

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060036.D
 Acq On : 10 Feb 2020 11:11
 Operator : JC/MD
 Sample : VN0210WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 07:06:56 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	174815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	275651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103628	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.56	113	86055	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.08	98	316130	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	113226	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30590	14.470	ug/l	97
3) Chloromethane	2.04	50	30780	15.379	ug/l	99
4) Vinyl Chloride	2.17	62	40653	17.753	ug/l	98
5) Bromomethane	2.55	94	24334	17.413	ug/l	99
6) Chloroethane	2.69	64	19164	17.689	ug/l	97
7) Trichlorofluoromethane	3.00	101	49798	18.108	ug/l	99
8) Diethyl Ether	3.39	74	17994	18.644	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.74	101	29477	19.258	ug/l	95
10) Methyl Iodide	3.93	142	36687	14.829	ug/l	96
11) Tert butyl alcohol	4.72	59	29607	90.592	ug/l	98
12) 1,1-Dichloroethene	3.72	96	26805	16.760	ug/l	91
13) Acrolein	3.58	56	18205	78.691	ug/l	96
14) Allyl chloride	4.29	41	43474	20.166	ug/l #	91
15) Acrylonitrile	4.95	53	71883	96.423	ug/l	99
16) Acetone	3.78	43	80846	116.762	ug/l	99
17) Carbon Disulfide	4.03	76	61763	13.556	ug/l	99
18) Methyl Acetate	4.29	43	45078	19.879	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	102457	19.648	ug/l	97
20) Methylene Chloride	4.52	84	32285	17.541	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	29361	17.270	ug/l	87
22) Diisopropyl ether	5.91	45	97408	19.939	ug/l #	88
23) Vinyl Acetate	5.86	43	360908	95.416	ug/l	97
24) 1,1-Dichloroethane	5.82	63	57964	19.418	ug/l	99
25) 2-Butanone	6.80	43	103175	93.848	ug/l	93
26) 2,2-Dichloropropane	6.79	77	55221	19.242	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	37487	19.171	ug/l	91
28) Bromochloromethane	7.17	49	22913	19.205	ug/l #	79
29) Tetrahydrofuran	7.18	42	62899	92.470	ug/l	91
30) Chloroform	7.35	83	62429	20.185	ug/l	98
31) Cyclohexane	7.63	56	47838	16.654	ug/l #	87
32) 1,1,1-Trichloroethane	7.55	97	55511	19.411	ug/l	96
36) 1,1-Dichloropropene	7.77	75	42201	17.580	ug/l	96
37) Ethyl Acetate	6.90	43	42427	18.844	ug/l	98
38) Carbon Tetrachloride	7.75	117	48183	18.452	ug/l	99

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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	50437	17.040	ug/l	93
40) Benzene	8.02	78	130104	18.173	ug/l	100
41) Methacrylonitrile	7.18	41	59429	53.590	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	47910	19.738	ug/l	96
43) Isopropyl Acetate	8.14	43	70706	18.258	ug/l #	96
44) Trichloroethene	8.82	130	37319	19.095	ug/l	94
45) 1,2-Dichloropropane	9.10	63	34864	19.680	ug/l	98
46) Dibromomethane	9.19	93	23523	18.824	ug/l	94
47) Bromodichloromethane	9.39	83	50391	20.010	ug/l	99
48) Methyl methacrylate	9.18	41	29983	17.309	ug/l	90
49) 1,4-Dioxane	9.18	88	11943	376.631	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	209528	93.598	ug/l	97
52) Toluene	10.14	92	84277	18.637	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	54726	19.463	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	57626	19.478	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	34823	19.444	ug/l	97
56) Ethyl methacrylate	10.42	69	47455	17.341	ug/l	95
57) 1,3-Dichloropropane	10.70	76	56275	19.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	84474	102.483	ug/l	93
59) 2-Hexanone	10.74	43	151706	91.988	ug/l	96
60) Dibromochloromethane	10.89	129	39807	19.518	ug/l	99
61) 1,2-Dibromoethane	11.00	107	35377	18.846	ug/l	98
64) Tetrachloroethene	10.62	164	37416	18.260	ug/l	96
65) Chlorobenzene	11.43	112	93222	18.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	36958	19.355	ug/l	98
67) Ethyl Benzene	11.50	91	165720	18.473	ug/l	99
68) m/p-Xylenes	11.62	106	123415	36.420	ug/l	94
69) o-Xylene	11.94	106	61402	18.508	ug/l	93
70) Styrene	11.96	104	96289	17.345	ug/l	98
71) Bromoform	12.12	173	28436	18.591	ug/l #	99
73) Isopropylbenzene	12.25	105	163695	18.760	ug/l	100
74) N-amyl acetate	12.07	43	58831	17.376	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	47897	18.935	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	64412	32.170	ug/l #	100
77) Bromobenzene	12.52	156	40902	18.511	ug/l	84
78) n-propylbenzene	12.59	91	184914	18.881	ug/l	99
79) 2-Chlorotoluene	12.67	91	110049	18.889	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	137486	18.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	16614	17.819	ug/l	96
82) 4-Chlorotoluene	12.77	91	112337	19.223	ug/l	98
83) tert-Butylbenzene	12.99	119	122648	19.325	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	135789	18.704	ug/l	98
85) sec-Butylbenzene	13.17	105	159665	19.148	ug/l	99
86) p-Isopropyltoluene	13.28	119	145258	18.827	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	73019	19.024	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	70827	18.497	ug/l	98
89) n-Butylbenzene	13.61	91	124015	18.851	ug/l	98
90) Hexachloroethane	13.87	117	27335	18.936	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	71232	18.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10396	17.803	ug/l	94

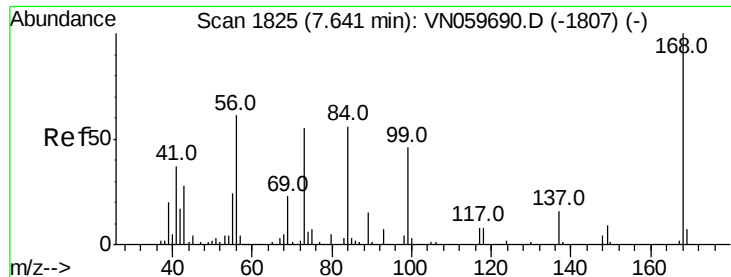
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41193	18.066	ug/l	99
94) Hexachlorobutadiene	15.01	225	23947	19.059	ug/l	98
95) Naphthalene	15.13	128	108416	16.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	40474	18.237	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

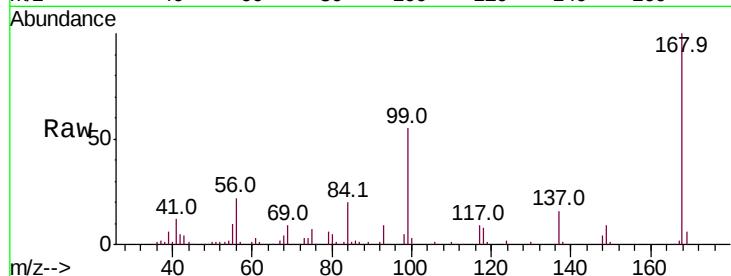
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 174815

Ion Ratio Lower Upper

168 100

99 54.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

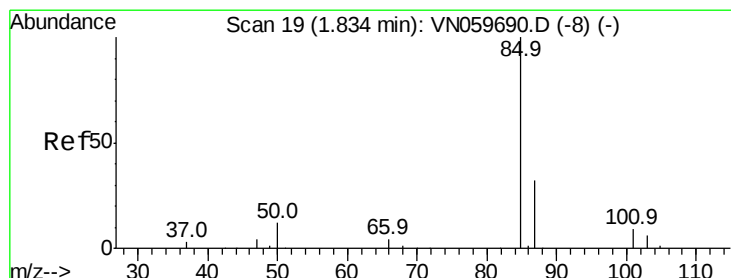
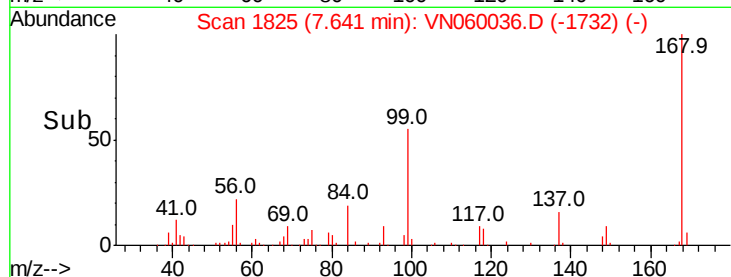
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 14.470 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060036.D

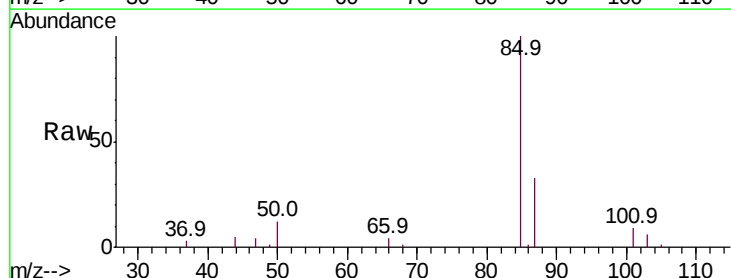
Acq: 10 Feb 2020 11:11

Tgt Ion: 85 Resp: 30590

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

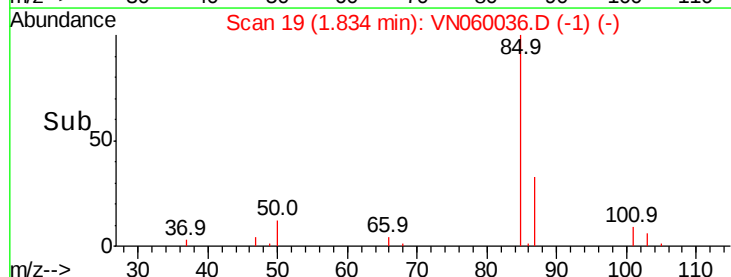
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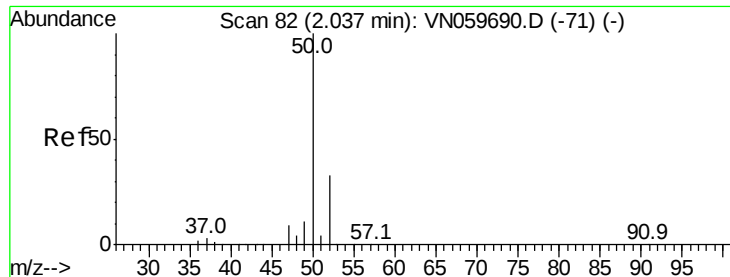
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0

1.80 1.85 1.90

Time-->

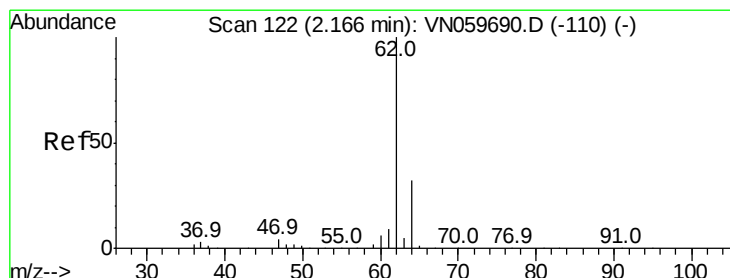
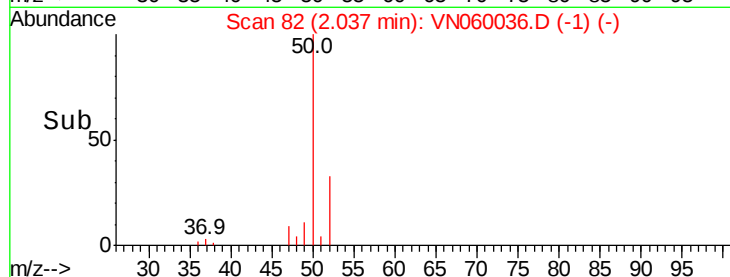
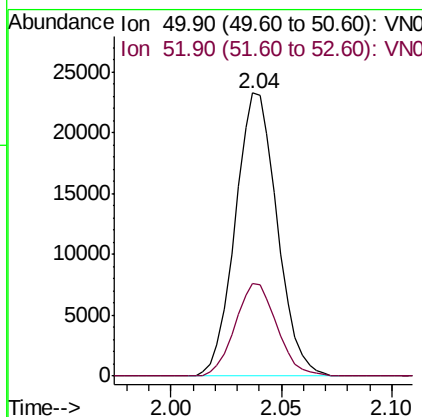
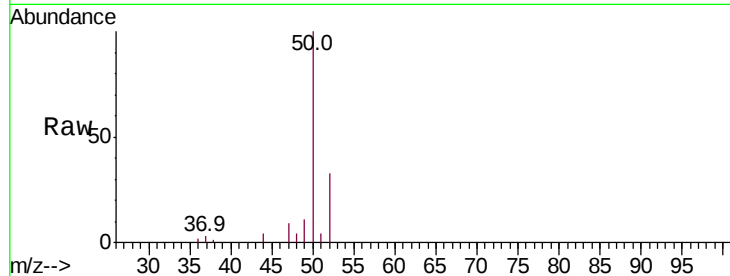




#3
Chloromethane
Concen: 15.379 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

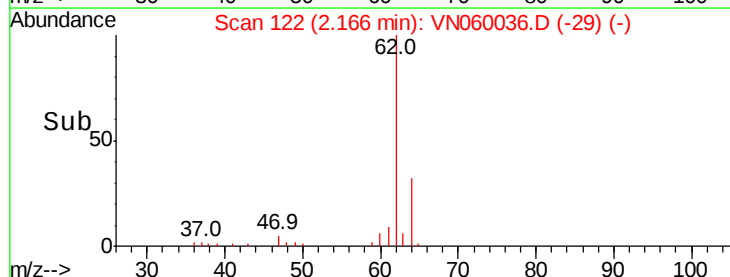
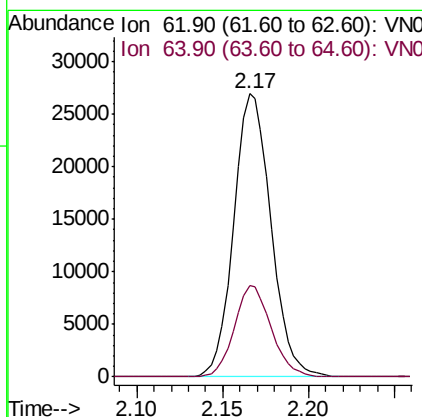
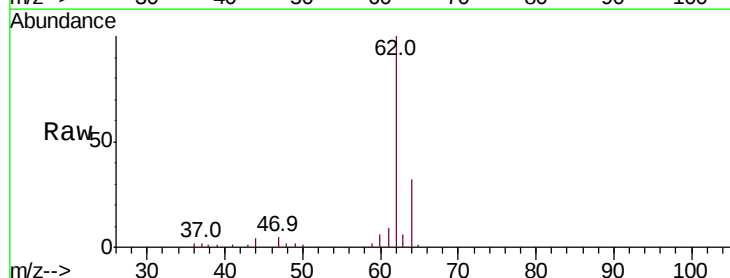
Instrument :
MSVOA_N
ClientSampled :

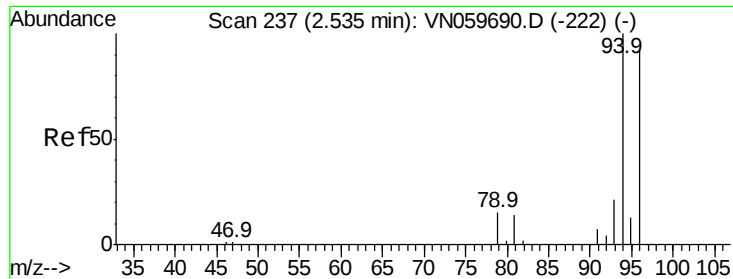
Tot Ion: 50 Resp: 30780
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 17.753 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 62 Resp: 40653
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0

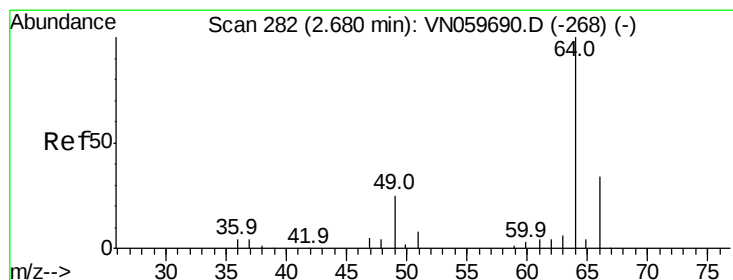
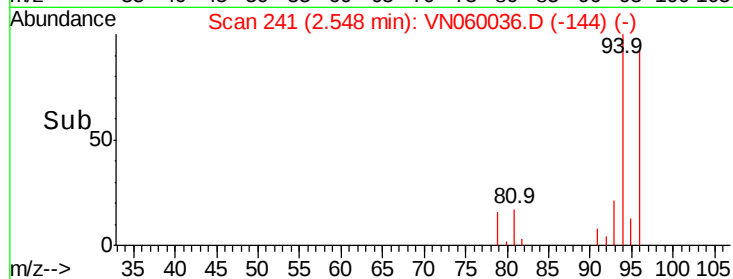
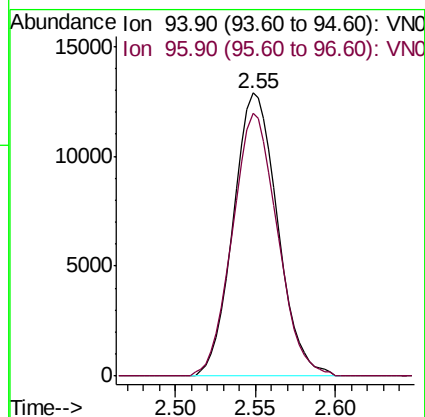
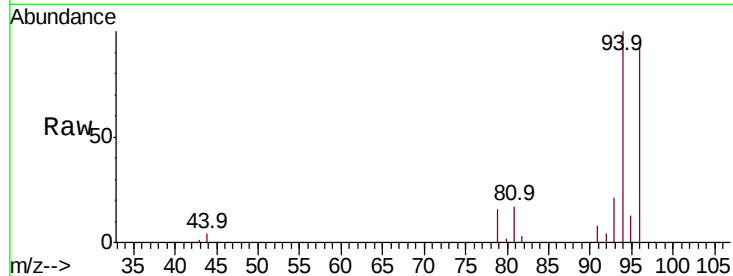




#5
Bromomethane
Concen: 17.413 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

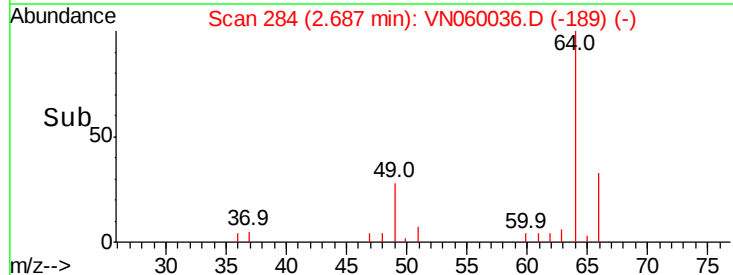
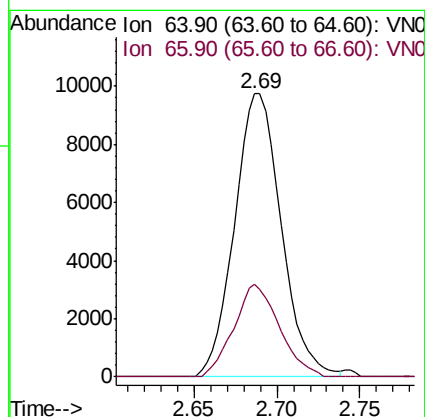
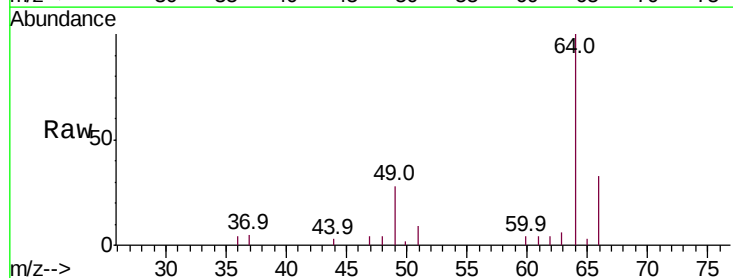
Instrument :
MSVOA_N
ClientSampled :

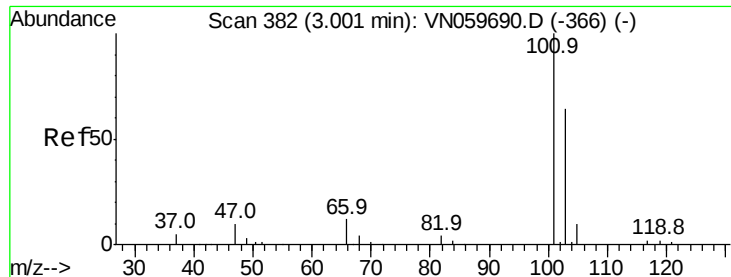
Tot Ion: 94 Resp: 24334
Ion Ratio Lower Upper
94 100
96 92.7 74.7 112.1



#6
Chloroethane
Concen: 17.689 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 64 Resp: 19164
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7



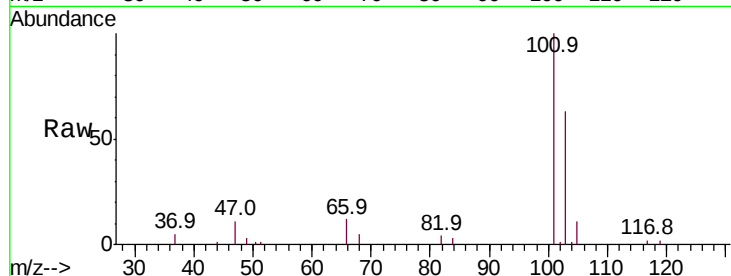


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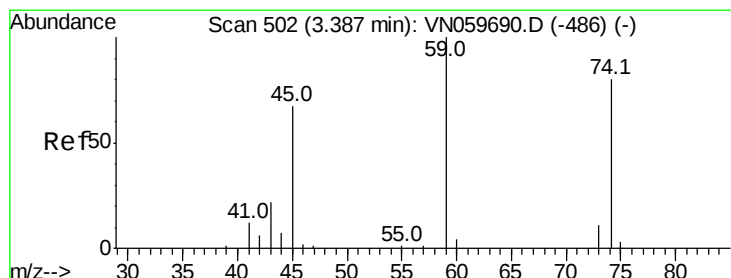
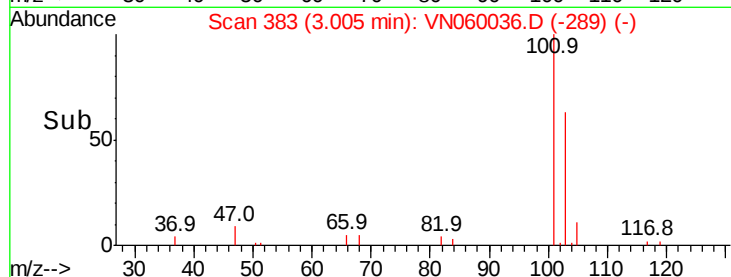
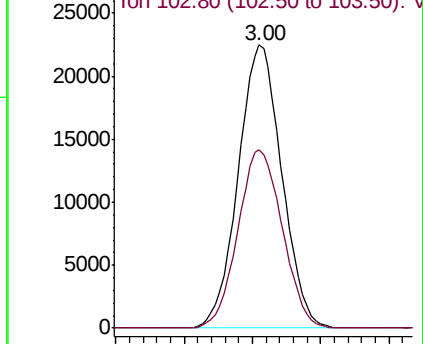
Trichlorofluoromethane
Concen: 18.108 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 49798
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.6



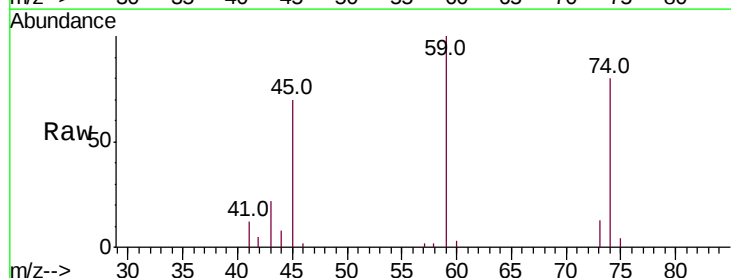
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



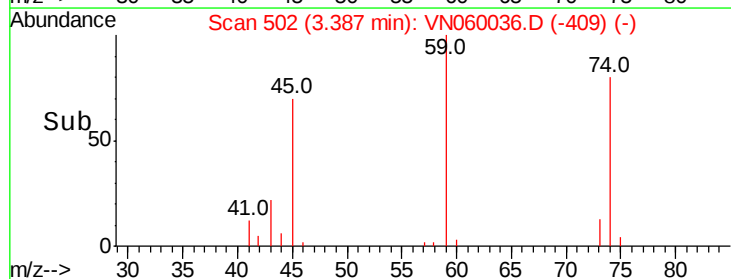
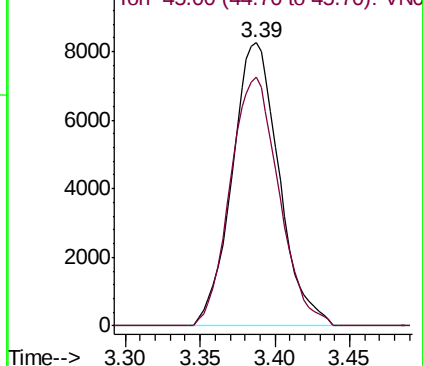
#8

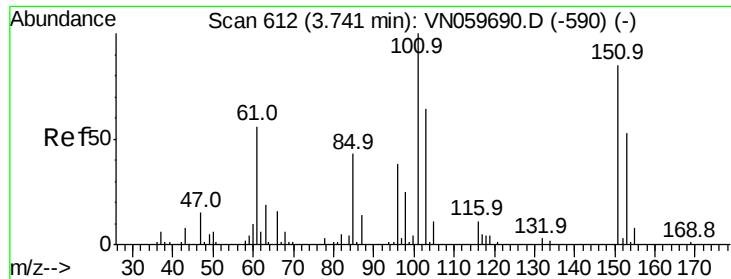
Diethyl Ether
Concen: 18.644 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 74 Resp: 17994
Ion Ratio Lower Upper
74 100
45 91.0 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V

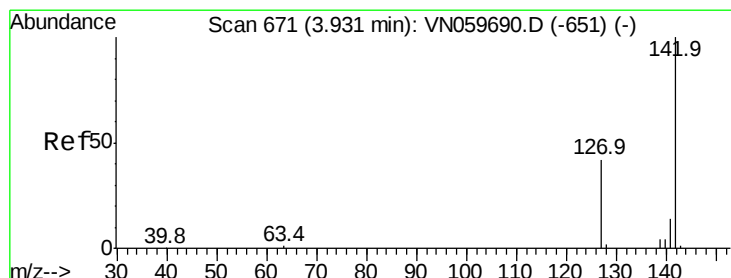
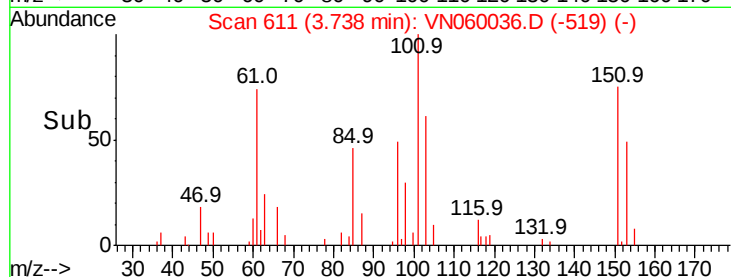
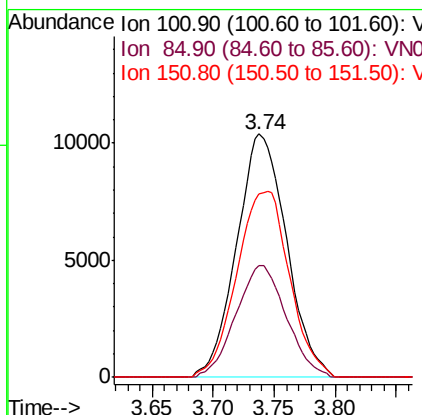
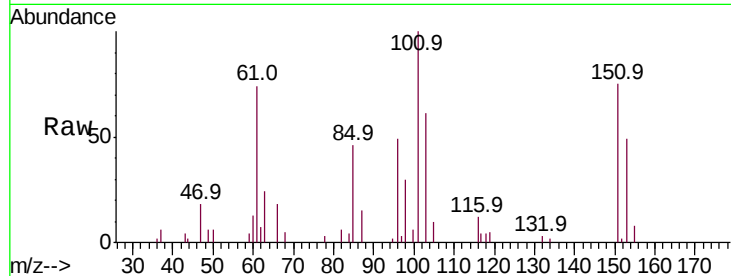




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.258 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

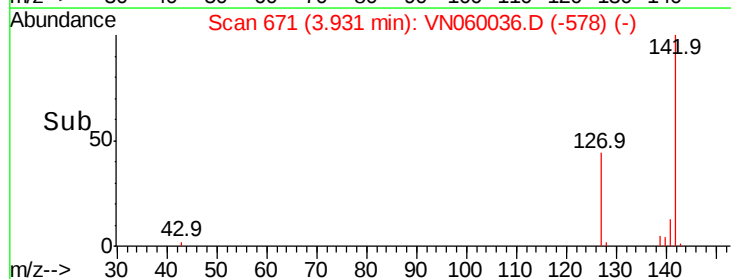
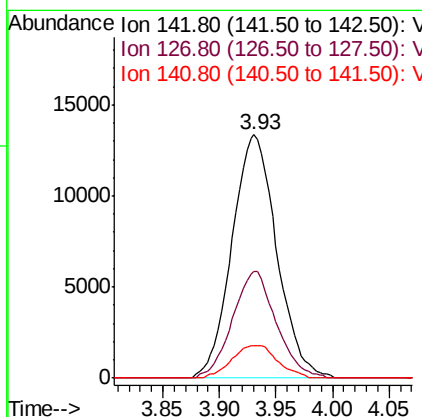
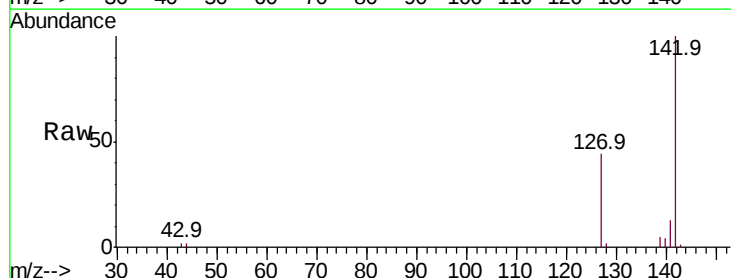
Instrument :
 MSVOA_N
 ClientSampled :

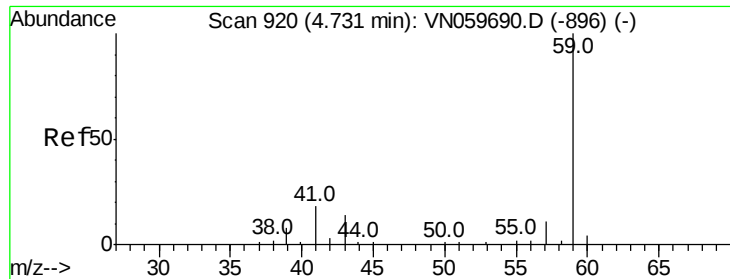
Tot Ion:101 Resp: 29477
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.6 54.8
 151 80.8 59.7 89.5



#10
 Methyl Iodide
 Concen: 14.829 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion:142 Resp: 36687
 Ion Ratio Lower Upper
 142 100
 127 42.8 36.7 55.1
 141 13.7 11.7 17.5

