

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061306.D
 Acq On : 6 May 2020 13:54
 Operator : JC/MD
 Sample : VN0506MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	102459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	93395	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
35) Dibromofluoromethane	7.54	113	55643	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.06	98	233147	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.38	95	87044	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21865	20.124	ug/l	100
3) Chloromethane	2.03	50	29552	22.458	ug/l	97
4) Vinyl Chloride	2.16	62	31816	21.287	ug/l	98
5) Bromomethane	2.54	94	14288	19.340	ug/l	95
6) Chloroethane	2.67	64	20276	21.404	ug/l	99
7) Trichlorofluoromethane	2.98	101	41400	24.552	ug/l	98
8) Diethyl Ether	3.37	74	17154	24.389	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23797	21.906	ug/l	100
10) Methyl Iodide	3.91	142	26432	18.933	ug/l	99
11) Tert butyl alcohol	4.73	59	24908	114.691	ug/l	99
12) 1,1-Dichloroethene	3.69	96	21992	20.344	ug/l	99
13) Acrolein	3.56	56	14281	98.676	ug/l	96
14) Allyl chloride	4.27	41	48023	23.959	ug/l	97
15) Acrylonitrile	4.93	53	76385	114.577	ug/l	100
16) Acetone	3.77	43	68151	105.500	ug/l	98
17) Carbon Disulfide	4.01	76	56194	18.818	ug/l	100
18) Methyl Acetate	4.27	43	40805	20.347	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	93424	22.617	ug/l	99
20) Methylene Chloride	4.50	84	27285	21.583	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	24844	21.105	ug/l	94
22) Diisopropyl ether	5.90	45	107397	23.106	ug/l	99
23) Vinyl Acetate	5.84	43	423923	113.272	ug/l	99
24) 1,1-Dichloroethane	5.79	63	52828	21.753	ug/l	98
25) 2-Butanone	6.78	43	105003	109.455	ug/l	98
26) 2,2-Dichloropropane	6.77	77	46254	22.612	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	29236	21.164	ug/l	97
28) Bromochloromethane	7.15	49	29179	25.349	ug/l	98
29) Tetrahydrofuran	7.16	42	69536	107.604	ug/l	100
30) Chloroform	7.33	83	53450	21.718	ug/l	99
31) Cyclohexane	7.61	56	44544	18.887	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	44860	20.933	ug/l	99
36) 1,1-Dichloropropene	7.75	75	36902	20.811	ug/l	100
37) Ethyl Acetate	6.88	43	45316	21.800	ug/l	100
38) Carbon Tetrachloride	7.73	117	32717	21.585	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050620\
 Data File : VN061306.D
 Acq On : 6 May 2020 13:54
 Operator : JC/MD
 Sample : VN0506MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	37936	19.077	ug/l	97
40) Benzene	8.00	78	111896	21.182	ug/l	100
41) Methacrylonitrile	7.13	41	21720	25.165	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	46646	23.308	ug/l	99
43) Isopropyl Acetate	8.12	43	75469	21.876	ug/l #	92
44) Trichloroethene	8.80	130	27496	19.254	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31393	22.244	ug/l	99
46) Dibromomethane	9.17	93	20059	22.955	ug/l	98
47) Bromodichloromethane	9.37	83	42284	22.544	ug/l	98
48) Methyl methacrylate	9.17	41	34706	22.293	ug/l	97
49) 1,4-Dioxane	9.17	88	7579	428.885	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	224953	110.777	ug/l	100
52) Toluene	10.12	92	68104	21.403	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	47005	22.241	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	49336	22.081	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	28377	22.358	ug/l	99
56) Ethyl methacrylate	10.40	69	43147	21.172	ug/l	97
57) 1,3-Dichloropropane	10.68	76	50228	22.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	117571	114.442	ug/l	100
59) 2-Hexanone	10.72	43	160515	108.650	ug/l	98
60) Dibromochloromethane	10.87	129	29344	22.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	28234	22.195	ug/l	99
64) Tetrachloroethene	10.60	164	26960	18.990	ug/l	99
65) Chlorobenzene	11.41	112	70222	21.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	26358	22.648	ug/l	100
67) Ethyl Benzene	11.48	91	129366	21.253	ug/l	100
68) m/p-Xylenes	11.60	106	94279	42.315	ug/l	98
69) o-Xylene	11.92	106	44765	20.917	ug/l	96
70) Styrene	11.94	104	75870	21.181	ug/l	99
71) Bromoform	12.10	173	18989	22.201	ug/l #	98
73) Isopropylbenzene	12.22	105	122885	22.167	ug/l	100
74) N-amyl acetate	12.05	43	62363	22.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	40646	23.514	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	55270	34.765	ug/l #	100
77) Bromobenzene	12.50	156	28739	22.458	ug/l	99
78) n-propylbenzene	12.57	91	145389	22.111	ug/l	100
79) 2-Chlorotoluene	12.65	91	85941	22.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	103497	22.557	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	13886	22.181	ug/l	96
82) 4-Chlorotoluene	12.75	91	90320	22.173	ug/l	98
83) tert-Butylbenzene	12.97	119	82629	21.358	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	104185	22.040	ug/l	98
85) sec-Butylbenzene	13.15	105	113967	21.607	ug/l	100
86) p-Isopropyltoluene	13.26	119	101780	21.417	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	51151	21.712	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	51456	21.377	ug/l	97
89) n-Butylbenzene	13.59	91	92333	21.193	ug/l	99
90) Hexachloroethane	13.85	117	12806	29.520	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	50751	22.467	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8112	22.220	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050620\
Data File : VN061306.D
Acq On : 6 May 2020 13:54
Operator : JC/MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 07 03:08:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

