

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060164.D
 Acq On : 20 Feb 2020 11:33
 Operator : JC/MD
 Sample : VN0220WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 02:21:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	297645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132916	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	111750	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
35) Dibromofluoromethane	7.56	113	89566	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	10.08	98	349066	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	124945	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	36221	19.099	ug/l	96
3) Chloromethane	2.04	50	42308	18.746	ug/l	99
4) Vinyl Chloride	2.17	62	47833	18.594	ug/l	100
5) Bromomethane	2.55	94	29826	18.909	ug/l	99
6) Chloroethane	2.69	64	24454	18.794	ug/l	94
7) Trichlorofluoromethane	3.00	101	62507	18.846	ug/l	99
8) Diethyl Ether	3.38	74	21419	19.400	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36073	19.590	ug/l	99
10) Methyl Iodide	3.93	142	46265	20.254	ug/l	99
11) Tert butyl alcohol	4.73	59	31099	90.014	ug/l	99
12) 1,1-Dichloroethene	3.72	96	34392	19.172	ug/l	96
13) Acrolein	3.58	56	26823	78.546	ug/l	97
14) Allyl chloride	4.29	41	53671	20.328	ug/l	91
15) Acrylonitrile	4.94	53	80294	95.165	ug/l	99
16) Acetone	3.78	43	85675	85.075	ug/l	98
17) Carbon Disulfide	4.03	76	95975	17.750	ug/l	98
18) Methyl Acetate	4.28	43	38140	20.161	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	113700	18.848	ug/l	99
20) Methylene Chloride	4.52	84	38511	19.168	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	36931	18.886	ug/l	95
22) Diisopropyl ether	5.91	45	111010	19.185	ug/l	97
23) Vinyl Acetate	5.86	43	463419	95.368	ug/l	99
24) 1,1-Dichloroethane	5.82	63	67739	19.324	ug/l	99
25) 2-Butanone	6.80	43	114147	90.124	ug/l	95
26) 2,2-Dichloropropane	6.79	77	63666	19.122	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	42780	18.694	ug/l	98
28) Bromochloromethane	7.16	49	26580	19.288	ug/l	97
29) Tetrahydrofuran	7.18	42	71996	92.659	ug/l	99
30) Chloroform	7.35	83	70442	19.184	ug/l	98
31) Cyclohexane	7.63	56	62635	19.182	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	63816	19.018	ug/l	98
36) 1,1-Dichloropropene	7.77	75	52712	19.120	ug/l	99
37) Ethyl Acetate	6.89	43	46994	18.861	ug/l	99
38) Carbon Tetrachloride	7.75	117	55992	18.701	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65218	19.057	ug/l	99
40) Benzene	8.02	78	154789	18.927	ug/l	99
41) Methacrylonitrile	7.18	41	67279	64.387	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55250	19.276	ug/l	98
43) Isopropyl Acetate	8.14	43	80723	18.953	ug/l	99
44) Trichloroethene	8.81	130	42394	18.722	ug/l	100
45) 1,2-Dichloropropane	9.10	63	40022	19.767	ug/l	99
46) Dibromomethane	9.19	93	27026	18.889	ug/l	97
47) Bromodichloromethane	9.38	83	55023	18.916	ug/l	99
48) Methyl methacrylate	9.18	41	34212	17.903	ug/l	97
49) 1,4-Dioxane	9.18	88	12491	382.565	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	231121	93.750	ug/l	99
52) Toluene	10.14	92	101490	19.353	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	62613	19.069	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	65542	18.956	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	39393	19.254	ug/l	99
56) Ethyl methacrylate	10.42	69	54298	18.761	ug/l	97
57) 1,3-Dichloropropane	10.70	76	64746	19.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	129091	95.741	ug/l	100
59) 2-Hexanone	10.74	43	170760	89.667	ug/l	99
60) Dibromochloromethane	10.89	129	43557	18.552	ug/l	99
61) 1,2-Dibromoethane	10.99	107	39361	18.352	ug/l	97
64) Tetrachloroethene	10.62	164	40019	19.035	ug/l	99
65) Chlorobenzene	11.43	112	106379	18.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	41275	19.365	ug/l	99
67) Ethyl Benzene	11.50	91	192933	18.986	ug/l	100
68) m/p-Xylenes	11.62	106	144292	37.832	ug/l	100
69) o-Xylene	11.94	106	69512	18.929	ug/l	100
70) Styrene	11.96	104	108810	18.374	ug/l	99
71) Bromoform	12.12	173	31130	18.158	ug/l #	99
73) Isopropylbenzene	12.25	105	188298	18.971	ug/l	100
74) N-amyl acetate	12.06	43	67704	18.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	55212	19.326	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	72557	28.532	ug/l #	100
77) Bromobenzene	12.52	156	47102	19.122	ug/l	98
78) n-propylbenzene	12.59	91	213849	18.911	ug/l	100
79) 2-Chlorotoluene	12.67	91	125882	18.939	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	158134	19.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19260	18.545	ug/l	99
82) 4-Chlorotoluene	12.77	91	128492	18.842	ug/l	100
83) tert-Butylbenzene	12.99	119	136195	18.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	157145	19.290	ug/l	99
85) sec-Butylbenzene	13.17	105	185158	19.151	ug/l	99
86) p-Isopropyltoluene	13.28	119	166570	19.015	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	82085	18.826	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	81823	18.770	ug/l	98
89) n-Butylbenzene	13.61	91	146101	18.962	ug/l	99
90) Hexachloroethane	13.87	117	30765	18.799	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	79906	18.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11157	17.871	ug/l	95

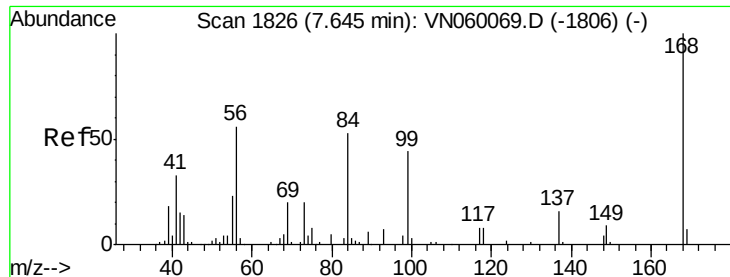
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	46444	18.524	ug/l	98
94) Hexachlorobutadiene	15.01	225	27072	18.444	ug/l	99
95) Naphthalene	15.13	128	118236	17.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46119	18.471	ug/l	100

(#) = 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: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

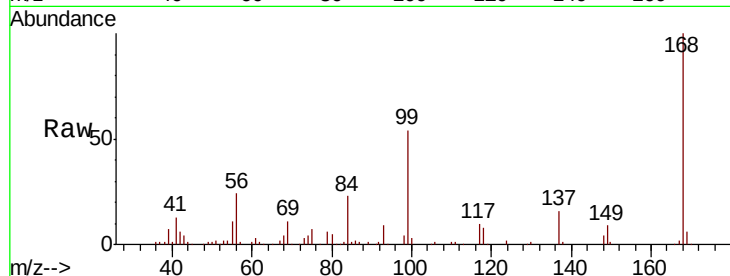
ClientSampleId :

Tot Ion:168 Resp: 189733

Ion Ratio Lower Upper

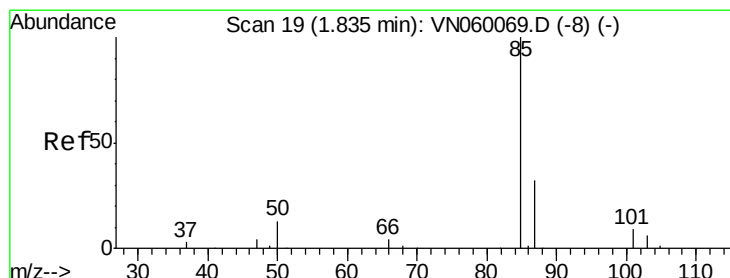
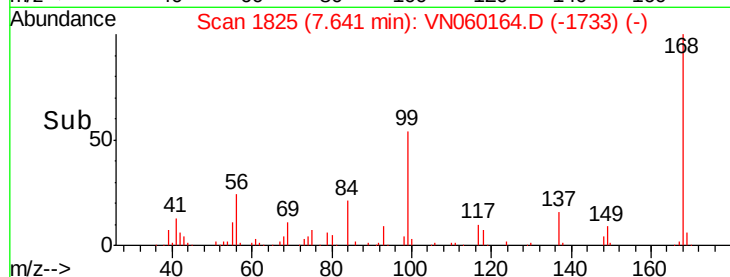
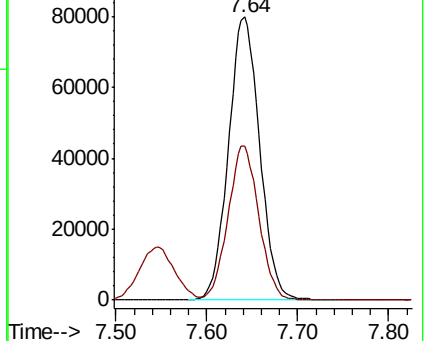
168 100

99 54.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.099 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060164.D

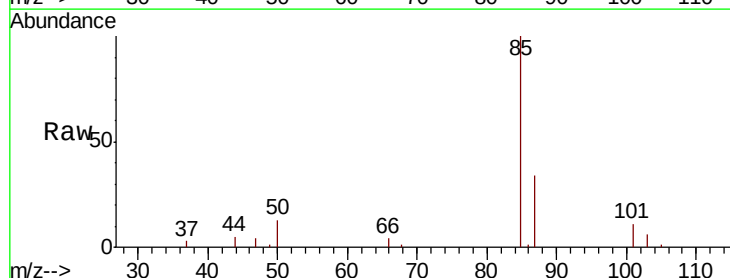
Acq: 20 Feb 2020 11:33

Tgt Ion: 85 Resp: 36221

Ion Ratio Lower Upper

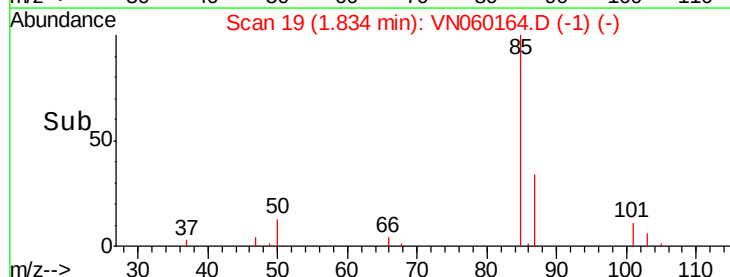
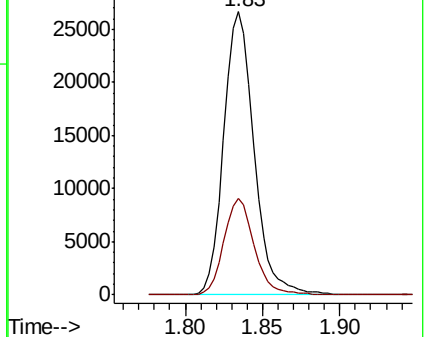
85 100

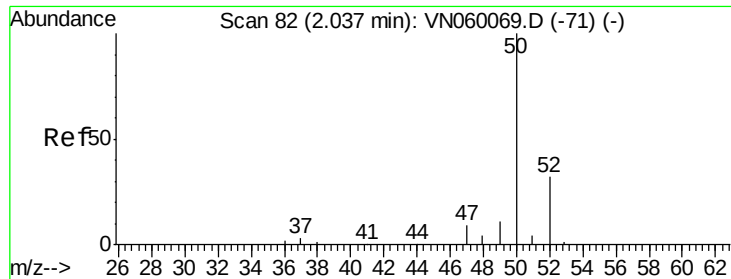
87 34.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.746 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

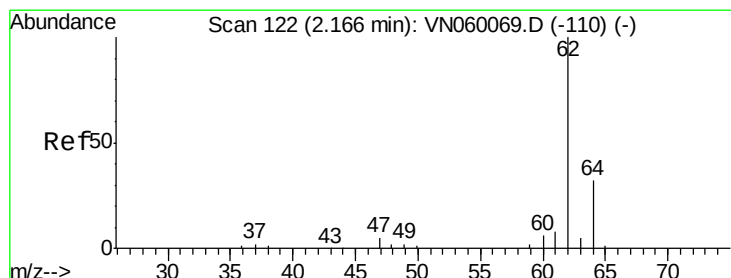
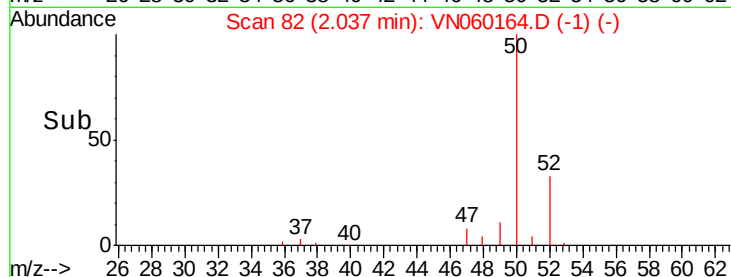
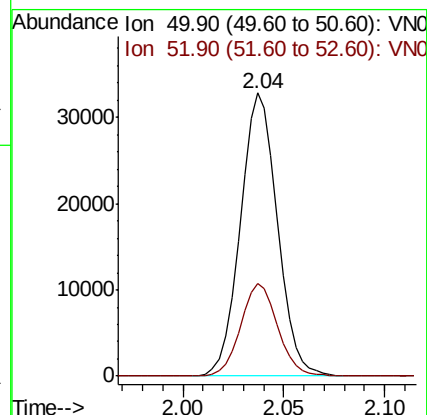
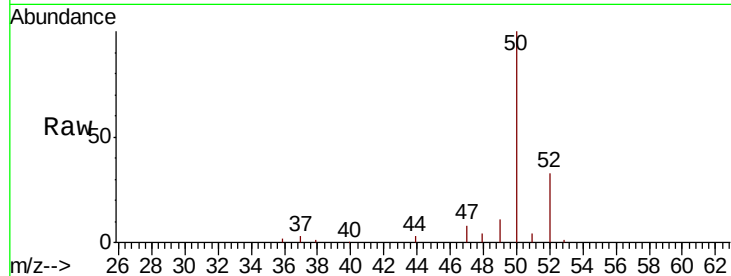
ClientSampleId :

Tot Ion: 50 Resp: 42308

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 18.594 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060164.D

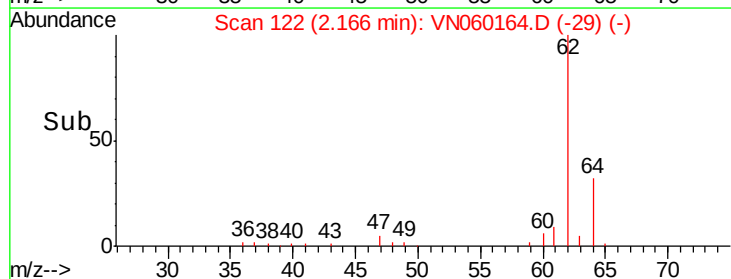
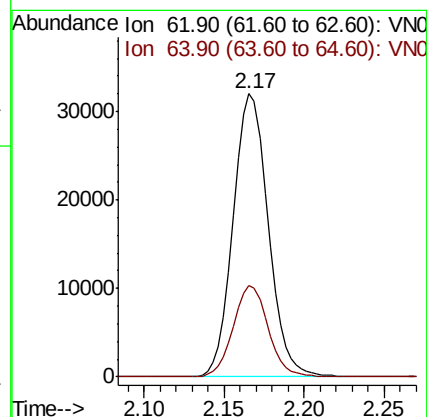
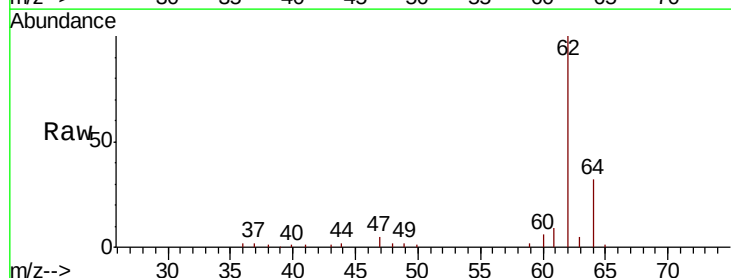
Acq: 20 Feb 2020 11:33

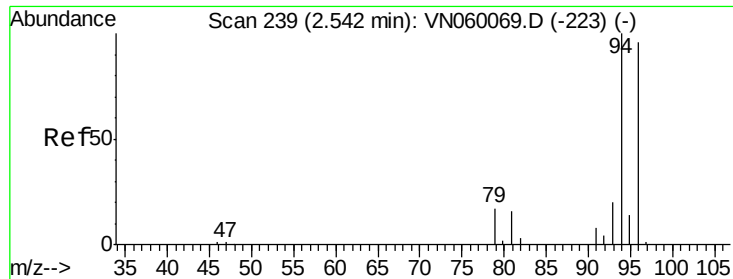
Tgt Ion: 62 Resp: 47833

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9

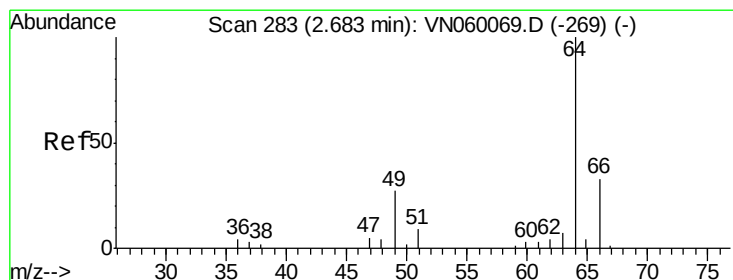
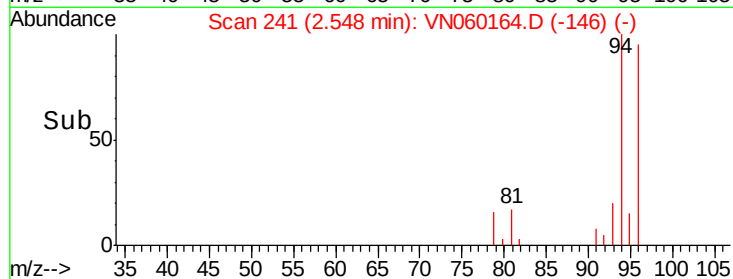
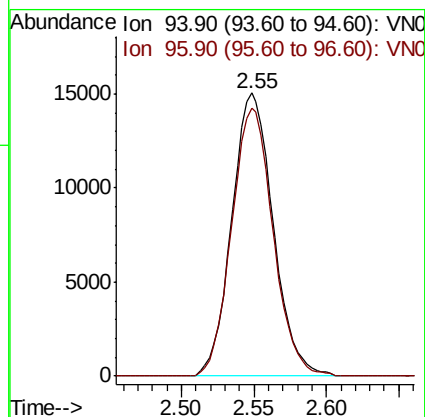
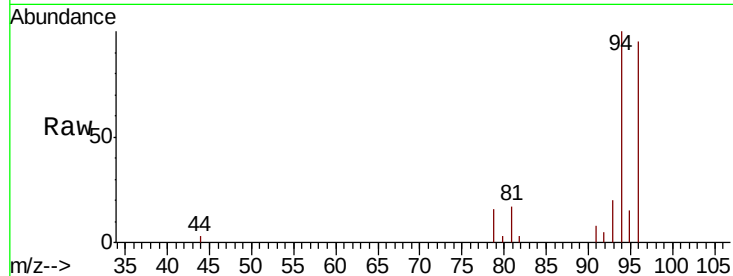




#5
Bromomethane
Concen: 18.909 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

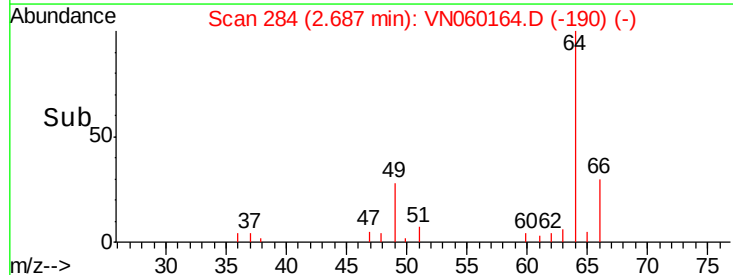
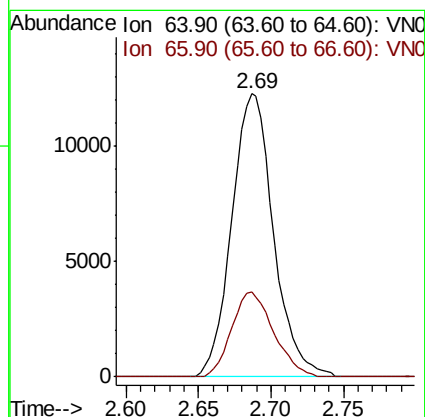
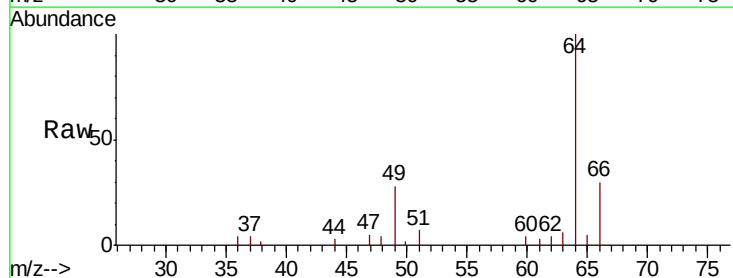
Instrument :
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ClientSampleId :

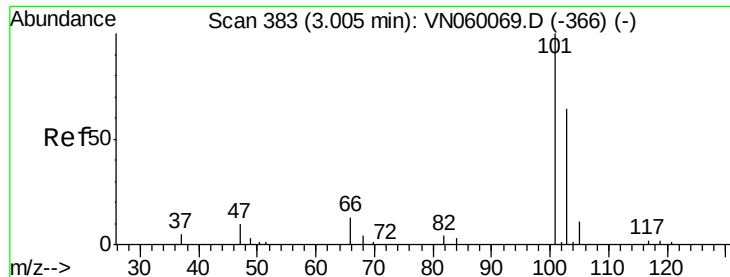
Tot Ion: 94 Resp: 29826
Ion Ratio Lower Upper
94 100
96 94.6 76.7 115.1



#6
Chloroethane
Concen: 18.794 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 64 Resp: 24454
Ion Ratio Lower Upper
64 100
66 30.0 26.6 40.0



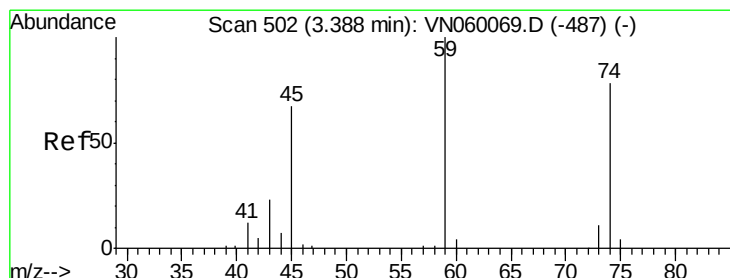
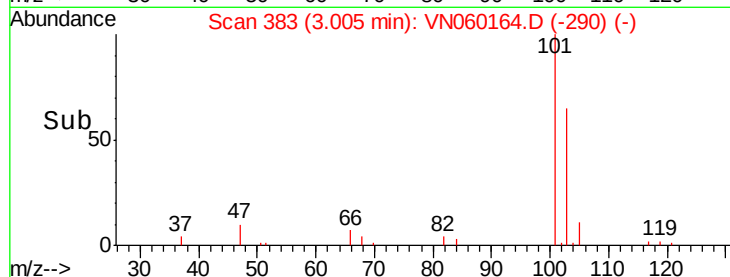
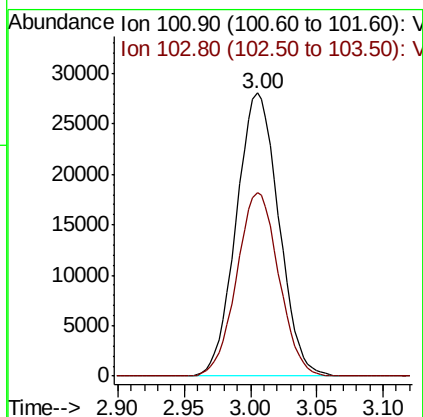
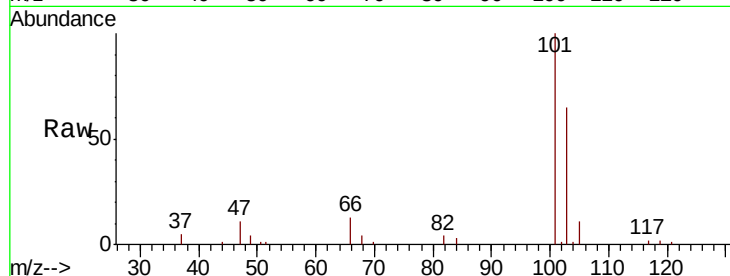


#7

Trichlorofluoromethane
 Concen: 18.846 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Instrument :
 MSVOA_N
 ClientSampled :

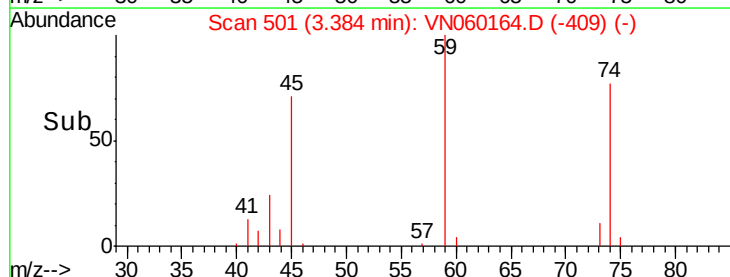
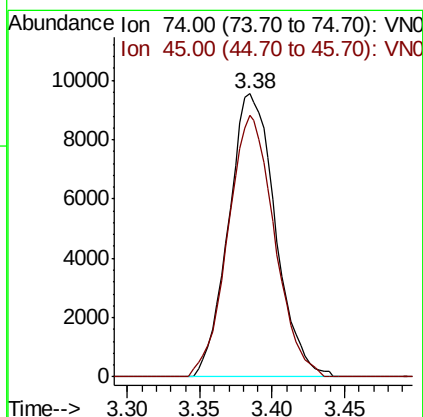
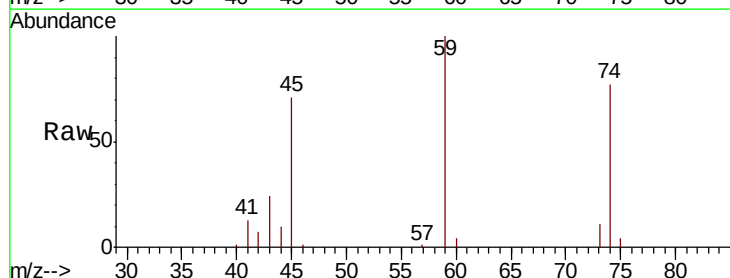
Tot Ion:101 Resp: 62507
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6

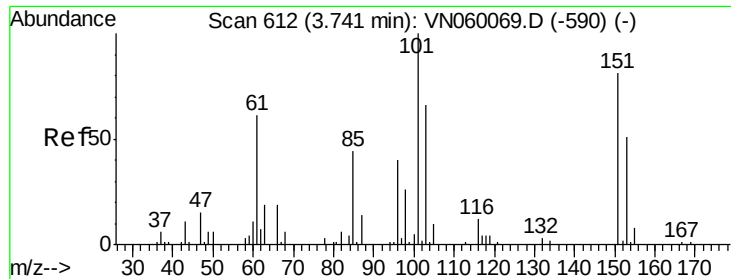


#8

Diethyl Ether
 Concen: 19.400 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion: 74 Resp: 21419
 Ion Ratio Lower Upper
 74 100
 45 91.8 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.590 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

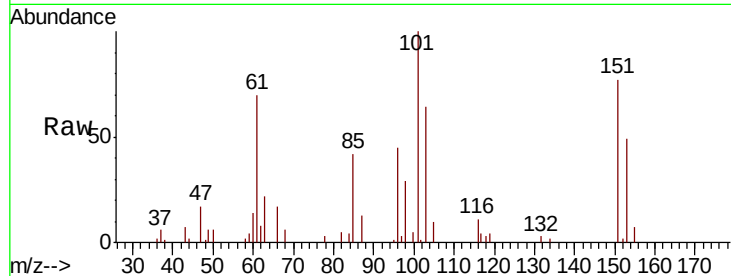
Tot Ion:101 Resp: 36073

Ion Ratio Lower Upper

101 100

85 43.1 35.1 52.7

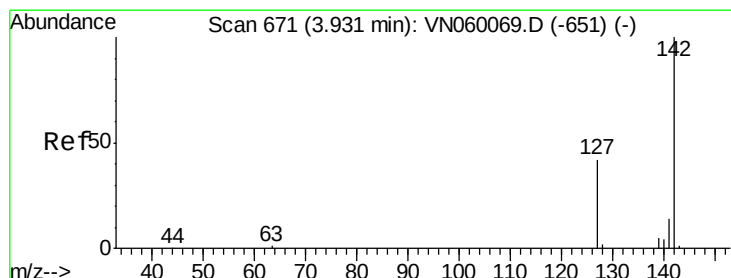
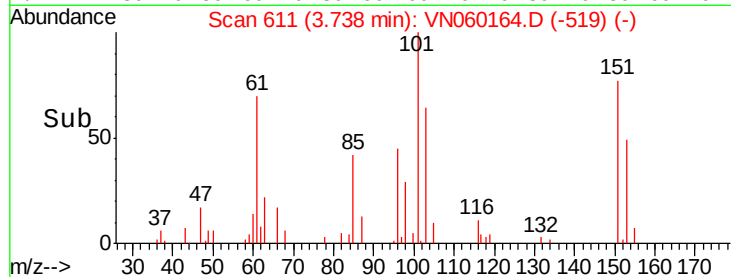
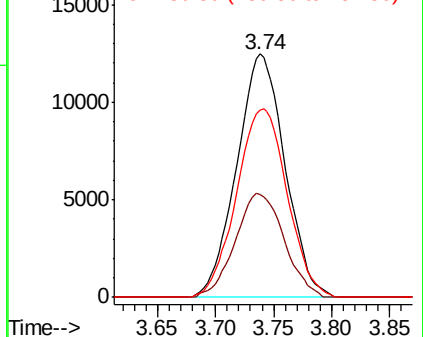
151 81.4 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.254 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

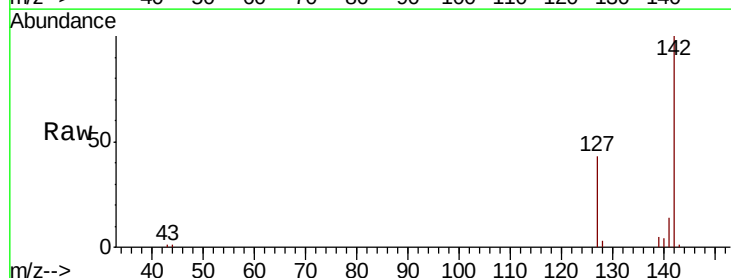
Tgt Ion:142 Resp: 46265

Ion Ratio Lower Upper

142 100

127 42.6 33.6 50.4

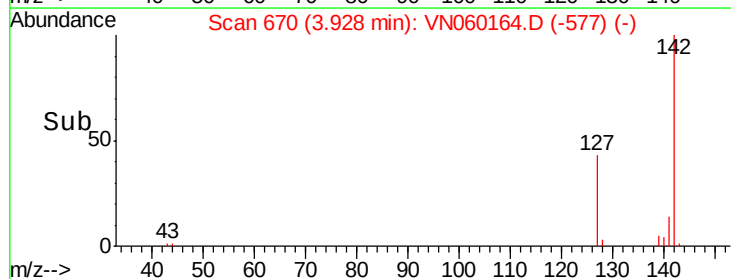
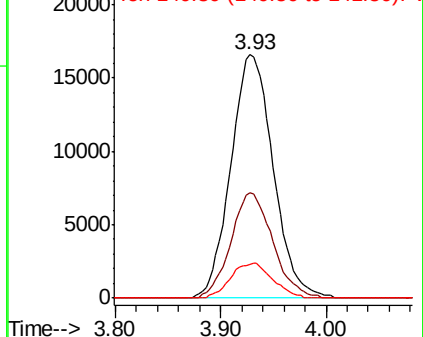
141 14.2 11.4 17.2