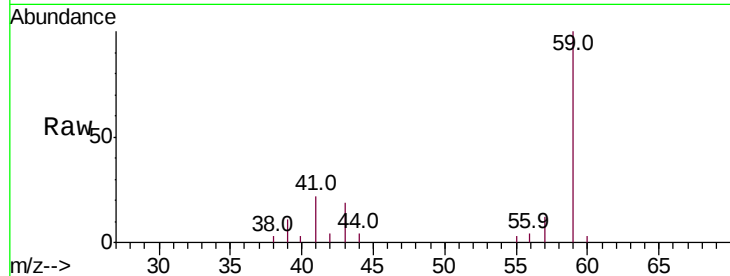




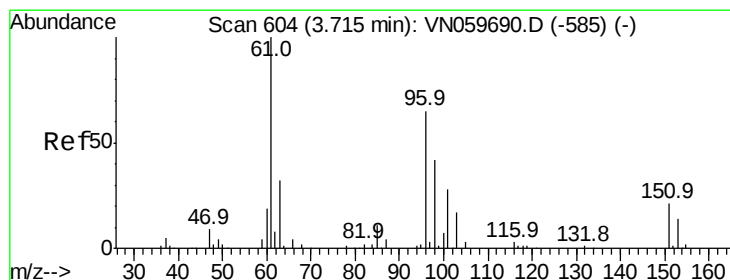
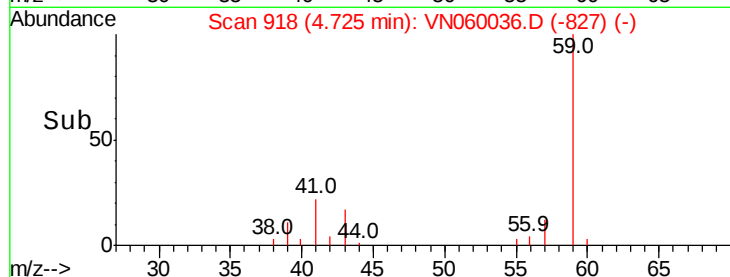
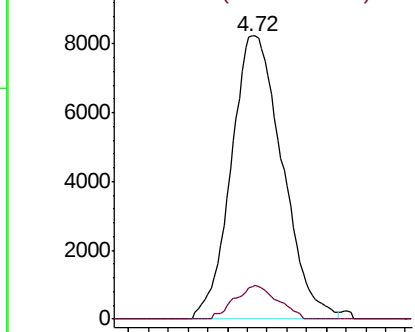
#11
Tert butyl alcohol
Concen: 90.592 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 29607
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

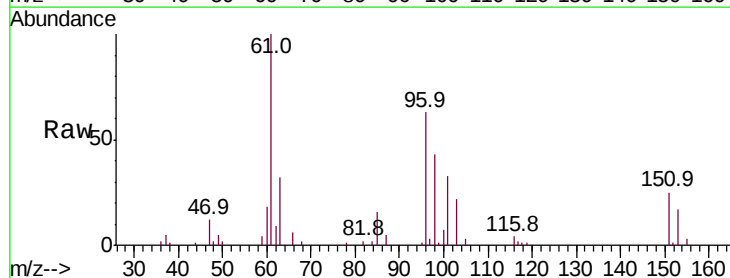


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

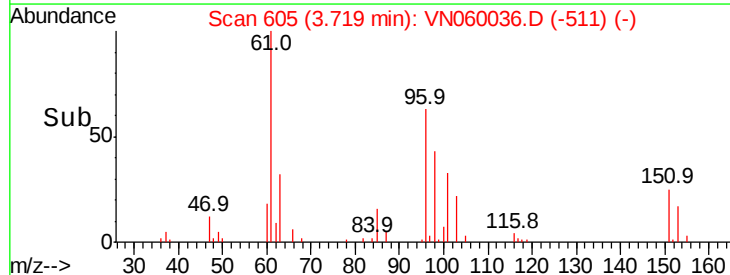
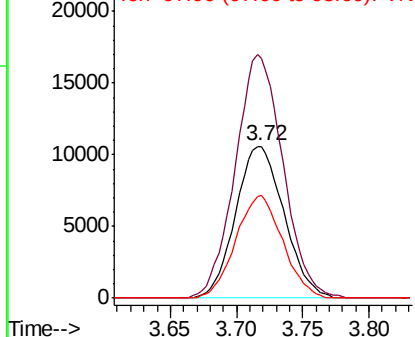


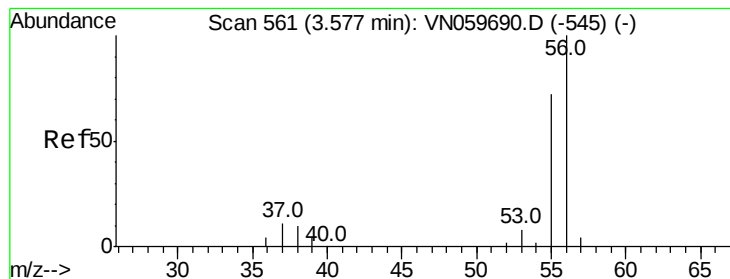
#12
1,1-Dichloroethene
Concen: 16.760 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 96 Resp: 26805
Ion Ratio Lower Upper
96 100
61 157.8 137.5 206.3
98 68.2 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: 78.691 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

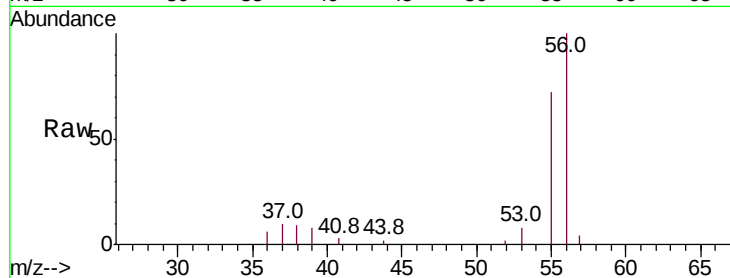
ClientSampleId :

Tot Ion: 56 Resp: 18205

Ion Ratio Lower Upper

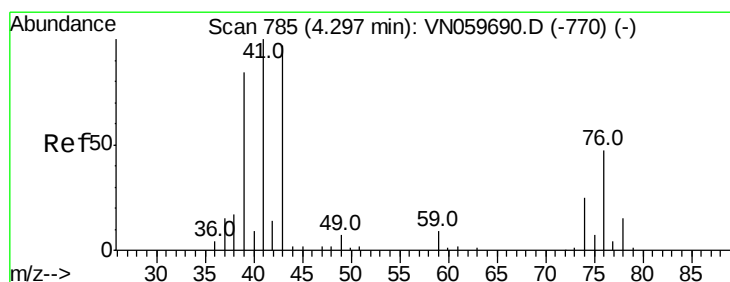
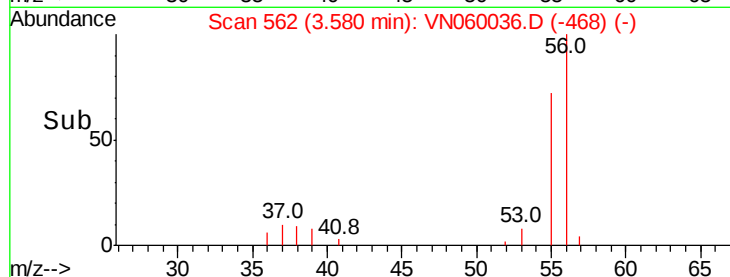
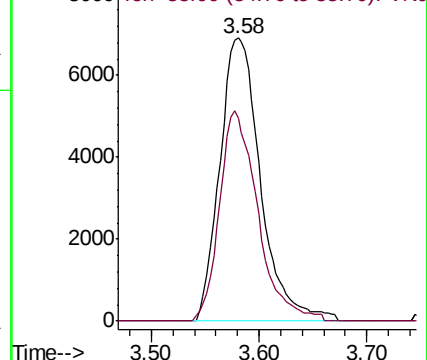
56 100

55 69.7 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.166 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

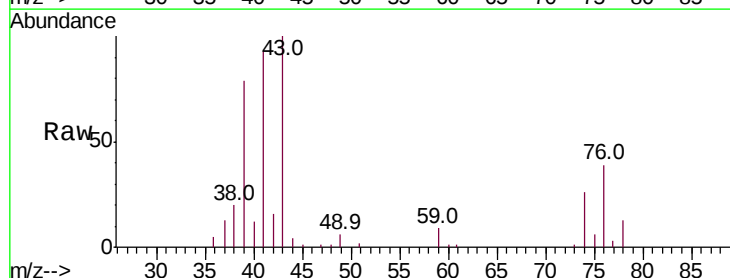
Tgt Ion: 41 Resp: 43474

Ion Ratio Lower Upper

41 100

39 78.6 57.8 86.8

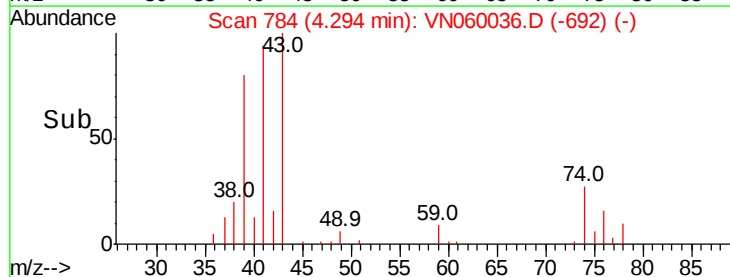
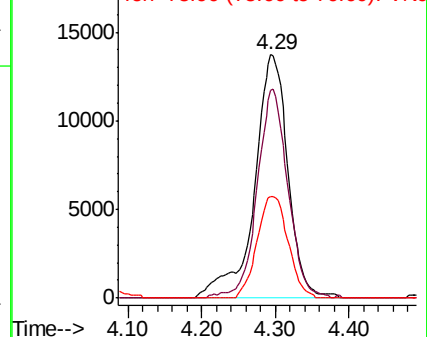
76 38.6 25.4 38.0#

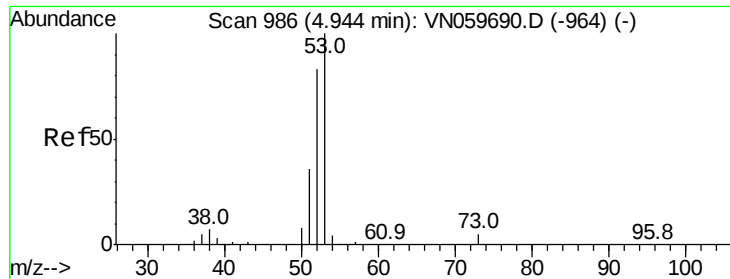


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.423 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

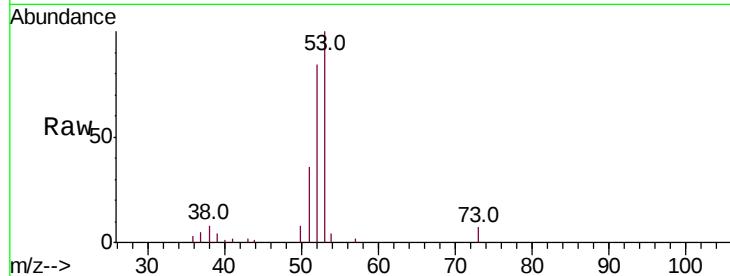
Tot Ion: 53 Resp: 71883

Ion Ratio Lower Upper

53 100

52 84.0 66.3 99.5

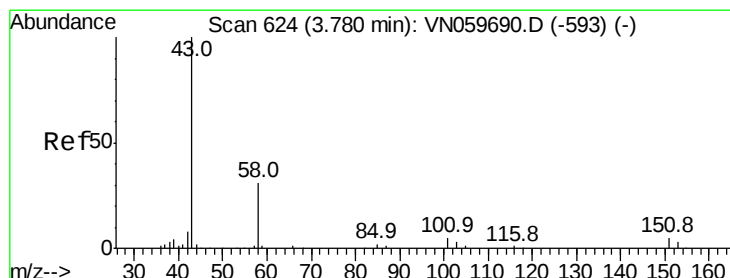
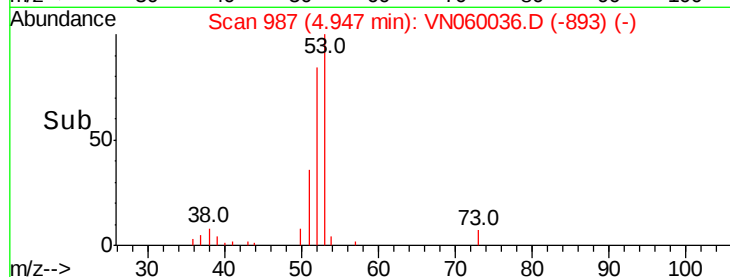
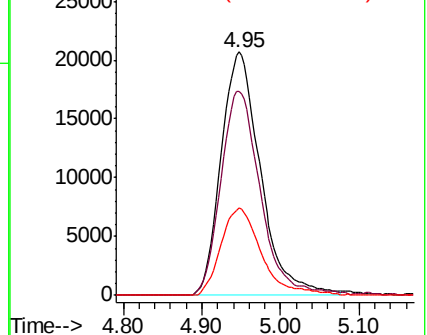
51 36.5 29.7 44.5



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: 116.762 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060036.D

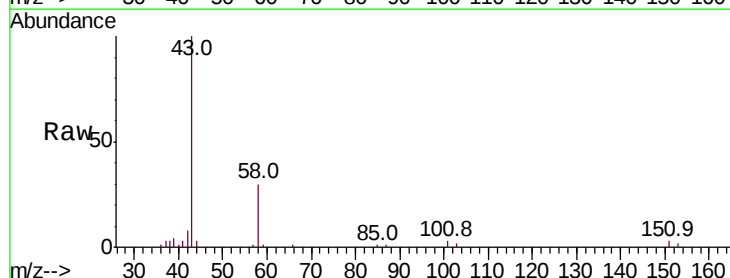
Acq: 10 Feb 2020 11:11

Tgt Ion: 43 Resp: 80846

Ion Ratio Lower Upper

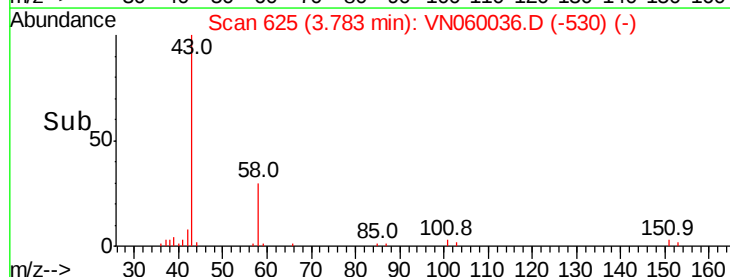
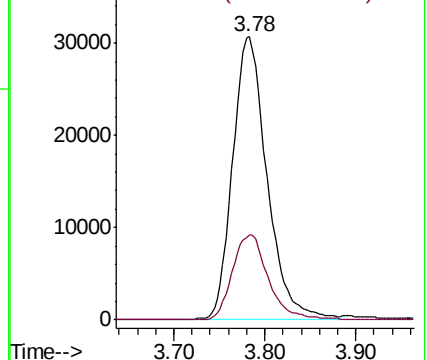
43 100

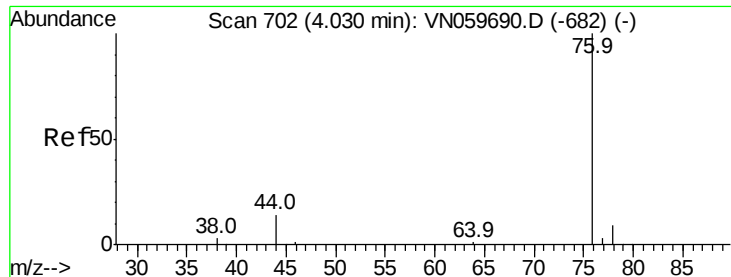
58 30.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

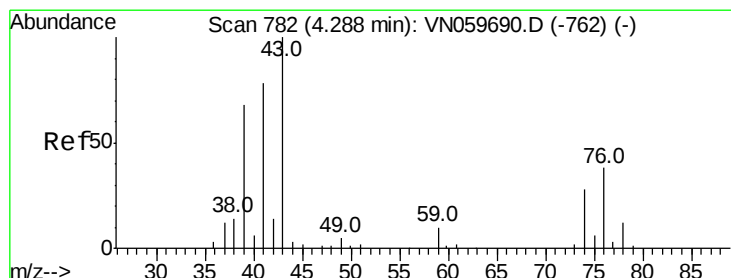
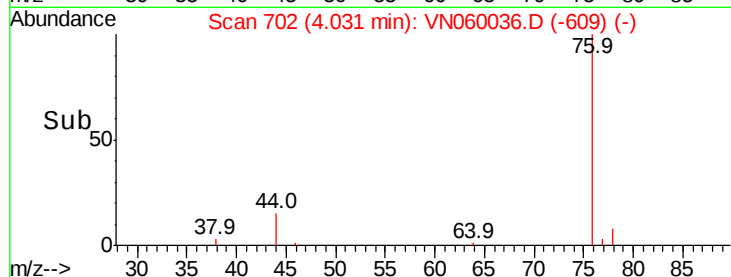
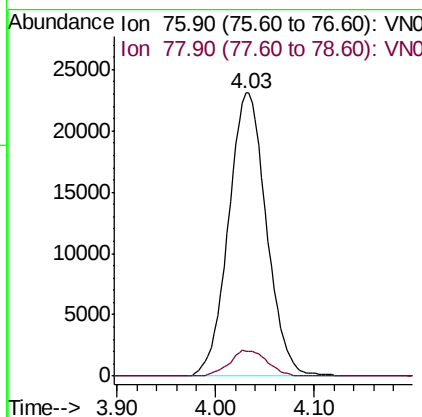
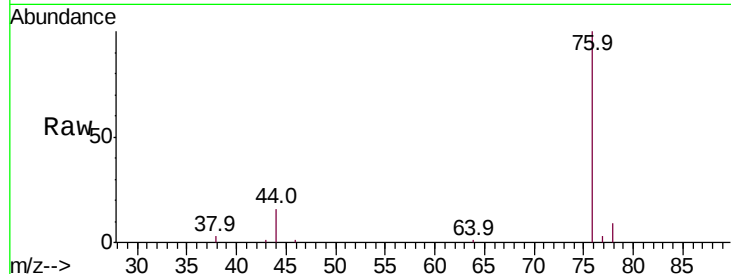




#17
Carbon Disulfide
Concen: 13.556 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

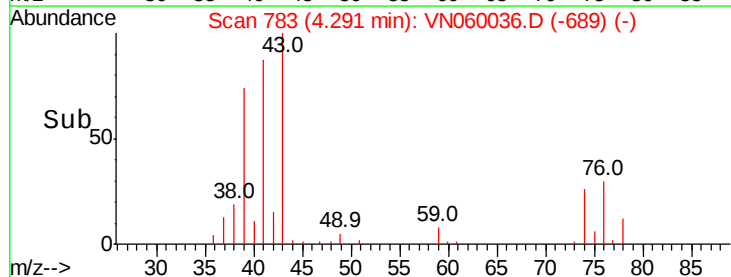
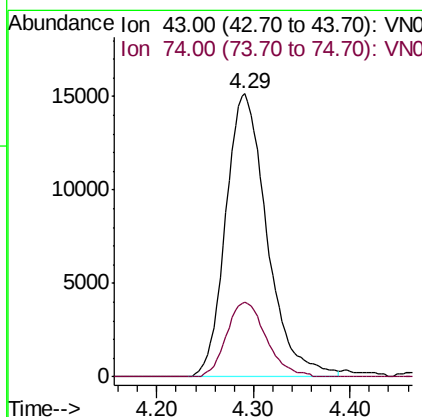
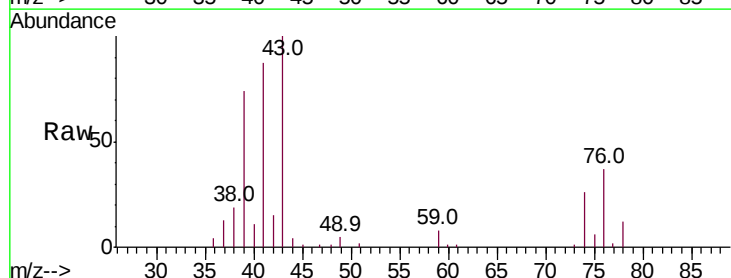
Instrument :
MSVOA_N
ClientSampled :

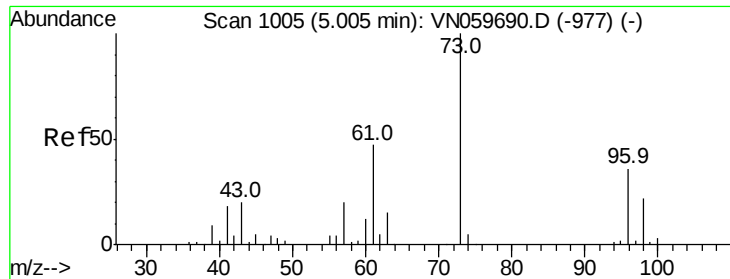
Tot Ion: 76 Resp: 61763
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 19.879 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 43 Resp: 45078
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3

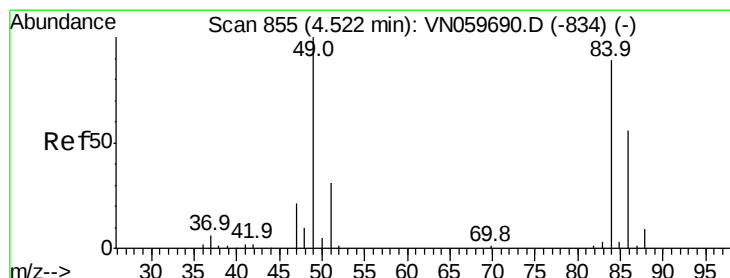
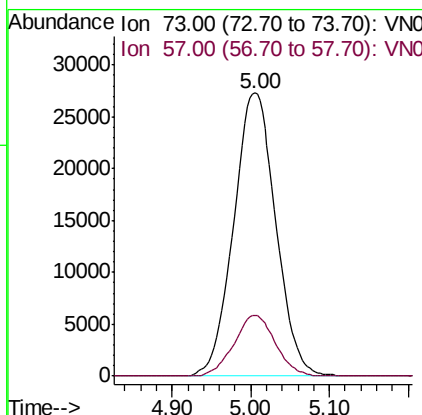
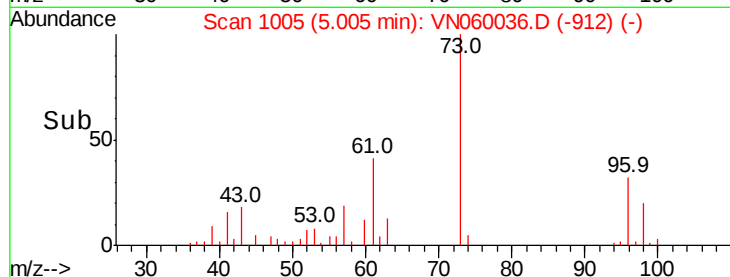
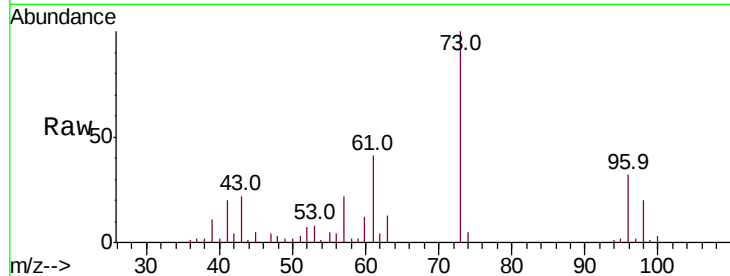




#19
Methvl tert-butvl Ether
Concen: 19.648 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

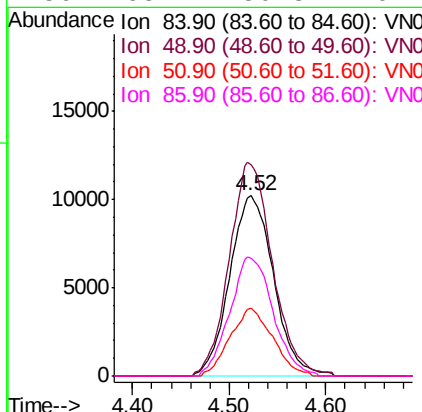
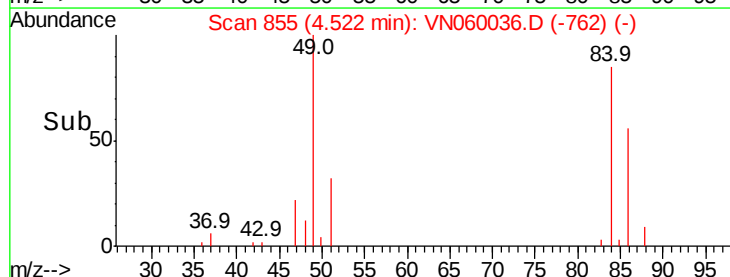
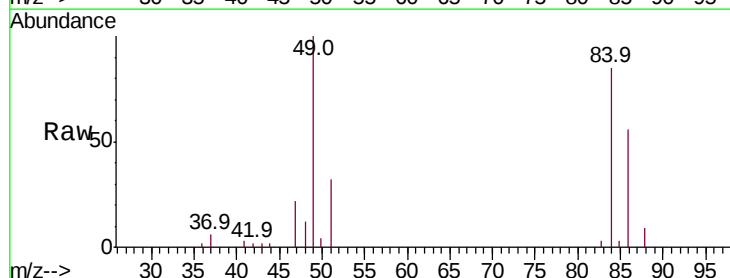
Instrument :
MSVOA_N
ClientSampleId :

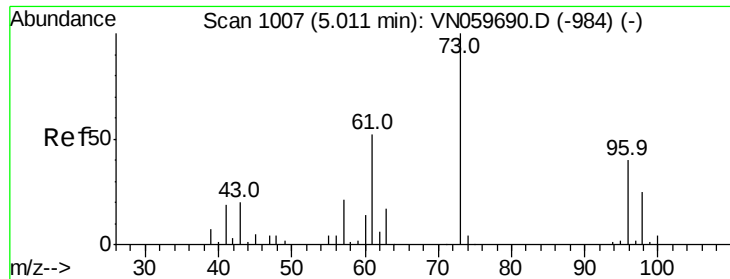
Tot Ion: 73 Resp: 102457
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 17.541 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 84 Resp: 32285
Ion Ratio Lower Upper
84 100
49 117.4 106.6 160.0
51 37.5 31.9 47.9
86 65.2 50.8 76.2

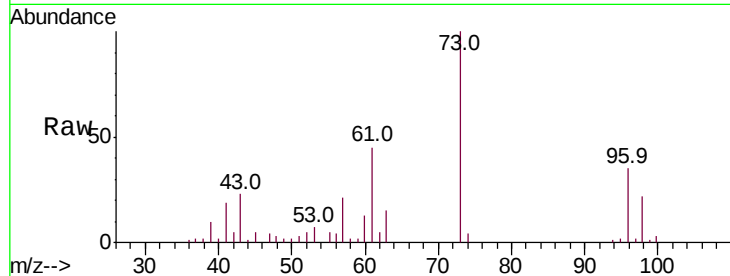




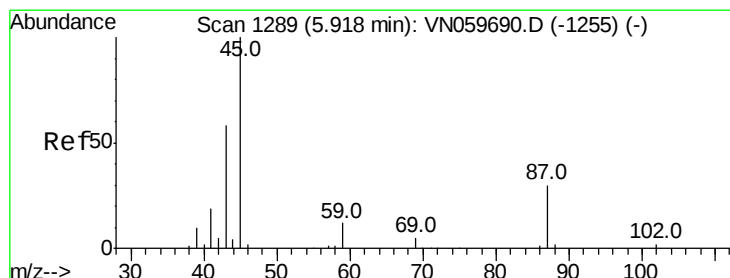
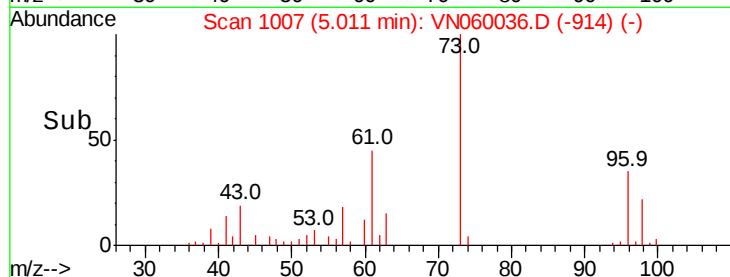
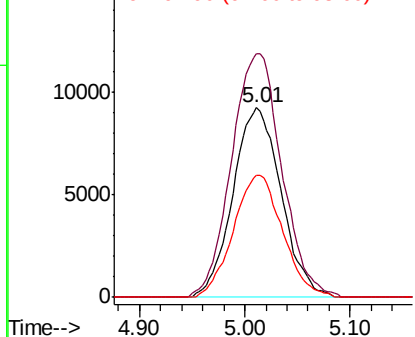
#21
trans-1,2-Dichloroethene
Concen: 17.270 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 29361
Ion Ratio Lower Upper
96 100
61 128.5 120.4 180.6
98 64.8 50.6 75.8

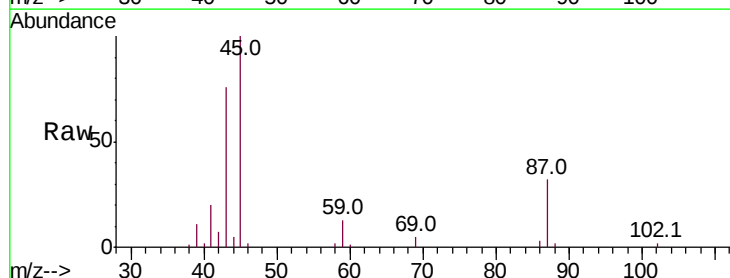


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

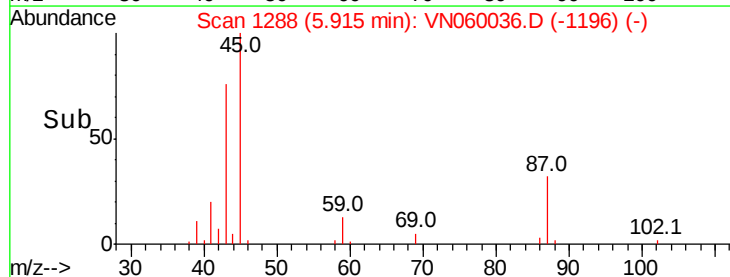
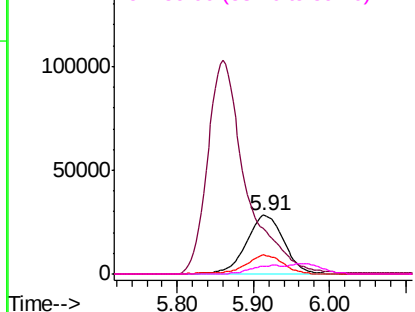


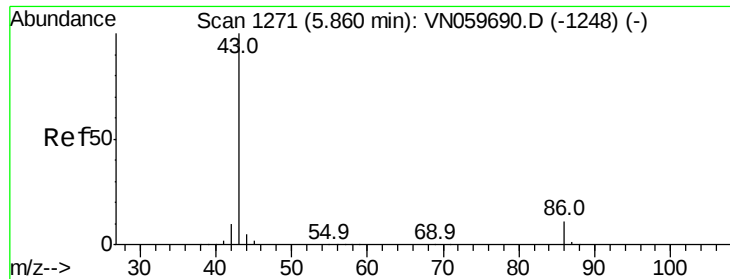
#22
Diisopropyl ether
Concen: 19.939 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 45 Resp: 97408
Ion Ratio Lower Upper
45 100
43 73.7 50.8 76.2
87 32.3 21.0 31.6#
59 13.5 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: 95.416 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

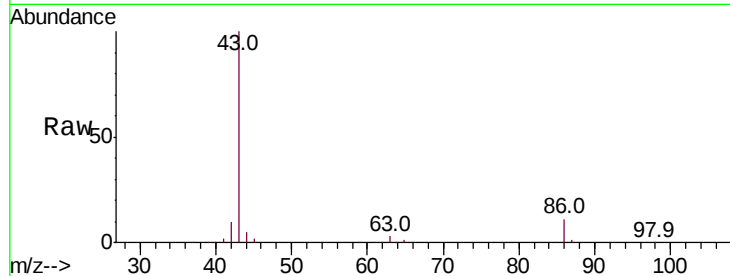
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 360908

Ion Ratio Lower Upper

43 100

86 10.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060036.D (-1271) (-)

Ion 86.00 (85.70 to 86.70): VN060036.D (-1271) (-)

