

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060188.D
 Acq On : 21 Feb 2020 14:23
 Operator : JC/MD
 Sample : VN0221WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:25:04 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	186060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	294296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130209	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	115860	51.17	ug/l	0.00
Spiked Amount						
			Recovery	=	102.34%	
35) Dibromofluoromethane	7.56	113	90402	49.97	ug/l	0.00
Spiked Amount						
			Recovery	=	99.94%	
50) Toluene-d8	10.08	98	355214	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.39	95	126584	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34770	18.696	ug/l	100
3) Chloromethane	2.04	50	40720	18.399	ug/l	96
4) Vinyl Chloride	2.17	62	47379	18.781	ug/l	98
5) Bromomethane	2.55	94	29779	19.251	ug/l	95
6) Chloroethane	2.69	64	24261	19.014	ug/l	98
7) Trichlorofluoromethane	3.00	101	61746	18.984	ug/l	98
8) Diethyl Ether	3.39	74	21644	19.991	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34535	19.125	ug/l	97
10) Methyl Iodide	3.93	142	43892	19.675	ug/l	99
11) Tert butyl alcohol	4.73	59	34271	101.154	ug/l	100
12) 1,1-Dichloroethene	3.72	96	33616	19.110	ug/l	95
13) Acrolein	3.58	56	27386	81.777	ug/l	97
14) Allyl chloride	4.30	41	49124	18.973	ug/l	98
15) Acrylonitrile	4.94	53	87720	106.019	ug/l	99
16) Acetone	3.78	43	84721	85.788	ug/l	99
17) Carbon Disulfide	4.03	76	93782	17.687	ug/l	100
18) Methyl Acetate	4.29	43	39792	21.450	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	115551	19.533	ug/l	98
20) Methylene Chloride	4.52	84	38292	19.435	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	36092	18.822	ug/l	100
22) Diisopropyl ether	5.91	45	113286	19.964	ug/l	98
23) Vinyl Acetate	5.86	43	472914	99.244	ug/l	99
24) 1,1-Dichloroethane	5.82	63	67366	19.597	ug/l	99
25) 2-Butanone	6.80	43	118827	95.672	ug/l	98
26) 2,2-Dichloropropane	6.80	77	62945	19.279	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	42666	19.012	ug/l	100
28) Bromochloromethane	7.17	49	25083	18.561	ug/l	99
29) Tetrahydrofuran	7.18	42	78176	102.598	ug/l	98
30) Chloroform	7.35	83	69883	19.407	ug/l	99
31) Cyclohexane	7.63	56	61204	19.114	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	62791	19.082	ug/l	99
36) 1,1-Dichloropropene	7.77	75	51936	19.053	ug/l	99
37) Ethyl Acetate	6.90	43	50042	20.313	ug/l	99
38) Carbon Tetrachloride	7.75	117	55072	18.603	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060188.D
 Acq On : 21 Feb 2020 14:23
 Operator : JC/MD
 Sample : VN0221WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:25:04 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)

39) Methylcyclohexane	9.06	83	61999	18.323	ug/l	99
40) Benzene	8.02	78	152355	18.842	ug/l	100
41) Methacrylonitrile	7.18	41	71887	69.580	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55901	19.725	ug/l	98
43) Isopropyl Acetate	8.14	43	83676	19.869	ug/l	98
44) Trichloroethene	8.82	130	41803	18.671	ug/l	97
45) 1,2-Dichloropropane	9.10	63	40077	20.020	ug/l	93
46) Dibromomethane	9.19	93	27097	19.154	ug/l	98
47) Bromodichloromethane	9.38	83	55264	19.215	ug/l	99
48) Methyl methacrylate	9.18	41	35705	18.897	ug/l	99
49) 1,4-Dioxane	9.18	88	12940	400.827	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	246412	101.089	ug/l	99
52) Toluene	10.14	92	97027	18.712	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	62531	19.261	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	64378	18.832	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	39222	19.389	ug/l	99
56) Ethyl methacrylate	10.42	69	54571	19.070	ug/l	97
57) 1,3-Dichloropropane	10.70	76	64107	19.205	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	128877	96.670	ug/l	99
59) 2-Hexanone	10.74	43	180695	95.964	ug/l	99
60) Dibromochloromethane	10.89	129	43314	18.659	ug/l	98
61) 1,2-Dibromoethane	10.99	107	40893	19.284	ug/l	99
64) Tetrachloroethene	10.62	164	39788	19.214	ug/l	99
65) Chlorobenzene	11.42	112	105439	18.999	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40285	19.188	ug/l	99
67) Ethyl Benzene	11.50	91	189914	18.973	ug/l	100
68) m/p-Xylenes	11.61	106	141222	37.592	ug/l	100
69) o-Xylene	11.94	106	68707	18.995	ug/l	100
70) Styrene	11.96	104	106767	18.304	ug/l	99
71) Bromoform	12.12	173	31890	18.885	ug/l #	97
73) Isopropylbenzene	12.24	105	185612	19.089	ug/l	99
74) N-amyl acetate	12.06	43	68690	19.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55919	19.980	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	74272	29.814	ug/l #	100
77) Bromobenzene	12.52	156	46577	19.302	ug/l	98
78) n-propylbenzene	12.58	91	207490	18.730	ug/l	100
79) 2-Chlorotoluene	12.67	91	122661	18.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	153699	19.012	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19577	19.242	ug/l	98
82) 4-Chlorotoluene	12.77	91	125885	18.844	ug/l	100
83) tert-Butylbenzene	12.99	119	135685	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	153803	19.273	ug/l	99
85) sec-Butylbenzene	13.17	105	177193	18.708	ug/l	100
86) p-Isopropyltoluene	13.28	119	160565	18.711	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	80607	18.872	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	79078	18.517	ug/l	98
89) n-Butylbenzene	13.61	91	137940	18.275	ug/l	99
90) Hexachloroethane	13.87	117	29182	18.203	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	79324	18.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11767	19.300	ug/l	92

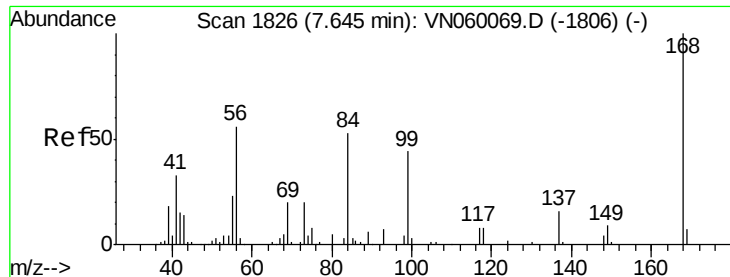
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
Data File : VN060188.D
Acq On : 21 Feb 2020 14:23
Operator : JC/MD
Sample : VN0221WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 21 22:25:04 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)
93) 1,2,4-Trichlorobenzene	14.90	180	44492	18.115	ug/l	100
94) Hexachlorobutadiene	15.00	225	25359	17.636	ug/l	96
95) Naphthalene	15.13	128	119375	17.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44883	18.350	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: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

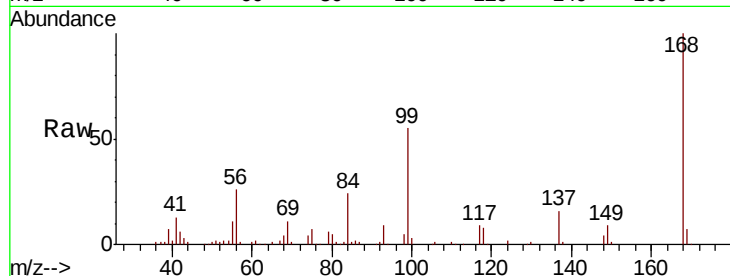
ClientSampleId :

Tot Ion:168 Resp: 186060

Ion Ratio Lower Upper

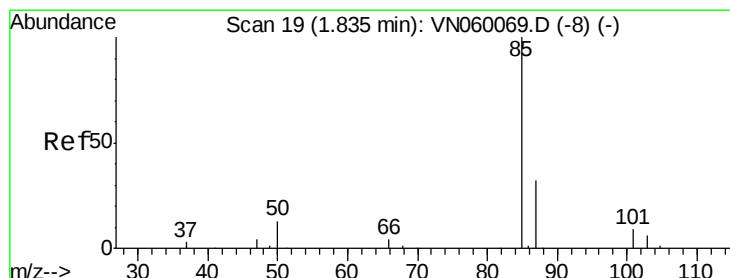
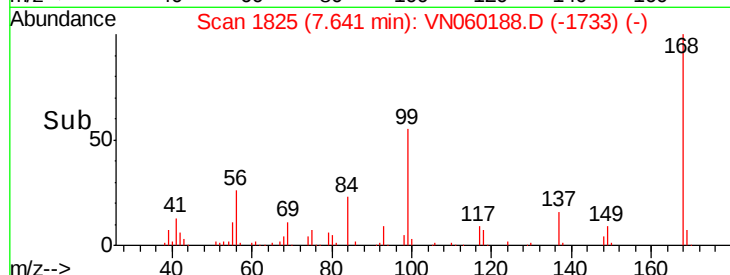
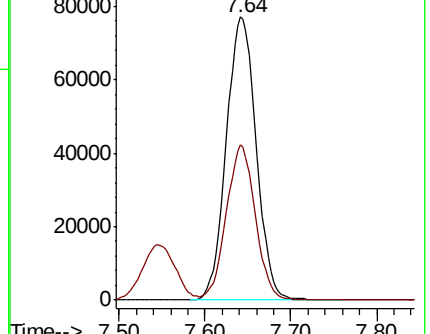
168 100

99 54.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.696 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060188.D

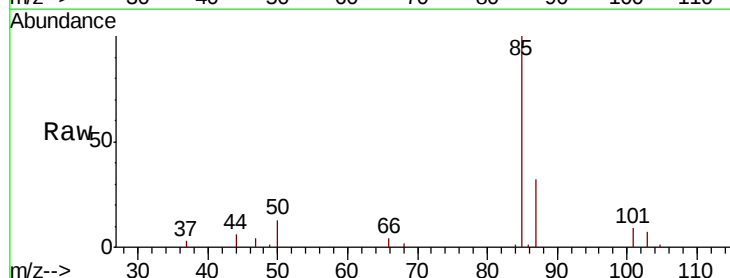
Acq: 21 Feb 2020 14:23

Tgt Ion: 85 Resp: 34770

Ion Ratio Lower Upper

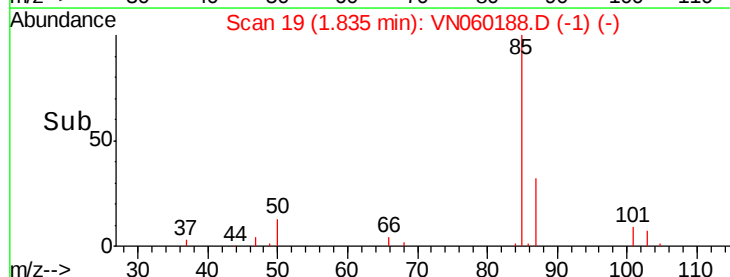
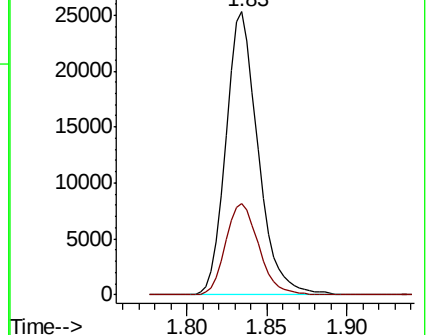
85 100

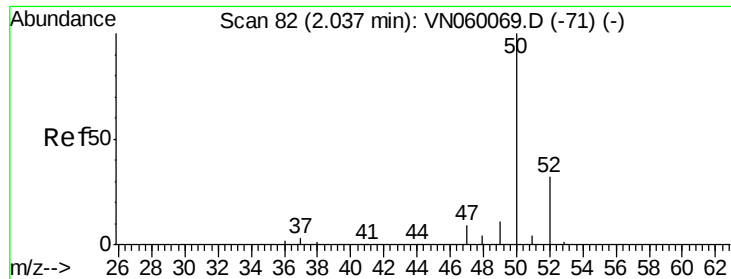
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.399 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

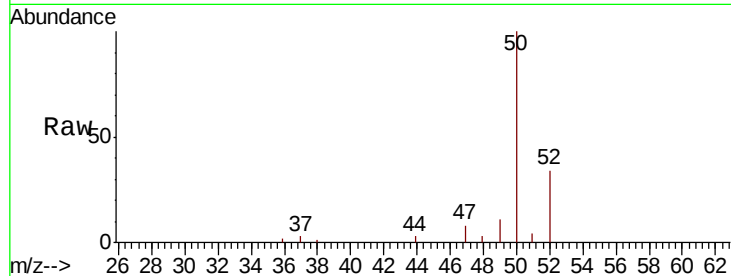
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 40720

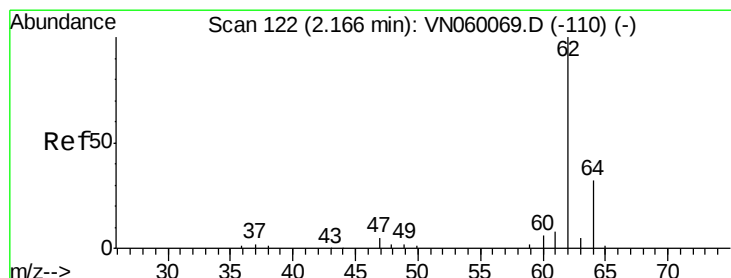
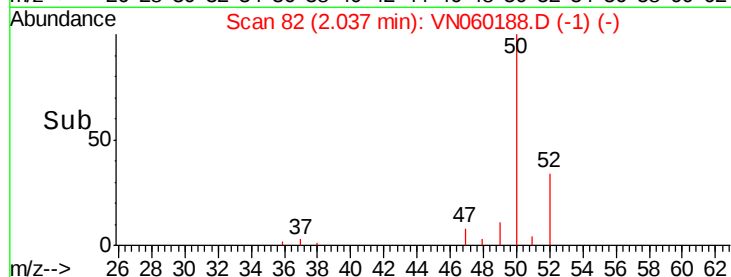
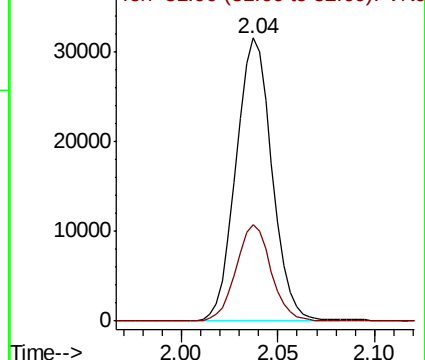
Ion Ratio Lower Upper

50 100

52 34.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0
Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.781 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060188.D

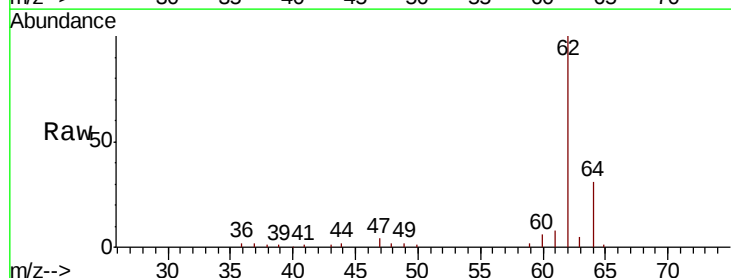
Acq: 21 Feb 2020 14:23

Tgt Ion: 62 Resp: 47379

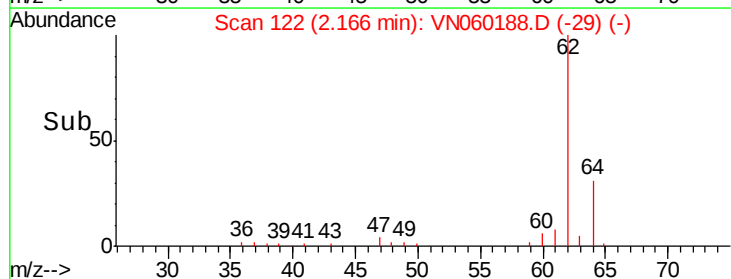
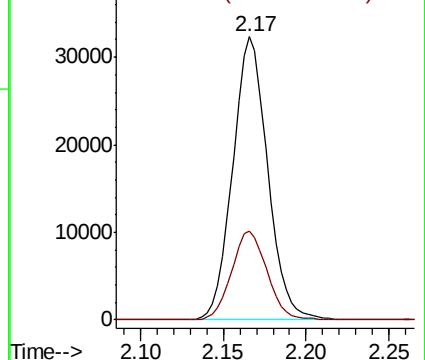
Ion Ratio Lower Upper

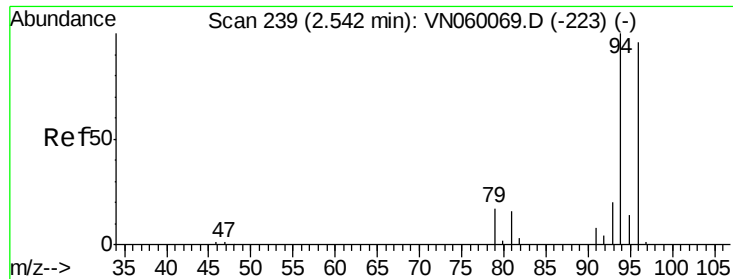
62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 63.90 (63.60 to 64.60): VN0

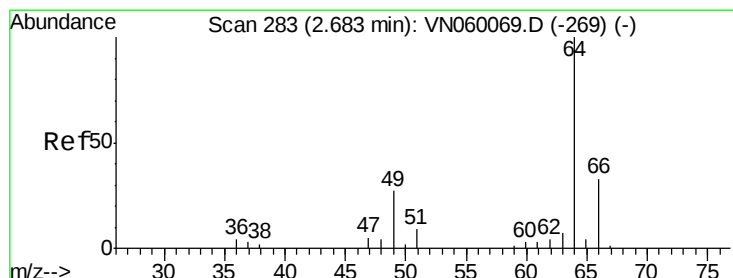
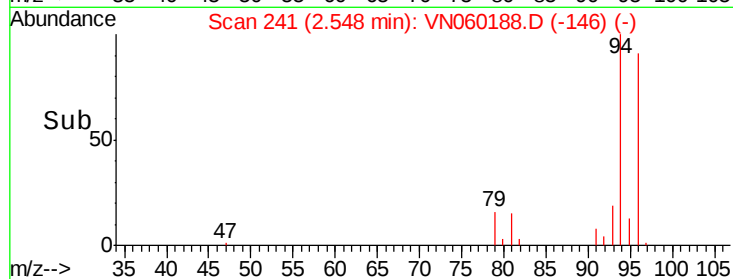
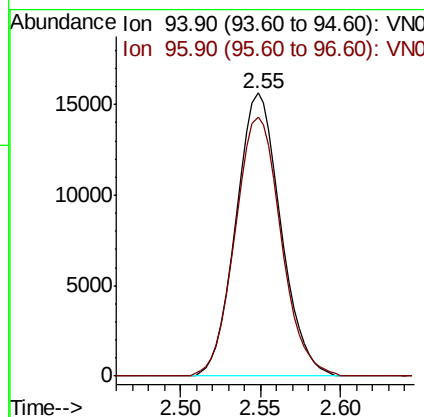
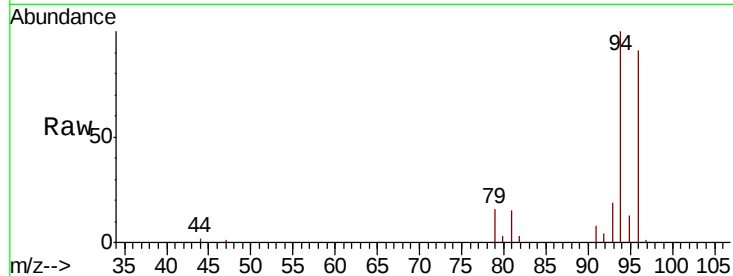




#5
Bromomethane
Concen: 19.251 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

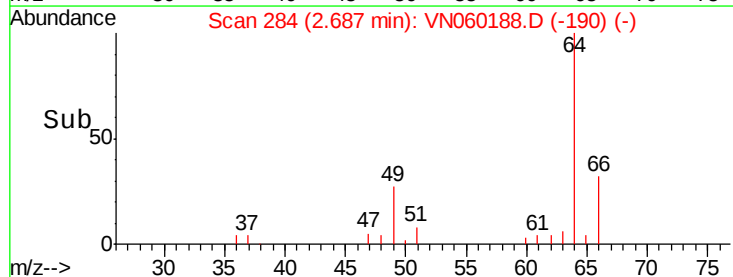
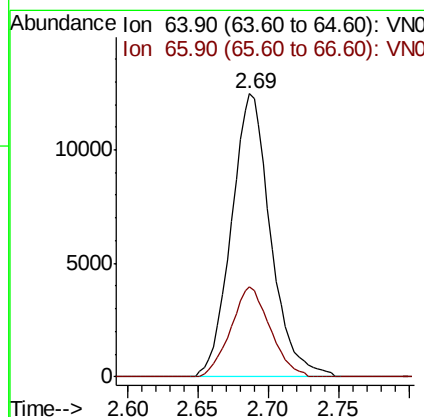
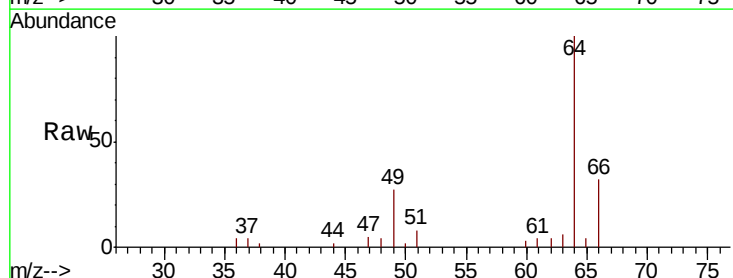
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 29779
Ion Ratio Lower Upper
94 100
96 91.4 76.7 115.1



#6
Chloroethane
Concen: 19.014 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 64 Resp: 24261
Ion Ratio Lower Upper
64 100
66 32.0 26.6 40.0



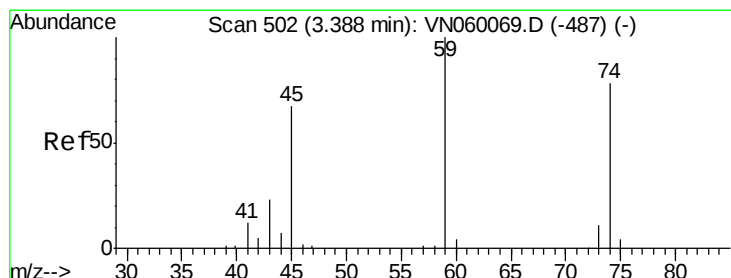
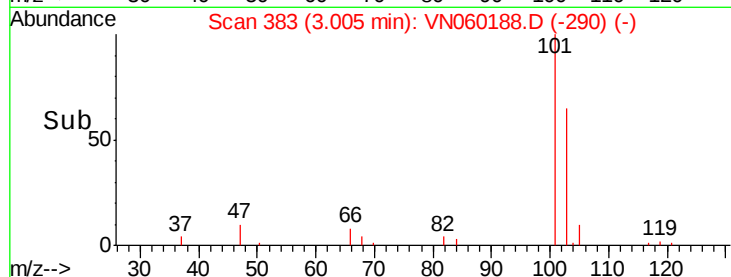
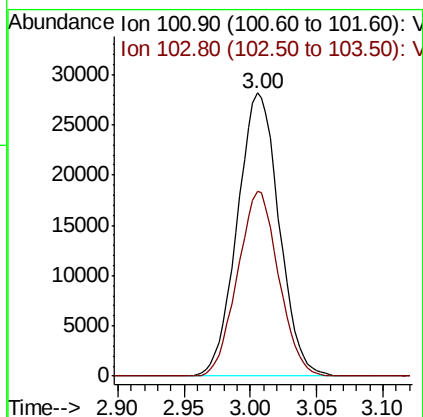
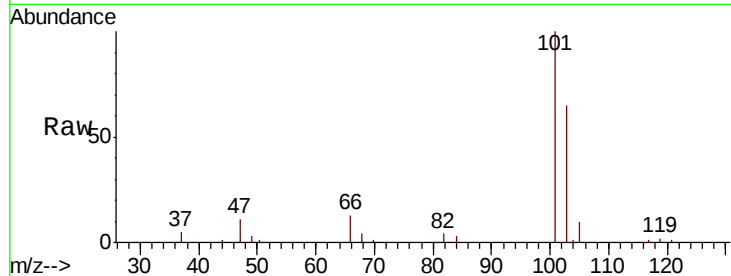


#7

Trichlorofluoromethane
 Concen: 18.984 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :

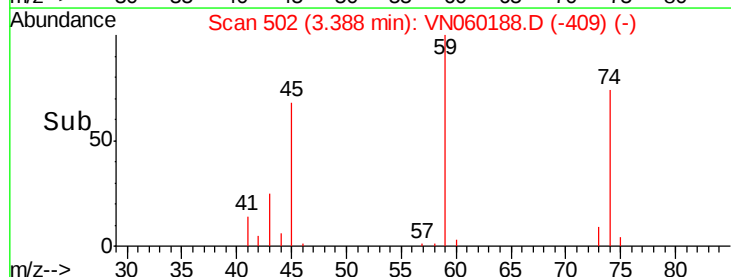
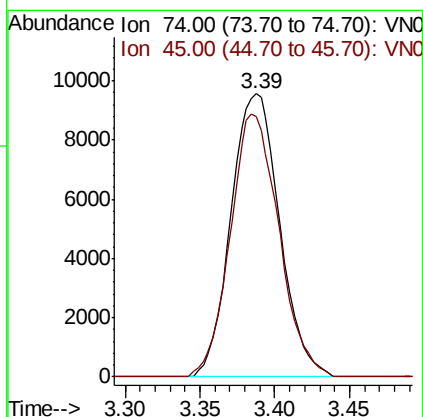
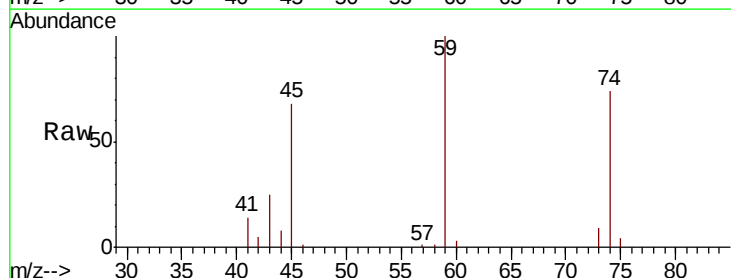
Tot Ion:101 Resp: 61746
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.6



#8

Diethyl Ether
 Concen: 19.991 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion: 74 Resp: 21644
 Ion Ratio Lower Upper
 74 100
 45 92.9 44.7 134.1

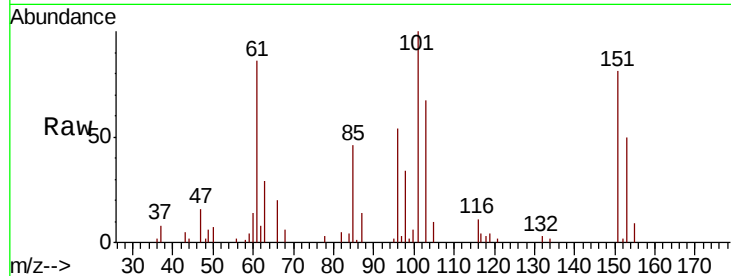




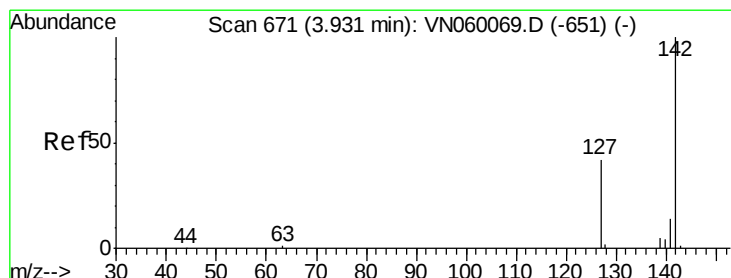
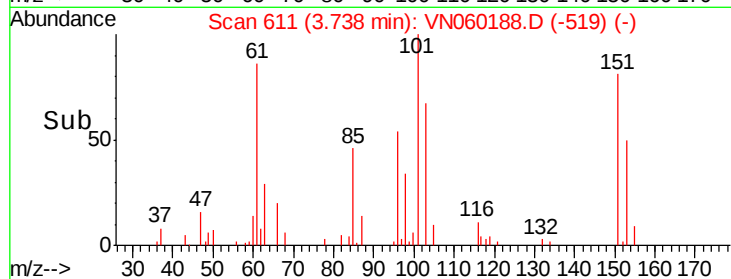
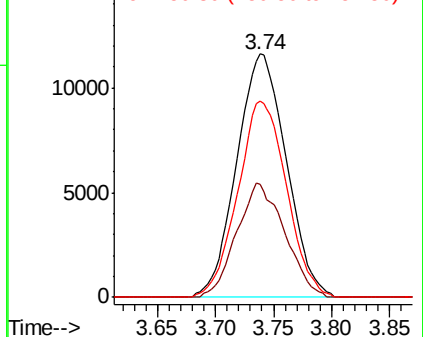
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.125 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 34535
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.1 52.7
 151 79.1 65.8 98.6

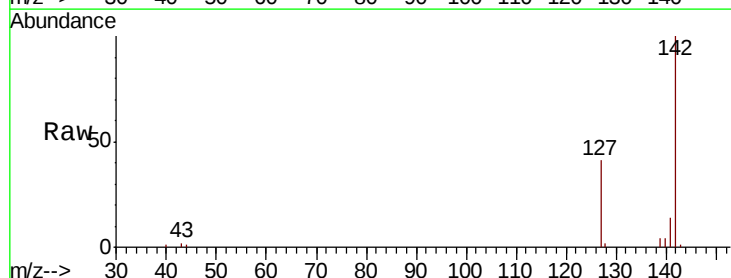


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

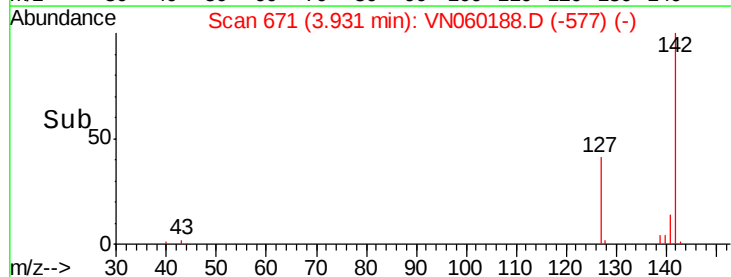
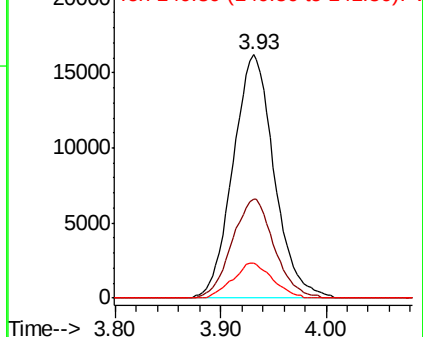


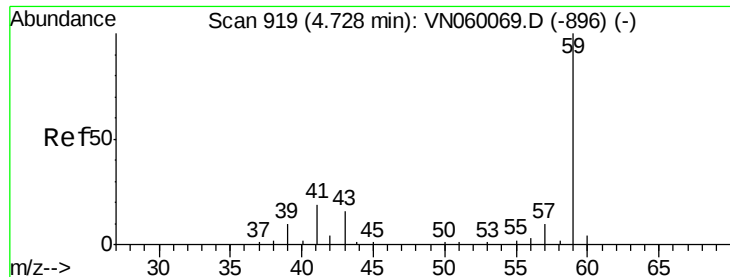
#10
 Methyl Iodide
 Concen: 19.675 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion:142 Resp: 43892
 Ion Ratio Lower Upper
 142 100
 127 41.6 33.6 50.4
 141 14.0 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