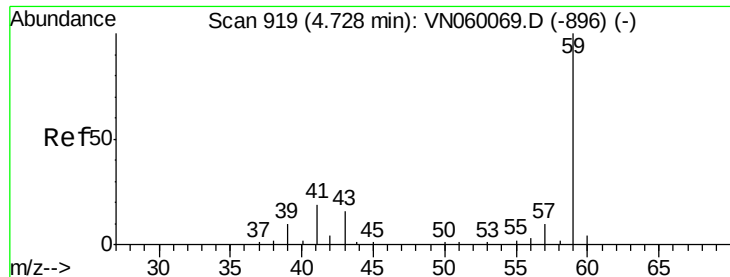


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

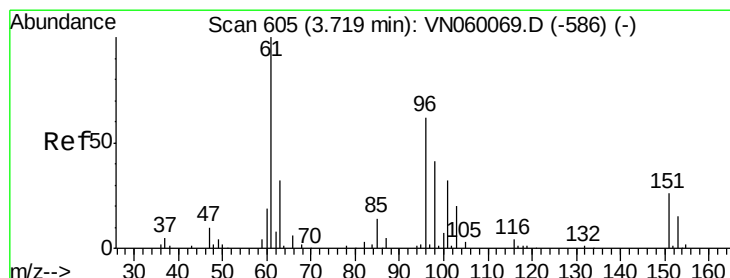
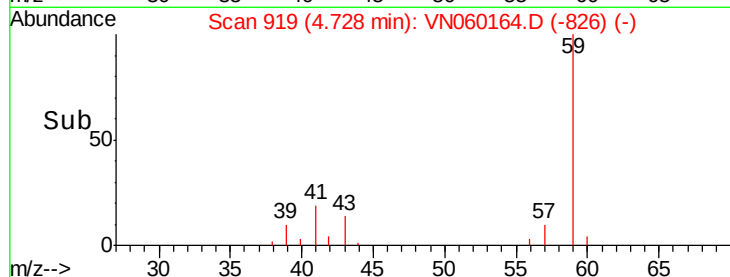
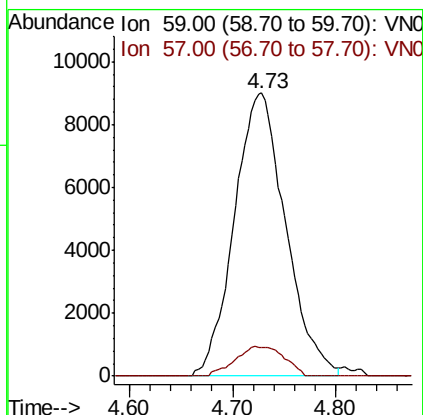
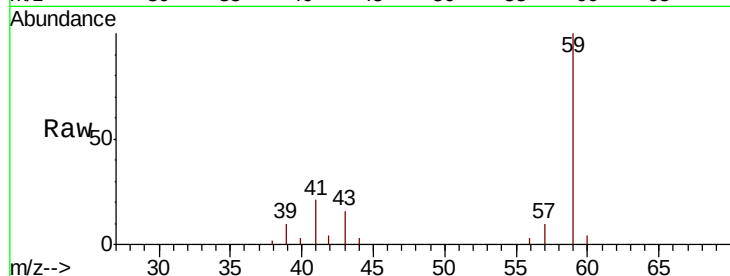




#11
Tert butyl alcohol
Concen: 90.014 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

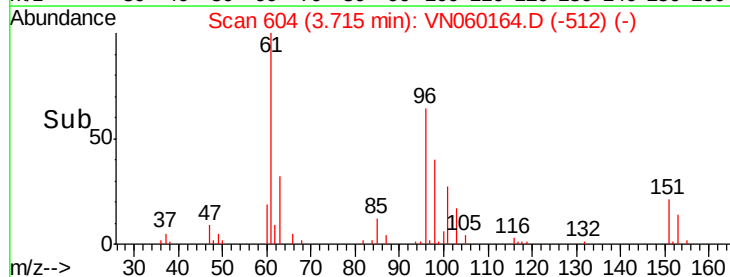
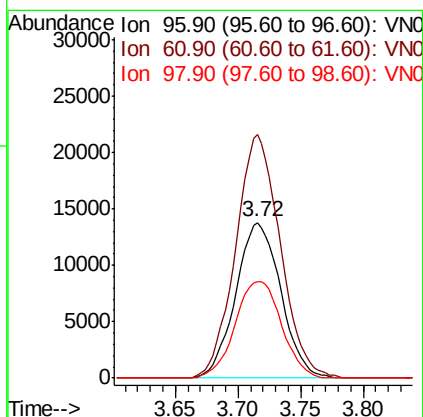
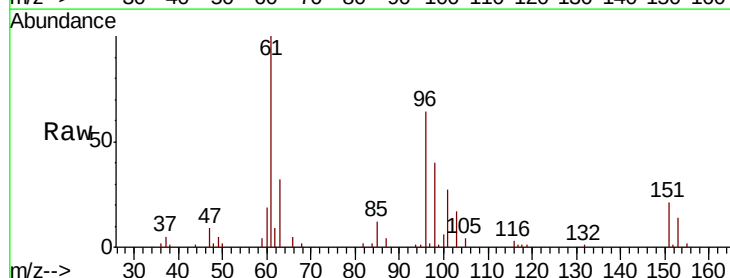
Instrument :
MSVOA_N
ClientSampled :

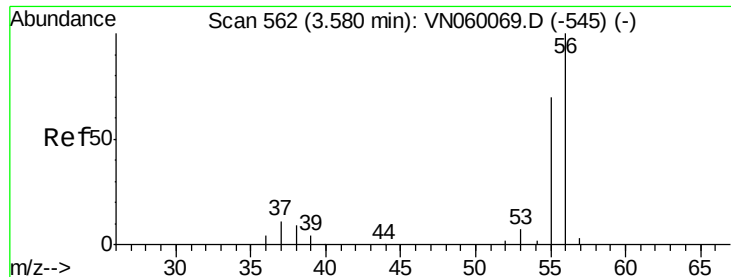
Tot Ion: 59 Resp: 31099
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.172 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 96 Resp: 34392
Ion Ratio Lower Upper
96 100
61 156.2 128.3 192.5
98 61.8 52.2 78.4





#13

Acrolein

Concen: 78.546 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

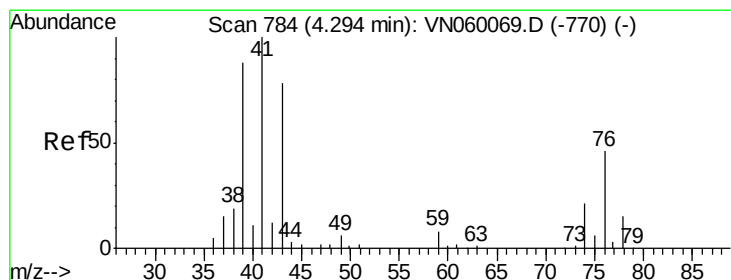
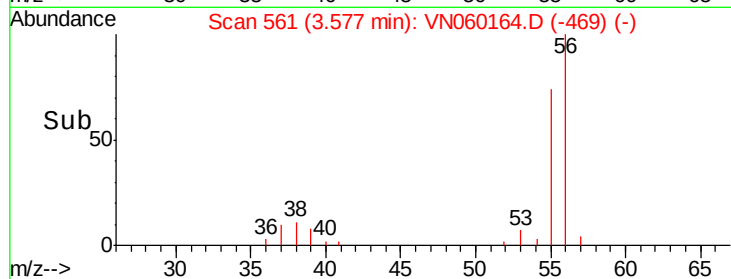
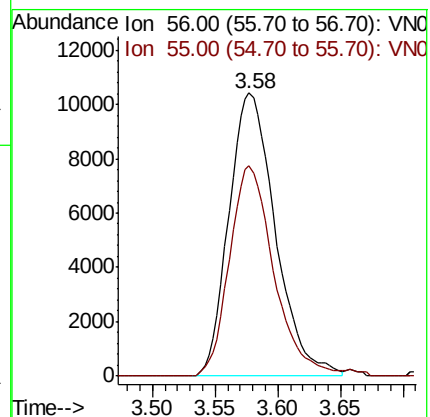
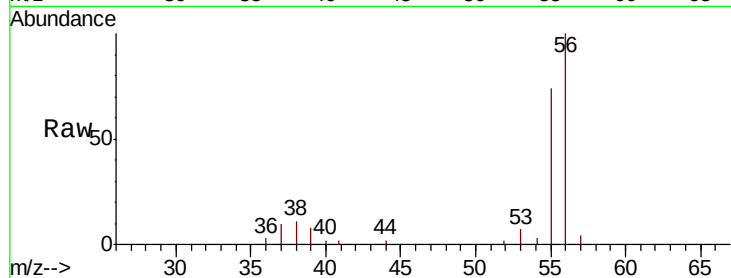
ClientSampleId :

Tot Ion: 56 Resp: 26823

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 20.328 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

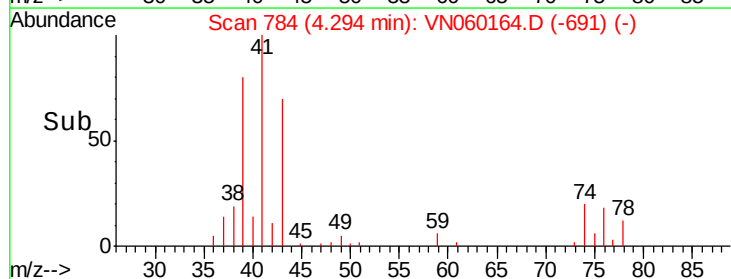
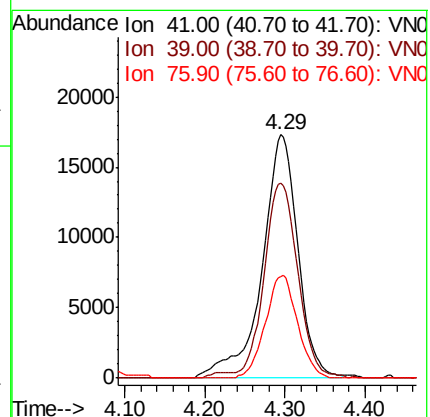
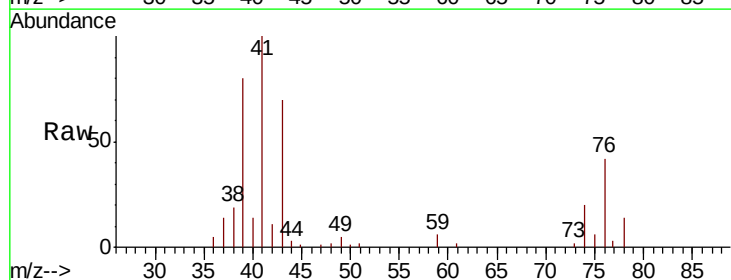
Tgt Ion: 41 Resp: 53671

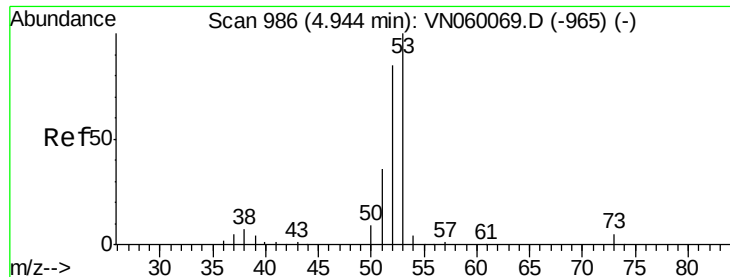
Ion Ratio Lower Upper

41 100

39 75.3 67.8 101.8

76 37.9 33.9 50.9





#15

Acrylonitrile

Concen: 95.165 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

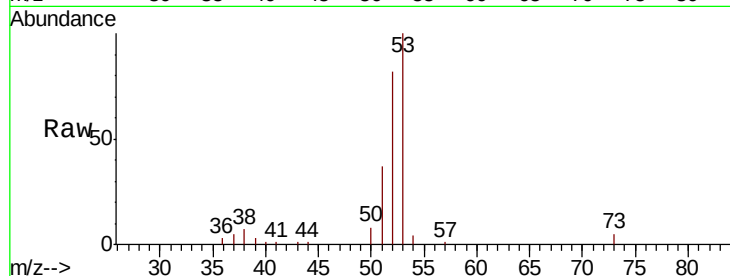
Tot Ion: 53 Resp: 80294

Ion Ratio Lower Upper

53 100

52 82.2 66.8 100.2

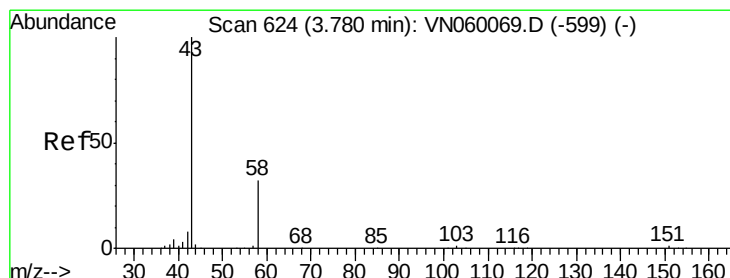
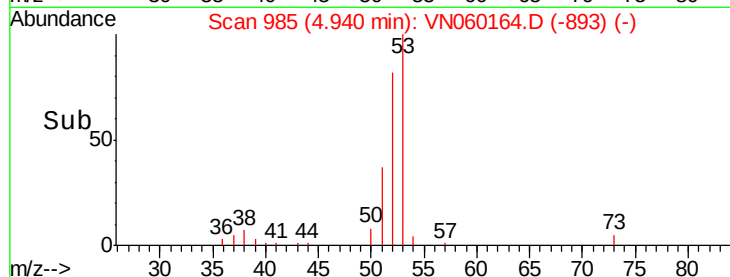
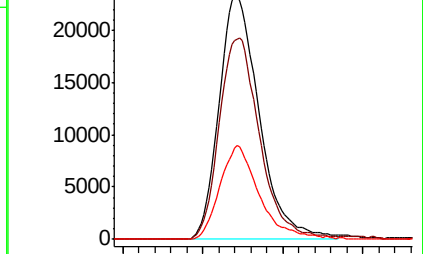
51 37.6 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060164.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060164.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060164.D (-893) (-)



#16

Acetone

Concen: 85.075 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060164.D

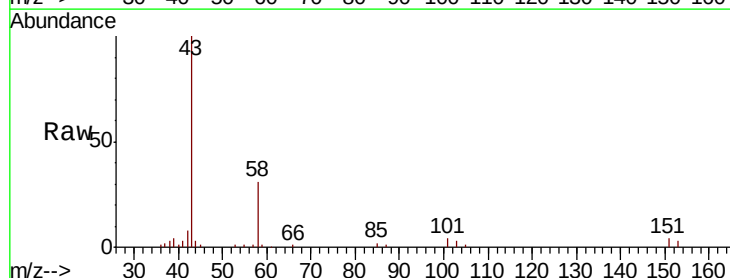
Acq: 20 Feb 2020 11:33

Tgt Ion: 43 Resp: 85675

Ion Ratio Lower Upper

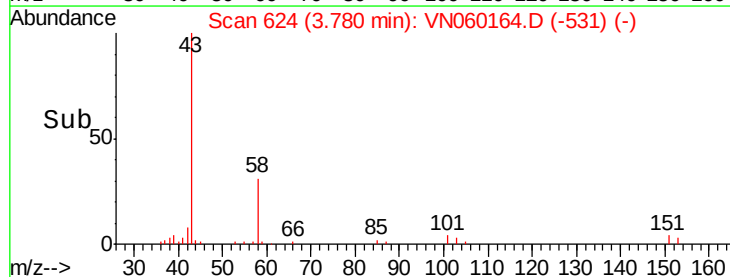
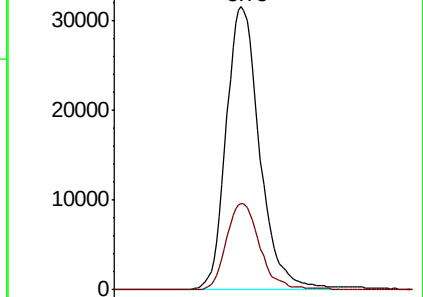
43 100

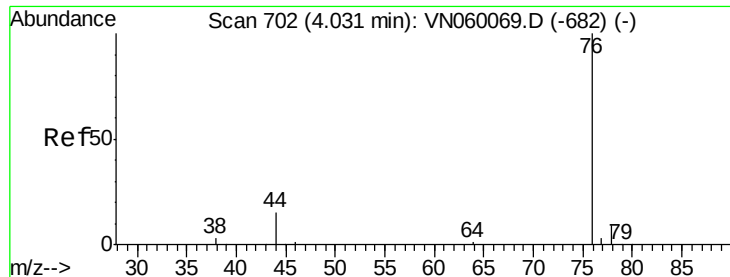
58 30.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060164.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060164.D (-531) (-)

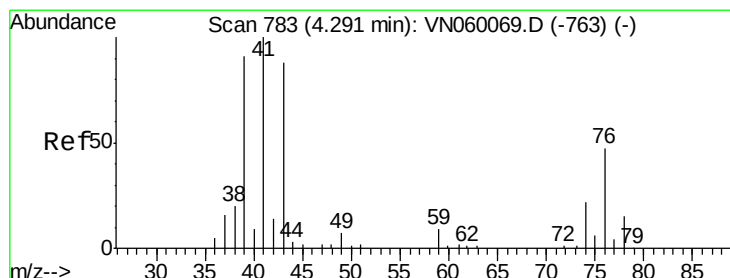
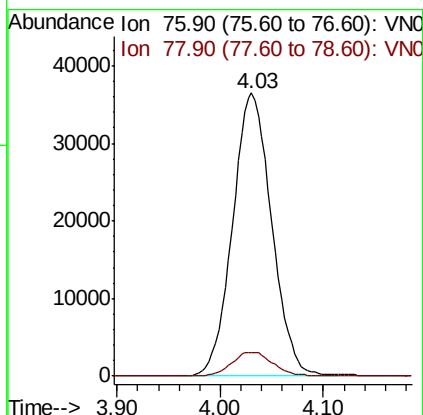
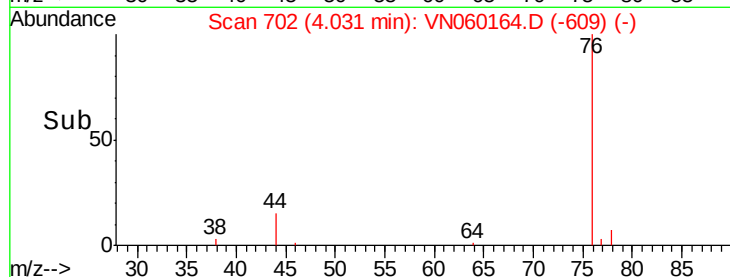
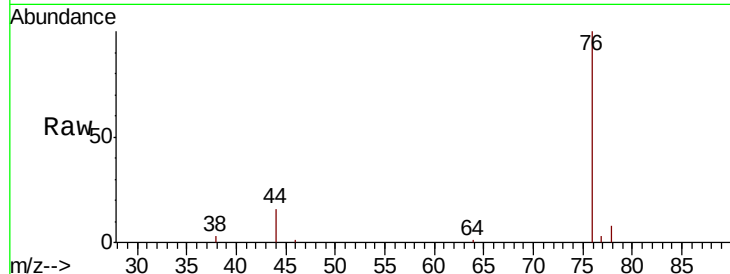




#17
Carbon Disulfide
Concen: 17.750 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

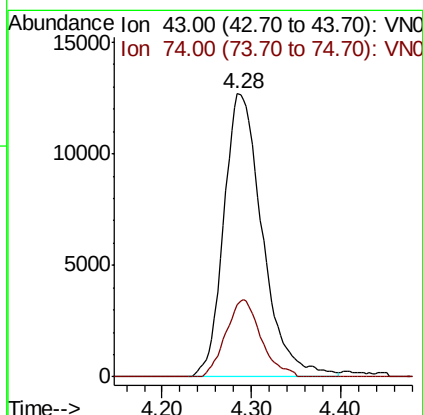
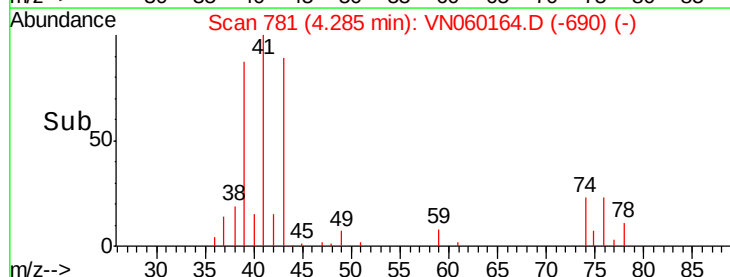
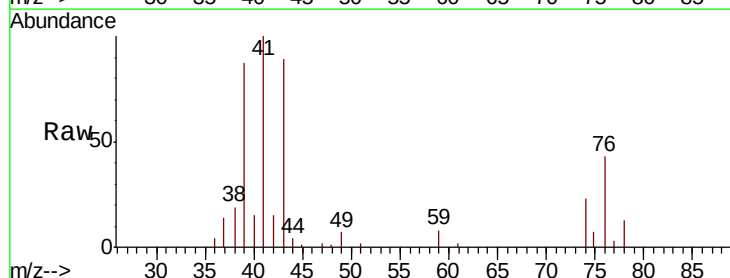
Instrument :
MSVOA_N
ClientSampleId :

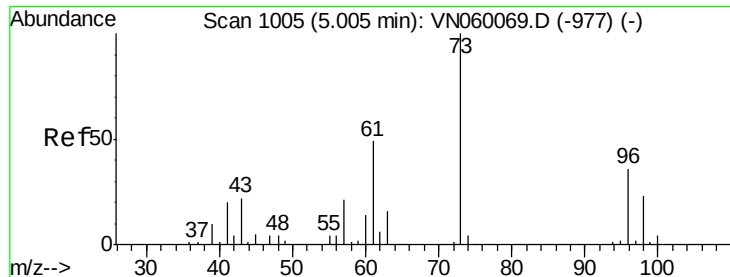
Tot Ion: 76 Resp: 95975
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.161 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.01 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 43 Resp: 38140
Ion Ratio Lower Upper
43 100
74 24.8 20.3 30.5

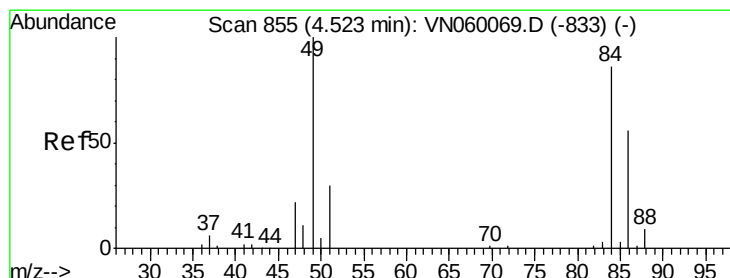
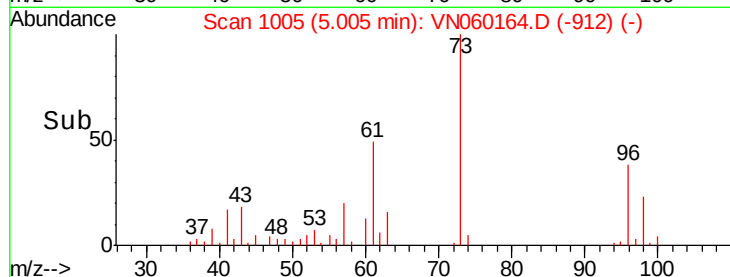
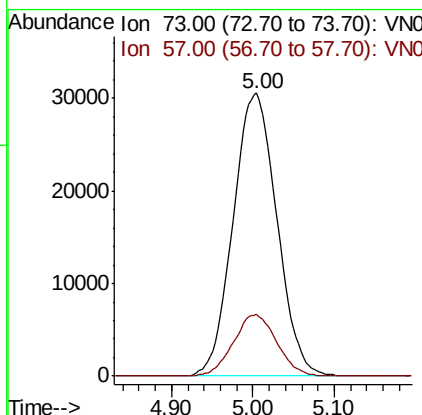
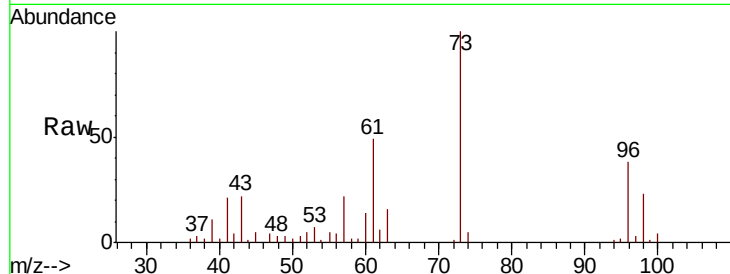




#19
Methyl tert-butyl Ether
Concen: 18.848 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

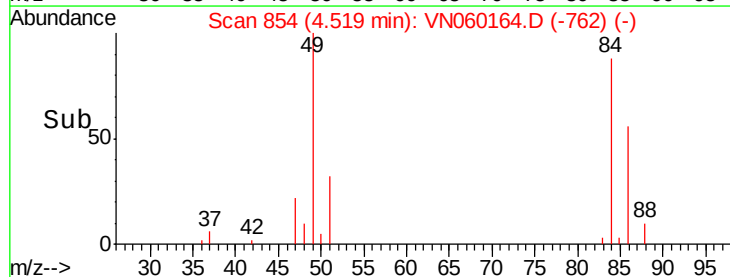
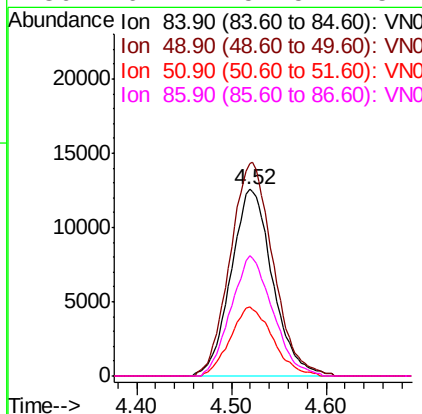
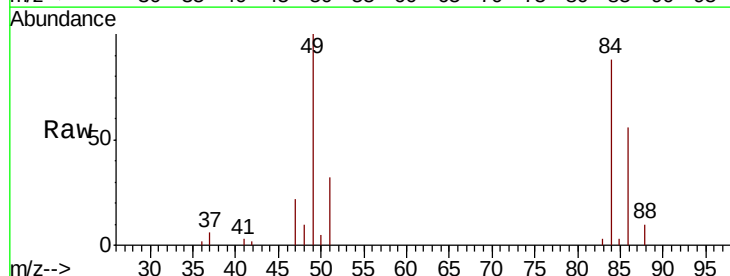
Instrument :
MSVOA_N
ClientSampleId :

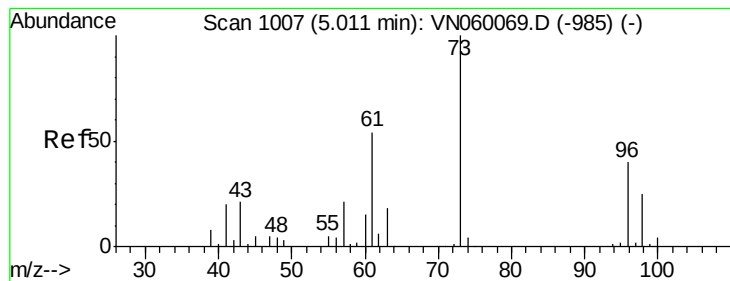
Tot Ion: 73 Resp: 113700
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 19.168 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 84 Resp: 38511
Ion Ratio Lower Upper
84 100
49 114.0 93.4 140.0
51 36.8 28.4 42.6
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.886 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampled :

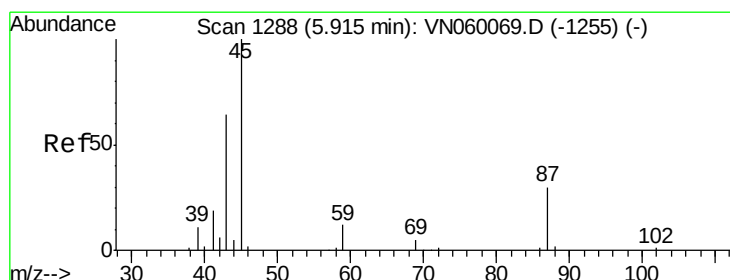
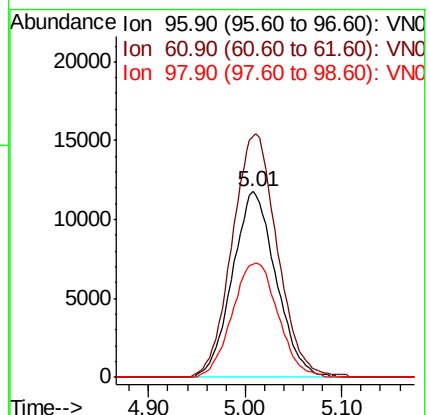
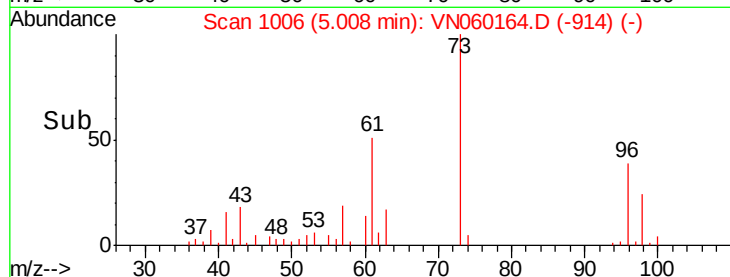
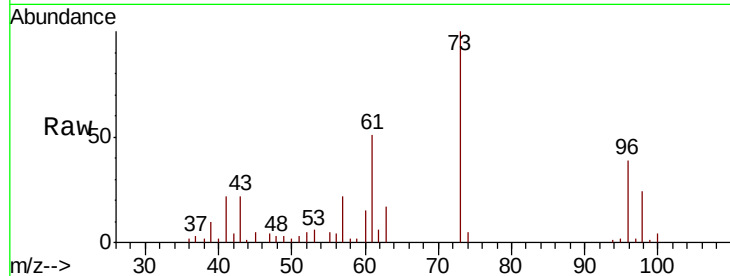
Tot Ion: 96 Resp: 36931

Ion Ratio Lower Upper

96 100

61 130.0 109.3 163.9

98 61.0 51.0 76.6



#22

Diisopropyl ether

Concen: 19.185 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Tgt Ion: 45 Resp: 111010

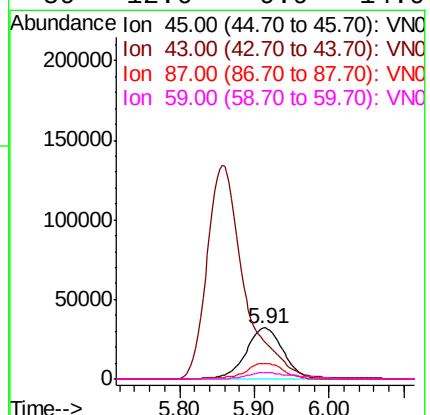
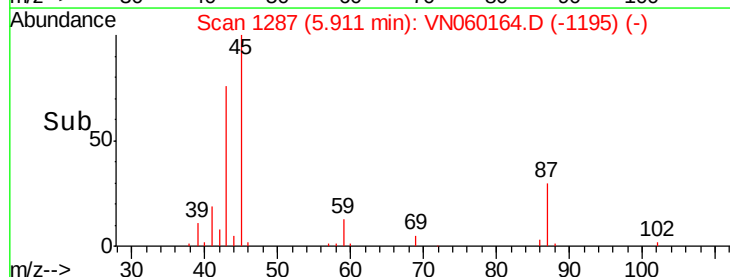
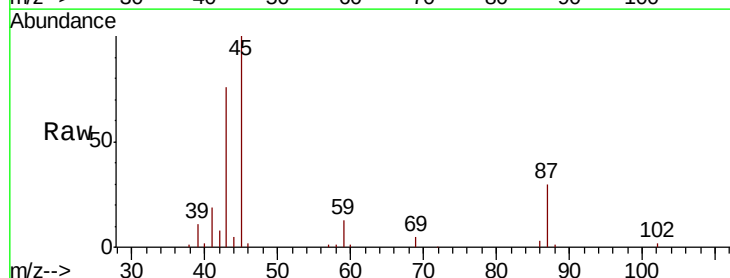
Ion Ratio Lower Upper