120000

100000

80000

60000

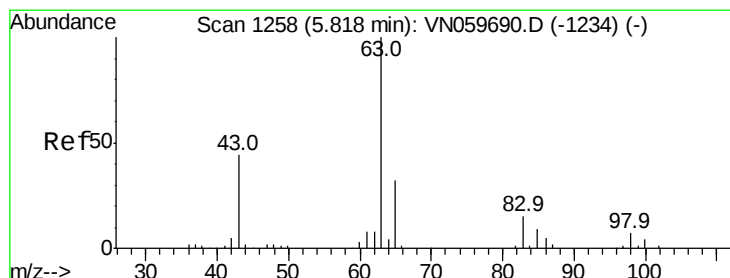
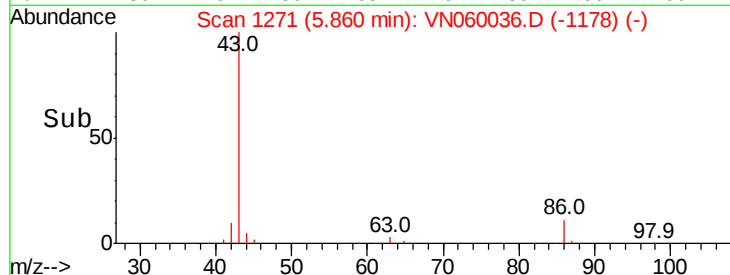
40000

20000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.418 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

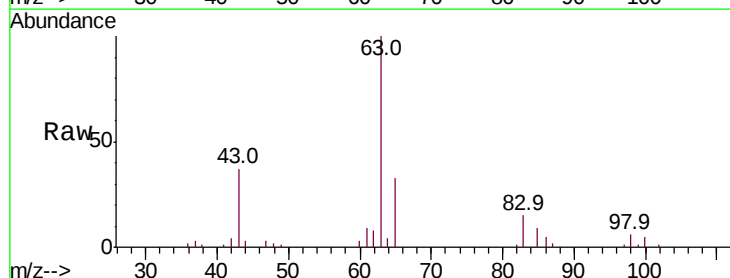
Tgt Ion: 63 Resp: 57964

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN060036.D (-1258) (-)

Ion 97.90 (97.60 to 98.60): VN060036.D (-1258) (-)

Ion 99.90 (99.60 to 100.60): VN060036.D (-1258) (-)

25000

20000

15000

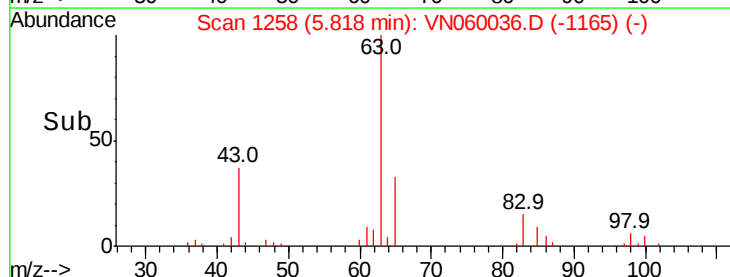
10000

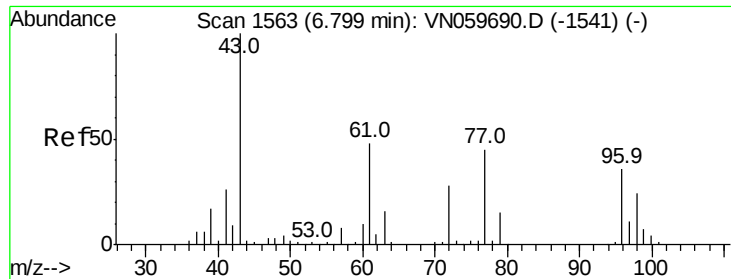
5000

0

5.70 5.80 5.90

Time-->

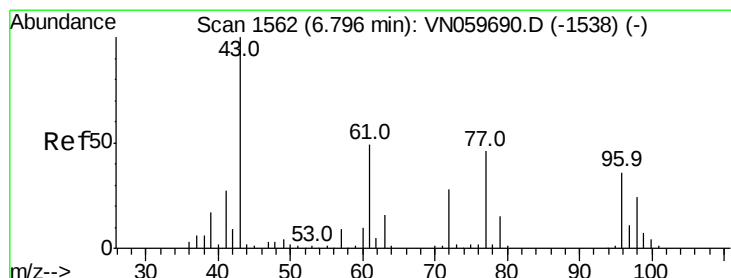
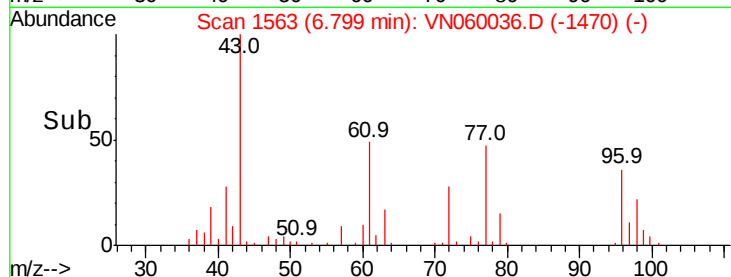
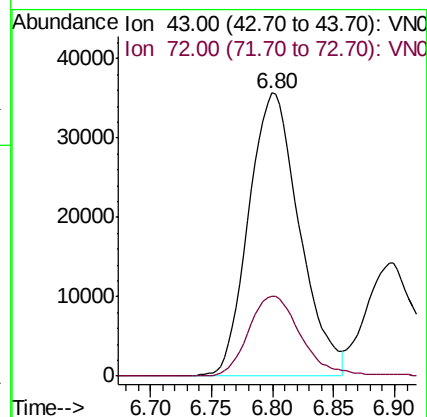
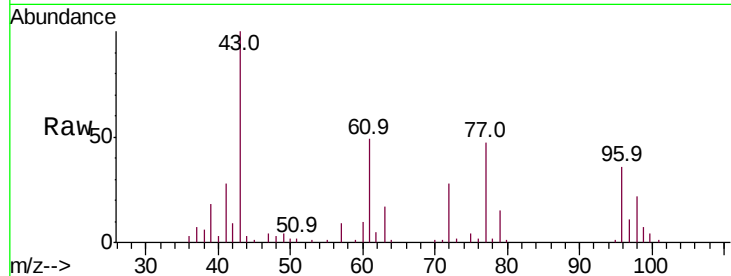




#25
2-Butanone
Concen: 93.848 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

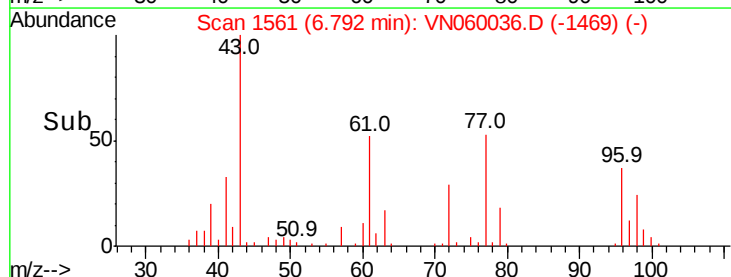
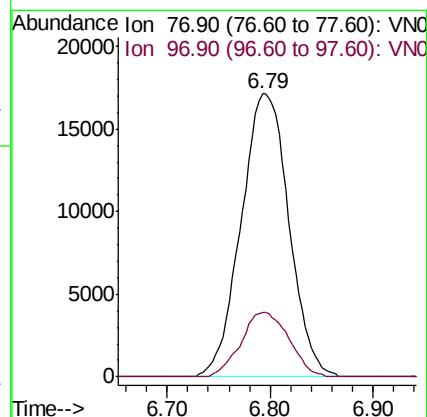
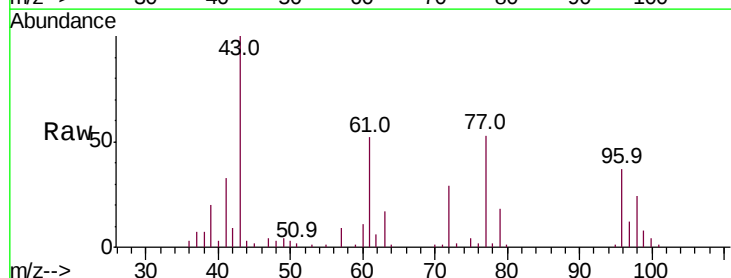
Instrument :
MSVOA_N
ClientSampled :

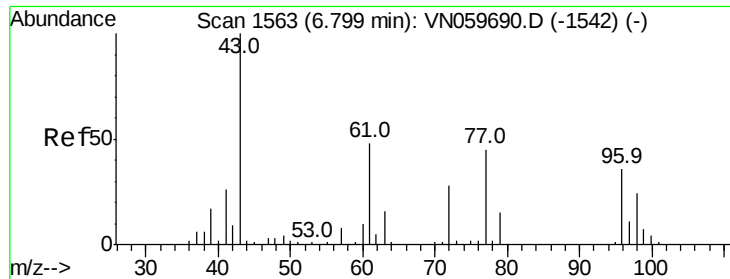
Tot Ion: 43 Resp: 103175
Ion Ratio Lower Upper
43 100
72 28.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.242 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 77 Resp: 55221
Ion Ratio Lower Upper
77 100
97 22.8 10.7 31.9

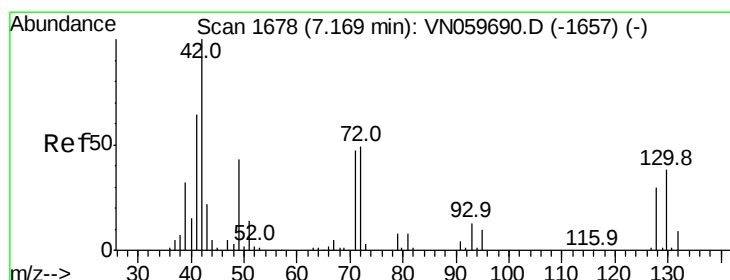
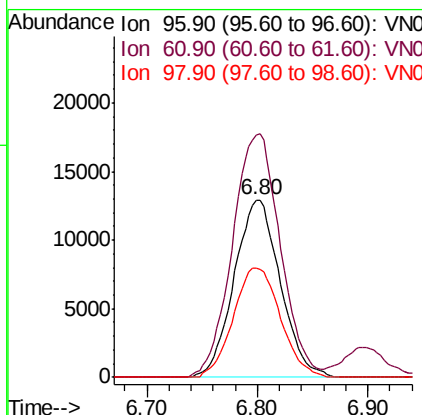
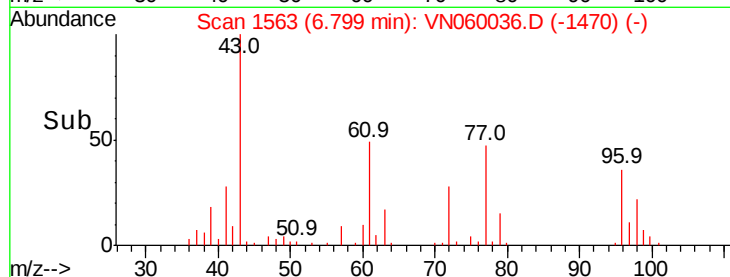
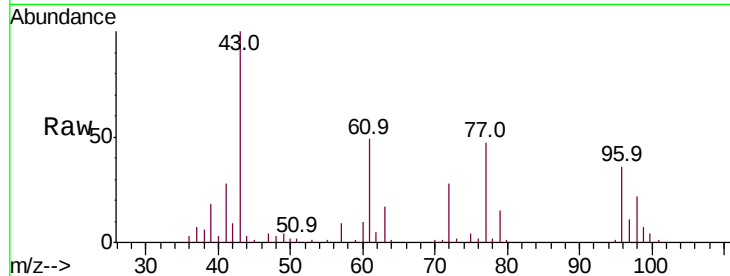




#27
 cis-1,2-Dichloroethene
 Concen: 19.171 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

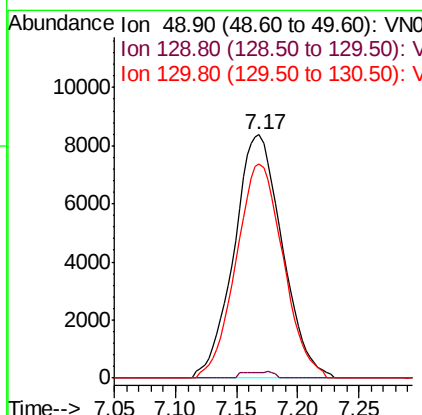
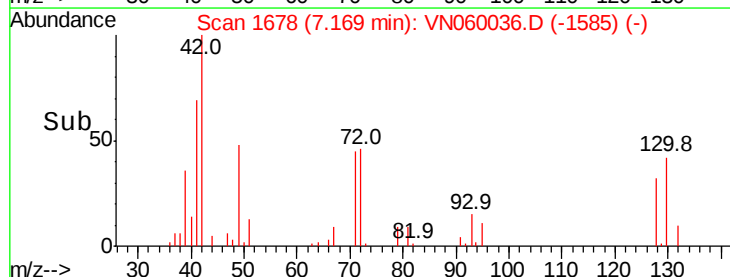
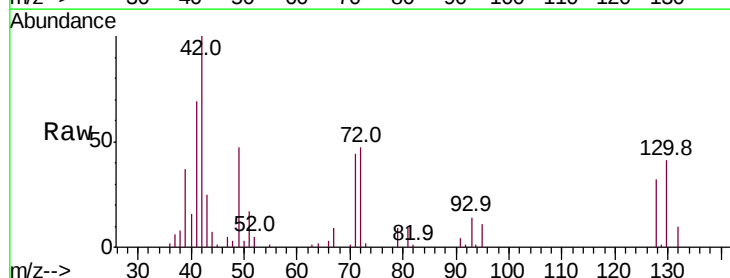
Instrument :
 MSVOA_N
 ClientSampled :

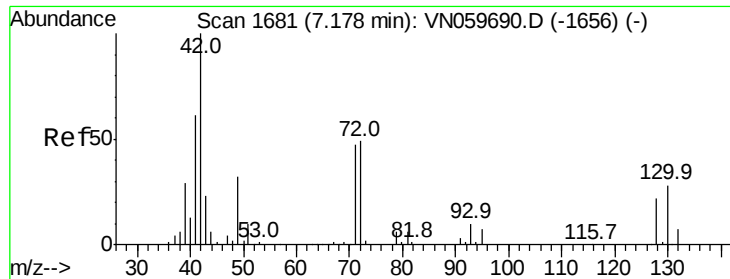
Tot Ion	96	Resp	37487
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	317.6
98	62.8	0.0	127.0



#28
 Bromochloromethane
 Concen: 19.205 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion	49	Resp	22913
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	86.0	54.7	82.1#

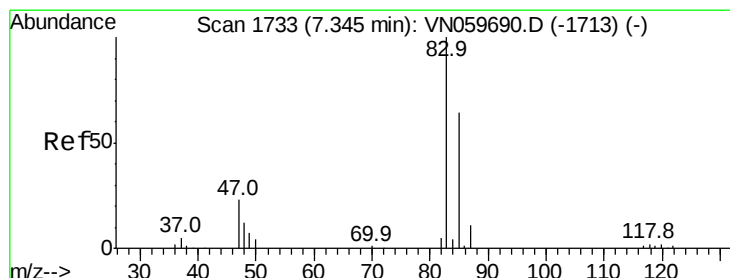
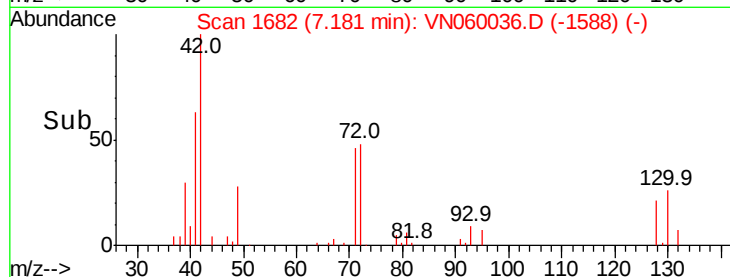
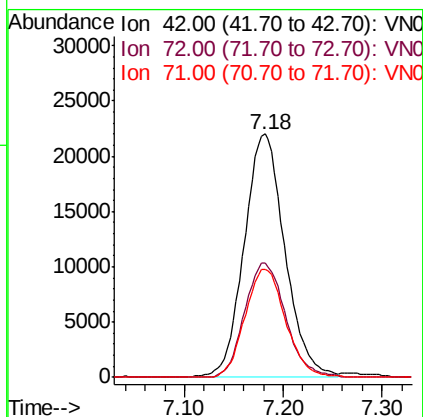
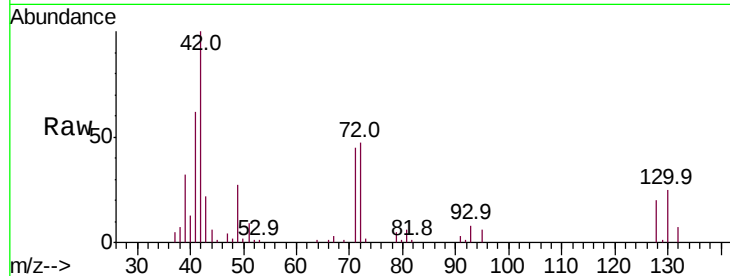




#29
Tetrahydrofuran
Concen: 92.470 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

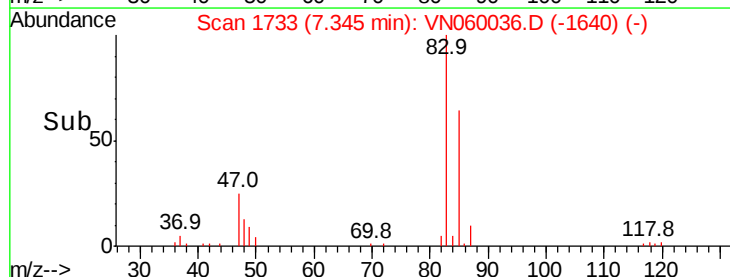
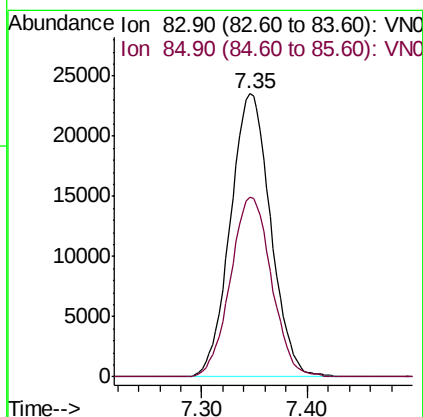
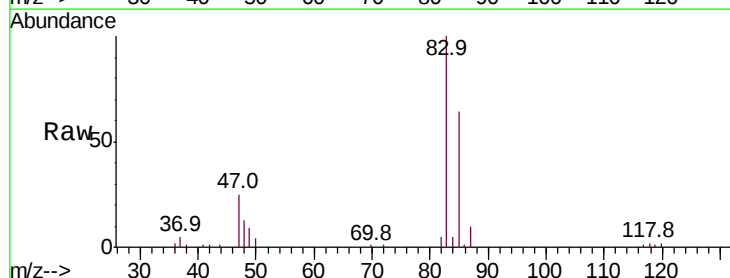
Instrument :
MSVOA_N
ClientSampled :

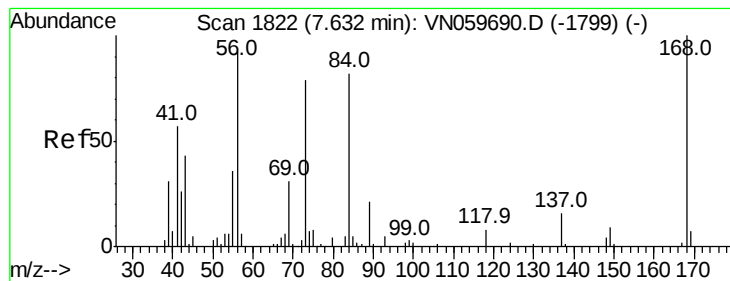
Tot Ion: 42 Resp: 62899
Ion Ratio Lower Upper
42 100
72 47.0 33.1 49.7
71 44.3 31.4 47.0



#30
Chloroform
Concen: 20.185 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 83 Resp: 62429
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6





#31

Cyclohexane

Concen: 16.654 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

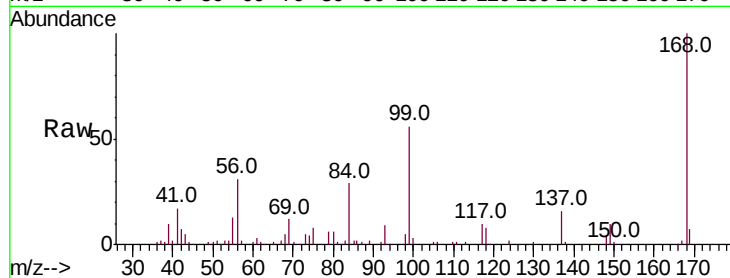
Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

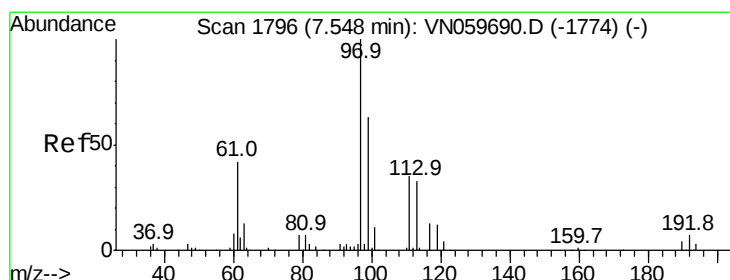
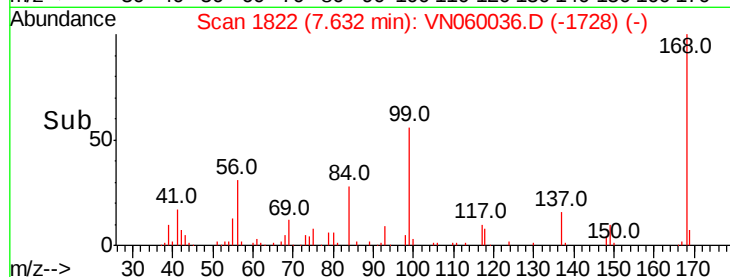
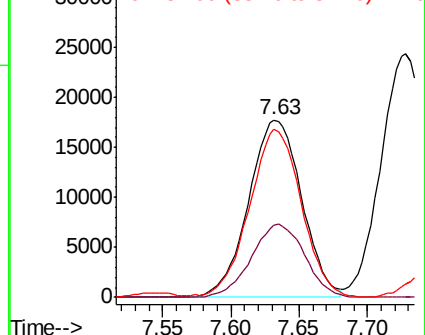
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 47838

Ion	Ratio	Lower	Upper
56	100		
69	40.5	26.5	39.7#
84	93.3	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: 19.411 ug/l

RT: 7.55 min Scan# 1796

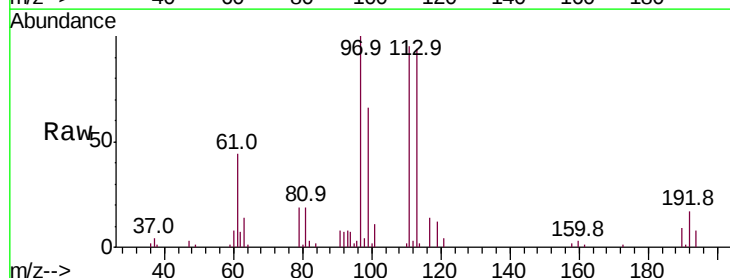
Delta R.T. 0.00 min

Lab File: VN060036.D

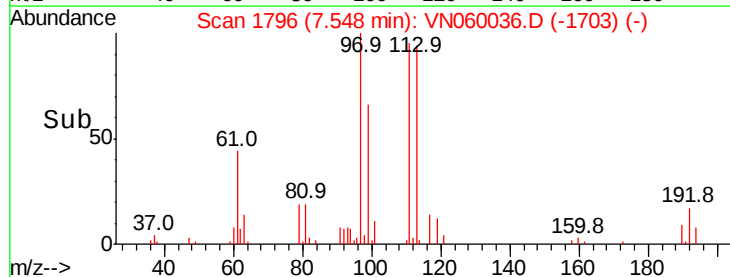
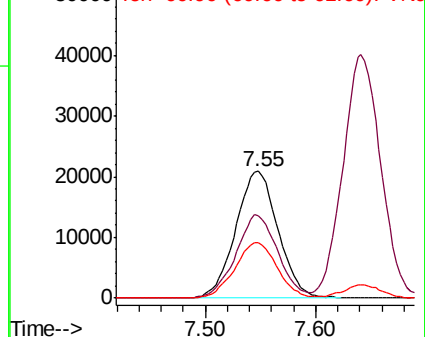
Acq: 10 Feb 2020 11:11

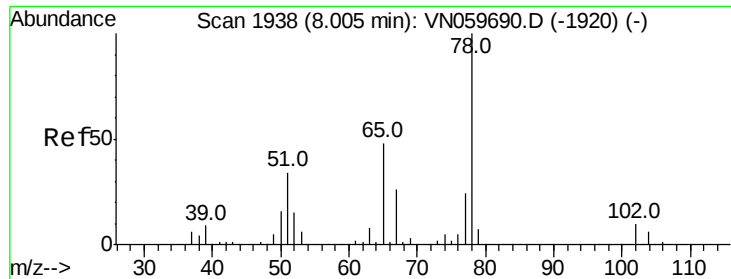
Tgt Ion: 97 Resp: 55511

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	43.7	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

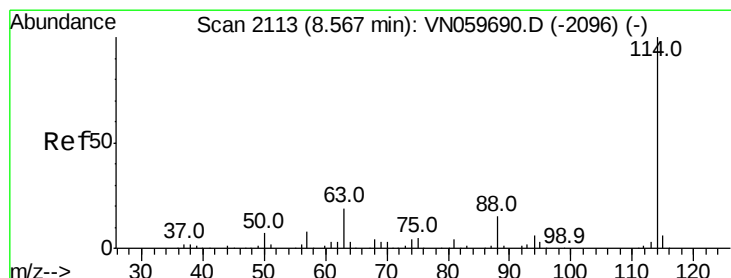
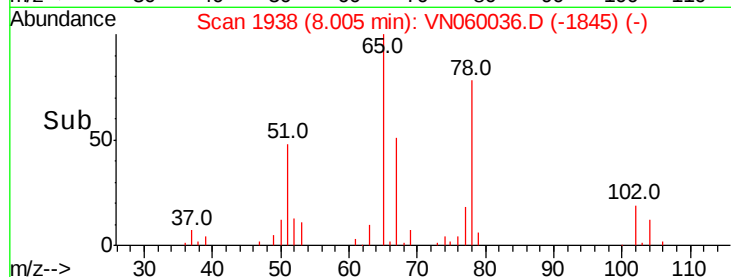
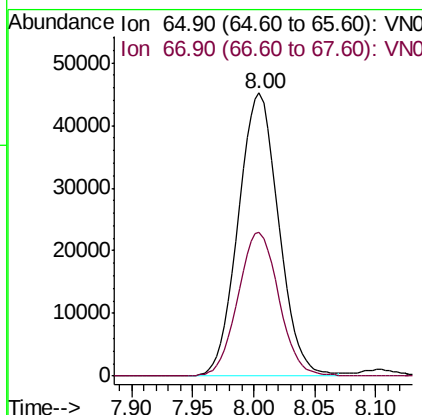
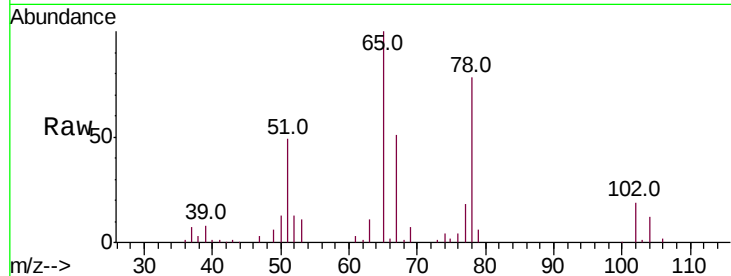




#33
 1,2-Dichloroethane-d4
 Concen: 53.379 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

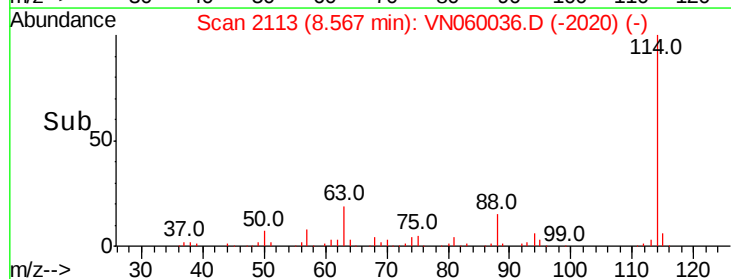
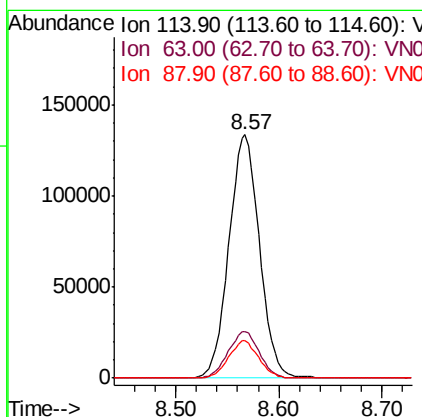
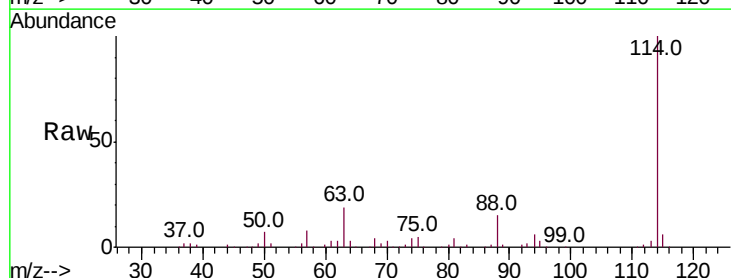
Instrument :
 MSVOA_N
 ClientSampled :

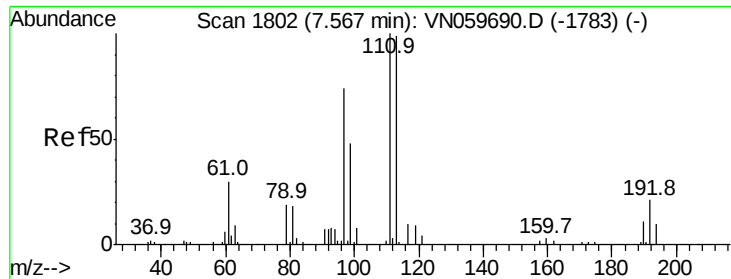
Tot Ion: 65 Resp: 103628
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion: 114 Resp: 275651
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.350 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

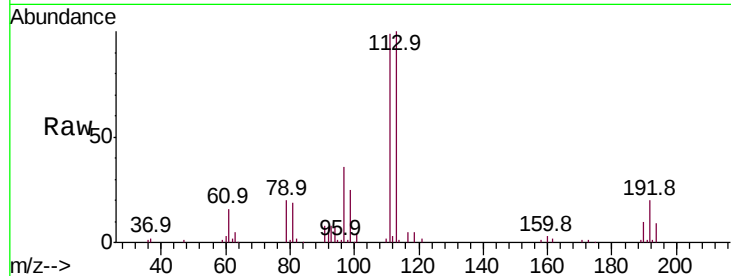
Tot Ion:113 Resp: 86055

Ion Ratio Lower Upper

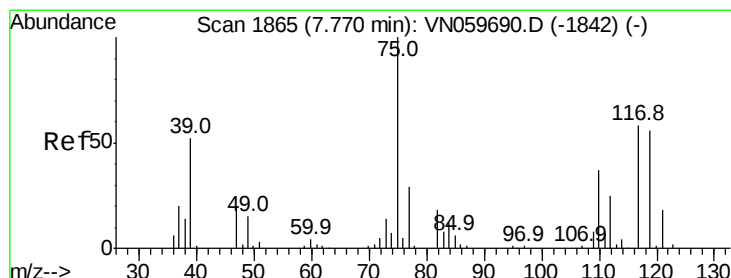
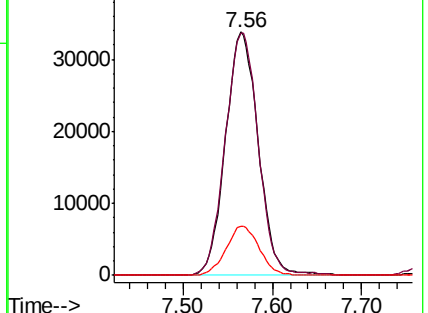
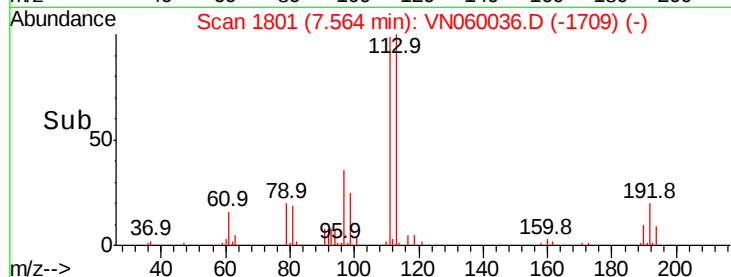
113 100

