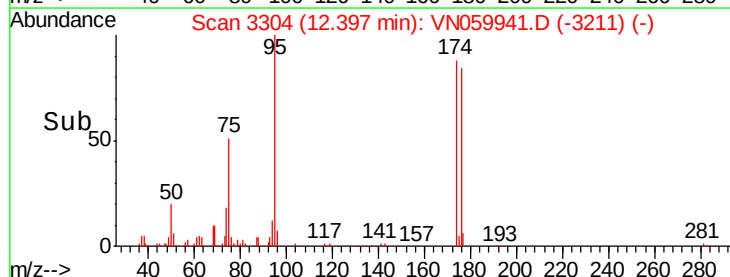
40000

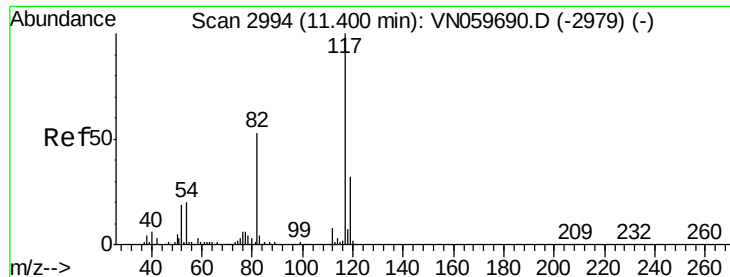
20000

0

Time-->

12.35 12.40 12.45

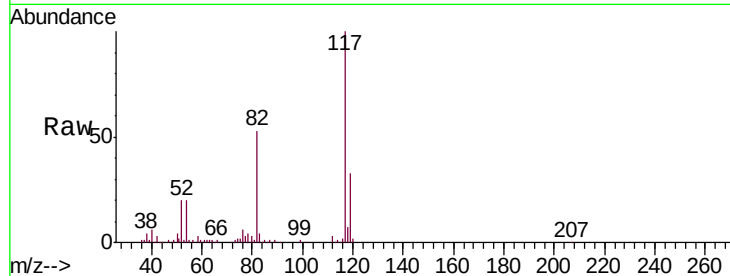




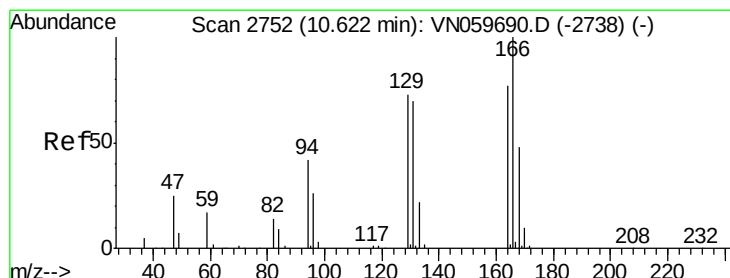
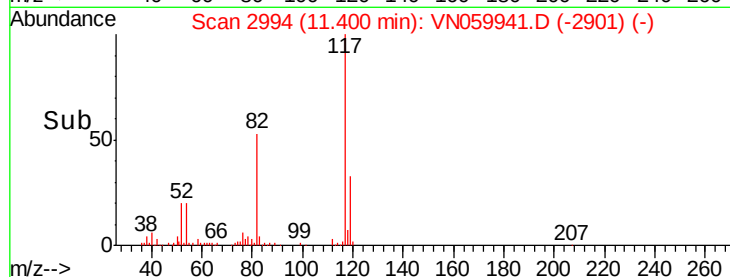
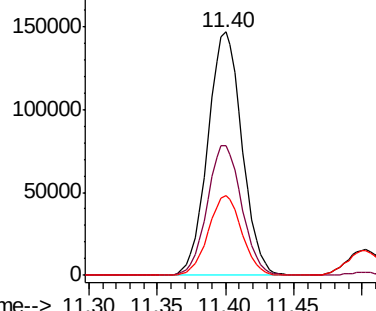
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tgt Ion:117 Resp: 255340
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 32.7 25.5 38.3

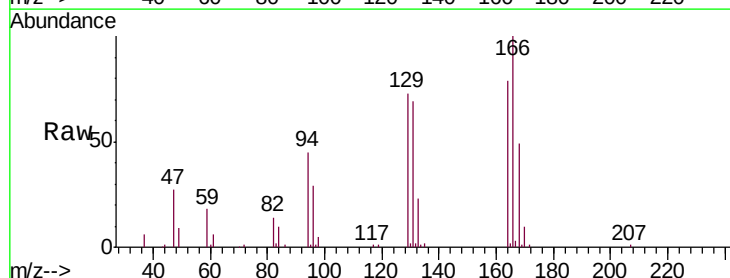


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

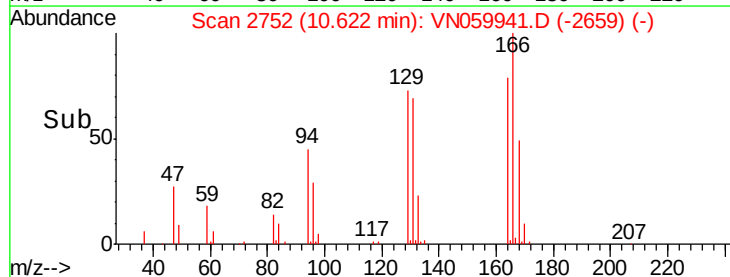
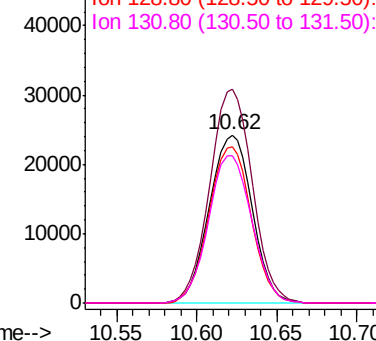


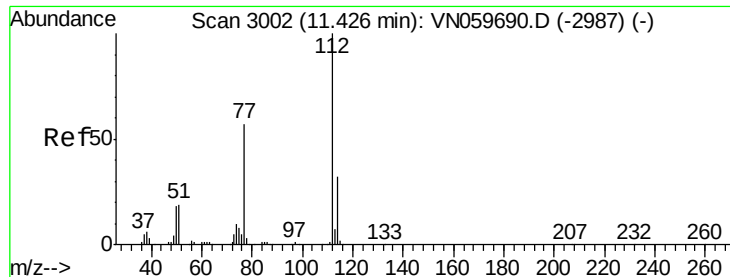
#64
Tetrachloroethene
Concen: 21.345 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion:164 Resp: 44419
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 93.0 80.2 120.4
131 87.8 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

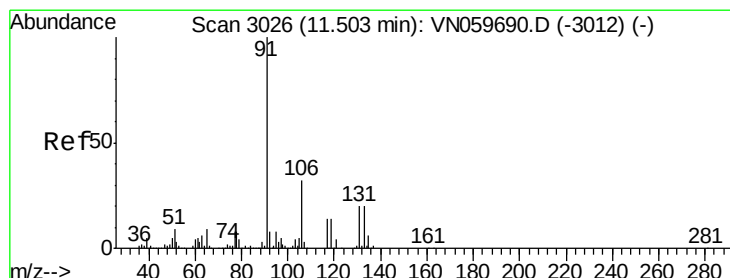
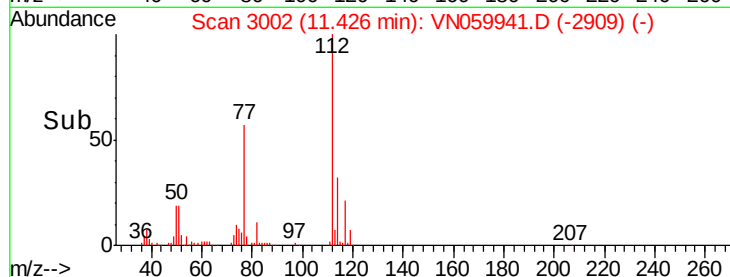
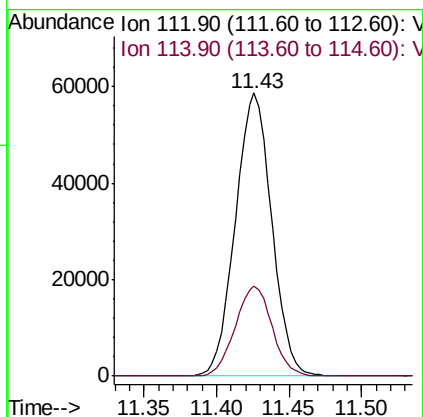
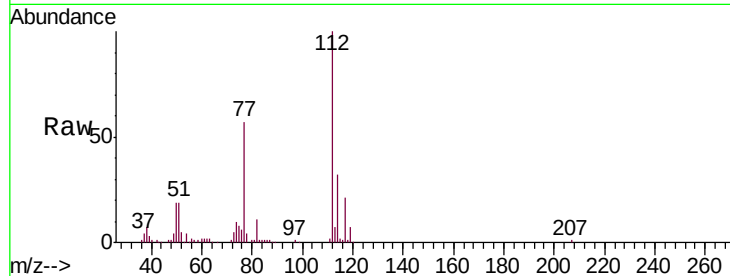




#65
Chlorobenzene
Concen: 20.334 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

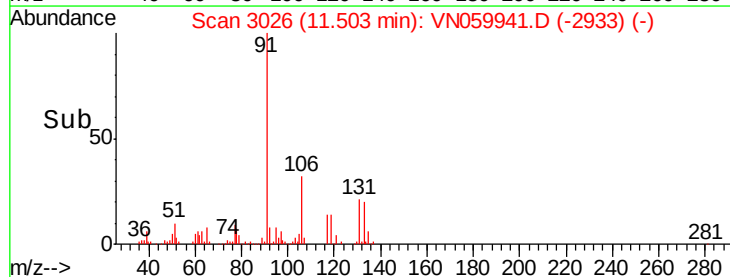
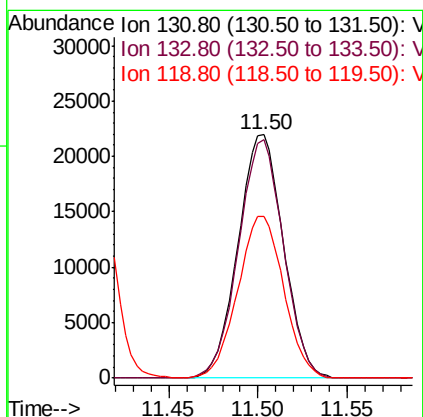
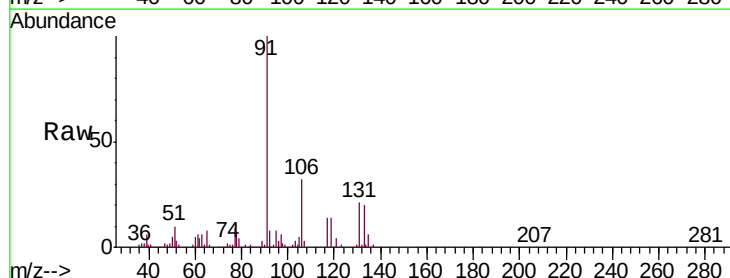
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