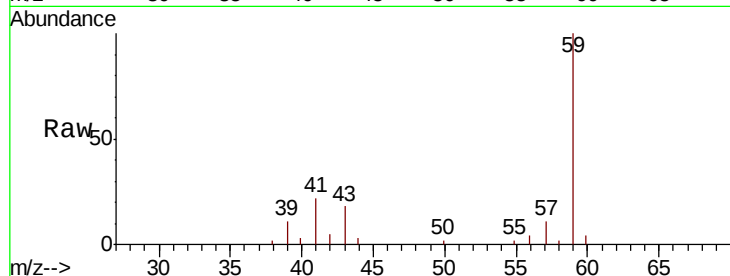




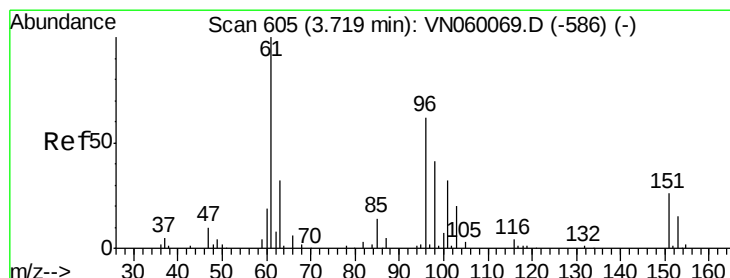
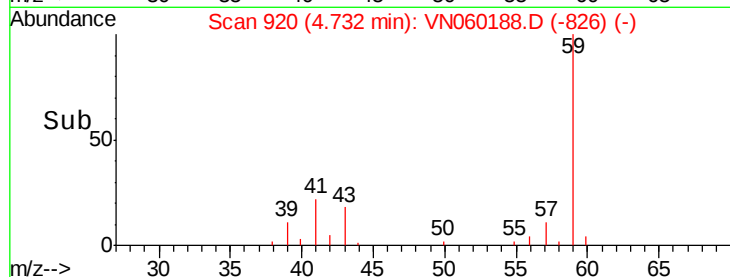
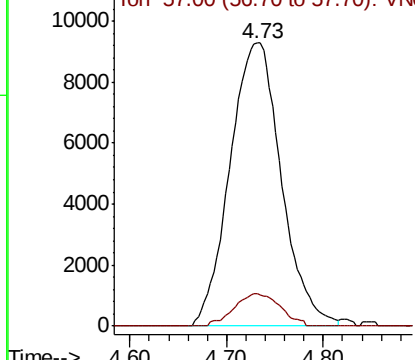
#11
Tert butyl alcohol
Concen: 101.154 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 34271
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

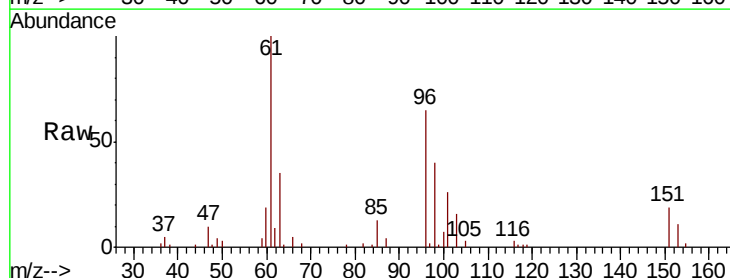


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

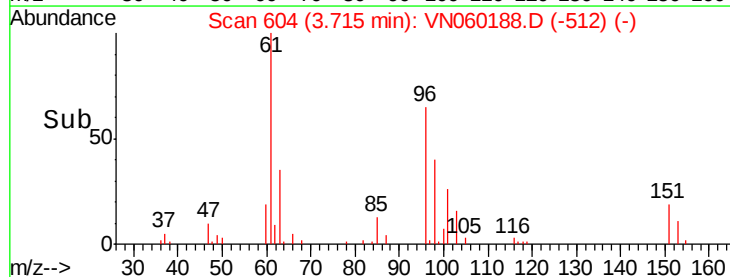
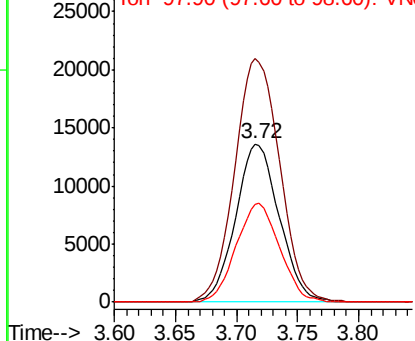


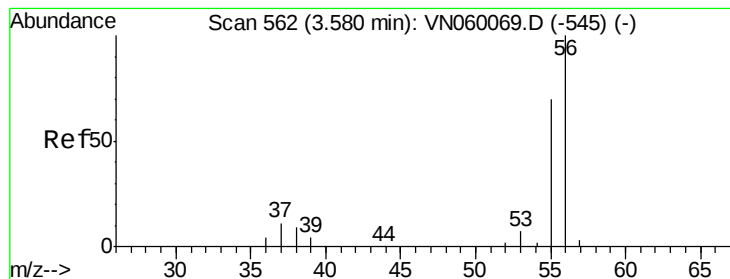
#12
1,1-Dichloroethene
Concen: 19.110 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 96 Resp: 33616
Ion Ratio Lower Upper
96 100
61 153.7 128.3 192.5
98 61.9 52.2 78.4



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





#13

Acrolein

Concen: 81.777 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

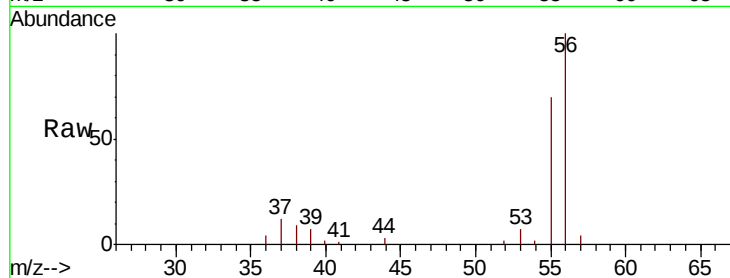
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 27386

Ion Ratio Lower Upper

56 100

55 71.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)

12000

10000

8000

6000

4000

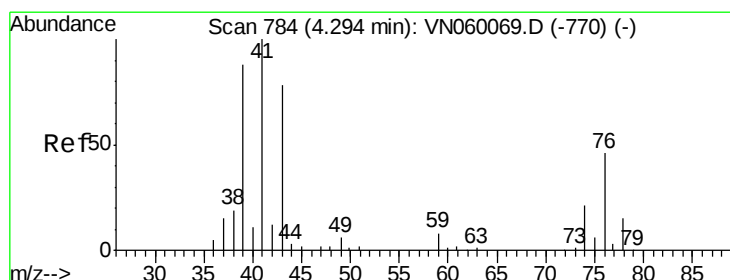
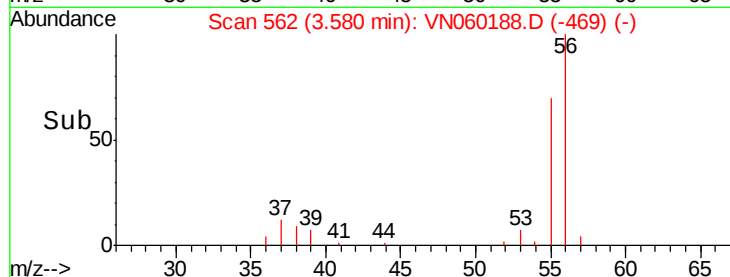
2000

0

Time-->

3.50 3.55 3.60 3.65

3.58



#14

Allyl chloride

Concen: 18.973 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

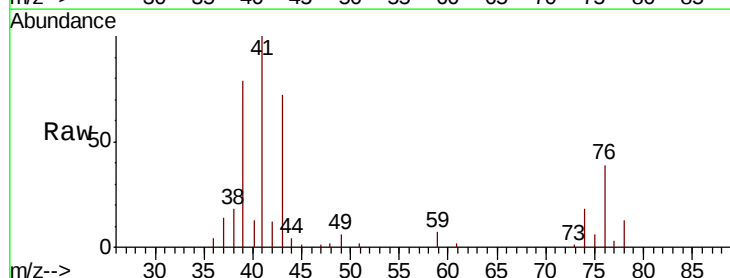
Tgt Ion: 41 Resp: 49124

Ion Ratio Lower Upper

41 100

39 82.7 67.8 101.8

76 40.9 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)

20000

15000

10000

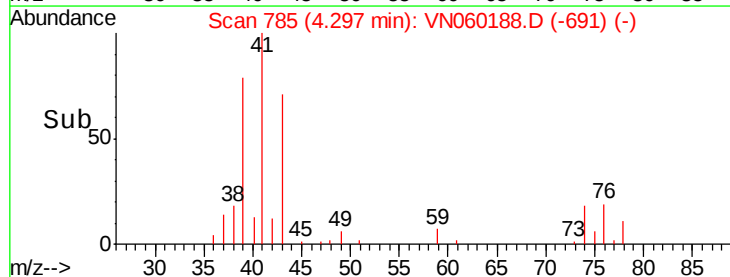
5000

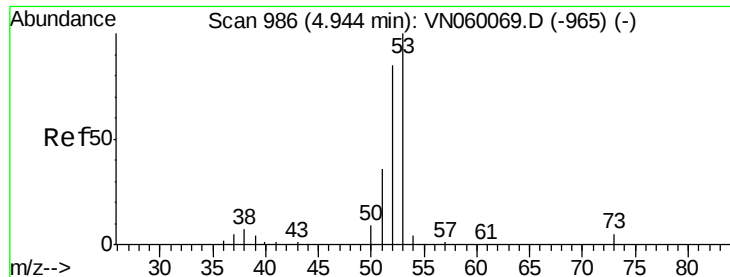
0

Time-->

4.20 4.30 4.40

4.30





#15

Acrylonitrile

Concen: 106.019 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

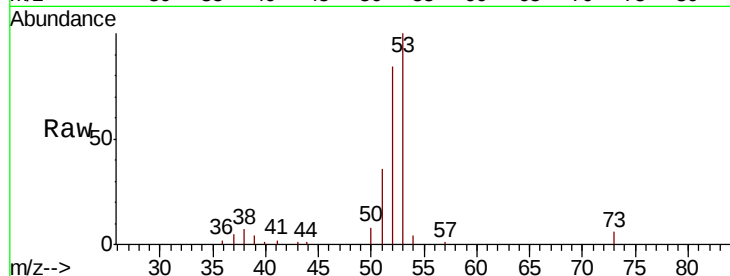
Tot Ion: 53 Resp: 87720

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

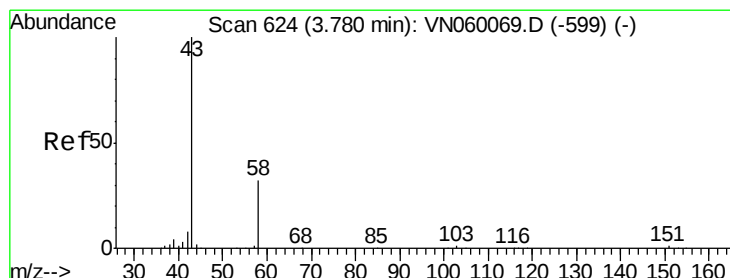
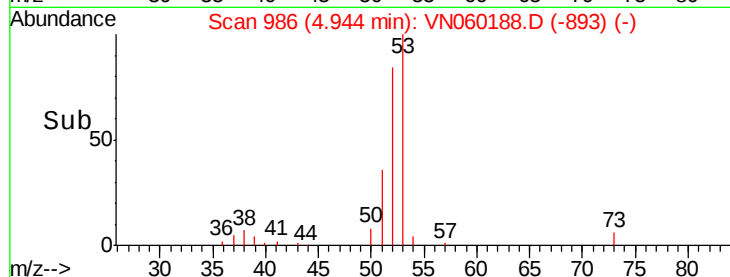
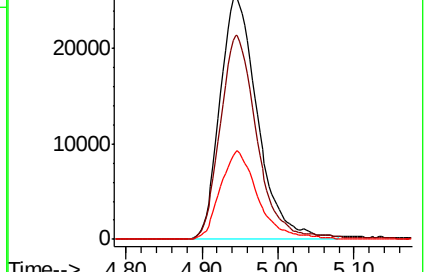
51 36.5 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060069.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060069.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060069.D (-965) (-)



#16

Acetone

Concen: 85.788 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060188.D

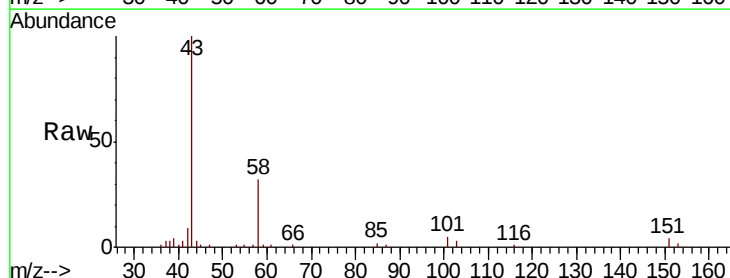
Acq: 21 Feb 2020 14:23

Tgt Ion: 43 Resp: 84721

Ion Ratio Lower Upper

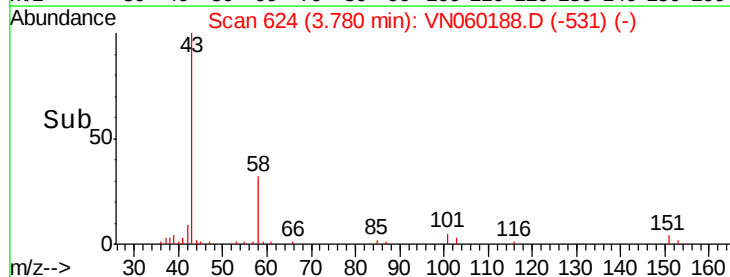
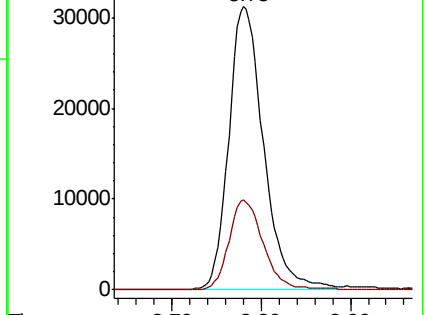
43 100

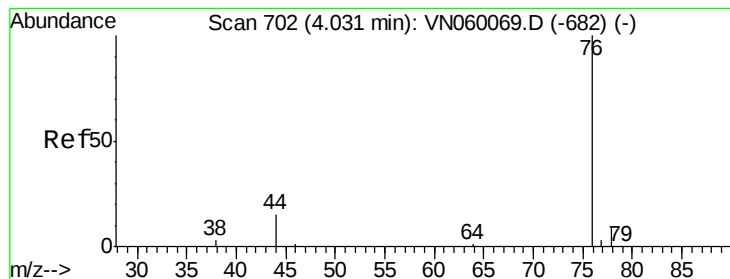
58 31.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-599) (-)





#17

Carbon Disulfide

Concen: 17.687 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

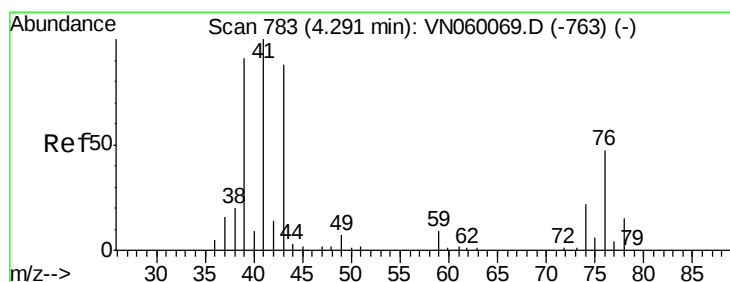
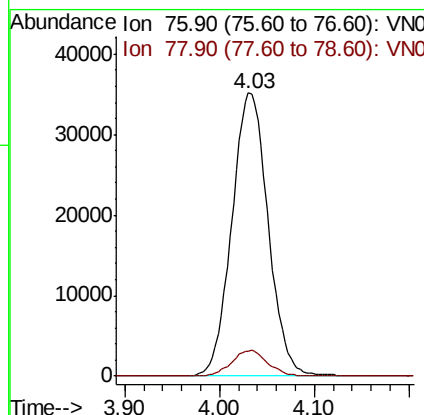
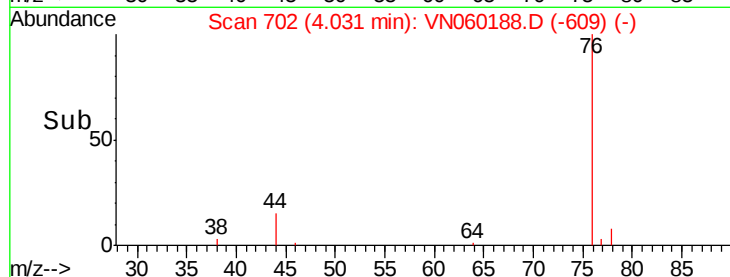
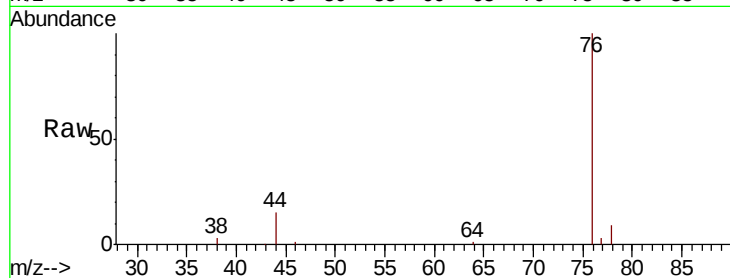
ClientSampleId :

Tot Ion: 76 Resp: 93782

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 21.450 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN060188.D

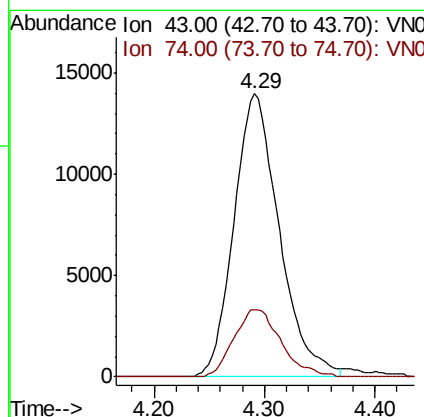
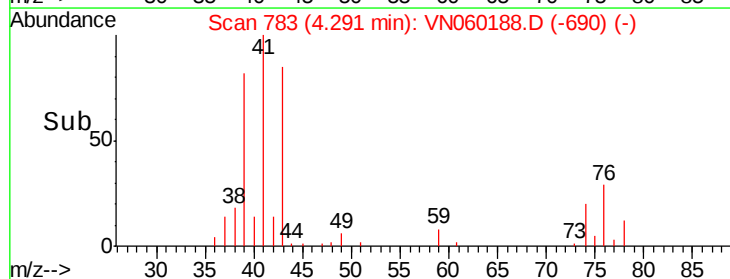
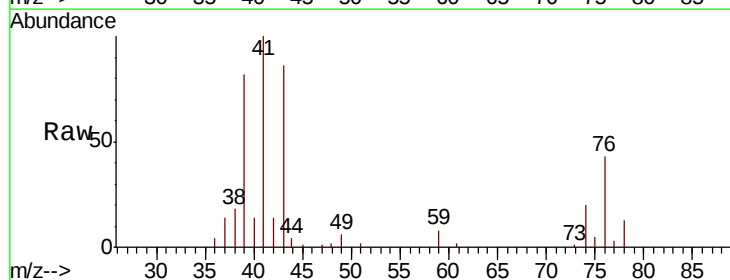
Acq: 21 Feb 2020 14:23

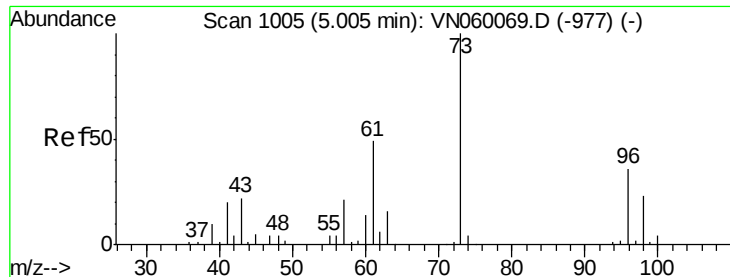
Tgt Ion: 43 Resp: 39792

Ion Ratio Lower Upper

43 100

74 24.8 20.3 30.5

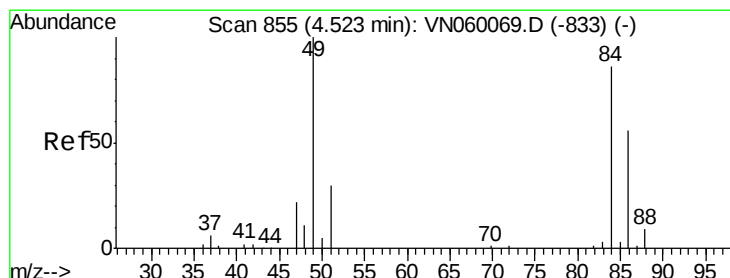
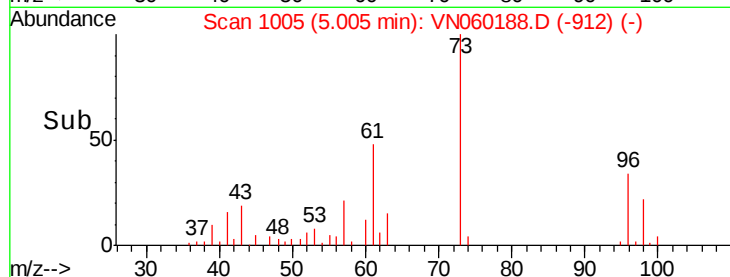
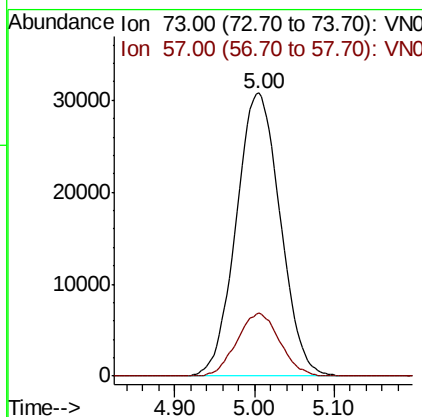
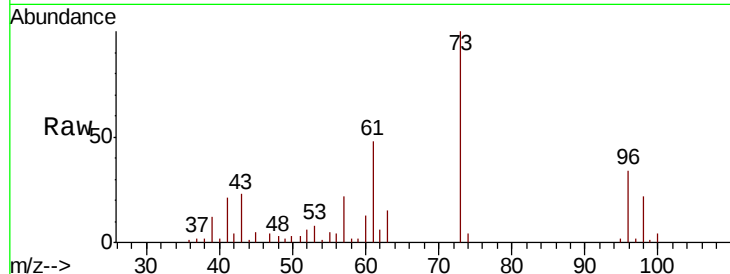




#19
Methvl tert-butvl Ether
Concen: 19.533 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

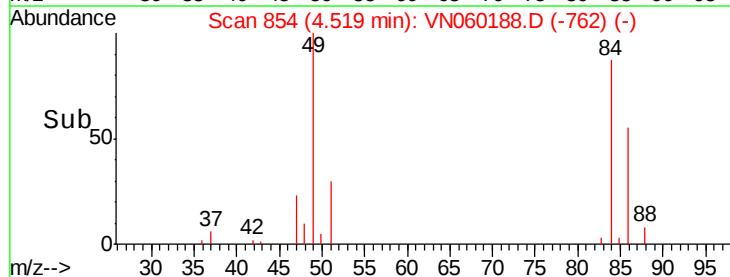
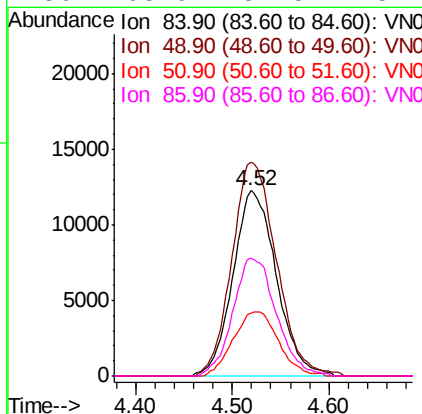
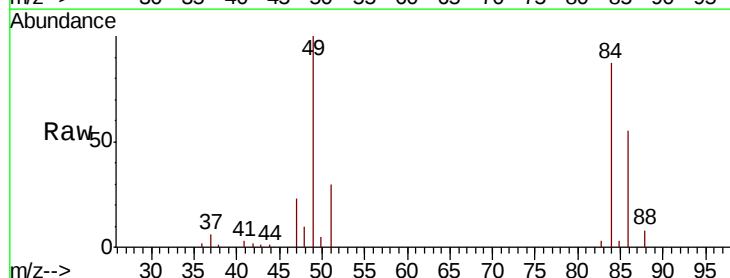
Instrument :
MSVOA_N
ClientSampleId :

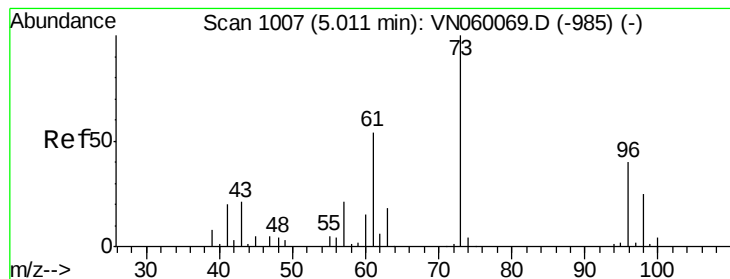
Tot Ion: 73 Resp: 11551
Ion Ratio Lower Upper
73 100
57 22.2 17.2 25.8



#20
Methylene Chloride
Concen: 19.435 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 84 Resp: 38292
Ion Ratio Lower Upper
84 100
49 115.4 93.4 140.0
51 34.1 28.4 42.6
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.822 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

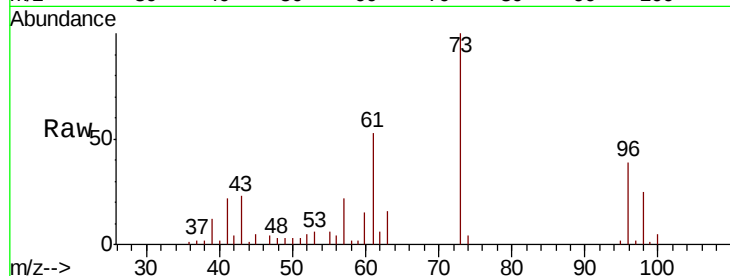
Tot Ion: 96 Resp: 36092

Ion Ratio Lower Upper

96 100

61 137.0 109.3 163.9

98 63.8 51.0 76.6

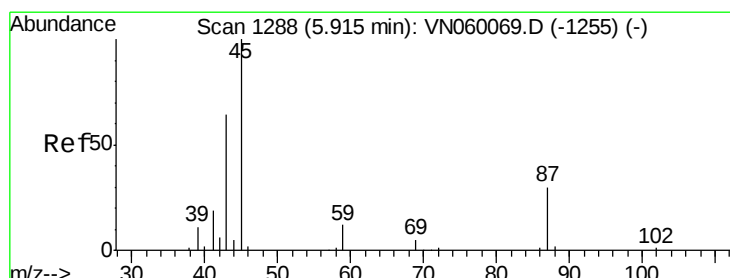
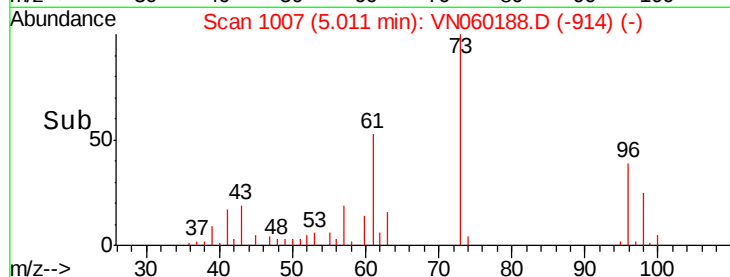
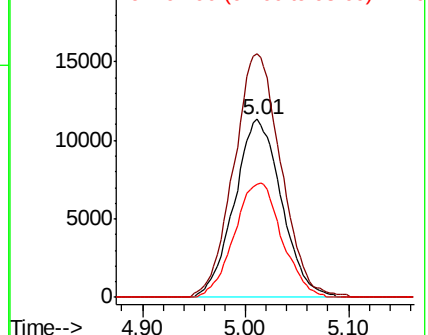


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.964 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Tgt Ion: 45 Resp: 113286

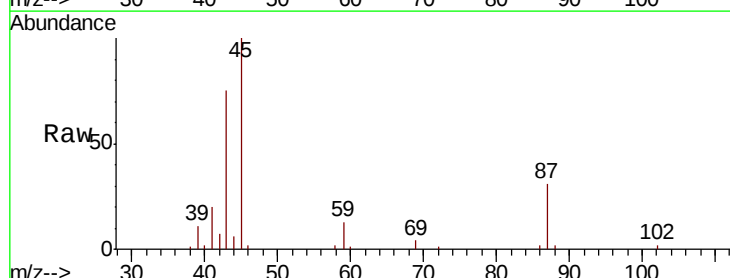
Ion Ratio Lower Upper

45 100

43 72.7 55.9 83.9

87 30.8 24.5 36.7

59 12.7 9.9 14.9



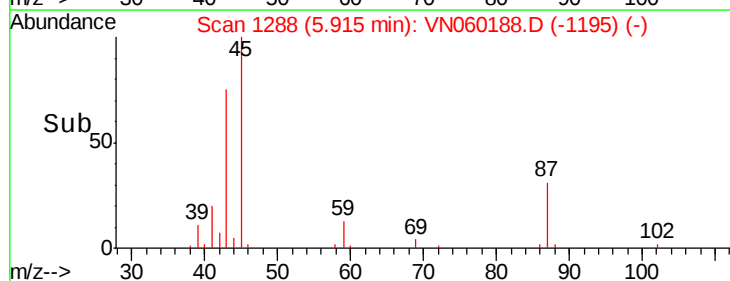
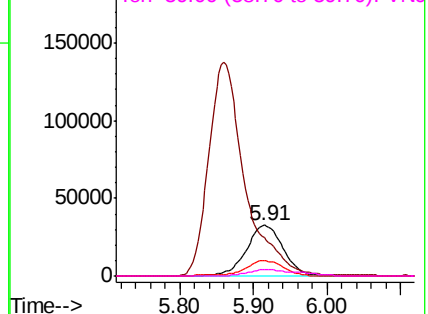
Abundance

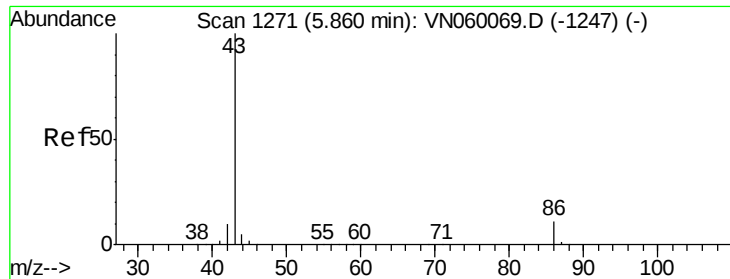
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