111 100.0 83.5 125.3

192 20.4 15.4 23.2



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



#36

1,1-Dichloropropene

Concen: 17.580 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

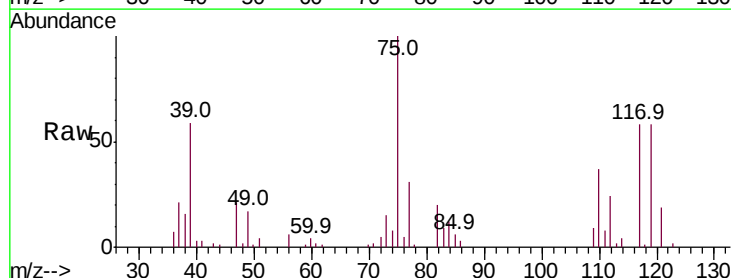
Tgt Ion: 75 Resp: 42201

Ion Ratio Lower Upper

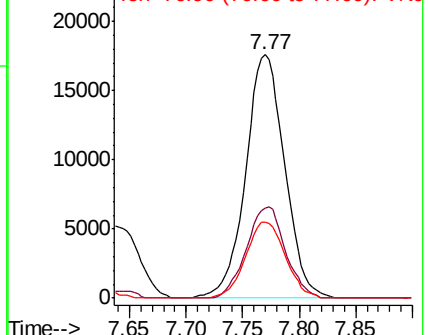
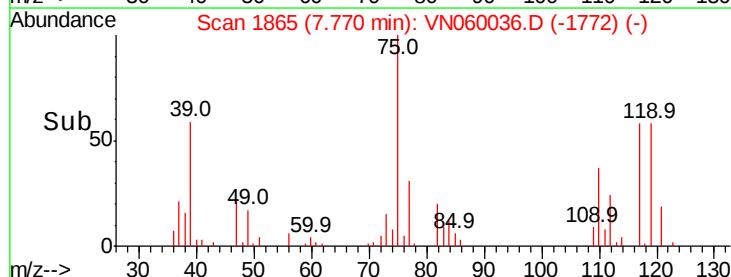
75 100

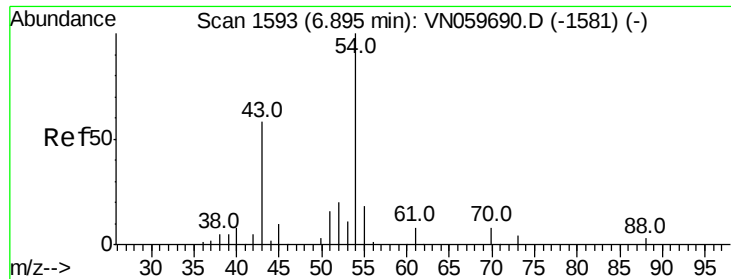
110 37.3 16.6 49.7

77 31.7 25.1 37.7



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

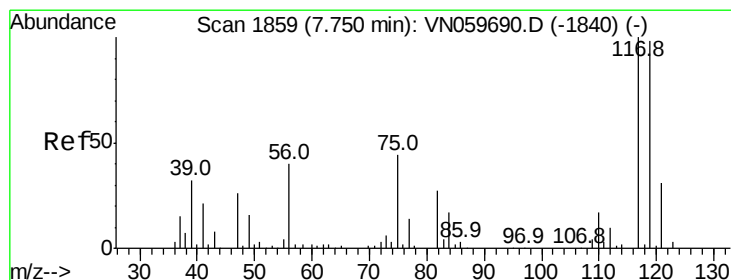
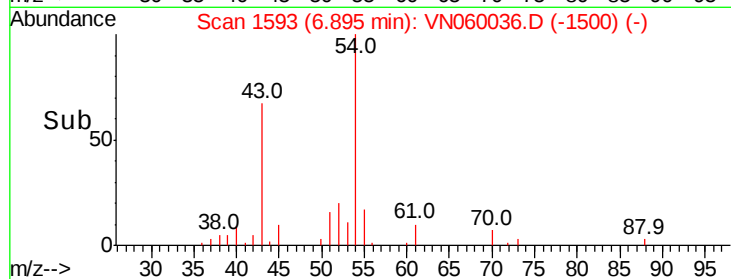
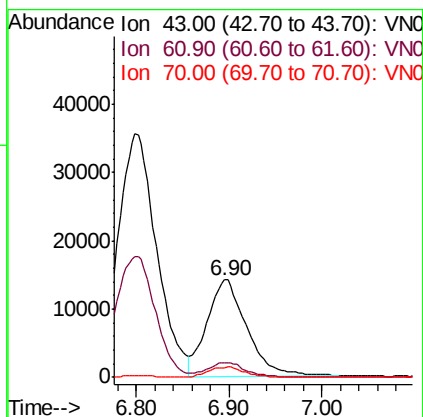
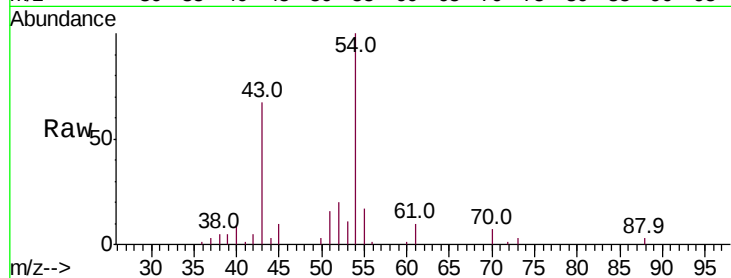




#37
Ethyl Acetate
Concen: 18.844 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

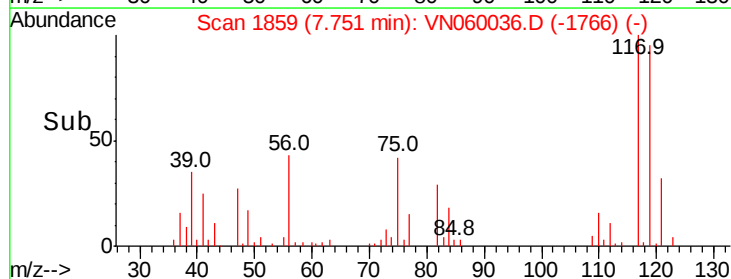
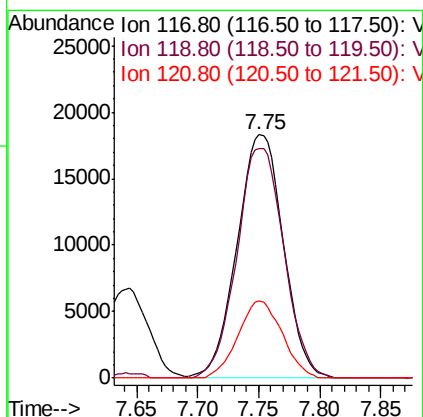
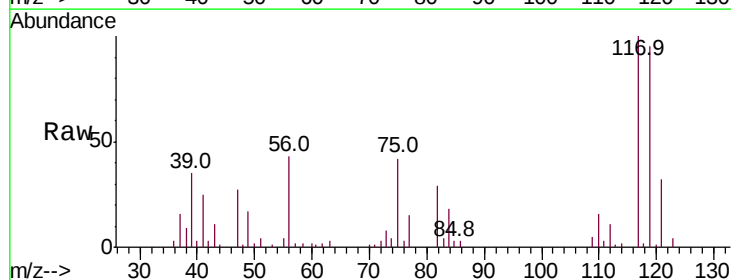
Instrument :
MSVOA_N
ClientSampled :

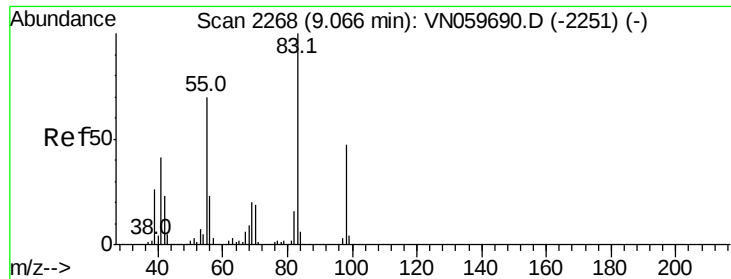
Tot Ion: 43 Resp: 42427
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.452 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 117 Resp: 48183
Ion Ratio Lower Upper
117 100
119 94.5 76.5 114.7
121 31.9 25.1 37.7

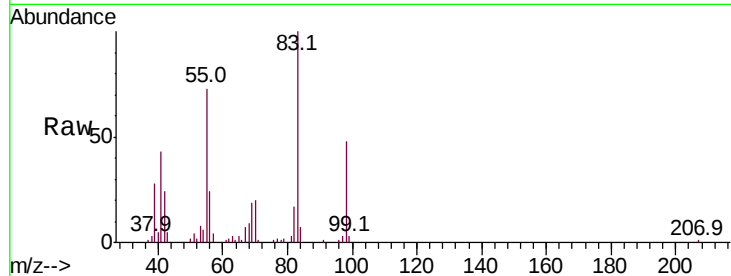




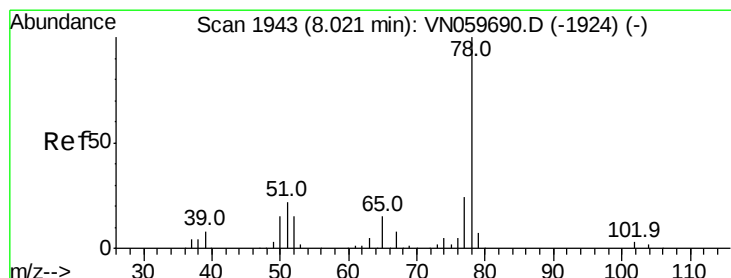
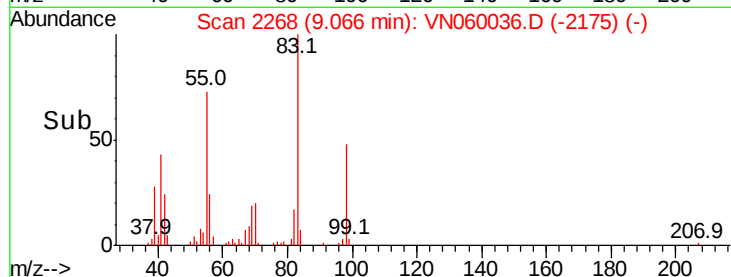
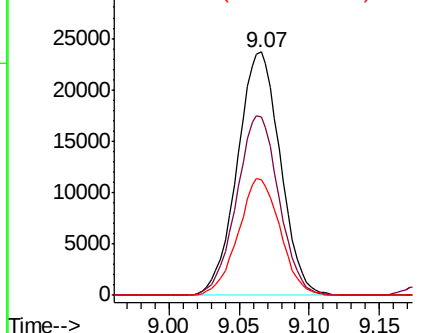
#39
Methvlcvclohexane
Concen: 17.040 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 50437
Ion Ratio Lower Upper
83 100
55 73.2 64.2 96.2
98 47.7 35.9 53.9

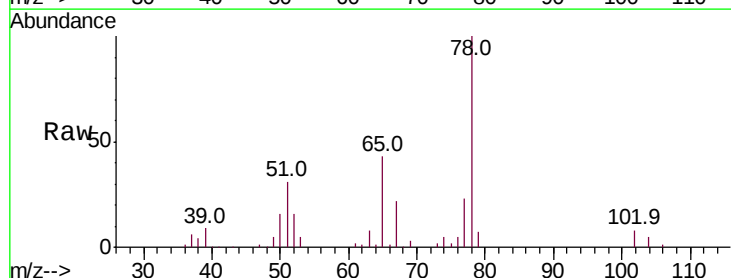


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

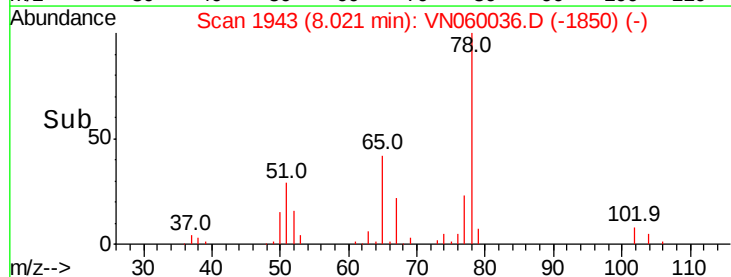
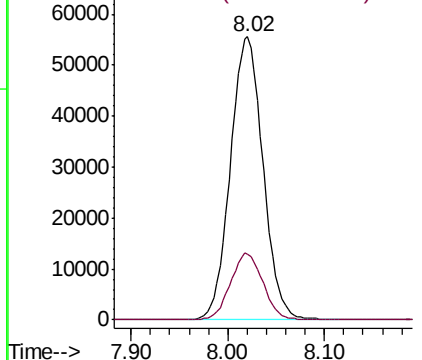


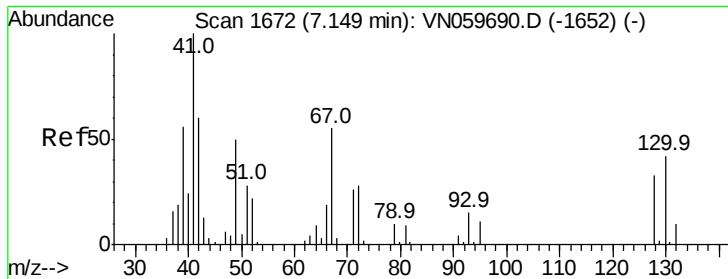
#40
Benzene
Concen: 18.173 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 78 Resp: 130104
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



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





#41

Methacrylonitrile

Concen: 53.590 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 59429

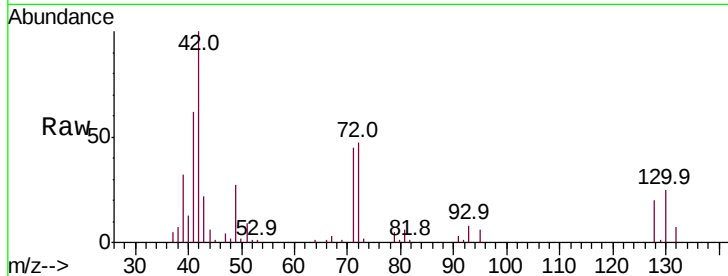
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



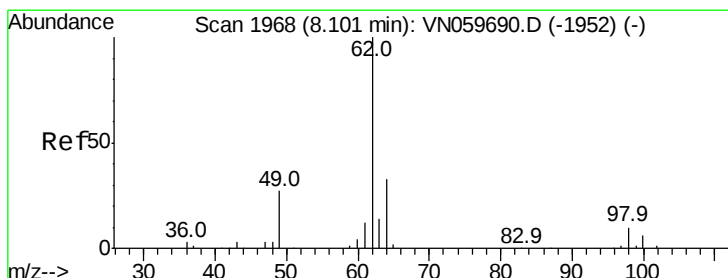
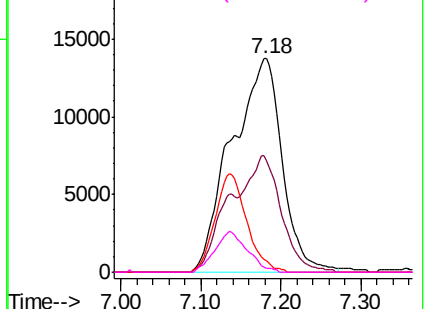
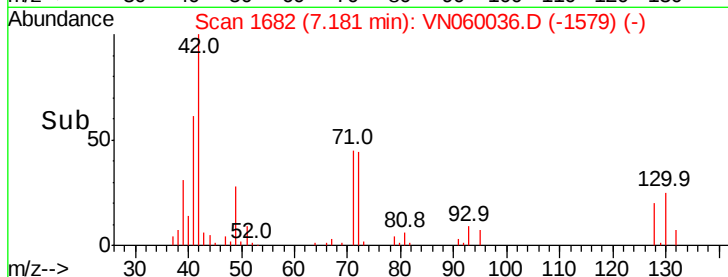
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 19.738 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN060036.D

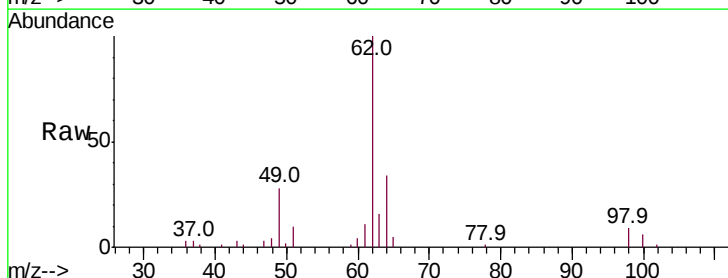
Acq: 10 Feb 2020 11:11

Tgt Ion: 62 Resp: 47910

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8

62 100

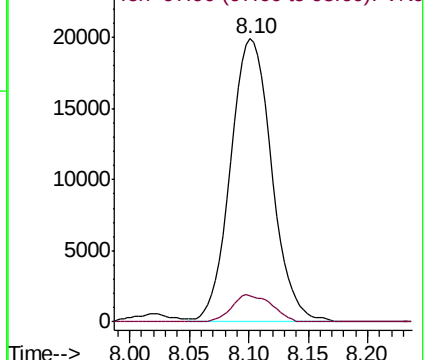
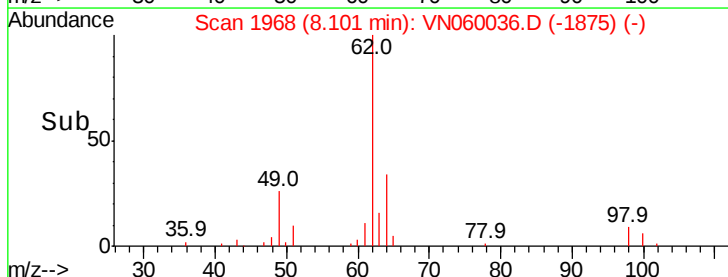
98 9.3 0.0 15.8

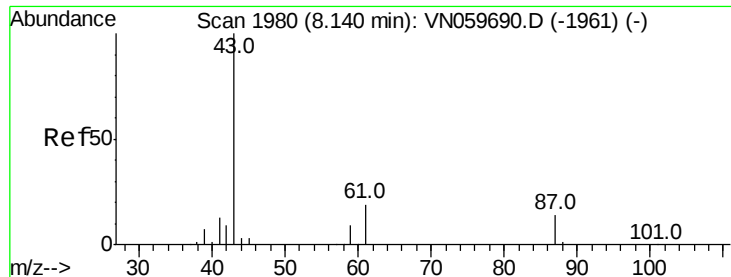


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 18.258 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

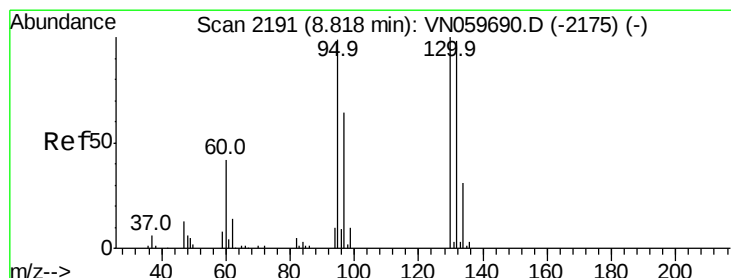
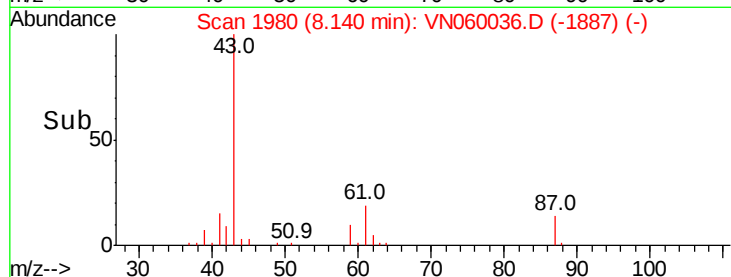
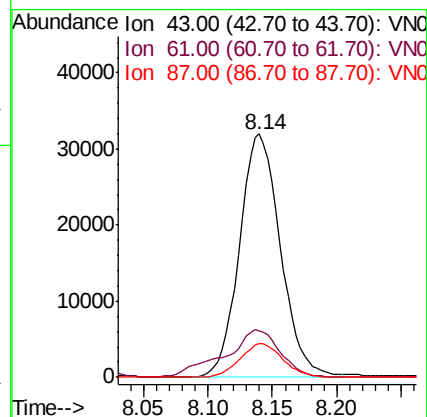
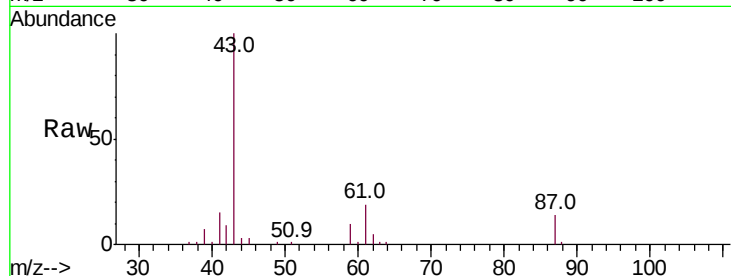
Tot Ion: 43 Resp: 70706

Ion Ratio Lower Upper

43 100

61 26.5 20.2 30.2

87 14.4 9.5 14.3#



#44

Trichloroethene

Concen: 19.095 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060036.D

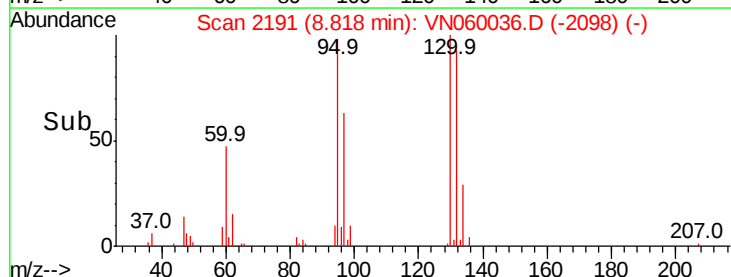
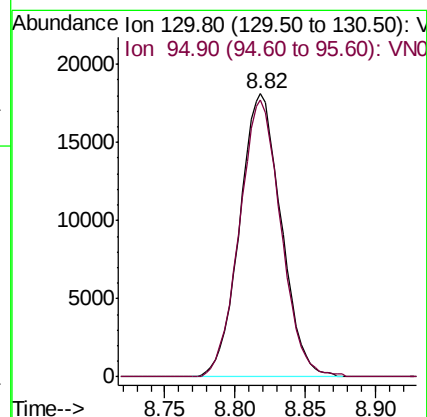
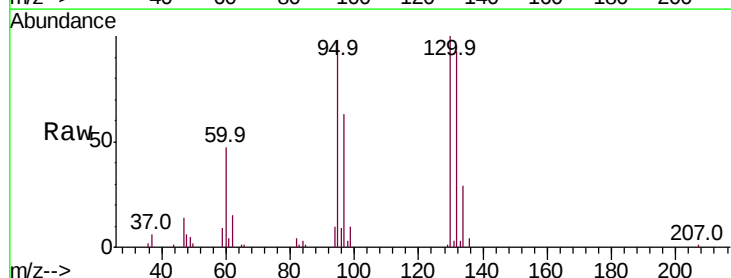
Acq: 10 Feb 2020 11:11

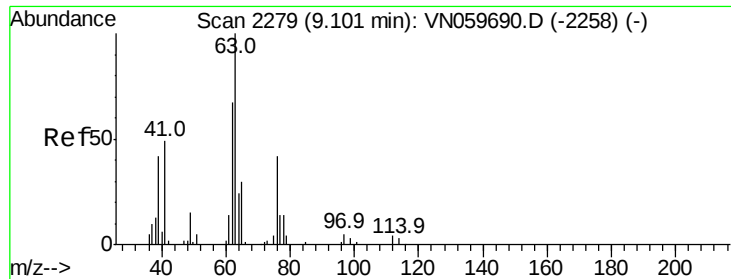
Tgt Ion:130 Resp: 37319

Ion Ratio Lower Upper

130 100

95 97.7 0.0 207.0

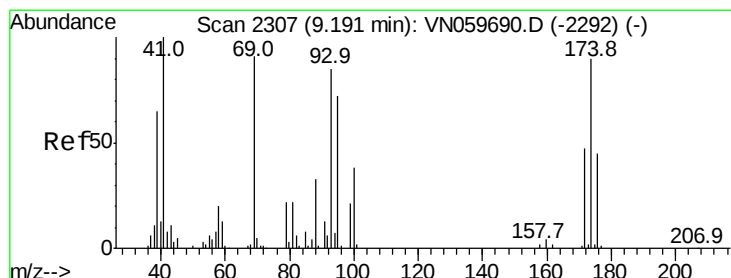
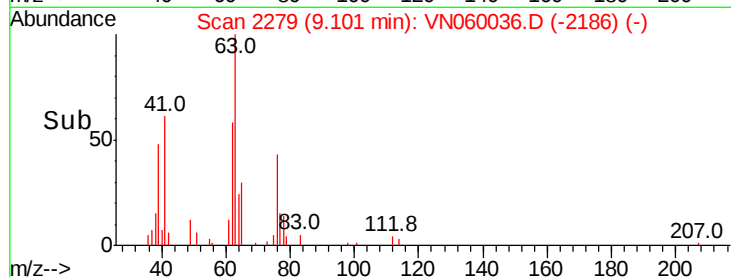
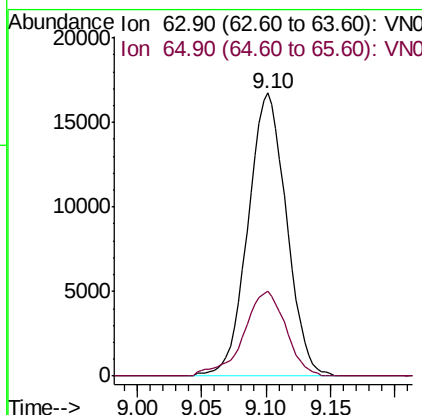
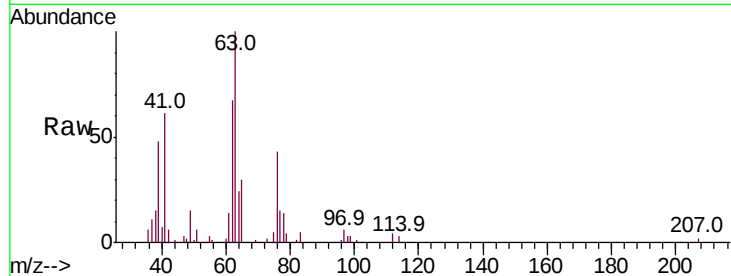




#45
 1,2-Dichloropropane
 Concen: 19.680 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

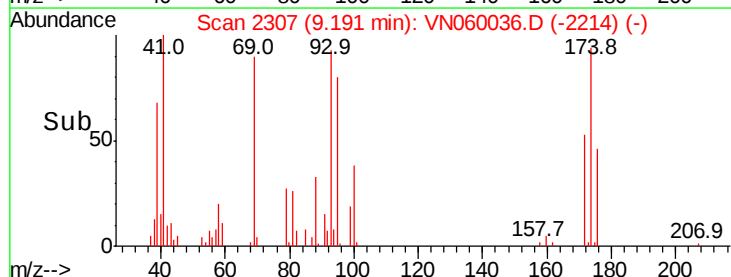
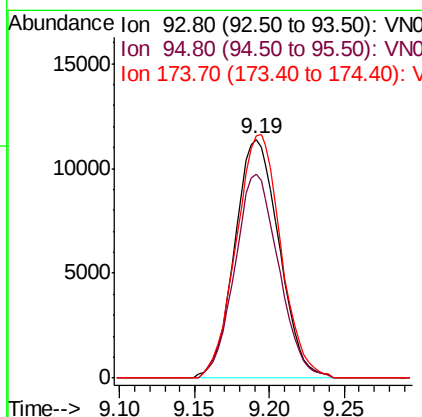
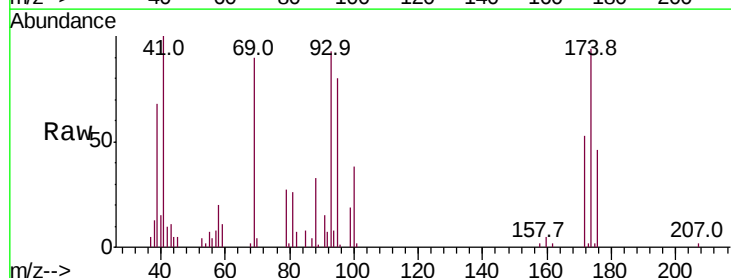
Instrument :
 MSVOA_N
 ClientSampleId :

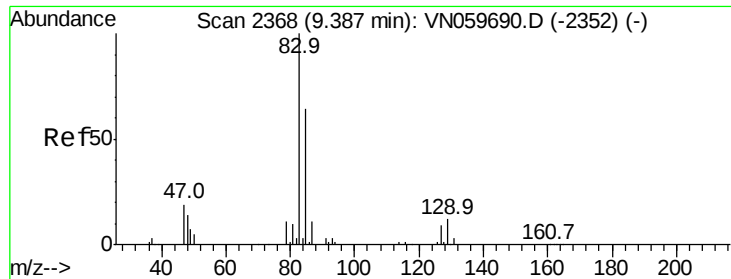
Tot Ion: 63 Resp: 34864
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3



#46
 Dibromomethane
 Concen: 18.824 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion: 93 Resp: 23523
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.0 100.6
 174 102.7 73.4 110.2





#47

Bromodichloromethane

Concen: 20.010 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

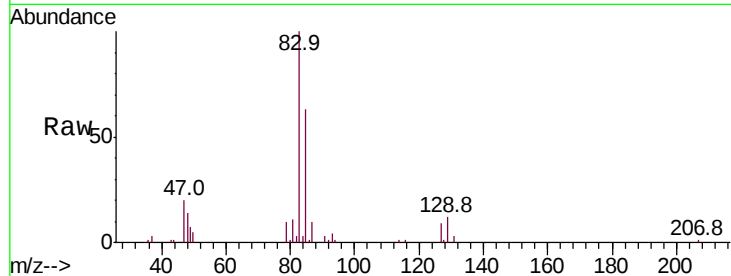
Tot Ion: 83 Resp: 50391

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

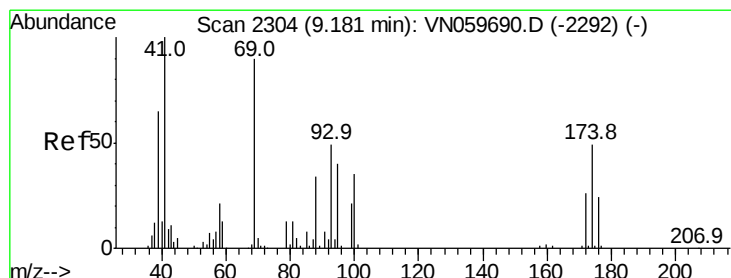
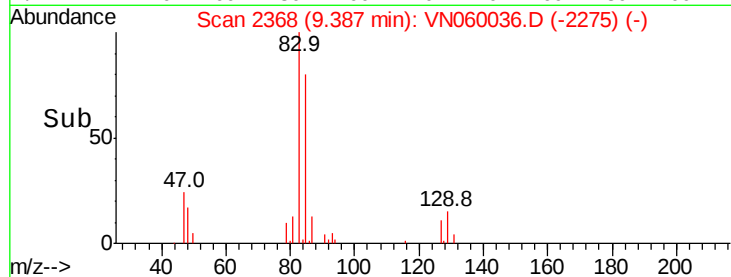
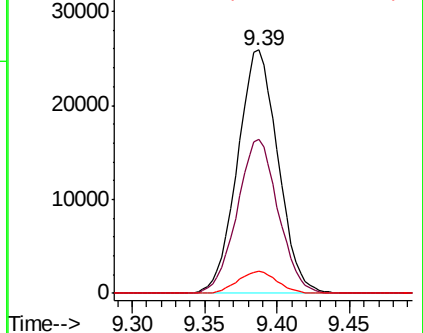
127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.309 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