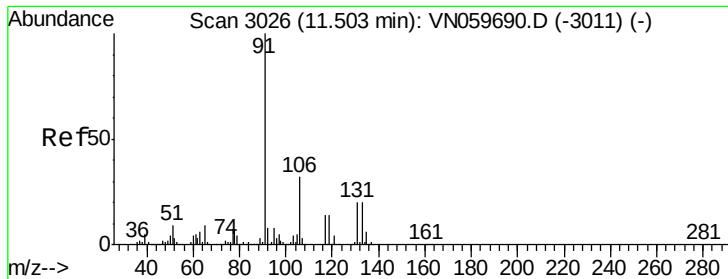
Tgt Ion:112 Resp: 102051
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion:131 Resp: 39007
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.2
119 67.3 33.1 99.3

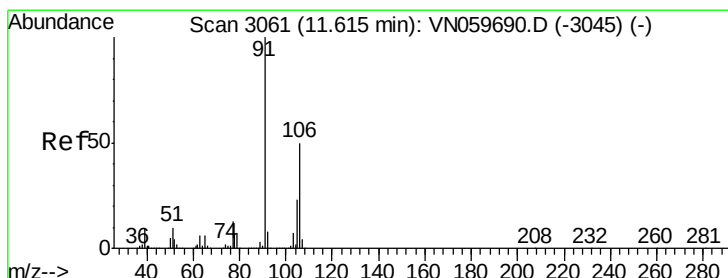
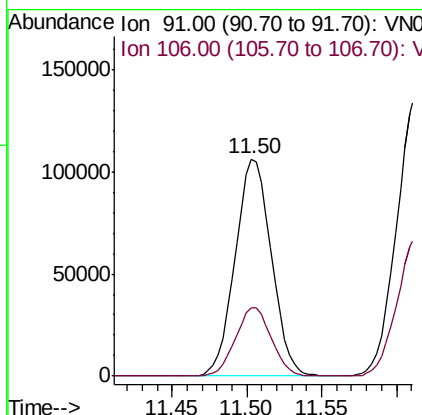
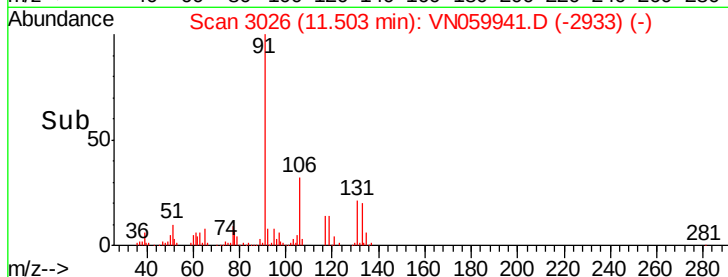
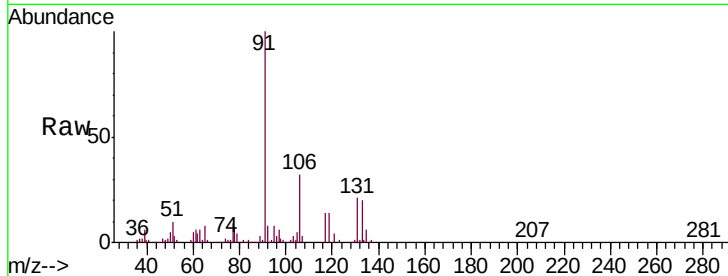




#67
Ethyl Benzene
Concen: 19.683 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

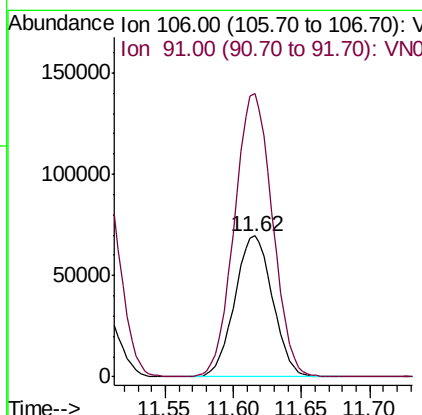
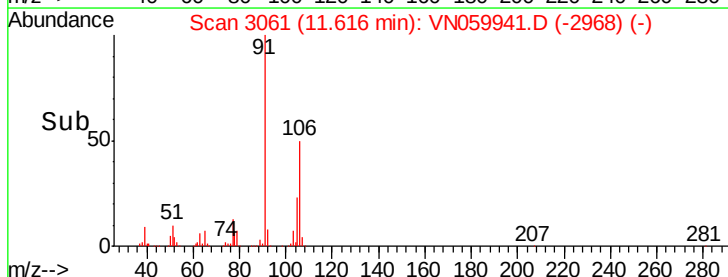
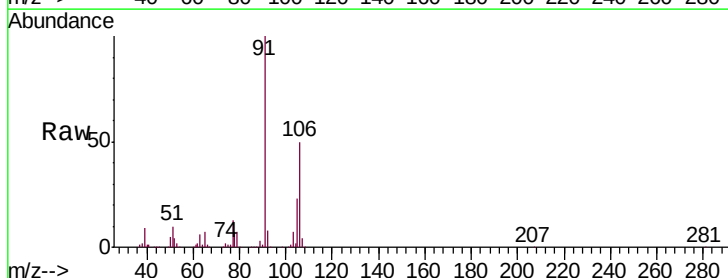
Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

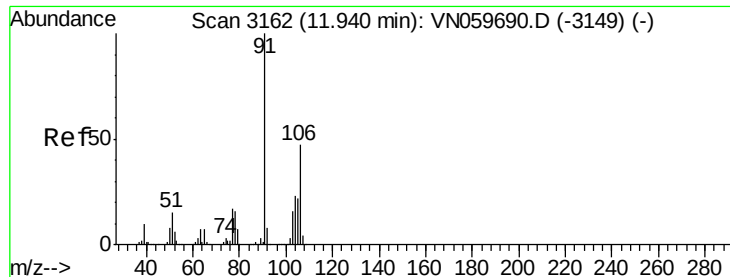
Tgt Ion: 91 Resp: 179324
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 38.946 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 106 Resp: 134034
Ion Ratio Lower Upper
106 100
91 202.1 167.9 251.9

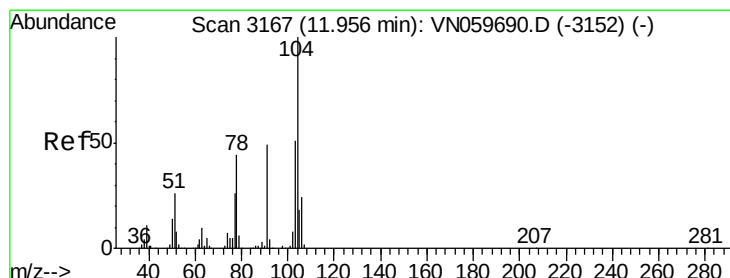
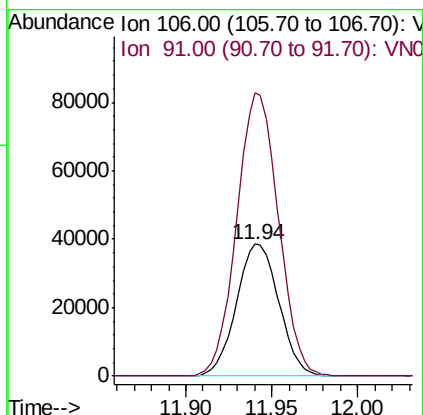
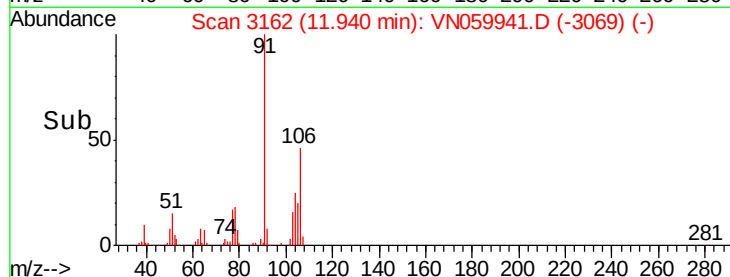
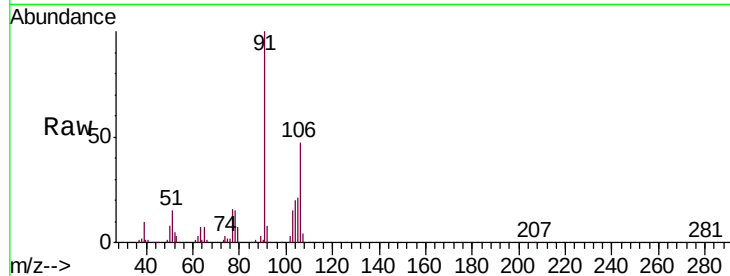




#69
o-Xylene
Concen: 19.676 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

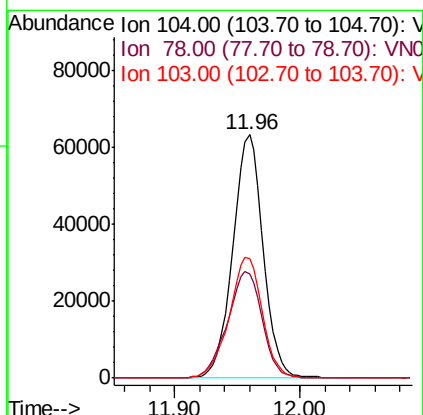
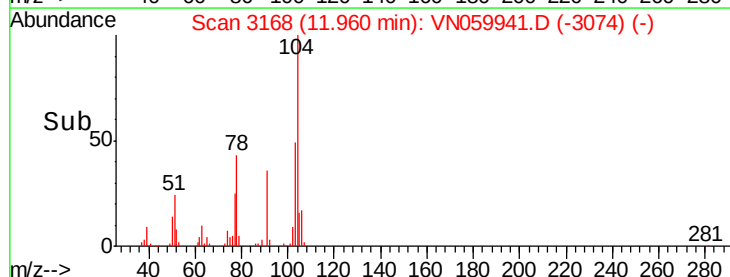
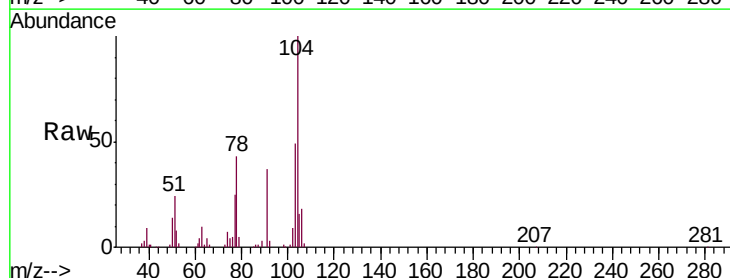
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

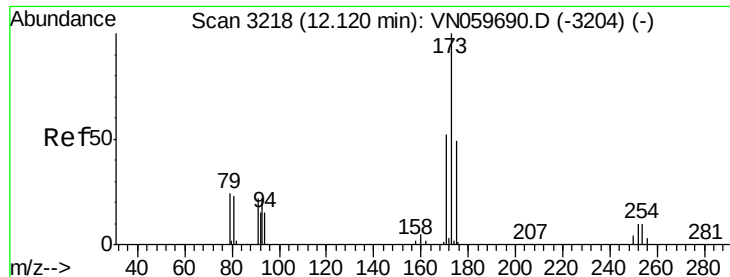
Tgt Ion:106 Resp: 66293
Ion Ratio Lower Upper
106 100
91 210.9 110.3 330.9