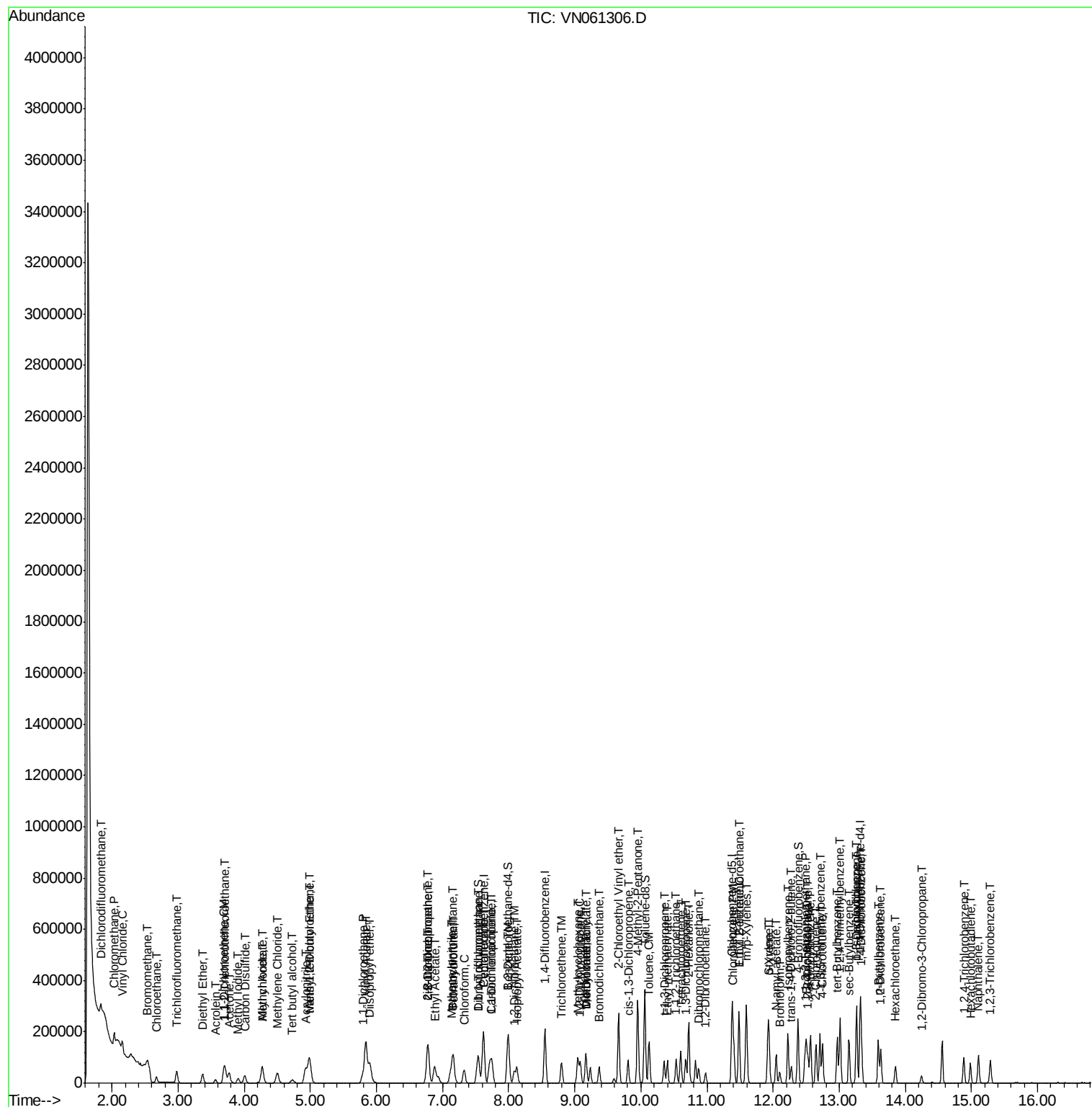
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28053	20.394	ug/l	98
94) Hexachlorobutadiene	14.98	225	13482	23.461	ug/l	98
95) Naphthalene	15.11	128	87238	19.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28421	20.928	ug/l	99