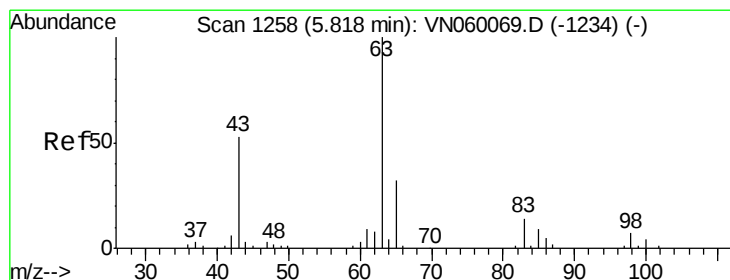
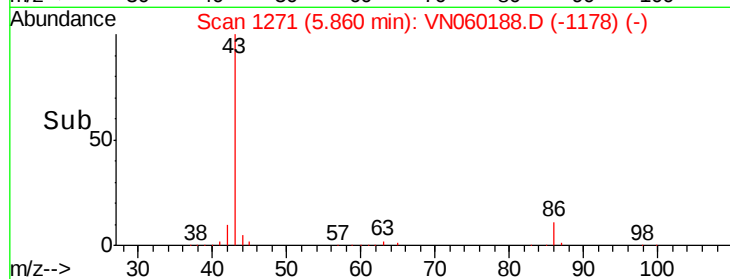
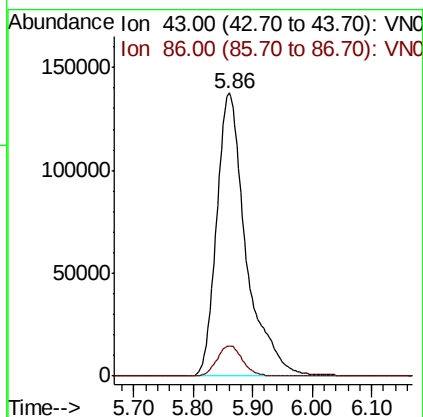
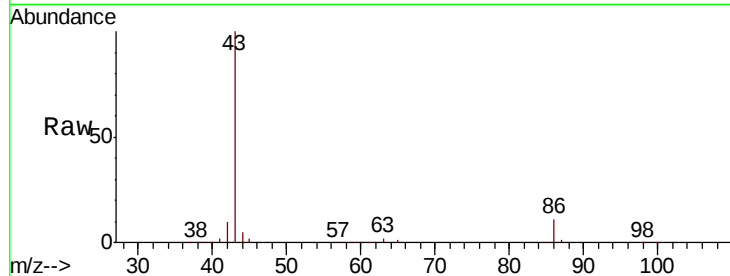




#23
 Vinyl Acetate
 Concen: 99.244 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

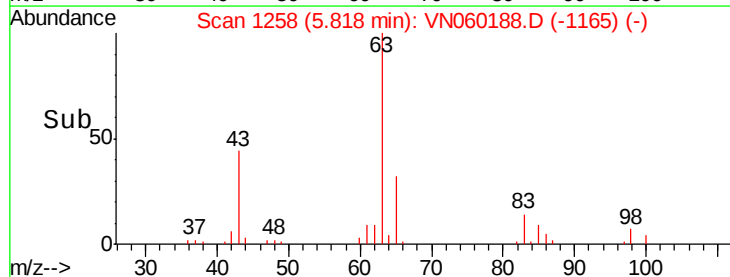
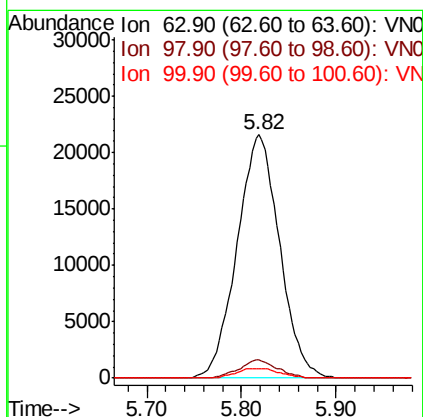
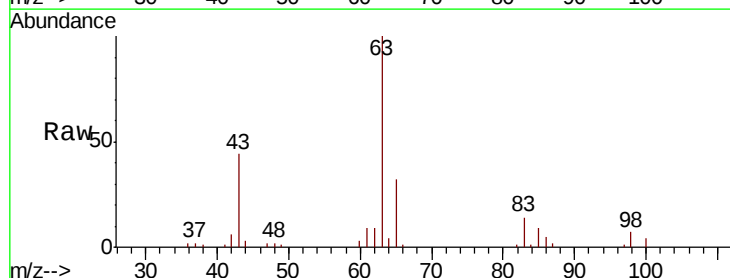
Instrument :
 MSVOA_N
 ClientSampleId :

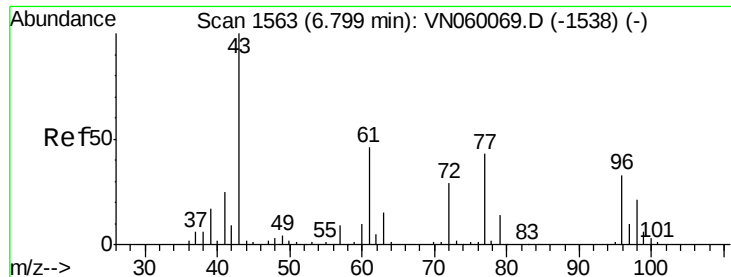
Tot Ion: 43 Resp: 472914
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.597 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion: 63 Resp: 67366
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 95.672 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

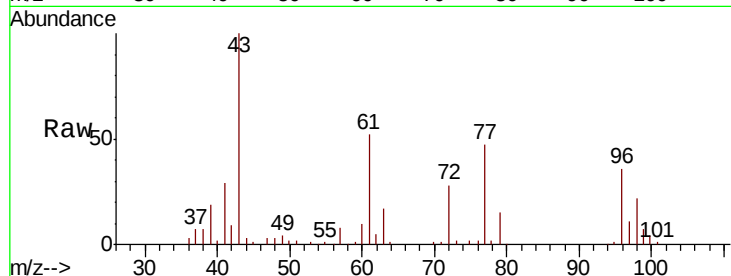
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 118827

Ion Ratio Lower Upper

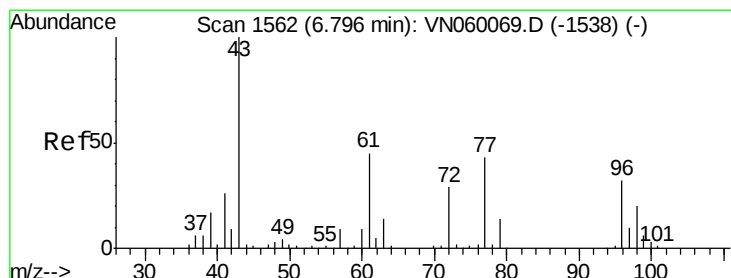
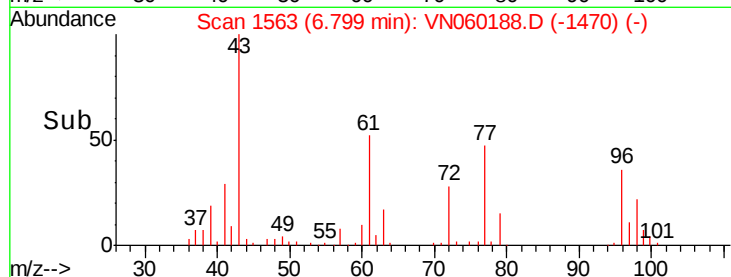
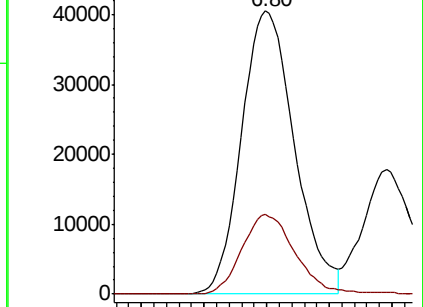
43 100

72 28.0 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: 19.279 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060188.D

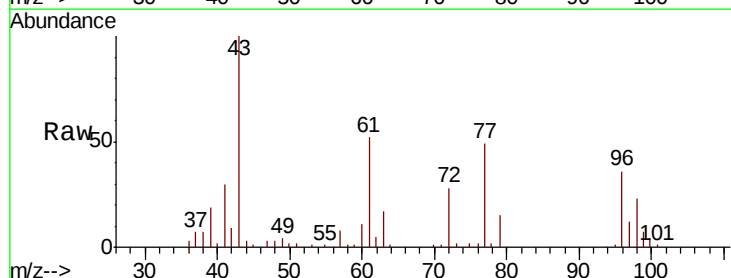
Acq: 21 Feb 2020 14:23

Tgt Ion: 77 Resp: 62945

Ion Ratio Lower Upper

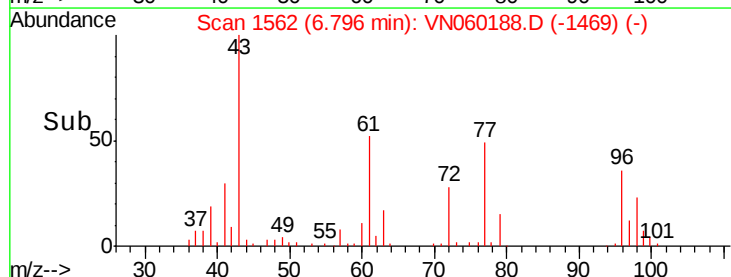
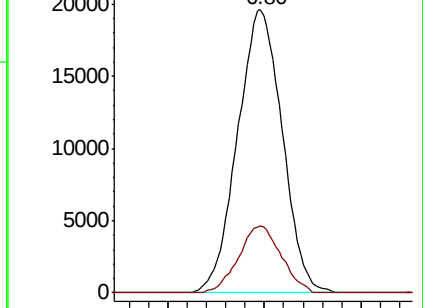
77 100

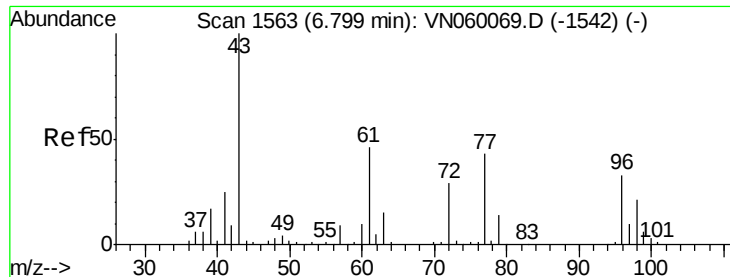
97 22.6 11.4 34.2



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: 19.012 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

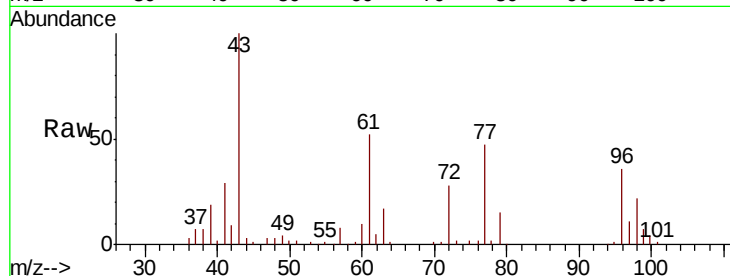
Tot Ion: 96 Resp: 42666

Ion Ratio Lower Upper

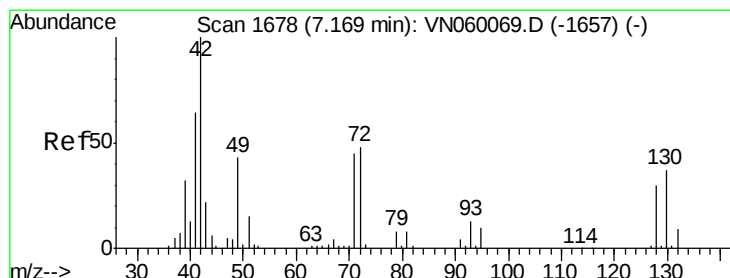
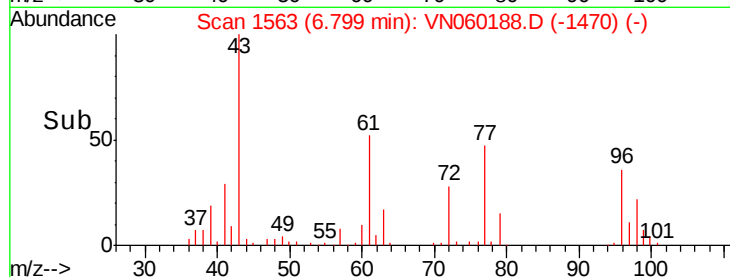
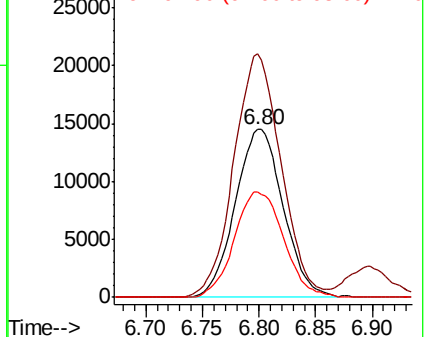
96 100

61 143.1 0.0 285.8

98 64.6 0.0 129.6



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



#28

Bromochloromethane

Concen: 18.561 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

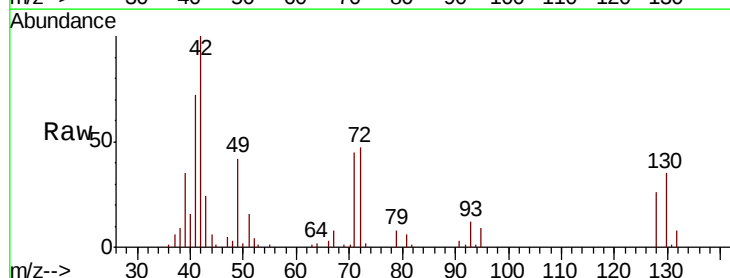
Tgt Ion: 49 Resp: 25083

Ion Ratio Lower Upper

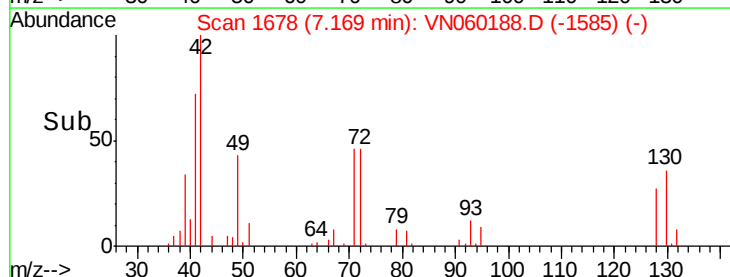
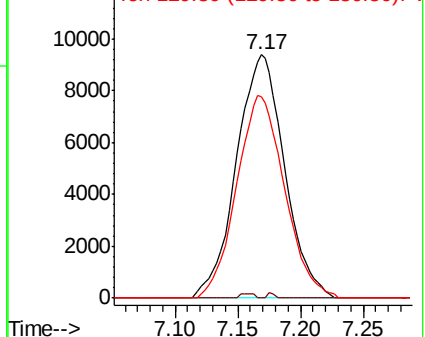
49 100

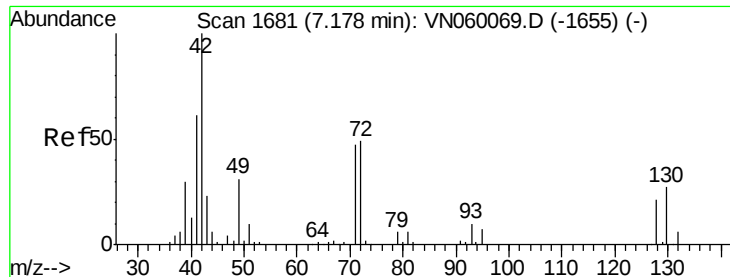
129 0.5 0.0 2.2

130 82.8 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

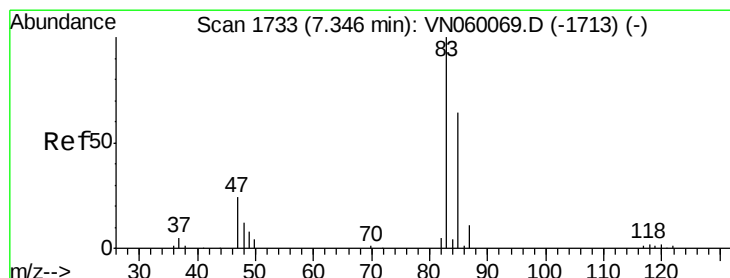
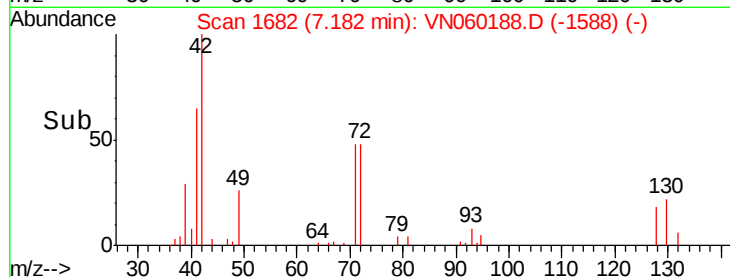
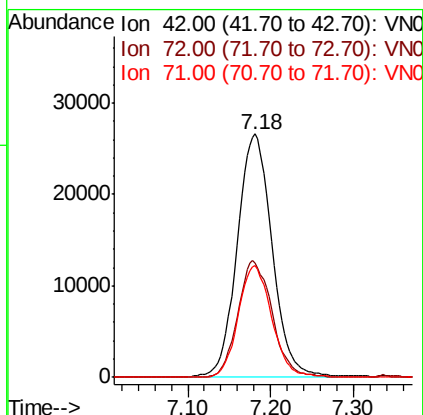
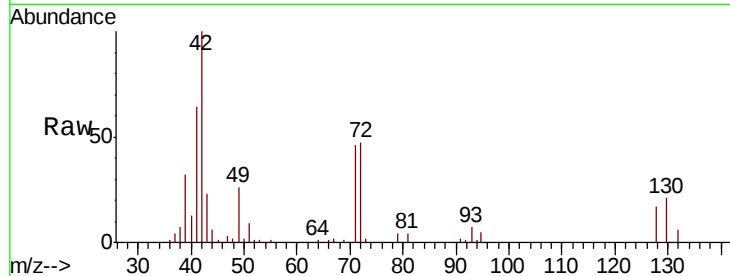




#29
Tetrahydrofuran
Concen: 102.598 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

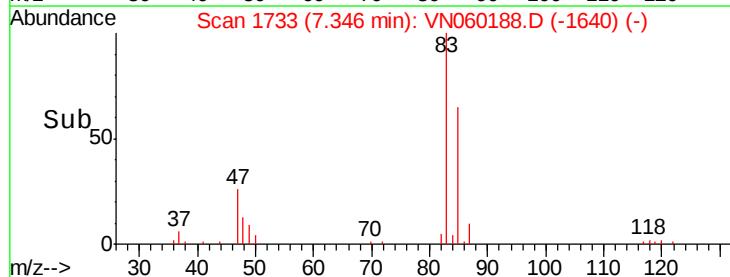
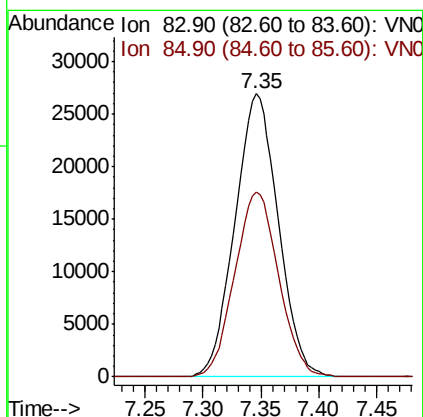
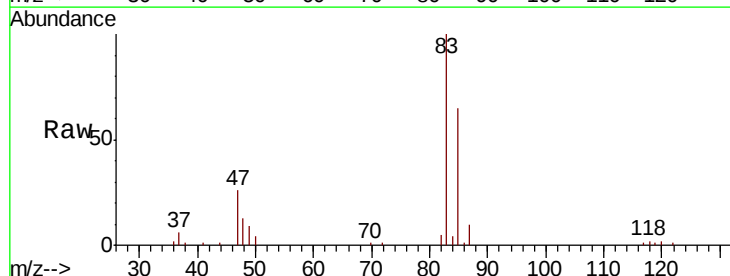
Instrument :
MSVOA_N
ClientSampled :

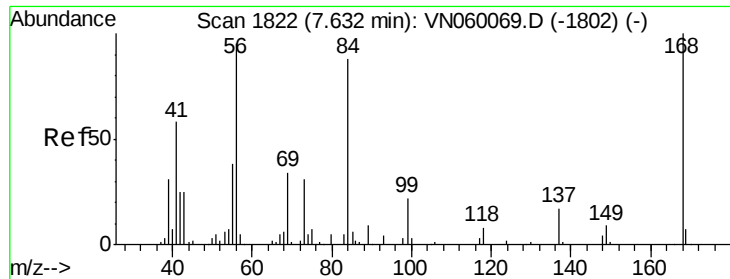
Tot Ion: 42 Resp: 78176
Ion Ratio Lower Upper
42 100
72 46.9 38.2 57.4
71 44.1 36.6 54.8



#30
Chloroform
Concen: 19.407 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 83 Resp: 69883
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0

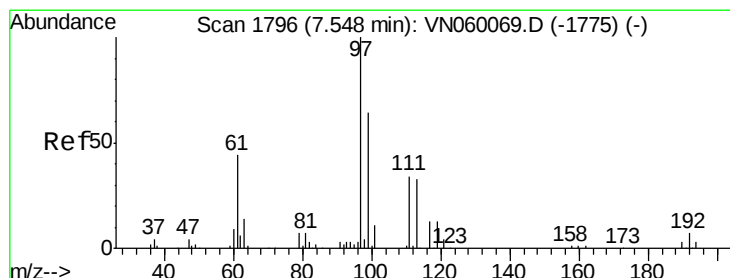
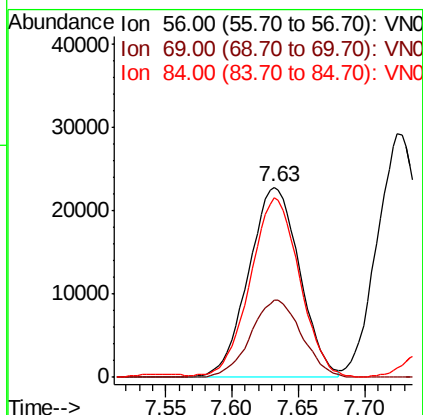
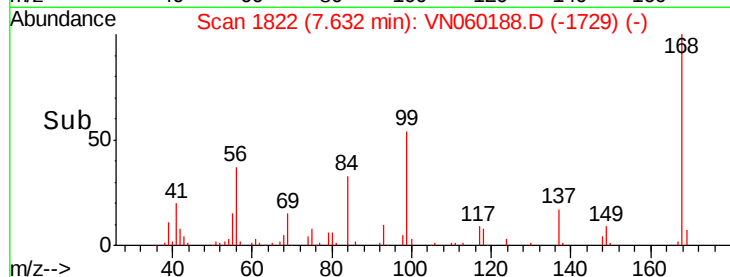
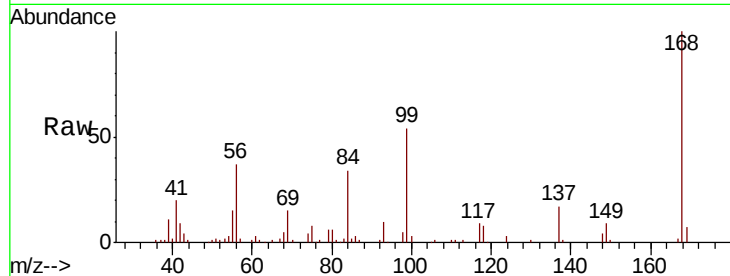




#31
Cyclohexane
Concen: 19.114 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

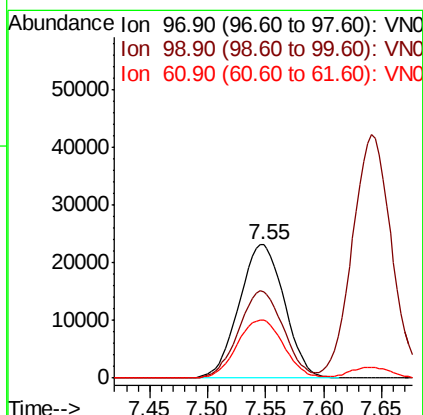
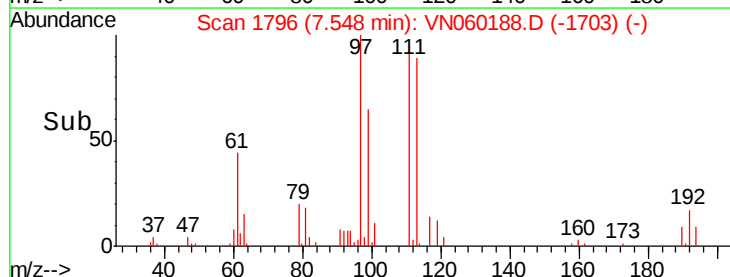
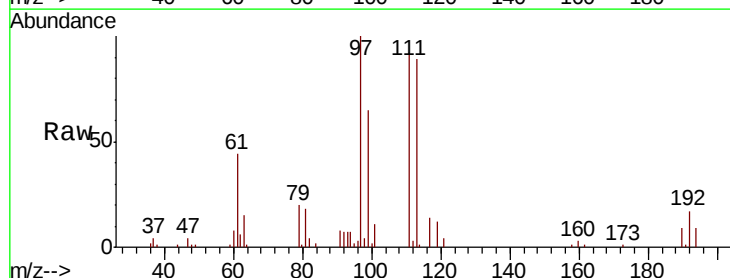
Instrument :
MSVOA_N
ClientSampleId :

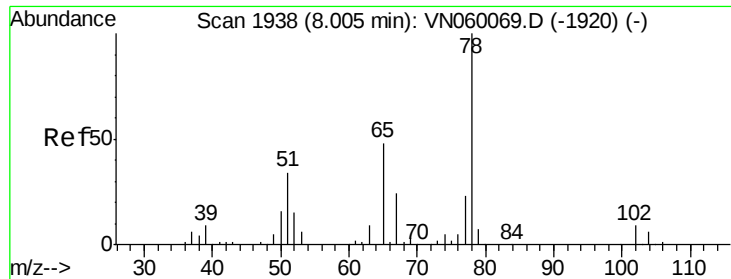
Tot Ion: 56 Resp: 61204
Ion Ratio Lower Upper
56 100
69 40.7 28.3 42.5
84 93.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.082 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 97 Resp: 62791
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 44.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 51.174 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

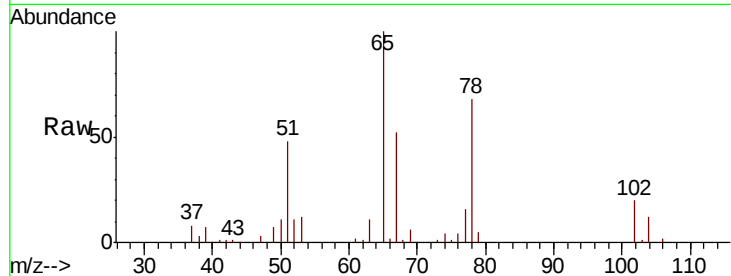
ClientSampleId :

Tot Ion: 65 Resp: 115860

Ion Ratio Lower Upper

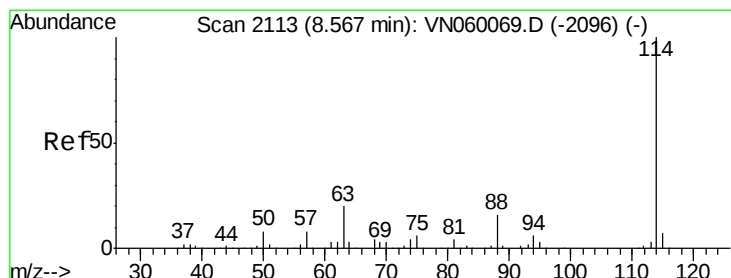
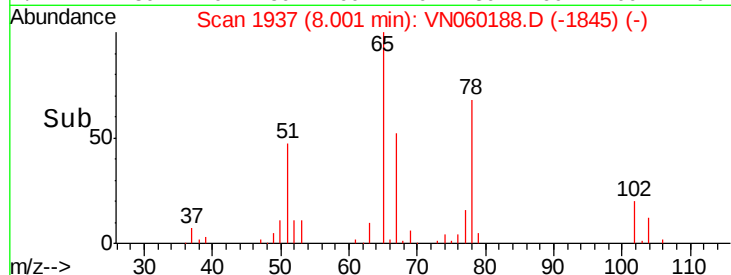
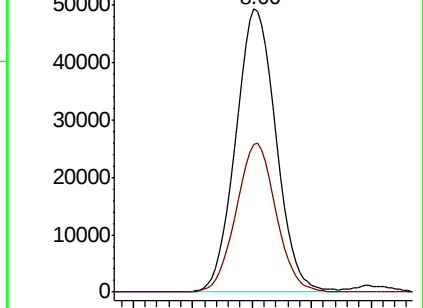
65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

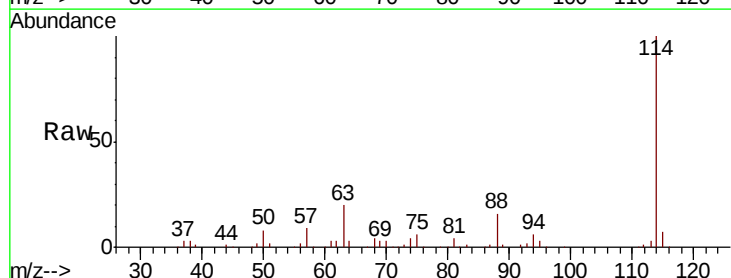
Tgt Ion: 114 Resp: 294296

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

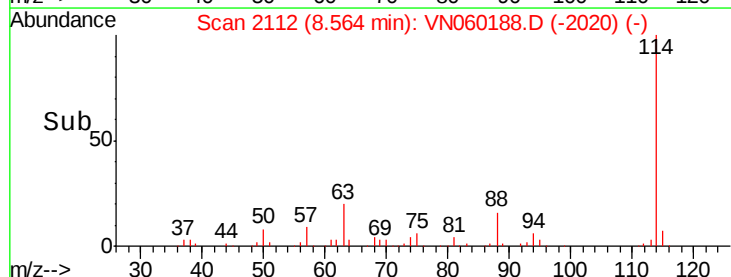
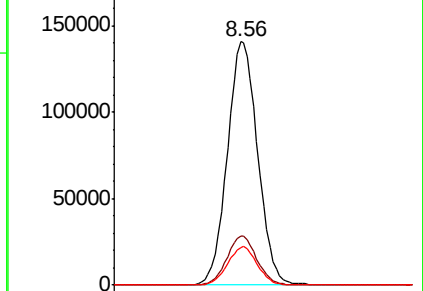
88 15.5 0.0 31.6

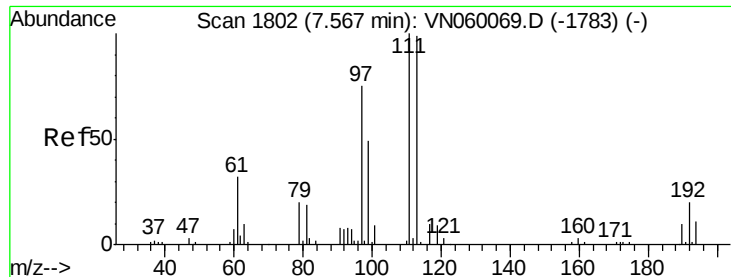


Abundance Ion 113.90 (113.60 to 114.60): VN060069.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN060069.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN060069.D (-2096) (-)