#70
Styrene
Concen: 18.851 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion:104 Resp: 106278
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 54.2 43.9 65.9





#71

Bromoform

Concen: 20.097 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

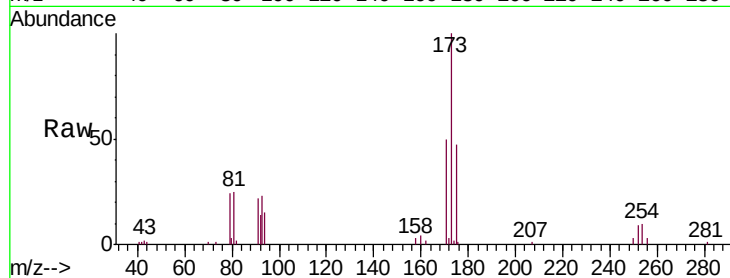
Tgt Ion:173 Resp: 31218

Ion Ratio Lower Upper

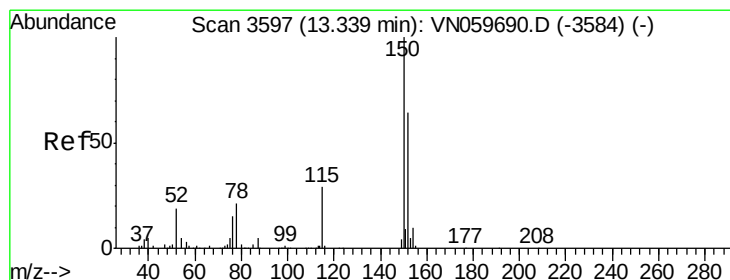
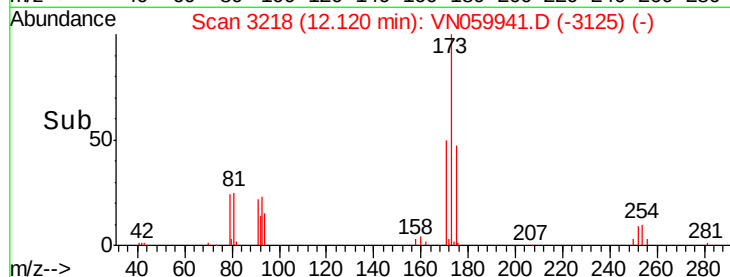
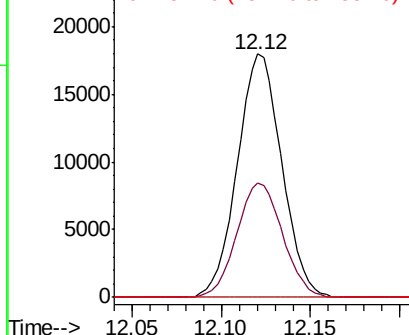
173 100

175 48.4 23.8 71.4

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

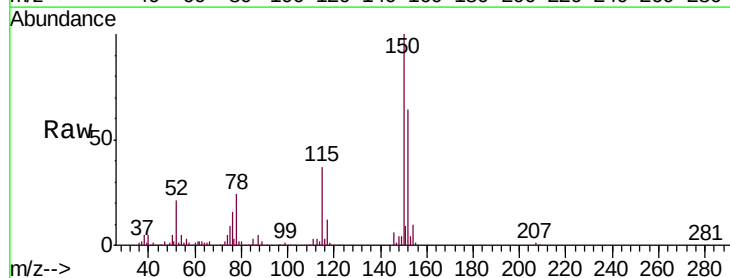
Tgt Ion:152 Resp: 123450

Ion Ratio Lower Upper

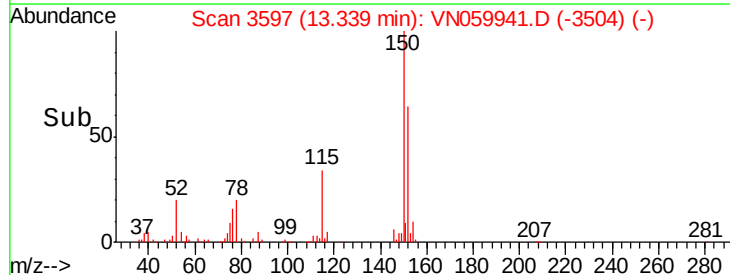
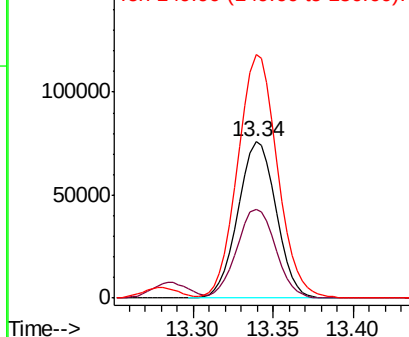
152 100

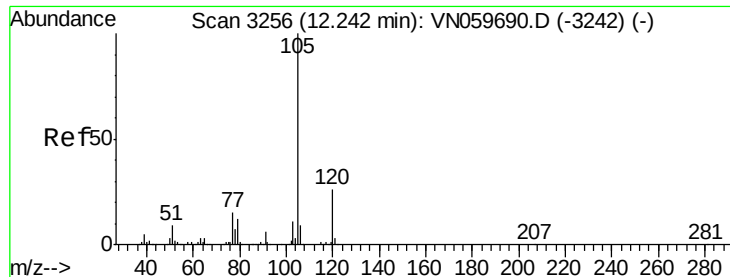
115 57.9 30.3 90.9

150 161.1 0.0 345.2



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: 19.737 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

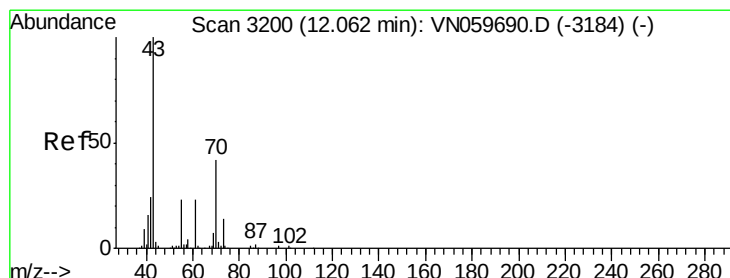
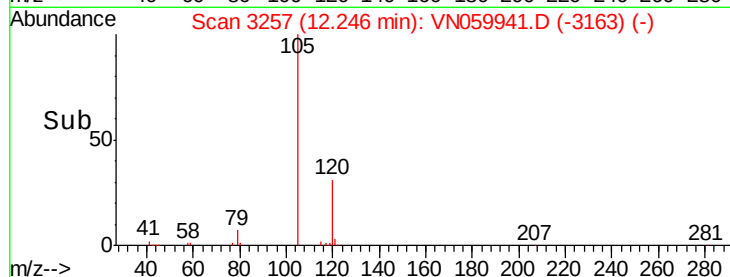
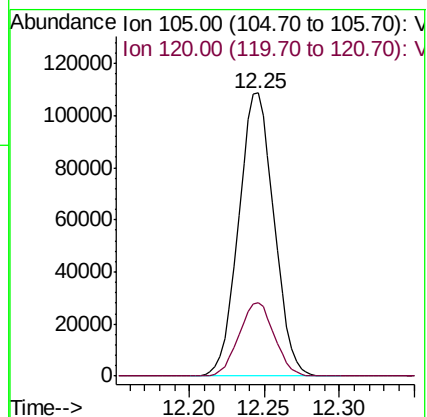
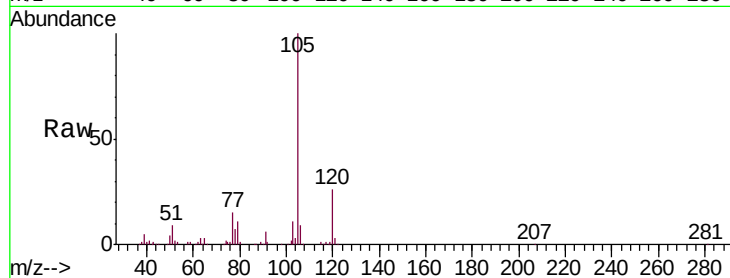
VN0131WBS01

Tgt Ion: 105 Resp: 178695

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 17.489 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 61441

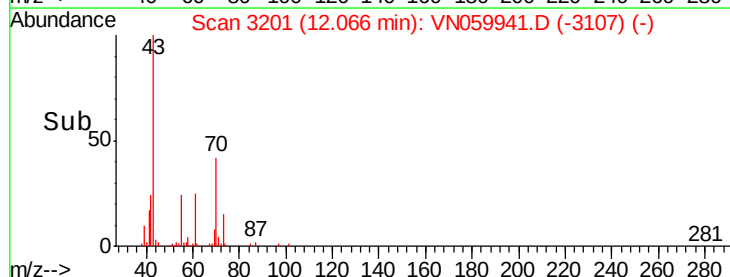
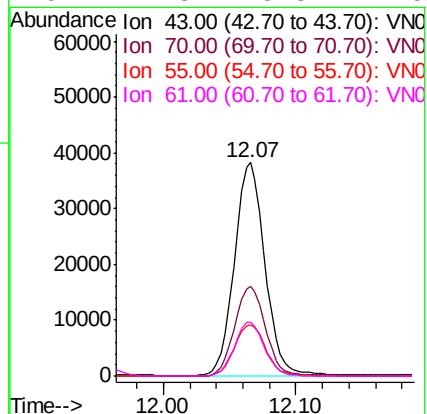
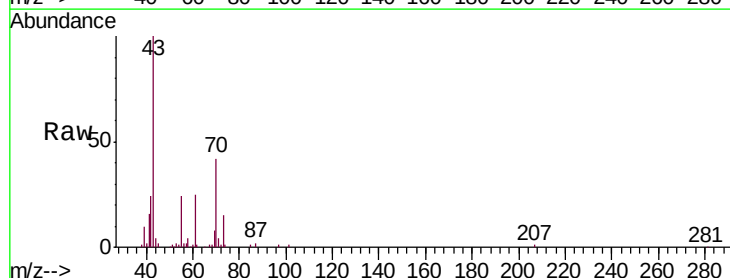
Ion Ratio Lower Upper

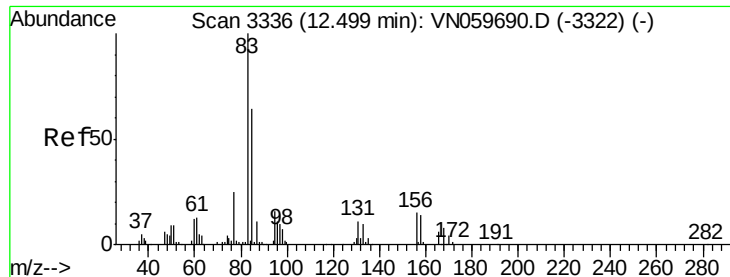
43 100

70 42.6 31.3 46.9

55 24.5 19.8 29.6

61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.511 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