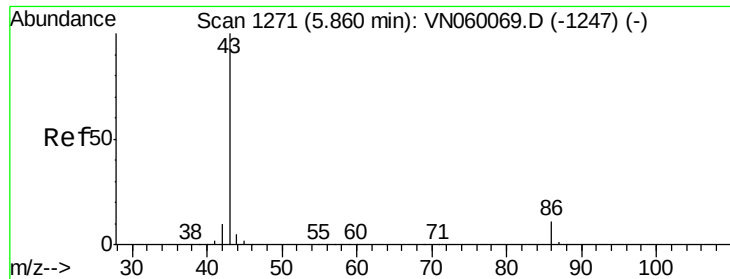
45 100

43 74.0 55.9 83.9

87 30.2 24.5 36.7

59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 95.368 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

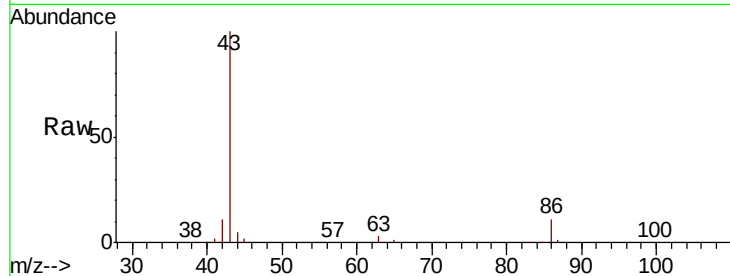
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 463419

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN060069.D (-1247) (-)

5.86

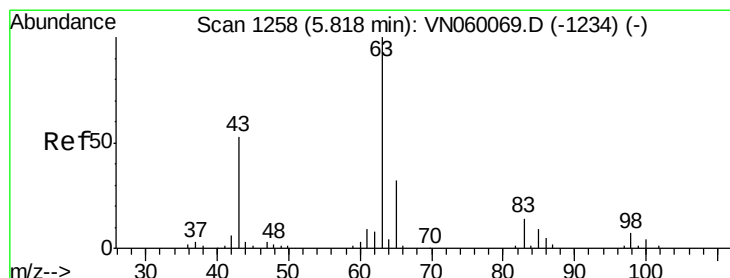
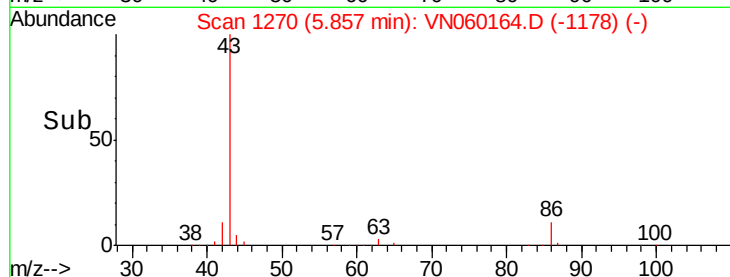
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.324 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

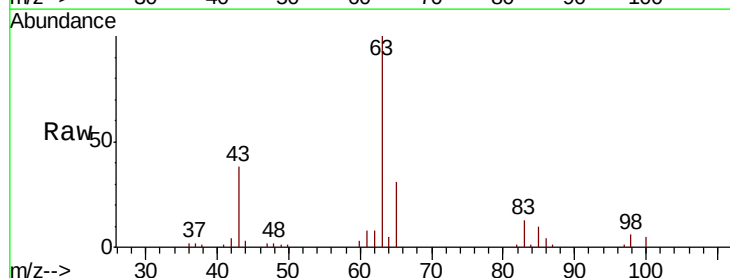
Tgt Ion: 63 Resp: 67739

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN060069.D (-1234) (-)

5.82

30000

25000

20000

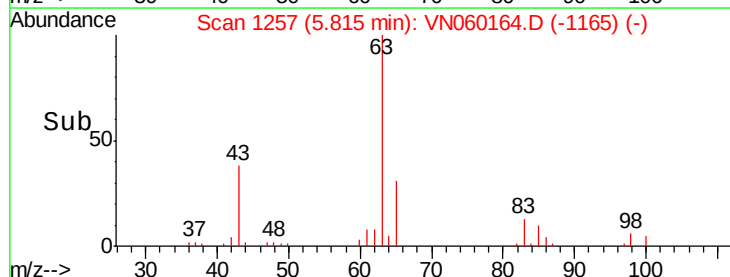
15000

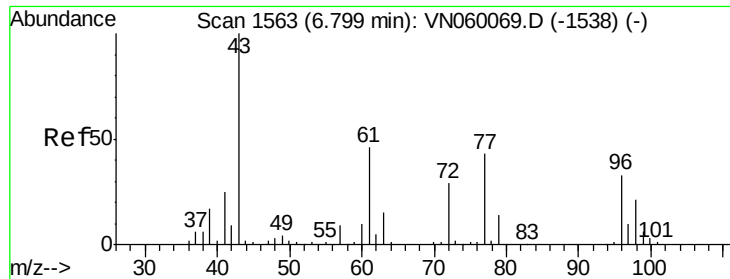
10000

5000

0

Time-->





#25

2-Butanone

Concen: 90.124 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

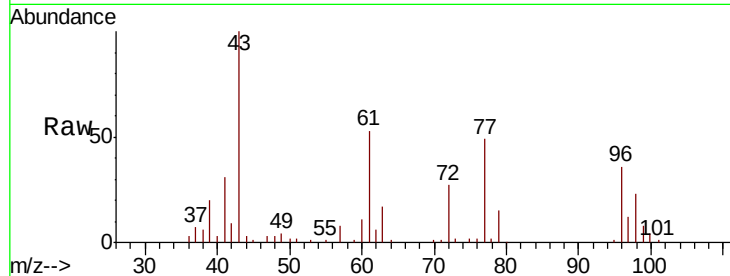
ClientSampled :

Tot Ion: 43 Resp: 114147

Ion Ratio Lower Upper

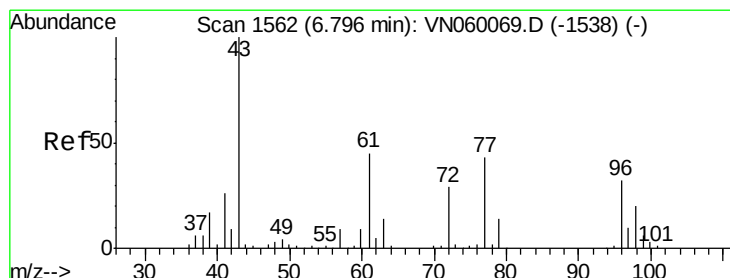
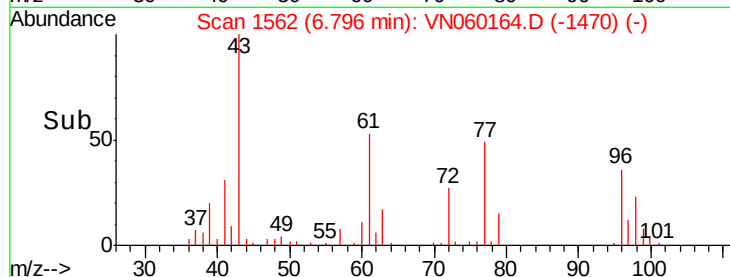
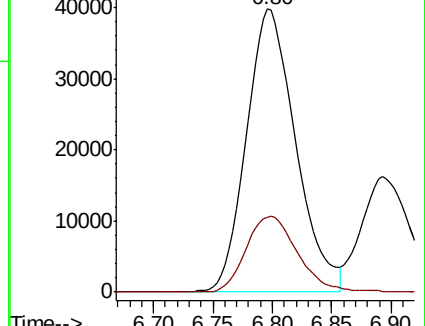
43 100

72 26.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)



#26

2,2-Dichloropropane

Concen: 19.122 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060164.D

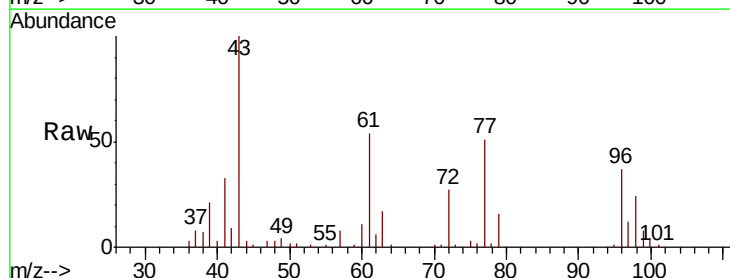
Acq: 20 Feb 2020 11:33

Tgt Ion: 77 Resp: 63666

Ion Ratio Lower Upper

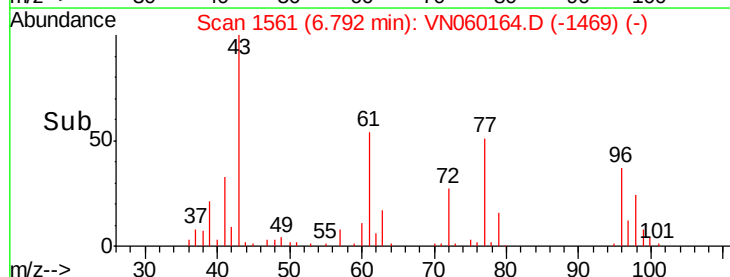
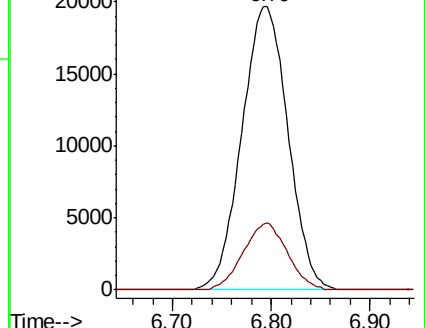
77 100

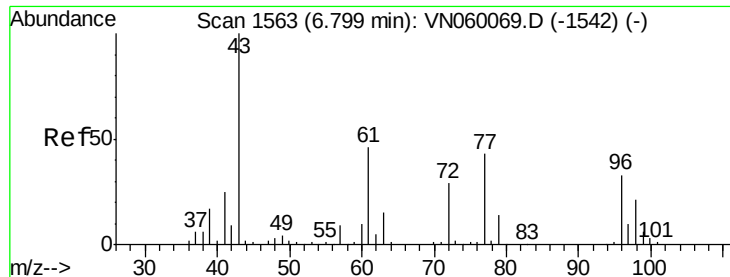
97 22.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.694 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

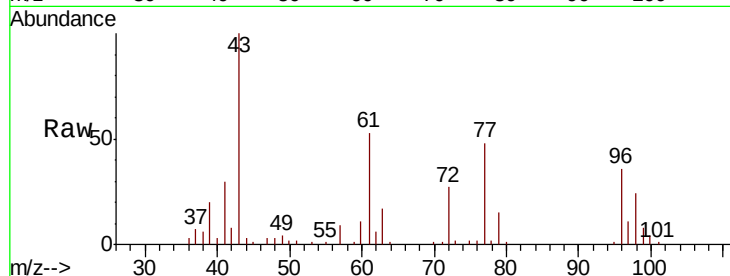
Tot Ion: 96 Resp: 42780

Ion Ratio Lower Upper

96 100

61 146.5 0.0 285.8

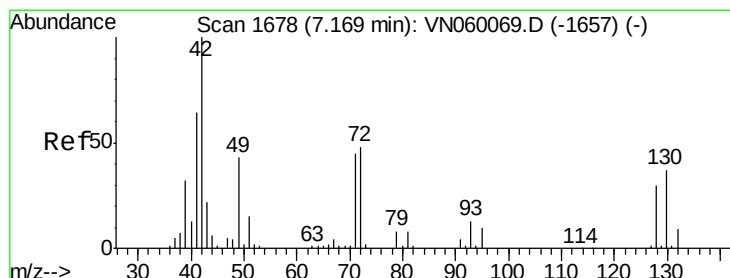
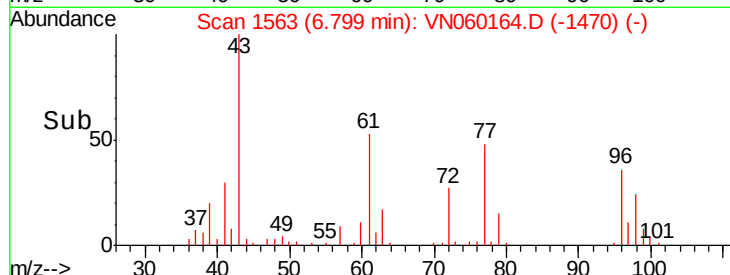
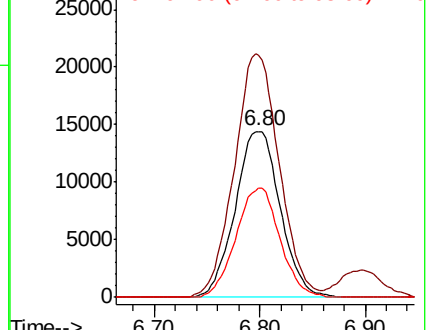
98 64.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN060164.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060164.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060164.D (-1470) (-)



#28

Bromochloromethane

Concen: 19.288 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

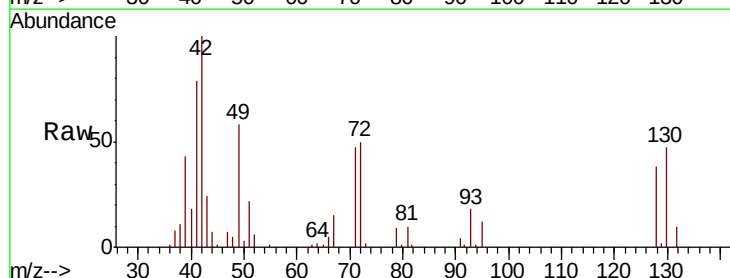
Tgt Ion: 49 Resp: 26580

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.2

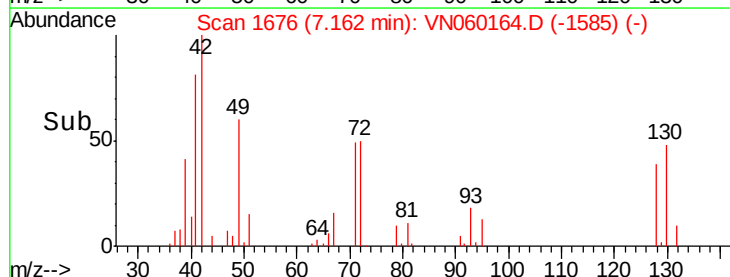
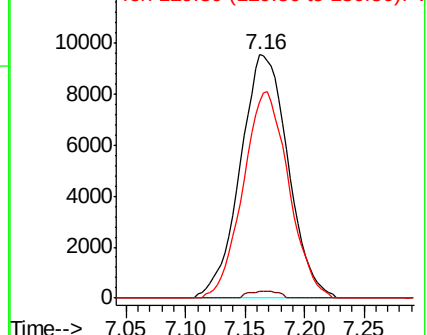
130 80.8 66.8 100.2

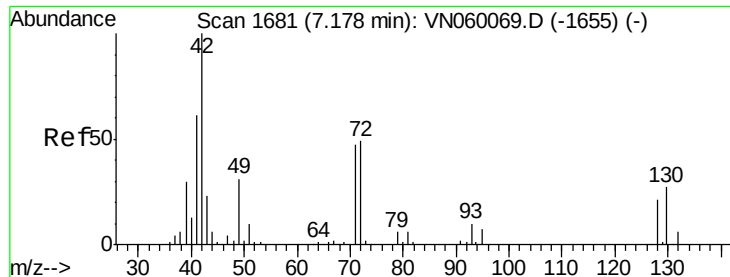


Abundance Ion 48.90 (48.60 to 49.60): VN060164.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060164.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060164.D (-1585) (-)

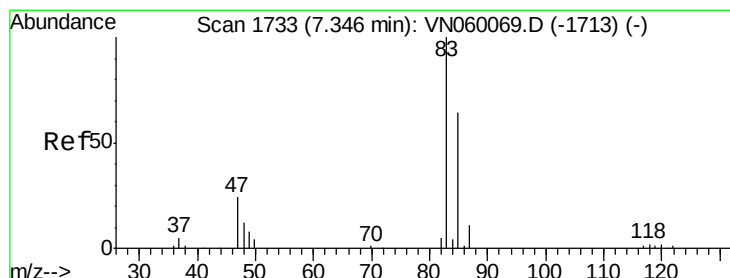
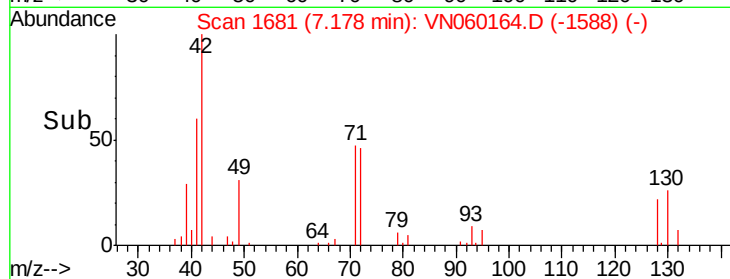
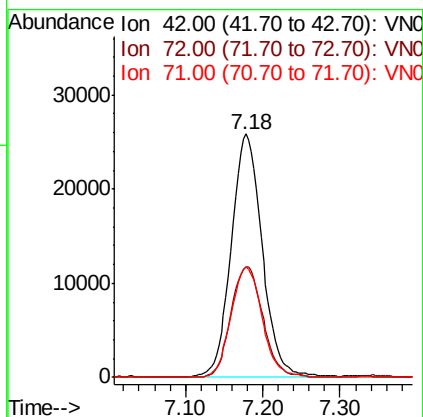
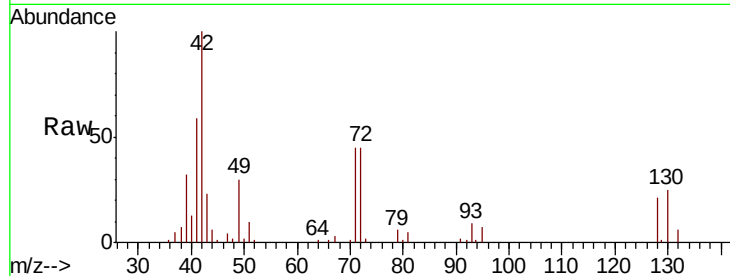




#29
Tetrahydrofuran
Concen: 92.659 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

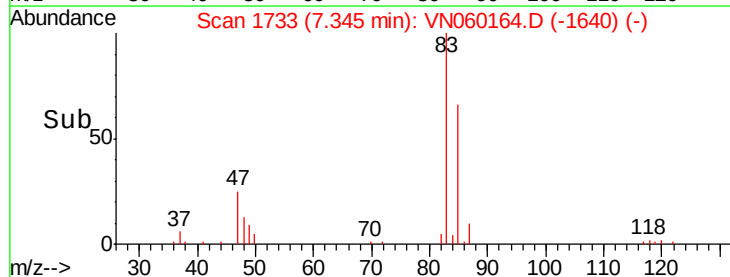
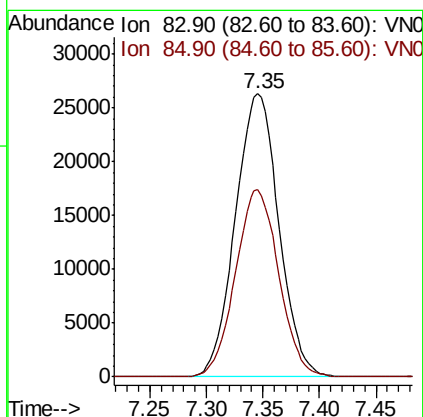
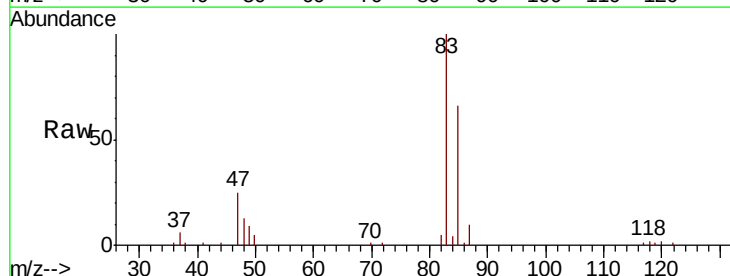
Instrument :
MSVOA_N
ClientSampled :

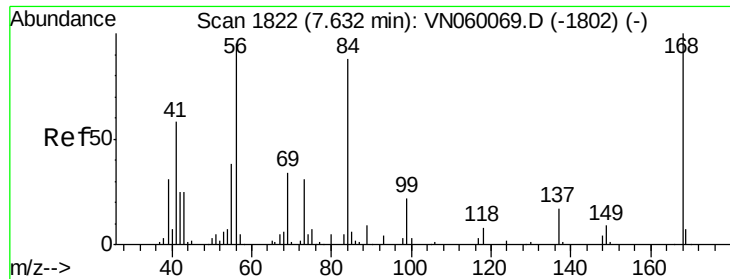
Tot Ion: 42 Resp: 71996
Ion Ratio Lower Upper
42 100
72 46.3 38.2 57.4
71 45.6 36.6 54.8



#30
Chloroform
Concen: 19.184 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 83 Resp: 70442
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0

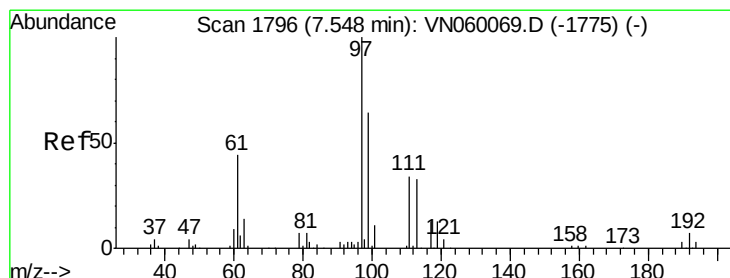
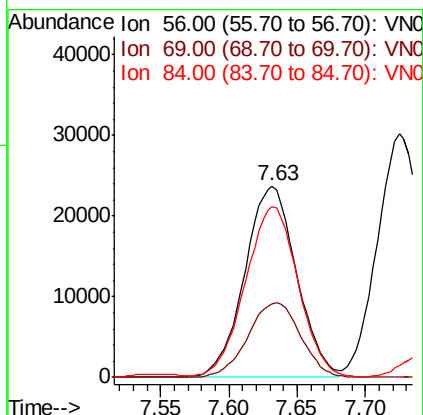
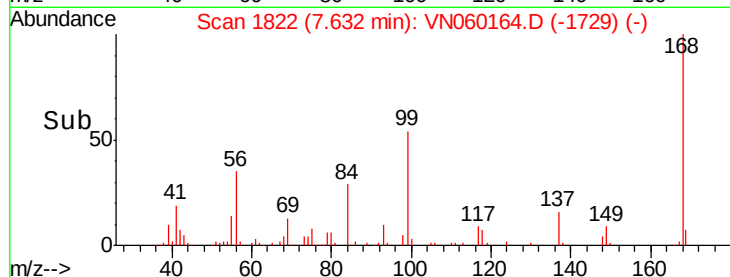
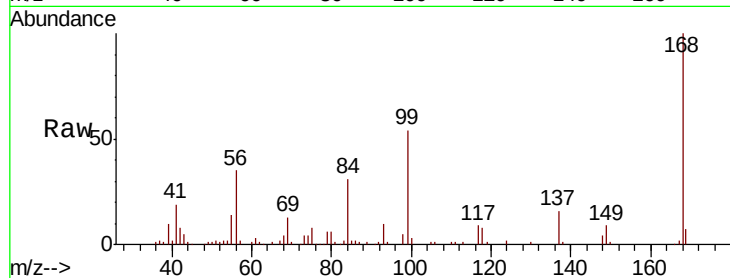




#31
Cyclohexane
Concen: 19.182 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

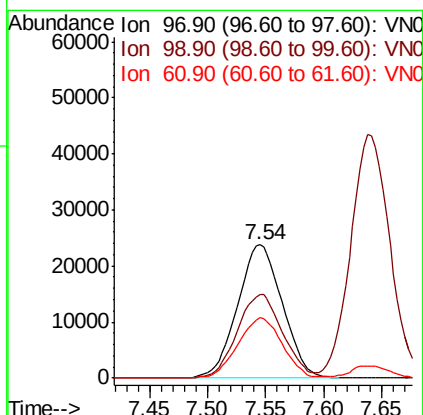
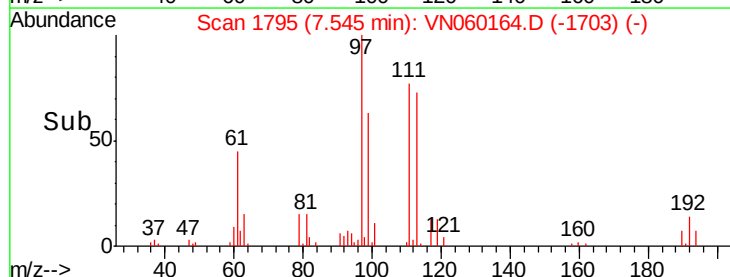
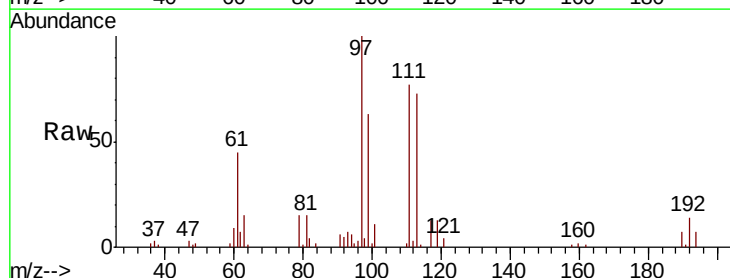
Instrument :
MSVOA_N
ClientSampleId :

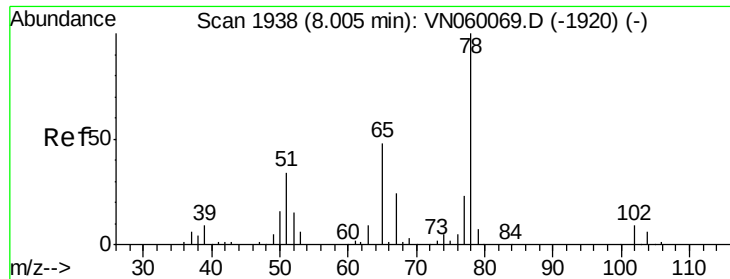
Tot Ion: 56 Resp: 62635
Ion Ratio Lower Upper
56 100
69 38.2 28.3 42.5
84 87.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.018 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 97 Resp: 63816
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 45.2 34.9 52.3

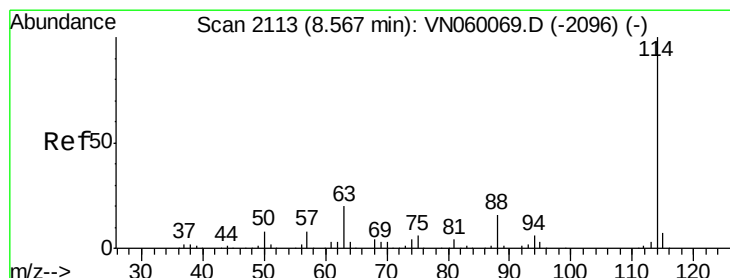
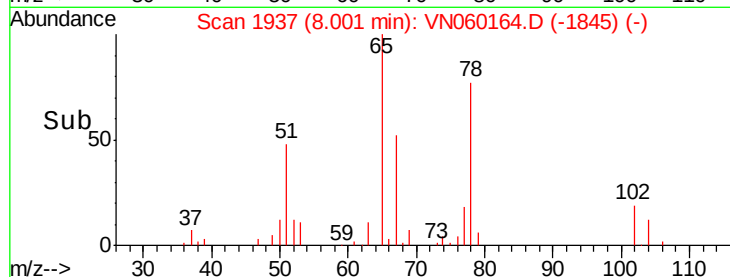
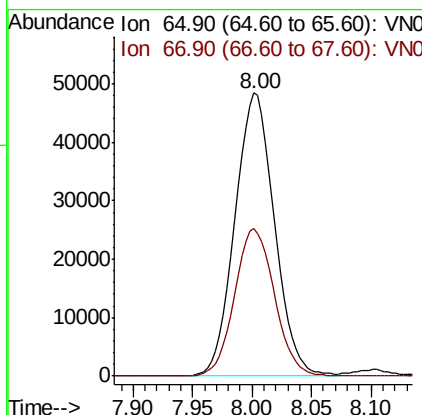
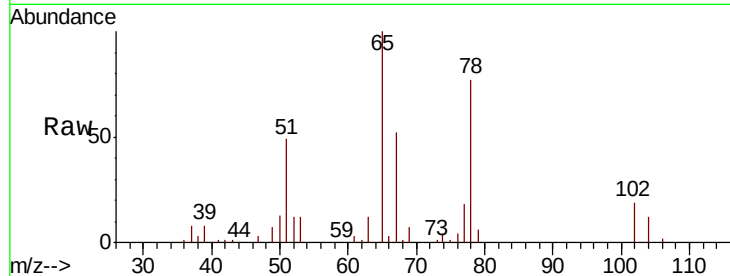




#33
 1,2-Dichloroethane-d4
 Concen: 48.403 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

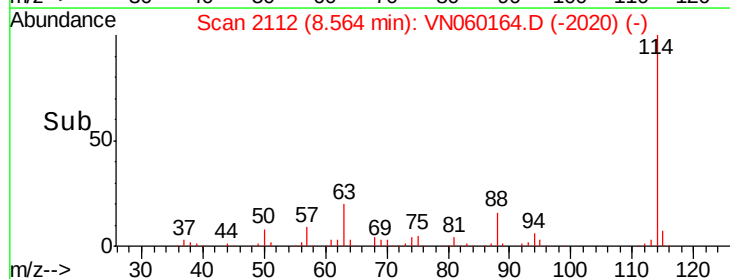
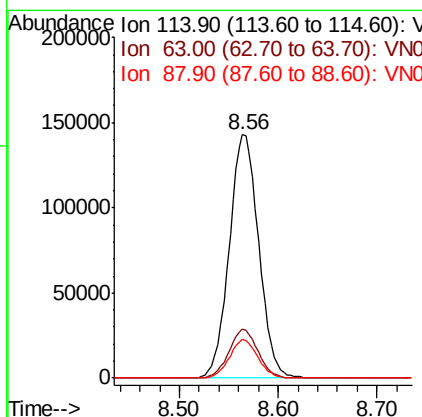
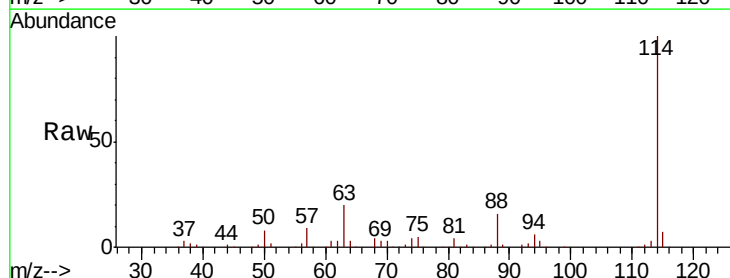
Instrument :
 MSVOA_N
 ClientSampleId :

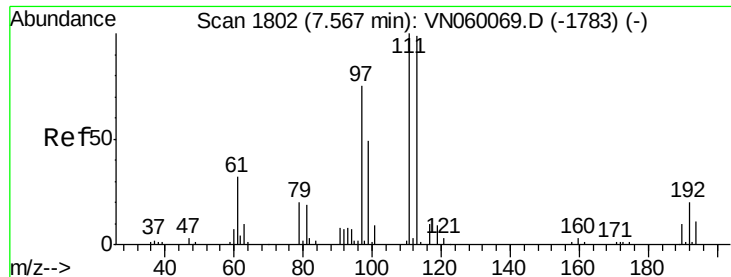
Tot Ion: 65 Resp: 111750
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion: 114 Resp: 297645
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.7 0.0 31.6

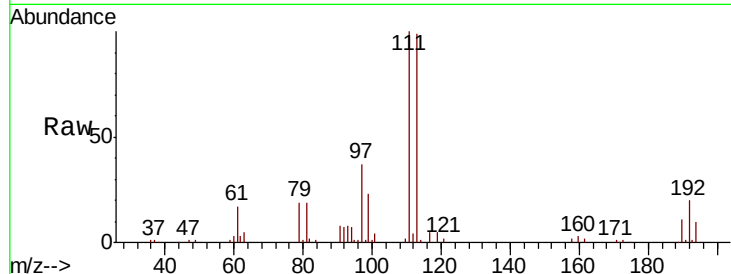




#35
 Dibromofluoromethane
 Concen: 48.953 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	20.7	16.2	24.2