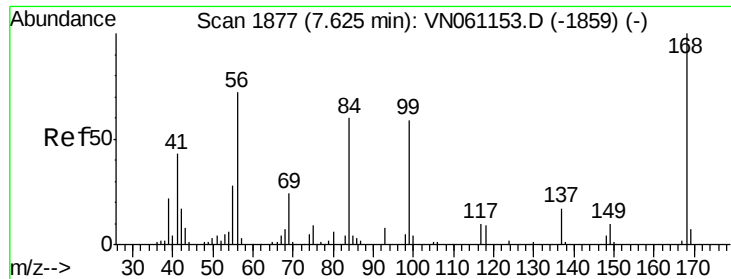
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061306.D
Acq On : 6 May 2020 13:54
Operator : JC/MD
Sample : VN0506MBS01
Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 07 03:08:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

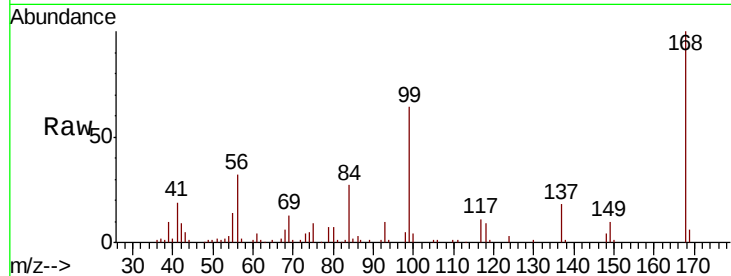
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 102459

Ion Ratio Lower Upper

168 100

99 63.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

40000

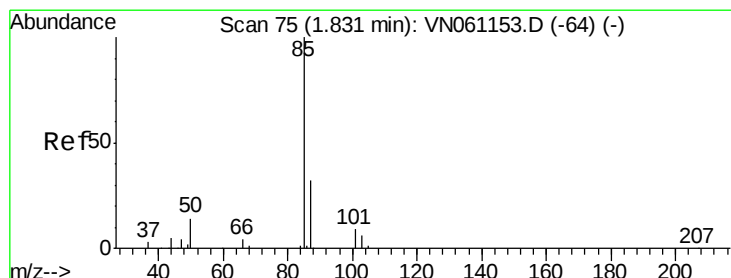
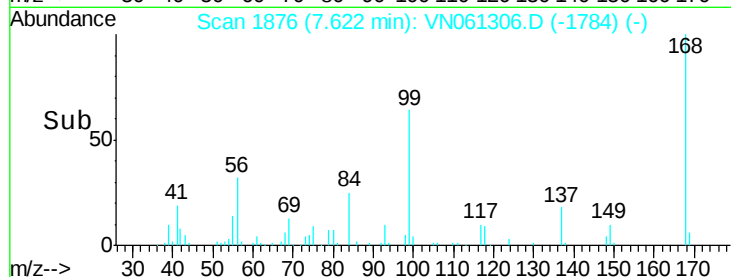
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.124 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061306.D

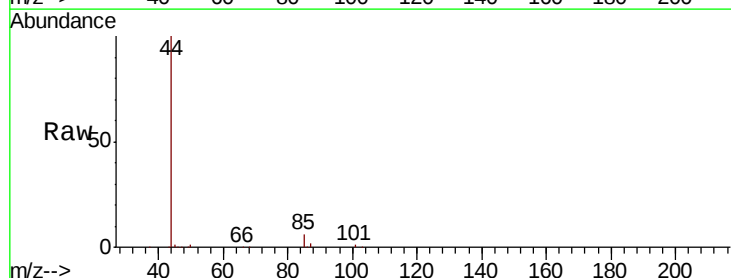
Acq: 6 May 2020 13:54

Tgt Ion: 85 Resp: 21865

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

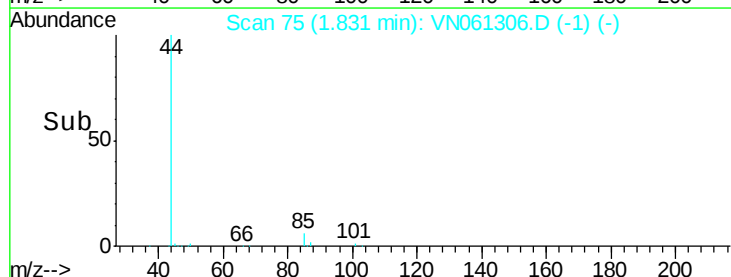
15000

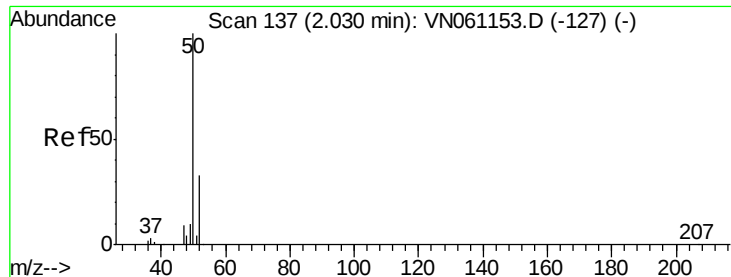
10000

5000

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 22.458 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