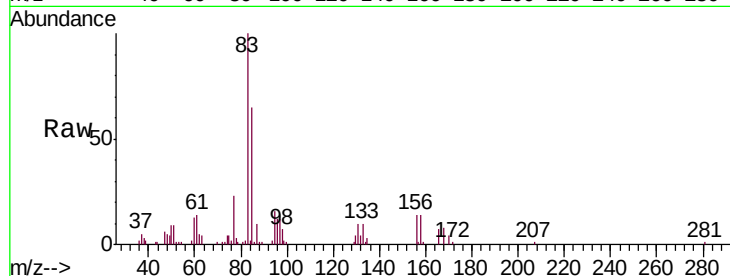
Tgt Ion: 83 Resp: 51210

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

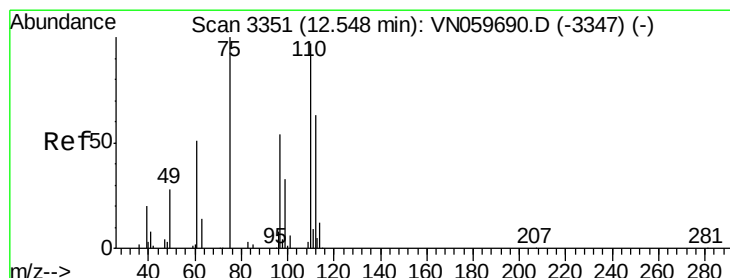
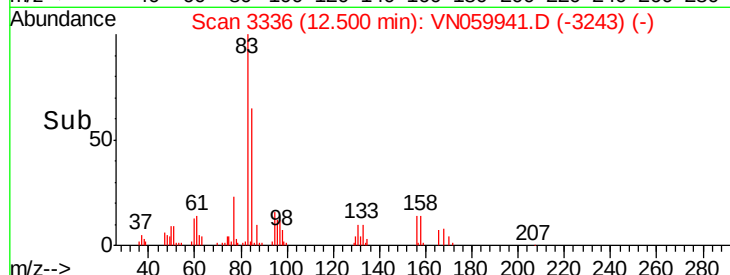
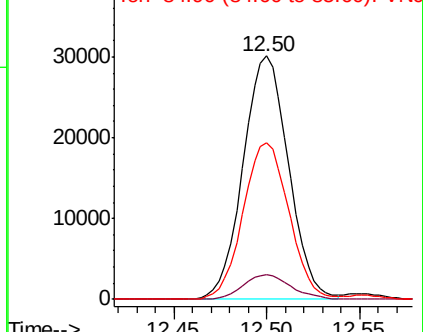
85 65.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.549 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059941.D

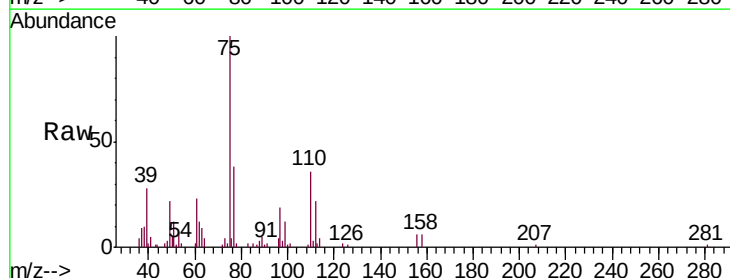
Acq: 31 Jan 2020 12:29

Tgt Ion: 75 Resp: 69700

Ion Ratio Lower Upper

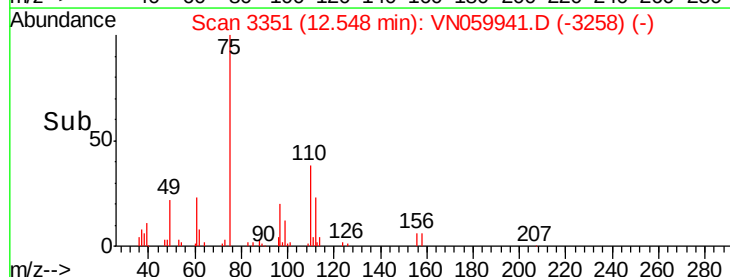
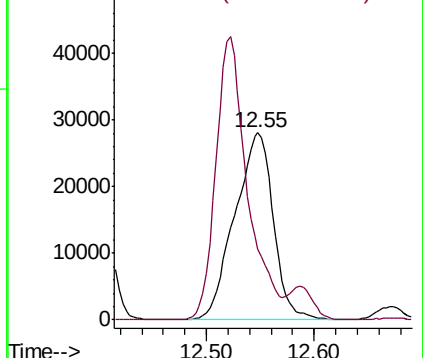
75 100

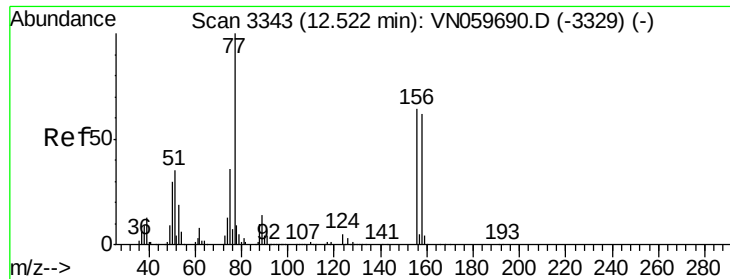
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.526 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

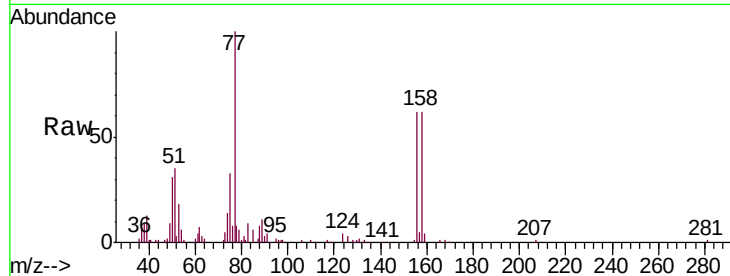
Tgt Ion:156 Resp: 44769

Ion Ratio Lower Upper

156 100

77 192.7 115.8 347.4

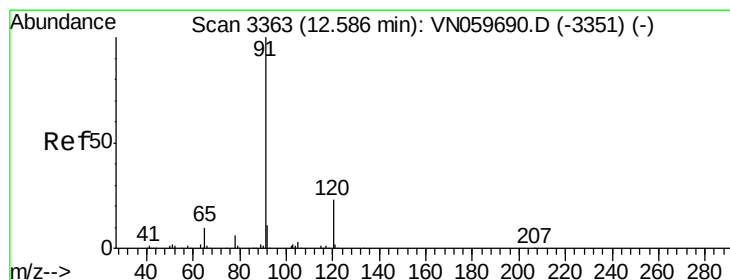
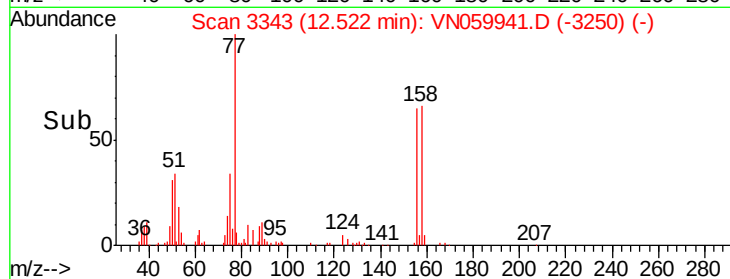
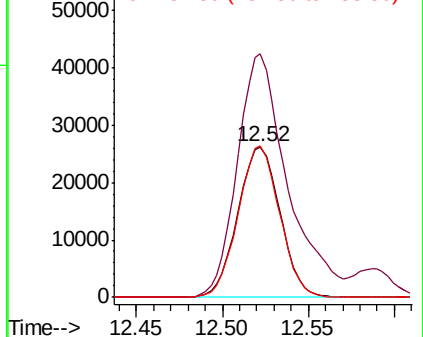
158 98.5 49.2 147.6



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: 19.511 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059941.D

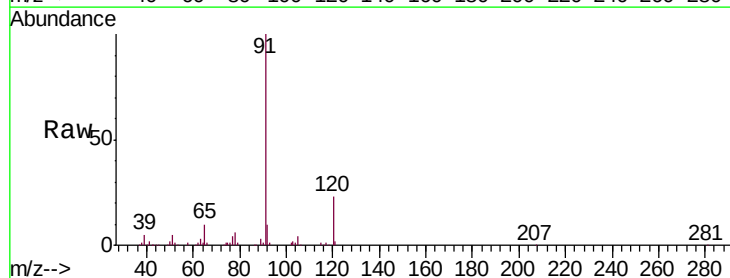
Acq: 31 Jan 2020 12:29

Tgt Ion: 91 Resp: 198269

Ion Ratio Lower Upper

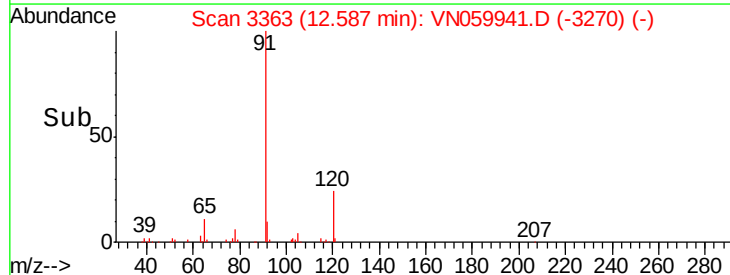
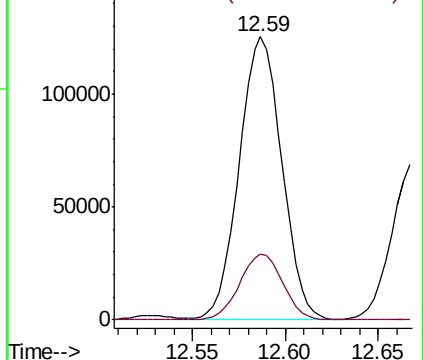
91 100

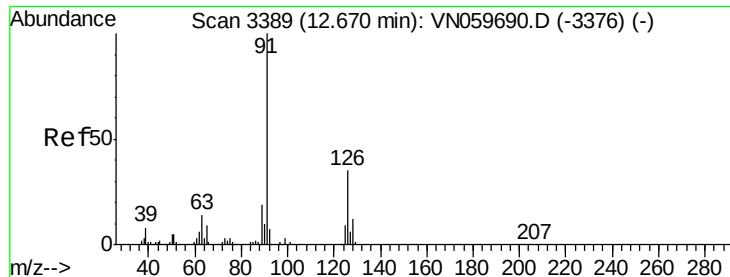
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.670 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