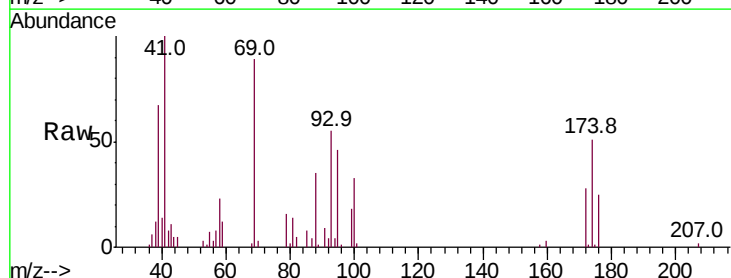
Tgt Ion: 41 Resp: 29983

Ion Ratio Lower Upper

41 100

69 91.2 64.4 96.6

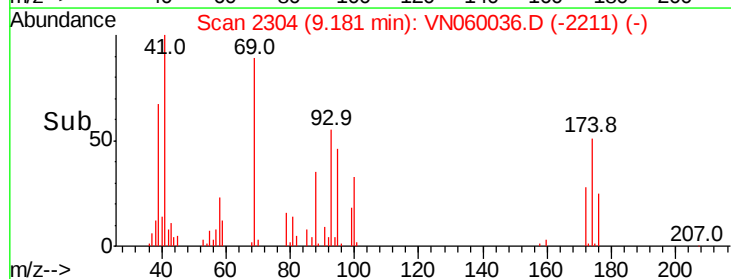
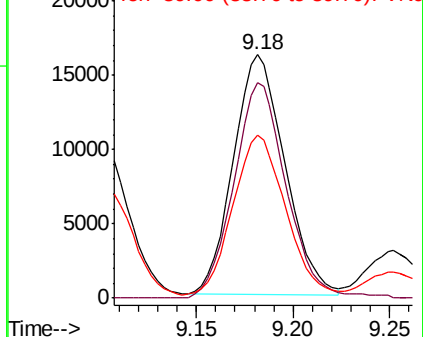
39 70.5 51.3 76.9

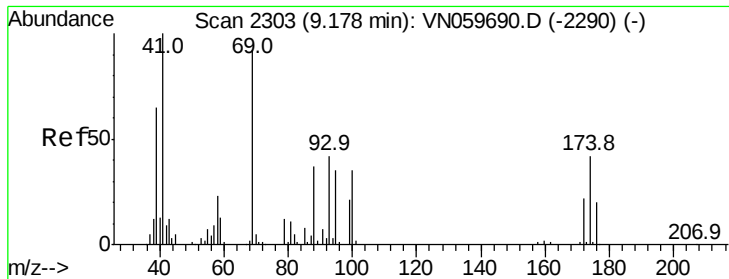


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 376.631 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :
MSVOA_N
ClientSampled :

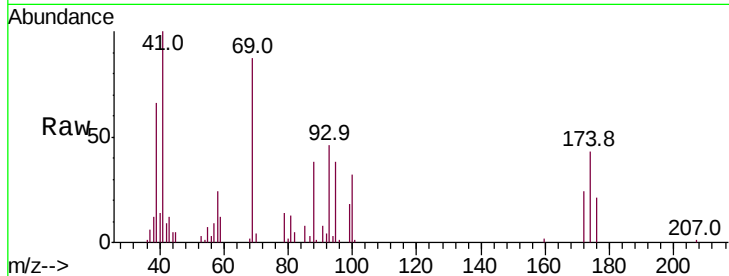
Tot Ion: 88 Resp: 11943

Ion Ratio Lower Upper

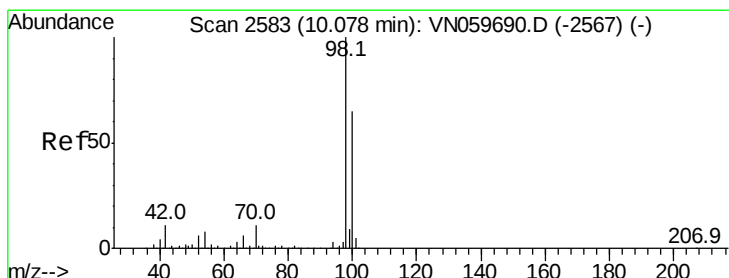
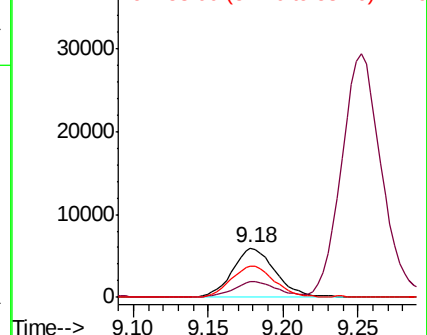
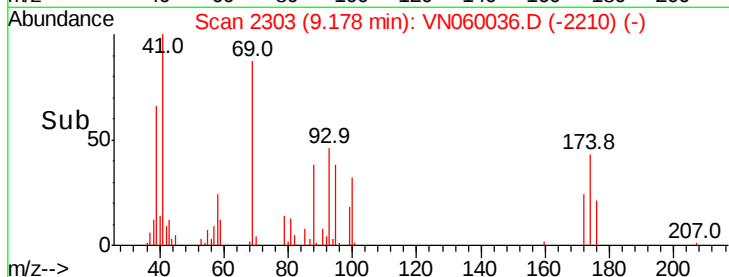
88 100

43 32.8 29.7 44.5

58 63.8 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: 49.636 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060036.D

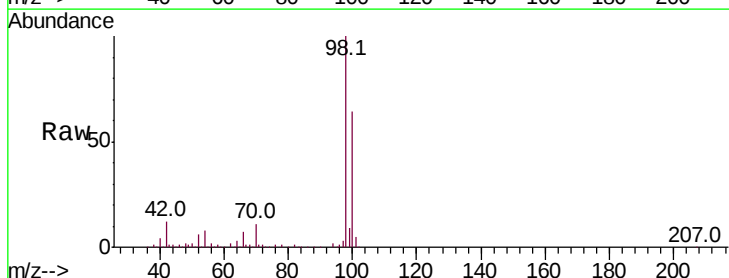
Acq: 10 Feb 2020 11:11

Tgt Ion: 98 Resp: 316130

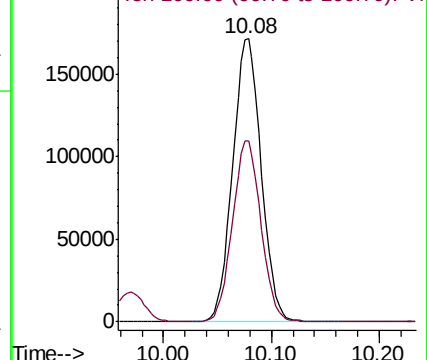
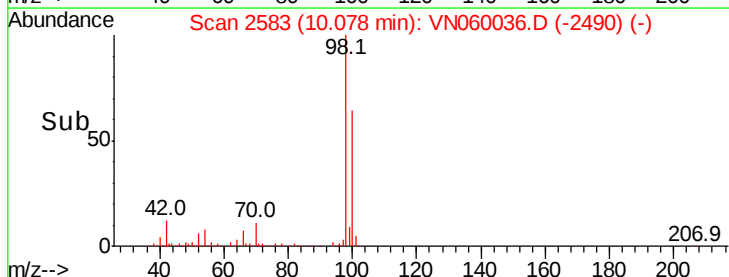
Ion Ratio Lower Upper

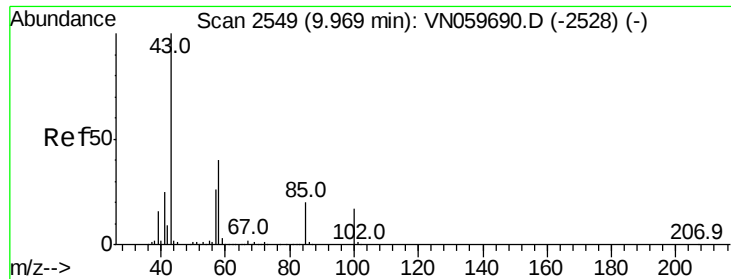
98 100

100 63.9 51.2 76.8



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

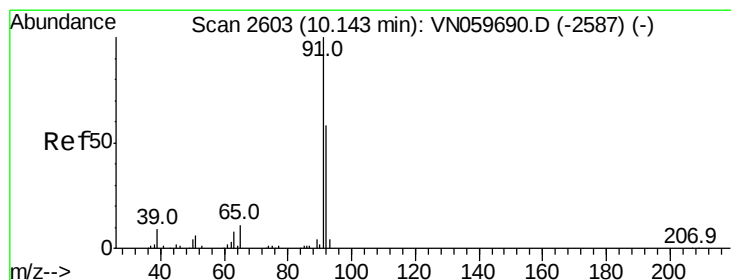
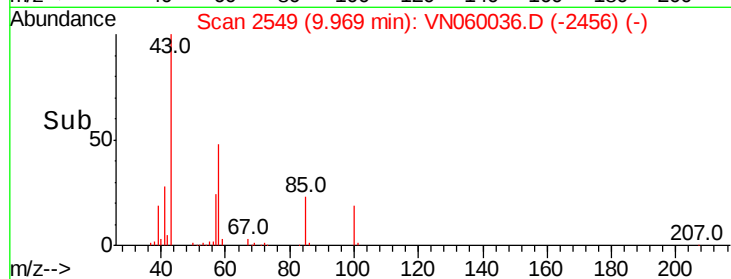
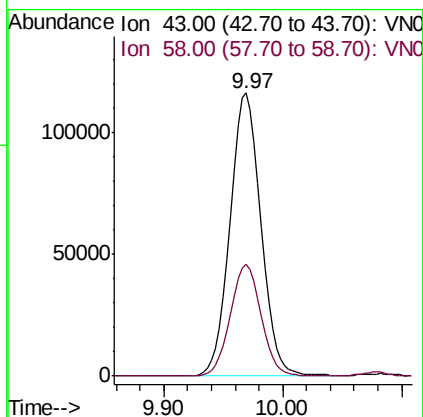
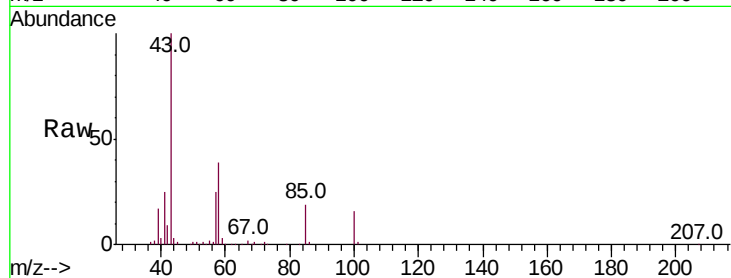




#51
 4-Methyl-2-Pentanone
 Concen: 93.598 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

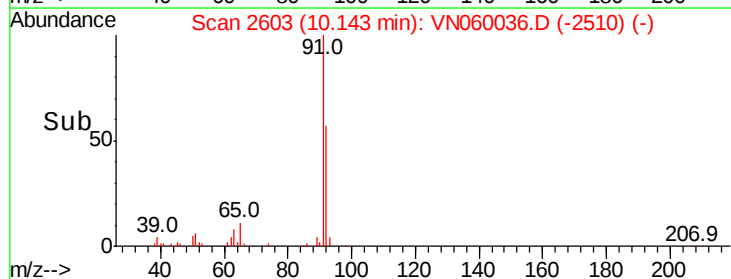
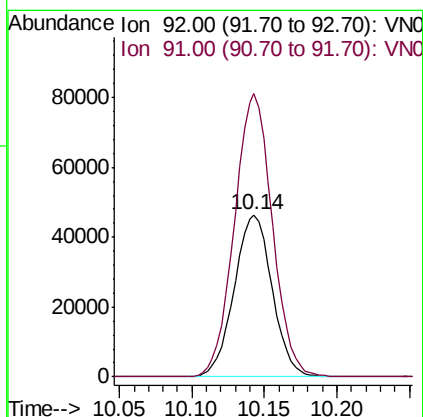
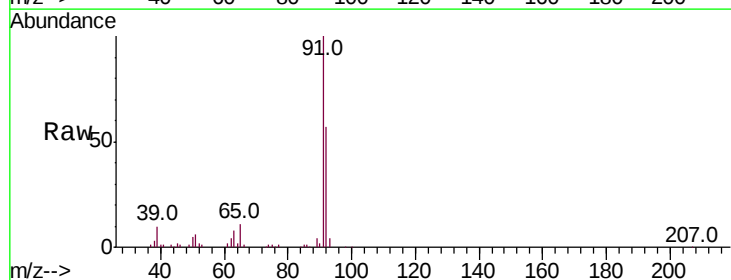
Instrument :
 MSVOA_N
 ClientSampleId :

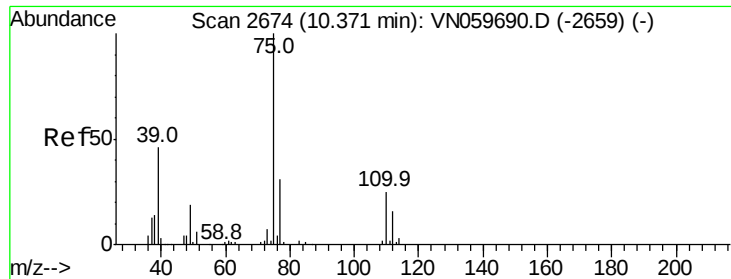
Tot Ion: 43 Resp: 209528
 Ion Ratio Lower Upper
 43 100
 58 39.4 29.8 44.8



#52
 Toluene
 Concen: 18.637 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion: 92 Resp: 84277
 Ion Ratio Lower Upper
 92 100
 91 174.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.463 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

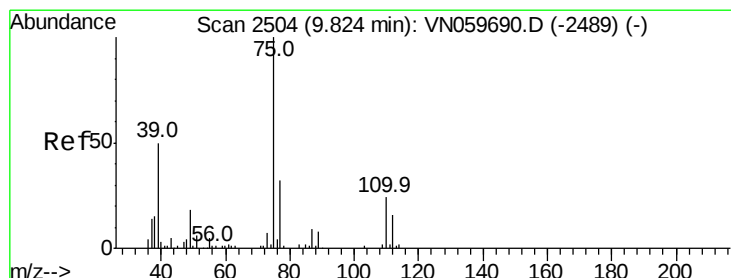
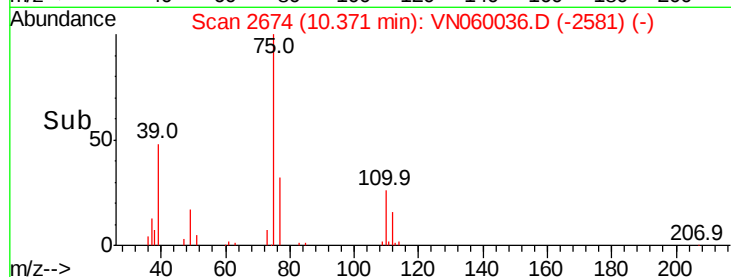
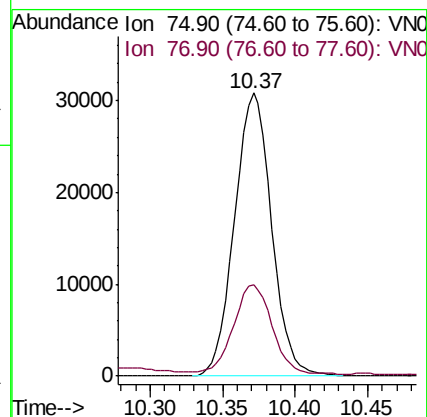
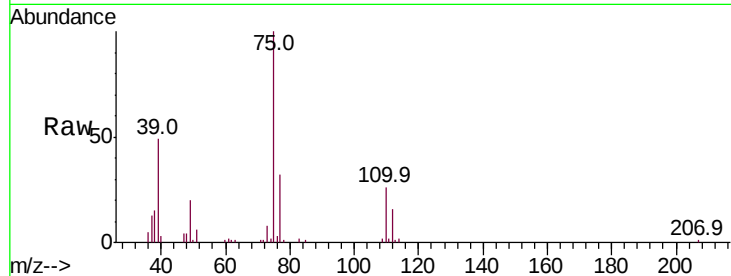
ClientSampled :

Tot Ion: 75 Resp: 54726

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.478 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

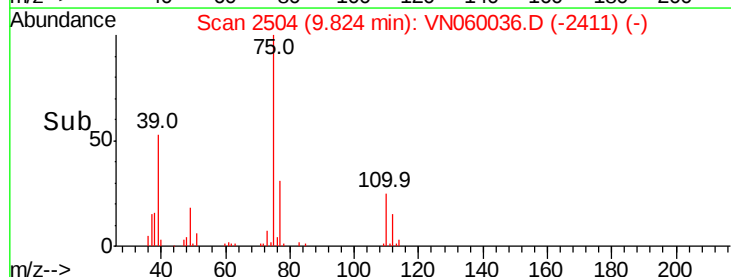
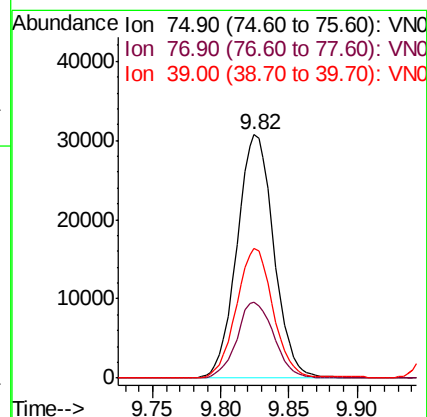
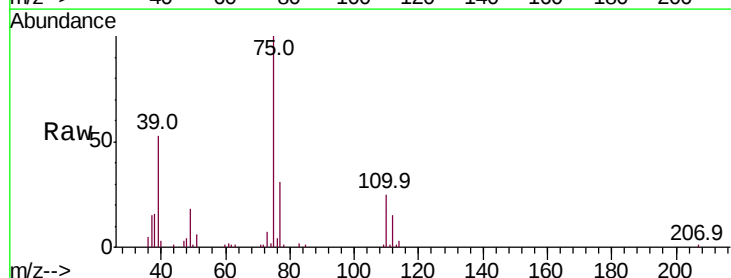
Tgt Ion: 75 Resp: 57626

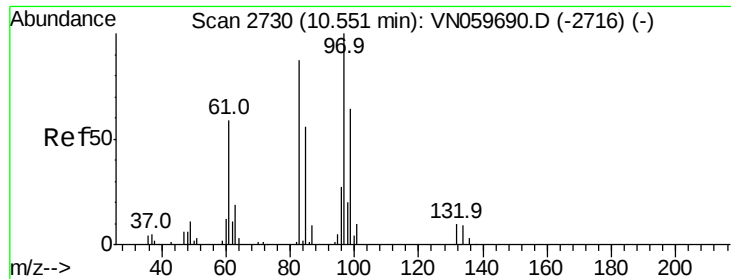
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 53.1 46.1 69.1

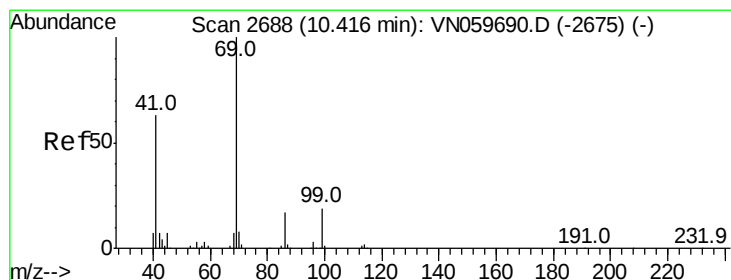
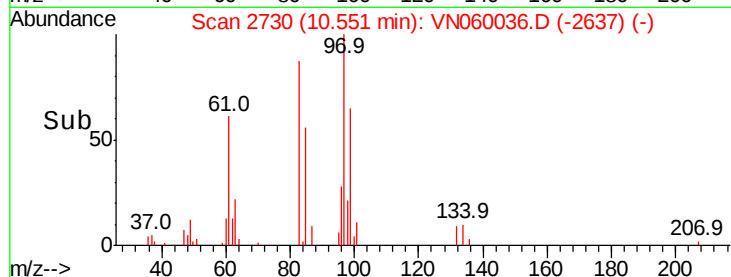
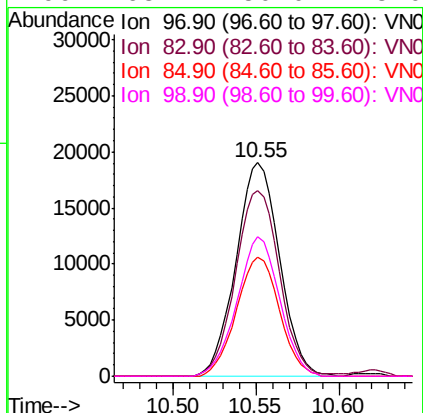
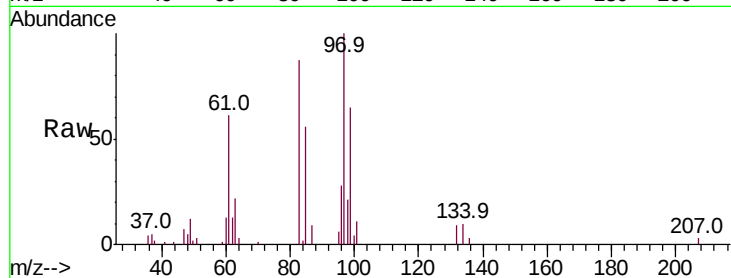




#55
 1,1,2-Trichloroethane
 Concen: 19.444 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

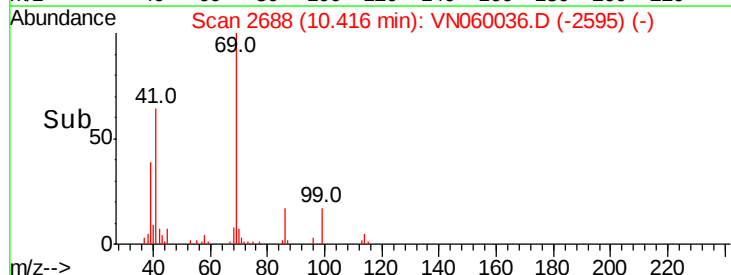
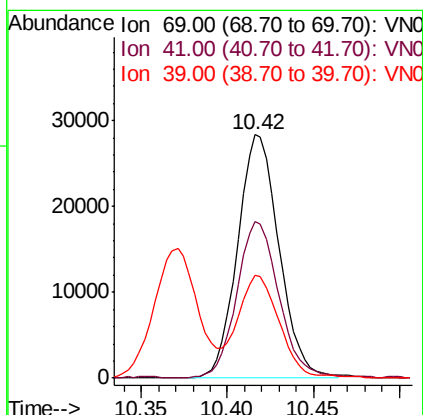
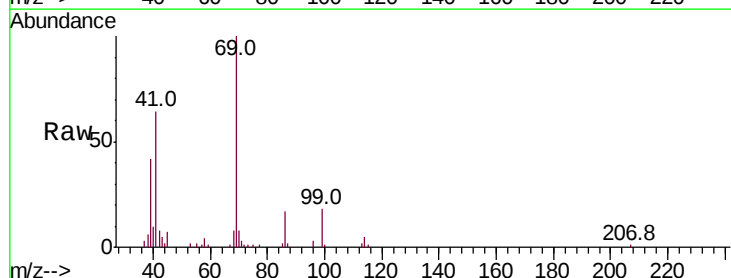
Instrument :
 MSVOA_N
 ClientSampled :

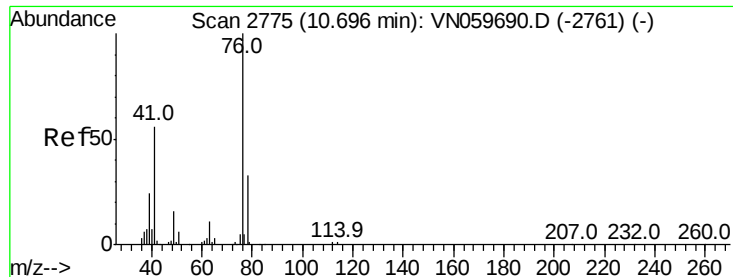
Tot Ion:	97	Resp:	34823
Ion	Ratio	Lower	Upper
97	100		
83	86.9	71.3	106.9
85	55.7	45.8	68.8
99	65.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 17.341 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion:	69	Resp:	47455
Ion	Ratio	Lower	Upper
69	100		
41	65.8	57.1	85.7
39	42.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 19.792 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

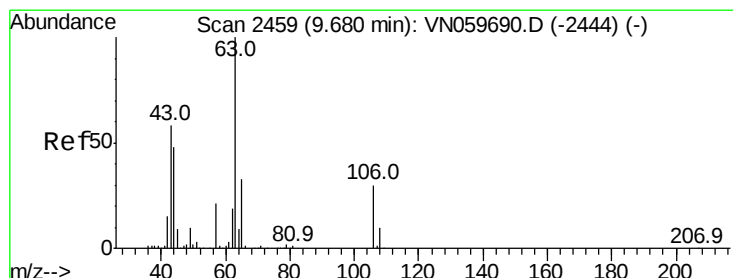
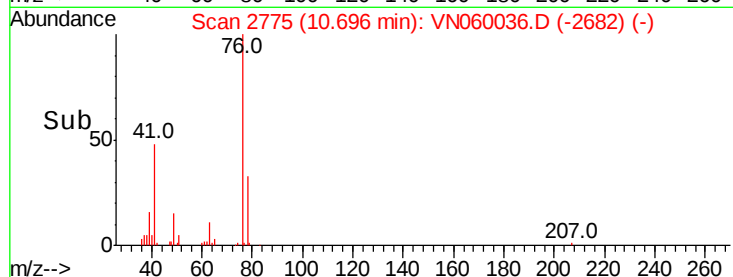
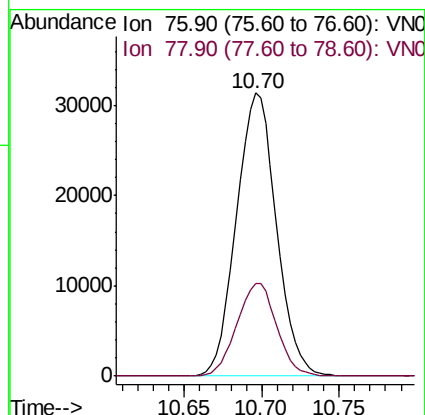
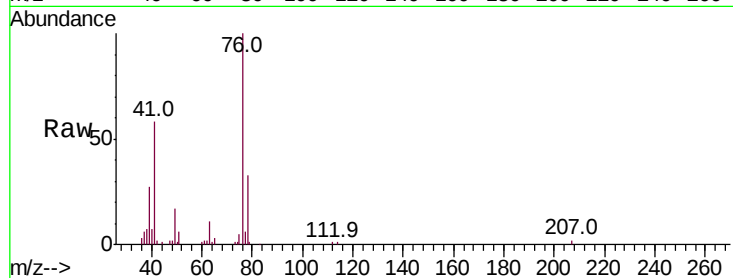
ClientSampleId :

Tot Ion: 76 Resp: 56275

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.483 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060036.D

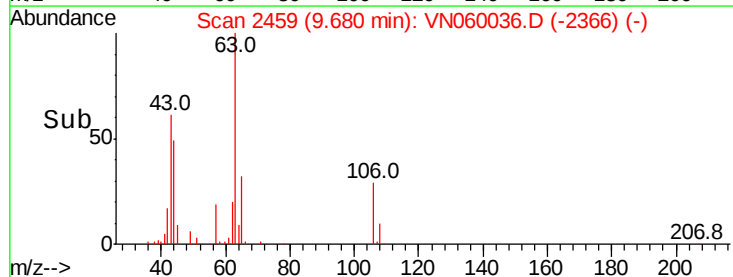
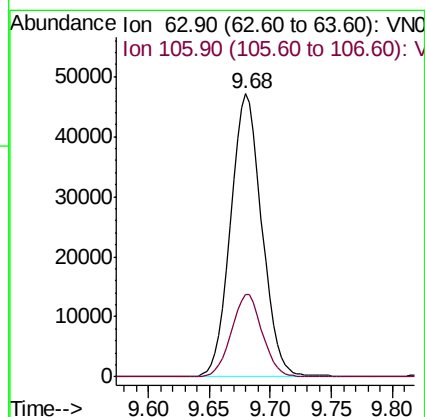
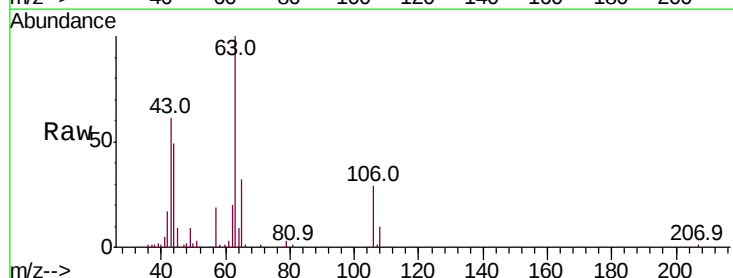
Acq: 10 Feb 2020 11:11

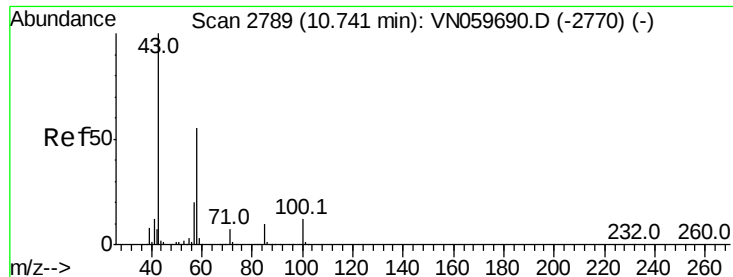
Tgt Ion: 63 Resp: 84474

Ion Ratio Lower Upper

63 100

106 28.6 20.2 30.2

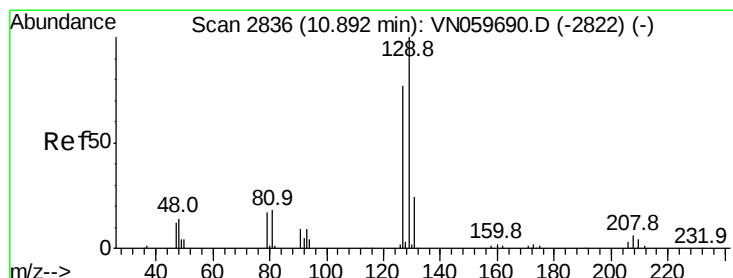
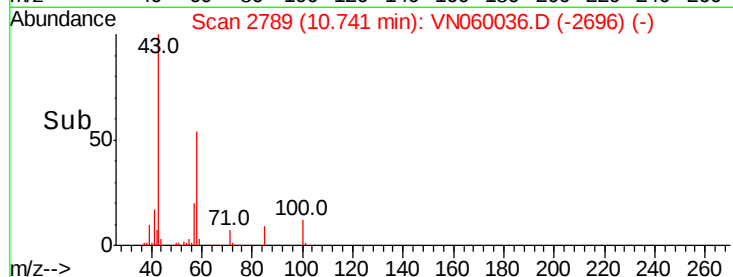
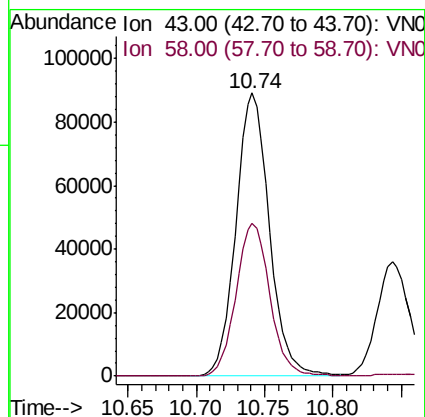
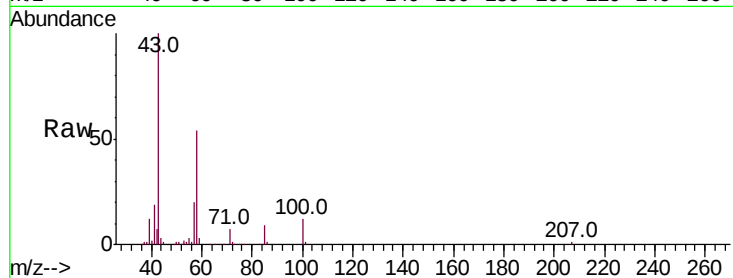