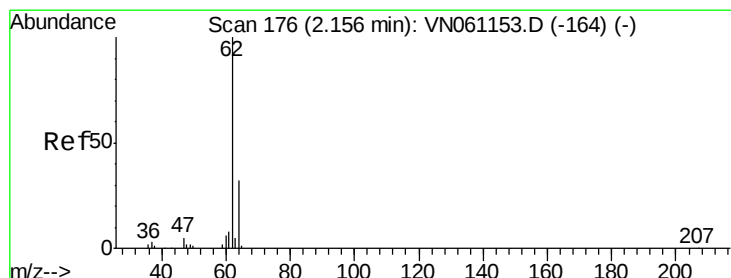
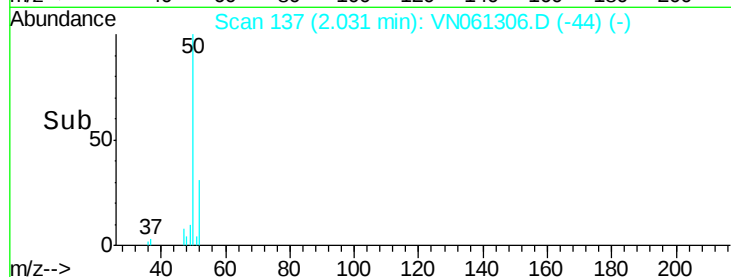
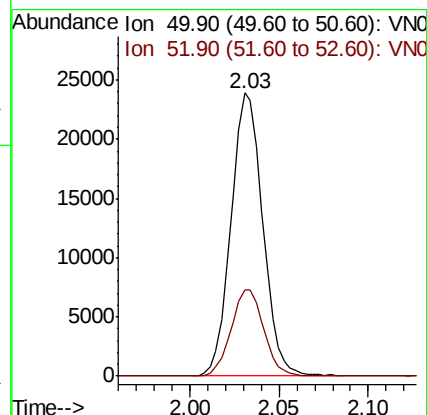
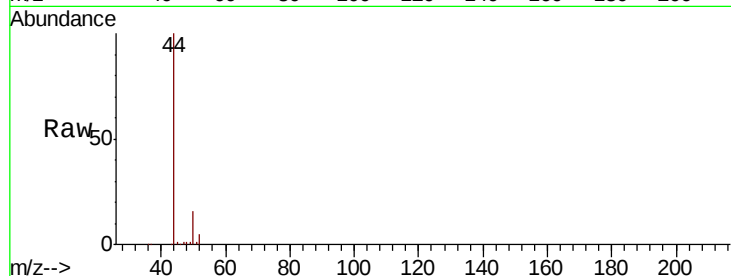
ClientSampled :

Tot Ion: 50 Resp: 29552

Ion Ratio Lower Upper

50 100

52 30.5 26.0 39.0



#4

Vinyl Chloride

Concen: 21.287 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061306.D

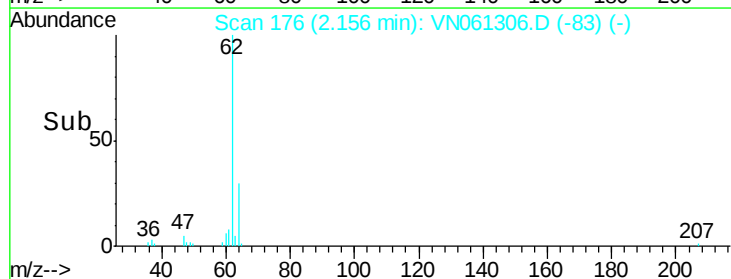
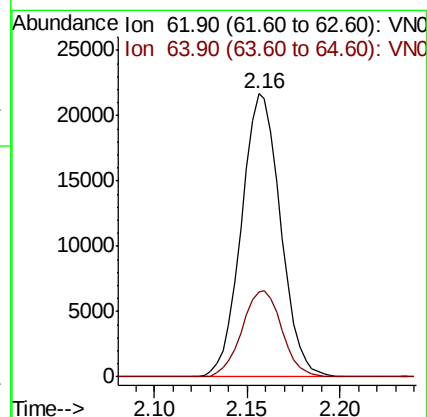
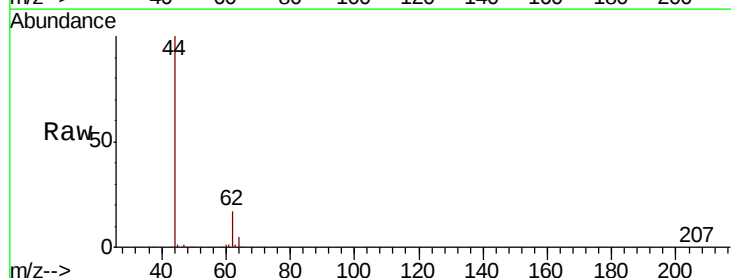
Acq: 6 May 2020 13:54