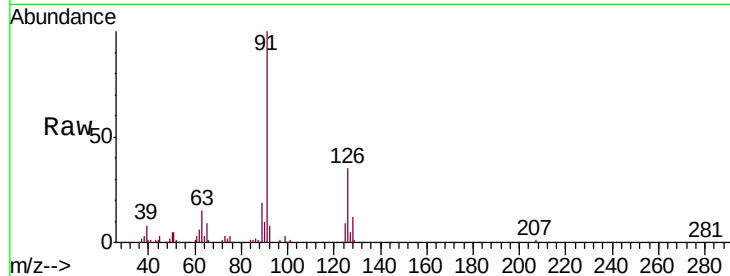
VN0131WBS01

Tgt Ion: 91 Resp: 118909

Ion Ratio Lower Upper

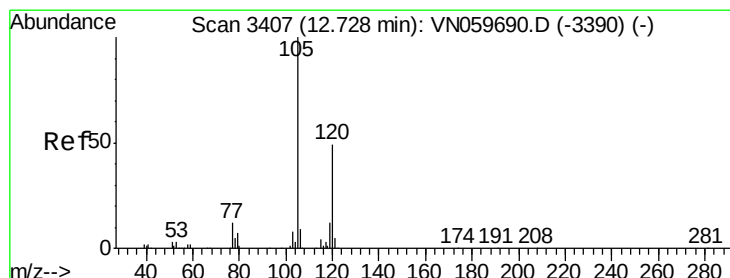
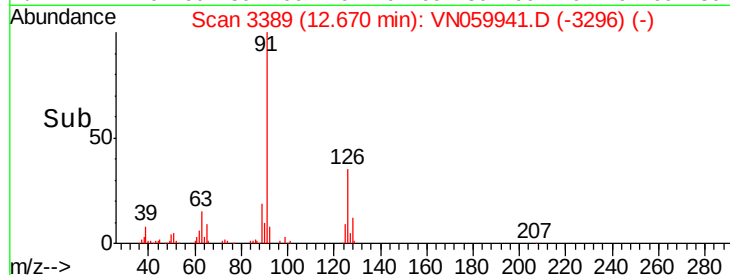
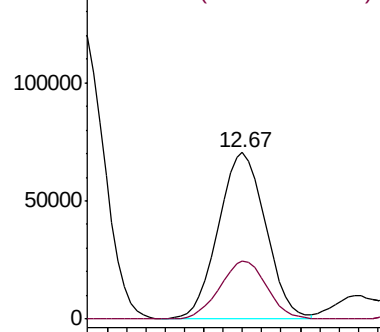
91 100

126 35.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.373 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059941.D

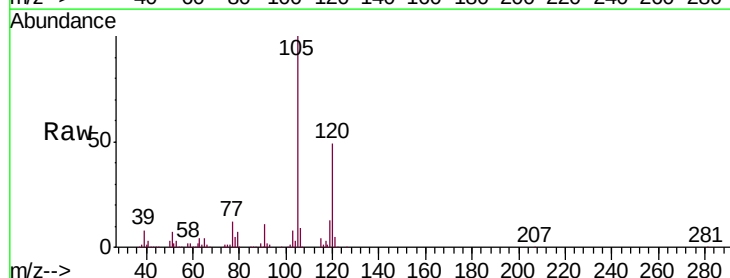
Acq: 31 Jan 2020 12:29

Tgt Ion: 105 Resp: 147508

Ion Ratio Lower Upper

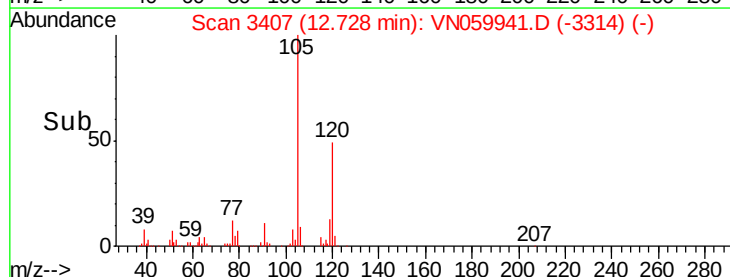
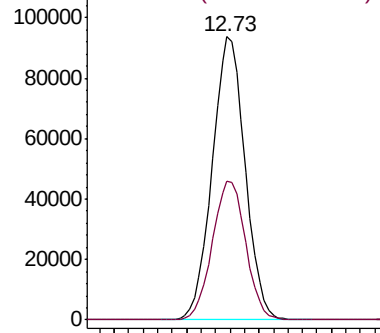
105 100

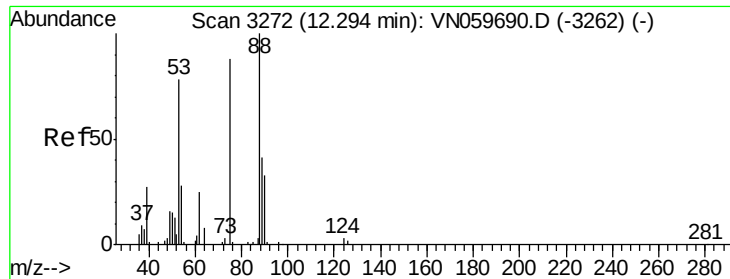
120 49.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.174 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

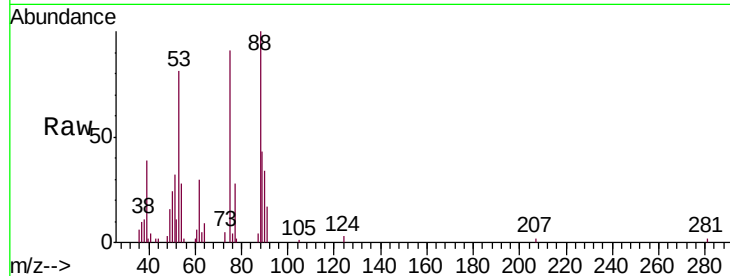
Tgt Ion: 75 Resp: 17582

Ion Ratio Lower Upper

75 100

53 92.5 78.1 117.1

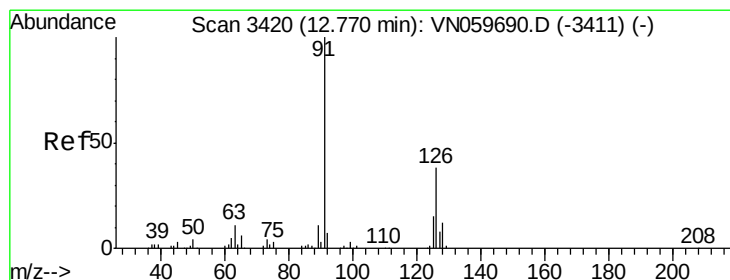
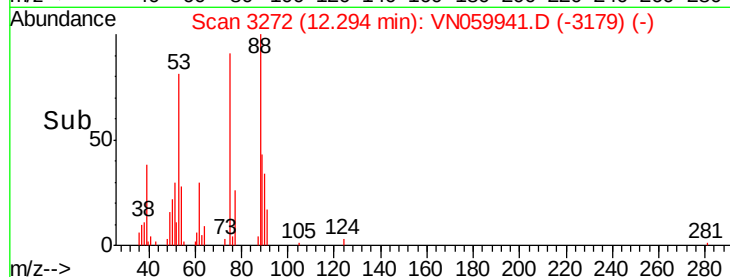
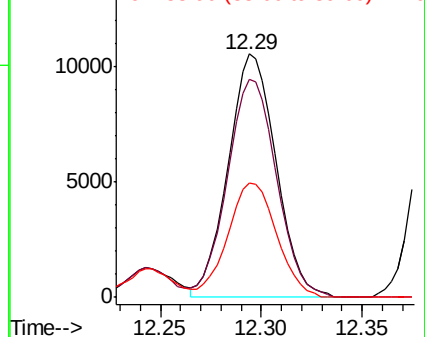
89 48.1 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.834 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059941.D

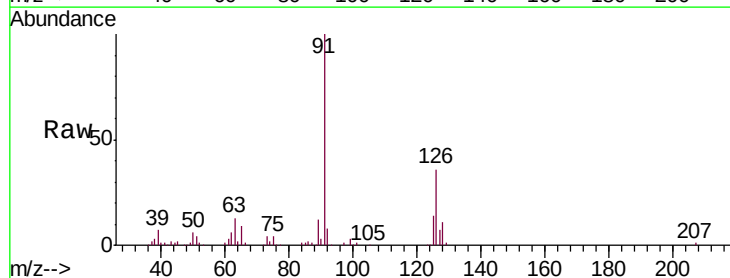
Acq: 31 Jan 2020 12:29

Tgt Ion: 91 Resp: 120262

Ion Ratio Lower Upper

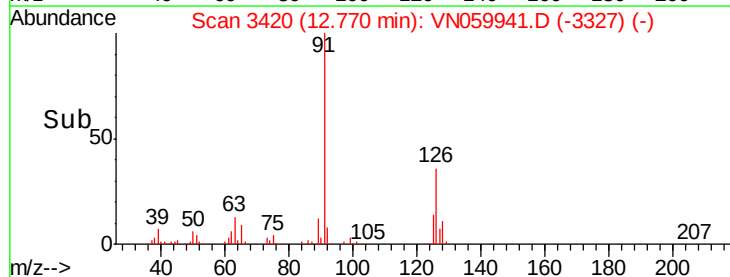
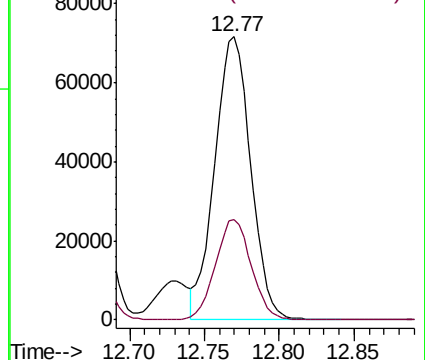
91 100

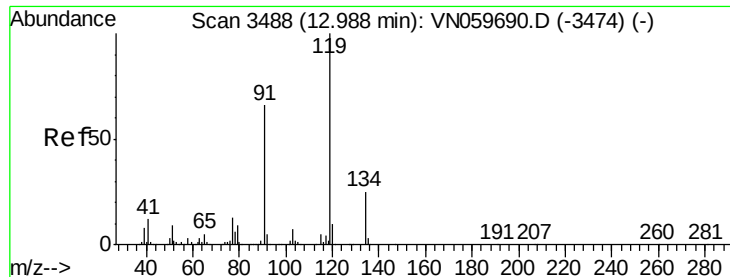
126 35.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

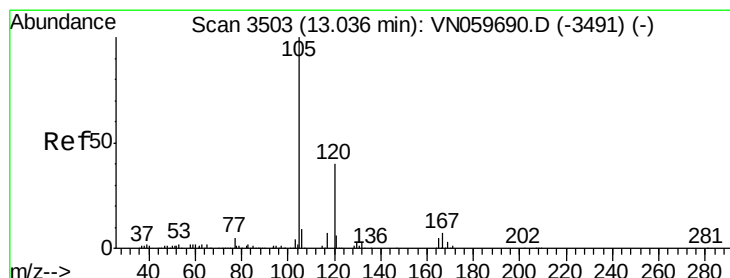
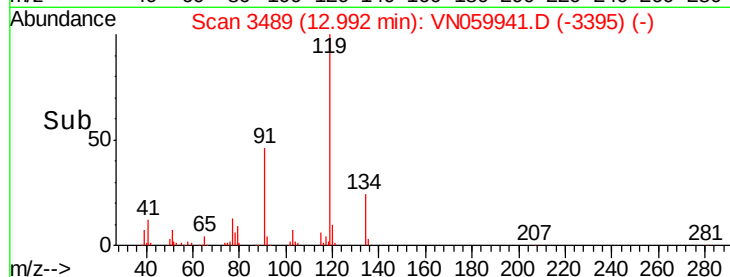
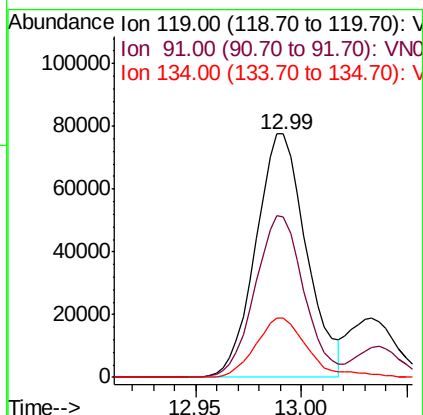
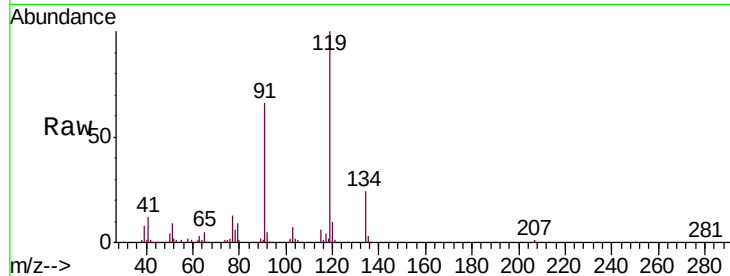