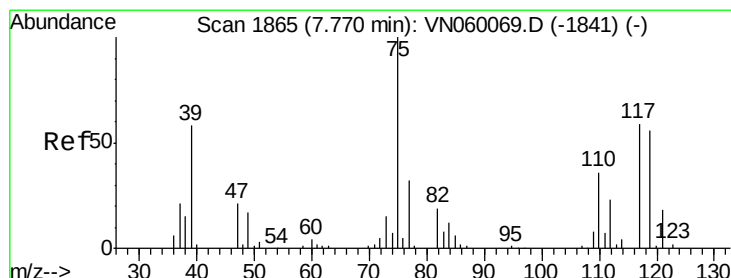
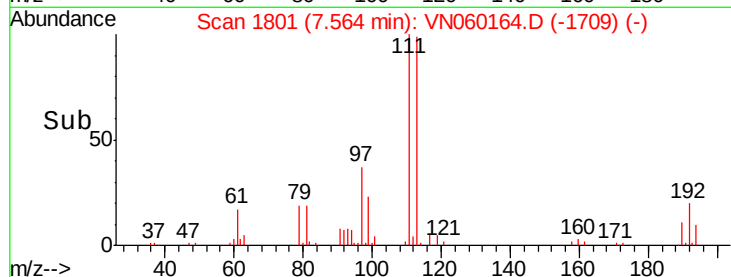
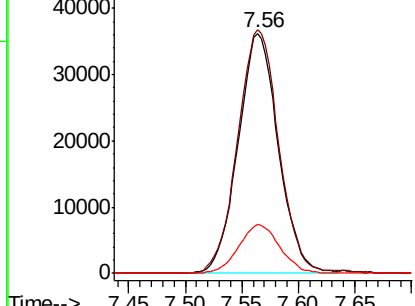


Abundance

Ion 112.80 (112.50 to 113.50): V

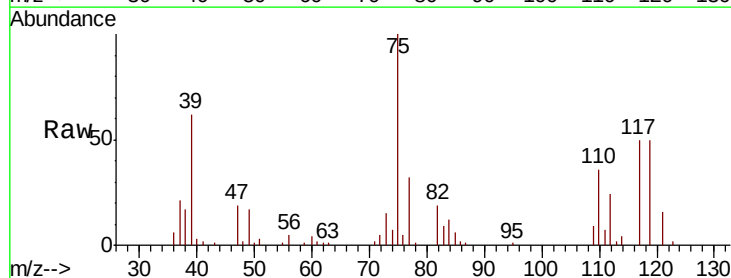
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.120 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.3
77	30.9	25.1	37.7

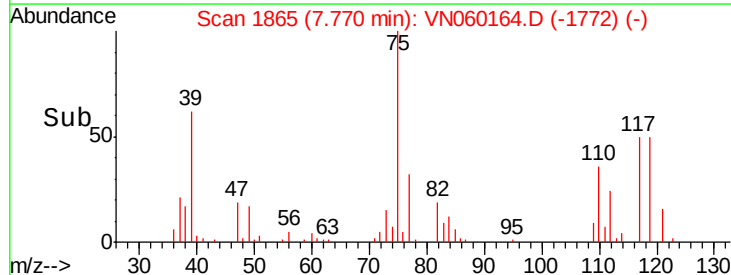
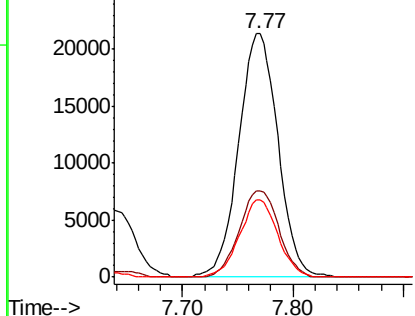


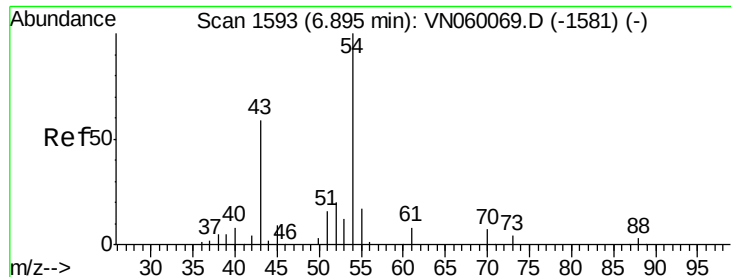
Abundance

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

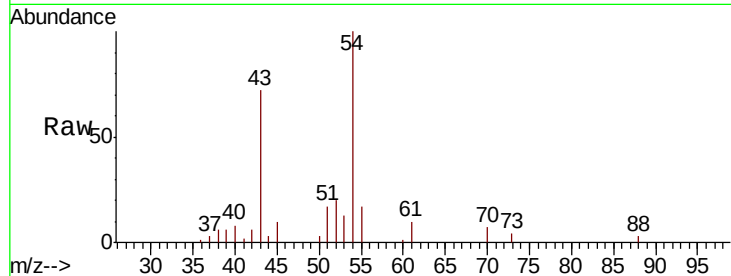




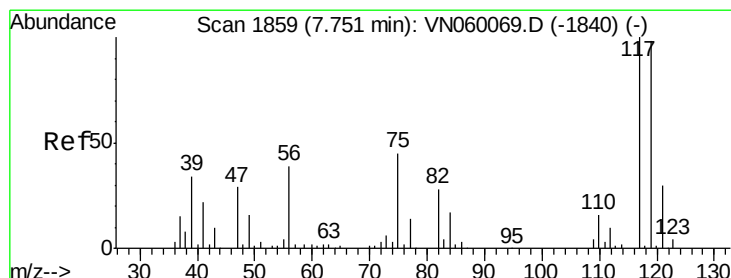
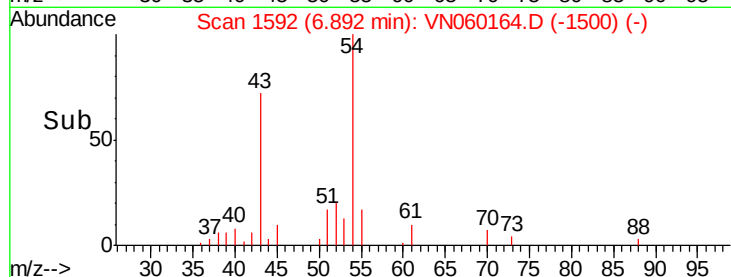
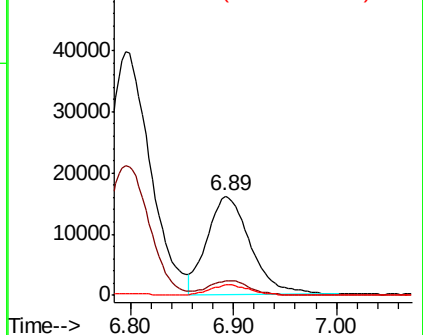
#37
Ethyl Acetate
Concen: 18.861 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 46994
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.2
70 9.9 8.7 13.1

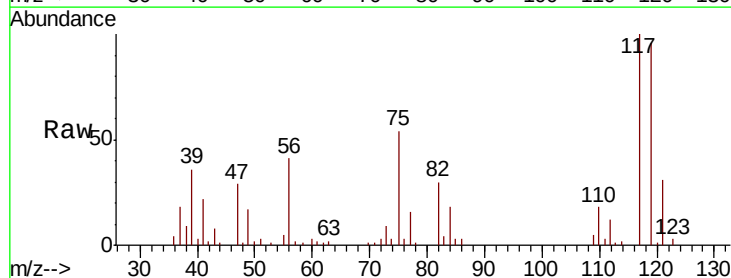


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

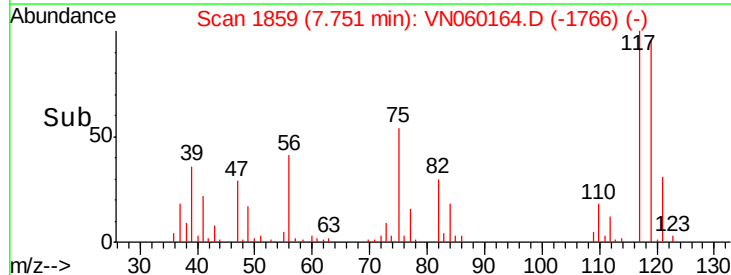
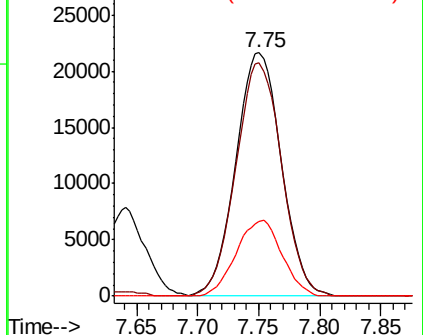


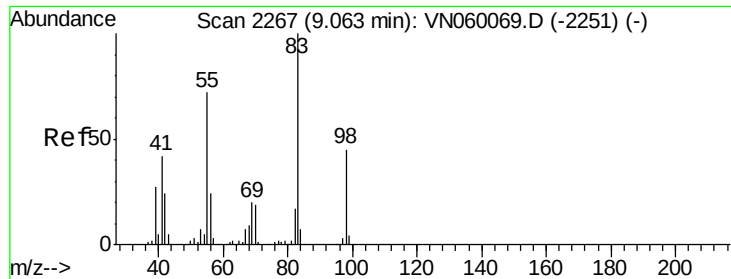
#38
Carbon Tetrachloride
Concen: 18.701 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 117 Resp: 55992
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
121 30.9 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

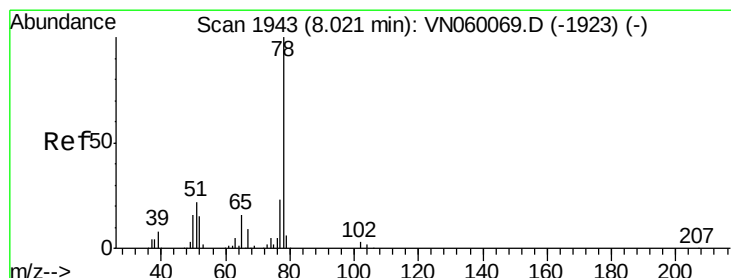
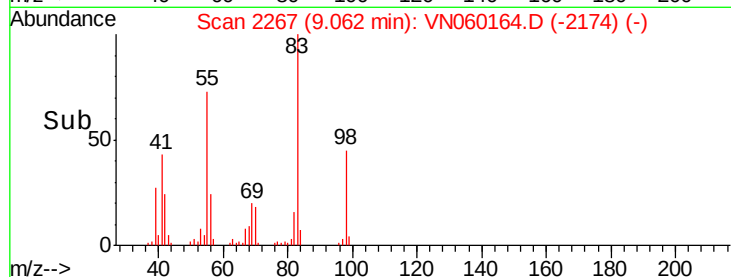
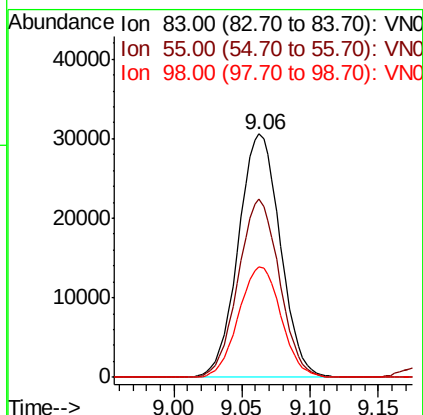
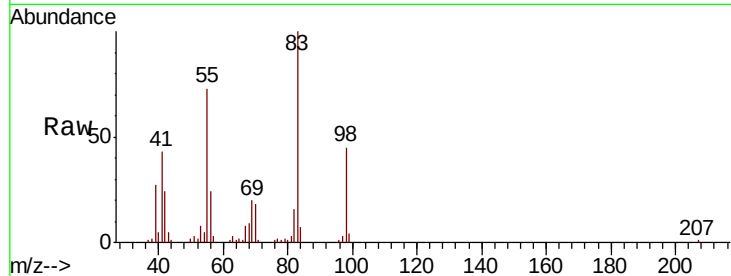




#39
Methylvlcyclohexane
Concen: 19.057 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

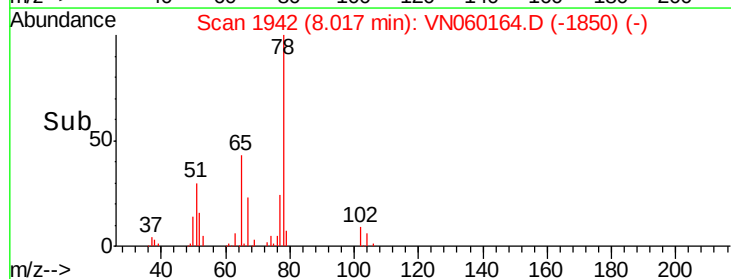
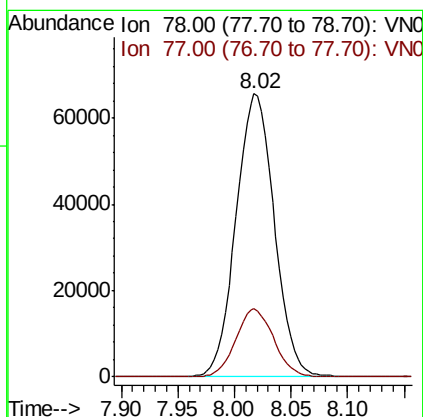
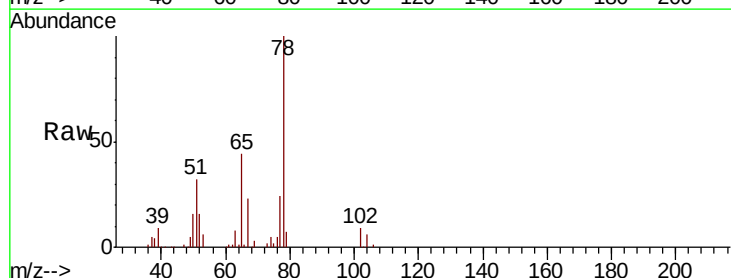
Instrument :
MSVOA_N
ClientSampled :

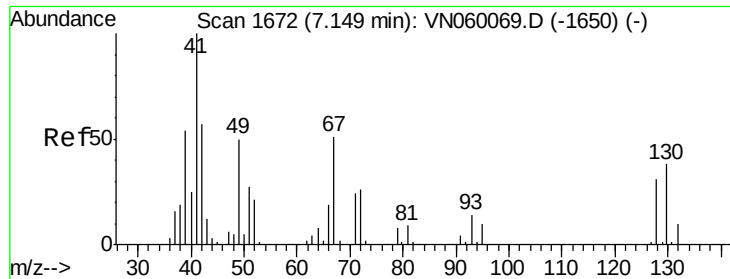
Tot Ion	83.00	Resp	65218
Ion	Ratio	Lower	Upper
83	100		
55	73.0	57.8	86.8
98	45.4	36.4	54.6



#40
Benzene
Concen: 18.927 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion	78.00	Resp	154789
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

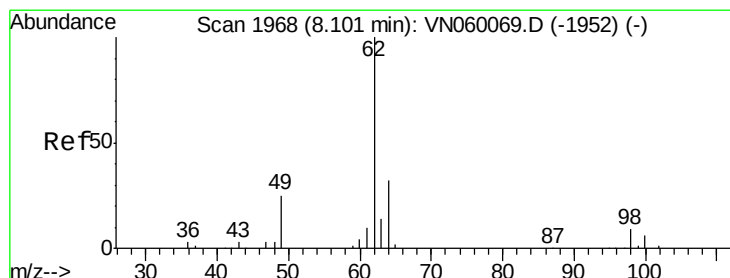
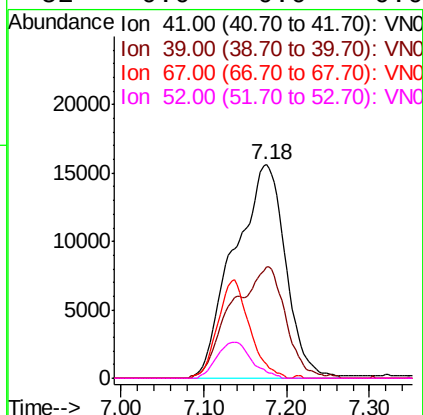
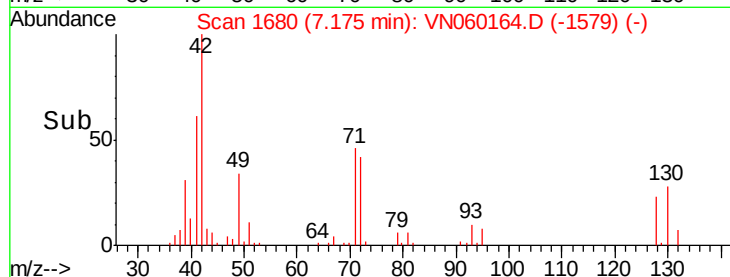
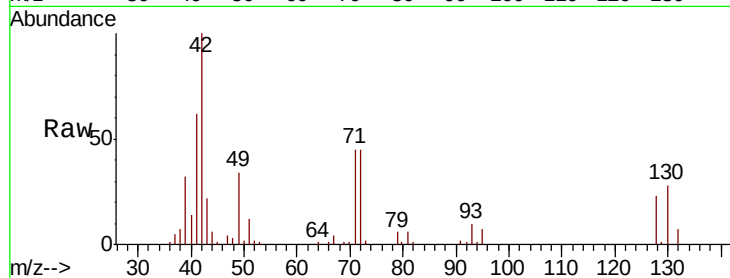




#41
Methacrylonitrile
Concen: 64.387 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

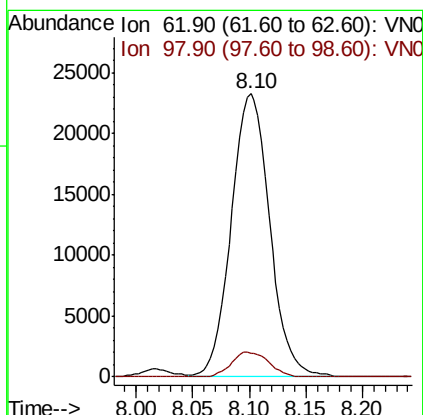
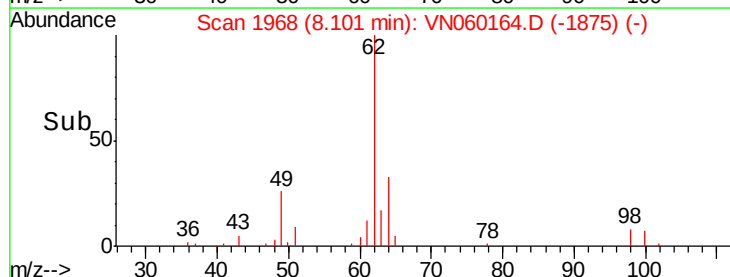
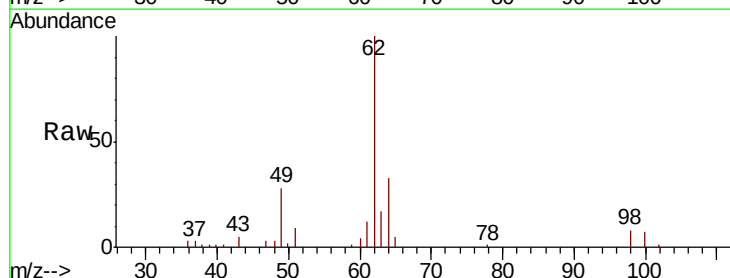
Instrument :
MSVOA_N
ClientSampled :

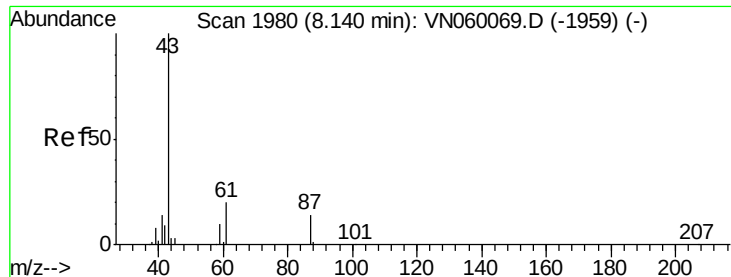
Tot Ion:	41	Resp:	67279
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.276 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion:	62	Resp:	55250
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.953 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

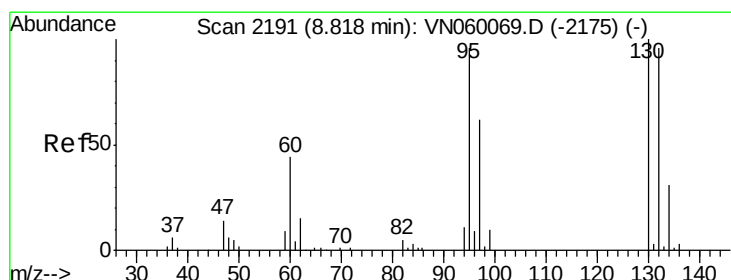
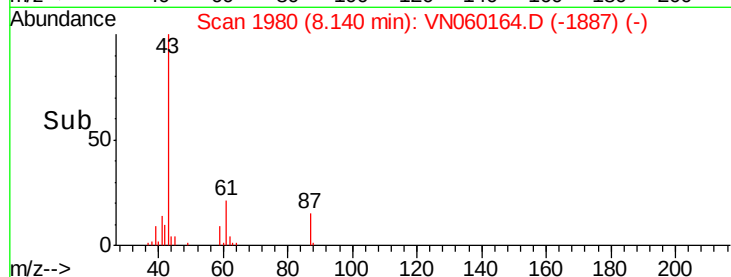
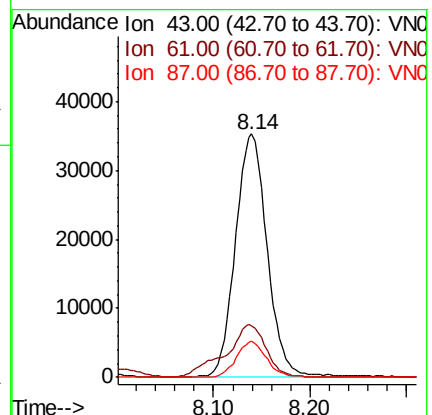
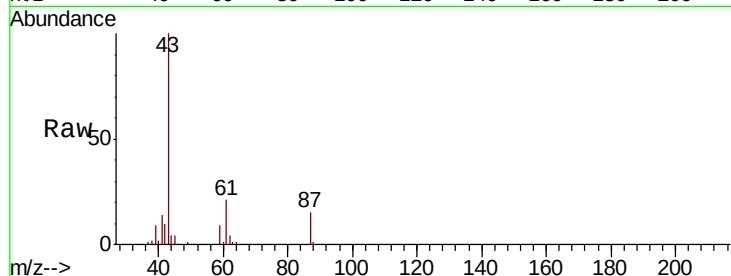
Tot Ion: 43 Resp: 80723

Ion Ratio Lower Upper

43 100

61 27.6 21.8 32.6

87 13.9 11.4 17.2



#44

Trichloroethene

Concen: 18.722 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060164.D

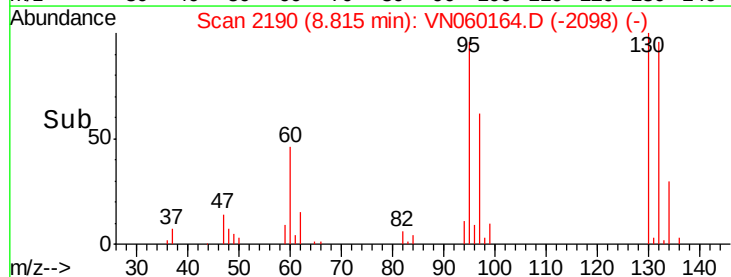
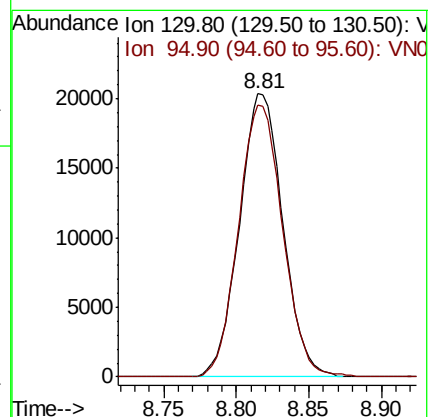
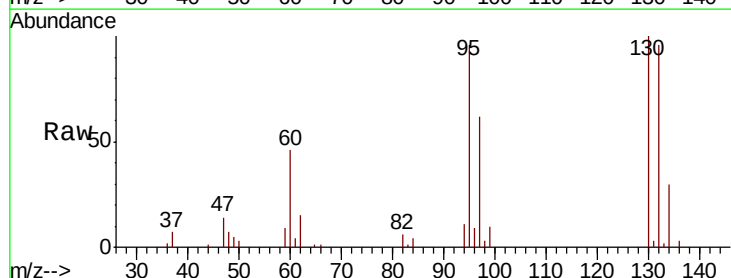
Acq: 20 Feb 2020 11:33

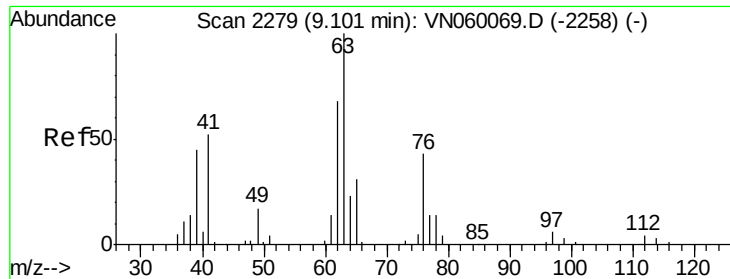
Tgt Ion:130 Resp: 42394

Ion Ratio Lower Upper

130 100

95 96.3 0.0 192.4





#45

1,2-Dichloropropane

Concen: 19.767 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

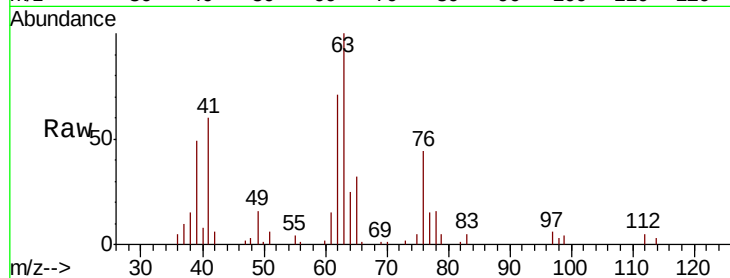
ClientSampleId :

Tot Ion: 63 Resp: 40022

Ion Ratio Lower Upper

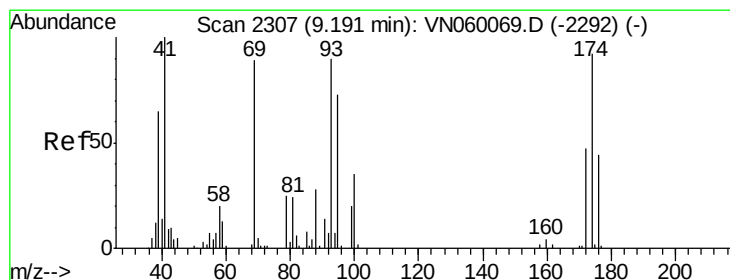
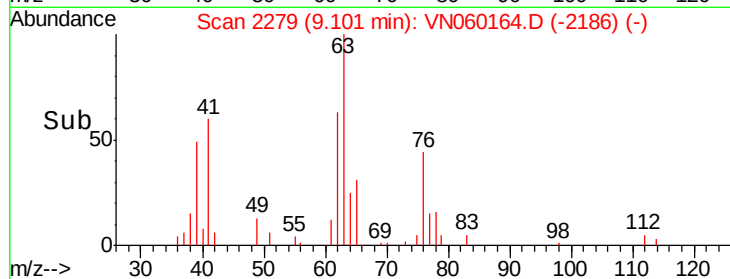
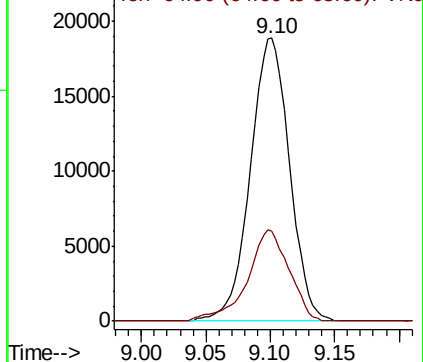
63 100

65 31.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN060164.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060164.D (-2258) (-)



#46

Dibromomethane

Concen: 18.889 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

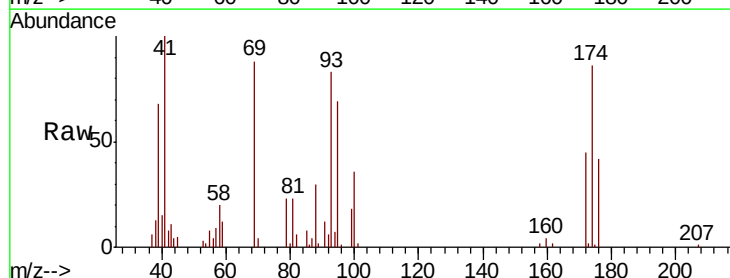
Tgt Ion: 93 Resp: 27026

Ion Ratio Lower Upper

93 100

95 85.7 65.0 97.6

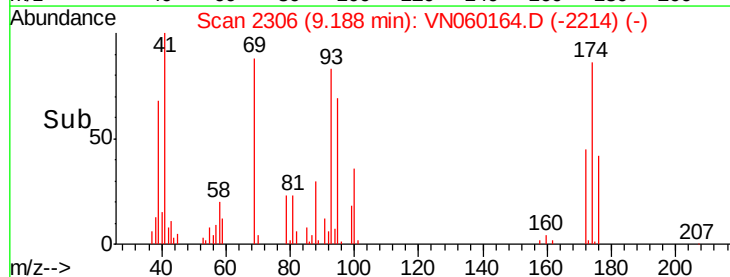
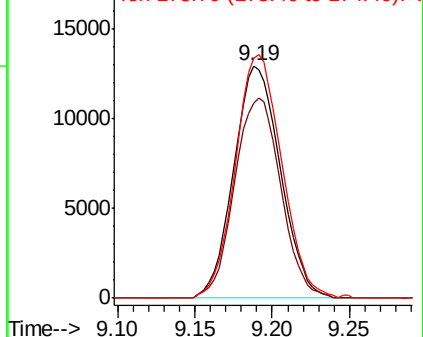
174 104.3 82.3 123.5

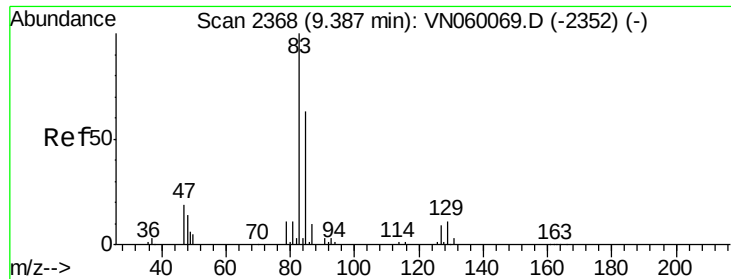


Abundance Ion 92.80 (92.50 to 93.50): VN060164.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060164.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060164.D (-2214) (-)