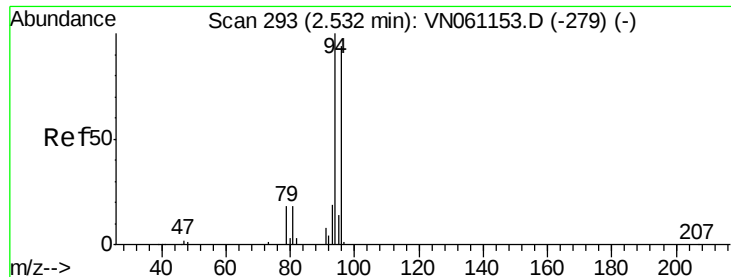
Tgt Ion: 62 Resp: 31816

Ion Ratio Lower Upper

62 100

64 30.2 25.2 37.8





#5

Bromomethane

Concen: 19.340 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

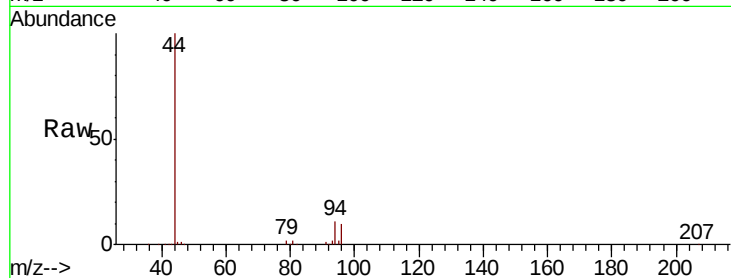
ClientSampled :

Tot Ion: 94 Resp: 14288

Ion Ratio Lower Upper

94 100

96 89.0 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

8000

6000

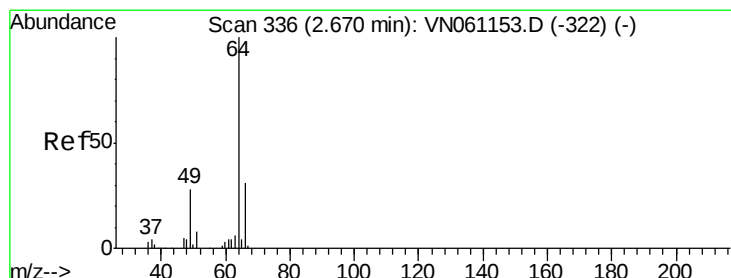
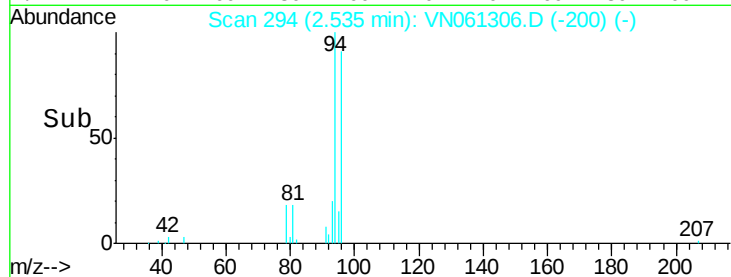
4000