#59
2-Hexanone
Concen: 91.988 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

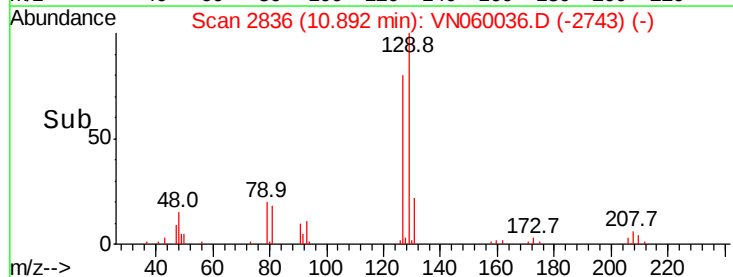
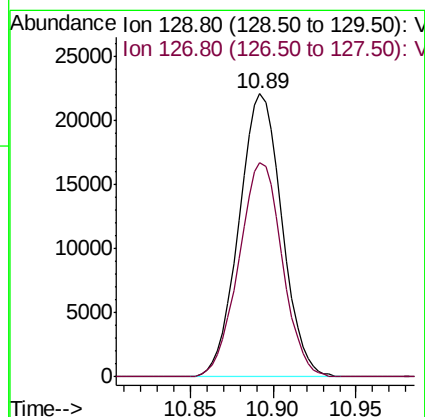
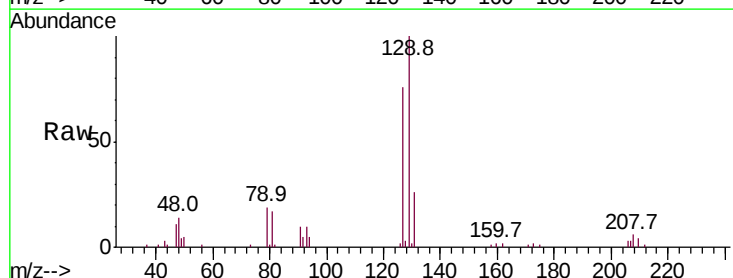
Instrument :
MSVOA_N
ClientSampled :

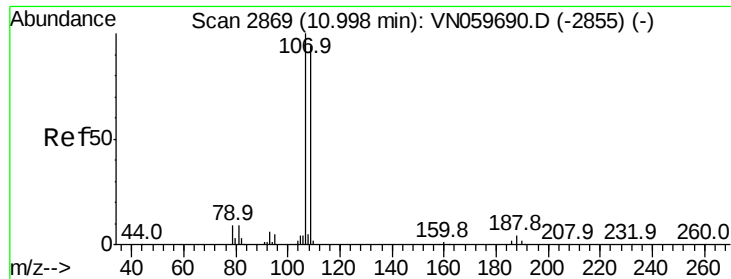
Tot Ion: 43 Resp: 151706
Ion Ratio Lower Upper
43 100
58 54.6 25.8 77.3



#60
Dibromochloromethane
Concen: 19.518 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion: 129 Resp: 39807
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.846 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

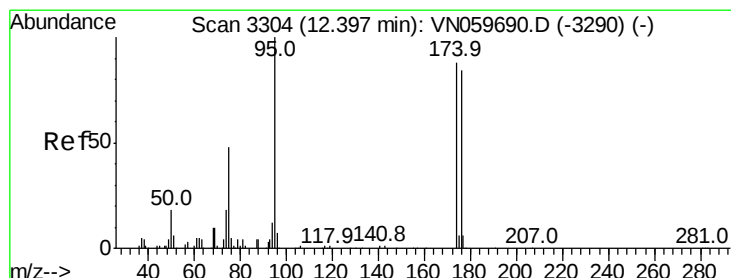
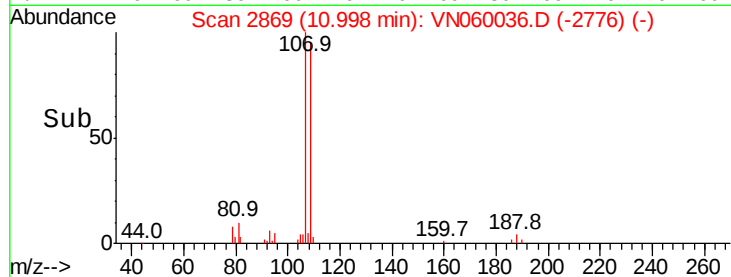
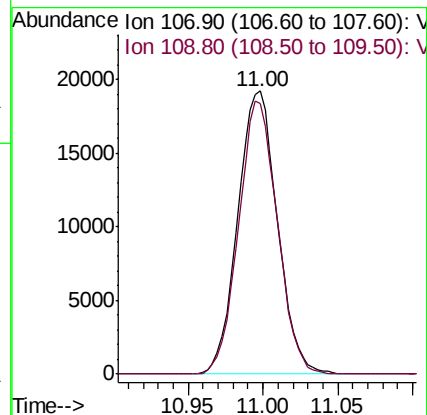
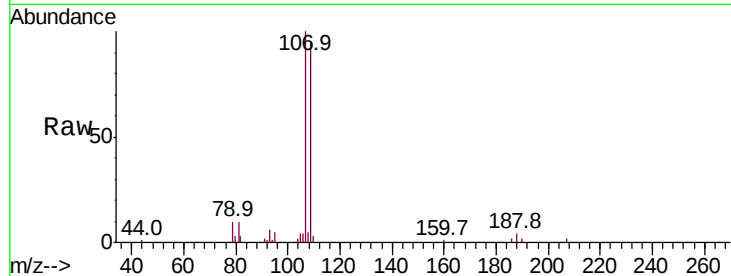
ClientSampled :

Tot Ion:107 Resp: 35377

Ion Ratio Lower Upper

107 100

109 94.2 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 49.314 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

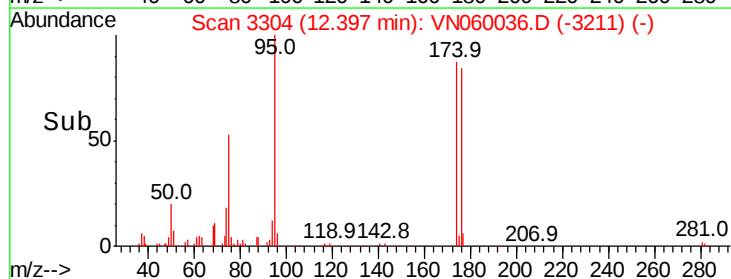
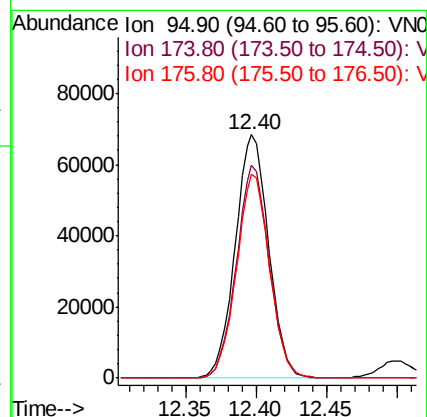
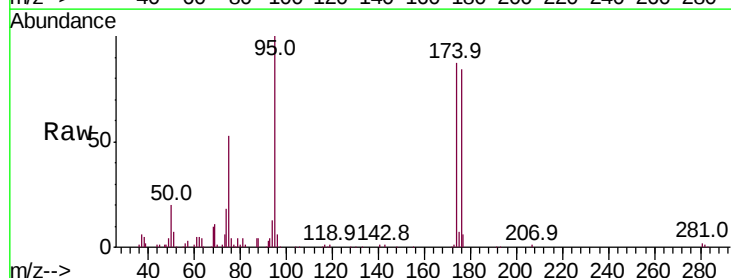
Tgt Ion: 95 Resp: 113226

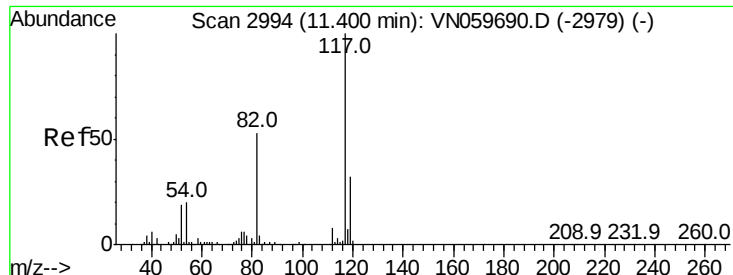
Ion Ratio Lower Upper

95 100

174 86.1 0.0 151.4

176 82.8 0.0 146.0

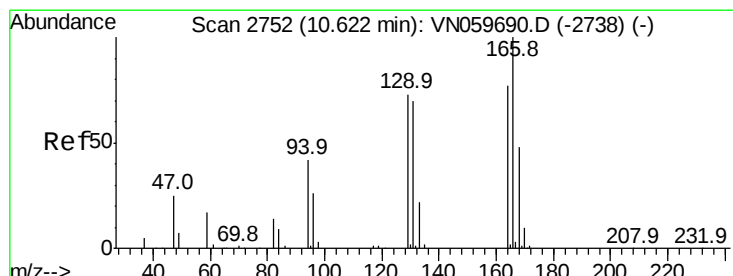
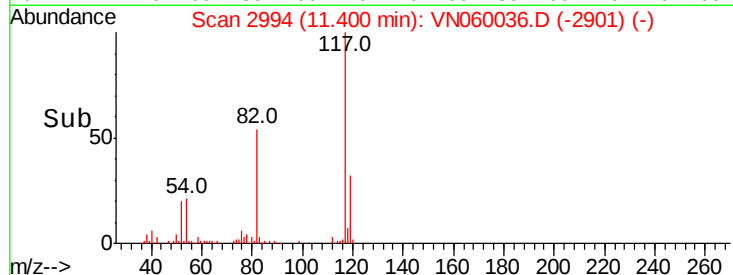
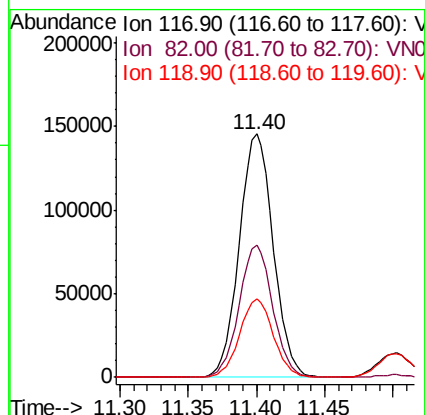
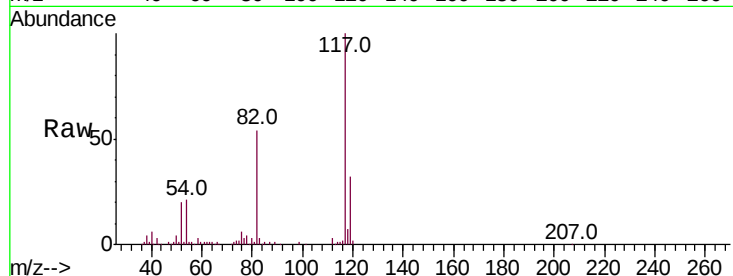




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

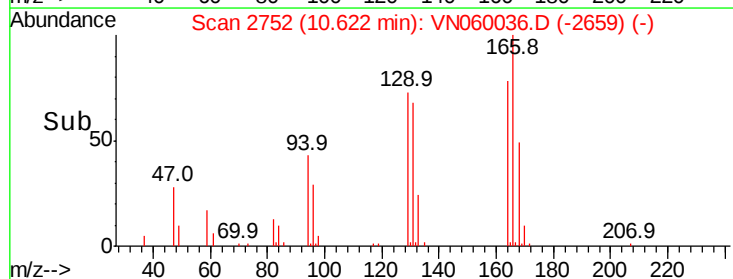
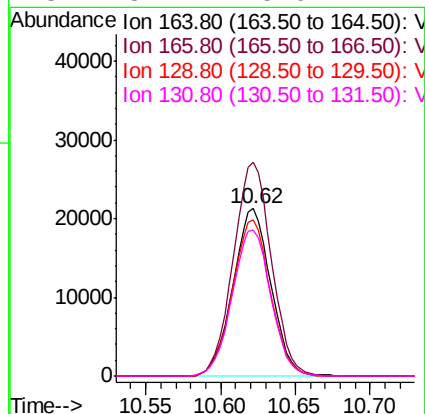
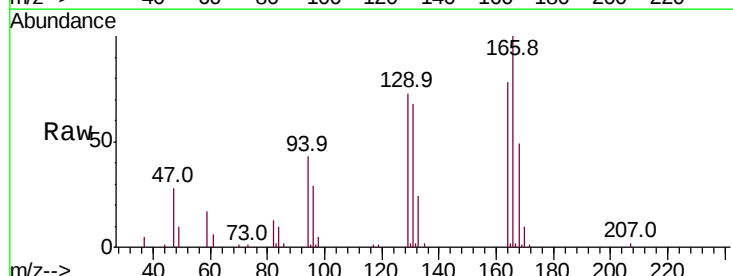
Instrument :
MSVOA_N
ClientSampled :

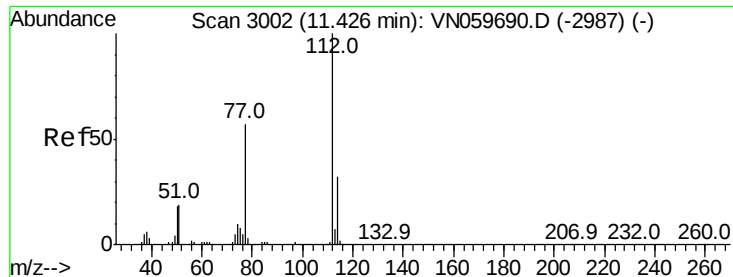
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.9	68.9
119	32.2	25.5	38.3



#64
Tetrachloroethene
Concen: 18.260 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.4	152.0
129	93.2	80.2	120.4
131	87.4	75.0	112.4

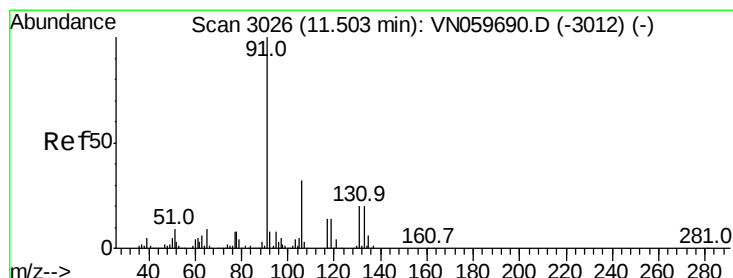
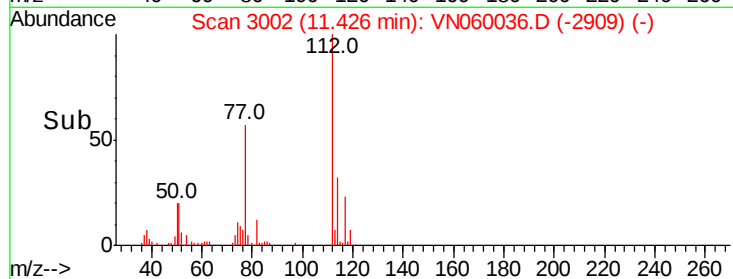
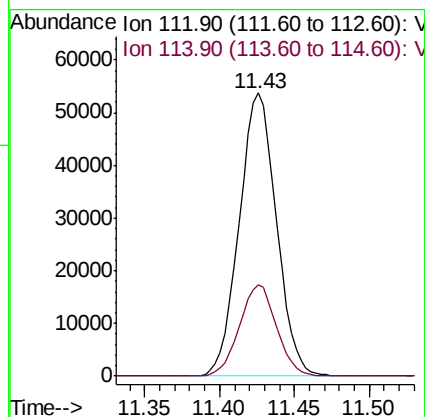
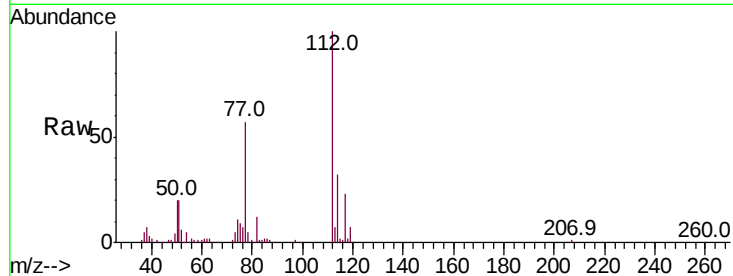




#65
Chlorobenzene
Concen: 18.864 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

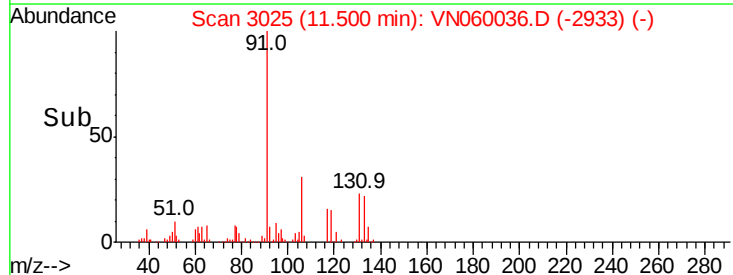
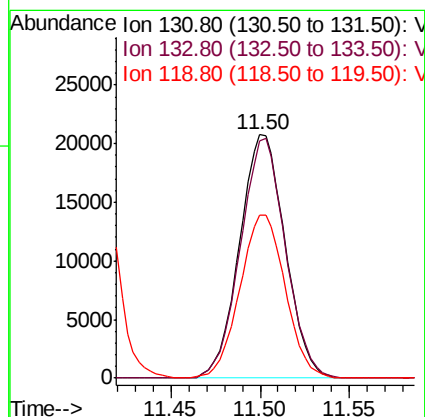
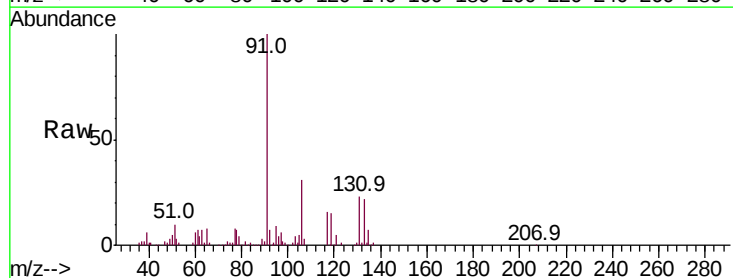
Instrument :
MSVOA_N
ClientSampled :

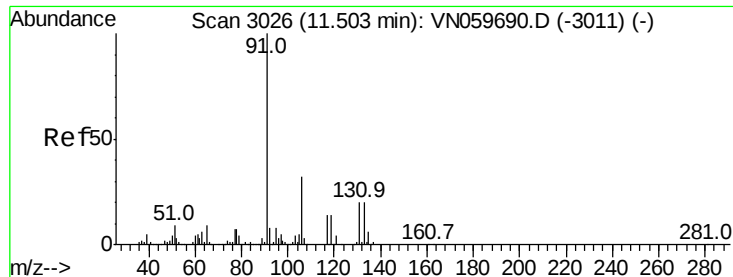
Tot Ion:112 Resp: 93222
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.355 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion:131 Resp: 36958
Ion Ratio Lower Upper
131 100
133 97.5 47.4 142.2
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 18.473 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

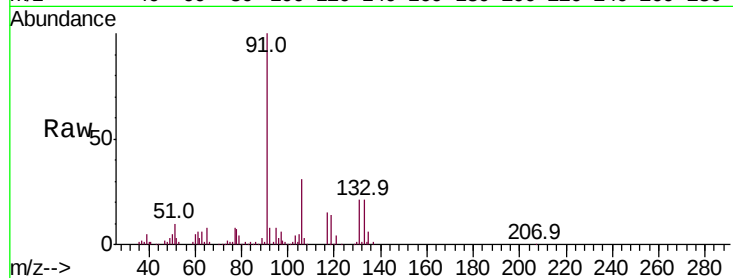
ClientSampled :

Tot Ion: 91 Resp: 165720

Ion Ratio Lower Upper

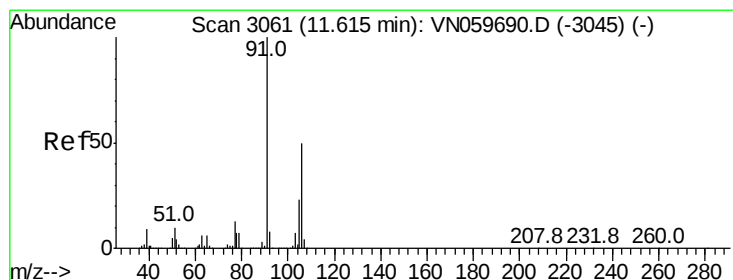
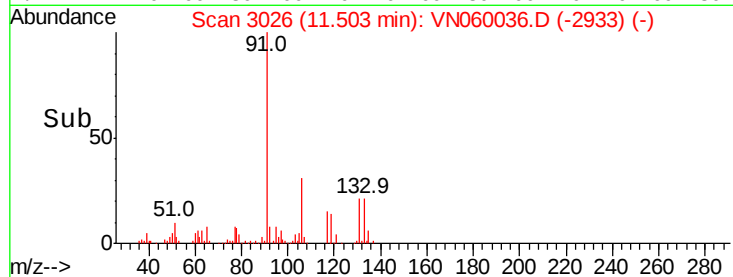
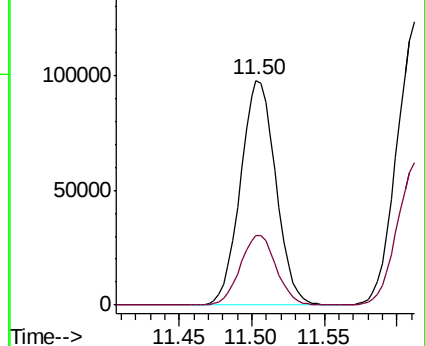
91 100

106 30.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.420 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060036.D

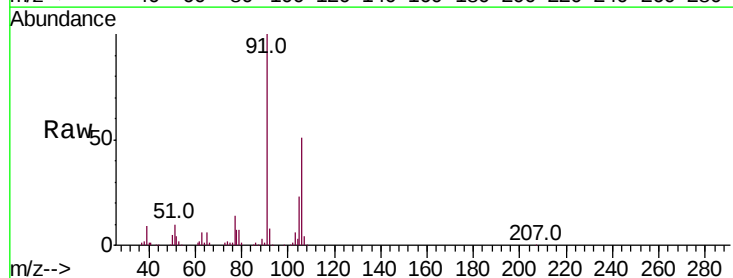
Acq: 10 Feb 2020 11:11

Tgt Ion: 106 Resp: 123415

Ion Ratio Lower Upper

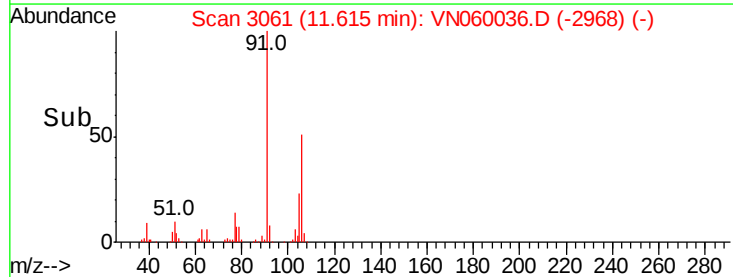
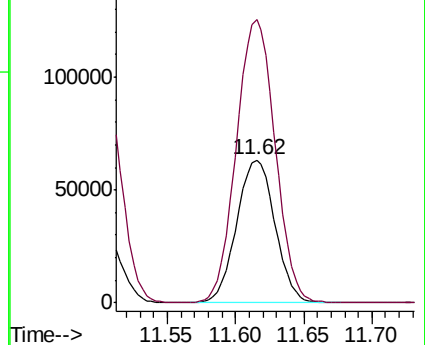
106 100

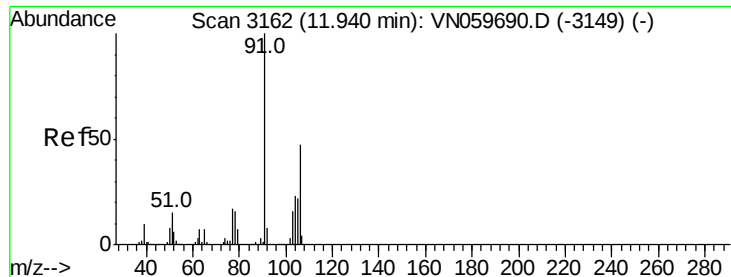
91 200.1 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

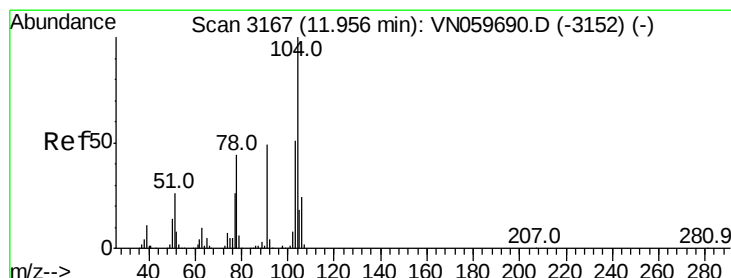
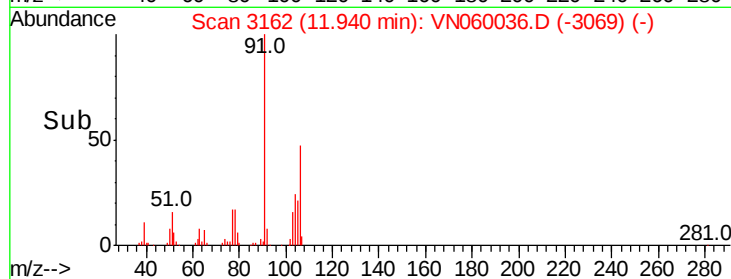
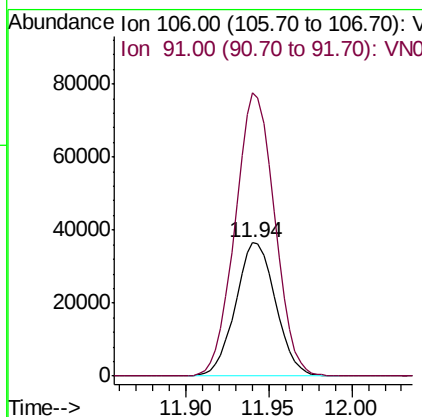
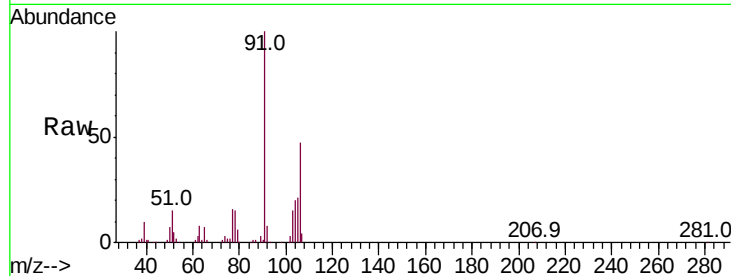




#69
o-Xylene
Concen: 18.508 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

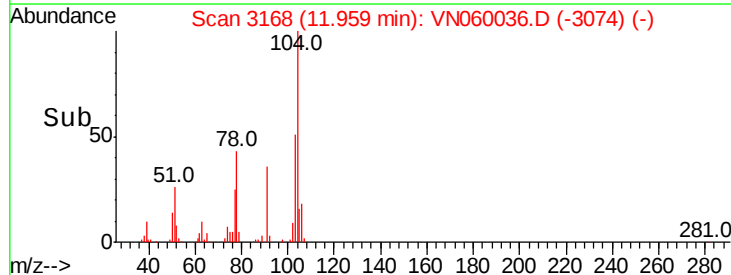
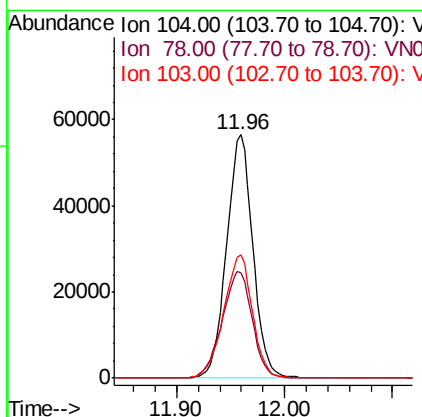
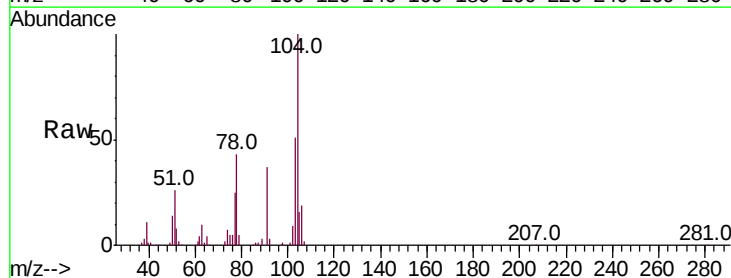
Instrument :
MSVOA_N
ClientSampled :

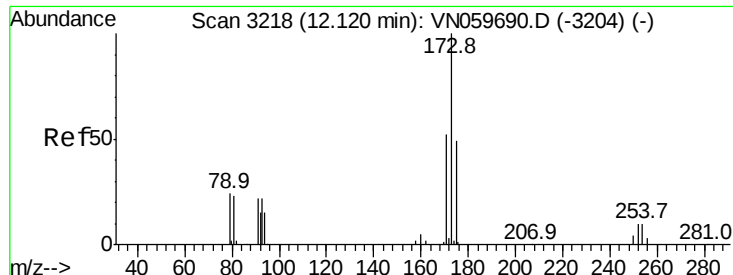
Tot Ion:106 Resp: 61402
Ion Ratio Lower Upper
106 100
91 210.0 110.3 330.9



#70
Styrene
Concen: 17.345 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060036.D
Acq: 10 Feb 2020 11:11

Tgt Ion:104 Resp: 96289
Ion Ratio Lower Upper
104 100
78 50.0 42.4 63.6
103 54.7 43.9 65.9





#71

Bromoform

Concen: 18.591 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

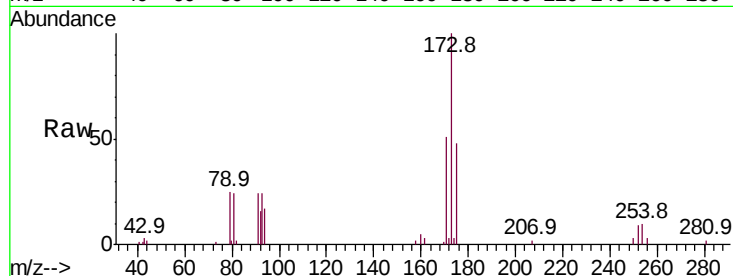
Tot Ion:173 Resp: 28436

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.4

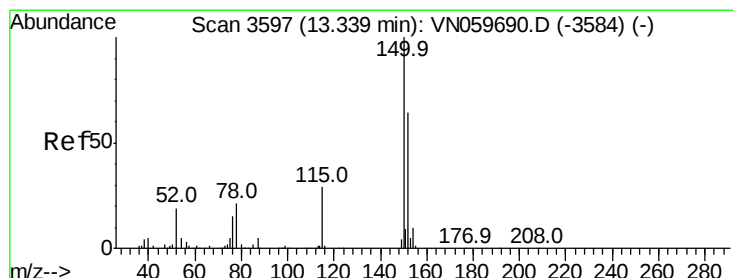
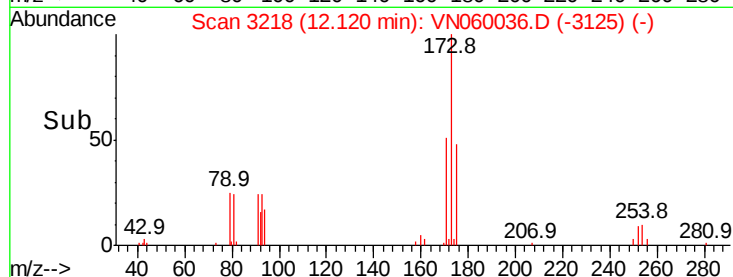
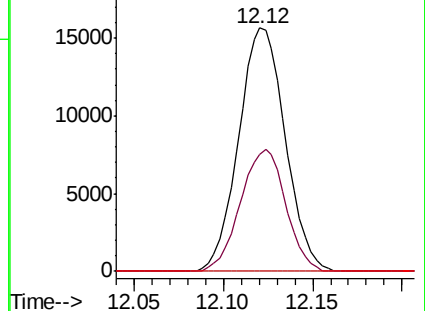
254 0.0 0.0 0.0