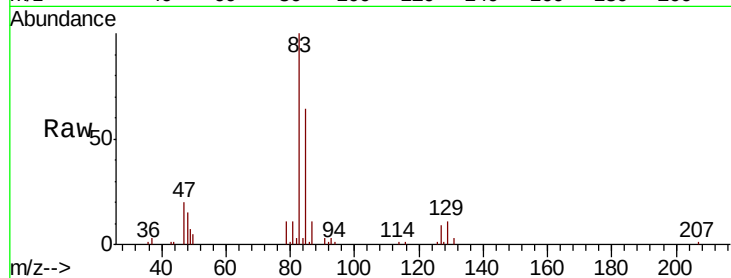




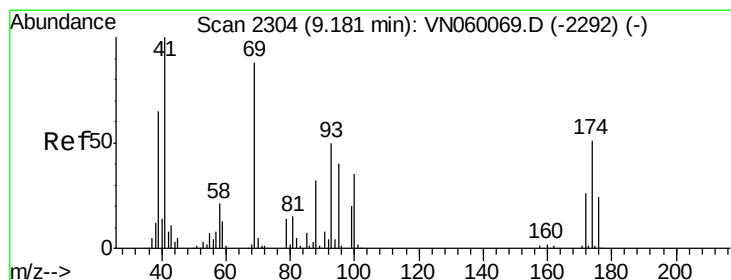
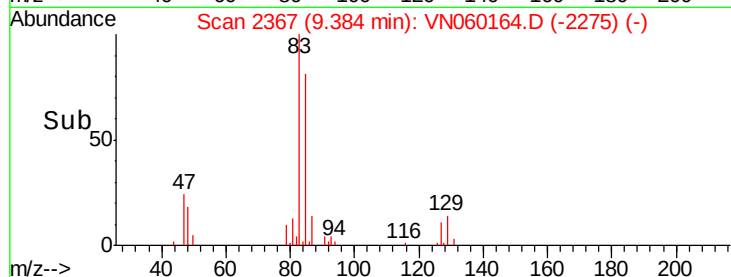
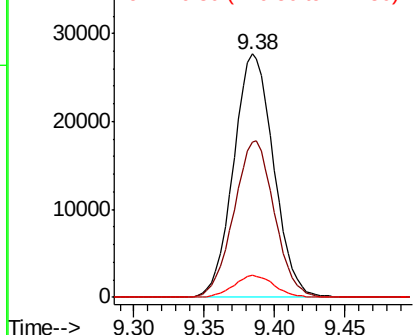
#47
Bromodichloromethane
Concen: 18.916 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 55023
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 8.9 7.0 10.6

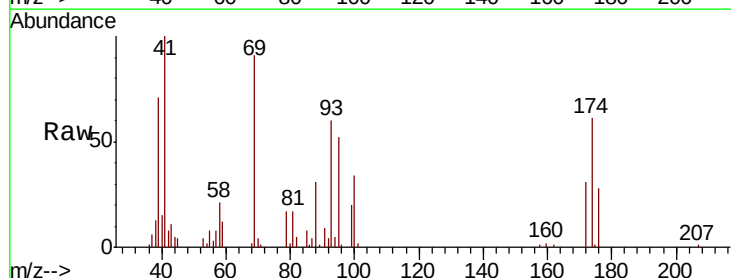


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

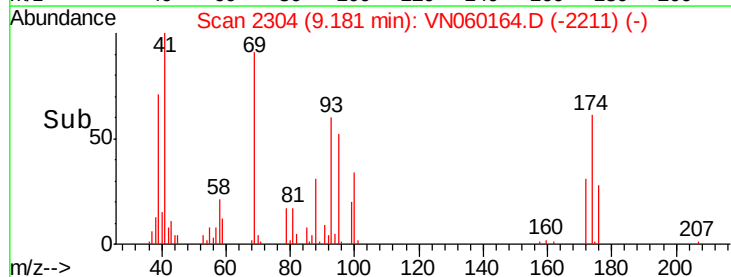
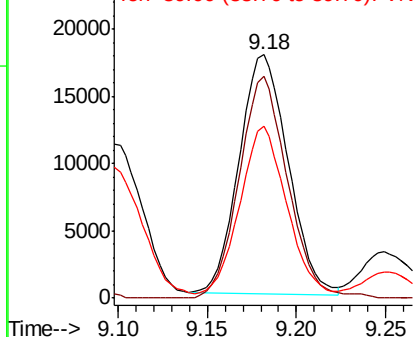


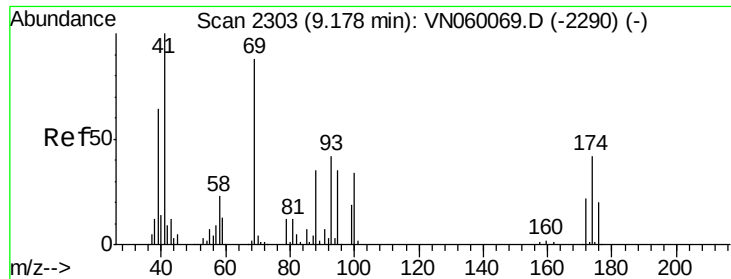
#48
Methyl methacrylate
Concen: 17.903 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 41 Resp: 34212
Ion Ratio Lower Upper
41 100
69 91.7 72.0 108.0
39 70.4 54.1 81.1



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

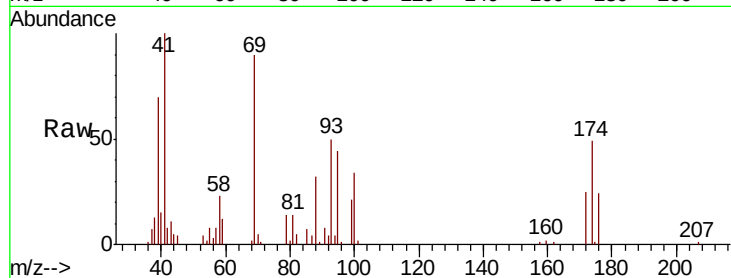




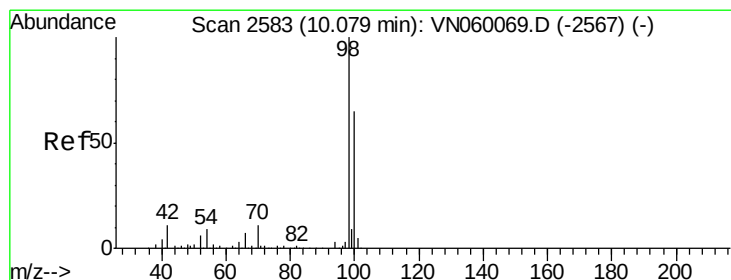
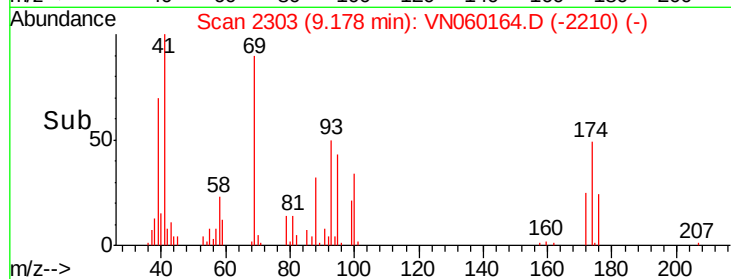
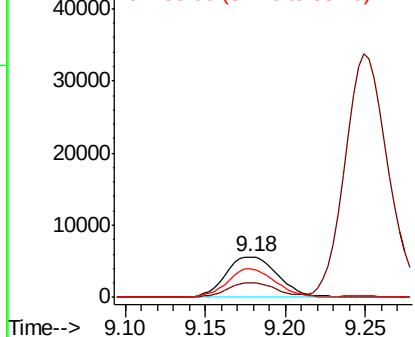
#49
1,4-Dioxane
Concen: 382.565 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 12491
Ion Ratio Lower Upper
88 100
43 33.7 26.2 39.2
58 65.2 53.2 79.8

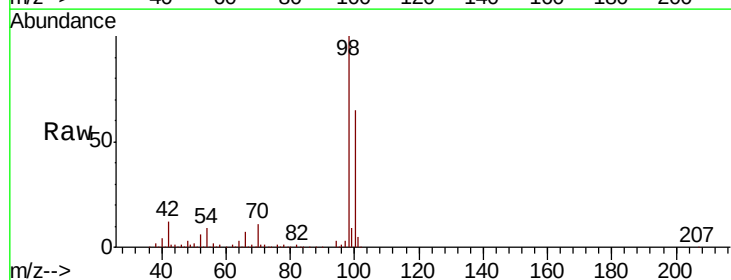


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

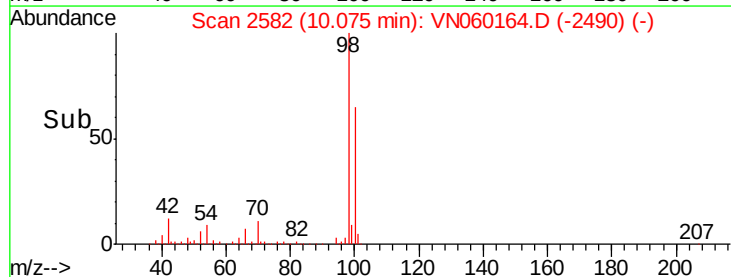
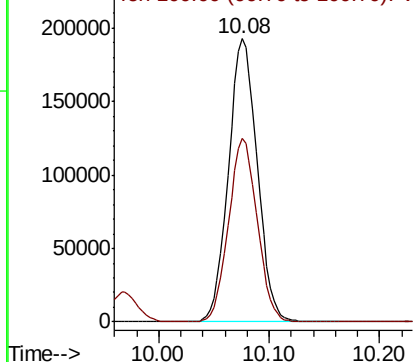


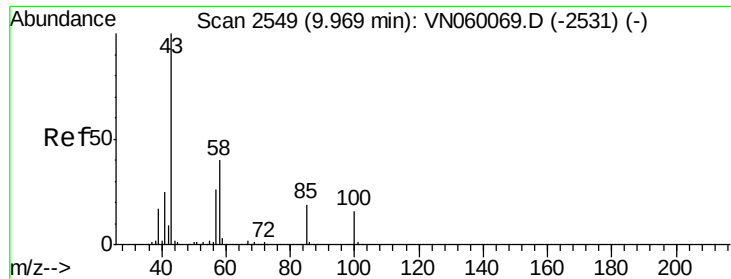
#50
Toluene-d8
Concen: 48.448 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 98 Resp: 349066
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



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

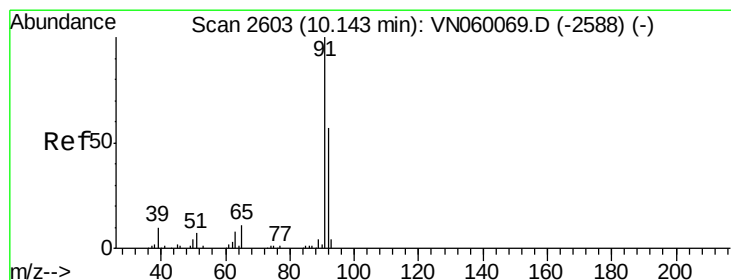
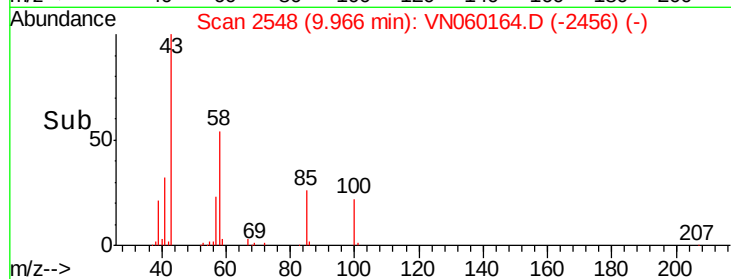
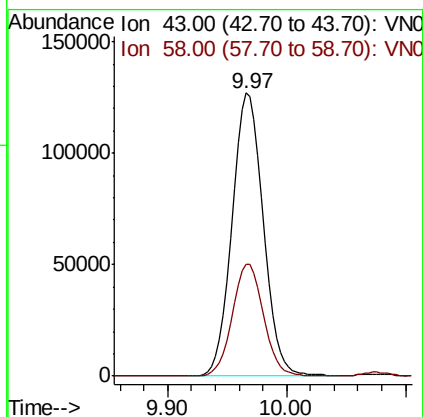
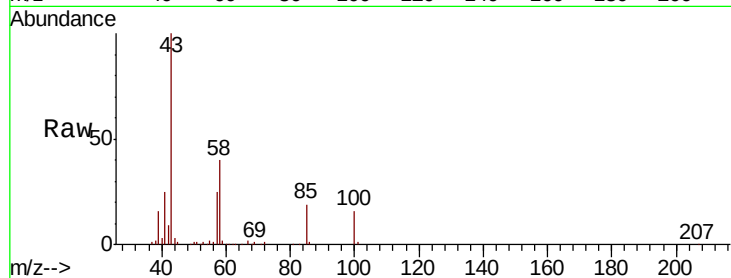




#51
4-Methyl-2-Pentanone
Concen: 93.750 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

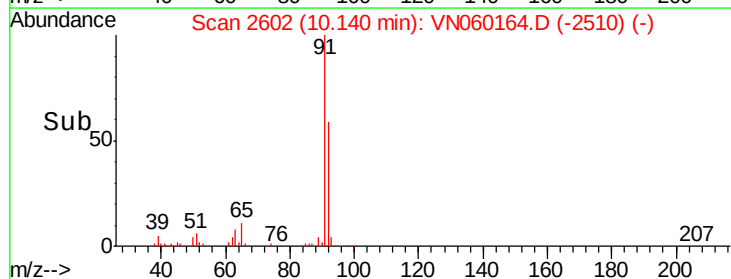
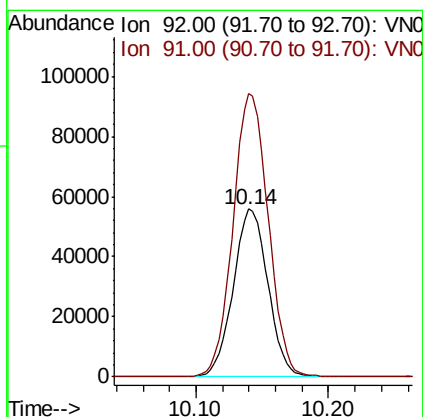
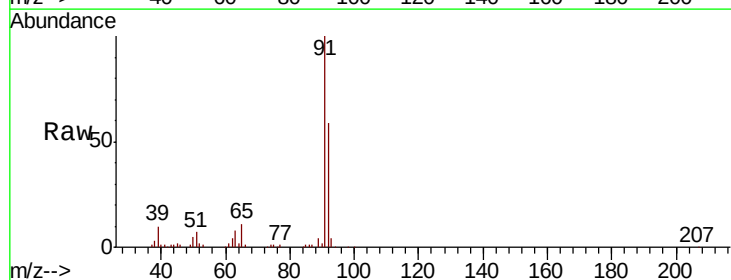
Instrument :
MSVOA_N
ClientSampled :

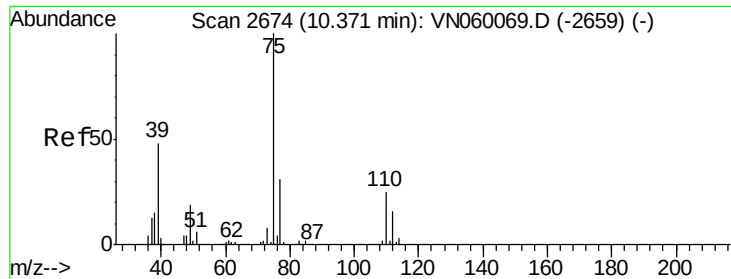
Tot Ion: 43 Resp: 231121
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.8



#52
Toluene
Concen: 19.353 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 92 Resp: 101490
Ion Ratio Lower Upper
92 100
91 171.6 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 19.069 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

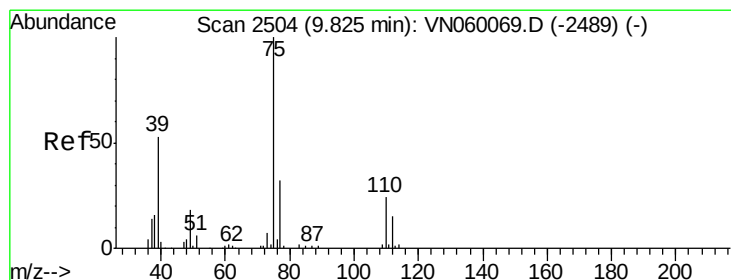
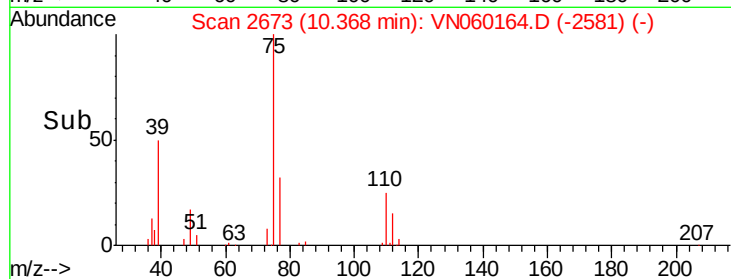
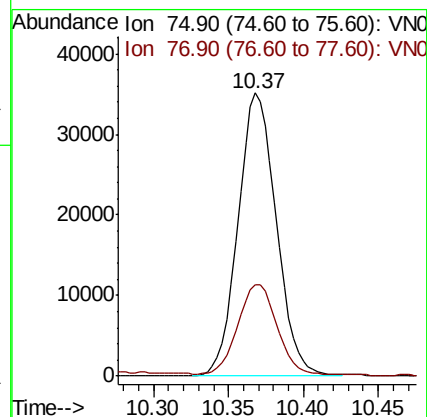
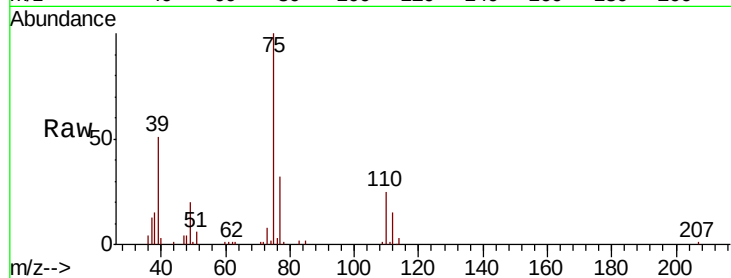
ClientSampleId :

Tot Ion: 75 Resp: 62613

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.956 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

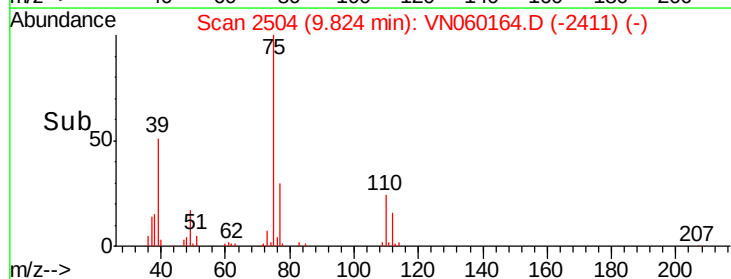
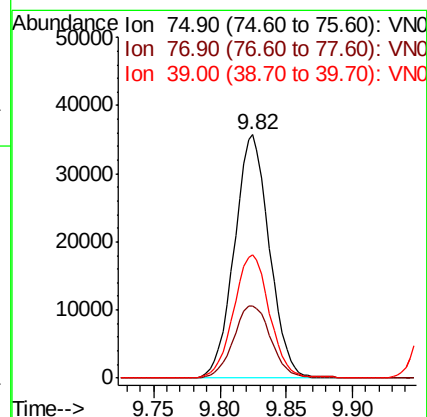
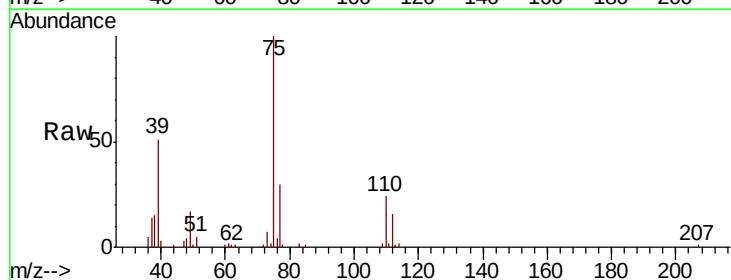
Tgt Ion: 75 Resp: 65542

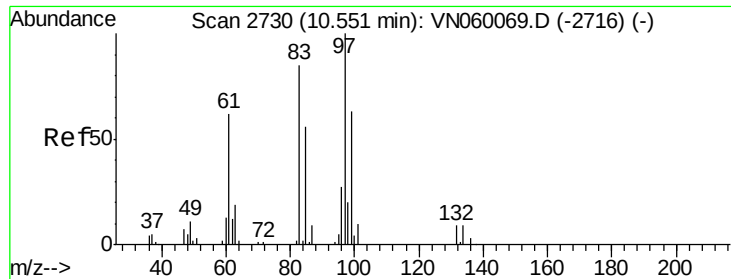
Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

39 50.8 42.2 63.4

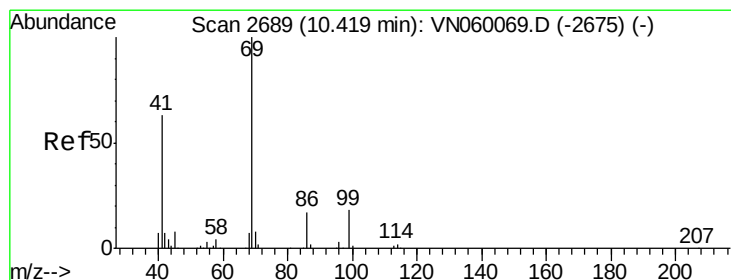
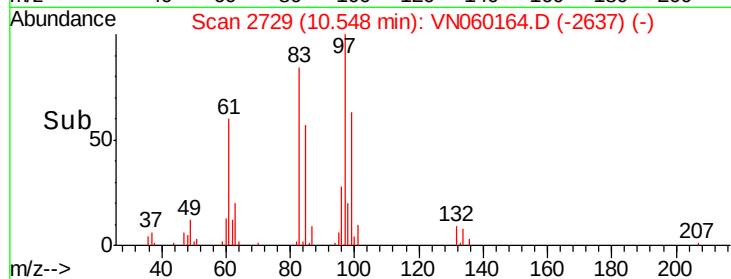
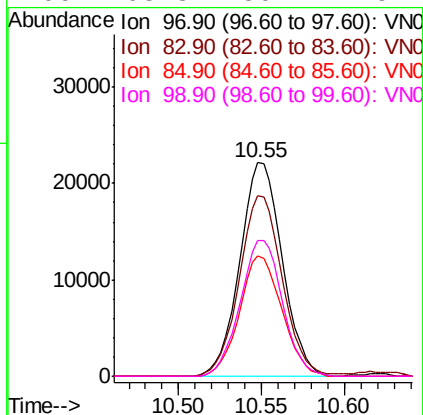
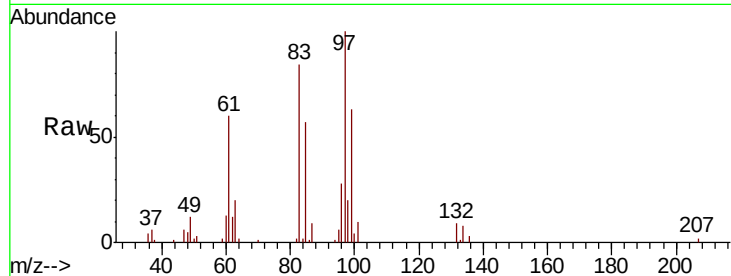




#55
 1,1,2-Trichloroethane
 Concen: 19.254 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

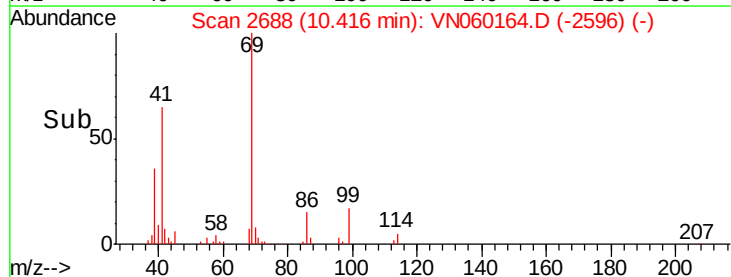
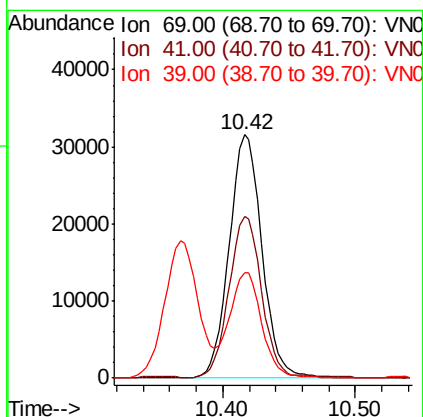
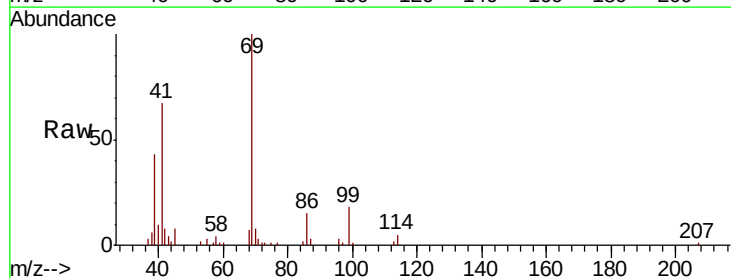
Instrument :
 MSVOA_N
 ClientSampleId :

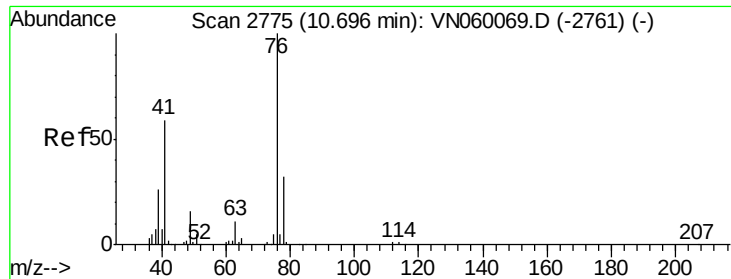
Tot Ion:	97	Resp:	39393
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.9	101.9
85	56.5	44.6	67.0
99	63.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.761 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion:	69	Resp:	54298
Ion	Ratio	Lower	Upper
69	100		
41	66.5	51.1	76.7
39	43.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.179 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

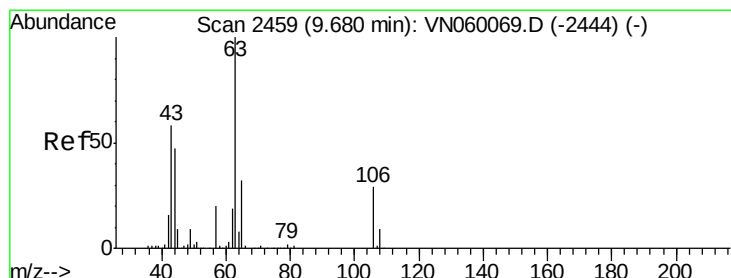
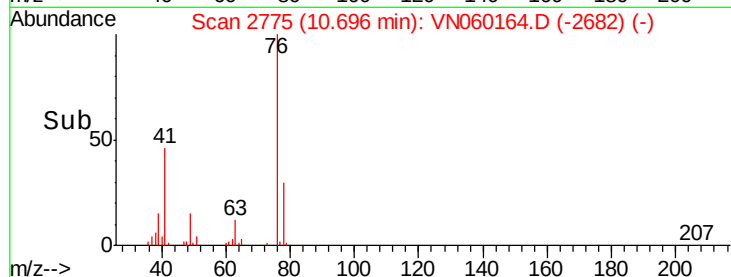
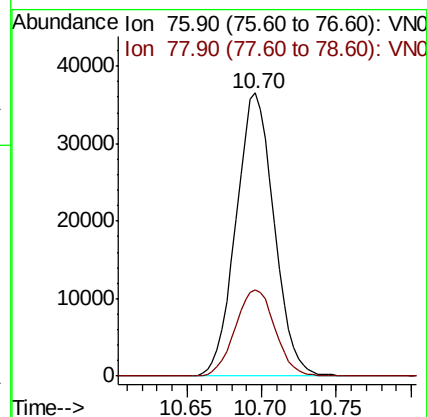
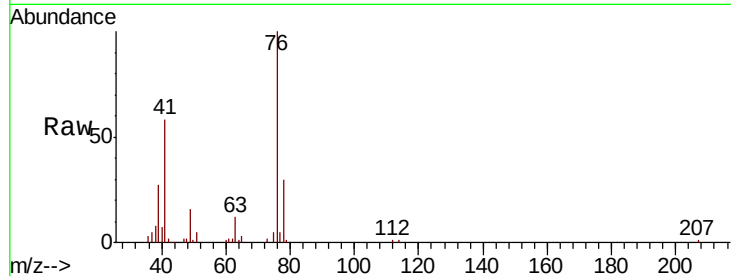
ClientSampled :

Tot Ion: 76 Resp: 64746

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 95.741 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060164.D

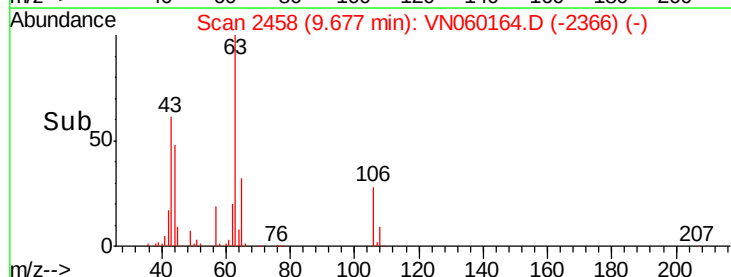
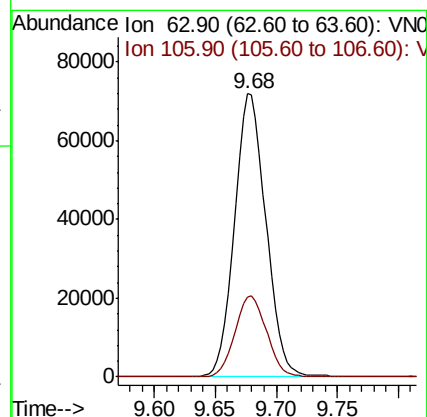
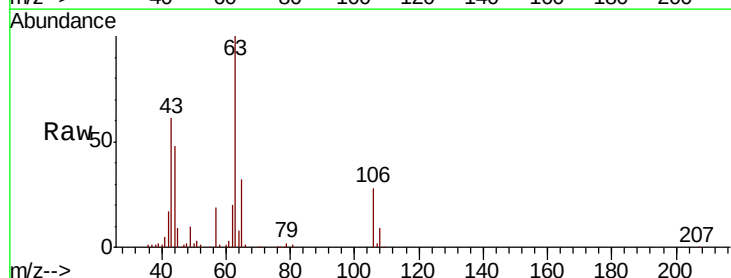
Acq: 20 Feb 2020 11:33

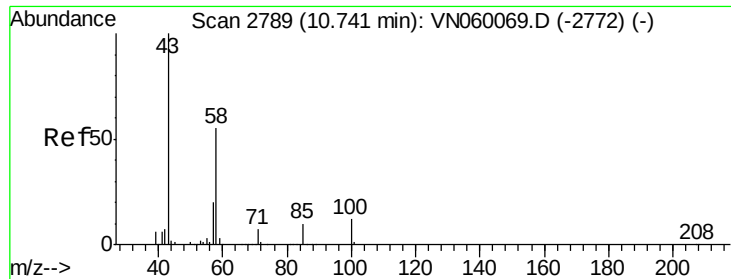
Tgt Ion: 63 Resp: 129091

Ion Ratio Lower Upper

63 100

106 28.7 22.9 34.3

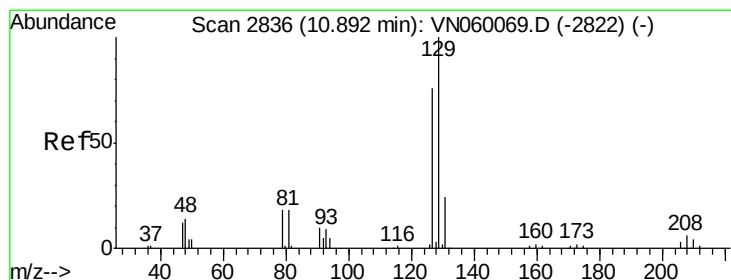
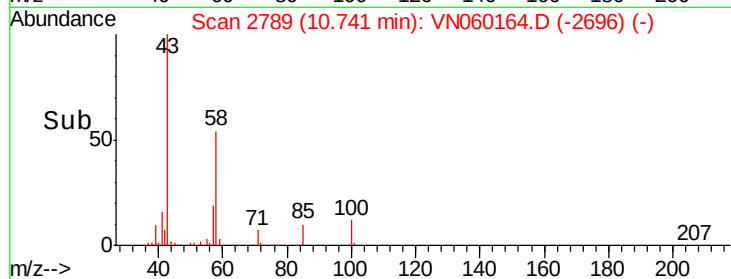
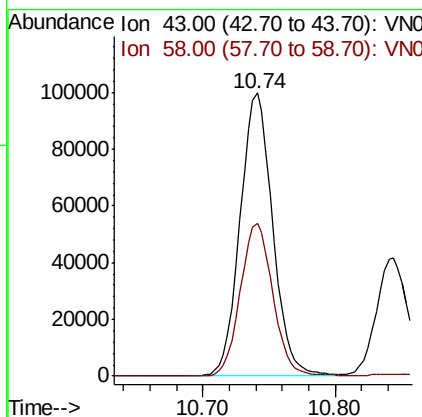
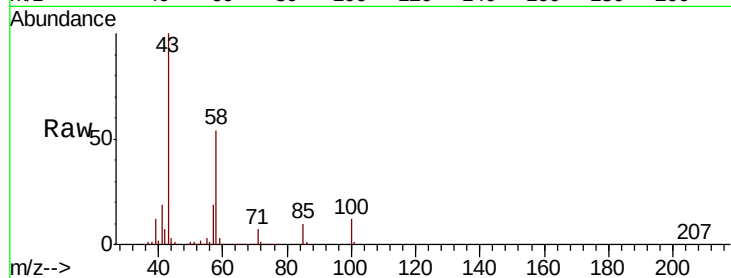