2000

0

Time-->

2.50 2.55 2.60



#6

Chloroethane

Concen: 21.404 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061306.D

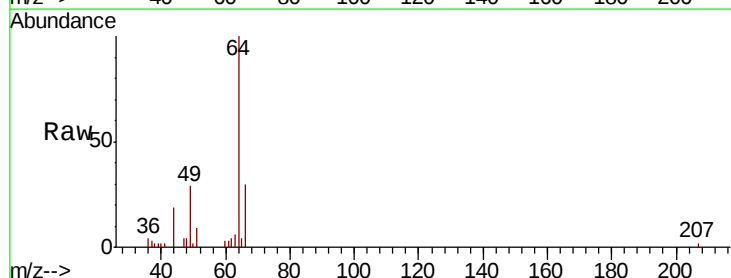
Acq: 6 May 2020 13:54

Tgt Ion: 64 Resp: 20276

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

12000

10000

8000

6000

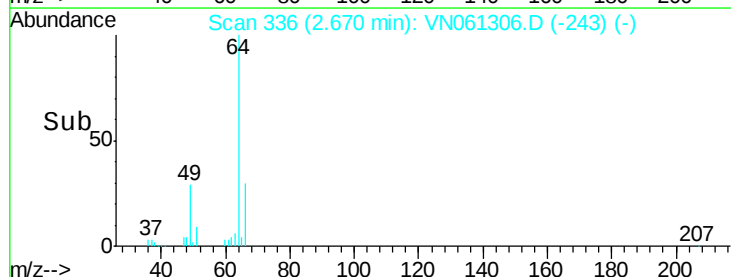
4000

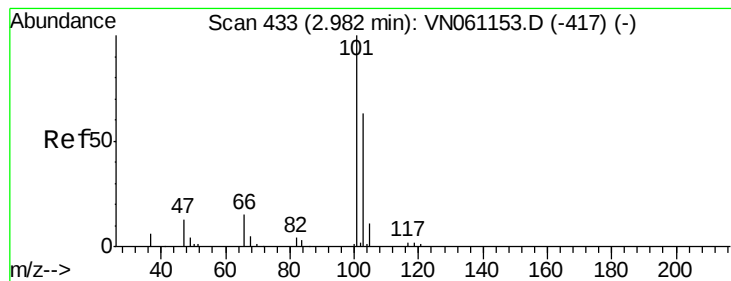
2000

0

Time-->

2.60 2.65 2.70 2.75



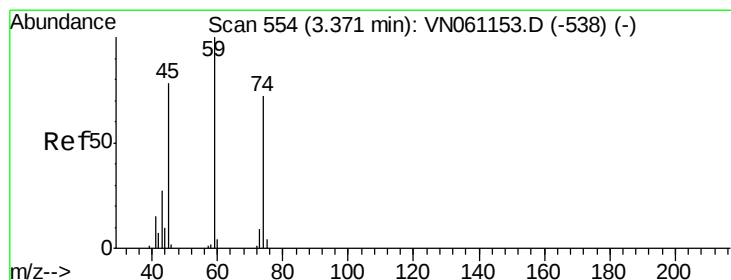
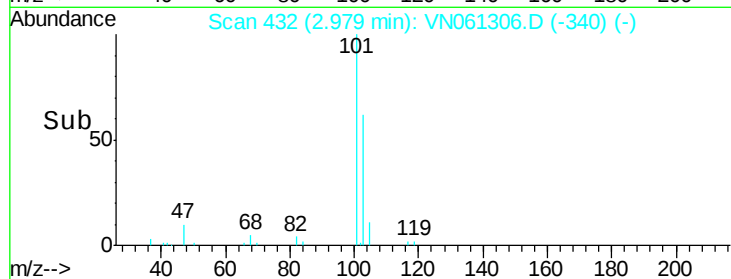
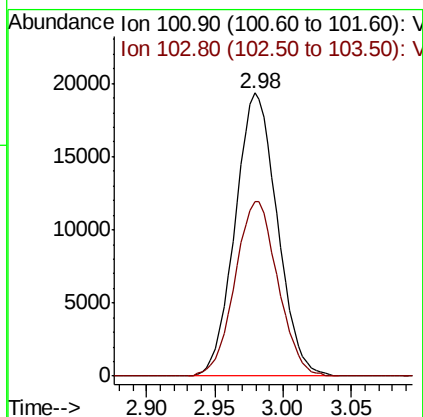
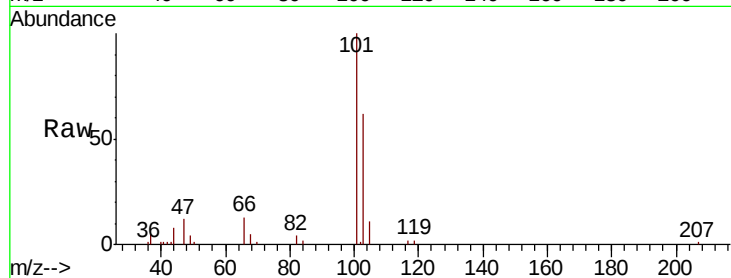


#7

Trichlorofluoromethane
 Concen: 24.552 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

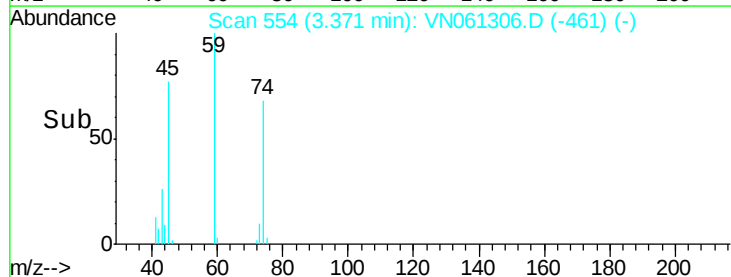
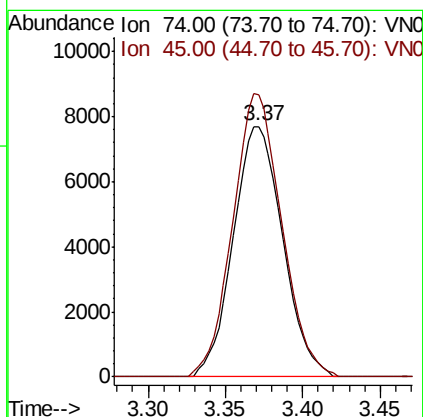
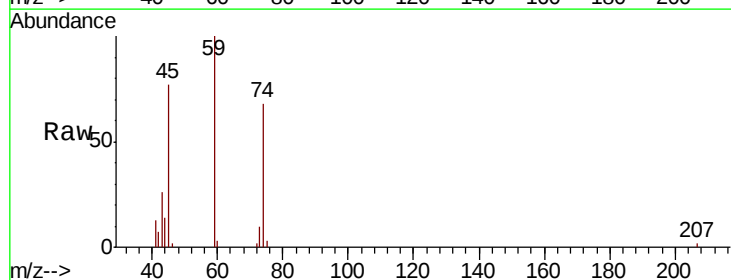
Tot Ion:101 Resp: 41400
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.6 76.0