#83
 tert-Butylbenzene
 Concen: 19.654 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

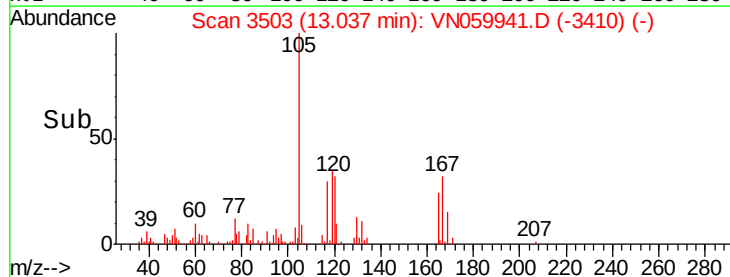
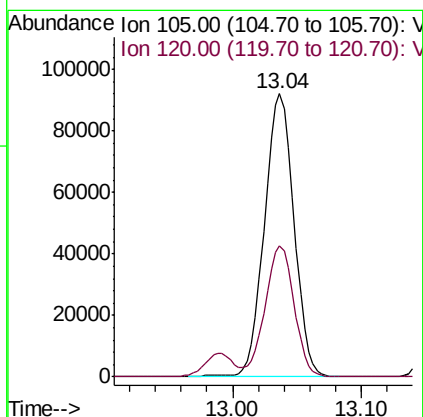
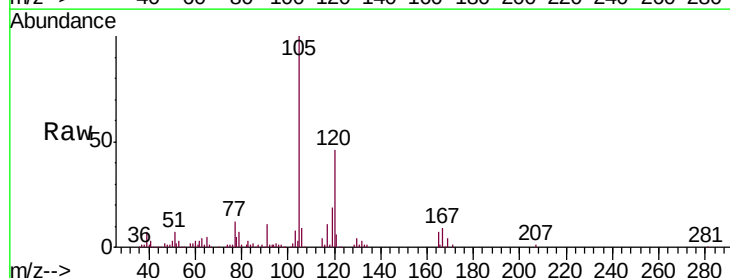
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

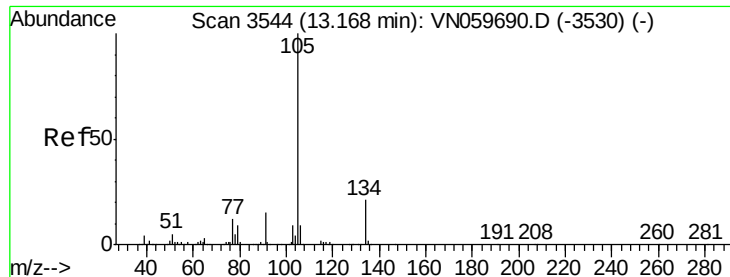
Tgt Ion:119 Resp: 129428
 Ion Ratio Lower Upper
 119 100
 91 64.2 34.8 104.4
 134 25.2 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.582 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion:105 Resp: 147512
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.429 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

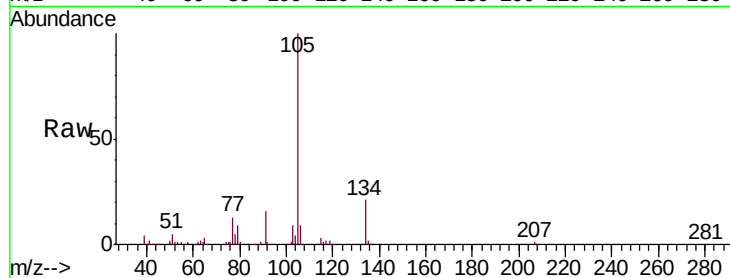
VN0131WBS01

Tgt Ion:105 Resp: 168104

Ion Ratio Lower Upper

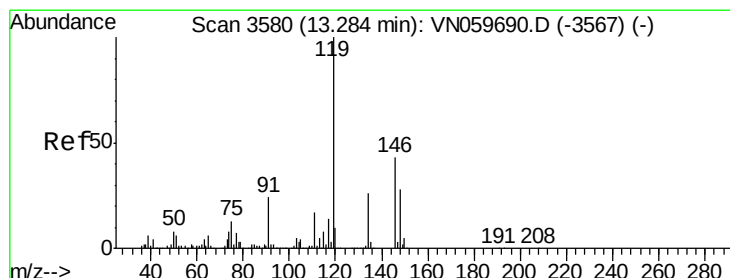
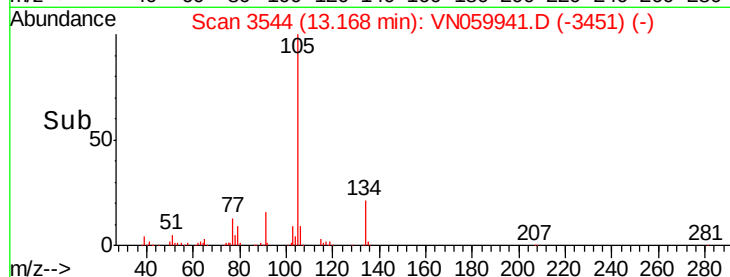
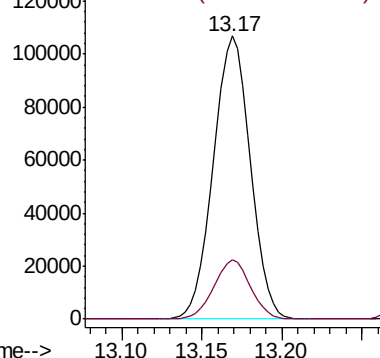
105 100

134 20.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.299 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

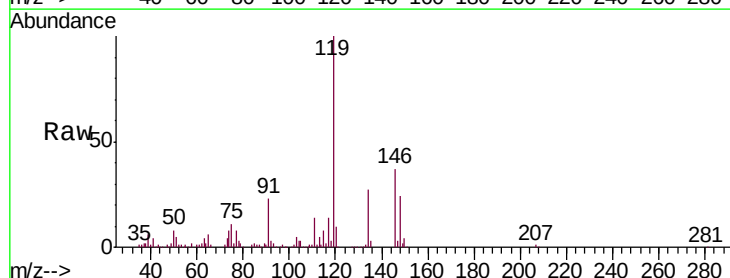
Tgt Ion:119 Resp: 154507

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

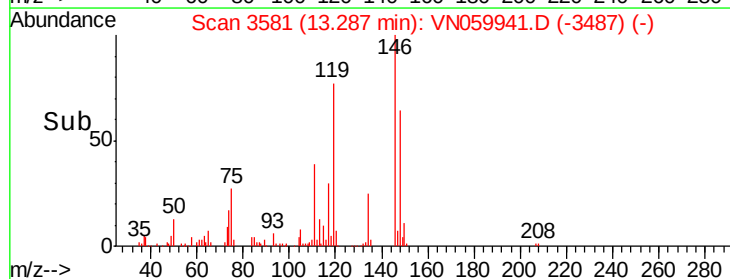
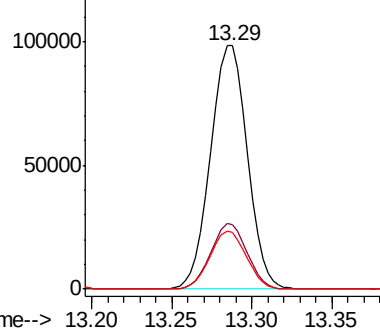
91 23.6 12.4 37.4

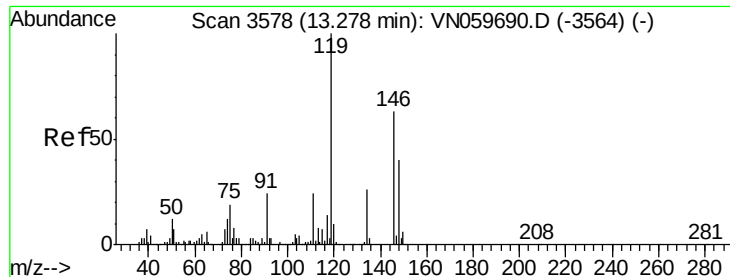


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

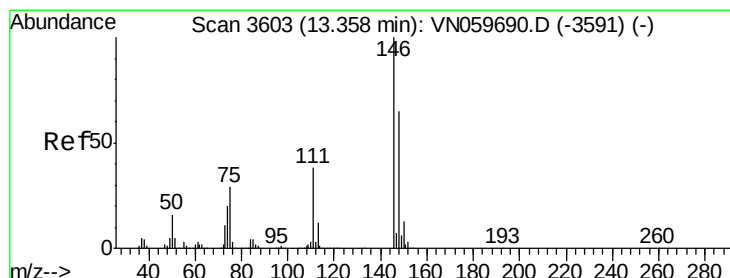
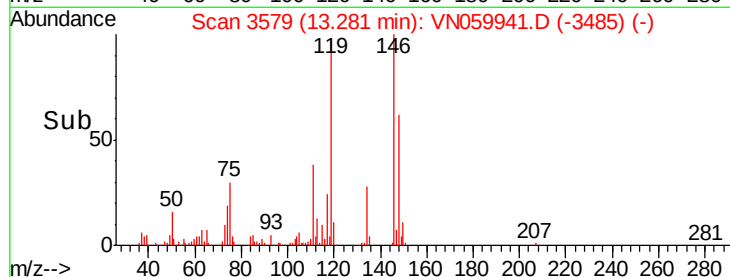
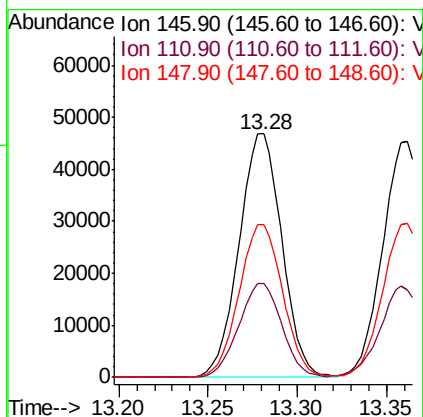
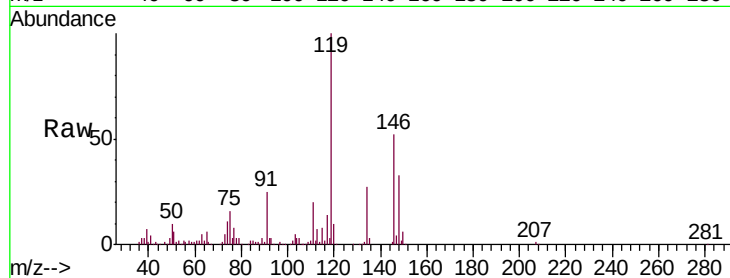