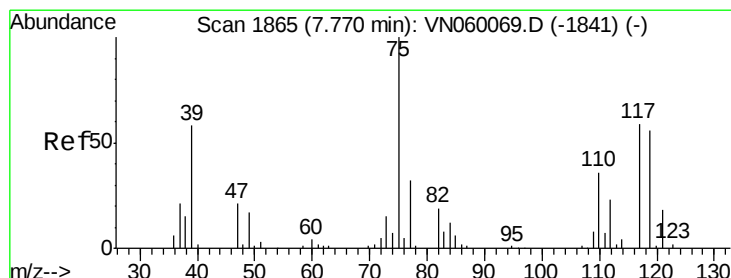
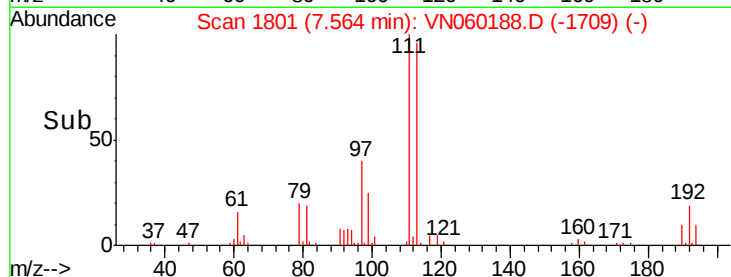
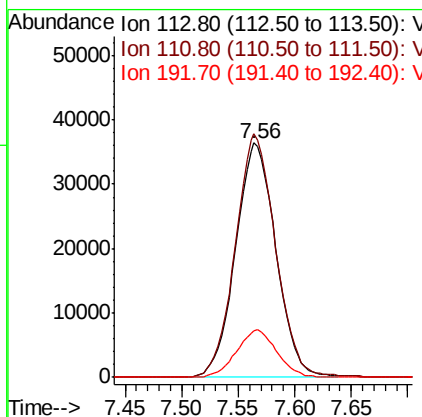
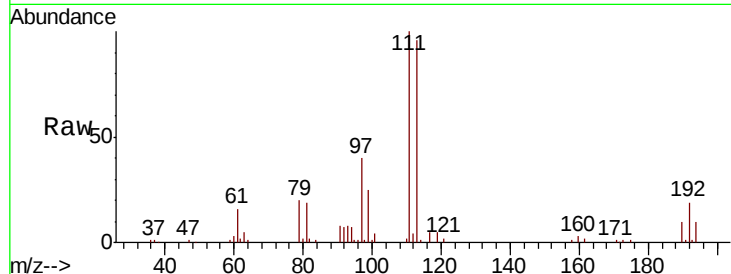




#35
 Dibromofluoromethane
 Concen: 49.972 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

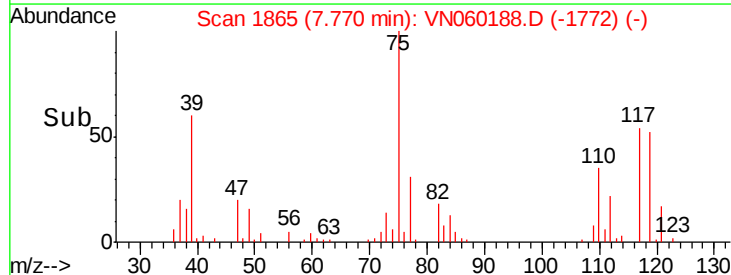
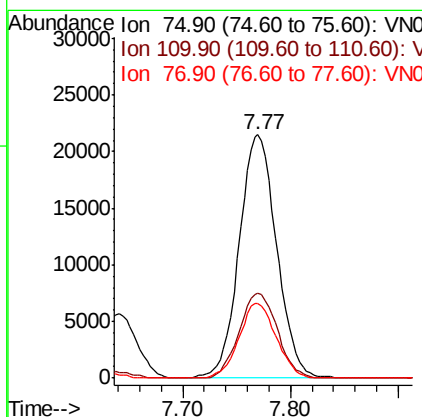
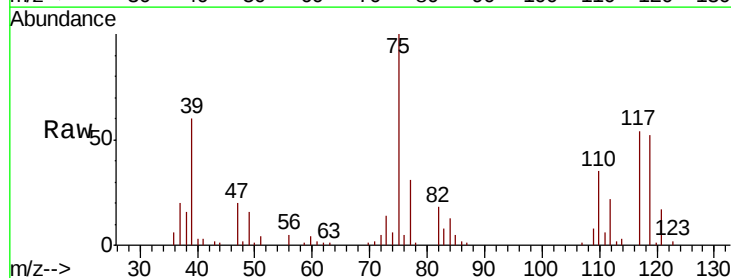
Instrument :
 MSVOA_N
 ClientSampleId :

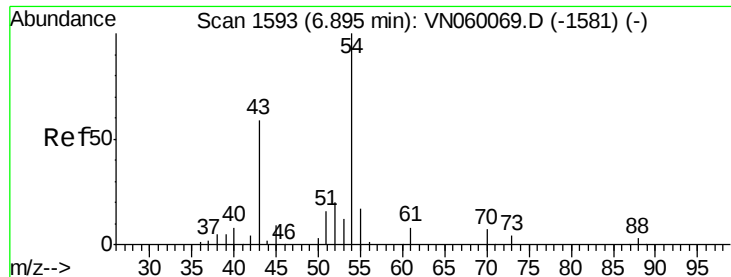
Tot Ion:113 Resp: 90402
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.4 122.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.053 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion: 75 Resp: 51936
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.1 54.3
 77 30.6 25.1 37.7

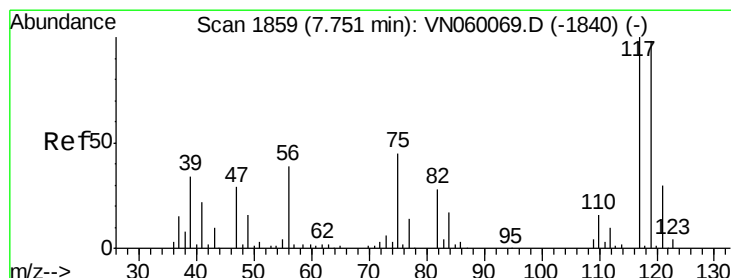
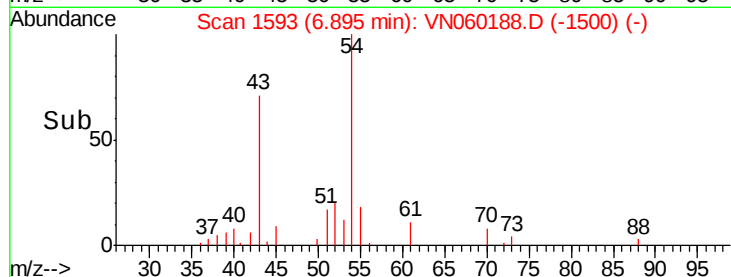
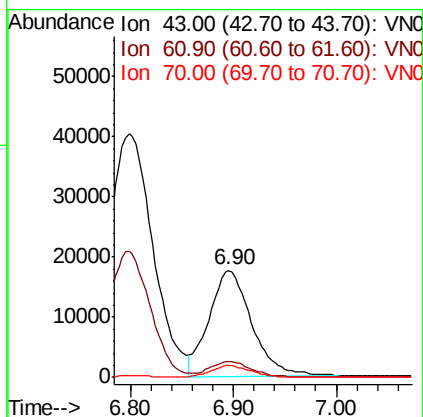
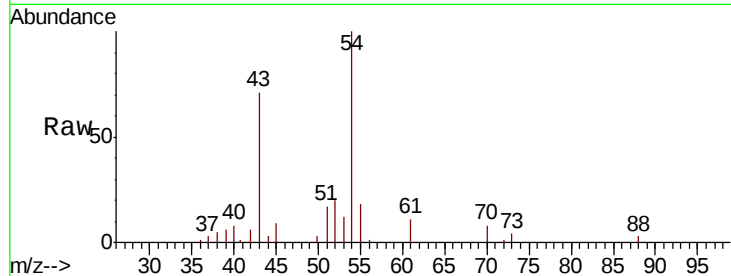




#37
Ethyl Acetate
Concen: 20.313 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

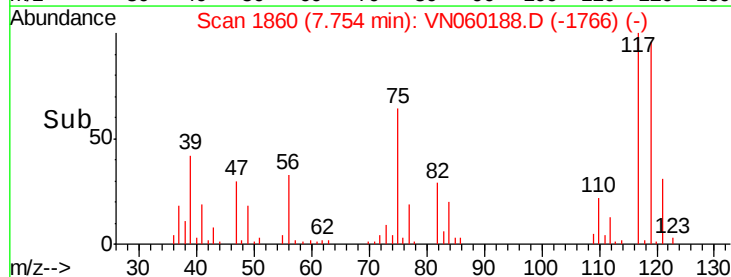
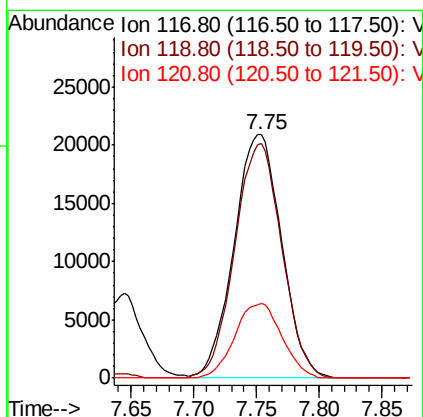
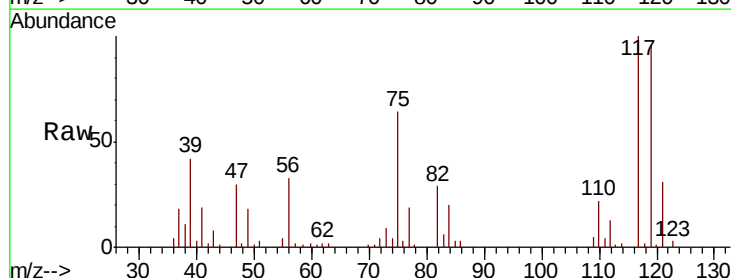
Instrument :
MSVOA_N
ClientSampled :

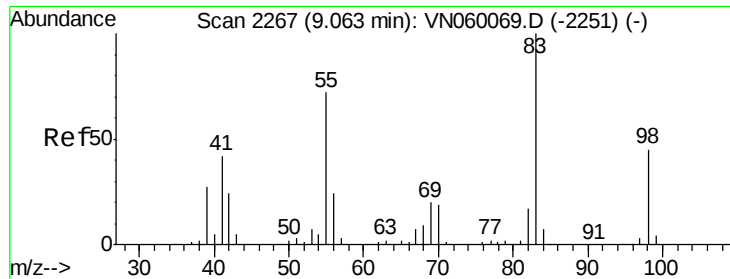
Tot Ion: 43 Resp: 50042
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.2
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.603 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 117 Resp: 55072
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4
121 30.7 24.2 36.2

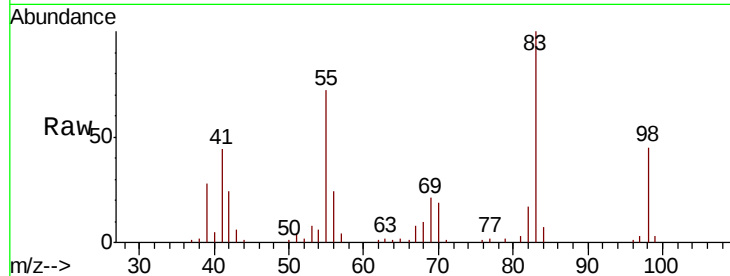




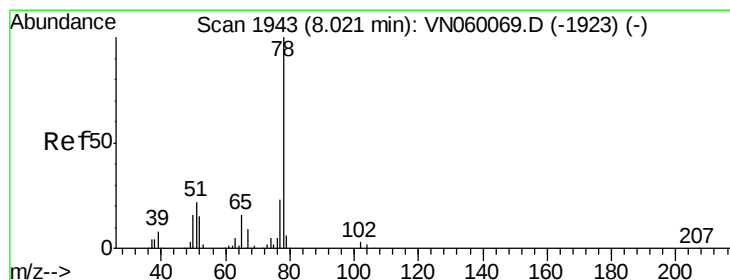
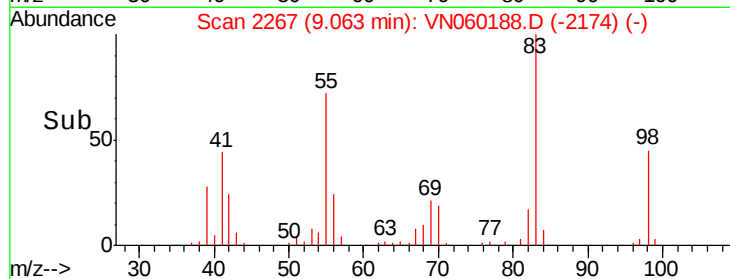
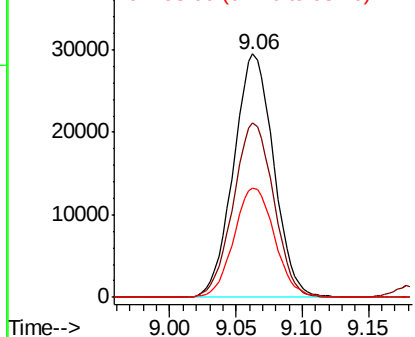
#39
Methvlcvclohexane
Concen: 18.323 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 61999
Ion Ratio Lower Upper
83 100
55 71.7 57.8 86.8
98 45.1 36.4 54.6

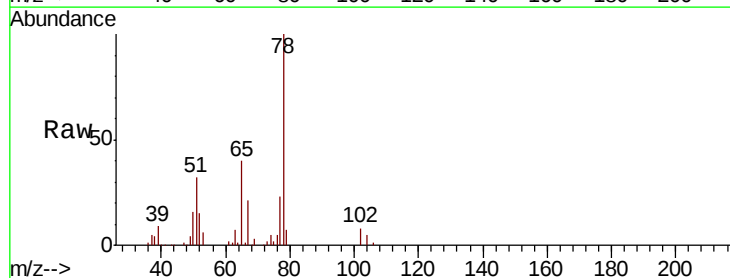


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

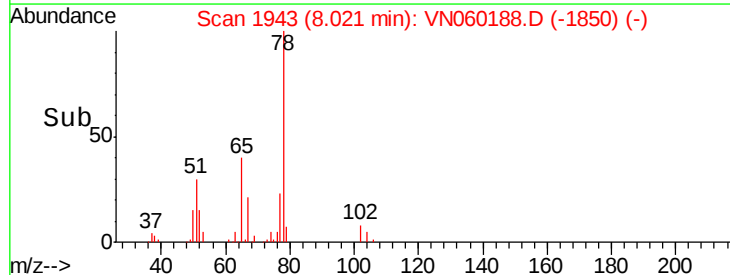
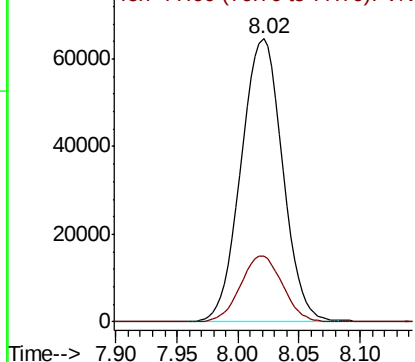


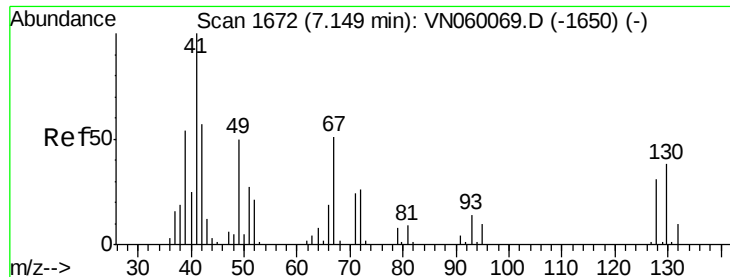
#40
Benzene
Concen: 18.842 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 78 Resp: 152355
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

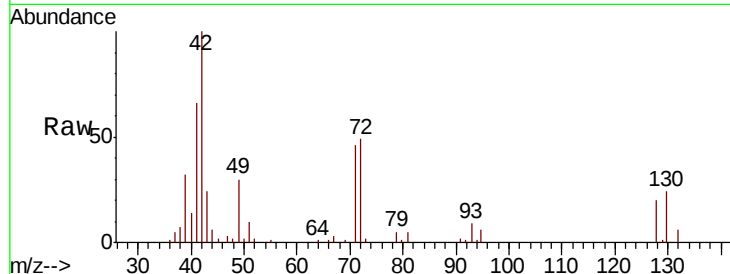




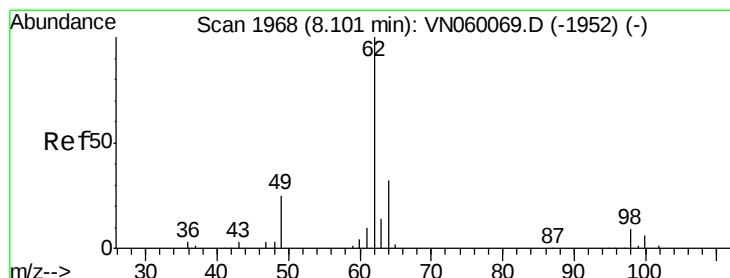
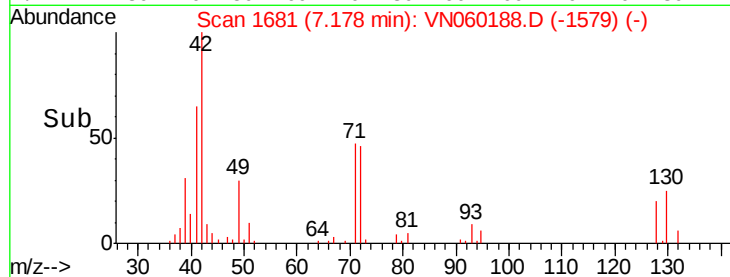
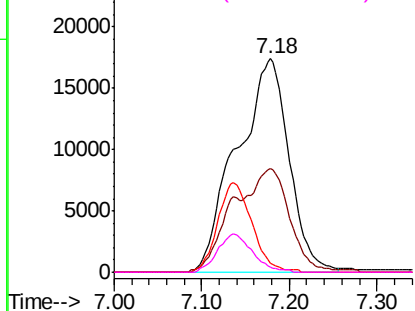
#41
Methacrylonitrile
Concen: 69.580 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	71887
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

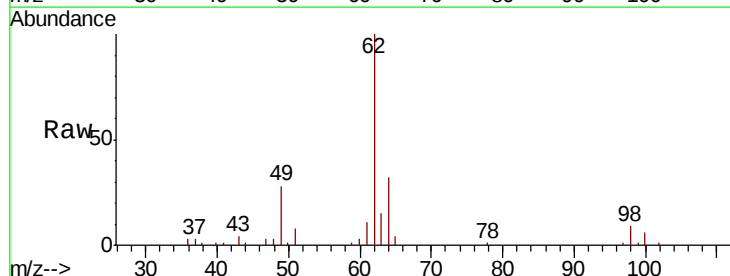


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

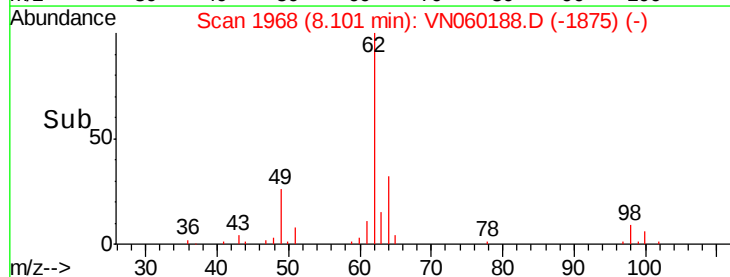
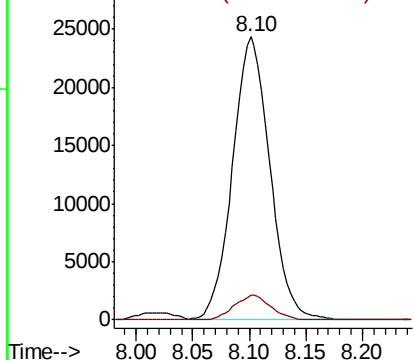


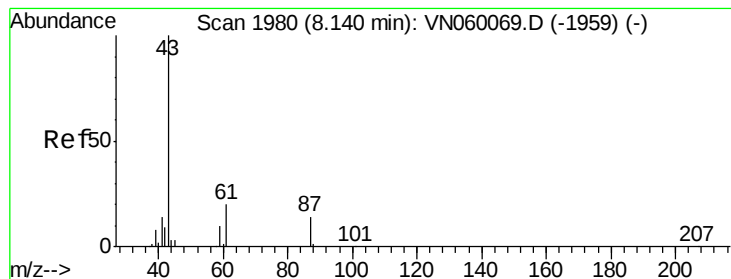
#42
1,2-Dichloroethane
Concen: 19.725 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:	62	Resp:	55901
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 19.869 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

ClientSampled :

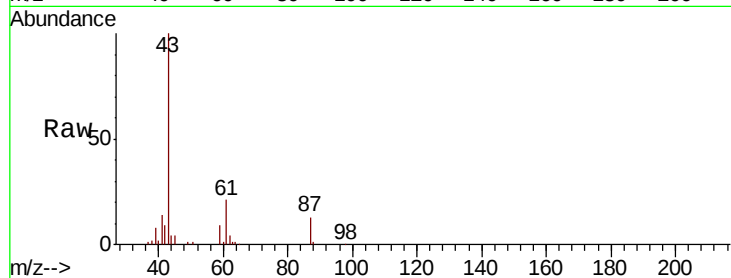
Tot Ion: 43 Resp: 83676

Ion Ratio Lower Upper

43 100

61 26.7 21.8 32.6

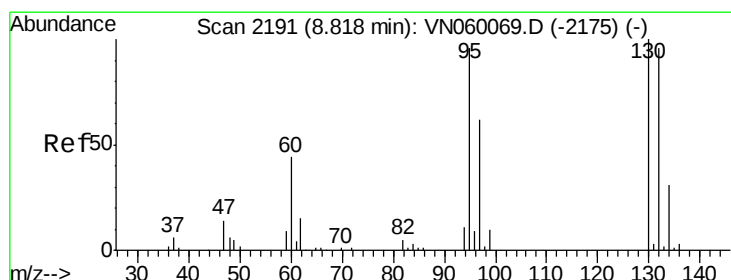
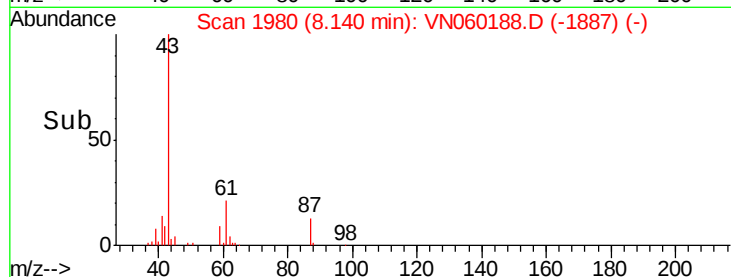
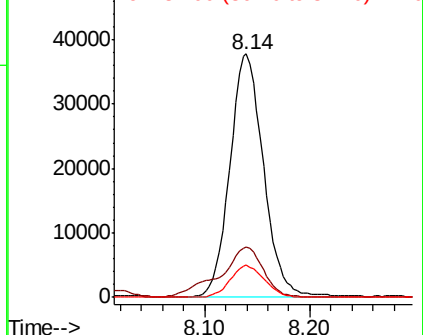
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 18.671 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060188.D

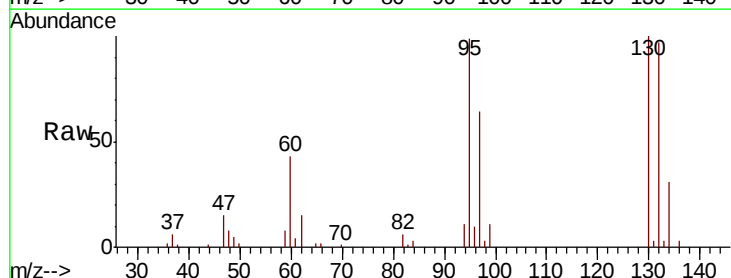
Acq: 21 Feb 2020 14:23

Tgt Ion:130 Resp: 41803

Ion Ratio Lower Upper

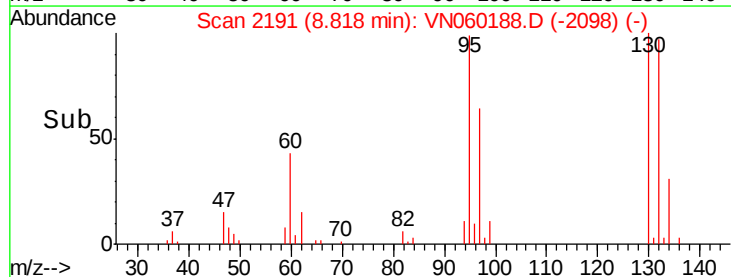
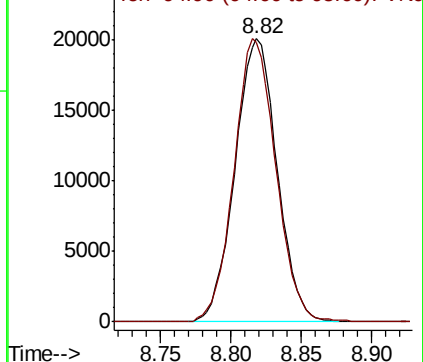
130 100

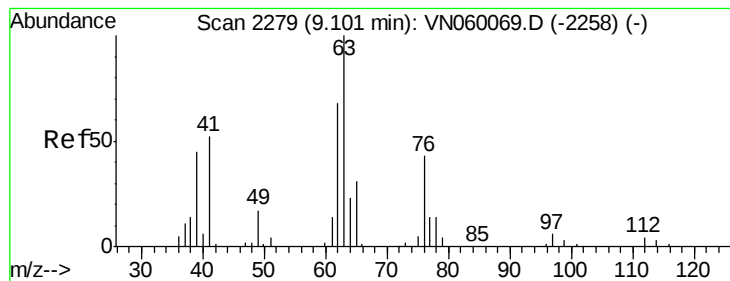
95 98.9 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.020 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

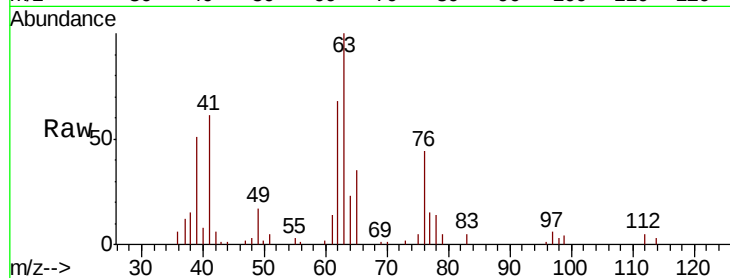
ClientSampled :

Tot Ion: 63 Resp: 40077

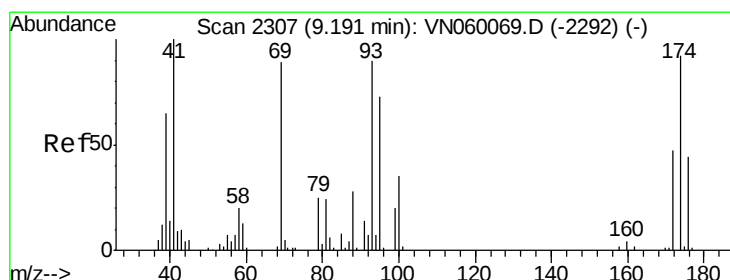
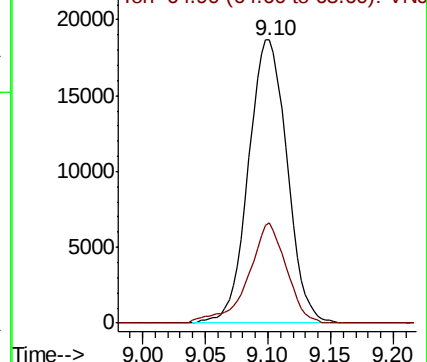
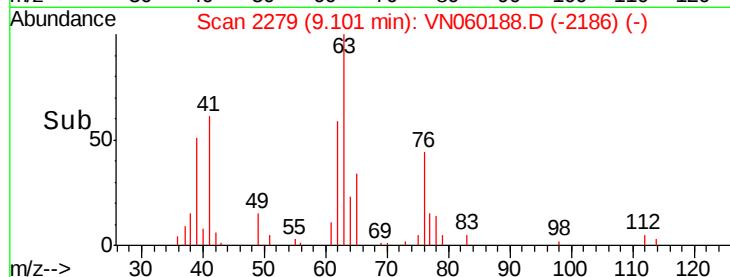
Ion Ratio Lower Upper

63 100

65 35.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN060188.D (-2186) (-)



#46

Dibromomethane

Concen: 19.154 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

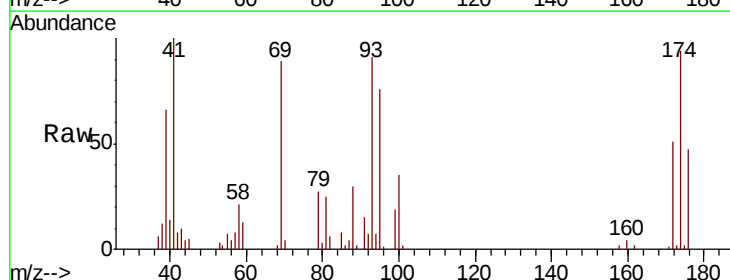
Tgt Ion: 93 Resp: 27097

Ion Ratio Lower Upper

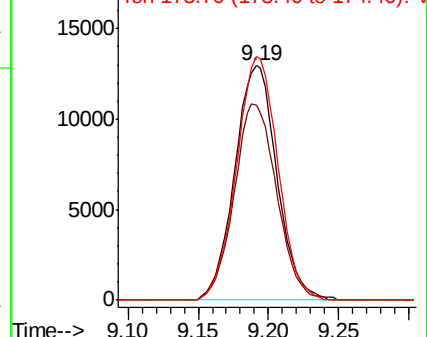
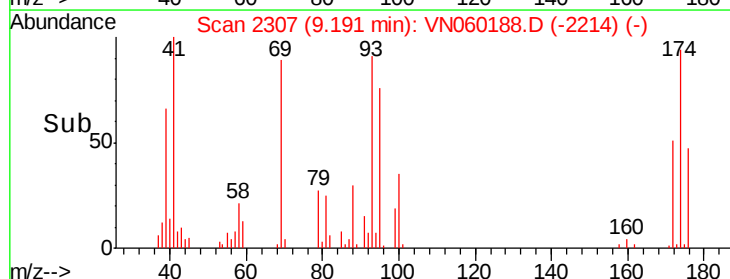
93 100

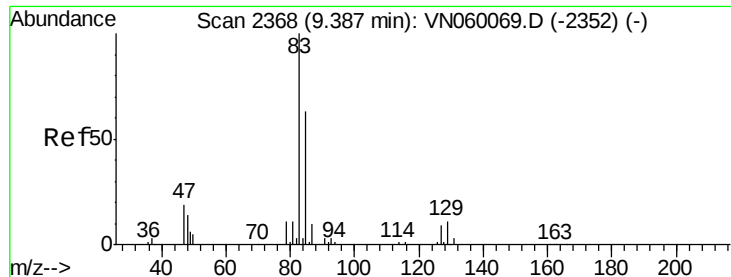
95 84.4 65.0 97.6

174 102.1 82.3 123.5



Abundance Ion 92.80 (92.50 to 93.50): VN060188.D (-2214) (-)