#8

Diethyl Ether
 Concen: 24.389 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 74 Resp: 17154
 Ion Ratio Lower Upper
 74 100
 45 111.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.906 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

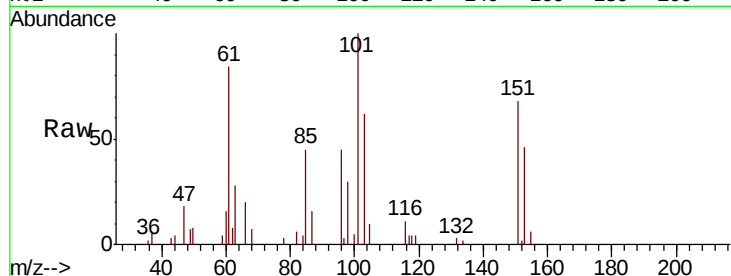
Tot Ion:101 Resp: 23797

Ion Ratio Lower Upper

101 100

85 46.3 37.2 55.8

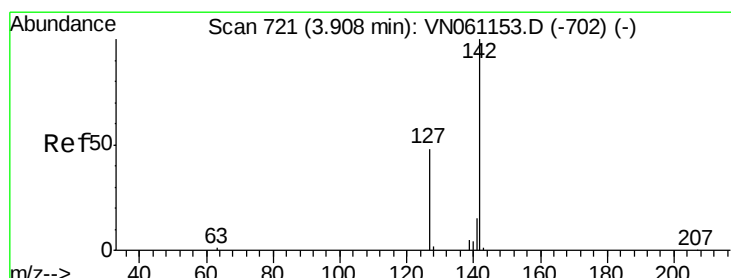
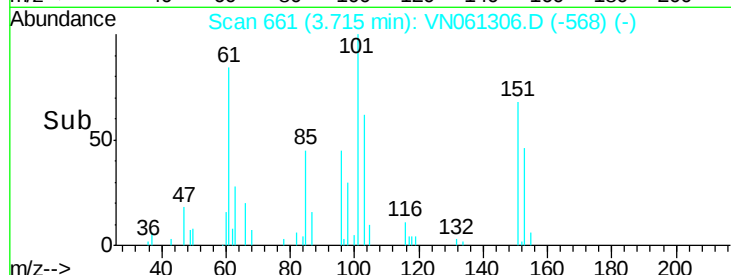
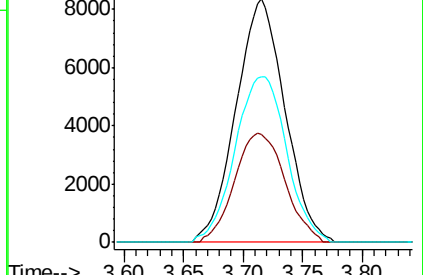
151 71.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.933 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

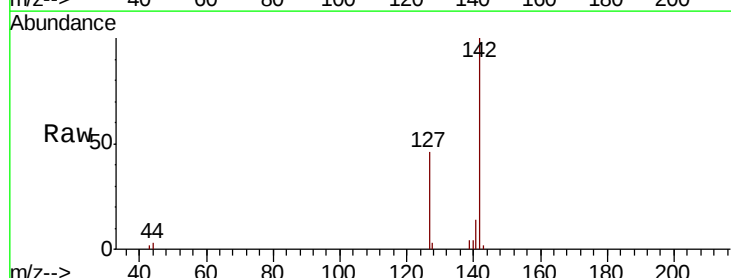
Tgt Ion:142 Resp: 26432

Ion Ratio Lower Upper

142 100

127 46.7 38.0 57.0

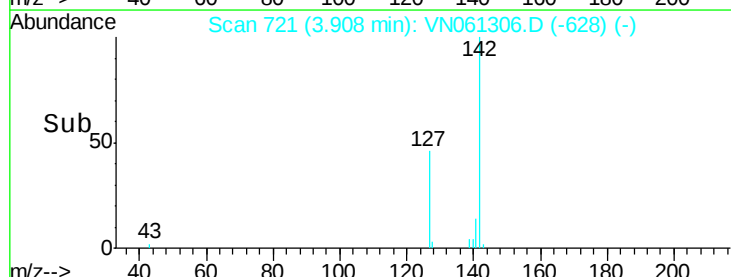
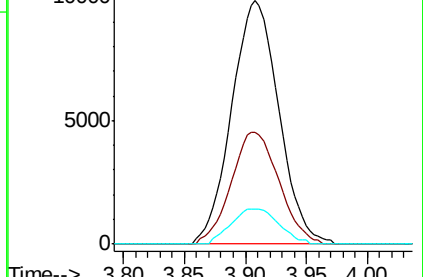
141 14.6 11.7 17.5