#87
 1,3-Dichlorobenzene
 Concen: 19.773 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

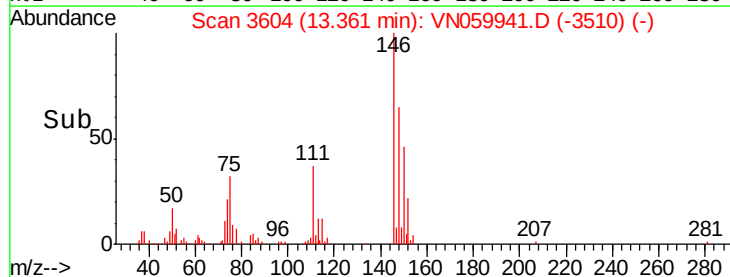
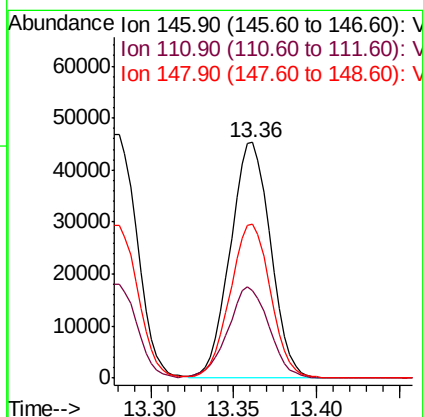
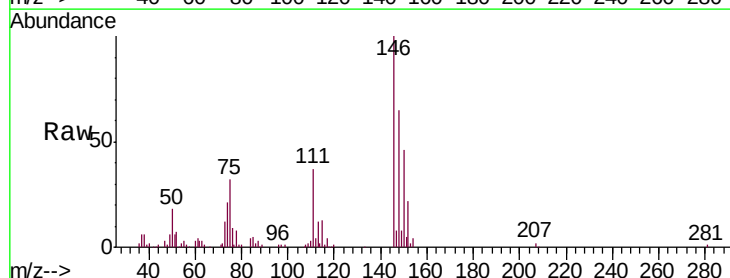
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

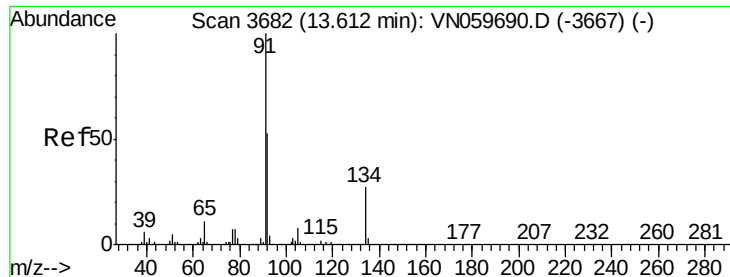
Tgt Ion:146 Resp: 78748
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.8 62.2
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.329 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion:146 Resp: 76796
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.8 62.2
 148 65.5 31.8 95.4

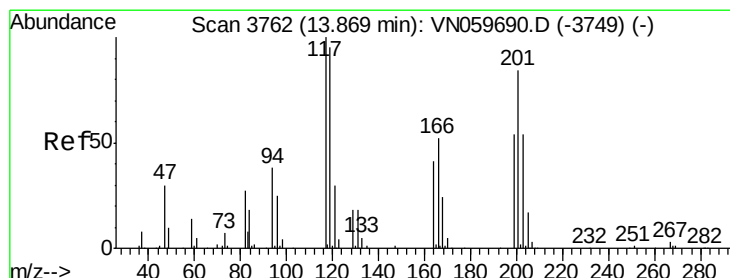
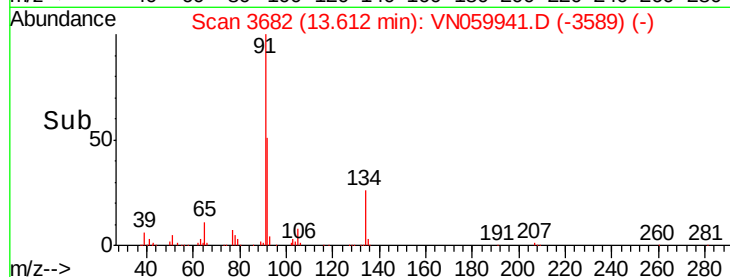
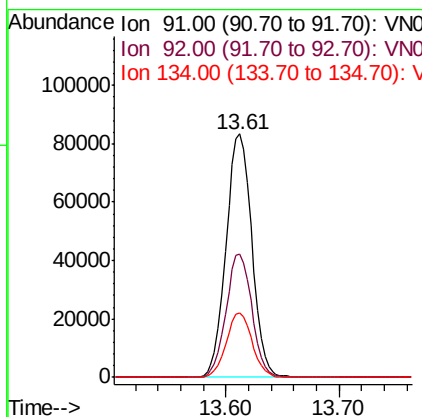
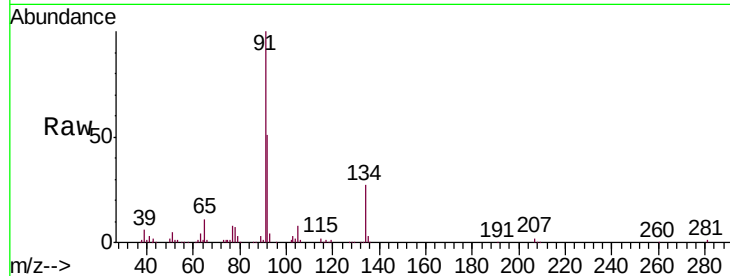




#89
n-Butylbenzene
Concen: 19.452 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

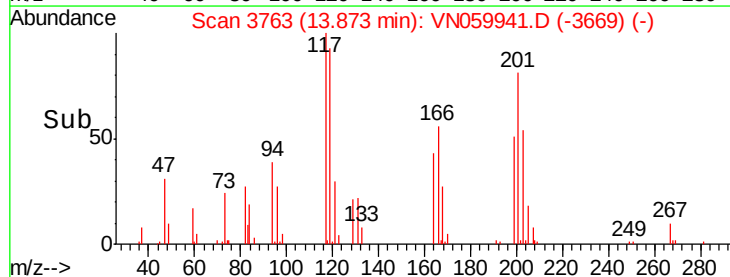
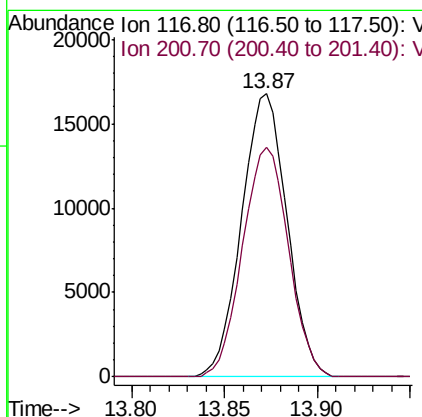
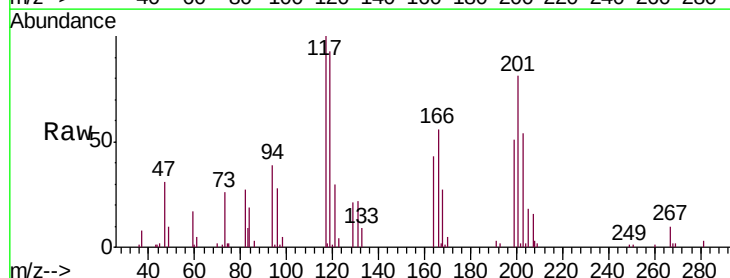
Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

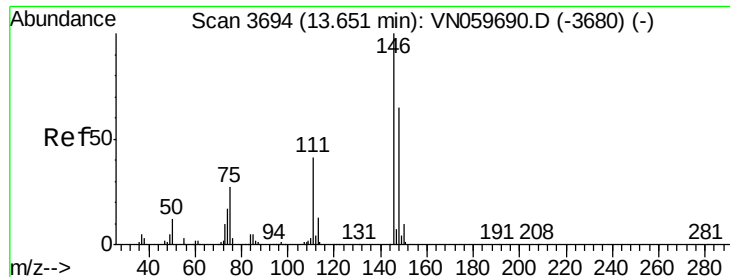
Tgt Ion: 91 Resp: 132781
Ion Ratio Lower Upper
91 100
92 50.6 25.9 77.7
134 26.6 12.3 36.8



#90
Hexachloroethane
Concen: 19.020 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 117 Resp: 28489
Ion Ratio Lower Upper
117 100
201 82.1 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 19.933 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

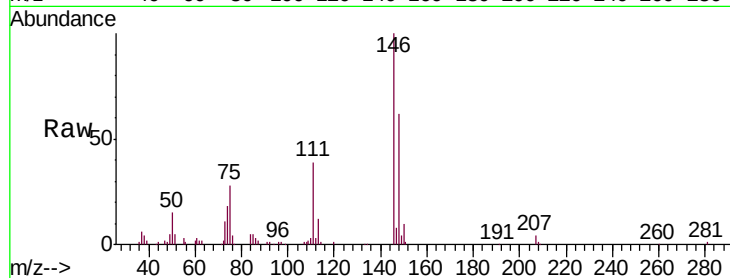
Tgt Ion:146 Resp: 78481

Ion Ratio Lower Upper

146 100

111 40.2 21.6 64.8

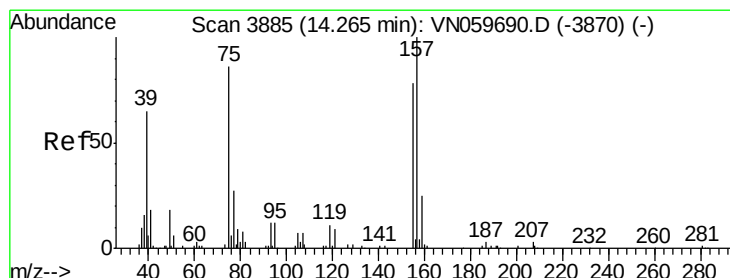
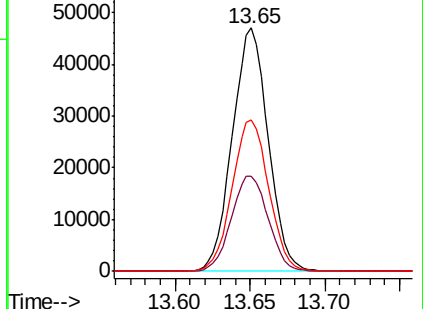
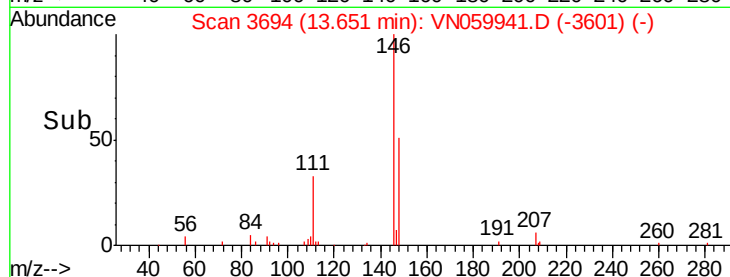
148 63.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.116 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