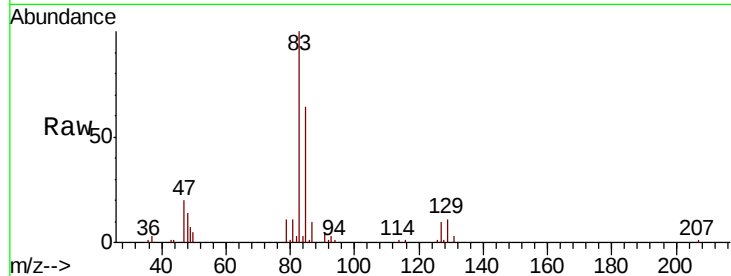




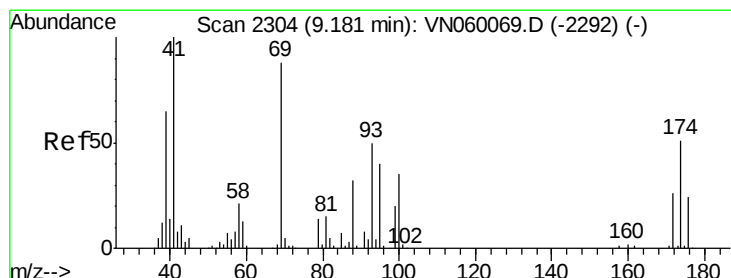
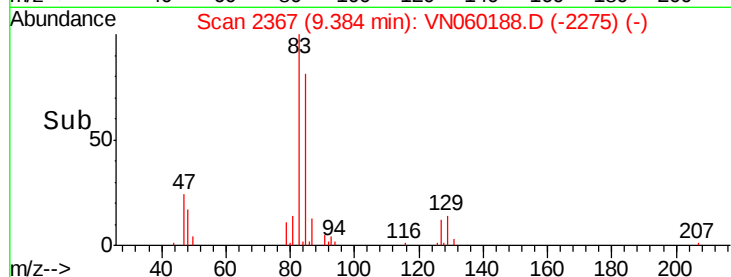
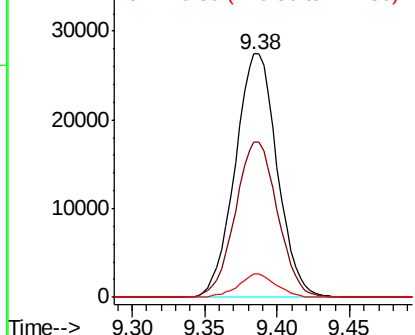
#47
Bromodichloromethane
Concen: 19.215 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 55264
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8
127 9.7 7.0 10.6

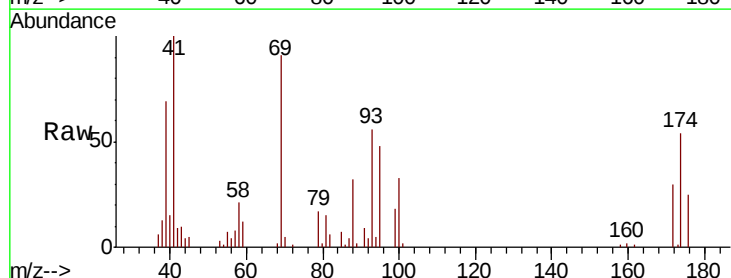


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

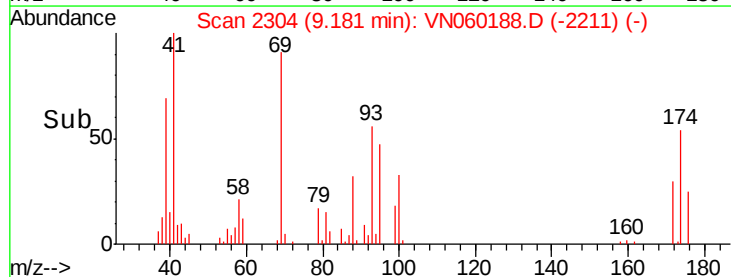
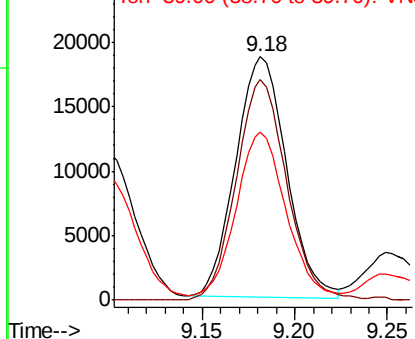


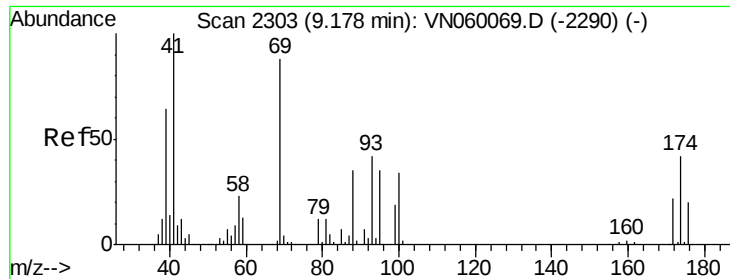
#48
Methyl methacrylate
Concen: 18.897 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 41 Resp: 35705
Ion Ratio Lower Upper
41 100
69 91.0 72.0 108.0
39 66.3 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

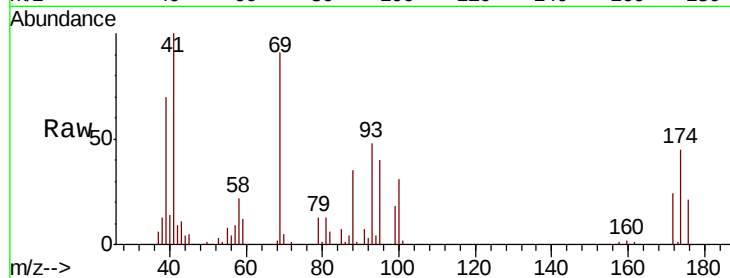




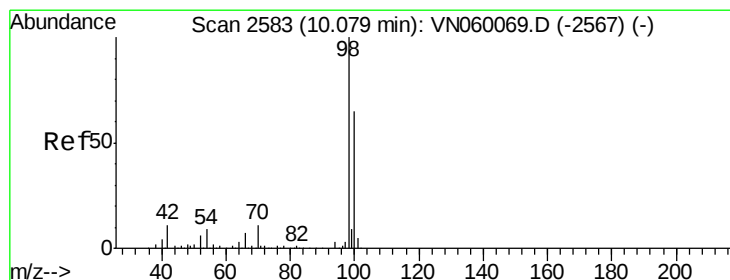
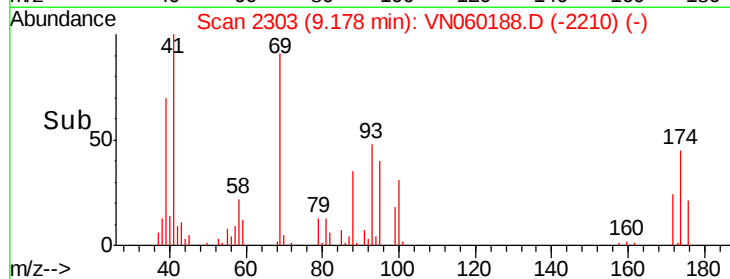
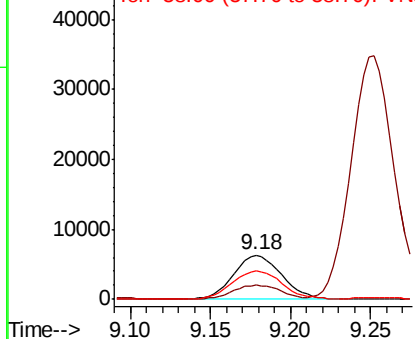
#49
 1,4-Dioxane
 Concen: 400.827 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 12940
 Ion Ratio Lower Upper
 88 100
 43 32.2 26.2 39.2
 58 67.2 53.2 79.8

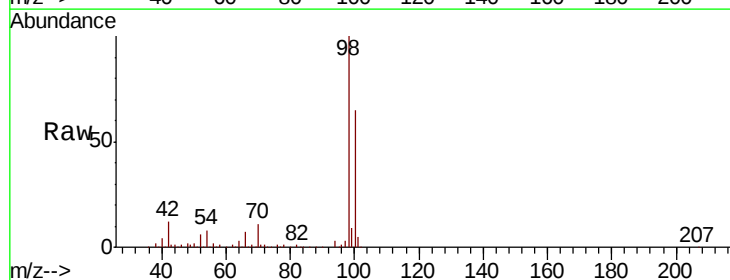


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

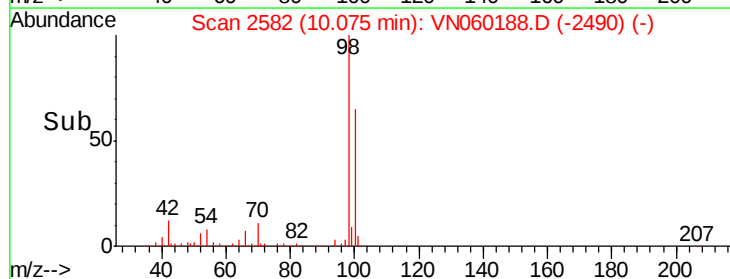
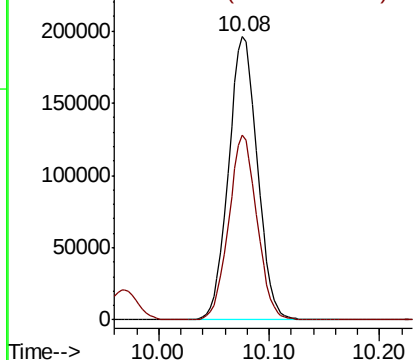


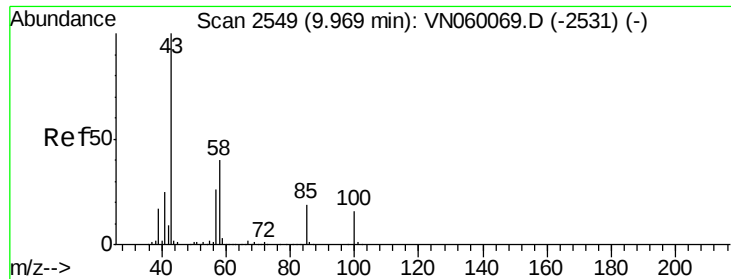
#50
 Toluene-d8
 Concen: 49.862 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion: 98 Resp: 355214
 Ion Ratio Lower Upper
 98 100
 100 64.0 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: 101.089 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

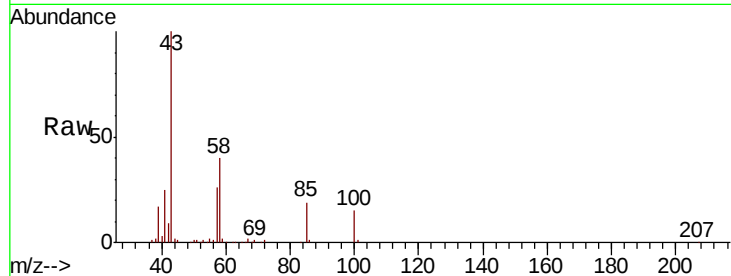
ClientSampleId :

Tot Ion: 43 Resp: 246412

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

9.97

150000

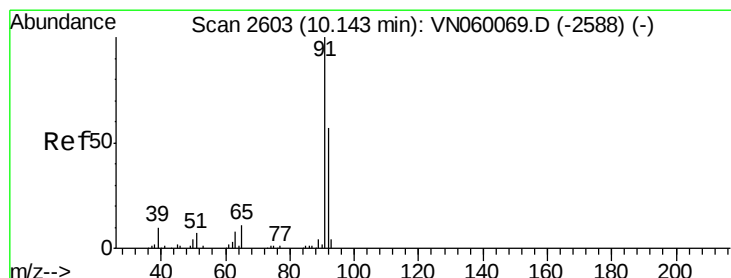
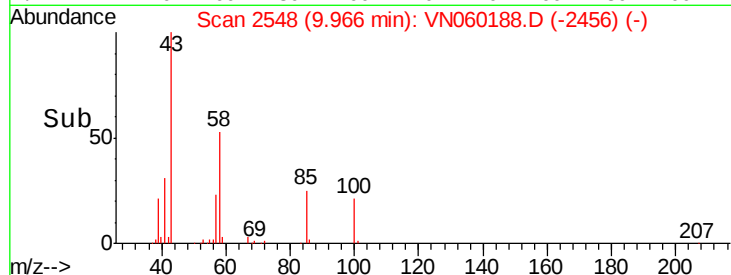
100000

50000

0

Time-->

9.90 9.95 10.00



#52

Toluene

Concen: 18.712 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060188.D

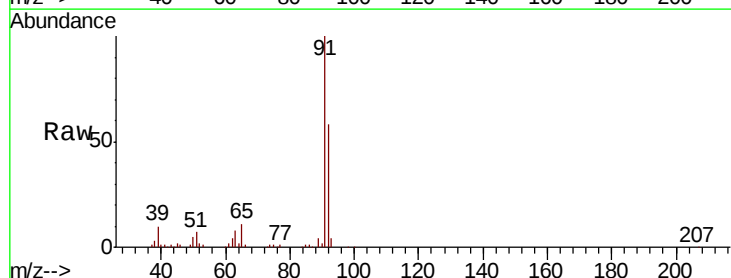
Acq: 21 Feb 2020 14:23

Tgt Ion: 92 Resp: 97027

Ion Ratio Lower Upper

92 100

91 176.3 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

10.14

100000

80000

60000

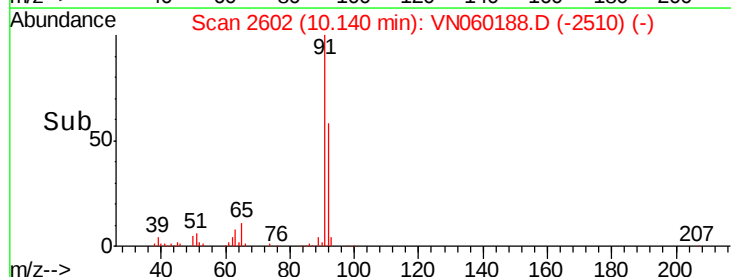
40000

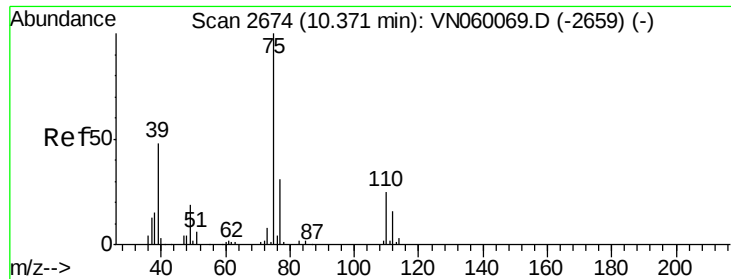
20000

0

Time-->

10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 19.261 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

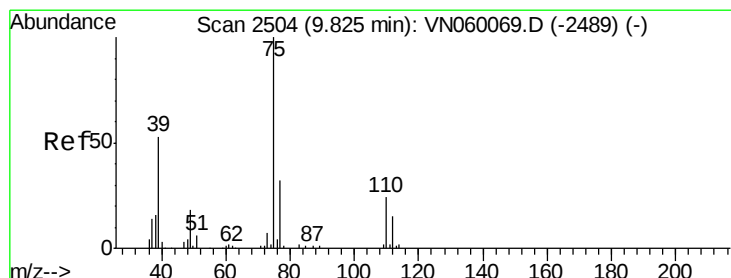
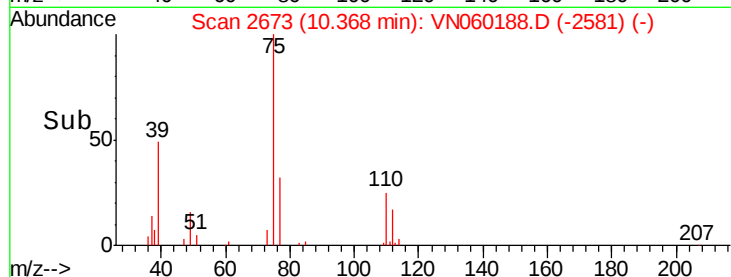
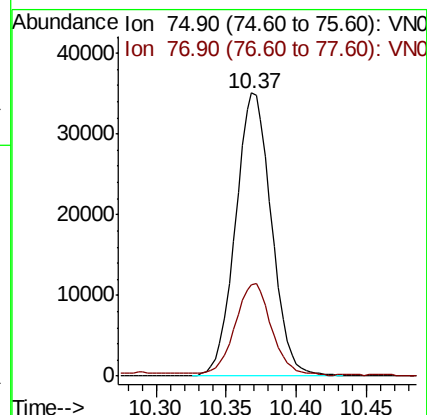
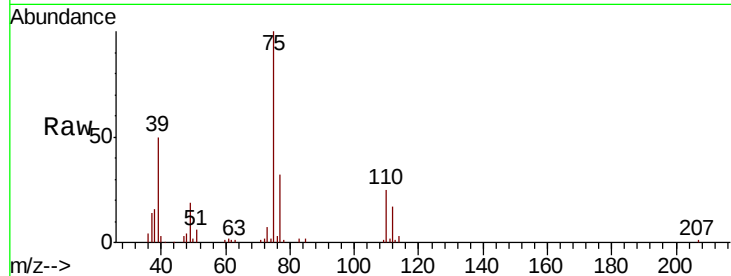
ClientSampleId :

Tot Ion: 75 Resp: 62531

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.832 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

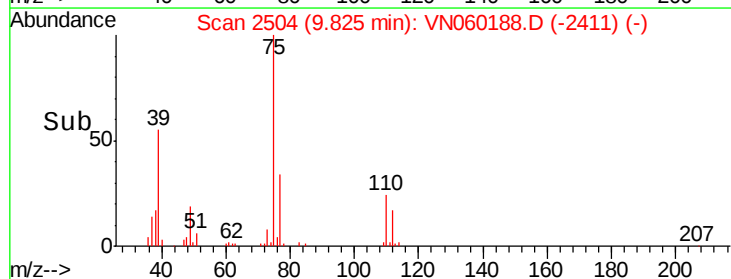
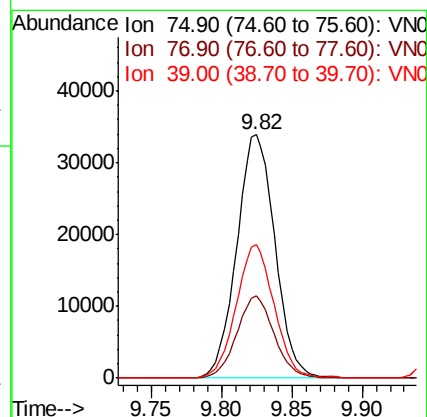
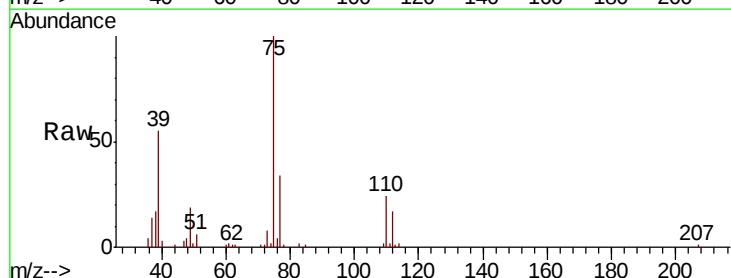
Tgt Ion: 75 Resp: 64378

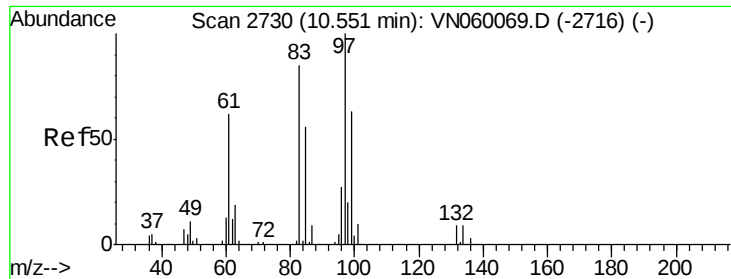
Ion Ratio Lower Upper

75 100

77 33.6 25.6 38.4

39 54.9 42.2 63.4

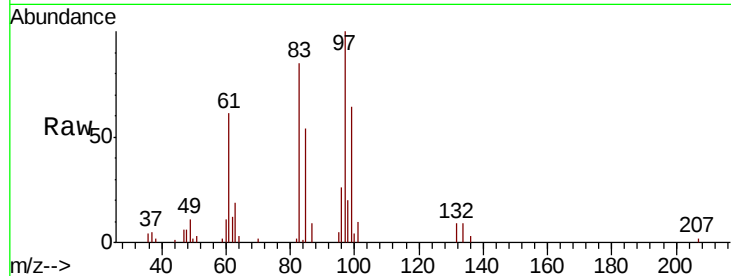




#55
 1,1,2-Trichloroethane
 Concen: 19.389 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	54.4	44.6	67.0
99	63.9	50.1	75.1



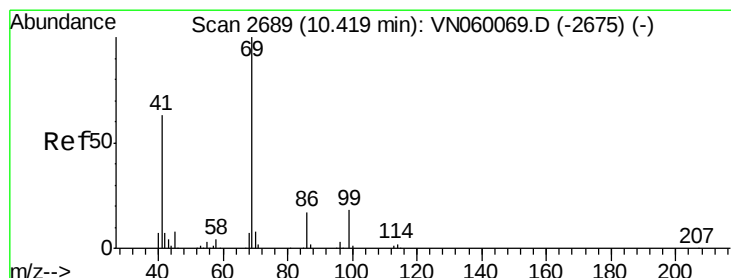
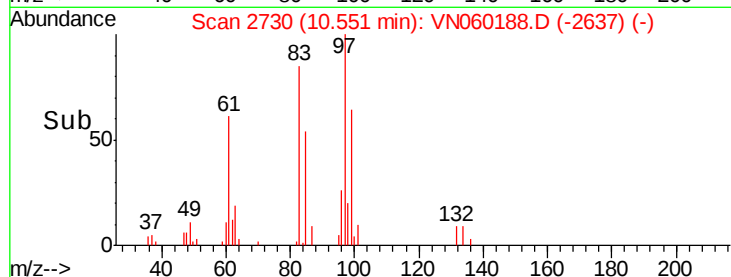
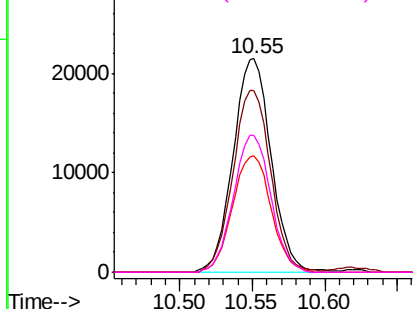
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

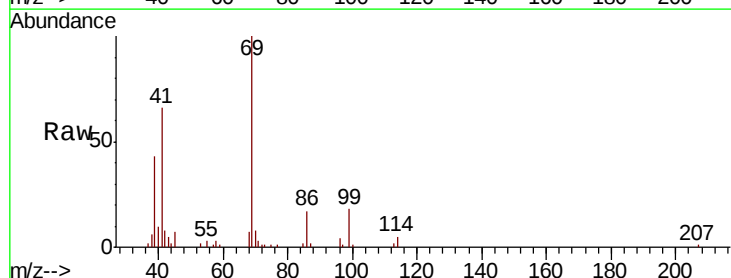
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.070 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

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

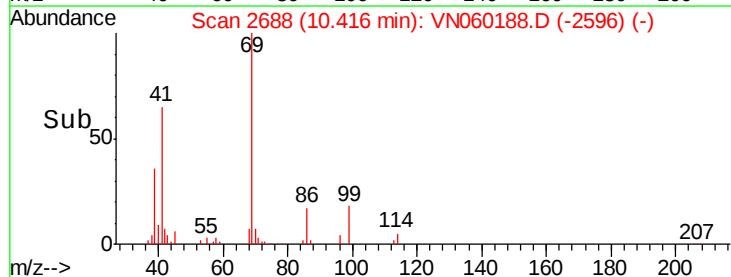
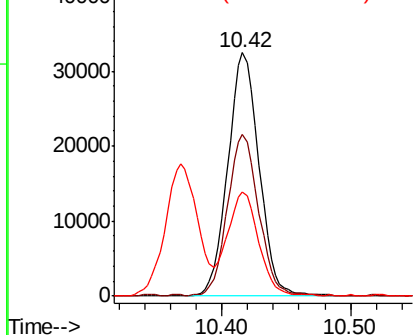


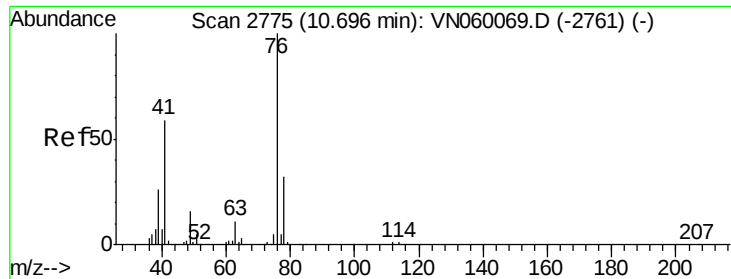
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.205 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

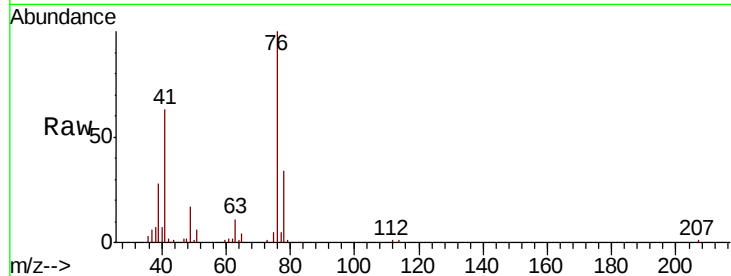
ClientSampled :

Tot Ion: 76 Resp: 64107

Ion Ratio Lower Upper

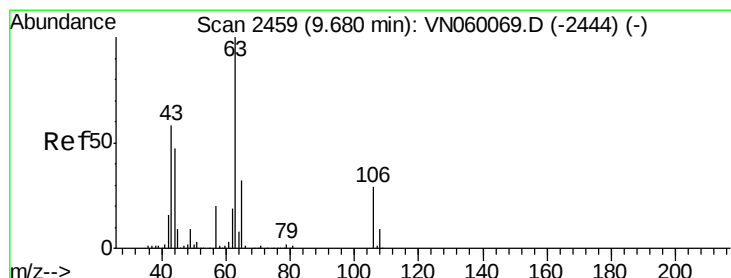
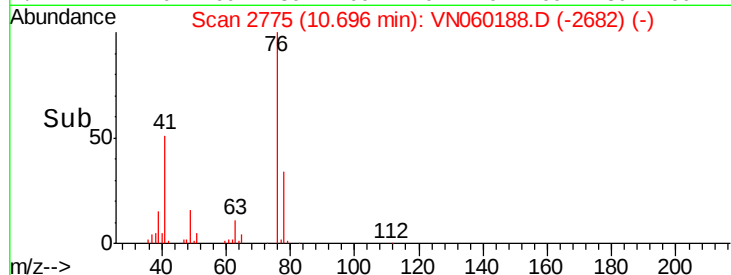
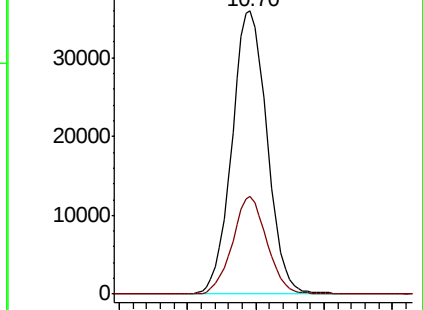
76 100

78 33.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 96.670 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060188.D

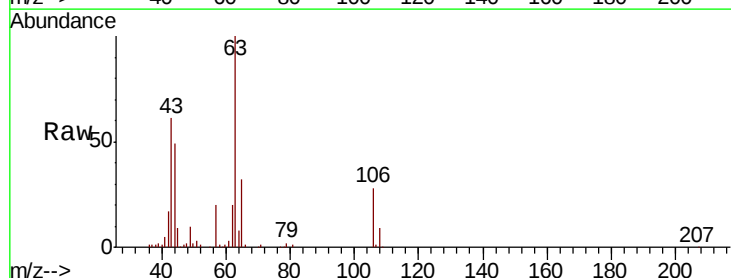
Acq: 21 Feb 2020 14:23

Tgt Ion: 63 Resp: 128877

Ion Ratio Lower Upper

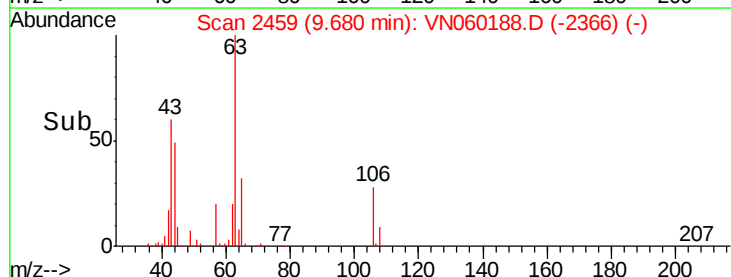
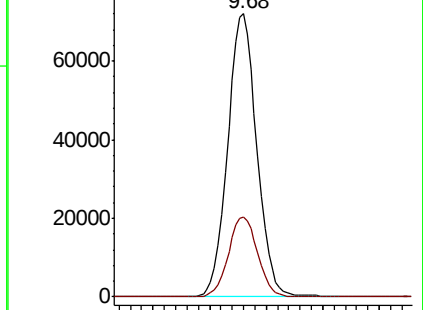
63 100

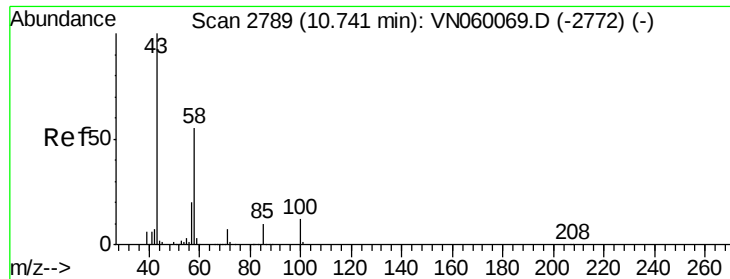
106 28.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN060069.D (-2444) (-)