#59
2-Hexanone
Concen: 89.667 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

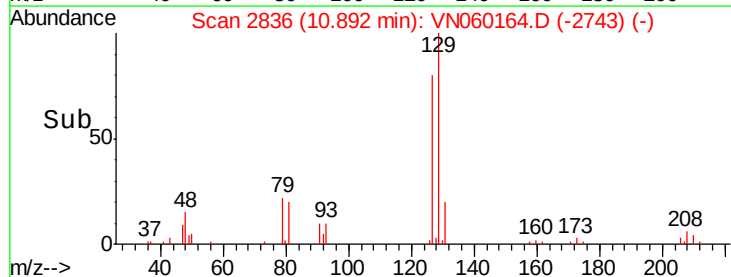
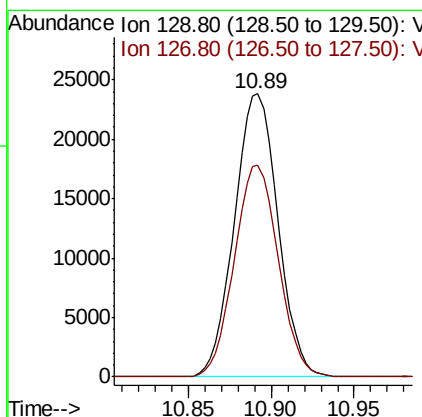
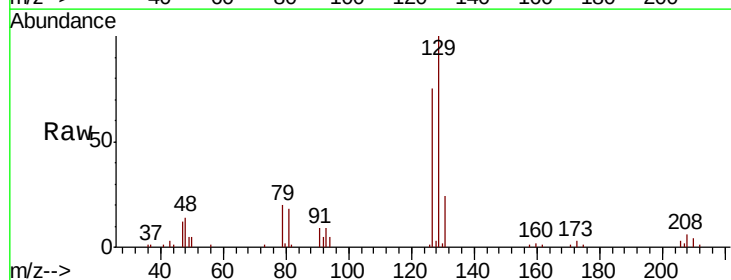
Instrument :
MSVOA_N
ClientSampled :

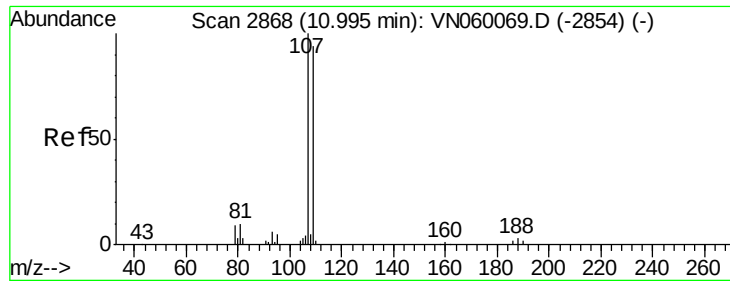
Tot Ion: 43 Resp: 170760
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4



#60
Dibromochloromethane
Concen: 18.552 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 129 Resp: 43557
Ion Ratio Lower Upper
129 100
127 75.5 38.0 114.1

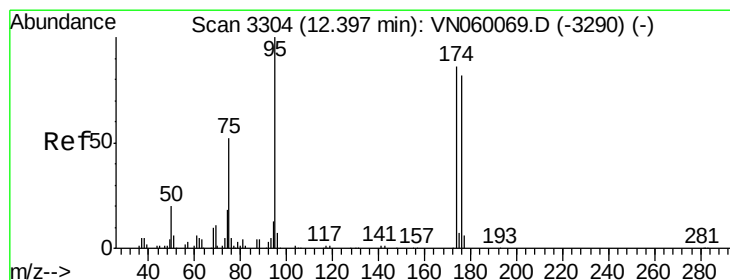
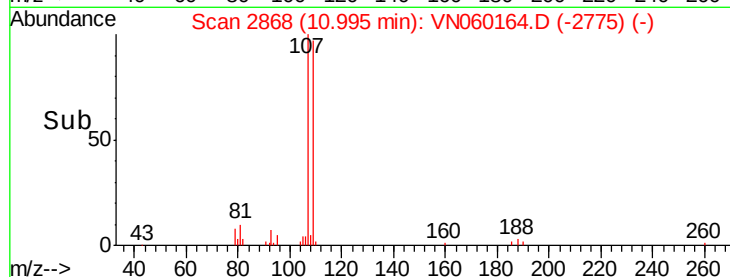
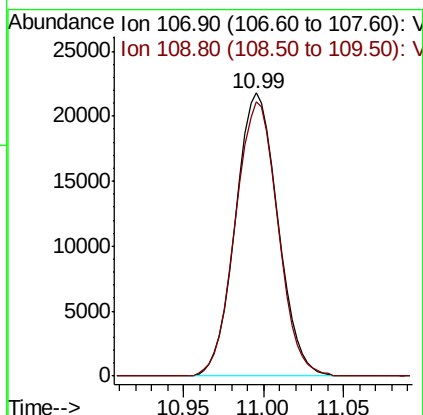
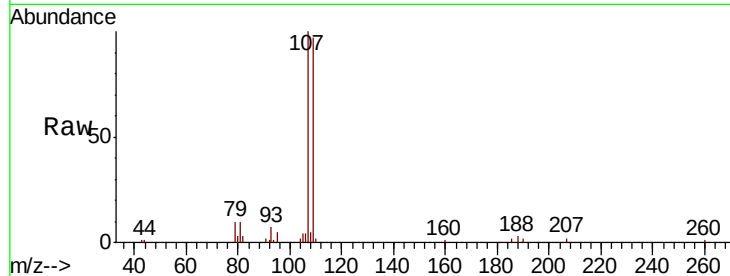




#61
 1,2-Dibromoethane
 Concen: 18.352 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

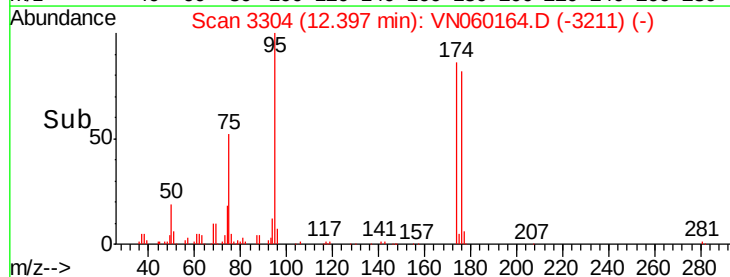
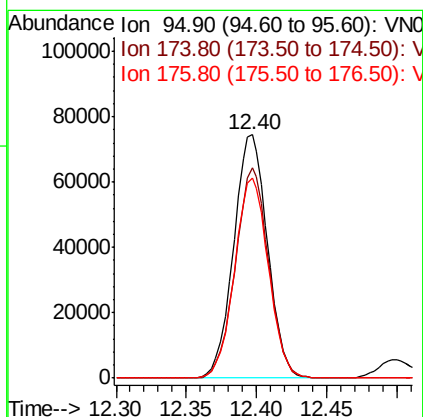
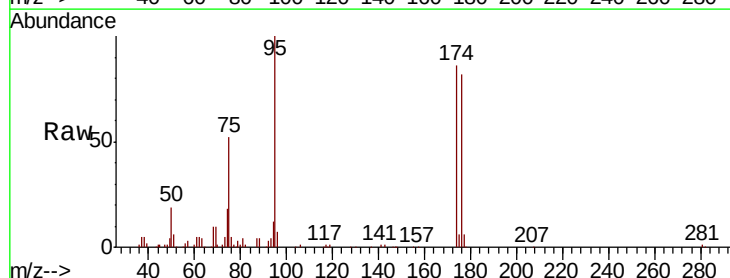
Instrument :
 MSVOA_N
 ClientSampled :

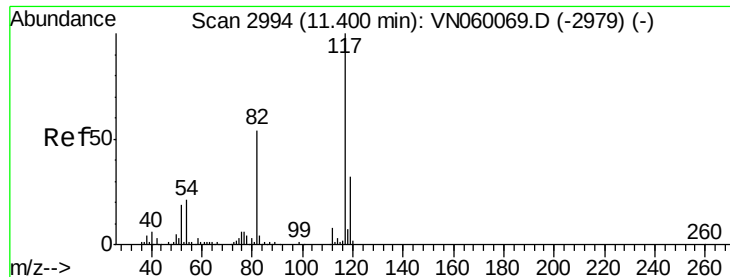
Tot Ion:107 Resp: 39361
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.194 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion: 95 Resp: 124945
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 169.8
 176 82.4 0.0 164.8

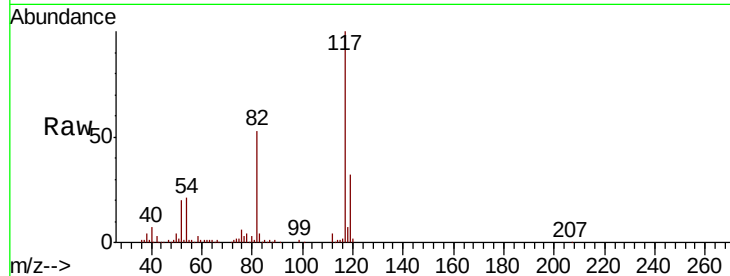




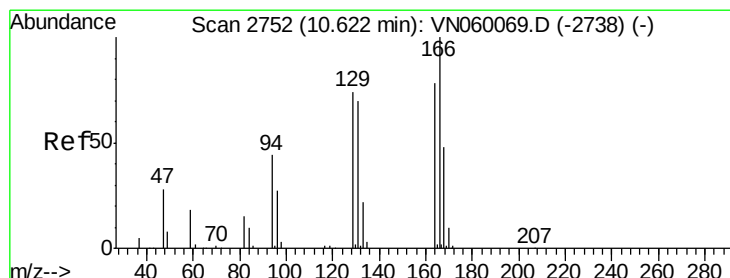
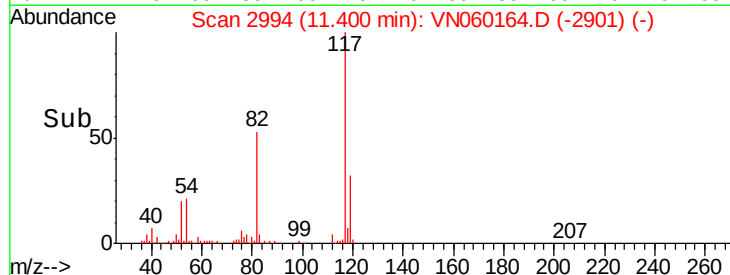
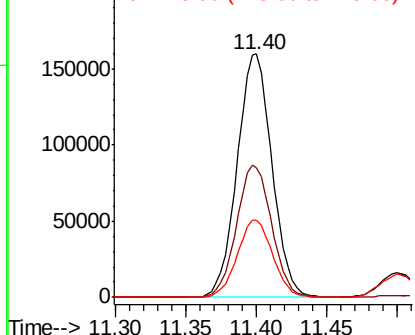
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 276556
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 25.8 38.6

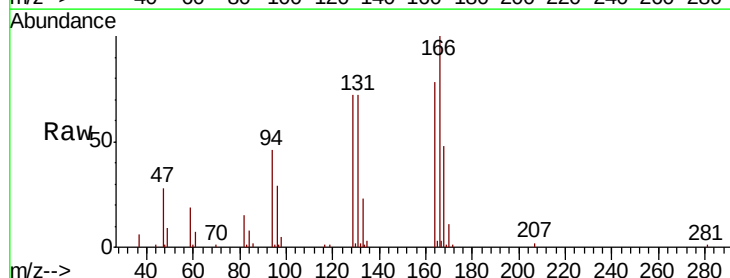


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

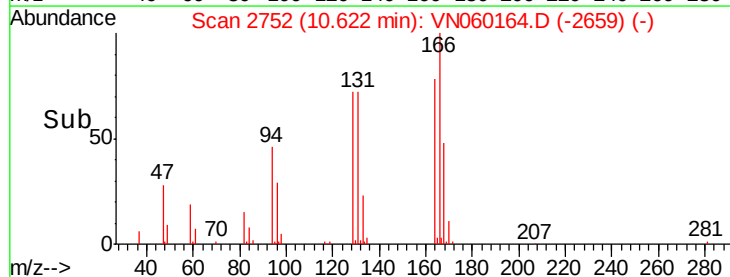
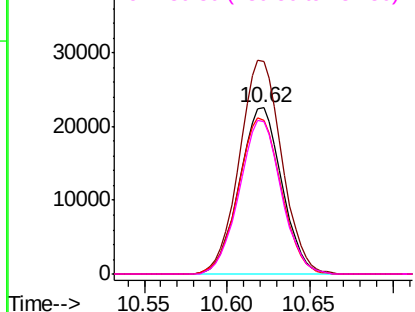


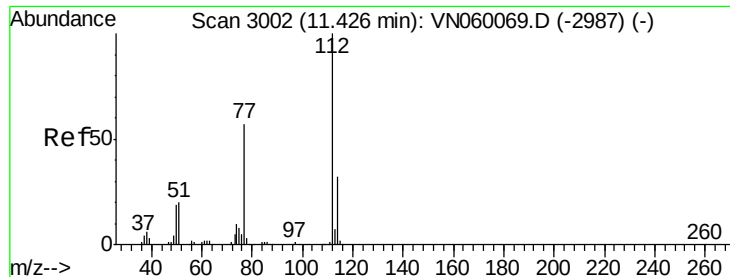
#64
Tetrachloroethene
Concen: 19.035 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion:164 Resp: 40019
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 92.9 75.4 113.0
131 91.9 71.4 107.2



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

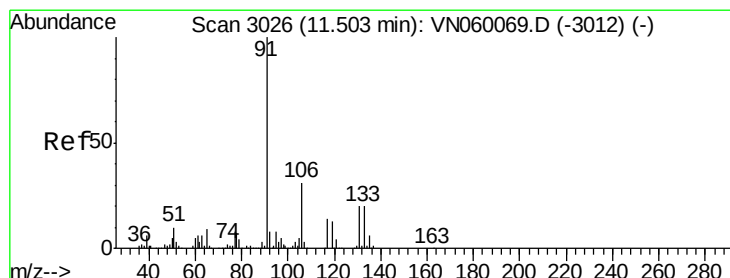
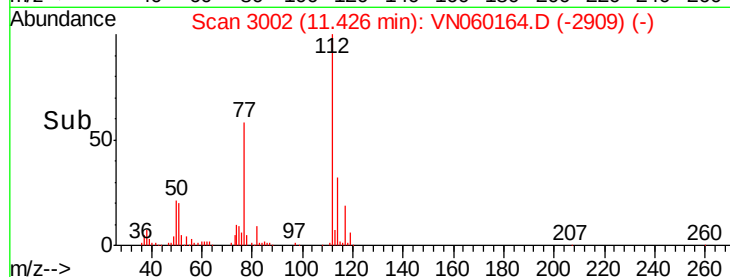
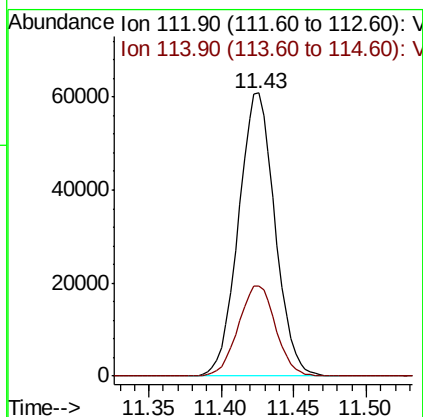
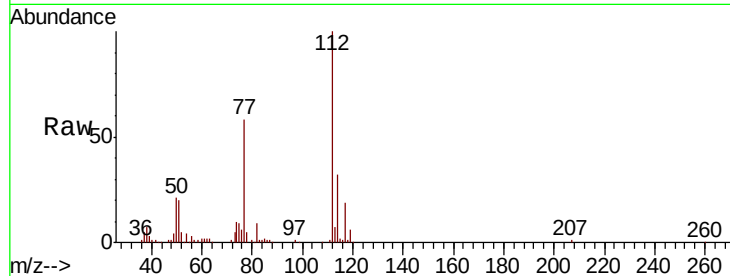




#65
Chlorobenzene
Concen: 18.880 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

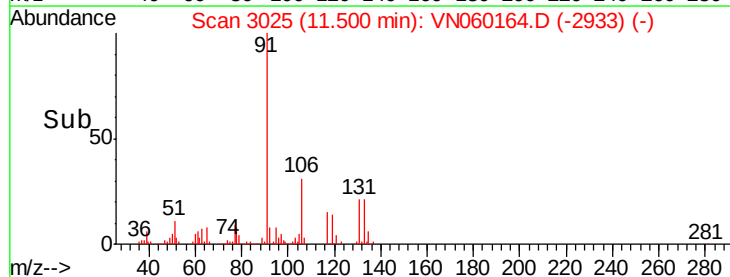
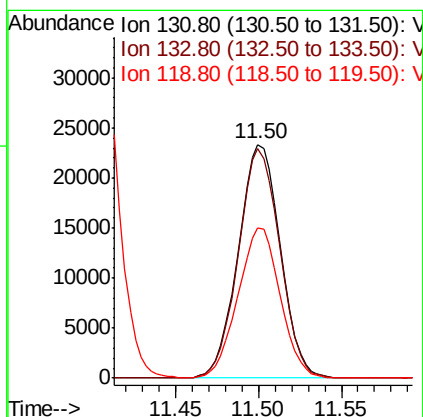
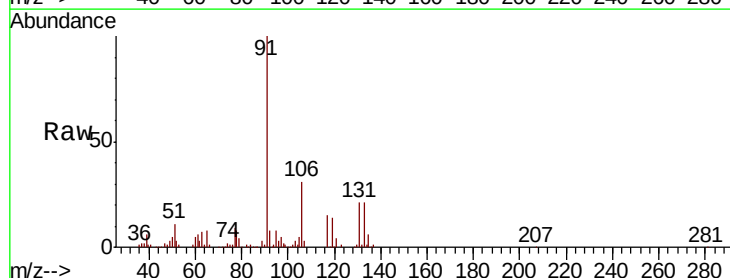
Instrument :
MSVOA_N
ClientSampleId :

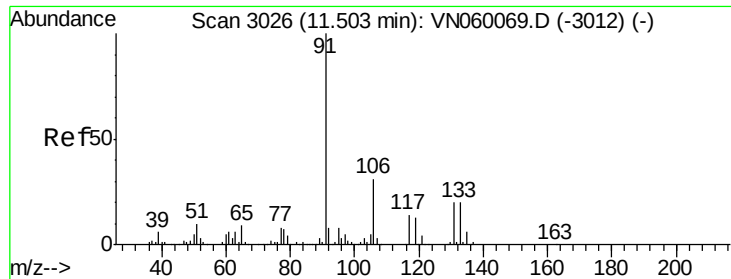
Tot Ion:112 Resp: 106379
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.365 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion:131 Resp: 41275
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.7
119 64.5 32.6 97.7

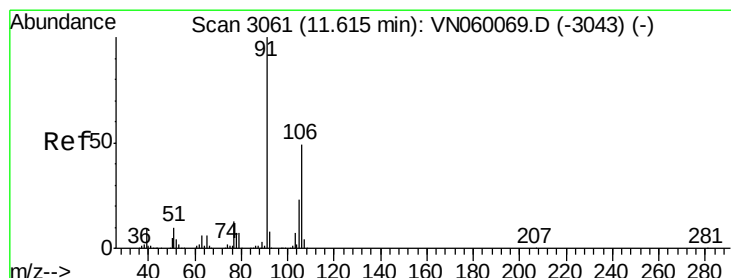
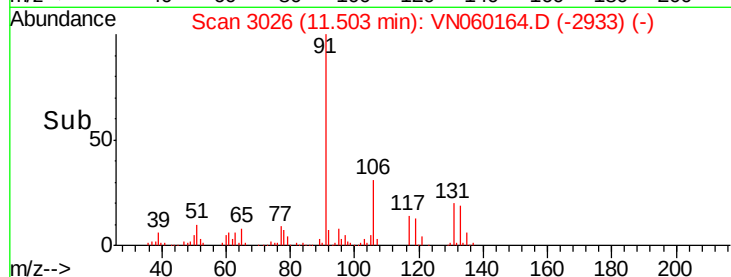
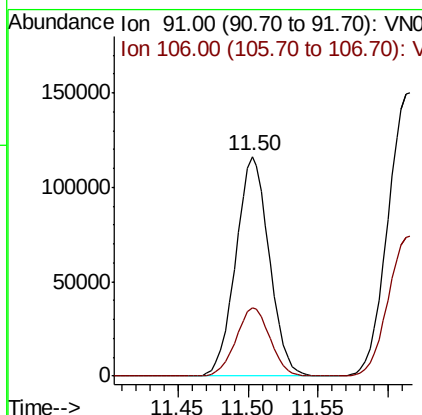
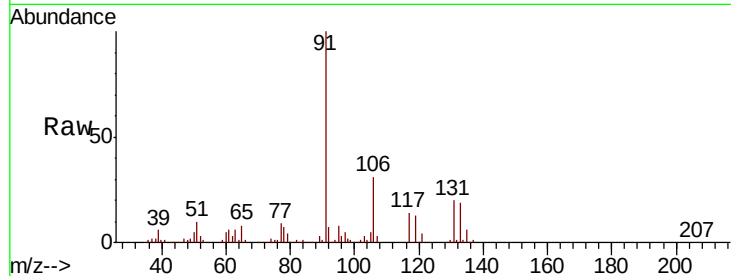




#67
Ethyl Benzene
Concen: 18.986 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

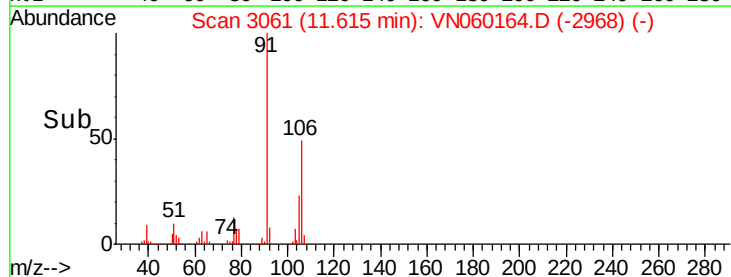
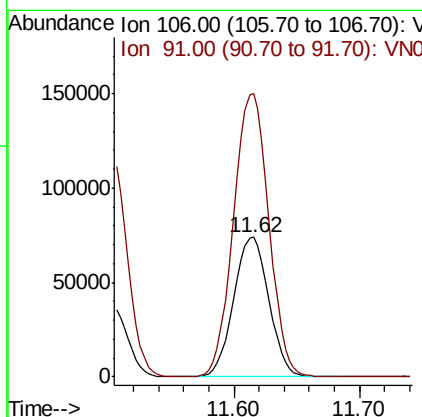
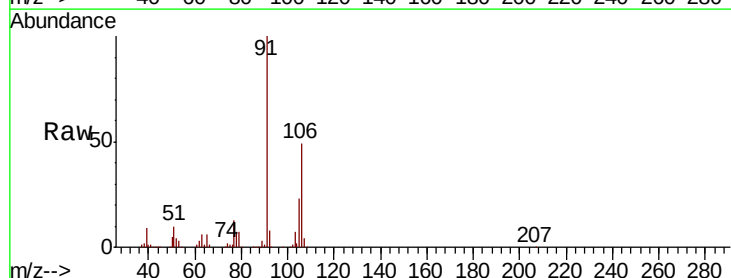
Instrument :
MSVOA_N
ClientSampled :

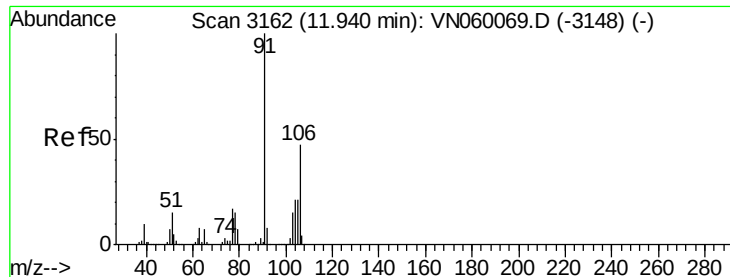
Tot Ion: 91 Resp: 192933
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 37.832 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion: 106 Resp: 144292
Ion Ratio Lower Upper
106 100
91 202.9 162.7 244.1

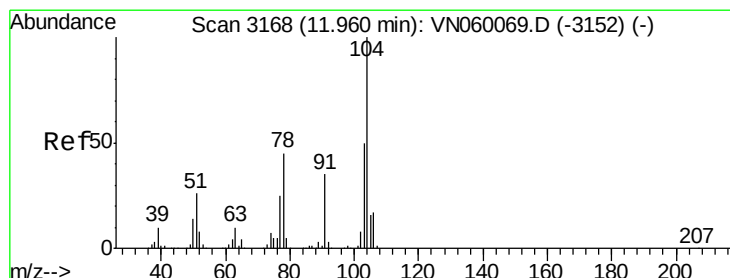
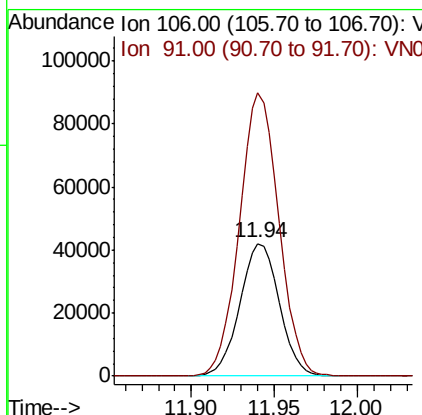
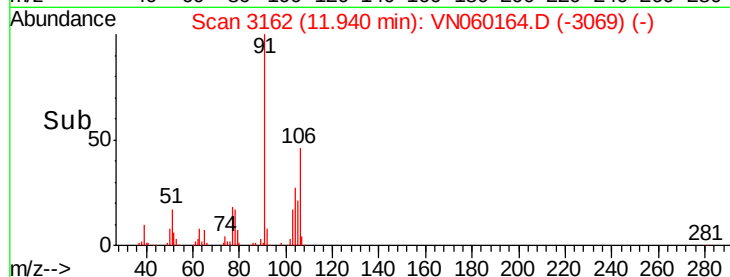
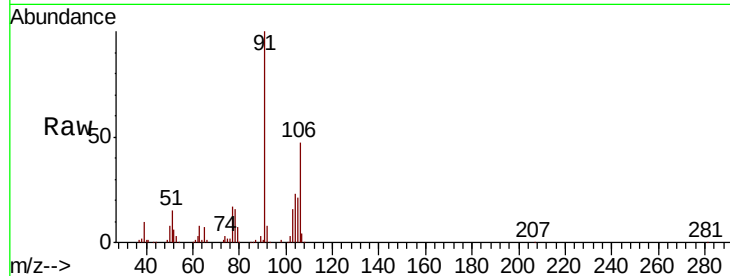




#69
o-Xylene
Concen: 18.929 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

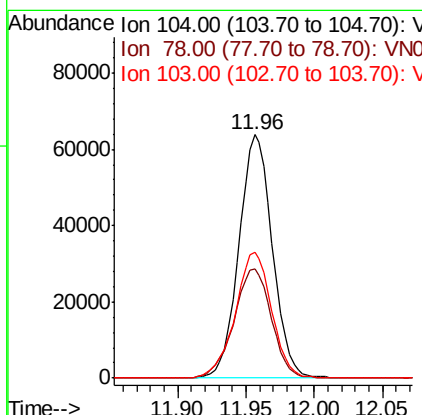
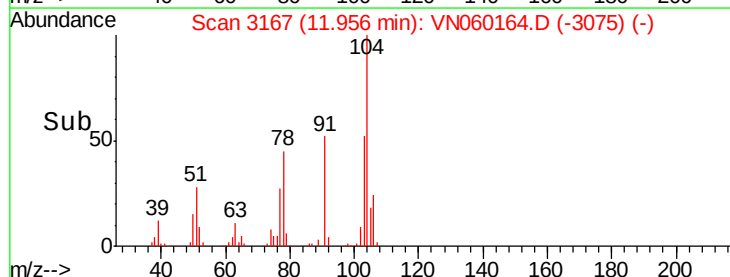
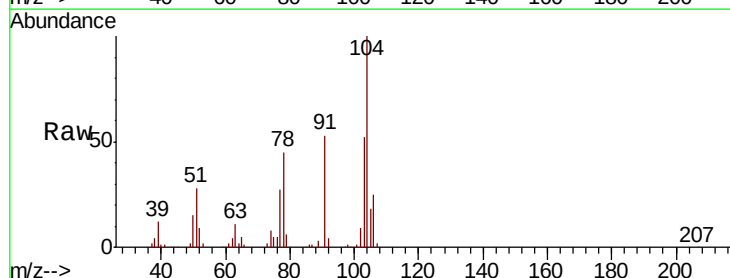
Instrument :
MSVOA_N
ClientSampled :

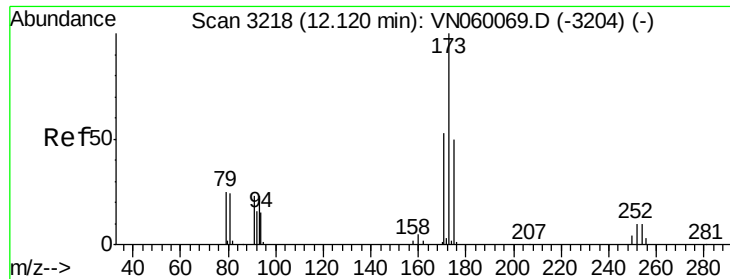
Tot Ion:106 Resp: 69512
Ion Ratio Lower Upper
106 100
91 213.9 107.2 321.6



#70
Styrene
Concen: 18.374 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion:104 Resp: 108810
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 56.1 44.3 66.5





#71

Bromoform

Concen: 18.158 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

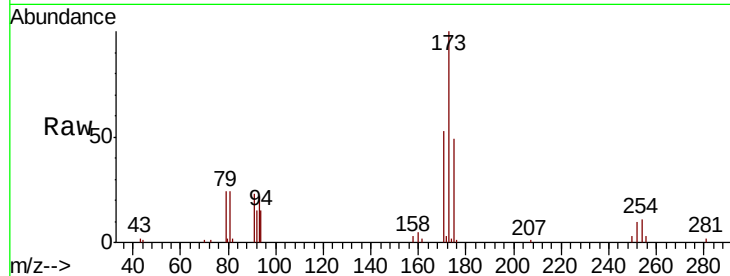
Tot Ion:173 Resp: 31130

Ion Ratio Lower Upper

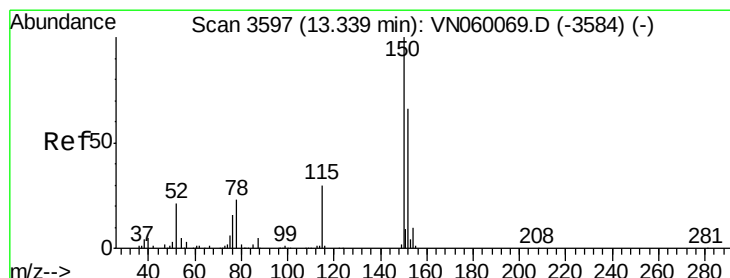
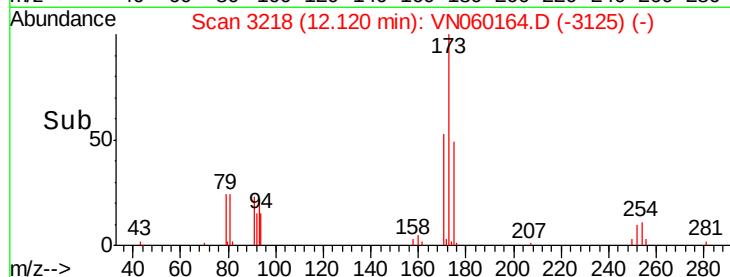
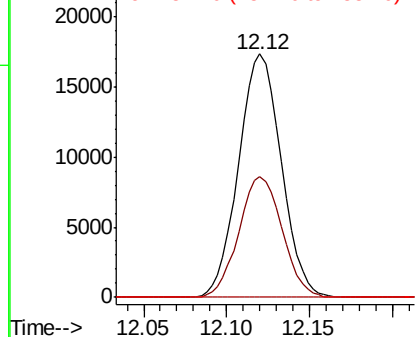
173 100