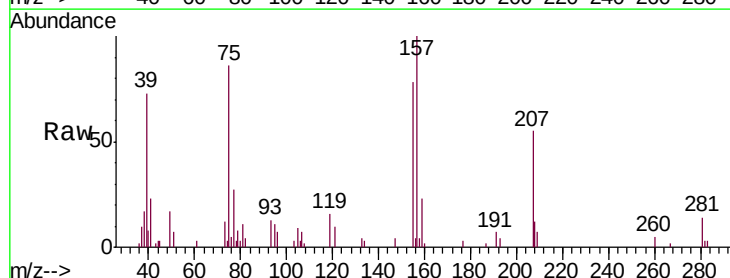
Tgt Ion: 75 Resp: 10416

Ion Ratio Lower Upper

75 100

155 86.3 37.0 110.9

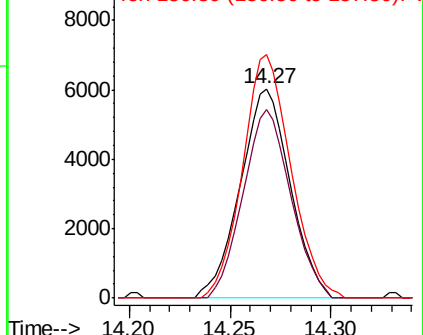
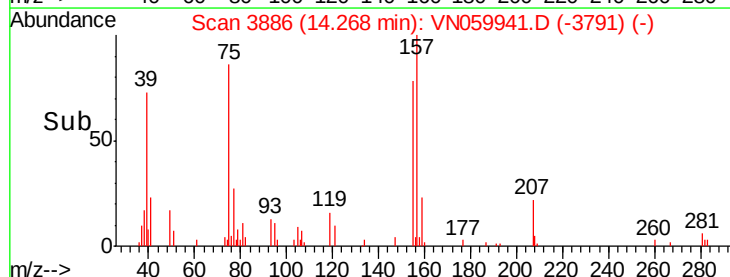
157 112.6 48.4 145.2

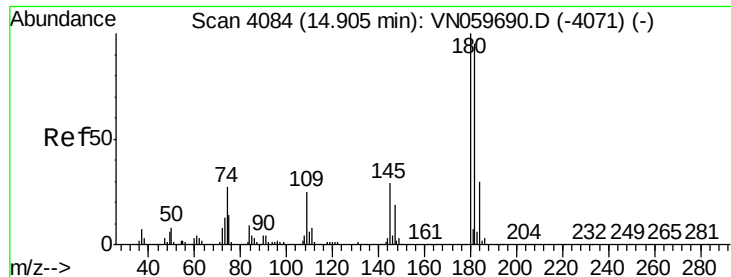


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

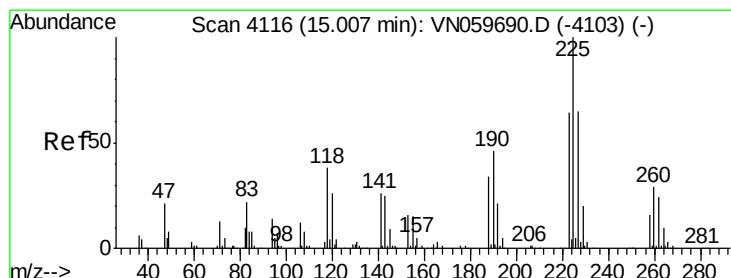
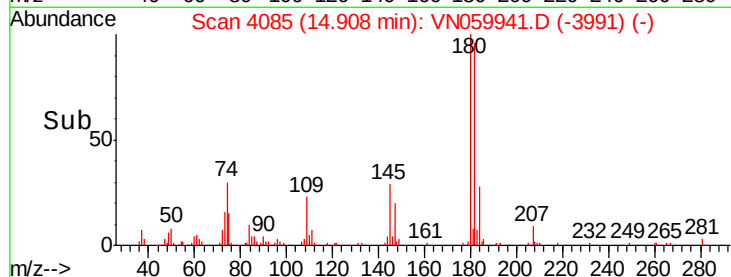
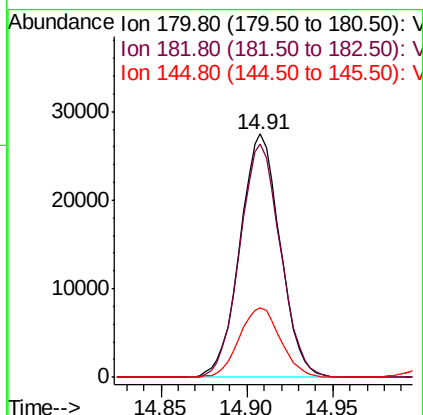
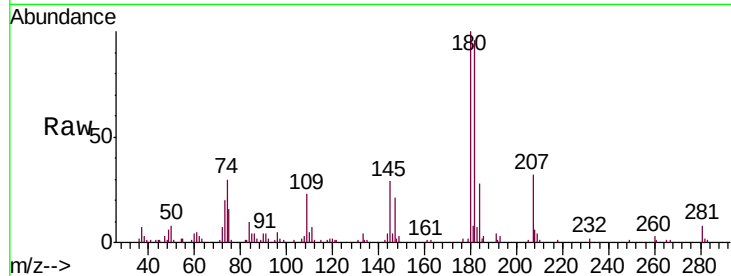




#93
 1,2,4-Trichlorobenzene
 Concen: 18.863 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

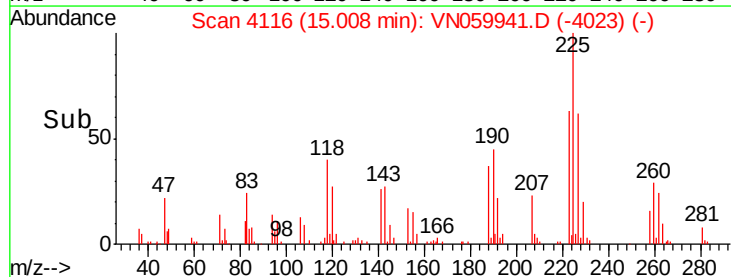
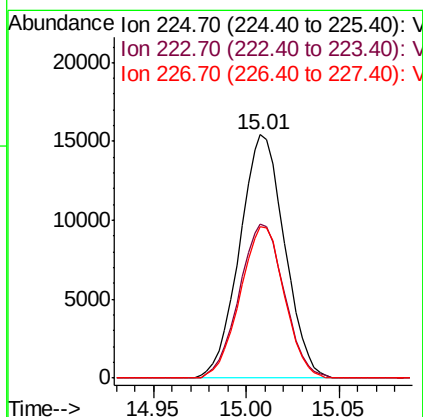
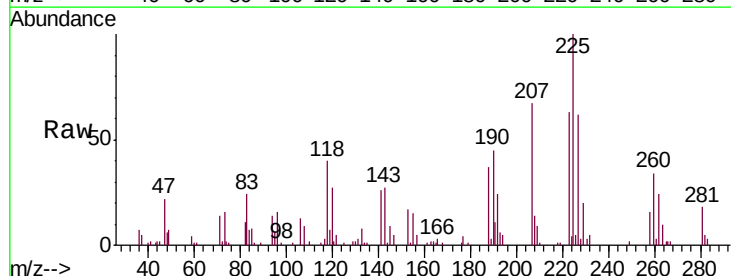
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

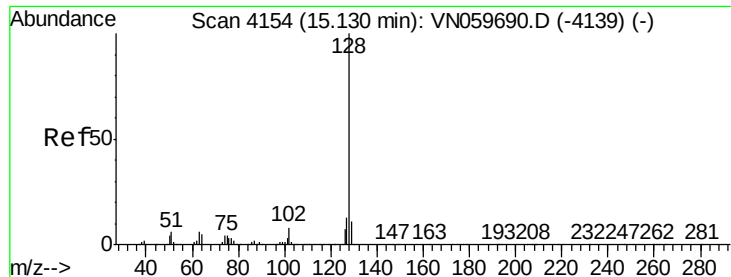
Tgt Ion:180 Resp: 44628
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.9 140.7
 145 29.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.879 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion:225 Resp: 25917
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.8 95.3
 227 60.9 32.1 96.5

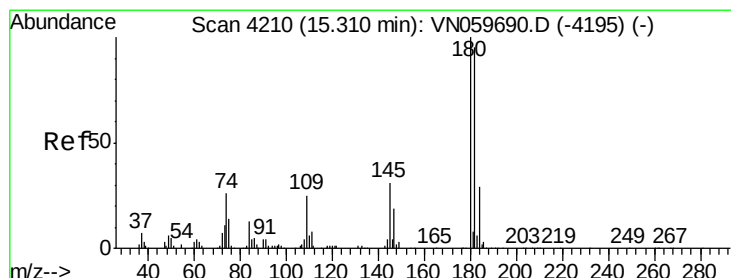
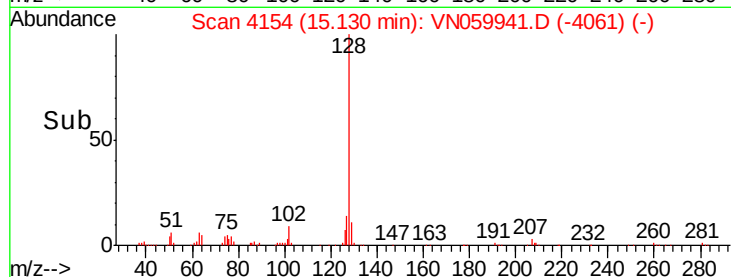
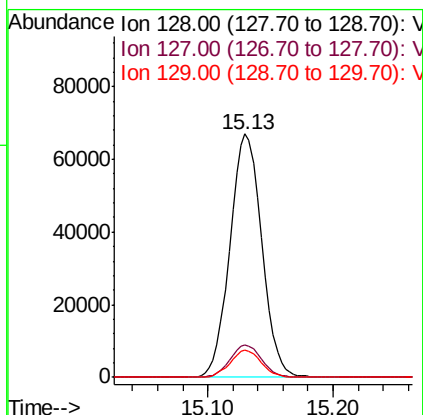
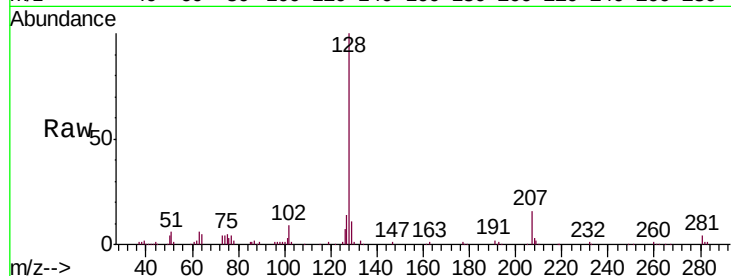




#95
Naphthalene
Concen: 17.577 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tgt Ion:128 Resp: 118281
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.381 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion:180 Resp: 44632
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 31.5 16.3 48.9