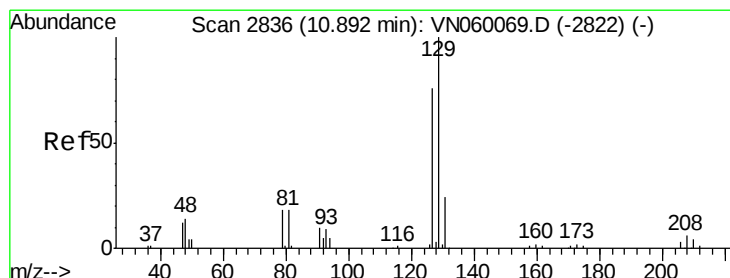
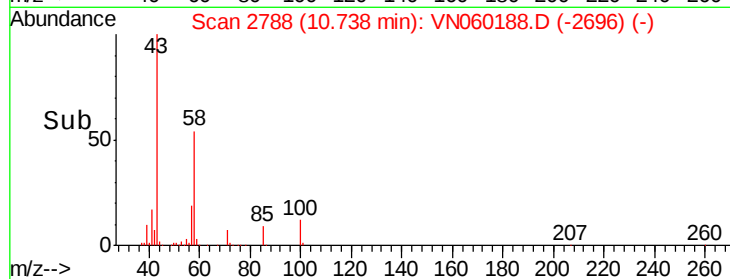
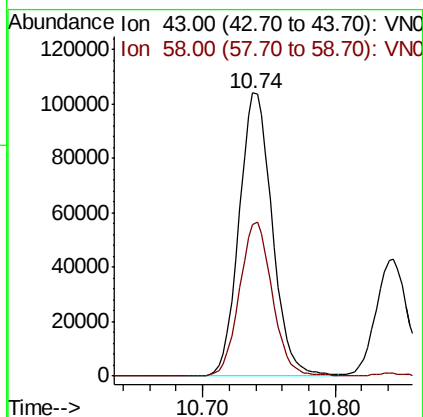
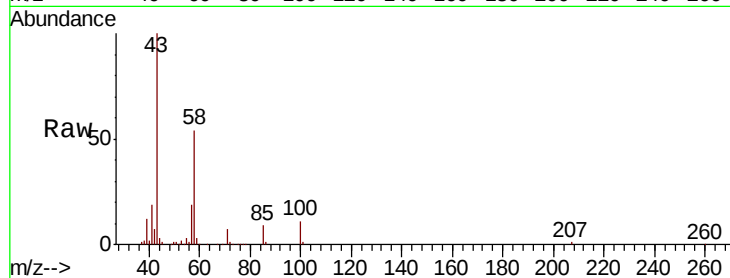




#59
2-Hexanone
Concen: 95.964 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

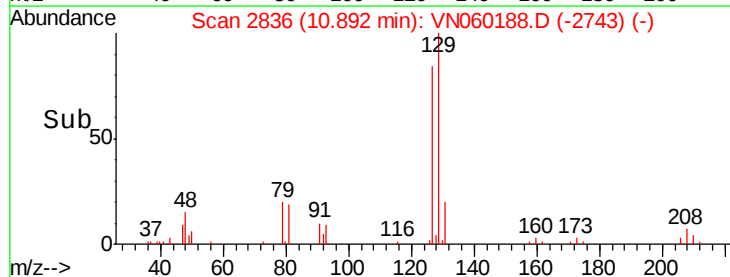
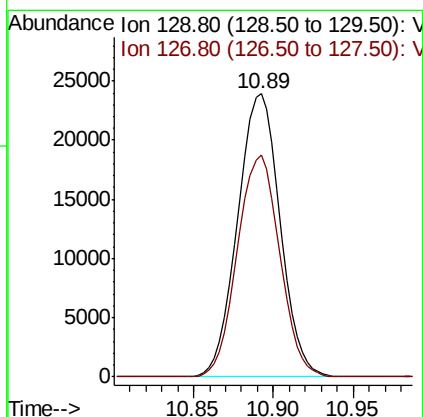
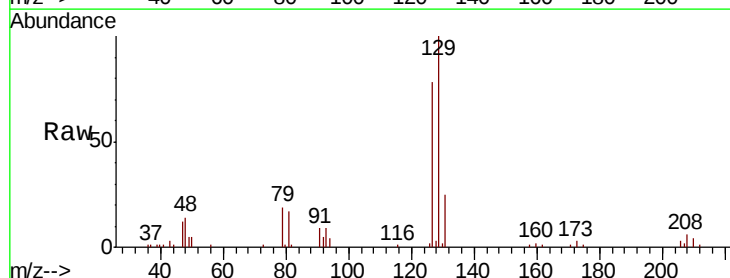
Instrument :
MSVOA_N
ClientSampleId :

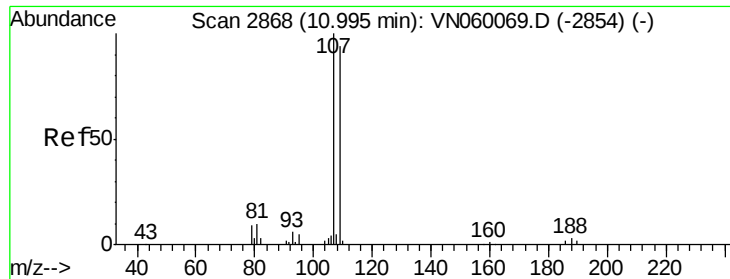
Tot Ion: 43 Resp: 180695
Ion Ratio Lower Upper
43 100
58 53.9 27.5 82.4



#60
Dibromochloromethane
Concen: 18.659 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 129 Resp: 43314
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.1

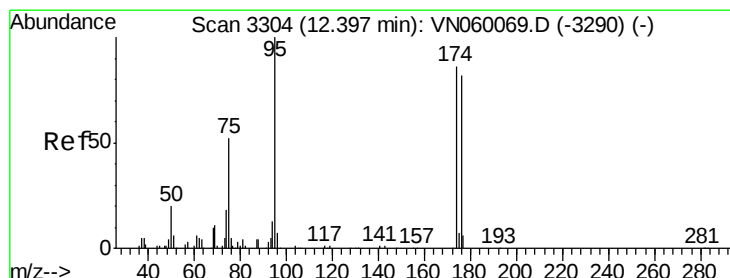
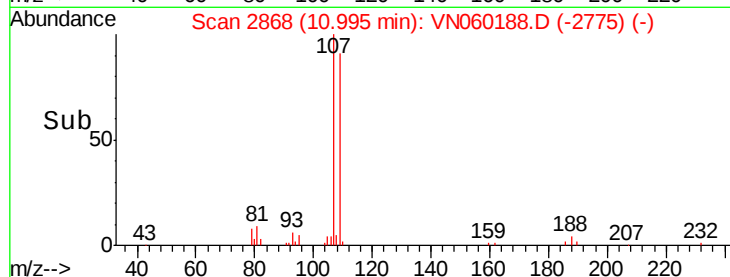
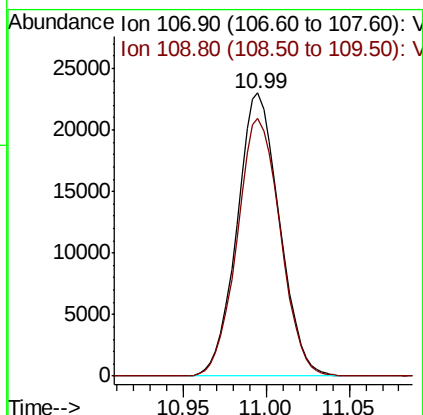
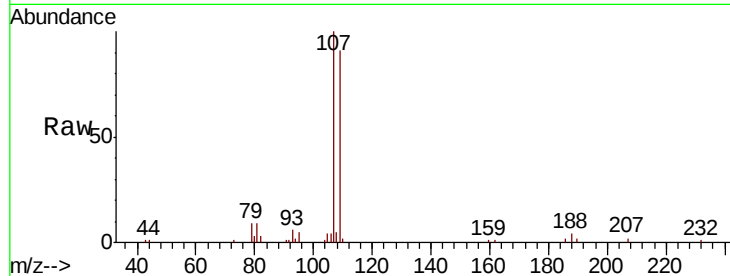




#61
 1,2-Dibromoethane
 Concen: 19.284 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

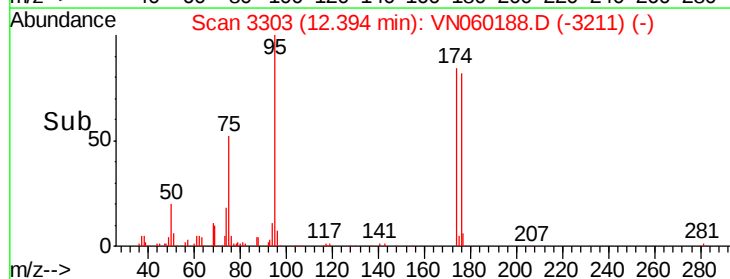
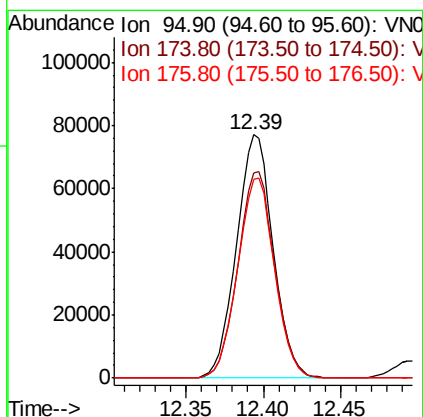
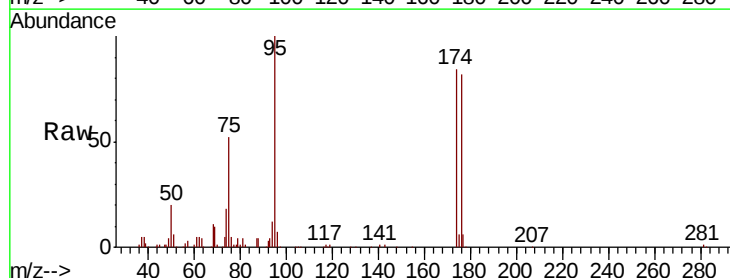
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 107 Resp: 40893
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 48.357 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion: 95 Resp: 126584
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 169.8
 176 83.1 0.0 164.8

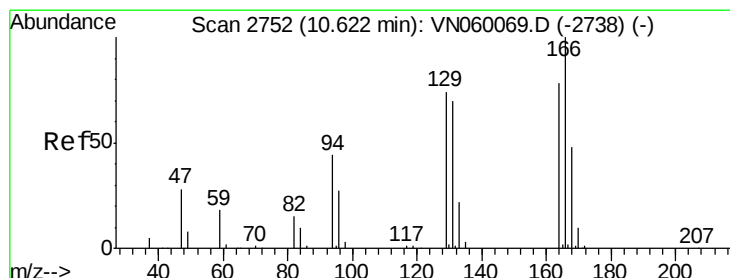
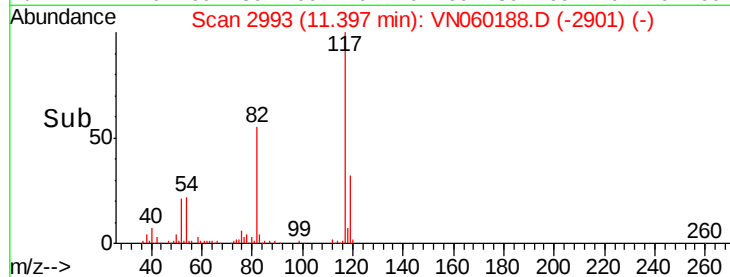
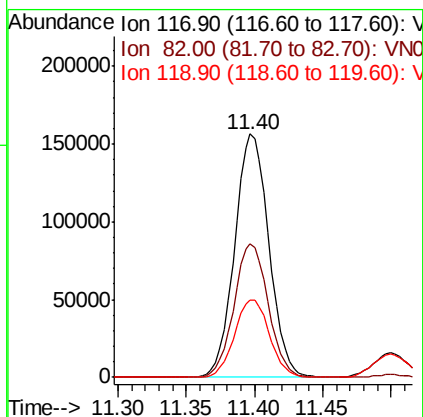
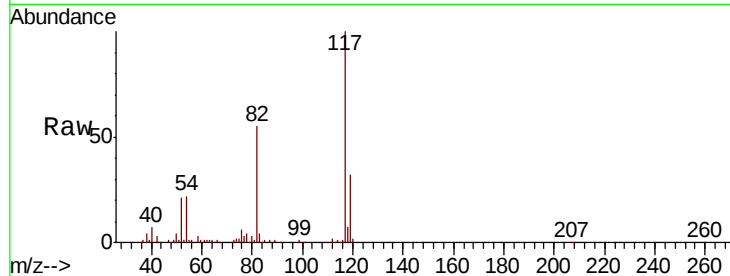




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

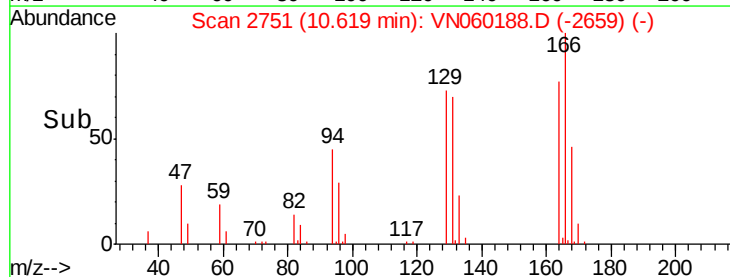
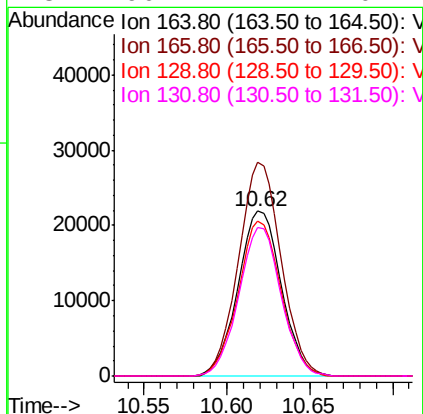
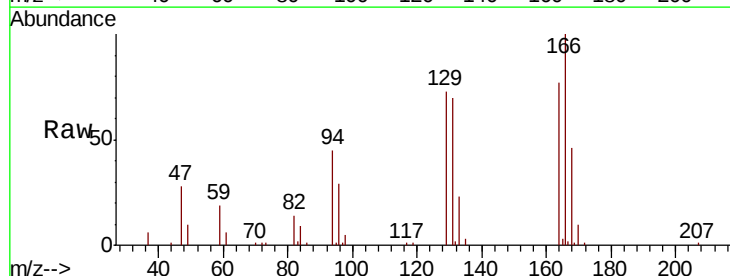
Instrument :
MSVOA_N
ClientSampleId :

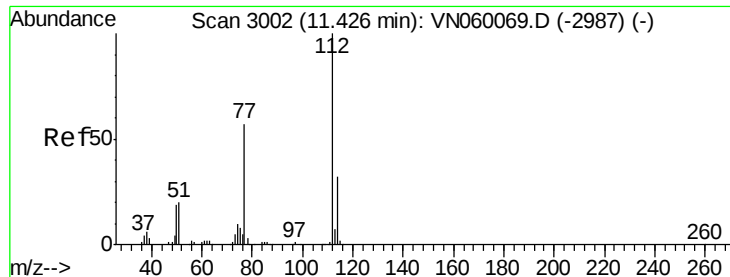
Tot Ion:117 Resp: 272402
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 19.214 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:164 Resp: 39788
Ion Ratio Lower Upper
164 100
166 129.8 101.9 152.9
129 94.3 75.4 113.0
131 90.2 71.4 107.2

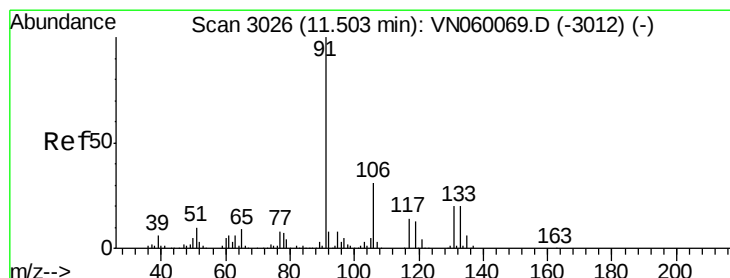
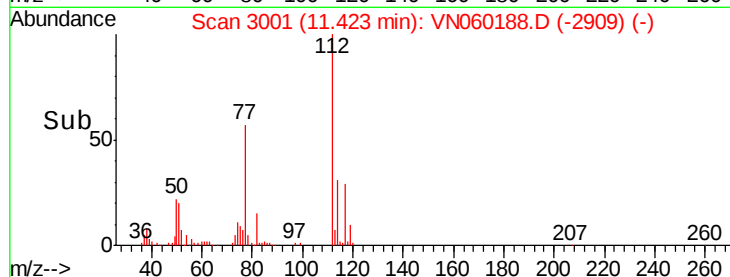
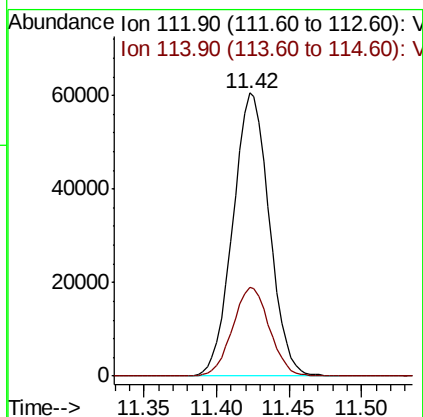
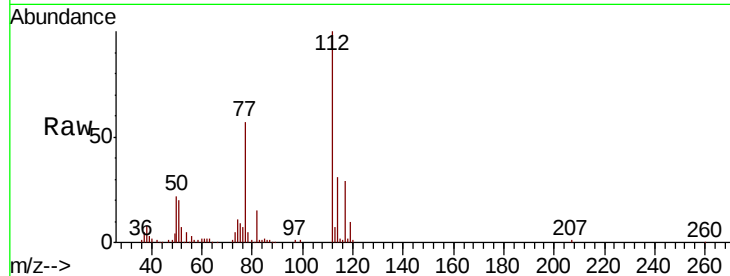




#65
Chlorobenzene
Concen: 18.999 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

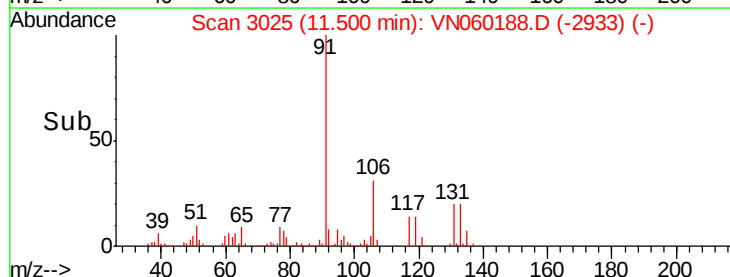
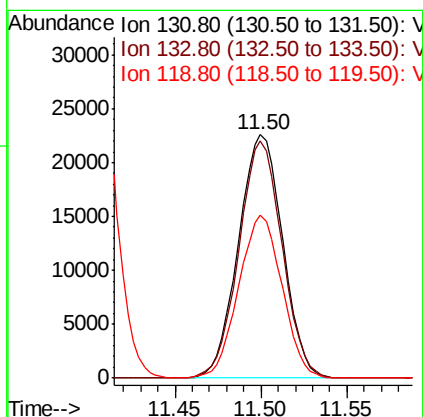
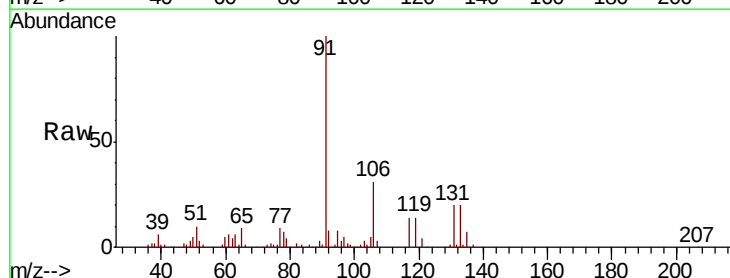
Instrument :
MSVOA_N
ClientSampleId :

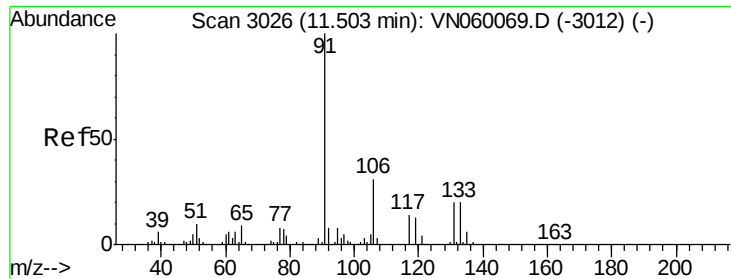
Tot Ion:112 Resp: 105439
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.188 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:131 Resp: 40285
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.7 32.6 97.7





#67

Ethyl Benzene

Concen: 18.973 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

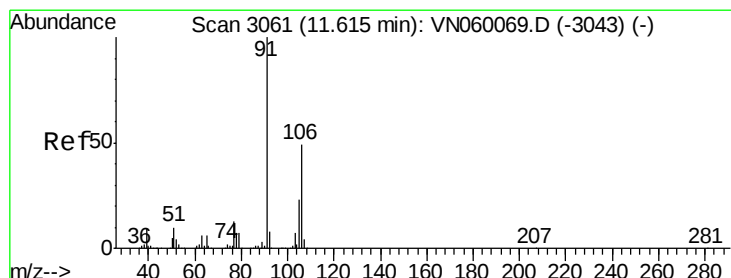
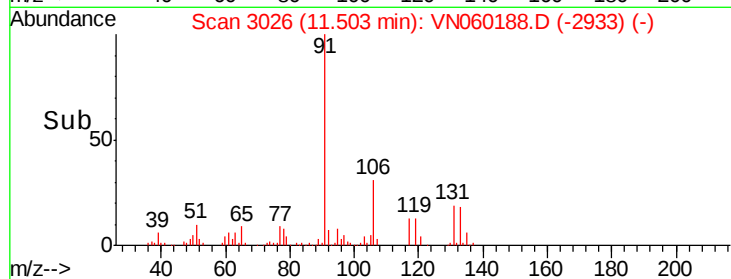
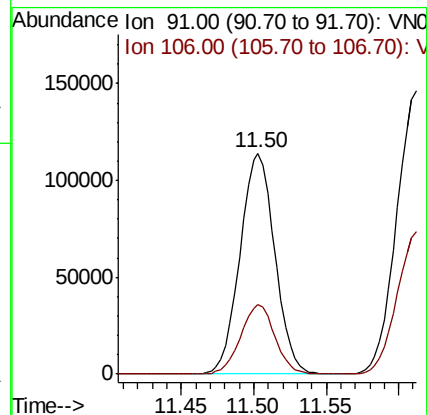
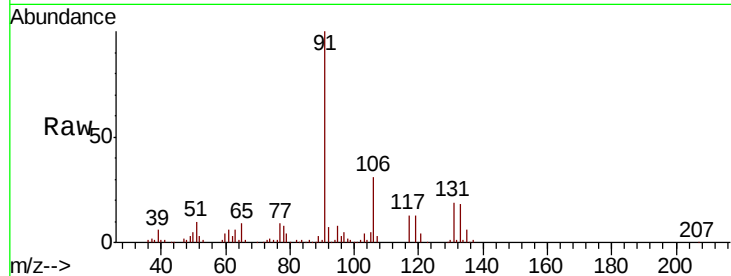
ClientSampled :

Tot Ion: 91 Resp: 189914

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 37.592 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060188.D

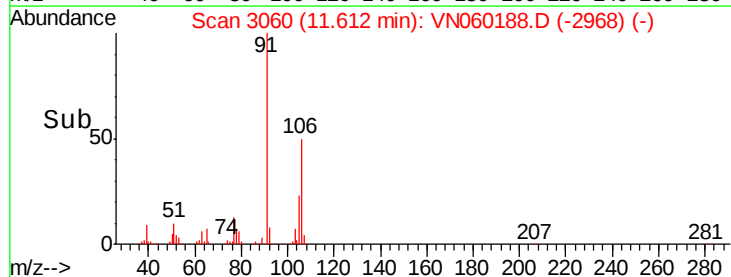
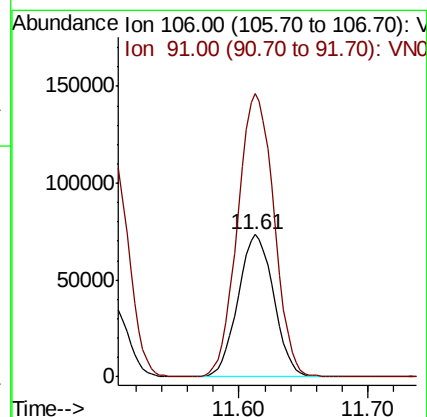
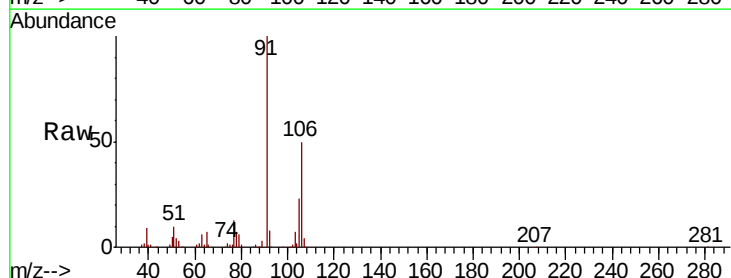
Acq: 21 Feb 2020 14:23

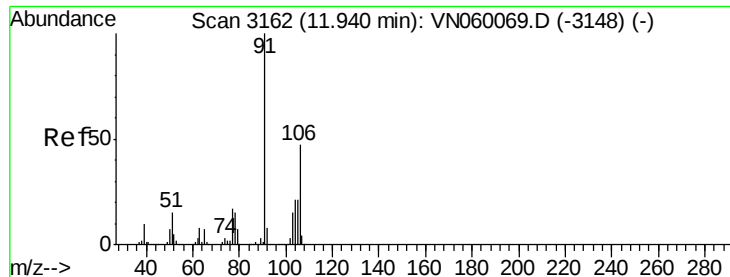
Tgt Ion: 106 Resp: 141222

Ion Ratio Lower Upper

106 100

91 203.0 162.7 244.1

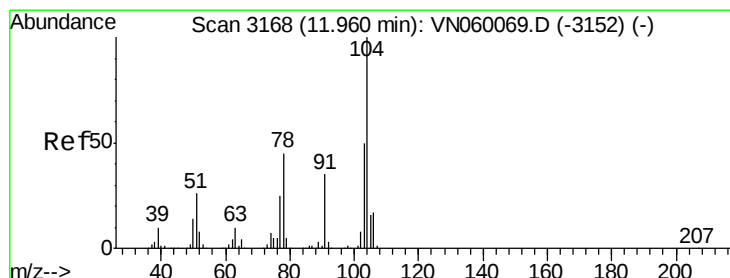
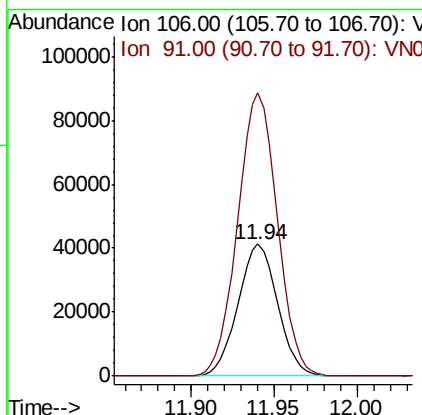
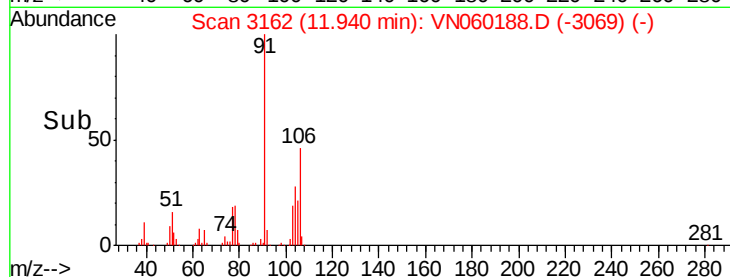
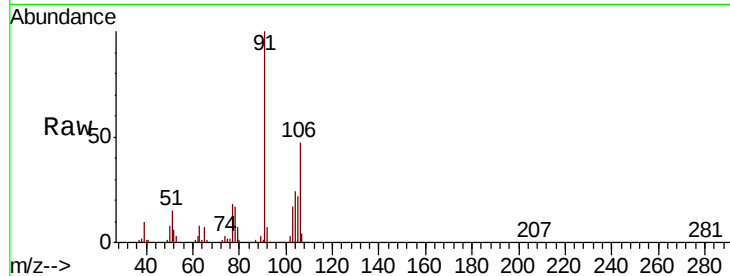




#69
o-Xylene
Concen: 18.995 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

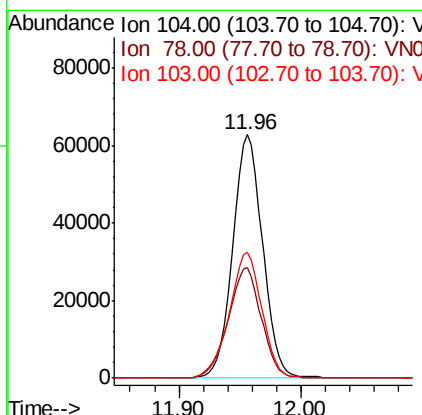
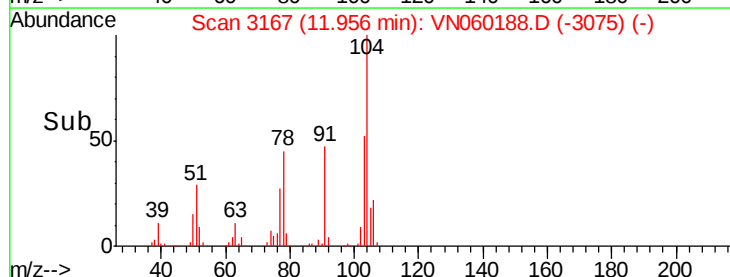
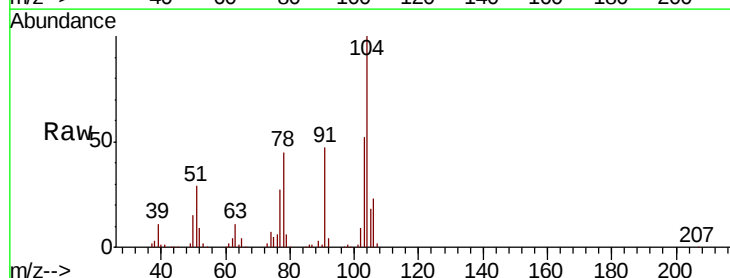
Instrument :
MSVOA_N
ClientSampled :

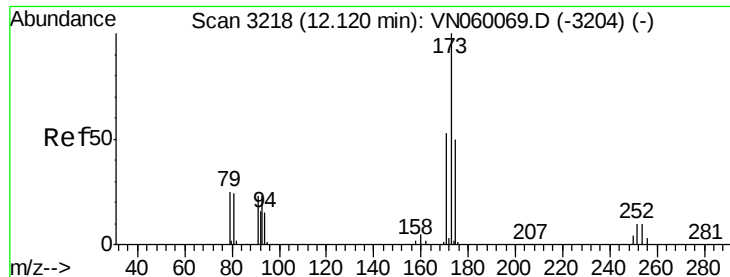
Tot Ion:106 Resp: 68707
Ion Ratio Lower Upper
106 100
91 214.8 107.2 321.6



#70
Styrene
Concen: 18.304 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:104 Resp: 106767
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 56.2 44.3 66.5