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: VN060036.D

Acq: 10 Feb 2020 11:11

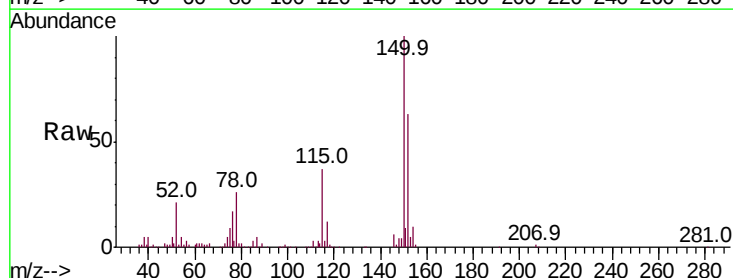
Tgt Ion:152 Resp: 118975

Ion Ratio Lower Upper

152 100

115 58.5 30.3 90.9

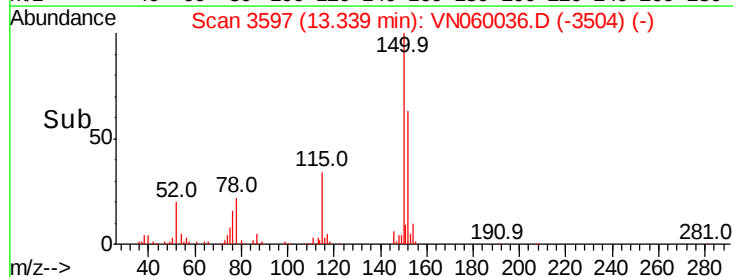
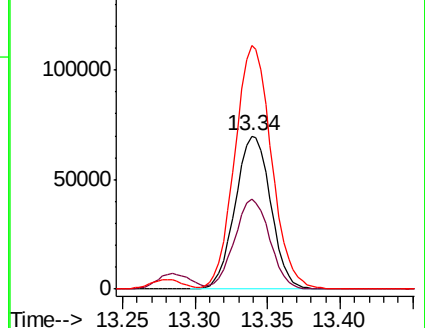
150 164.5 0.0 345.2

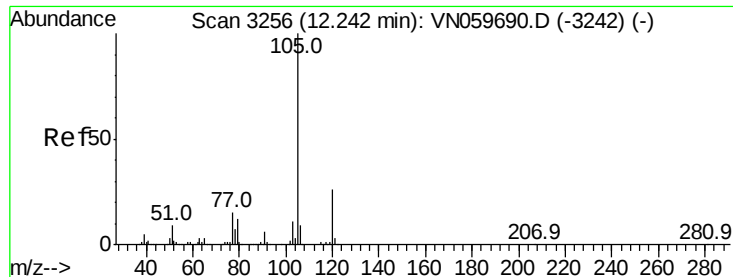


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.760 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

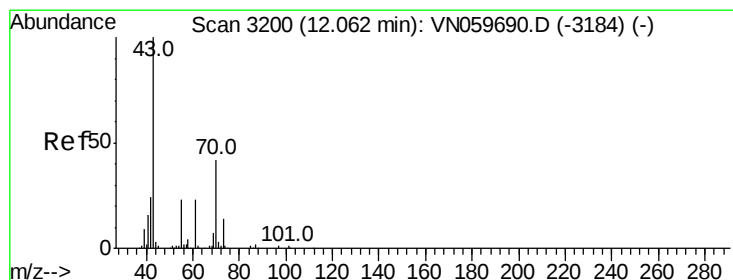
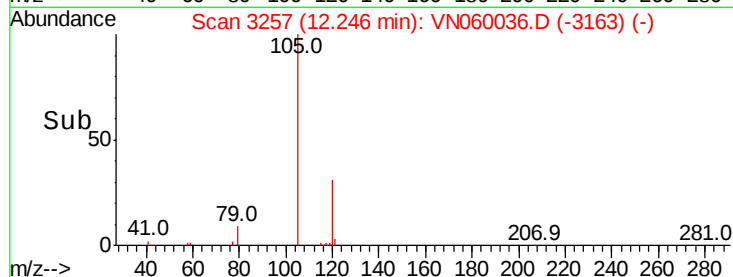
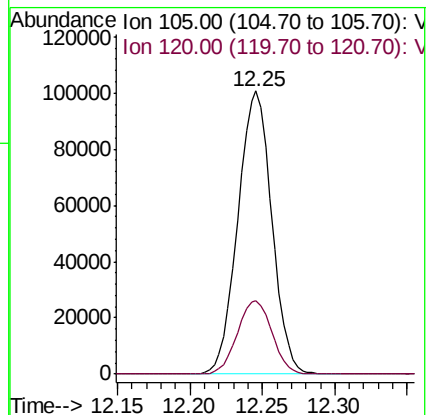
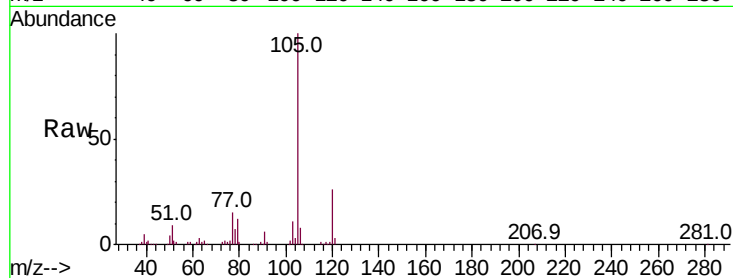
ClientSampleId :

Tot Ion:105 Resp: 163695

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 17.376 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Tgt Ion: 43 Resp: 58831

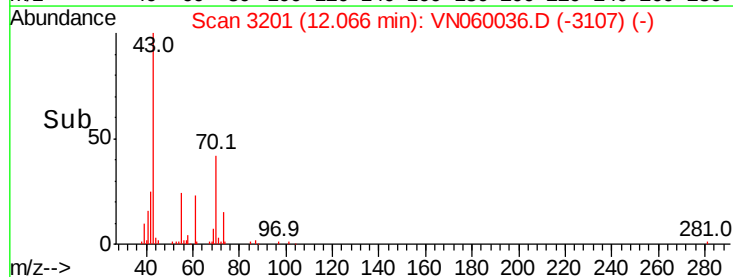
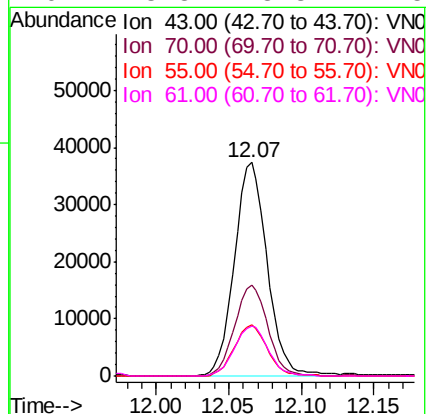
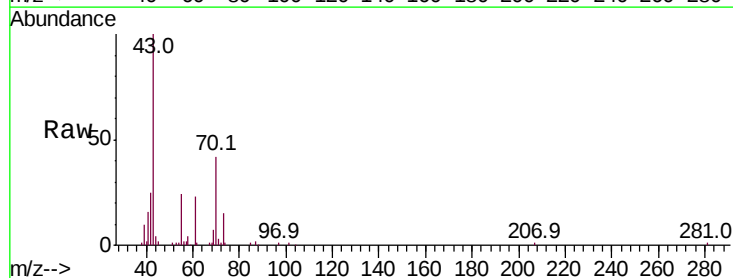
Ion Ratio Lower Upper

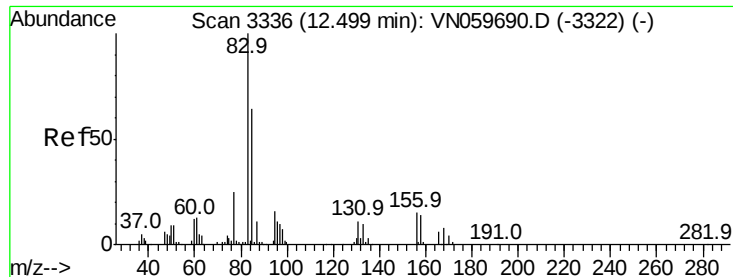
43 100

70 42.5 31.3 46.9

55 24.0 19.8 29.6

61 23.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.935 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

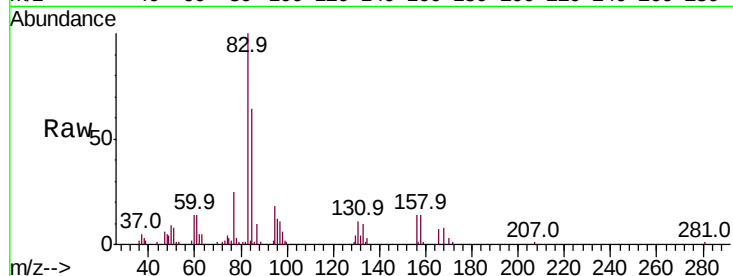
Tot Ion: 83 Resp: 47897

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.0	14.9
85	62.8	31.9	95.5

83 100

131 10.6 5.0 14.9

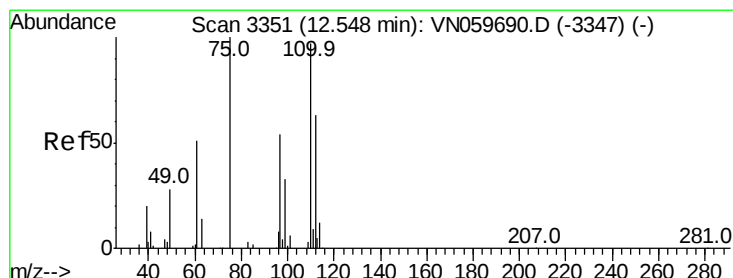
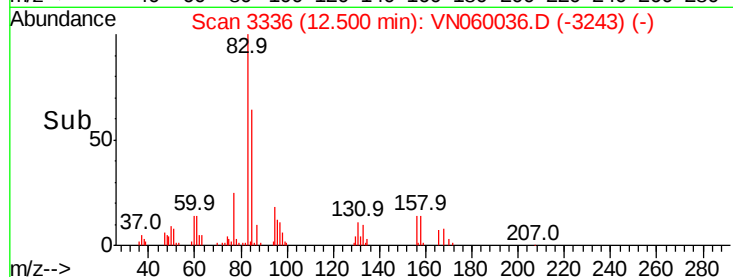
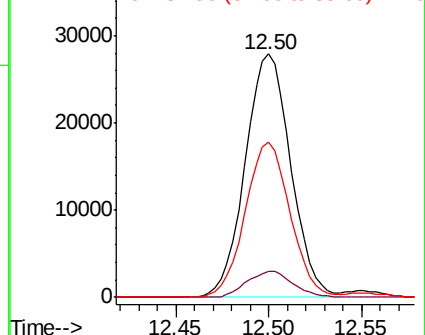
85 62.8 31.9 95.5



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: 32.170 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060036.D

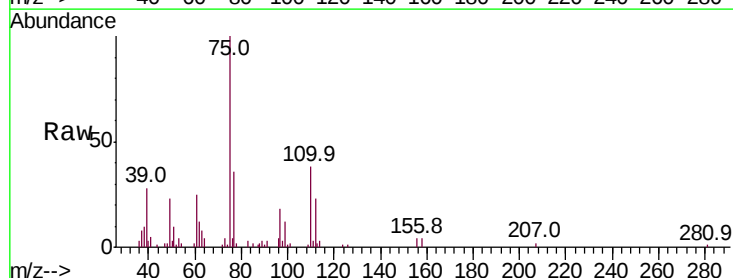
Acq: 10 Feb 2020 11:11

Tgt Ion: 75 Resp: 64412

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

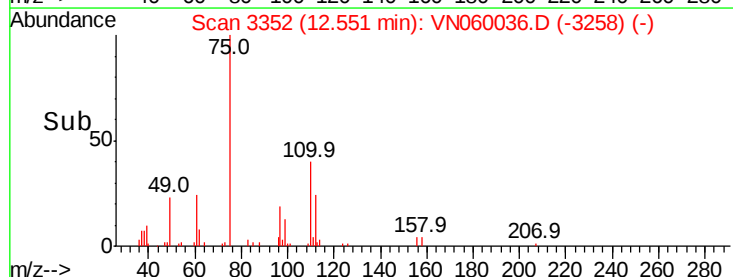
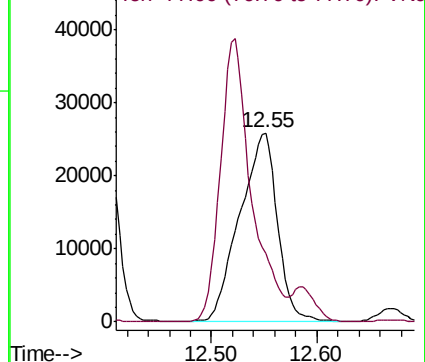
75 100

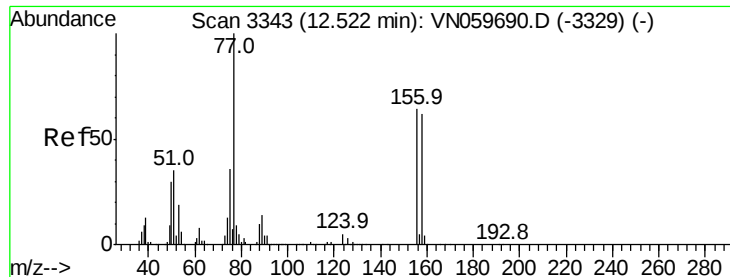
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.511 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

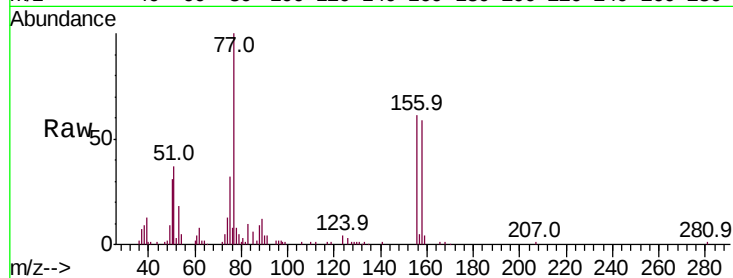
Tot Ion:156 Resp: 40902

Ion Ratio Lower Upper

156 100

77 195.5 115.8 347.4

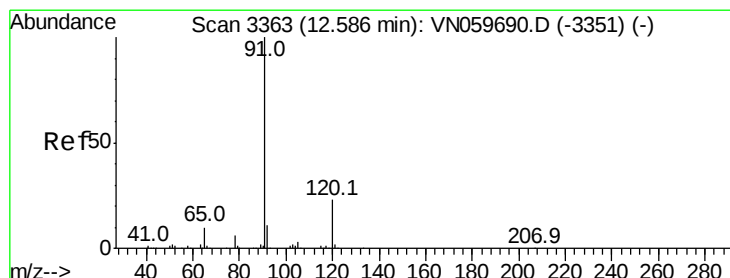
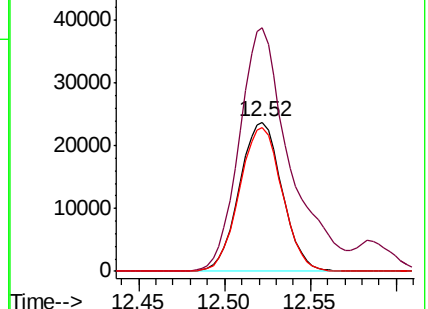
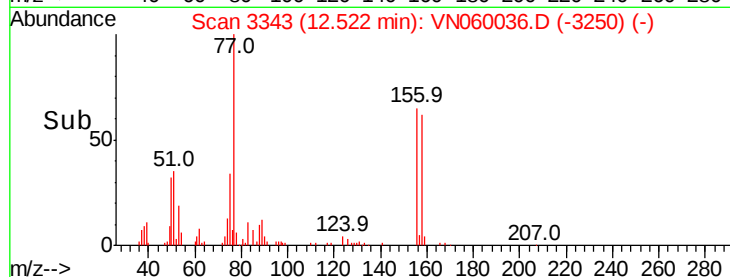
158 96.5 49.2 147.6



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: 18.881 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060036.D

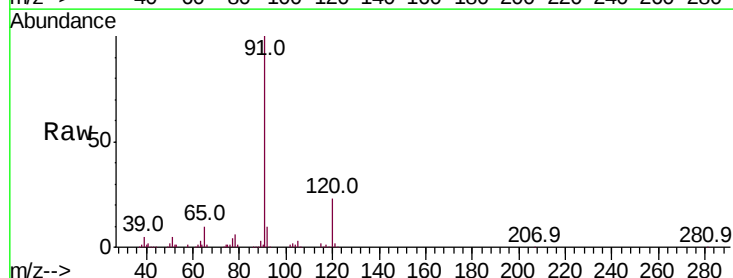
Acq: 10 Feb 2020 11:11

Tgt Ion: 91 Resp: 184914

Ion Ratio Lower Upper

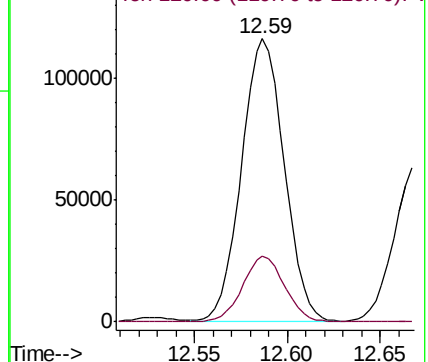
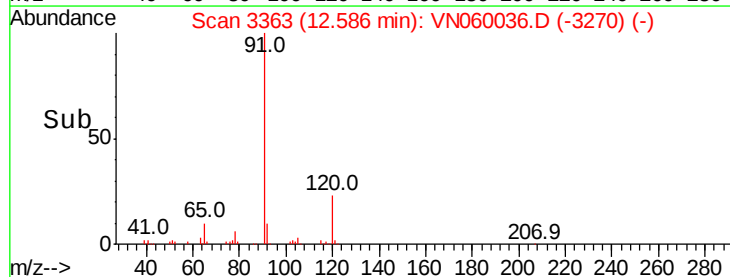
91 100

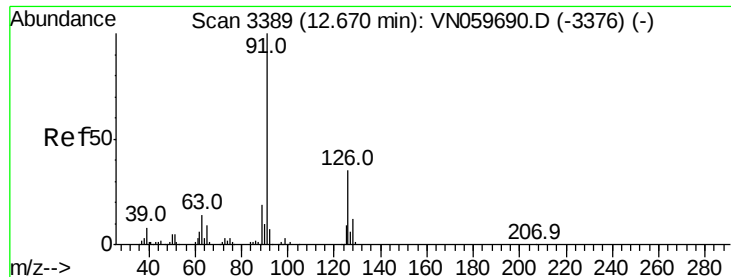
120 22.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.889 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

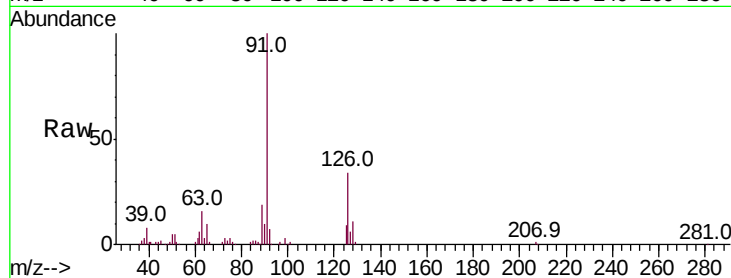
ClientSampled :

Tot Ion: 91 Resp: 110049

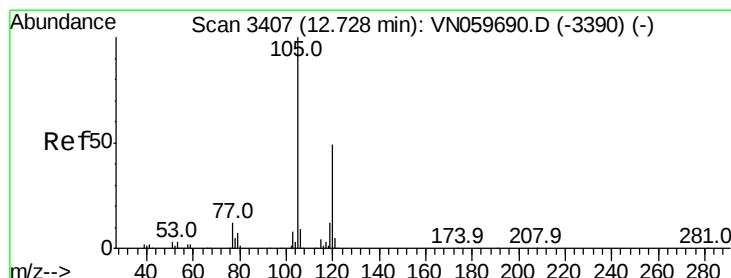
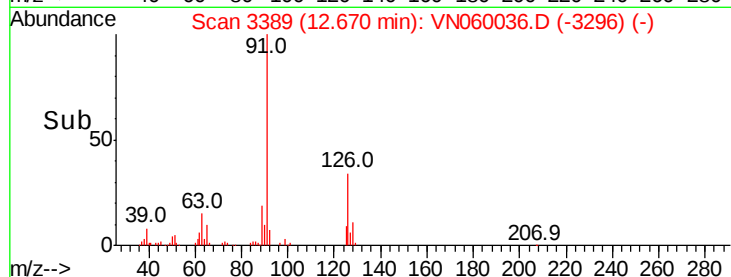
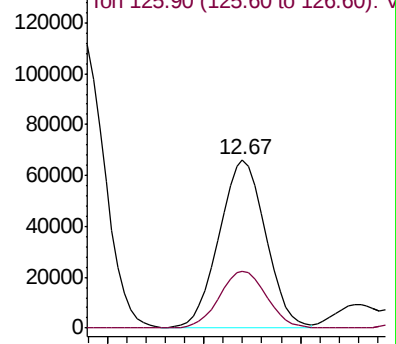
Ion Ratio Lower Upper

91 100

126 34.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN060036.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.736 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060036.D

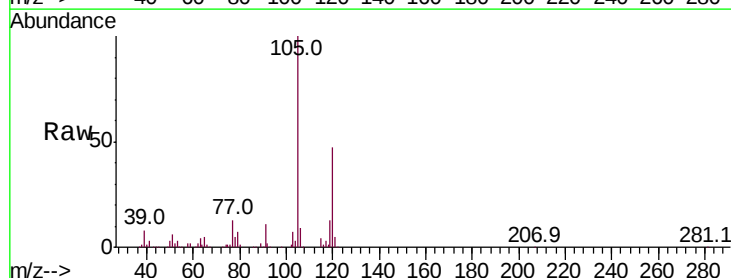
Acq: 10 Feb 2020 11:11

Tgt Ion: 105 Resp: 137486

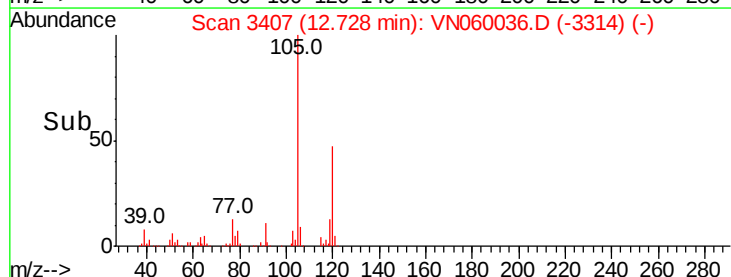
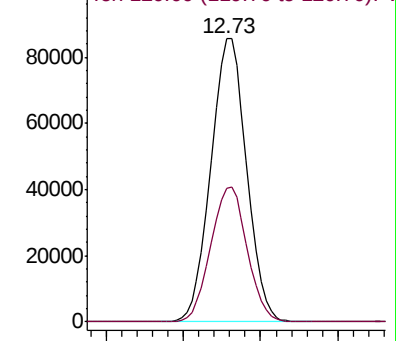
Ion Ratio Lower Upper

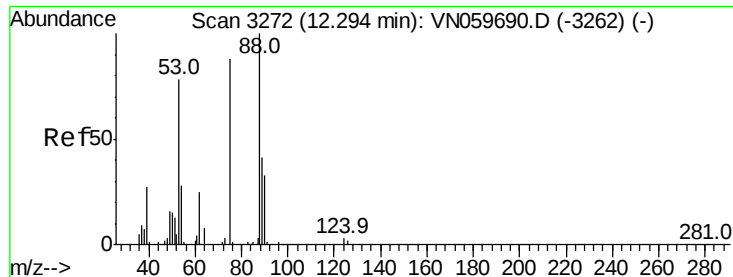
105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060036.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.819 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

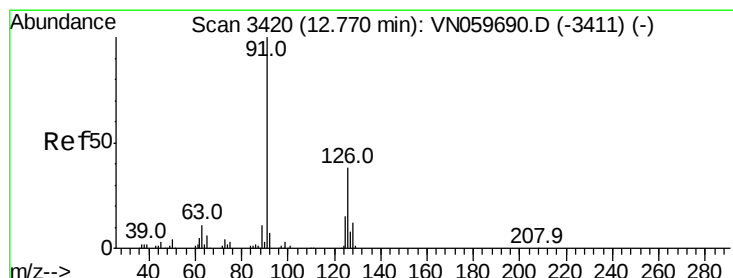
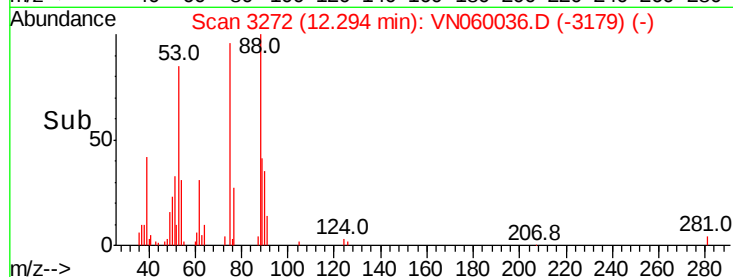
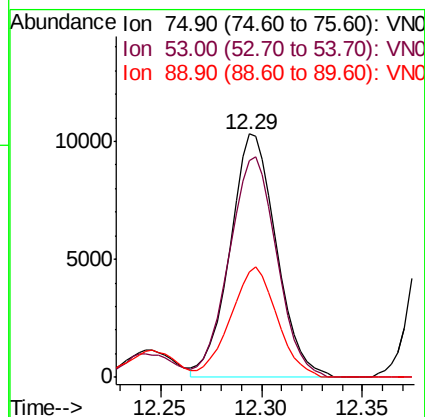
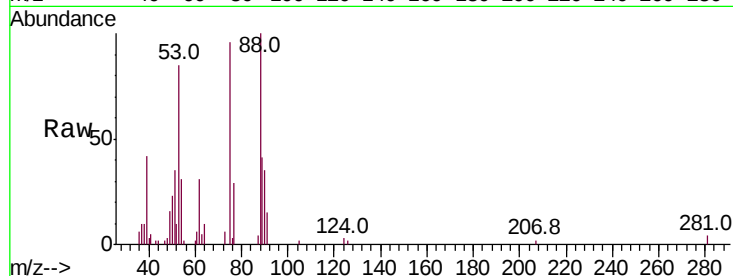
Tot Ion: 75 Resp: 16614

Ion Ratio Lower Upper

75 100

53 93.1 78.1 117.1

89 45.6 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.223 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060036.D

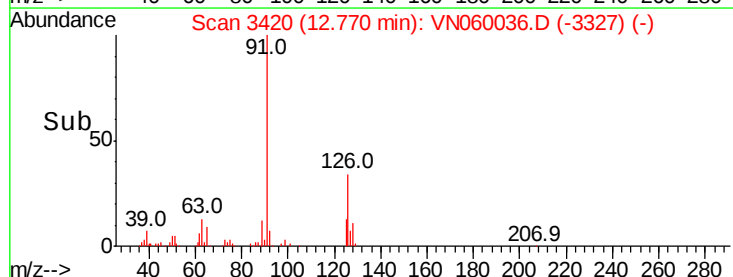
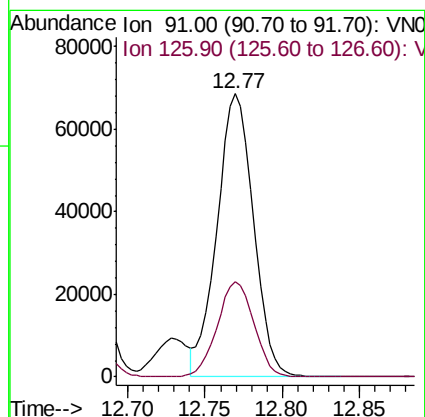
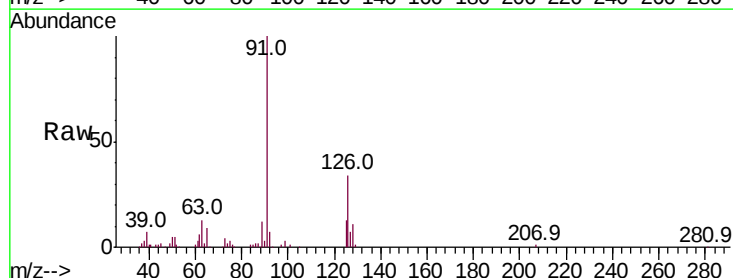
Acq: 10 Feb 2020 11:11

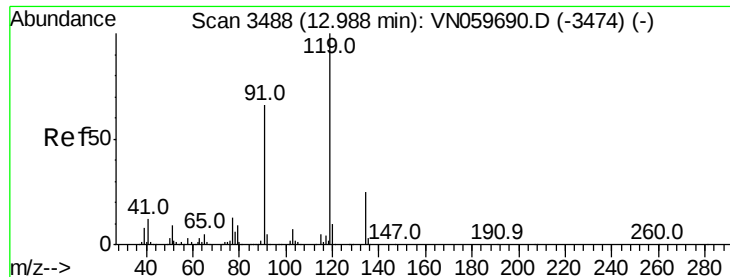
Tgt Ion: 91 Resp: 112337

Ion Ratio Lower Upper

91 100

126 33.8 16.3 48.8





#83

tert-Butylbenzene

Concen: 19.325 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

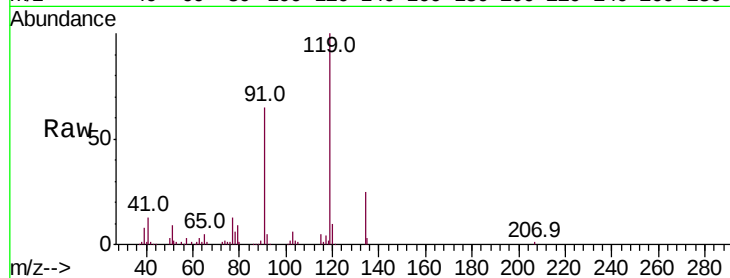
Tot Ion:119 Resp: 122648

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.4

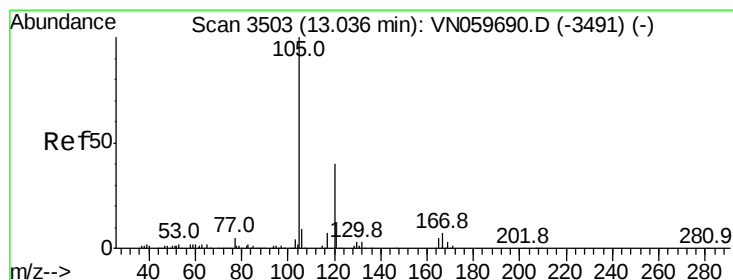
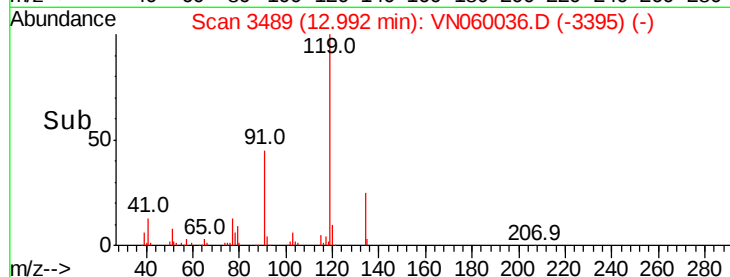
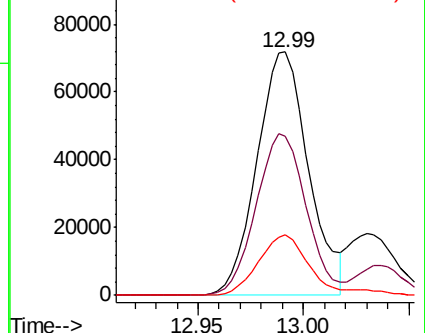
134 25.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.704 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060036.D