175 50.1 24.9 74.6

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: VN060164.D

Acq: 20 Feb 2020 11:33

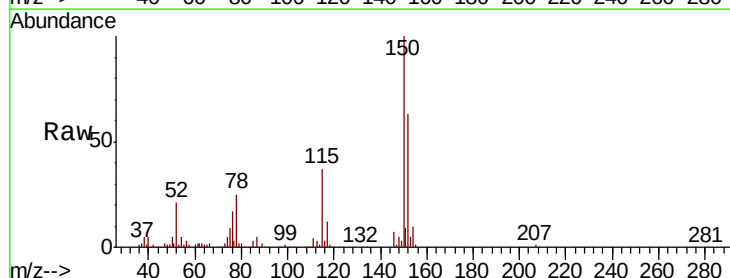
Tgt Ion:152 Resp: 132916

Ion Ratio Lower Upper

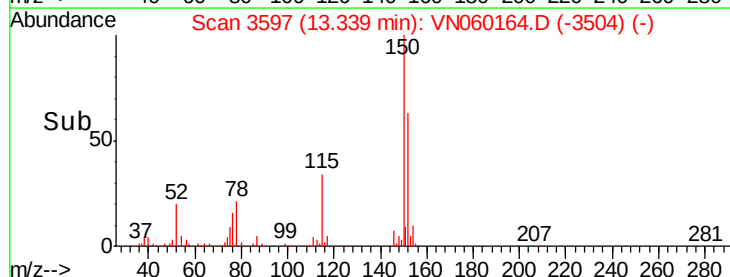
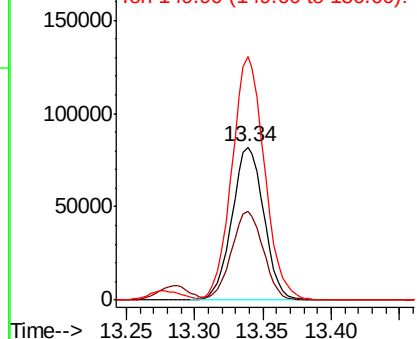
152 100

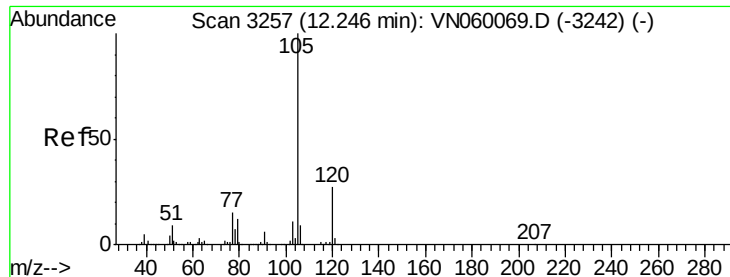
115 58.1 28.9 86.8

150 163.9 0.0 342.4



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: 18.971 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

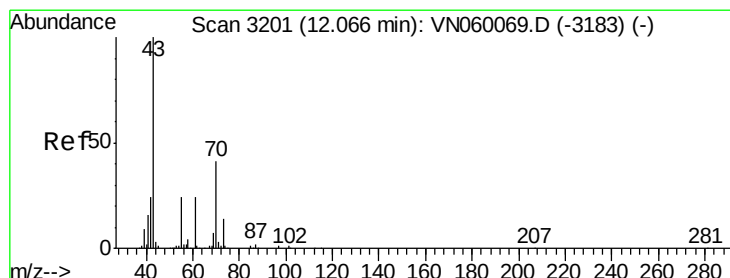
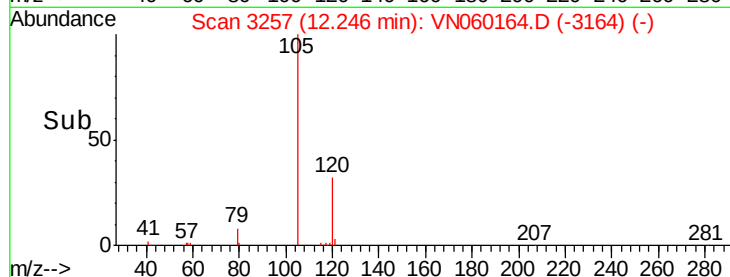
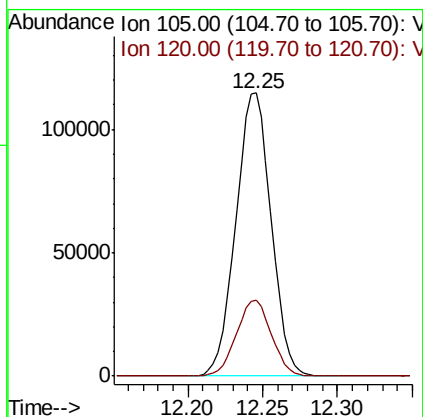
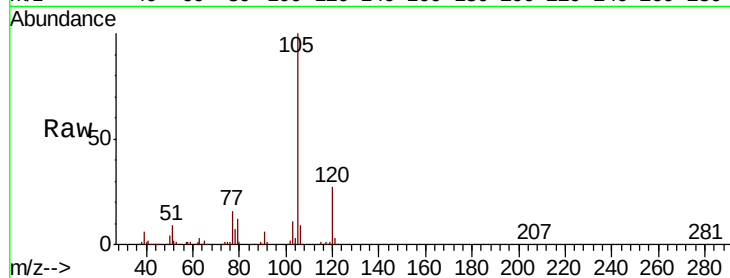
ClientSampled :

Tot Ion:105 Resp: 188298

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 18.917 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Tgt Ion: 43 Resp: 67704

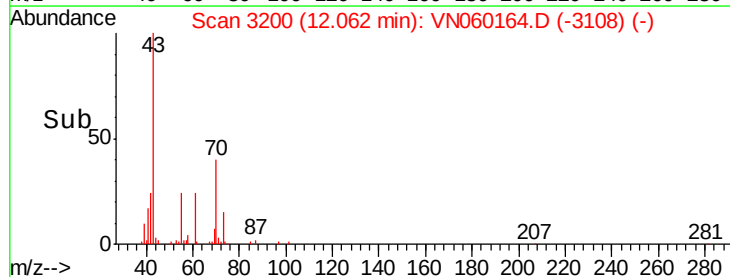
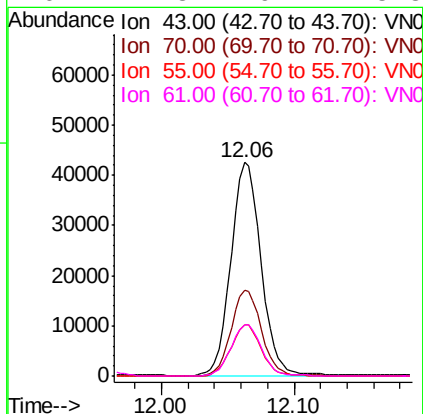
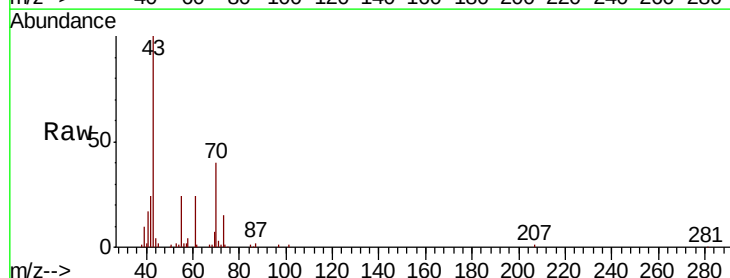
Ion Ratio Lower Upper

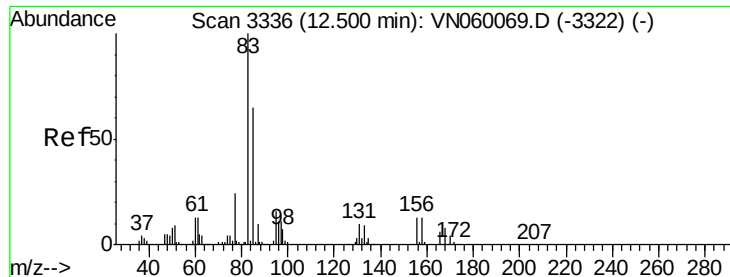
43 100

70 40.2 33.4 50.0

55 23.9 18.8 28.2

61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.326 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

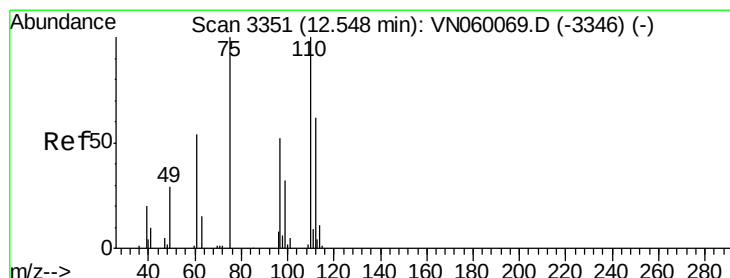
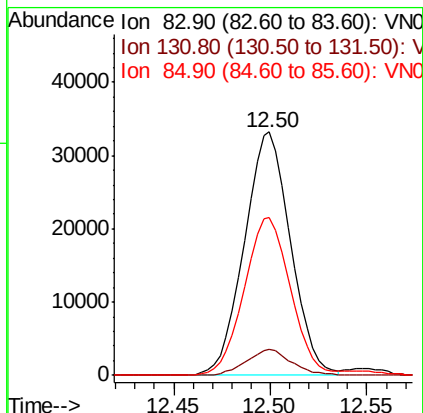
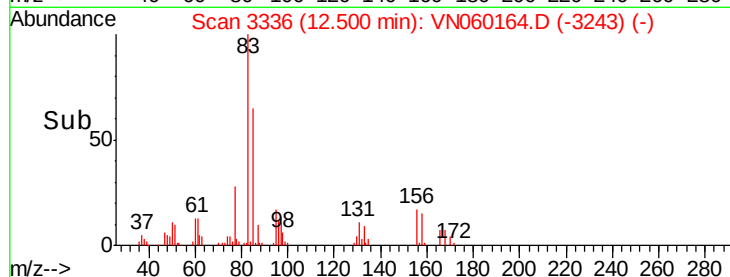
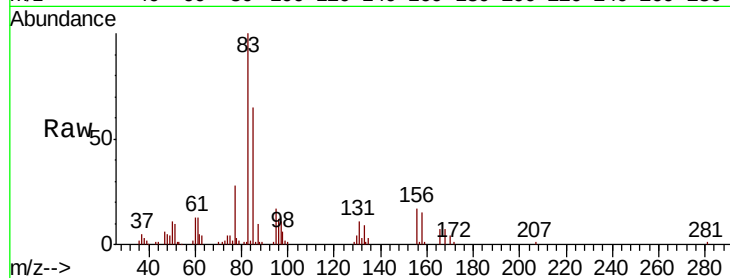
Tot Ion: 83 Resp: 55212

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 28.532 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060164.D

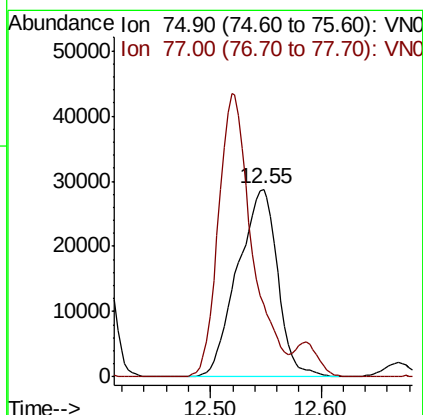
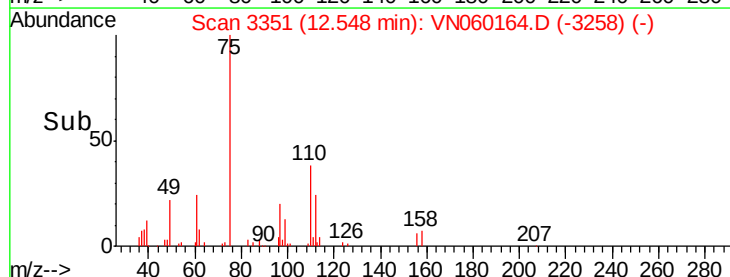
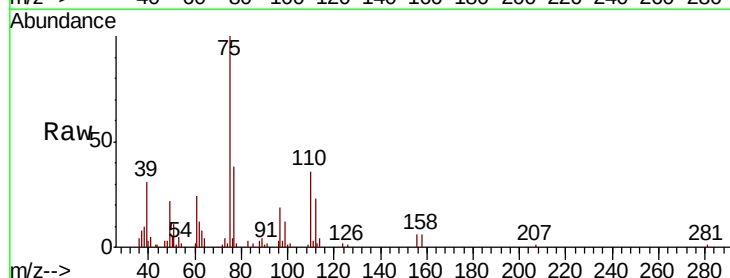
Acq: 20 Feb 2020 11:33

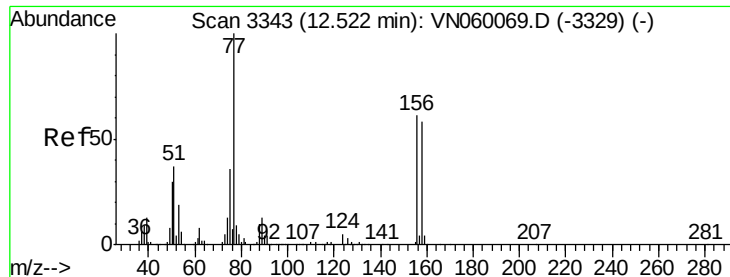
Tgt Ion: 75 Resp: 72557

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.122 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

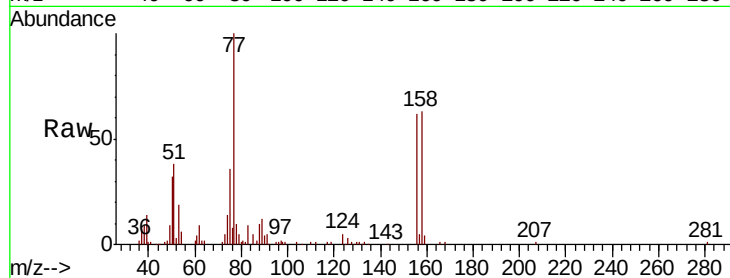
Tot Ion:156 Resp: 47102

Ion Ratio Lower Upper

156 100

77 195.1 98.7 296.1

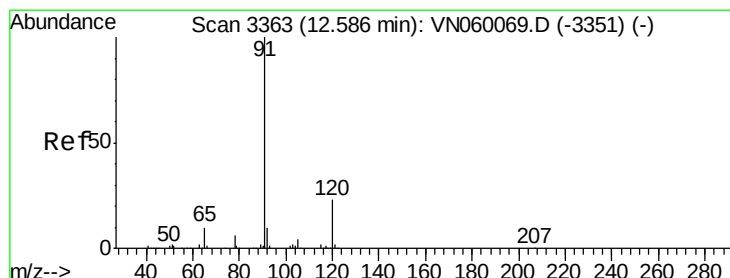
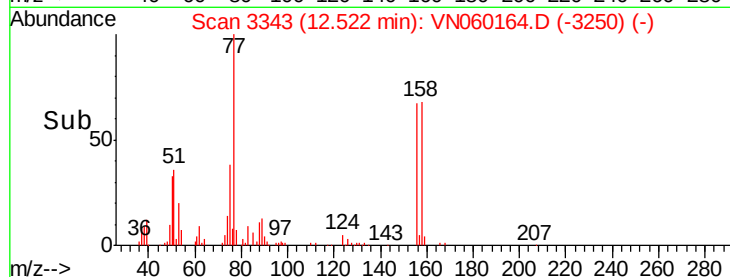
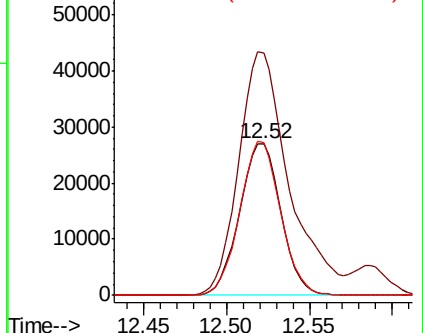
158 99.5 48.1 144.4



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: 18.911 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060164.D

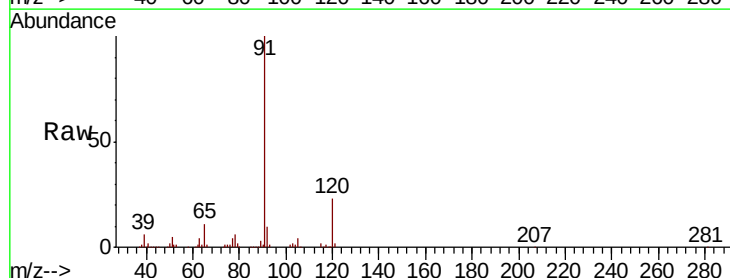
Acq: 20 Feb 2020 11:33

Tgt Ion: 91 Resp: 213849

Ion Ratio Lower Upper

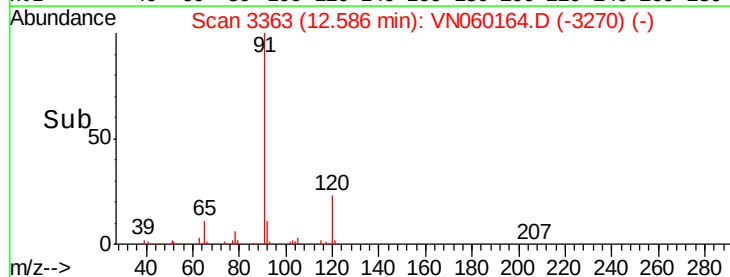
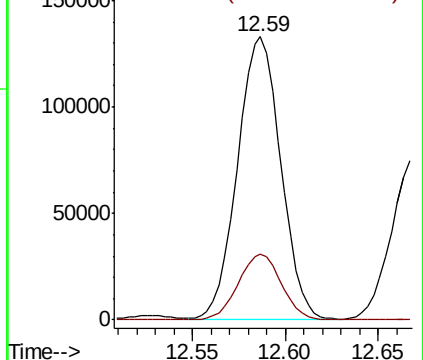
91 100

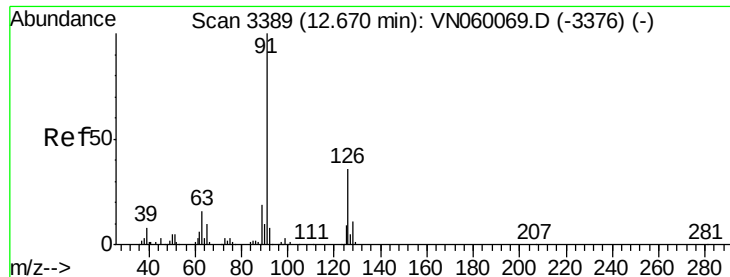
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

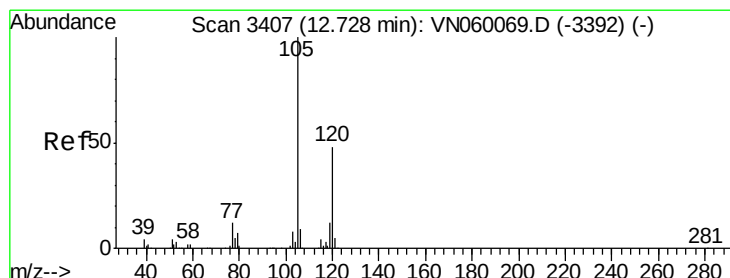
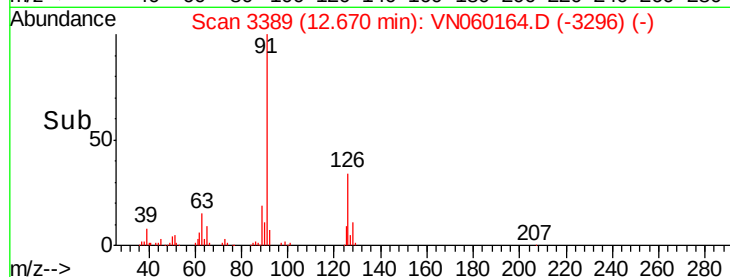
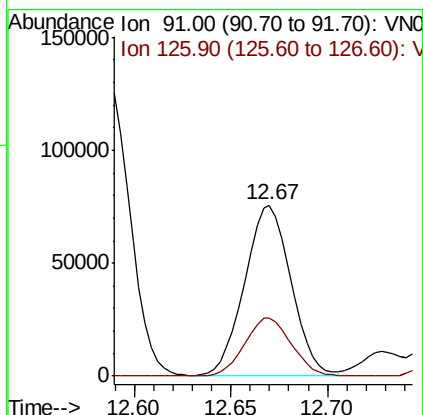
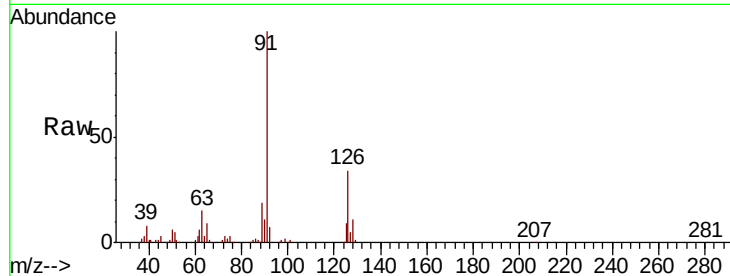




#79
 2-Chlorotoluene
 Concen: 18.939 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

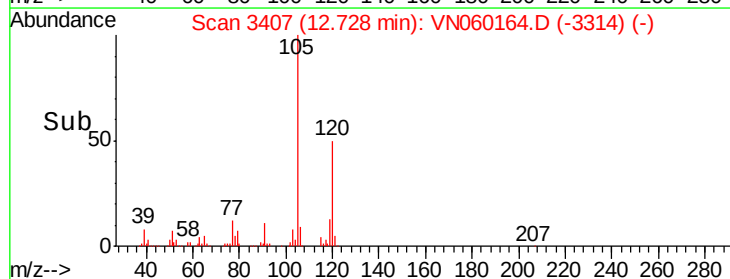
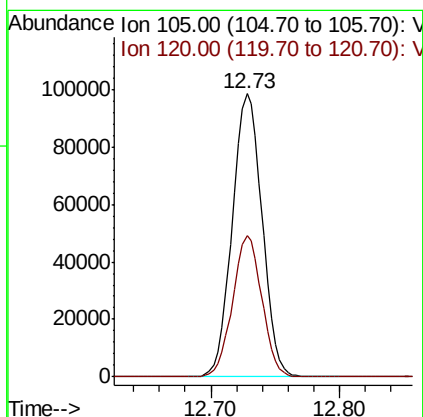
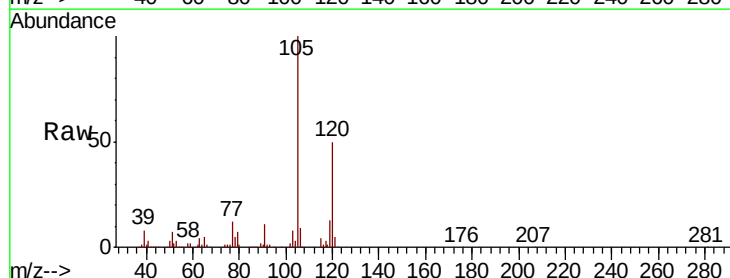
Instrument :
 MSVOA_N
 ClientSampleId :

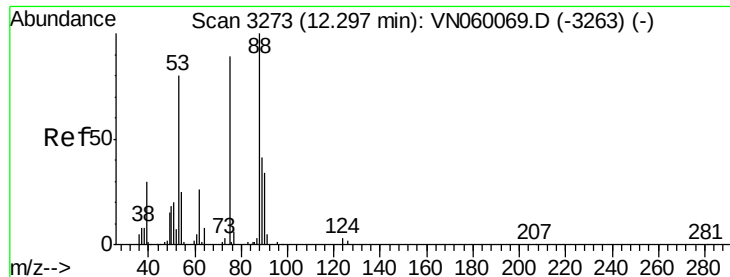
Tot Ion: 91 Resp: 125882
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.162 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion: 105 Resp: 158134
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.545 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

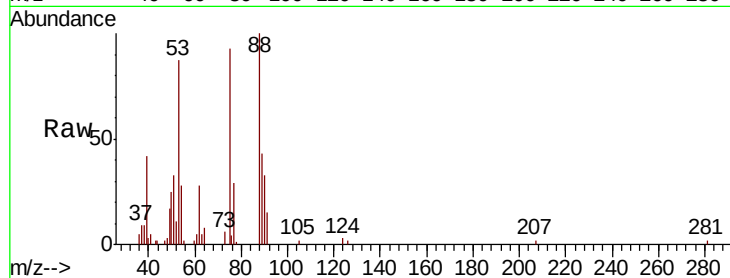
Tot Ion: 75 Resp: 19260

Ion Ratio Lower Upper

75 100

53 93.5 73.9 110.9

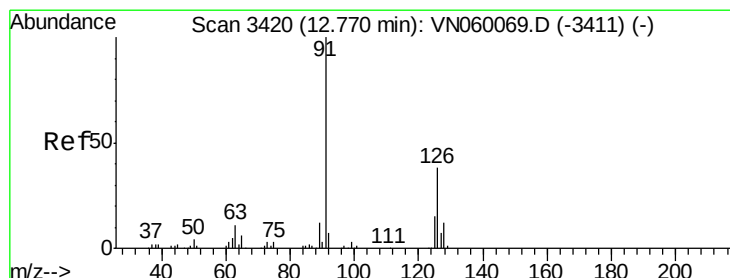
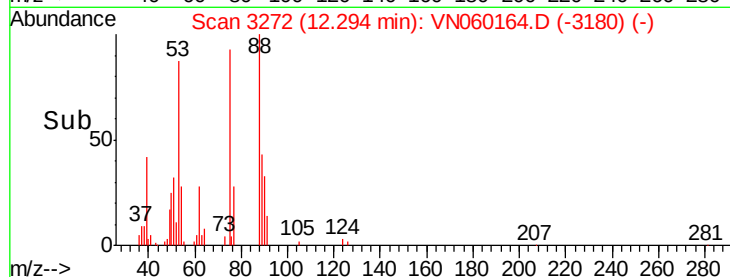
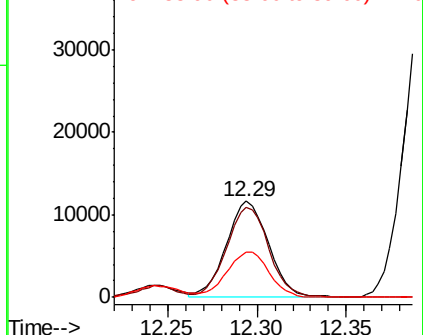
89 47.0 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN060069.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060069.D (-3263) (-)



#82

4-Chlorotoluene

Concen: 18.842 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060164.D

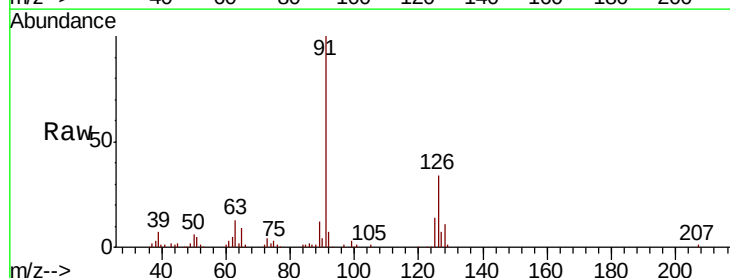
Acq: 20 Feb 2020 11:33

Tgt Ion: 91 Resp: 128492

Ion Ratio Lower Upper

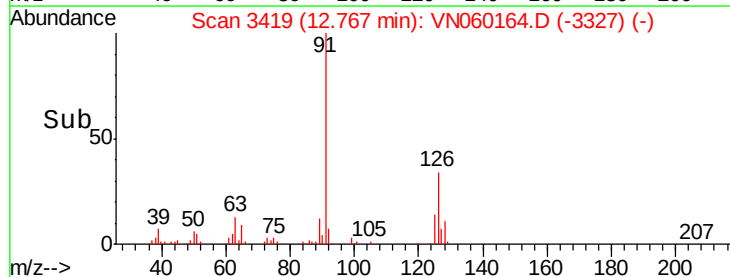
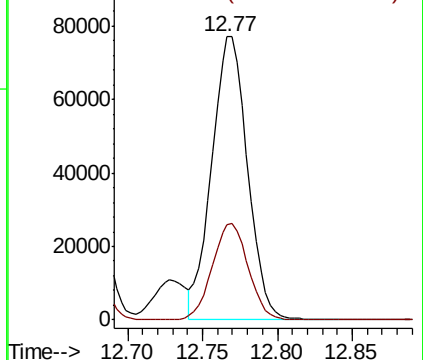
91 100

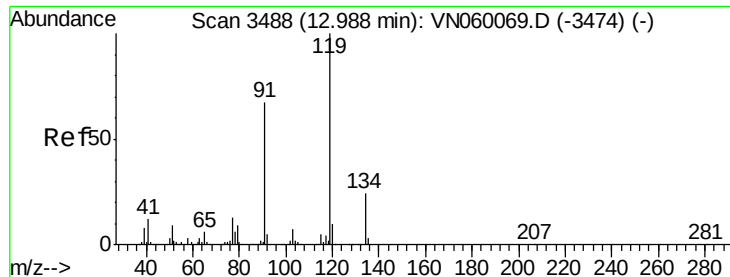
126 34.1 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3411) (-)

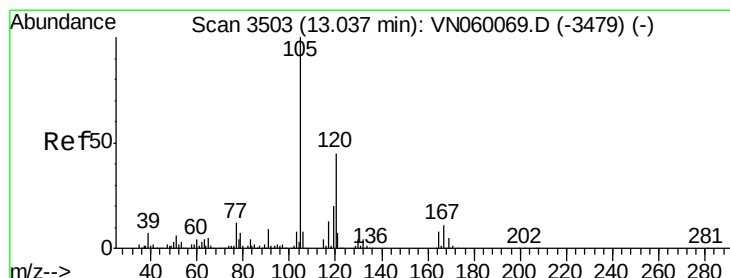
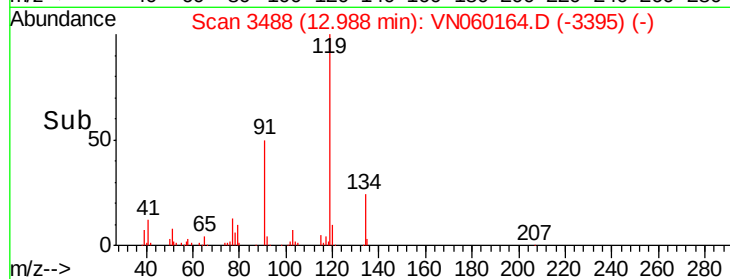
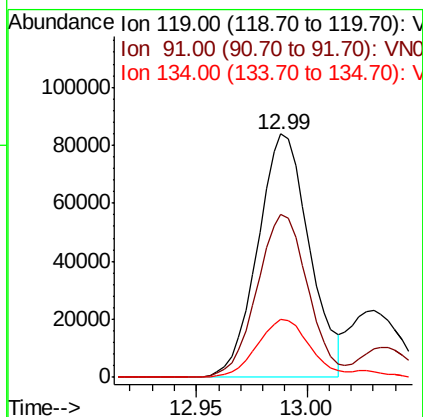
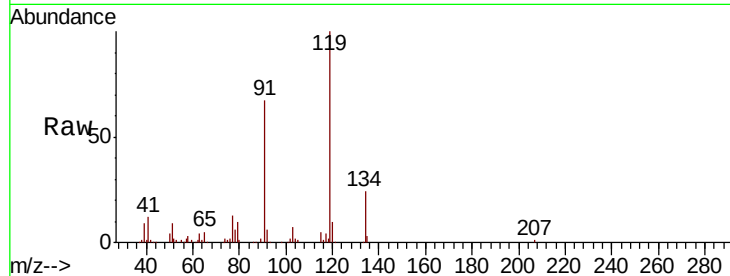