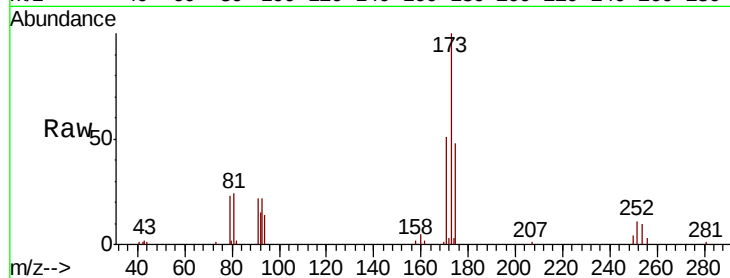




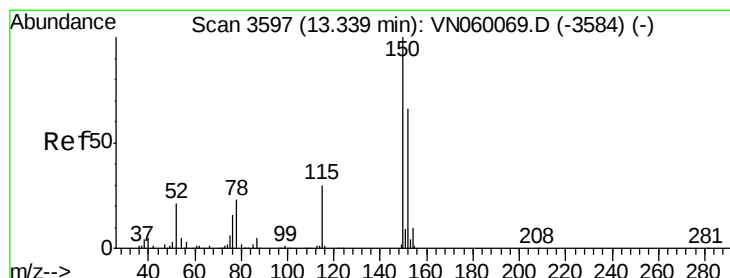
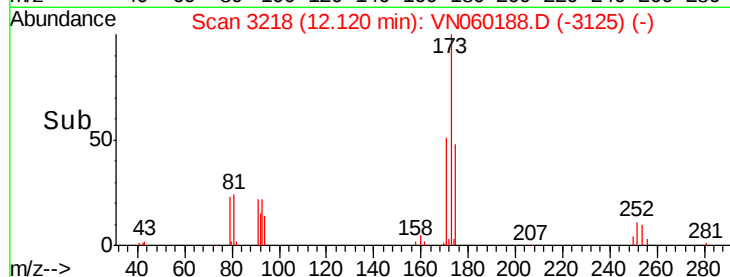
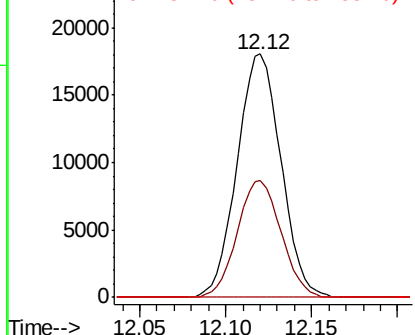
#71
Bromoform
Concen: 18.885 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 31890
Ion Ratio Lower Upper
173 100
175 47.9 24.9 74.6
254 0.0 0.0 0.0

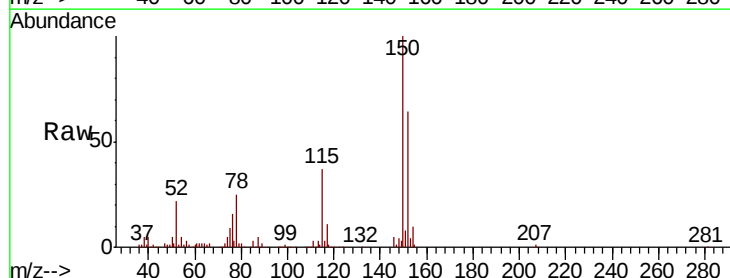


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

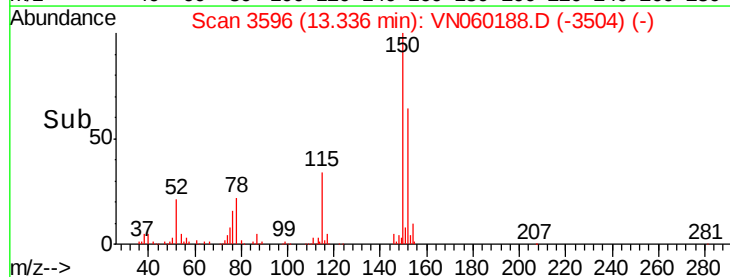
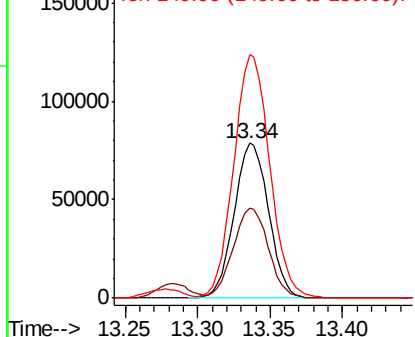


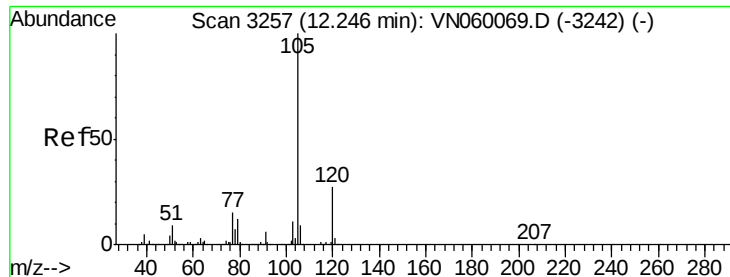
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:152 Resp: 130209
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 164.3 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: 19.089 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

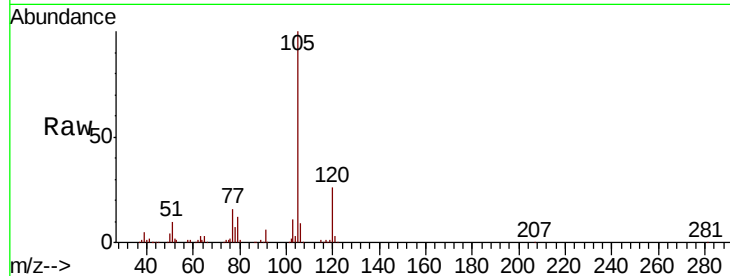
ClientSampled :

Tot Ion: 105 Resp: 185612

Ion Ratio Lower Upper

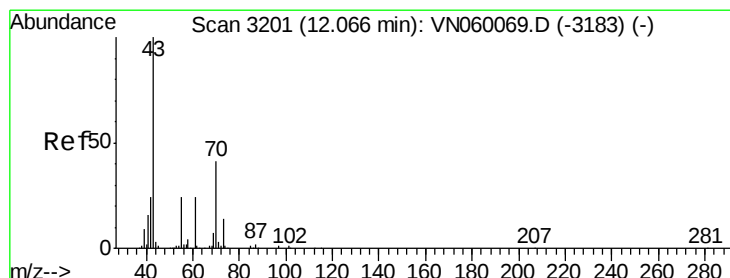
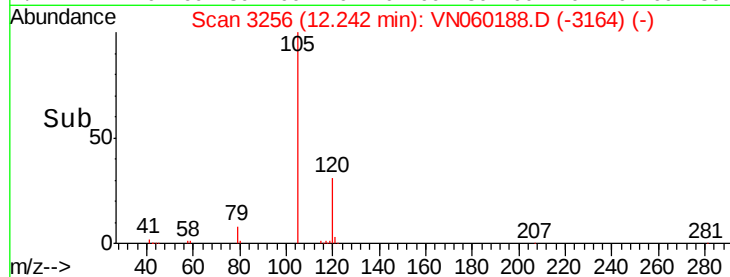
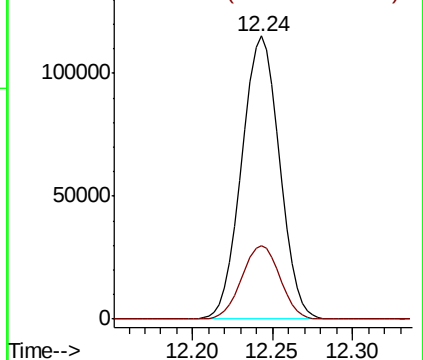
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.591 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Tgt Ion: 43 Resp: 68690

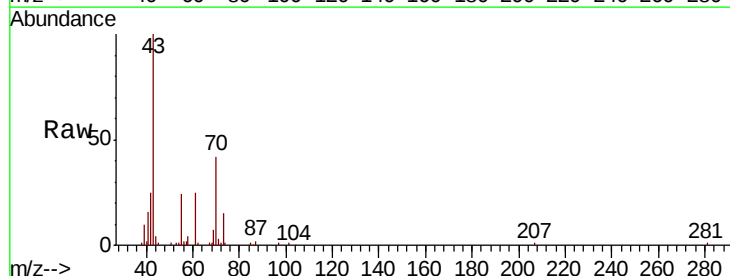
Ion Ratio Lower Upper

43 100

70 42.0 33.4 50.0

55 23.6 18.8 28.2

61 23.3 19.2 28.8

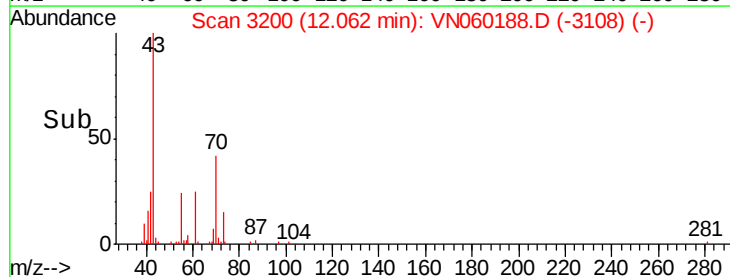
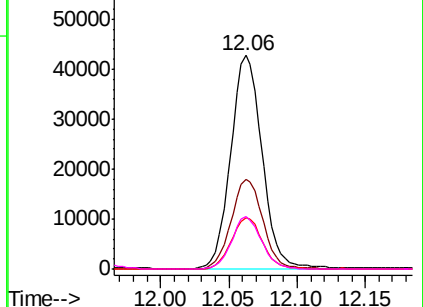


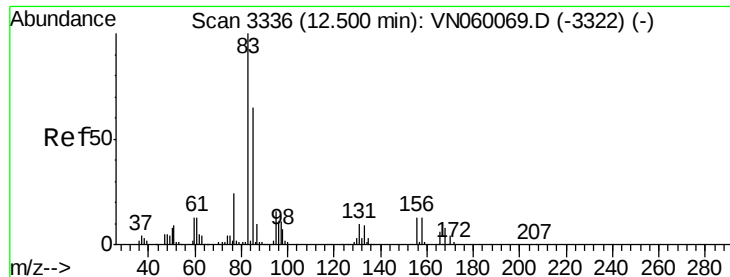
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.980 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

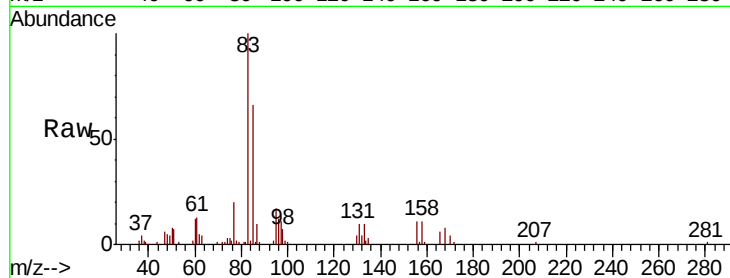
Tot Ion: 83 Resp: 55919

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

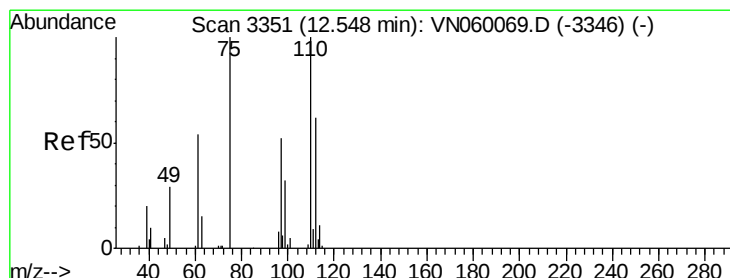
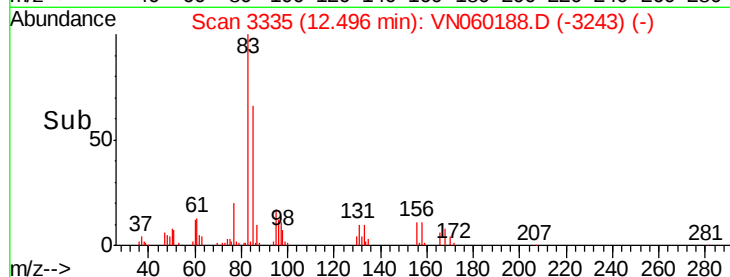
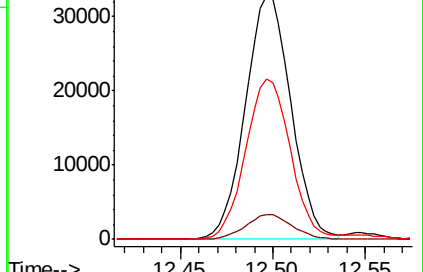
85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.814 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN060188.D

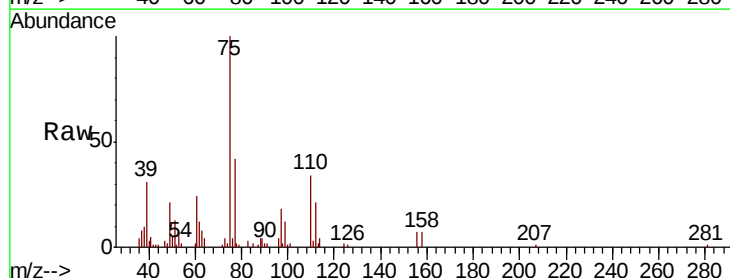
Acq: 21 Feb 2020 14:23

Tgt Ion: 75 Resp: 74272

Ion Ratio Lower Upper

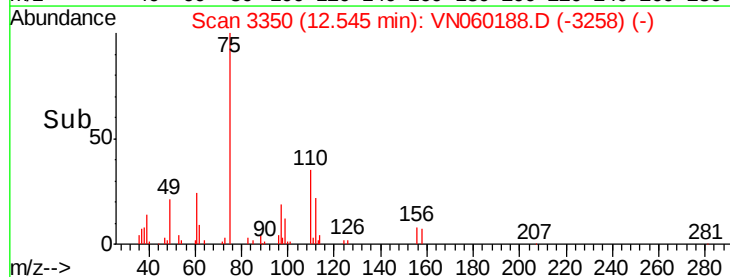
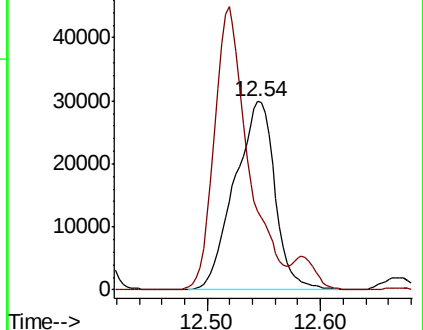
75 100

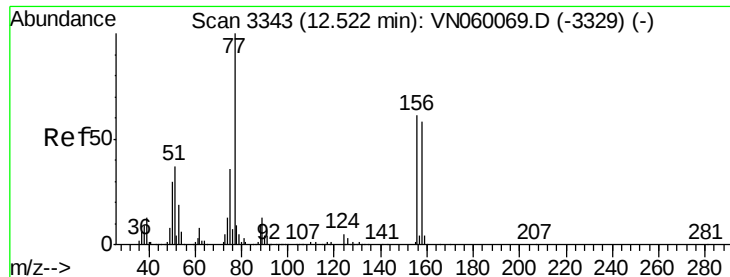
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)





#77

Bromobenzene

Concen: 19.302 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

ClientSampleId :

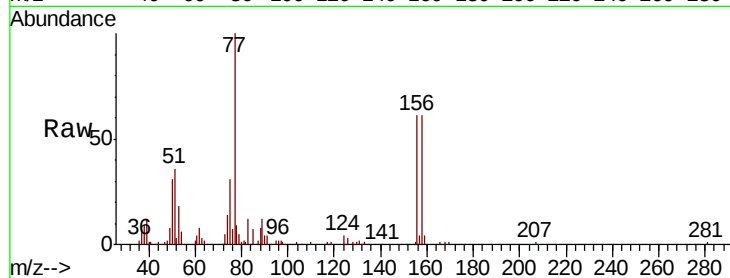
Tot Ion:156 Resp: 46577

Ion Ratio Lower Upper

156 100

77 200.8 98.7 296.1

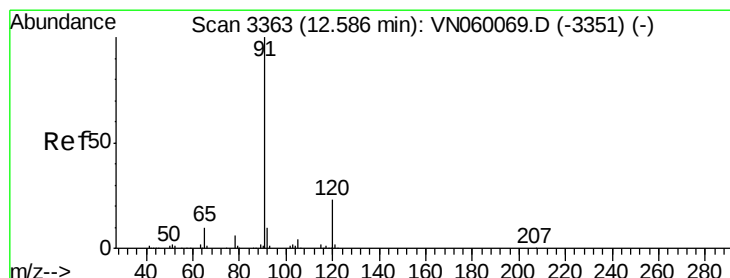
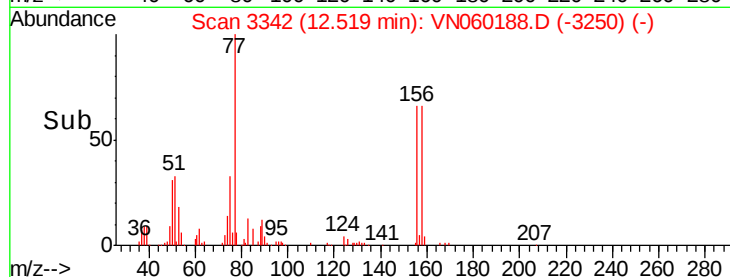
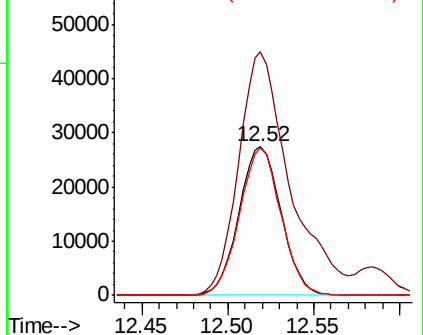
158 97.3 48.1 144.4



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: 18.730 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060188.D

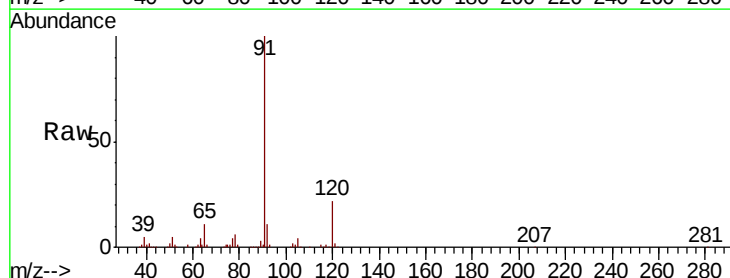
Acq: 21 Feb 2020 14:23

Tgt Ion: 91 Resp: 207490

Ion Ratio Lower Upper

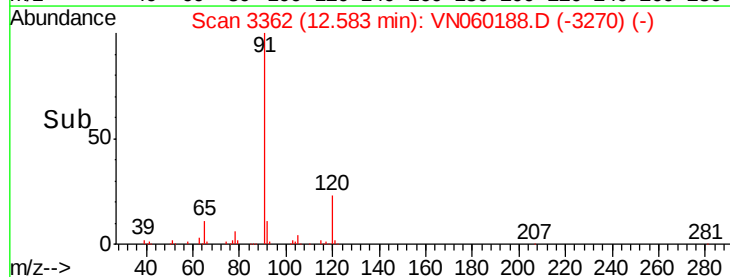
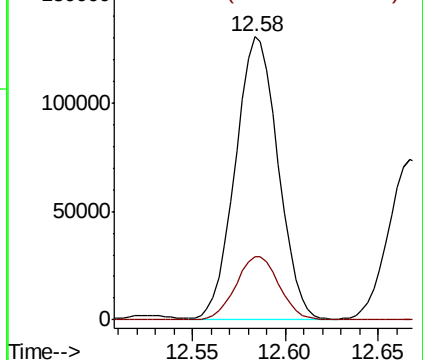
91 100

120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

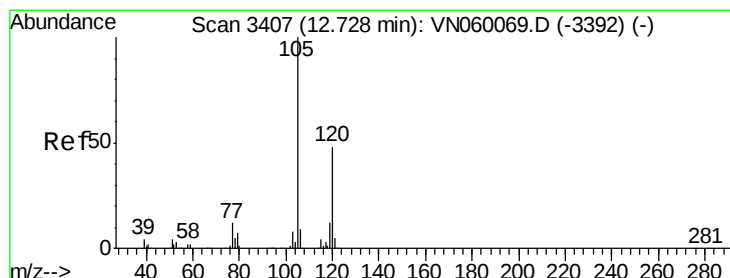
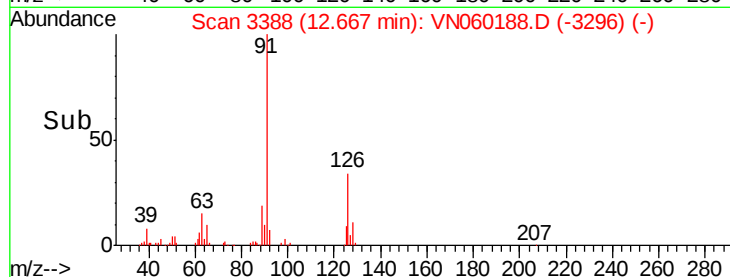
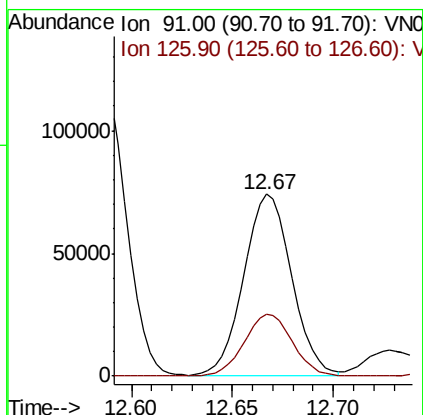
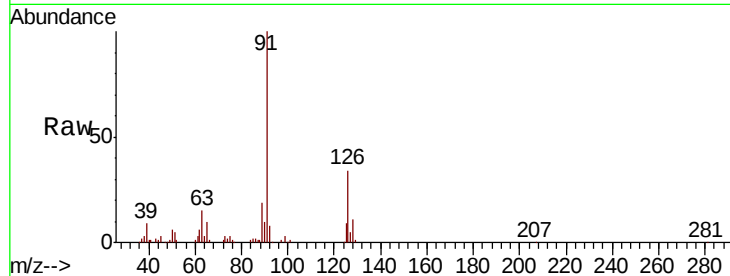




#79
 2-Chlorotoluene
 Concen: 18.838 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

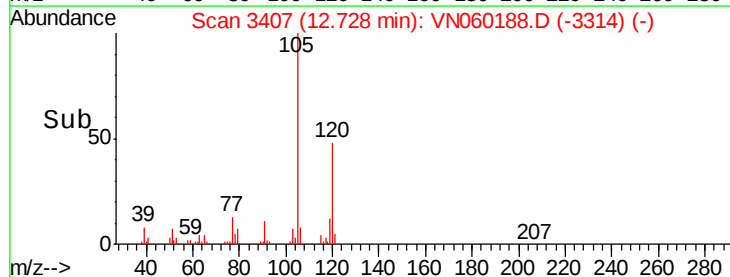
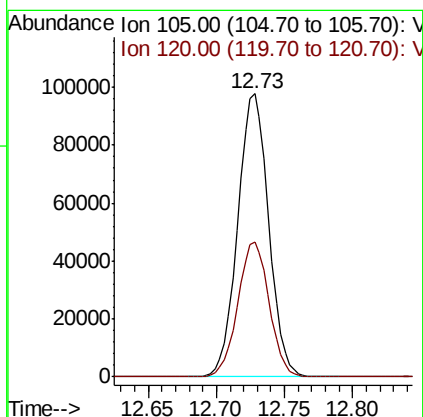
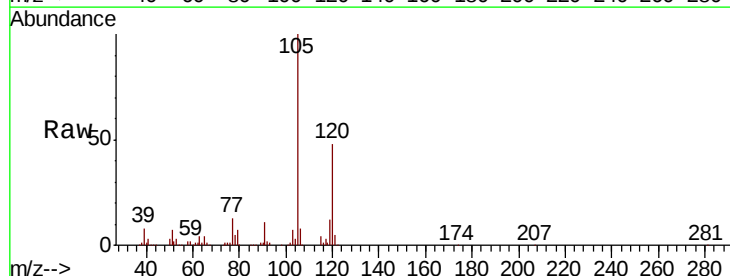
Instrument :
 MSVOA_N
 ClientSampled :

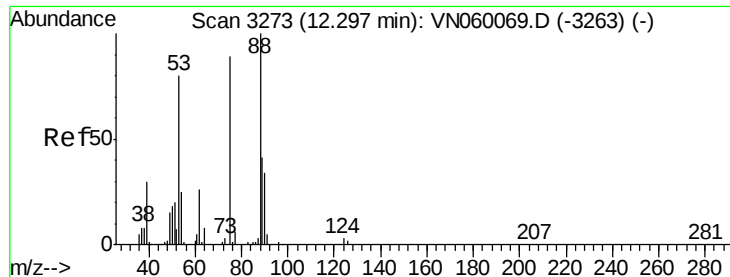
Tot Ion: 91 Resp: 122661
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.012 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion:105 Resp: 153699
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9

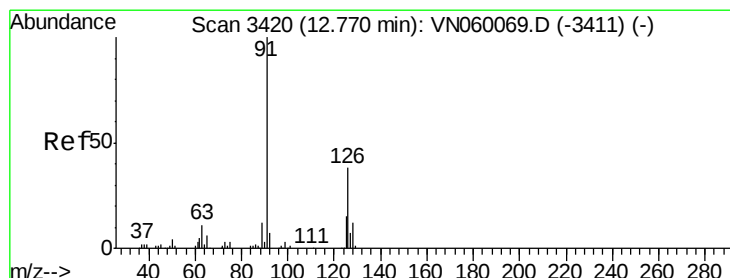
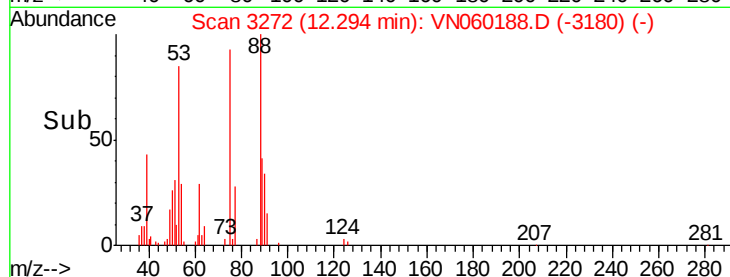
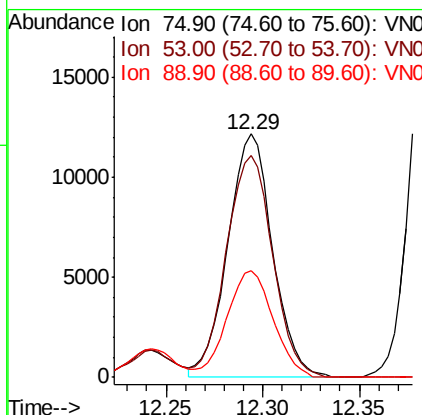
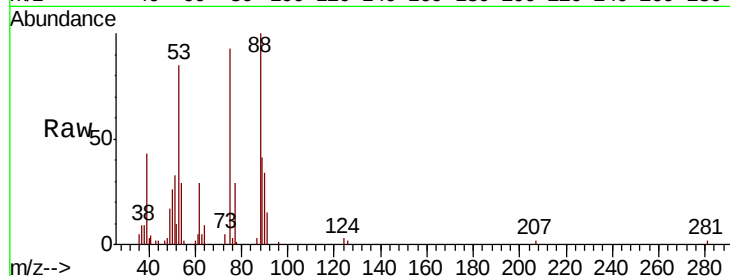




#81
trans-1,4-Dichloro-2-butene
Concen: 19.242 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

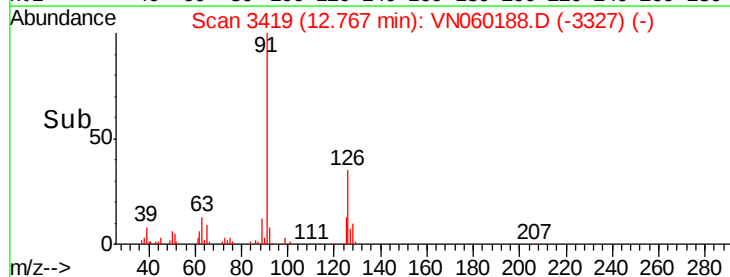
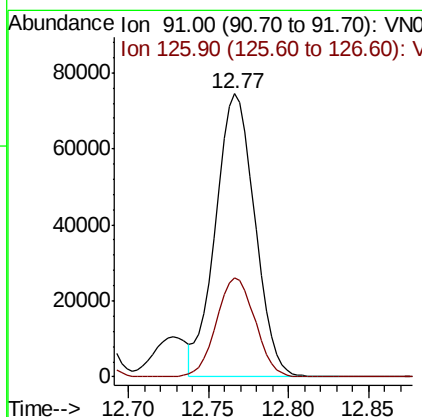
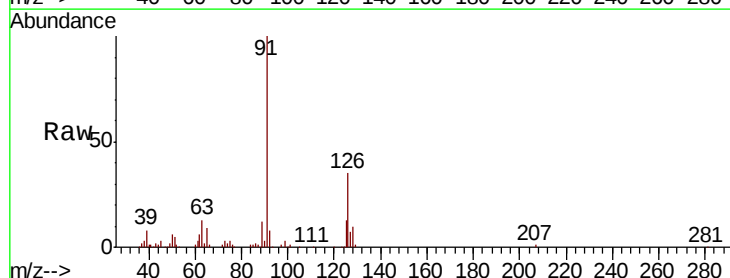
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 19577
Ion Ratio Lower Upper
75 100
53 94.6 73.9 110.9
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 18.844 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 91 Resp: 125885
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.3





#83

tert-Butylbenzene

Concen: 18.972 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060188.D

Acq: 21 Feb 2020 14:23

Instrument :

MSVOA_N

ClientSampled :

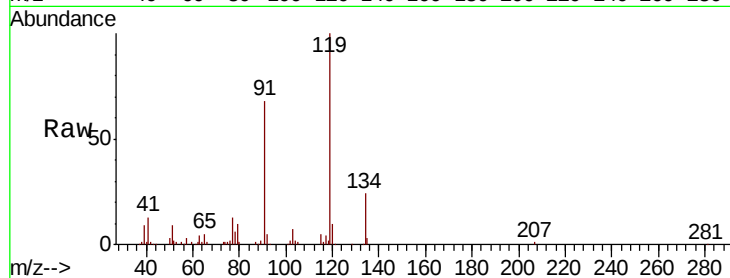
Tot Ion:119 Resp: 135685

Ion Ratio Lower Upper

119 100

91 65.7 32.7 98.1

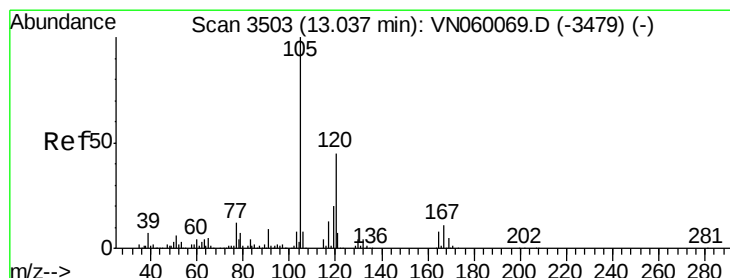
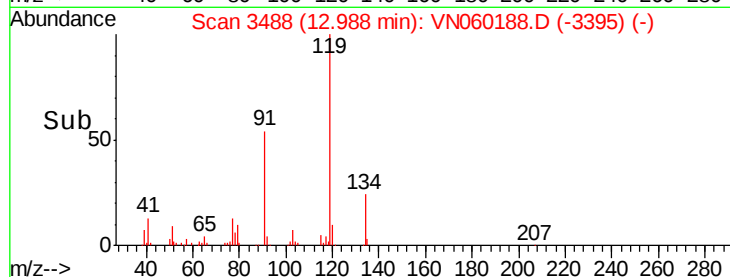
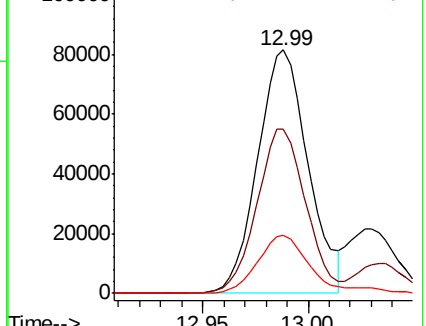
134 25.2 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.273 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060188.D