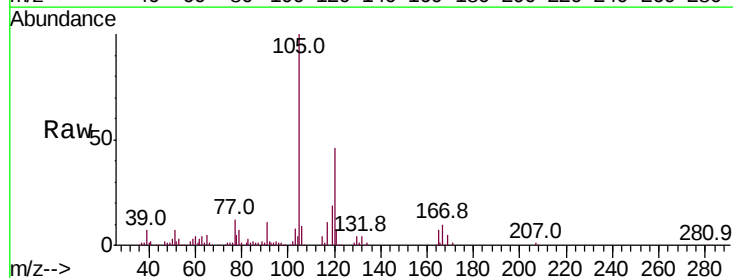
Acq: 10 Feb 2020 11:11

Tgt Ion:105 Resp: 135789

Ion Ratio Lower Upper

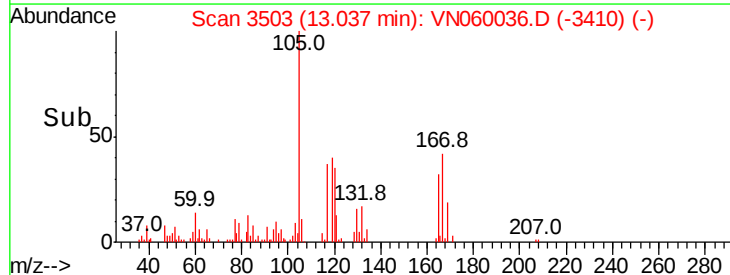
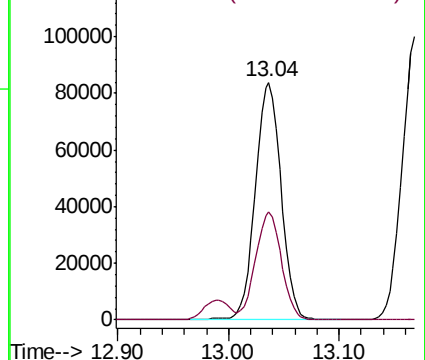
105 100

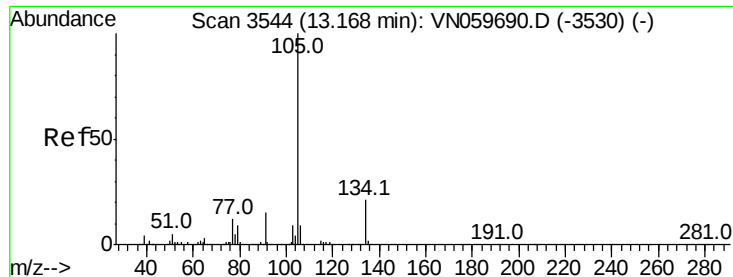
120 45.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.148 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

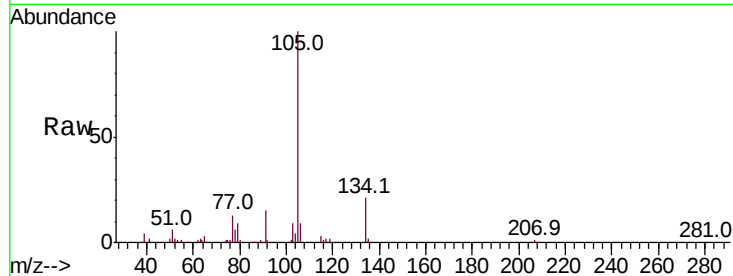
ClientSampleId :

Tot Ion:105 Resp: 159665

Ion Ratio Lower Upper

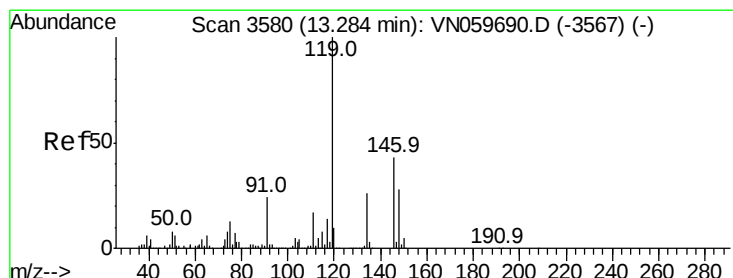
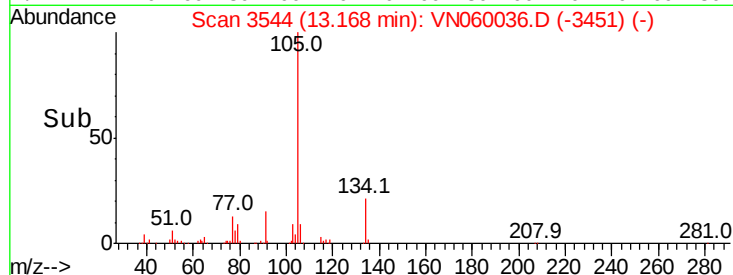
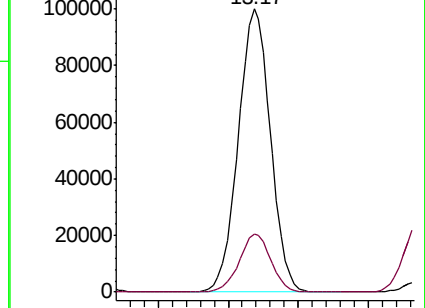
105 100

134 20.2 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: 18.827 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

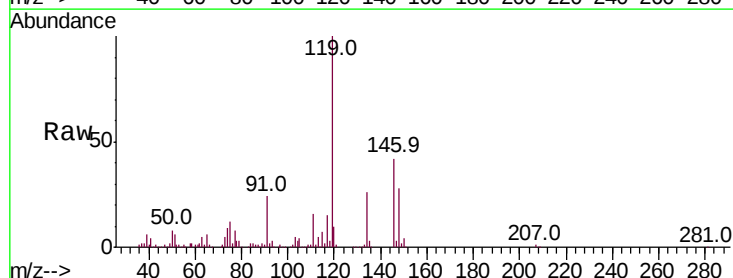
Tgt Ion:119 Resp: 145258

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

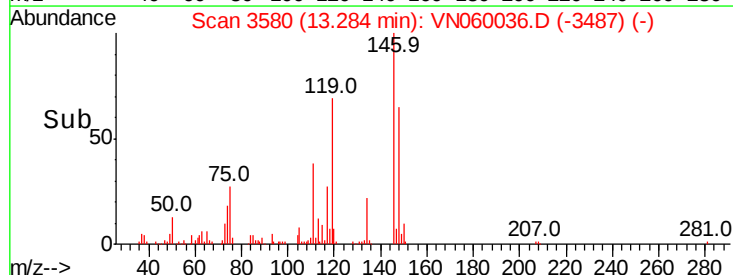
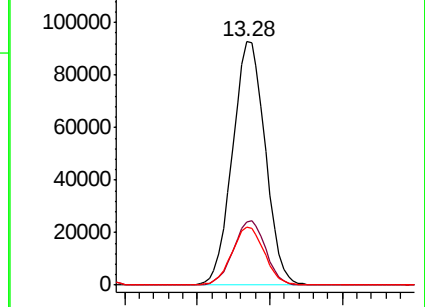
91 23.8 12.4 37.4

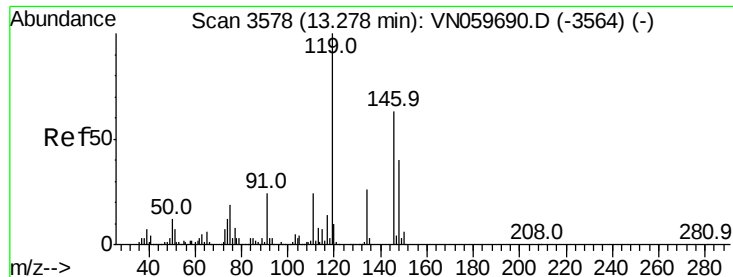


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.024 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

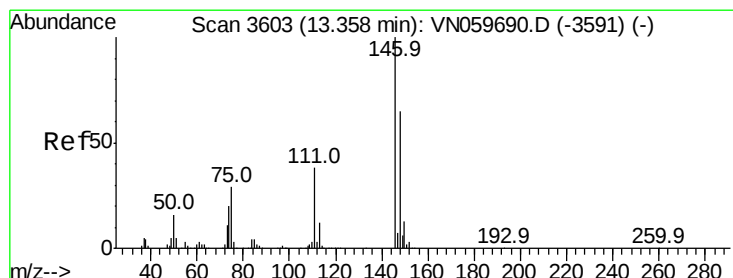
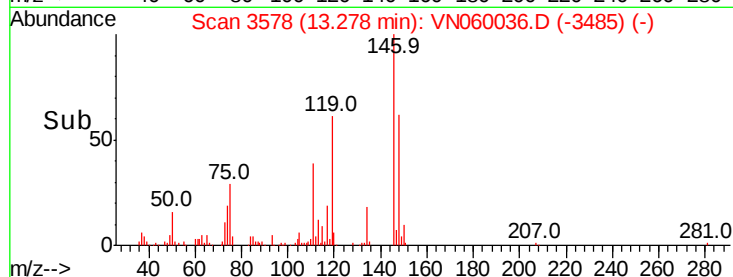
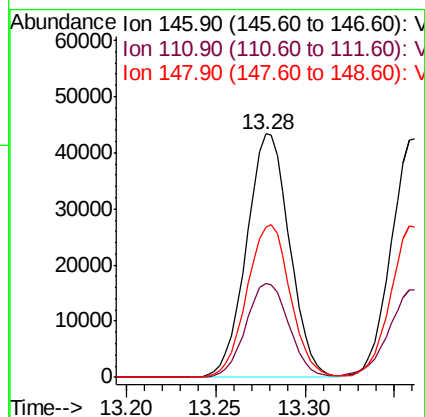
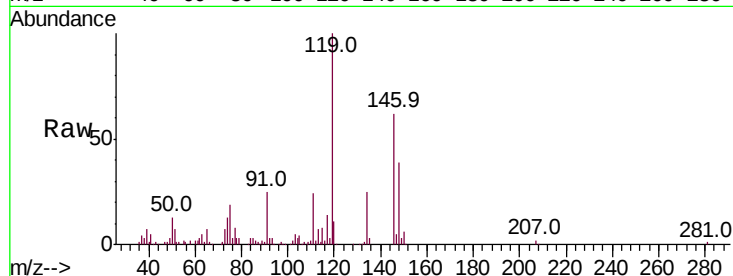
Tot Ion:146 Resp: 73019

Ion Ratio Lower Upper

146 100

111 38.6 20.8 62.2

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.497 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

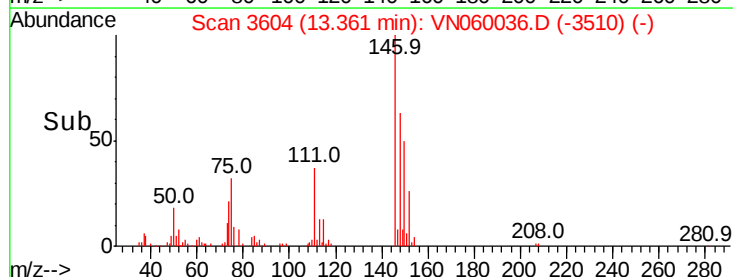
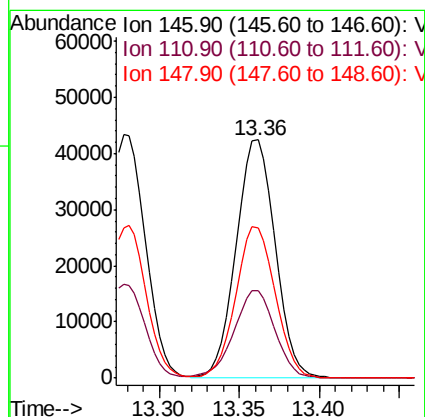
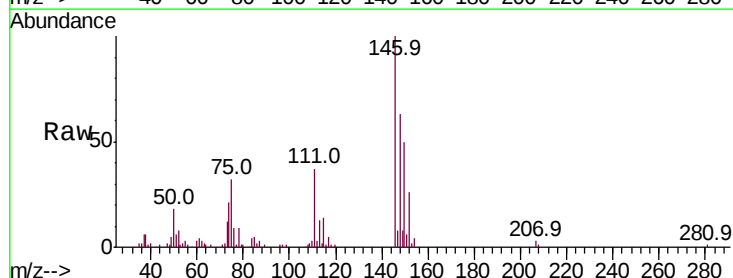
Tgt Ion:146 Resp: 70827

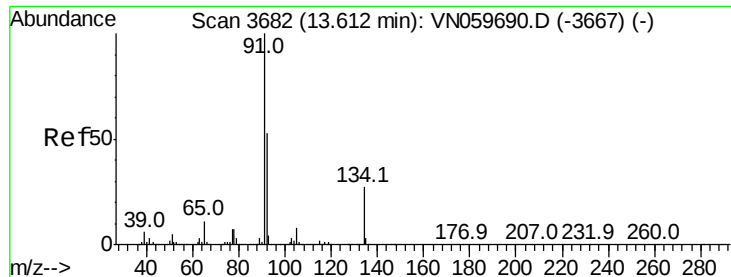
Ion Ratio Lower Upper

146 100

111 38.5 20.8 62.2

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 18.851 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

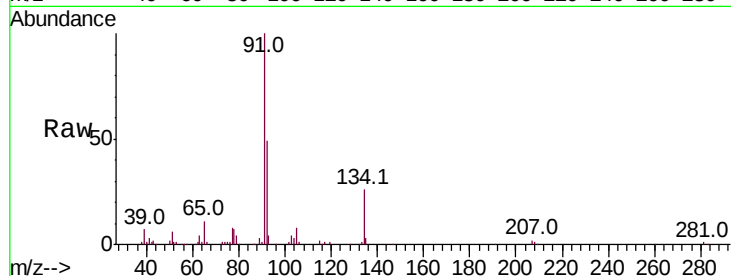
Tot Ion: 91 Resp: 124015

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.7

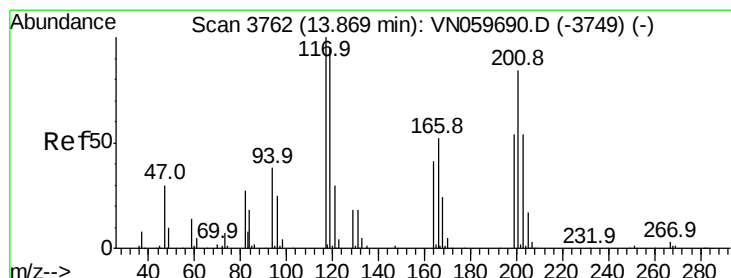
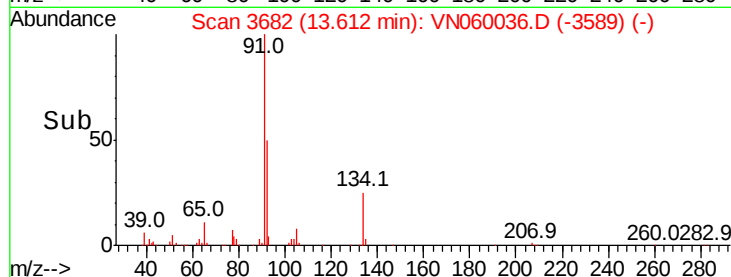
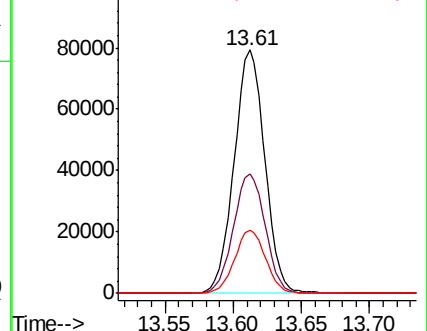
134 25.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.936 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060036.D

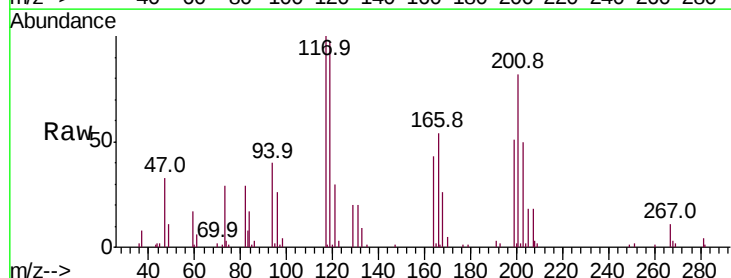
Acq: 10 Feb 2020 11:11

Tgt Ion: 117 Resp: 27335

Ion Ratio Lower Upper

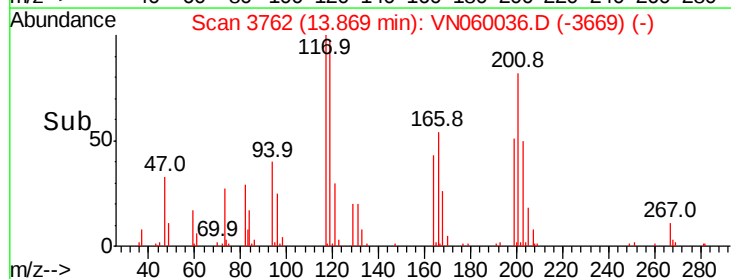
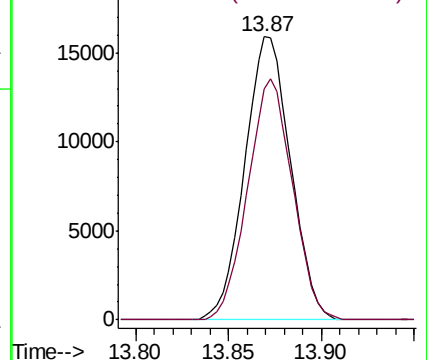
117 100

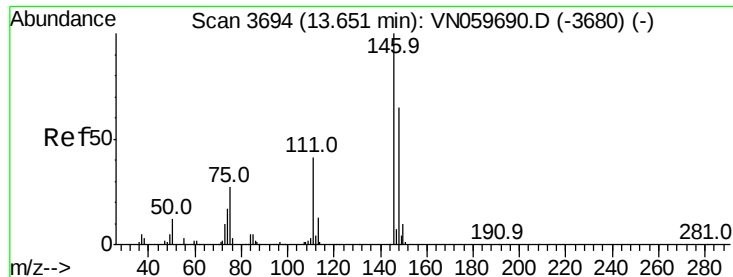
201 83.0 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.772 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

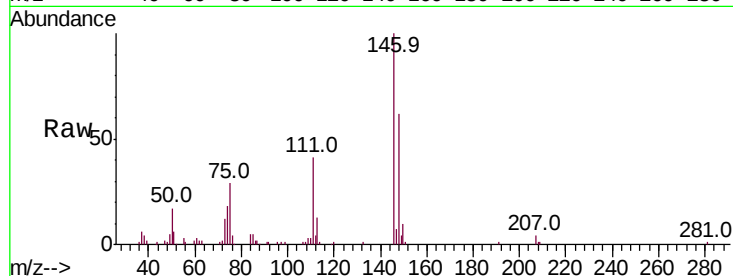
Tot Ion:146 Resp: 71232

Ion Ratio Lower Upper

146 100

111 41.5 21.6 64.8

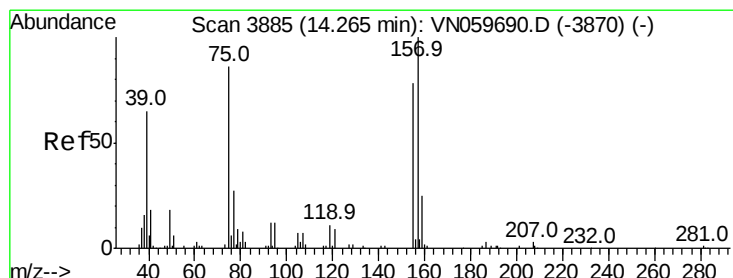
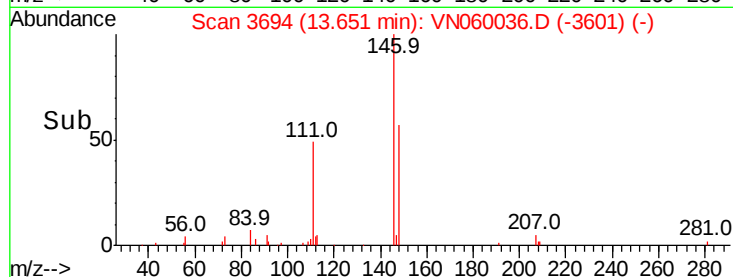
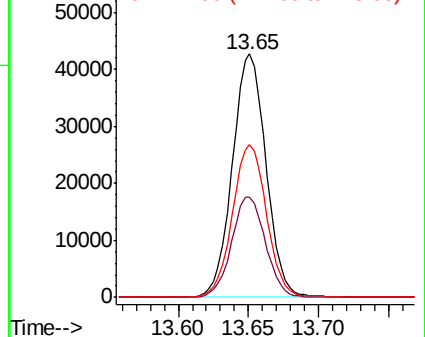
148 63.6 31.6 95.0



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: 17.803 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

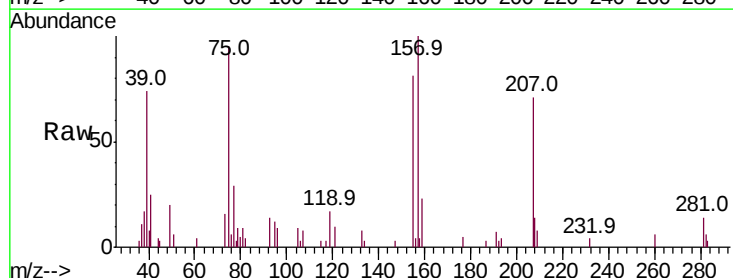
Tgt Ion: 75 Resp: 10396

Ion Ratio Lower Upper

75 100

155 80.2 37.0 110.9

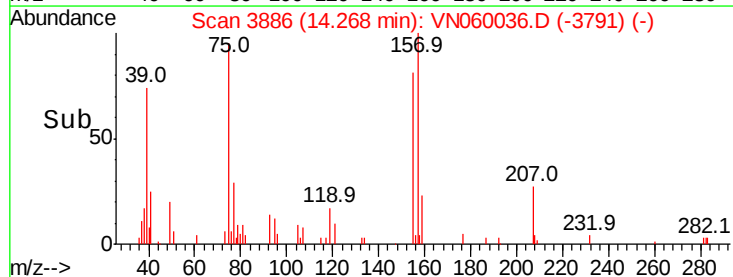
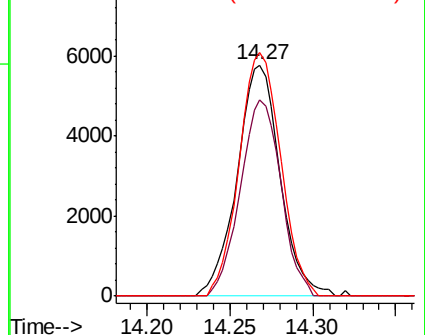
157 101.9 48.4 145.2

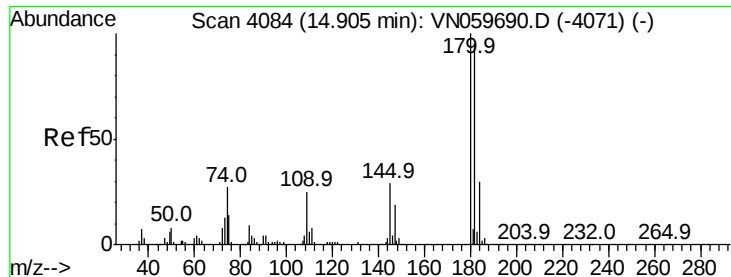


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

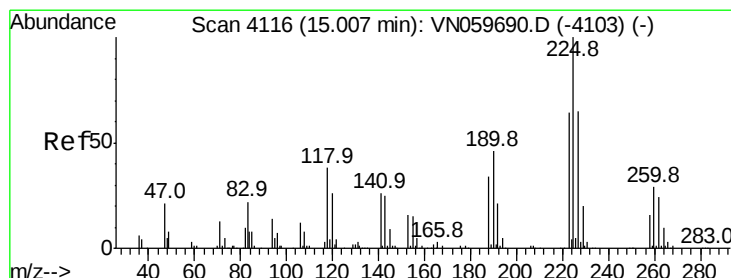
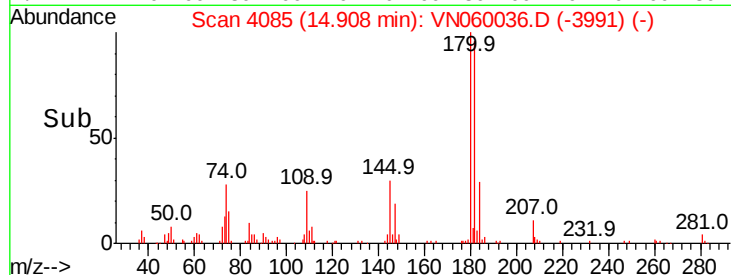
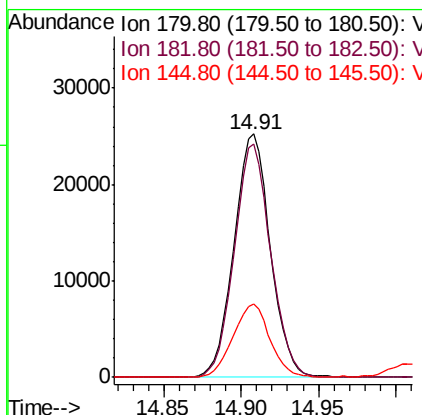
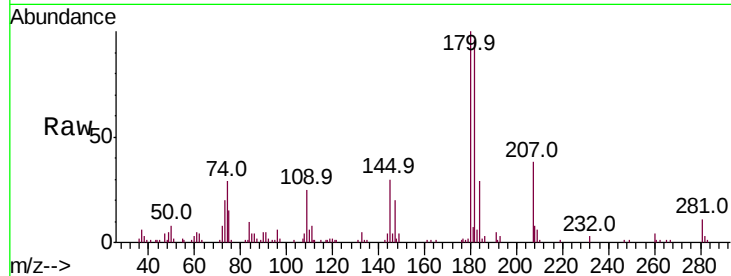




#93
 1,2,4-Trichlorobenzene
 Concen: 18.066 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

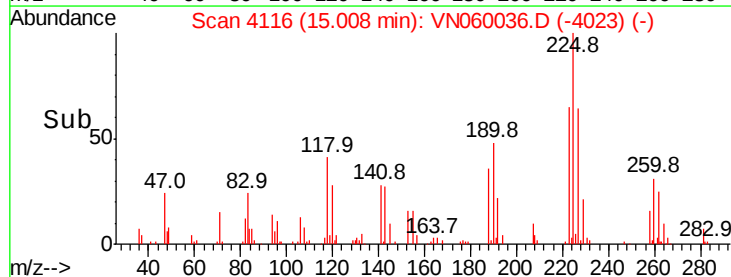
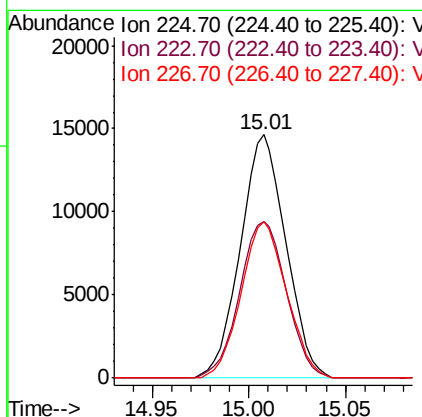
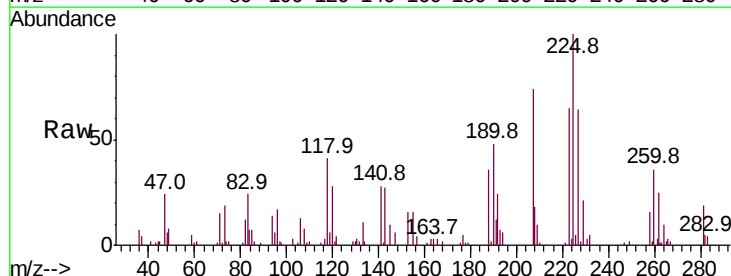
Instrument :
 MSVOA_N
 ClientSampleId :

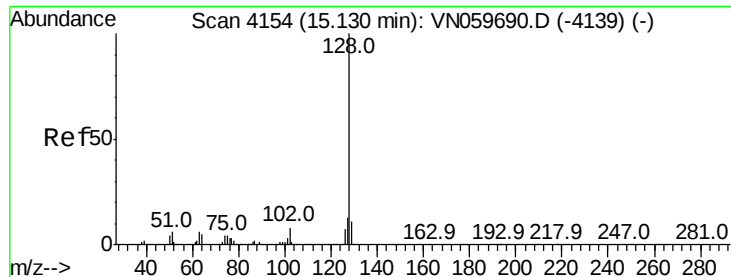
Tot Ion:180 Resp: 41193
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.7
 145 30.4 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.059 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060036.D
 Acq: 10 Feb 2020 11:11

Tgt Ion:225 Resp: 23947
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.8 95.3
 227 64.2 32.1 96.5





#95

Naphthalene

Concen: 16.717 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

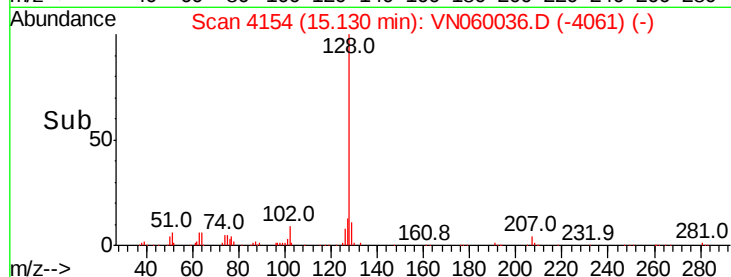
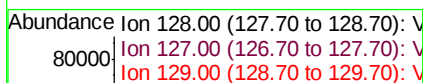
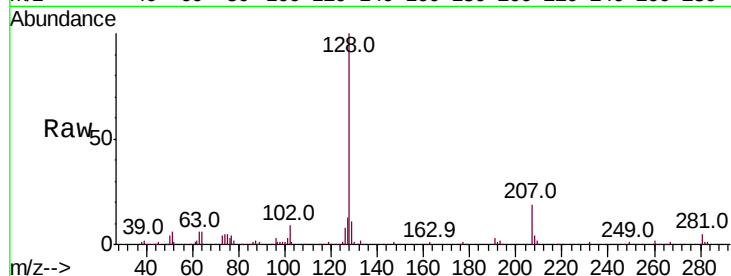
Tot Ion:128 Resp: 108416

Ion Ratio Lower Upper

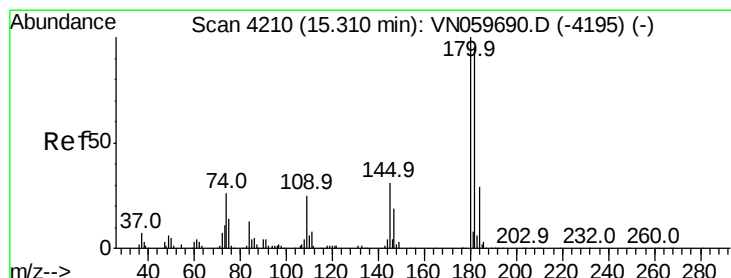
128 100

127 12.8 10.4 15.6

129 10.9 8.6 12.8



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.237 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060036.D

Acq: 10 Feb 2020 11:11

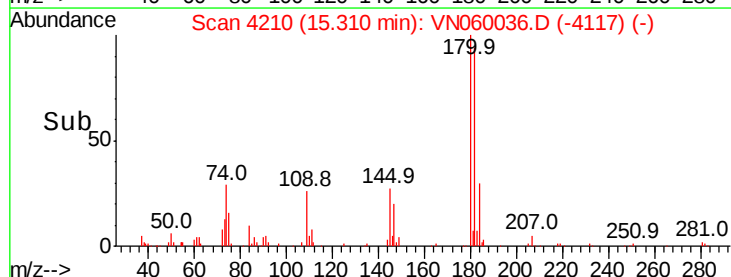
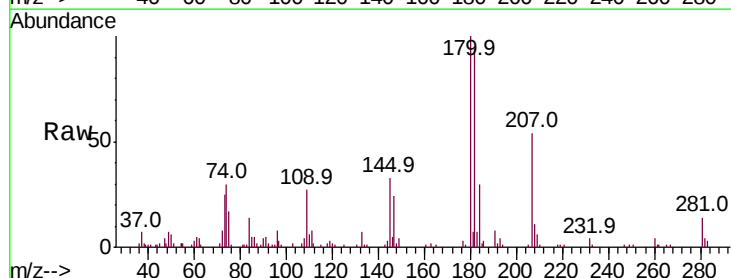
Tgt Ion:180 Resp: 40474

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 32.3 16.3 48.9



Time-->