#83
 tert-Butylbenzene
 Concen: 18.656 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

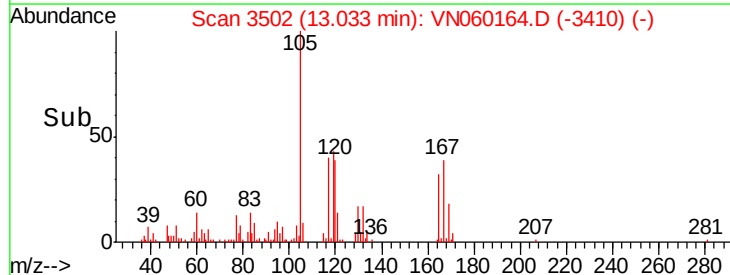
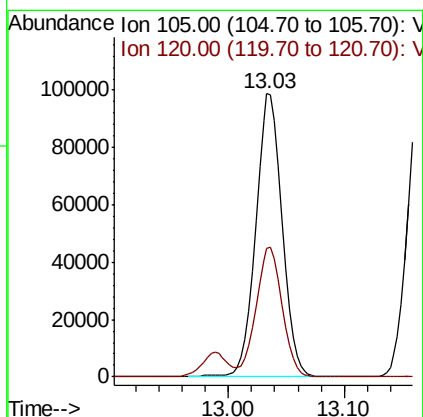
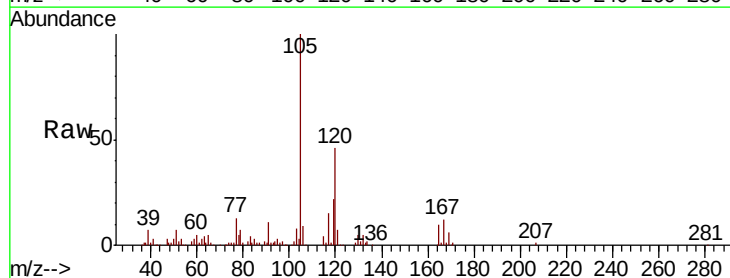
Instrument :
 MSVOA_N
 ClientSampled :

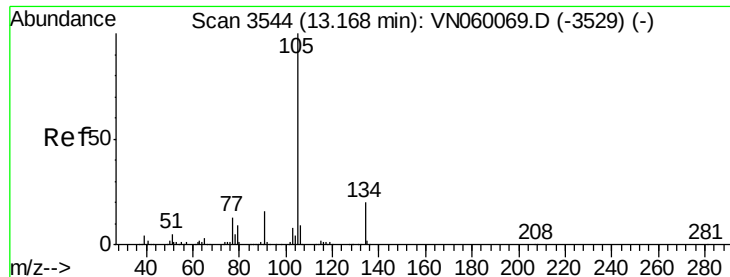
Tot Ion:119 Resp: 136195
 Ion Ratio Lower Upper
 119 100
 91 66.0 32.7 98.1
 134 24.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.290 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion:105 Resp: 157145
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.151 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

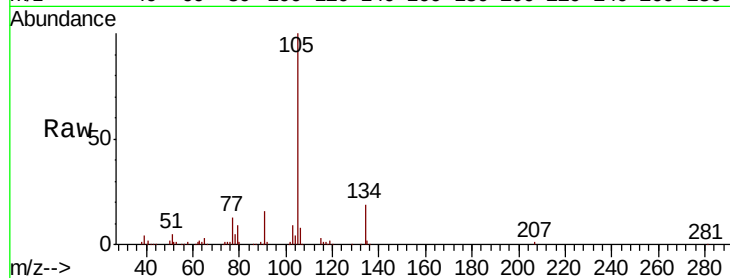
ClientSampleId :

Tot Ion:105 Resp: 185158

Ion Ratio Lower Upper

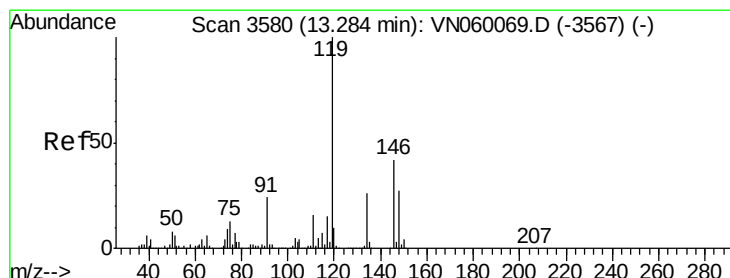
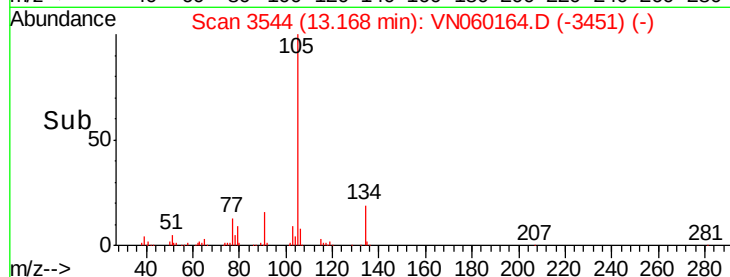
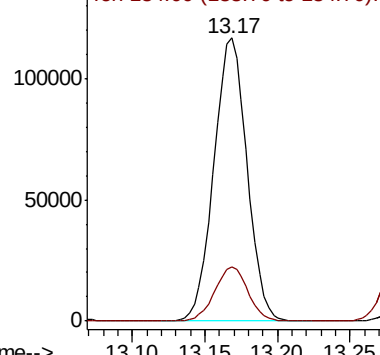
105 100

134 19.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.015 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

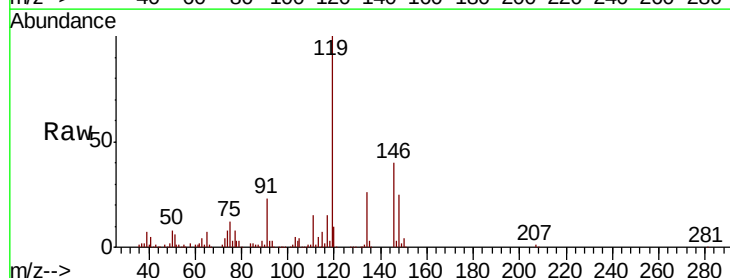
Tgt Ion:119 Resp: 166570

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

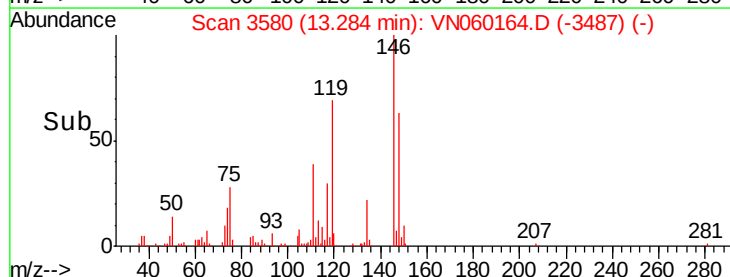
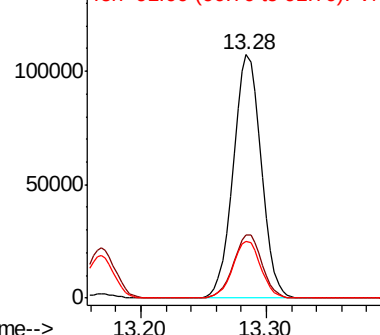
91 23.5 11.9 35.9

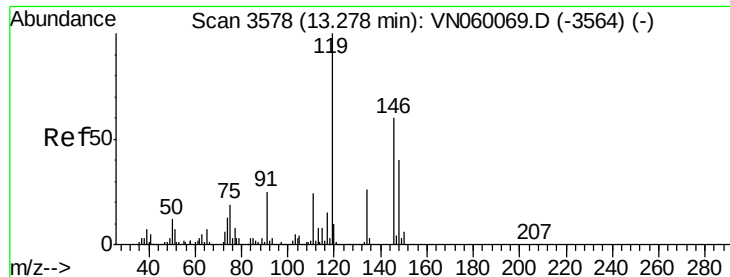


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

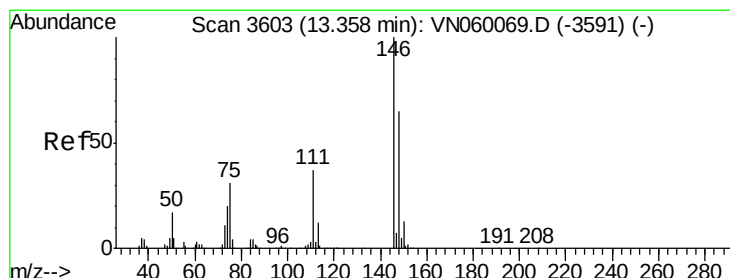
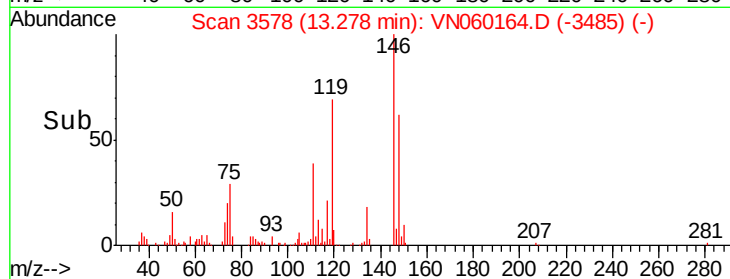
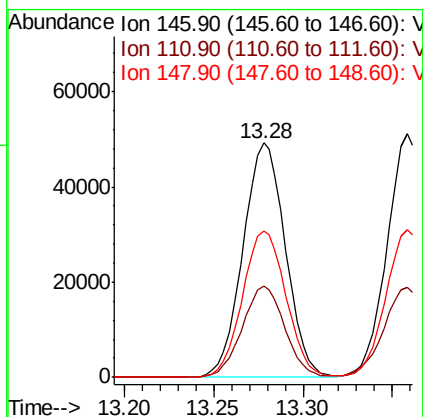
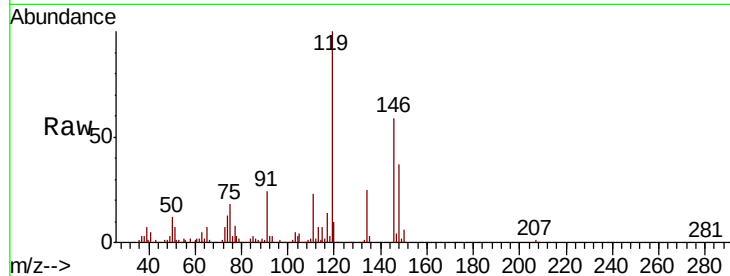




#87
 1,3-Dichlorobenzene
 Concen: 18.826 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

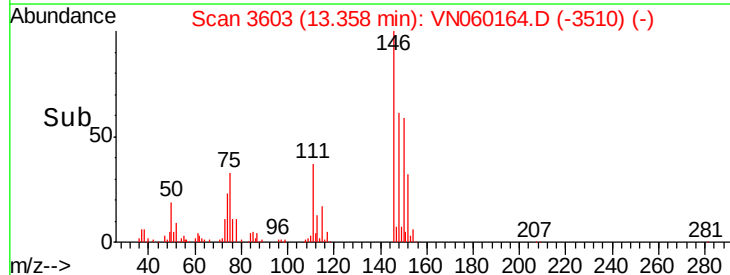
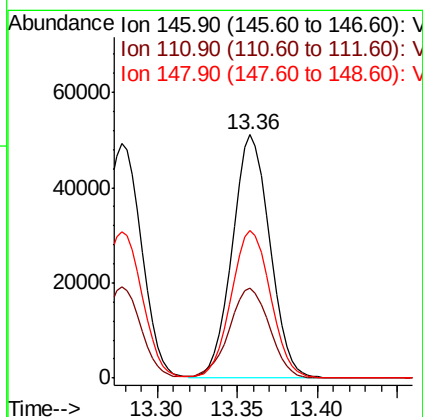
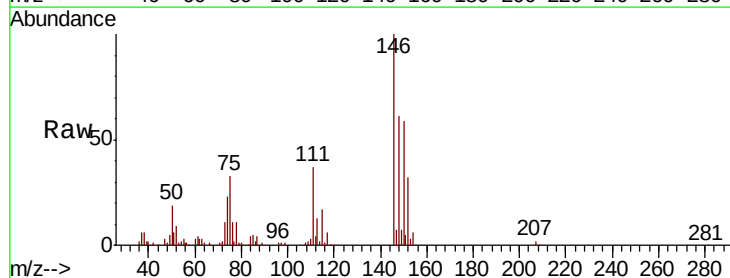
Instrument :
 MSVOA_N
 ClientSampleId :

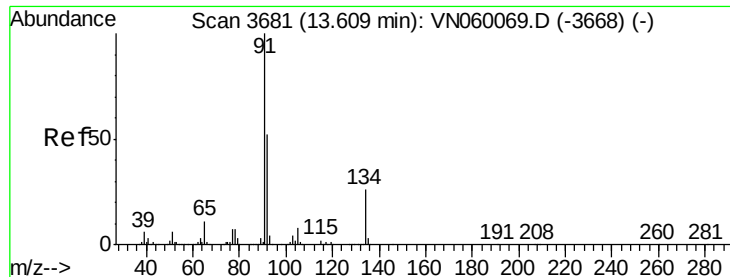
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.770 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.5
148	63.7	32.0	96.0





#89

n-Butylbenzene

Concen: 18.962 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

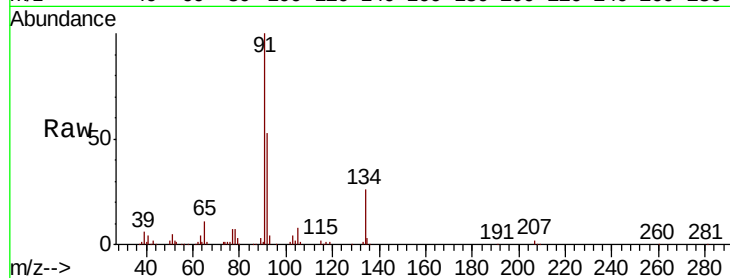
Tot Ion: 91 Resp: 146101

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.2

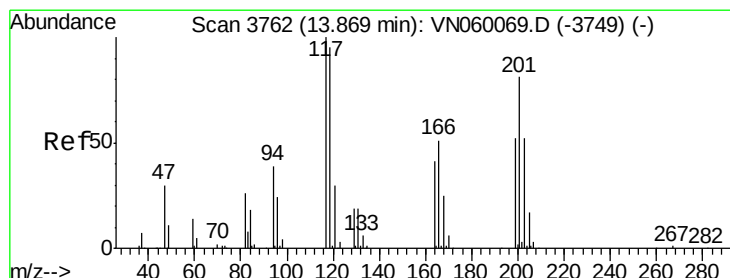
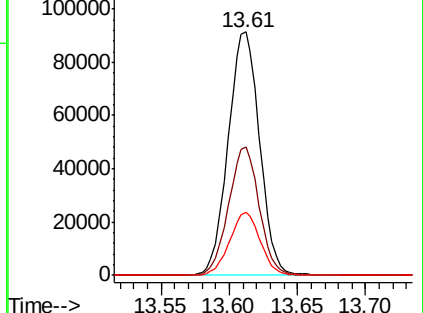
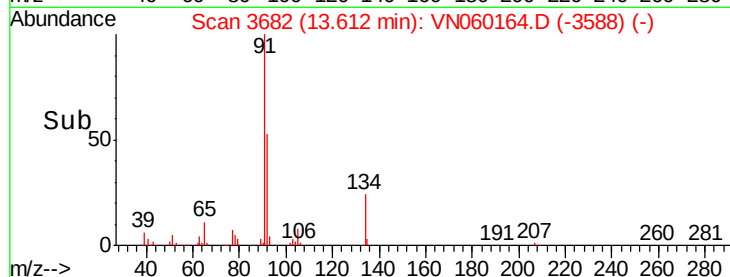
134 25.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.799 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060164.D

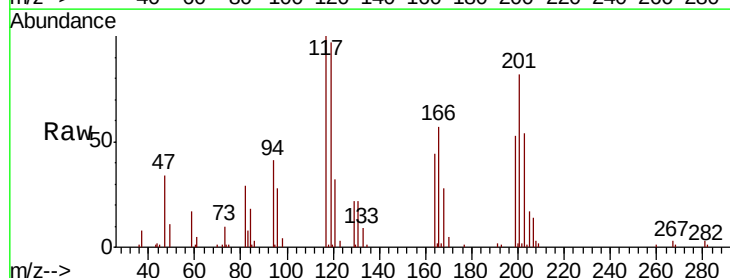
Acq: 20 Feb 2020 11:33

Tgt Ion: 117 Resp: 30765

Ion Ratio Lower Upper

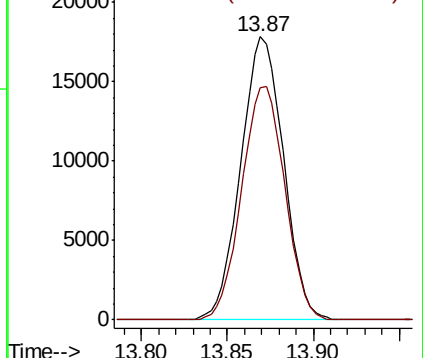
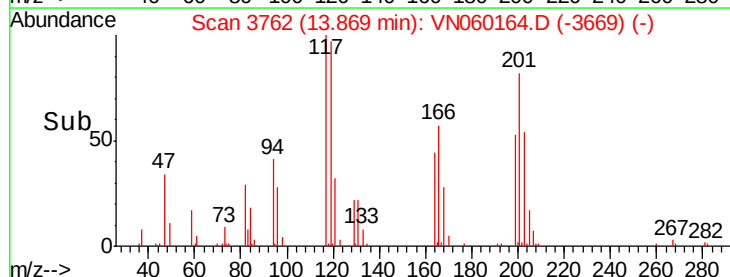
117 100

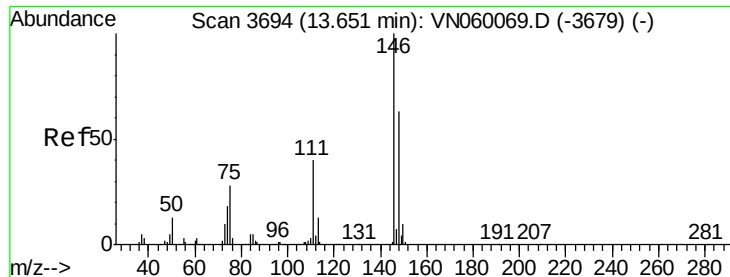
201 83.3 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 18.726 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

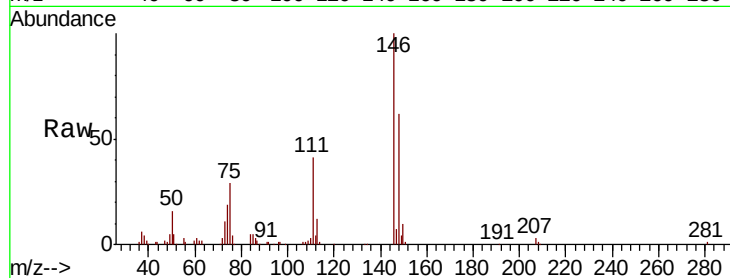
Tot Ion:146 Resp: 79906

Ion Ratio Lower Upper

146 100

111 41.5 20.1 60.2

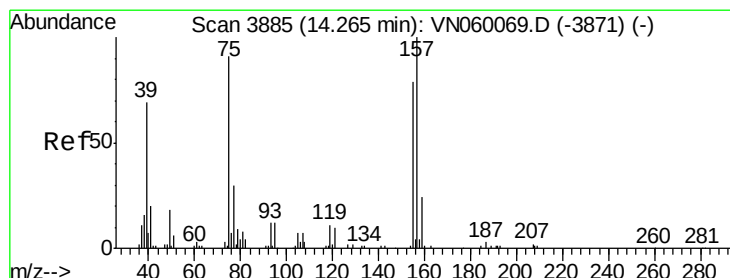
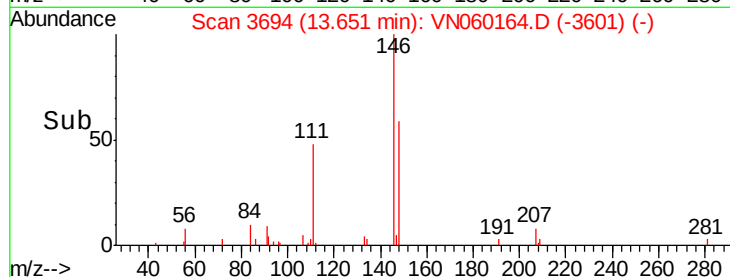
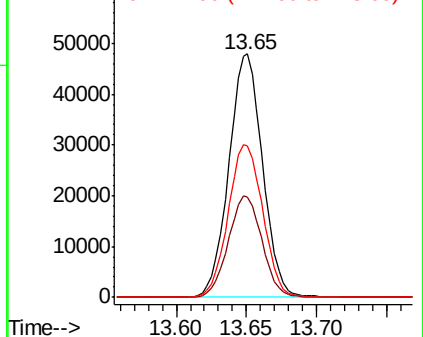
148 64.5 31.9 95.5



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: 17.871 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060164.D

Acq: 20 Feb 2020 11:33

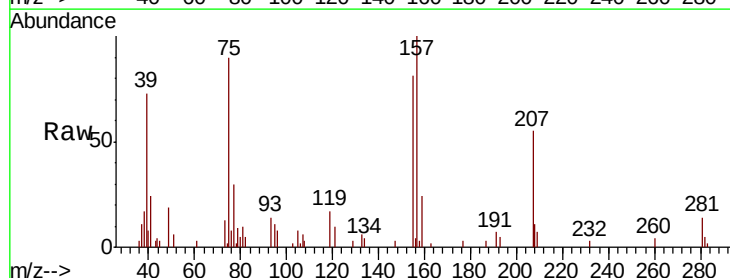
Tgt Ion: 75 Resp: 11157

Ion Ratio Lower Upper

75 100

155 82.2 43.0 129.0

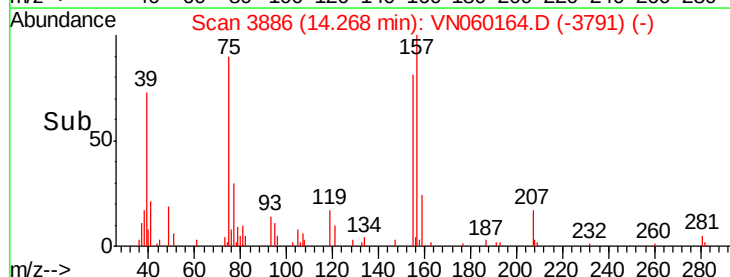
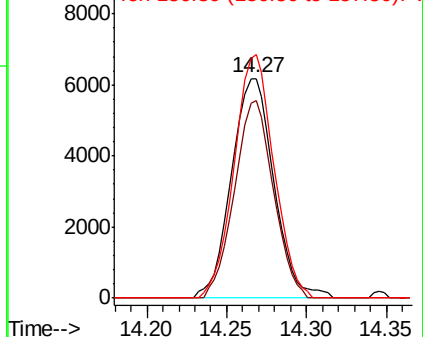
157 103.8 54.9 164.5

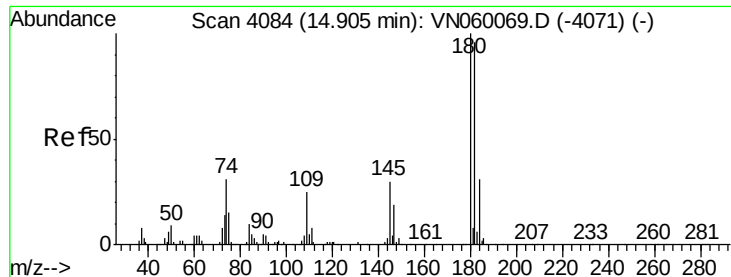


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

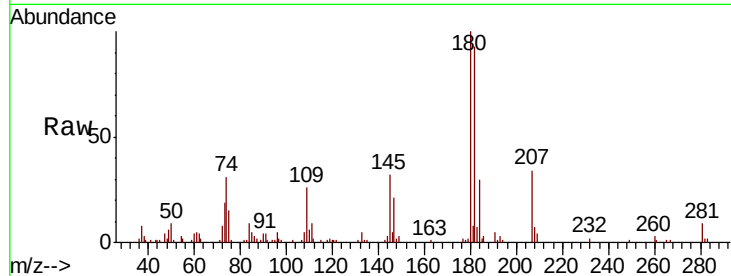




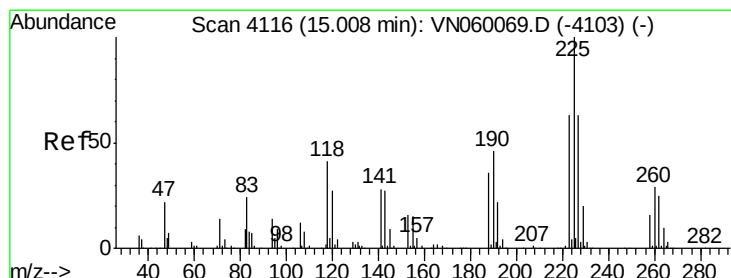
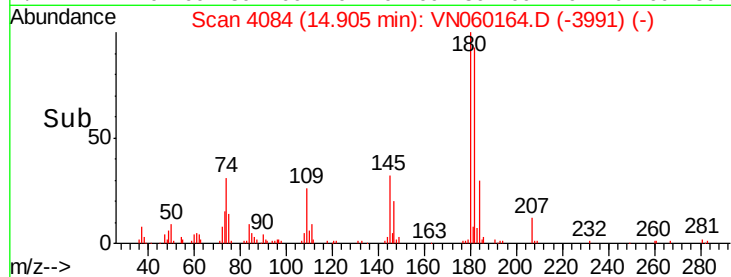
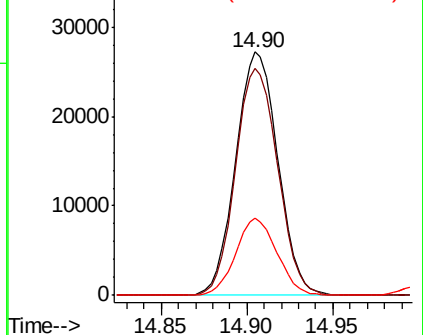
#93
 1,2,4-Trichlorobenzene
 Concen: 18.524 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 46444
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.8
 145 30.7 15.2 45.5

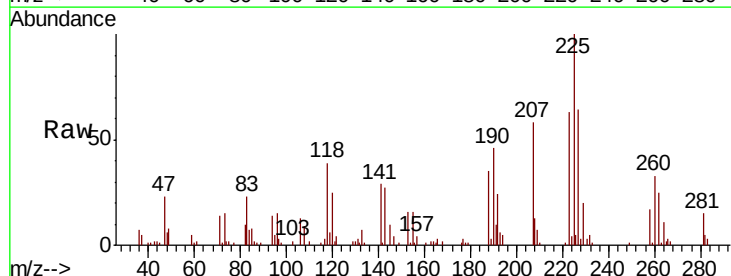


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

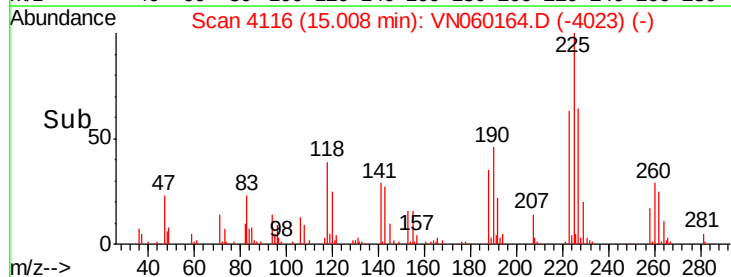
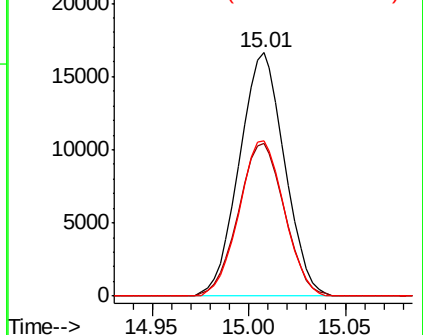


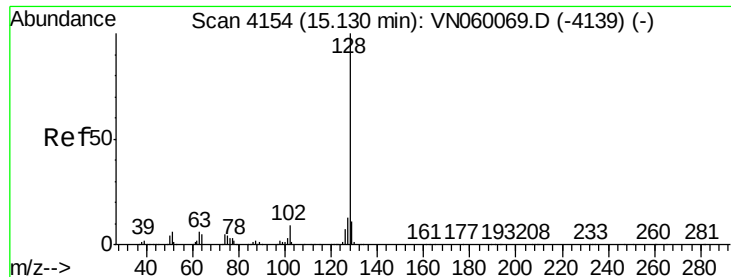
#94
 Hexachlorobutadiene
 Concen: 18.444 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060164.D
 Acq: 20 Feb 2020 11:33

Tgt Ion:225 Resp: 27072
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.5 94.5
 227 63.5 31.8 95.4



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

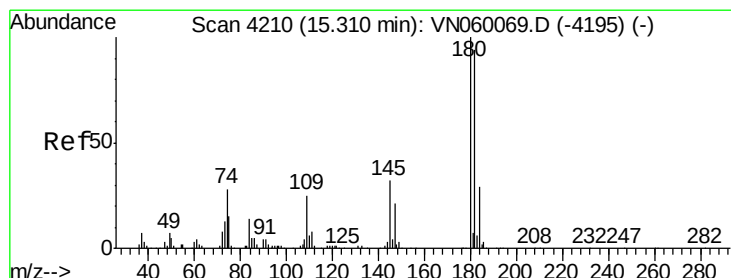
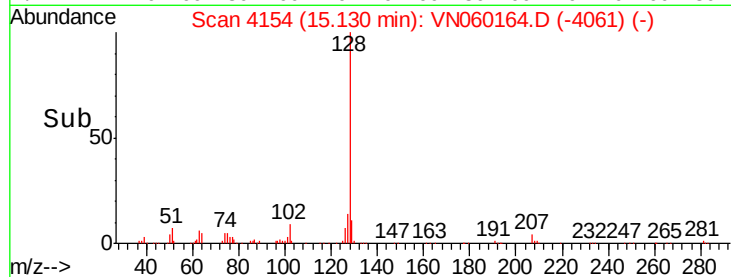
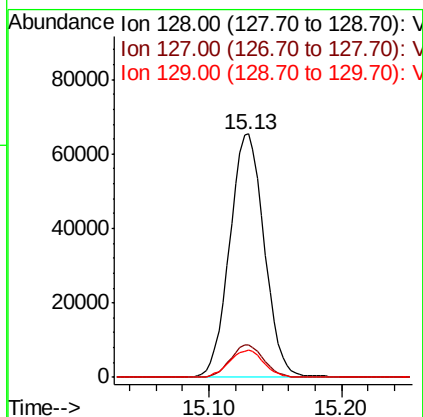
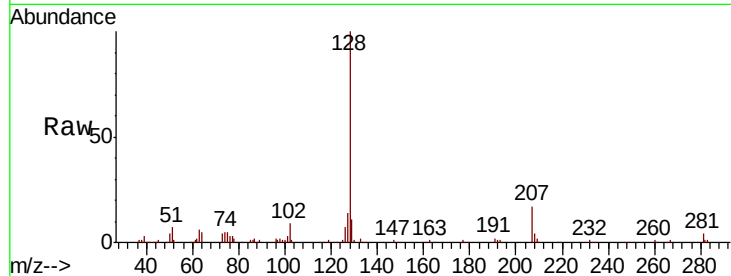




#95
Naphthalene
Concen: 17.458 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 118236
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.471 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060164.D
Acq: 20 Feb 2020 11:33

Tgt Ion:180 Resp: 46119
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 32.1 16.1 48.3