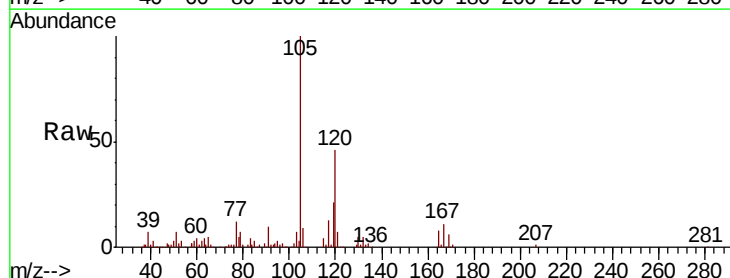
Acq: 21 Feb 2020 14:23

Tgt Ion:105 Resp: 153803

Ion Ratio Lower Upper

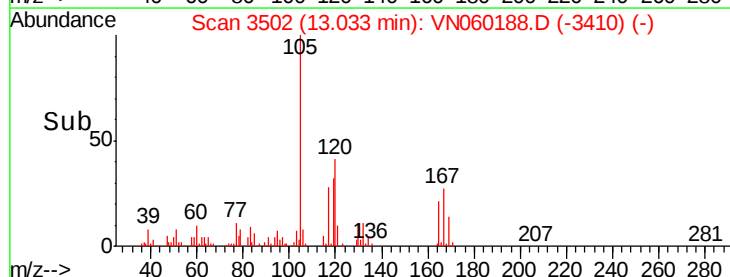
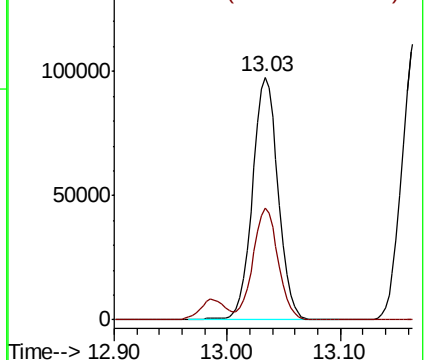
105 100

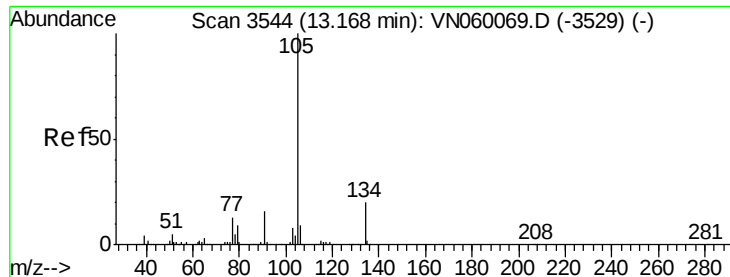
120 45.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

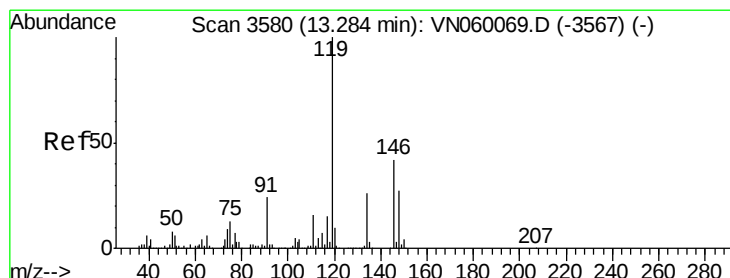
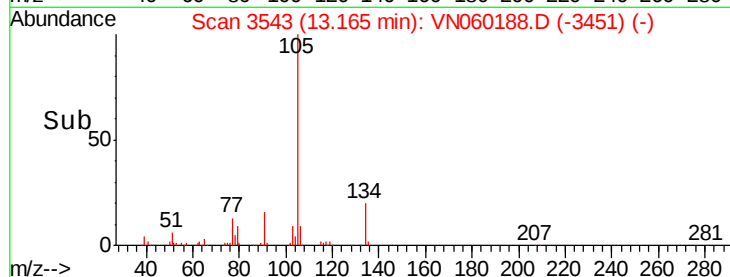
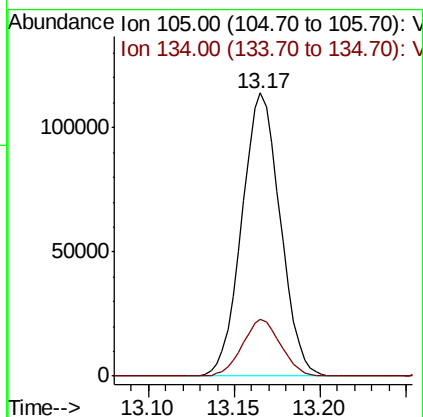
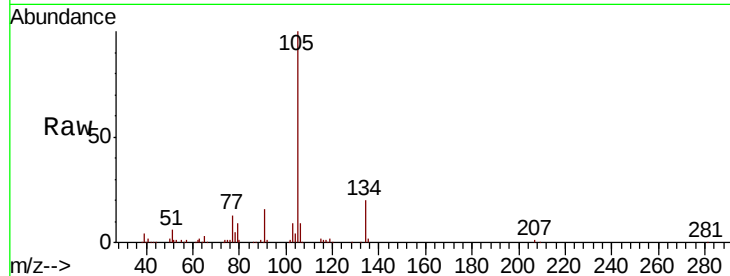




#85
 sec-Butylbenzene
 Concen: 18.708 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

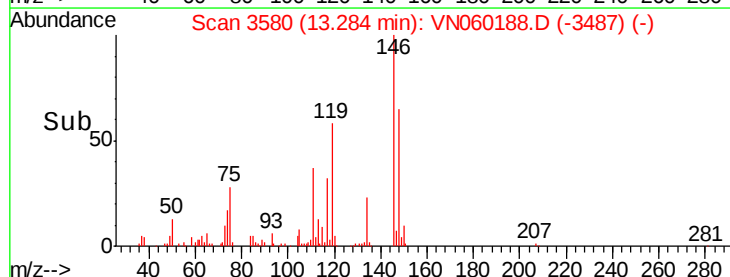
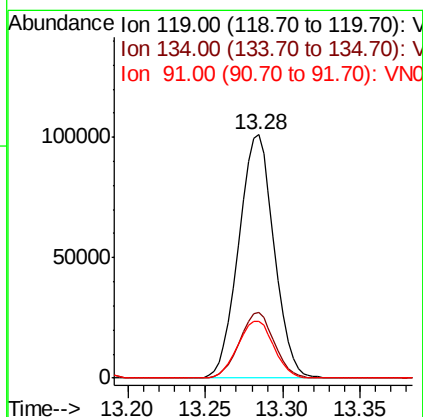
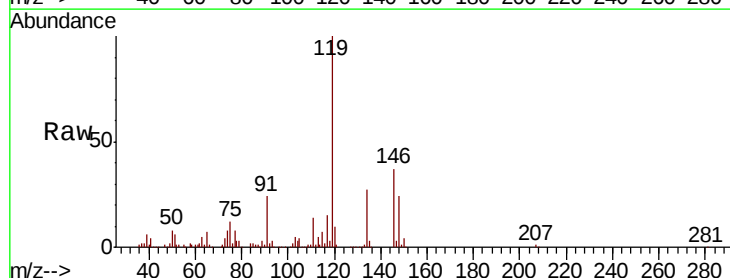
Instrument :
 MSVOA_N
 ClientSampled :

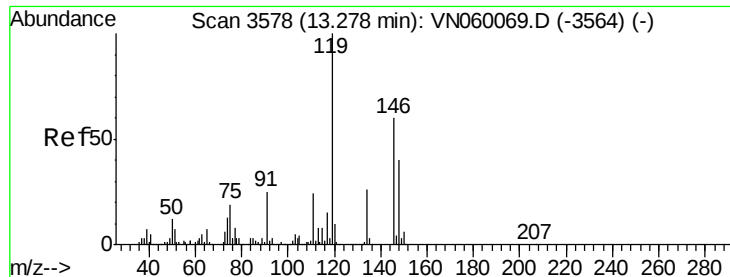
Tot Ion:105 Resp: 177193
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.711 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion:119 Resp: 160565
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.9 11.9 35.9

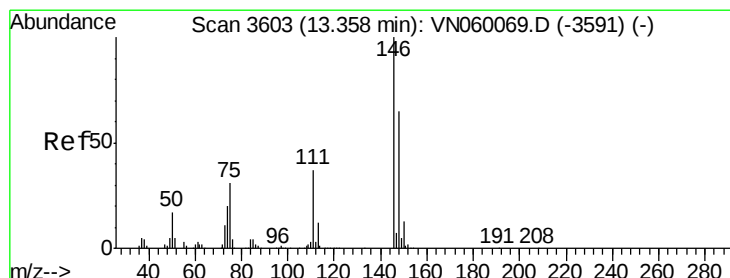
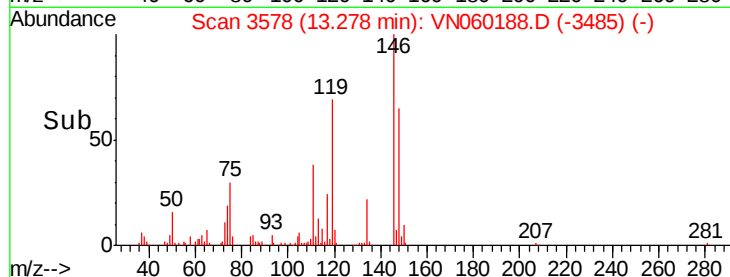
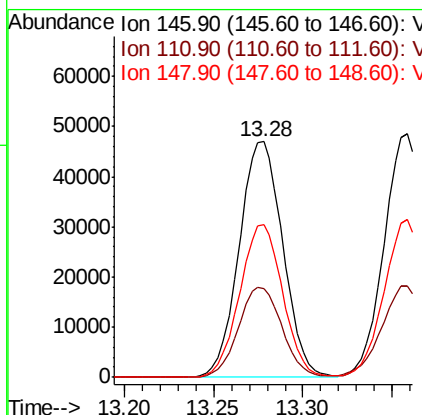
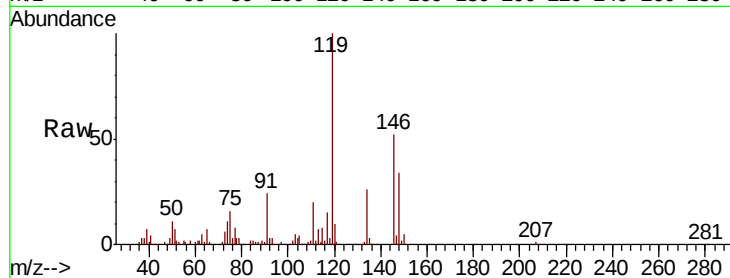




#87
 1,3-Dichlorobenzene
 Concen: 18.872 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

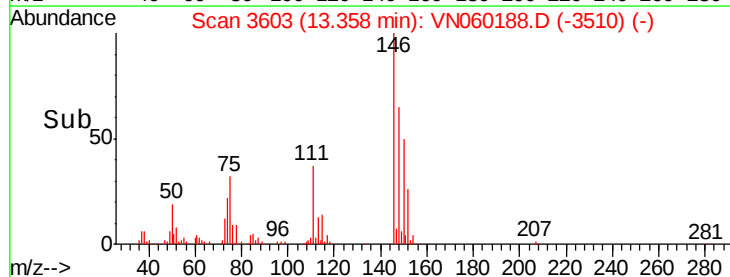
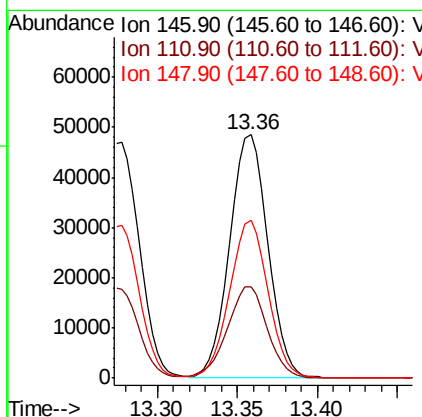
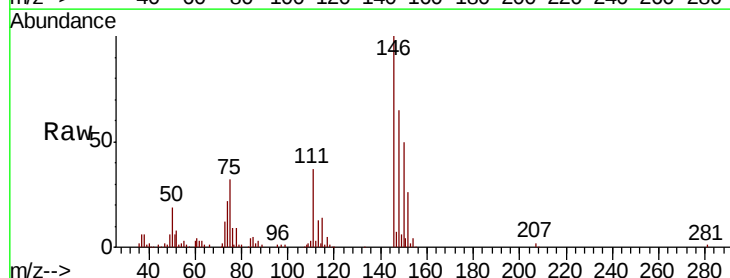
Instrument :
 MSVOA_N
 ClientSampleId :

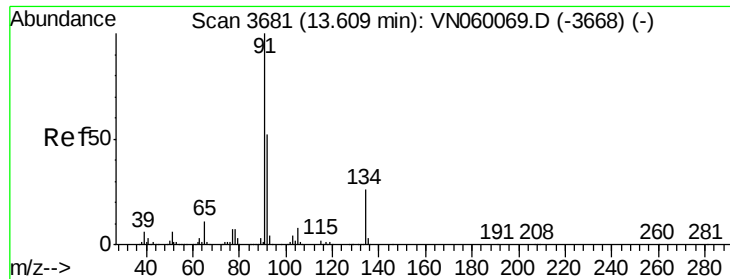
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.8	59.3
148	63.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.517 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.5
148	65.0	32.0	96.0

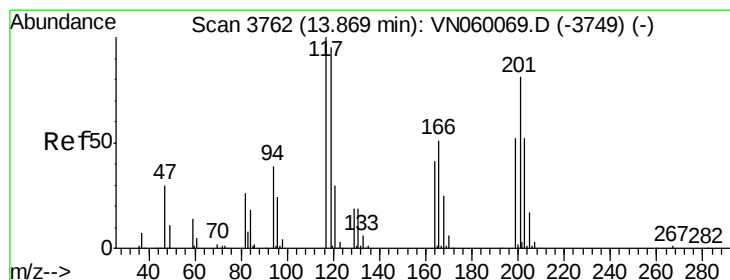
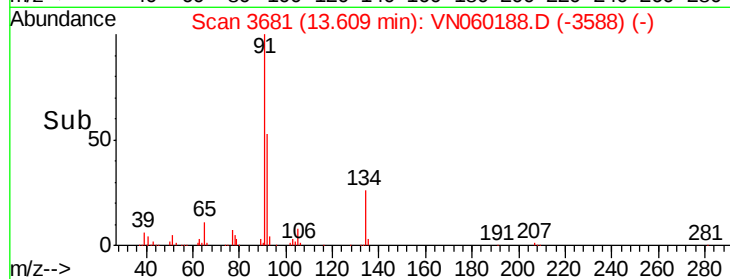
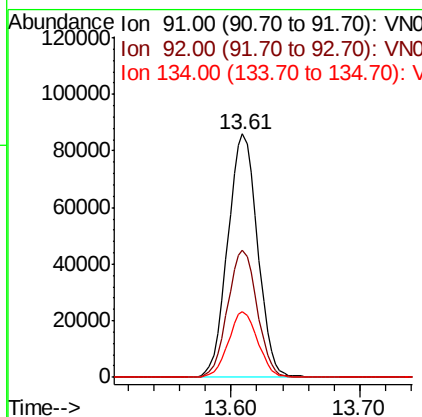
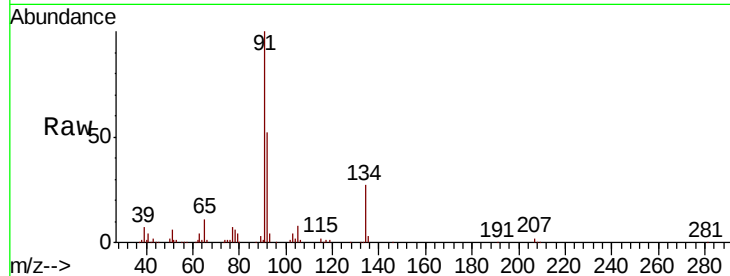




#89
n-Butylbenzene
Concen: 18.275 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

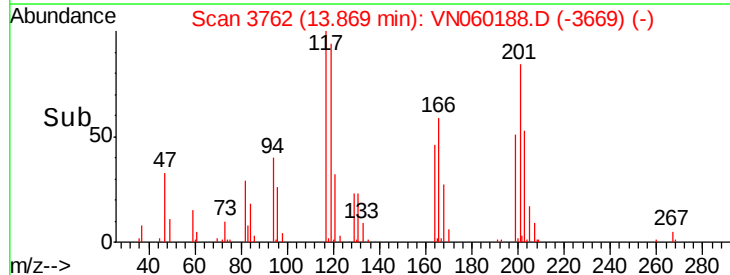
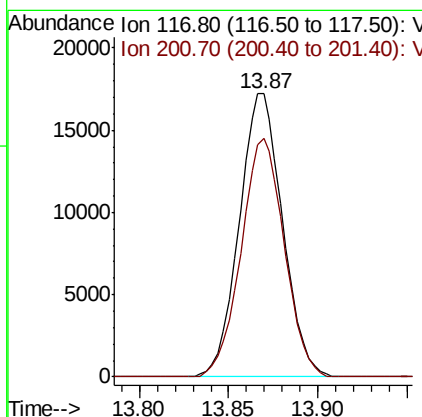
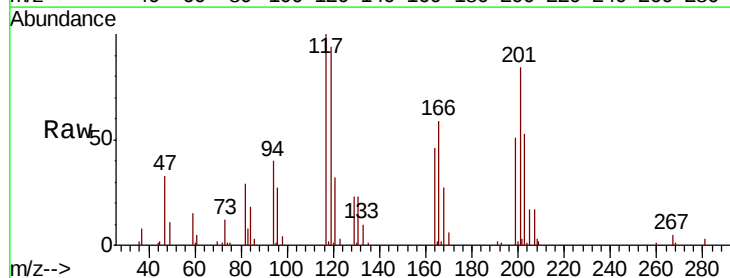
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 137940
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 18.203 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion: 117 Resp: 29182
Ion Ratio Lower Upper
117 100
201 83.9 41.7 125.1

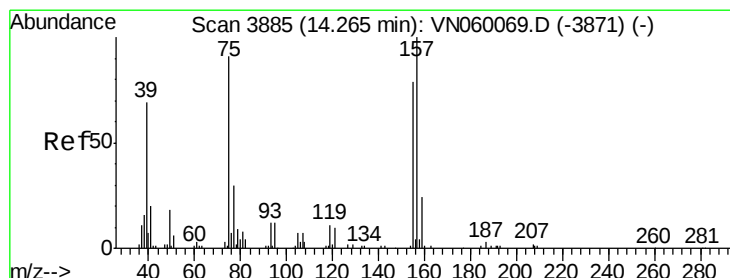
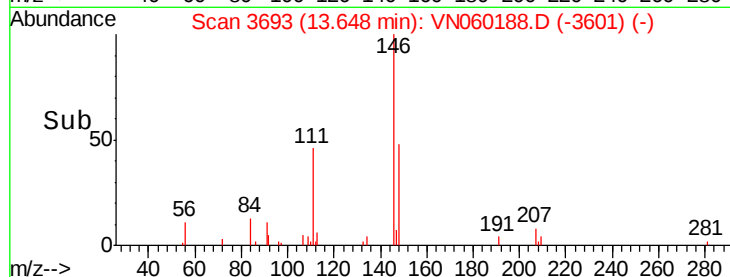
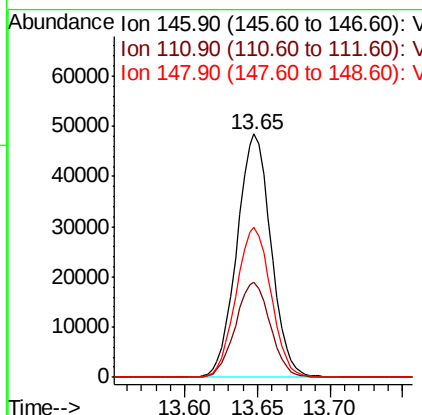
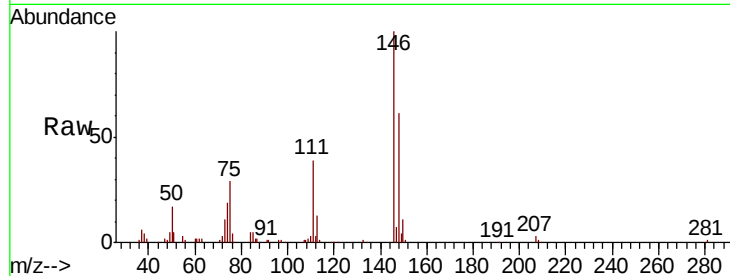




#91
 1,2-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

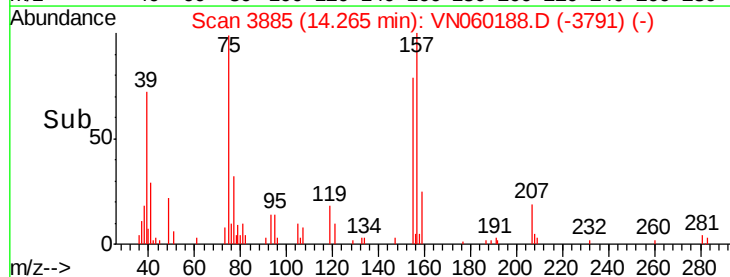
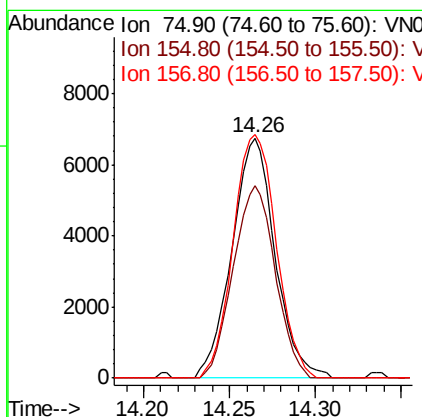
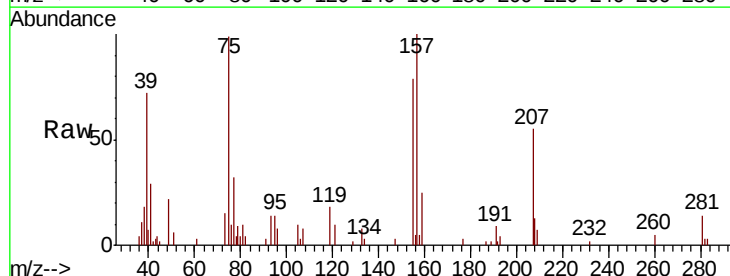
Instrument :
 MSVOA_N
 ClientSampleId :

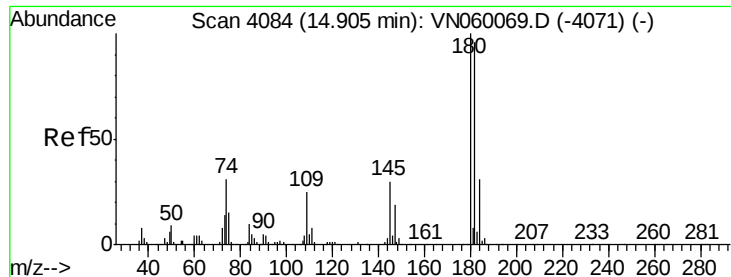
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	63.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.300 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	43.0	129.0
157	101.6	54.9	164.5

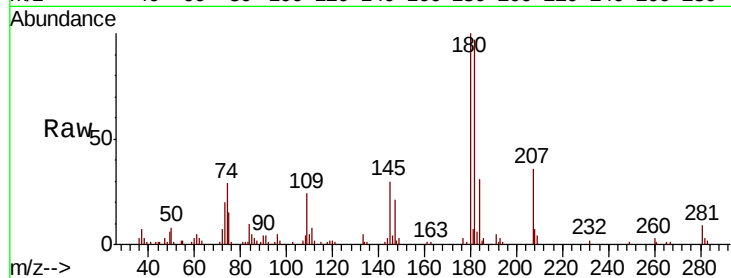




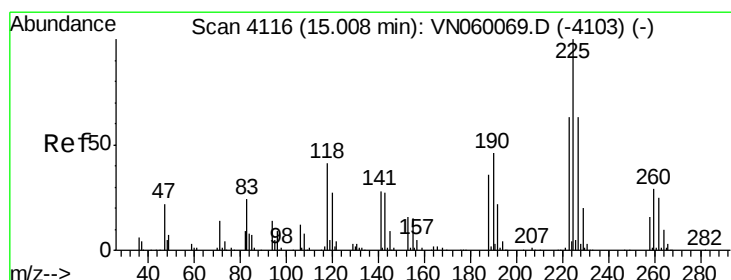
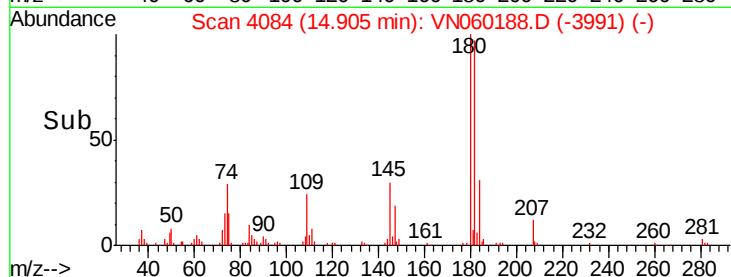
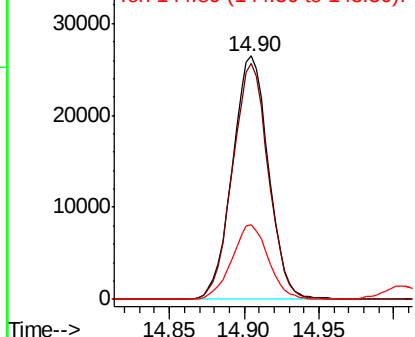
#93
 1,2,4-Trichlorobenzene
 Concen: 18.115 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	30.7	15.2	45.5

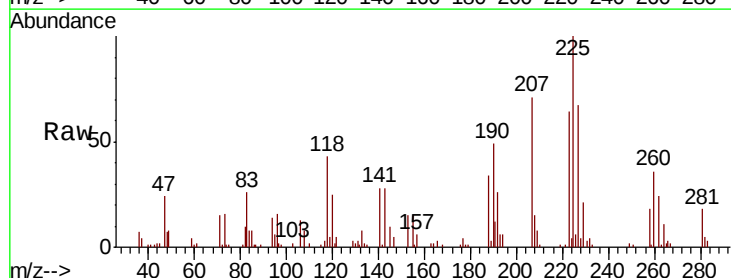


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

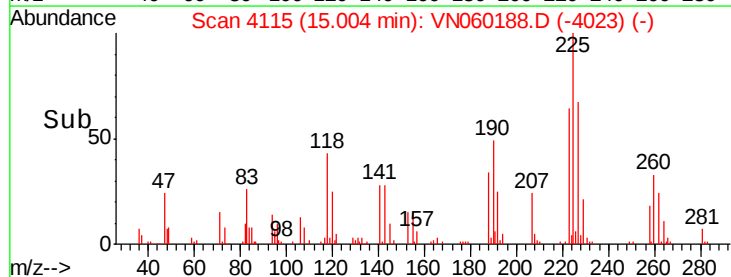
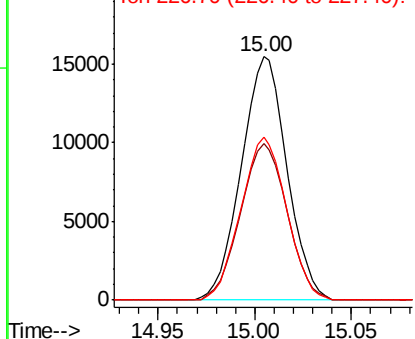


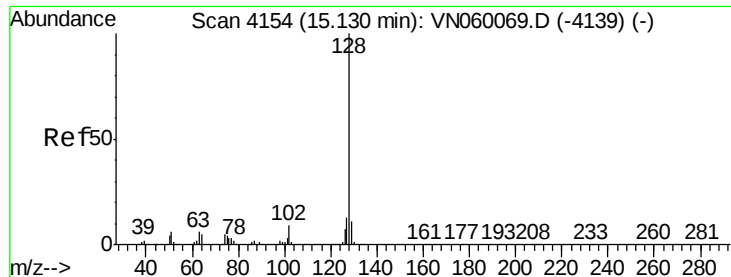
#94
 Hexachlorobutadiene
 Concen: 17.636 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060188.D
 Acq: 21 Feb 2020 14:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.5	94.5
227	67.0	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

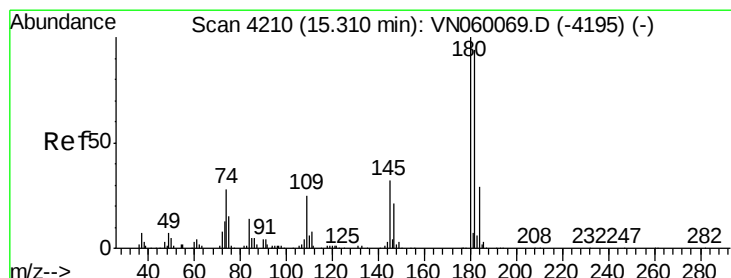
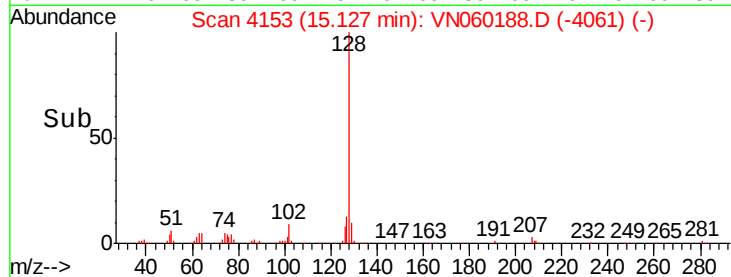
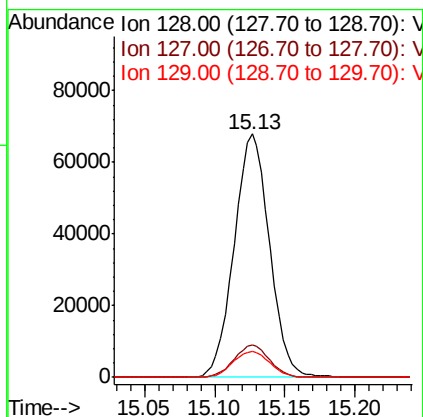
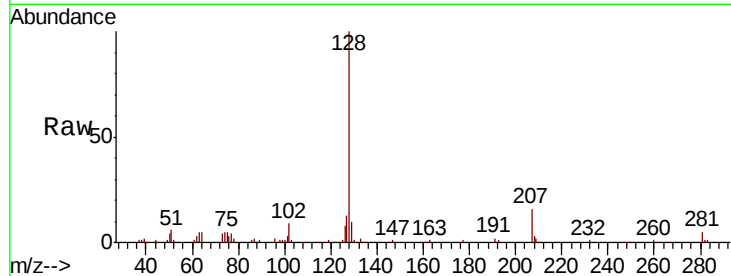




#95
Naphthalene
Concen: 17.993 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 119375
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.350 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.00 min
Lab File: VN060188.D
Acq: 21 Feb 2020 14:23

Tgt Ion:180 Resp: 44883
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 31.7 16.1 48.3