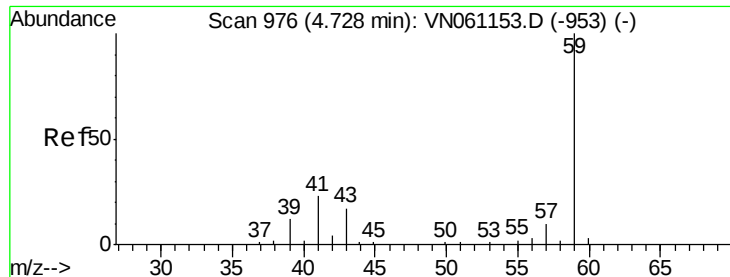


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

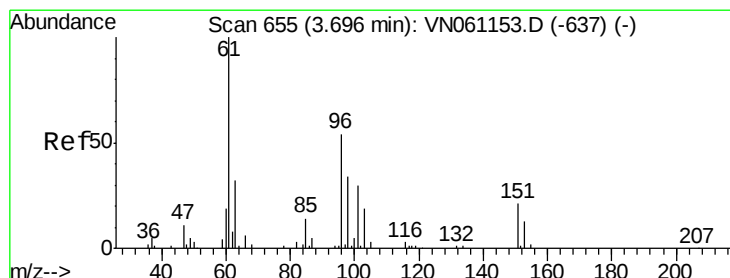
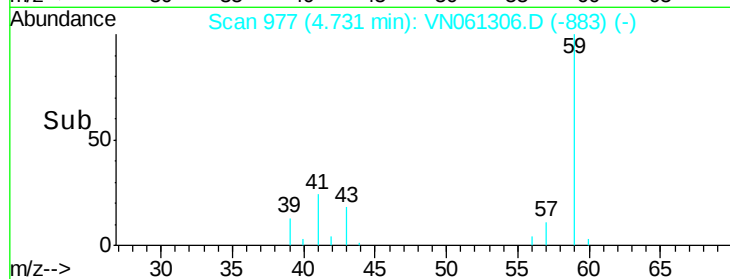
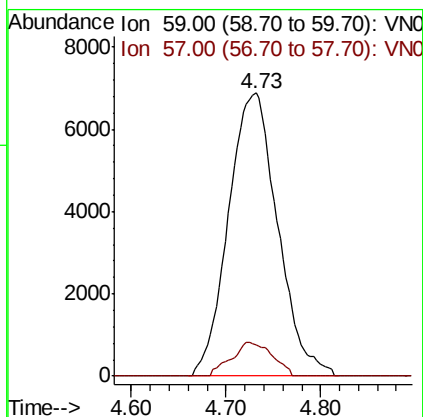
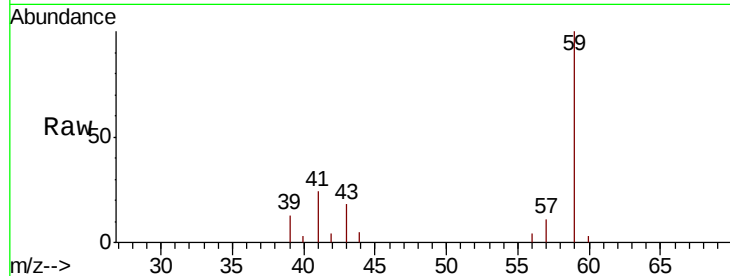




#11
Tert butyl alcohol
Concen: 114.691 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

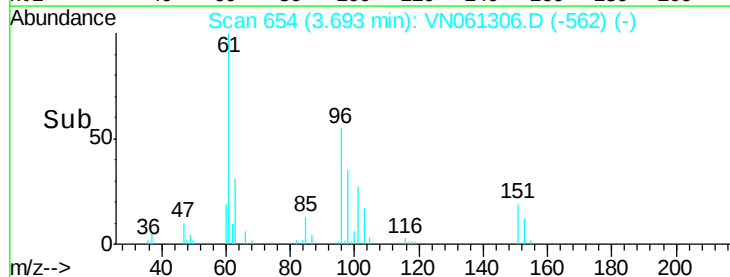
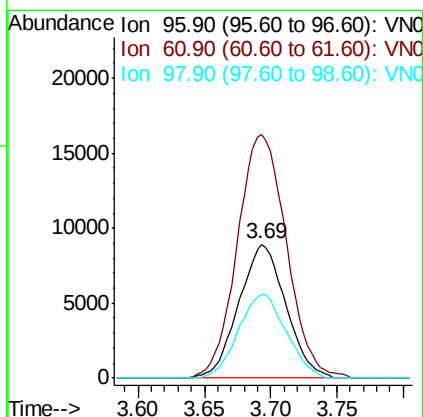
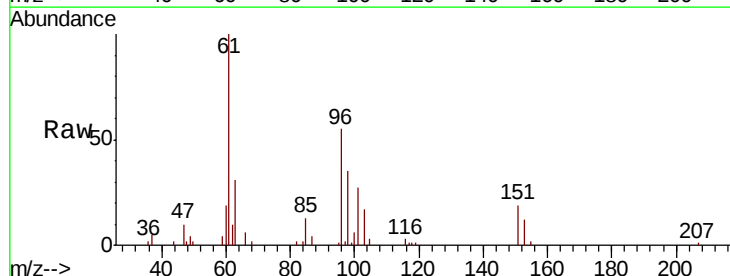
Instrument :
MSVOA_N
ClientSampleId :

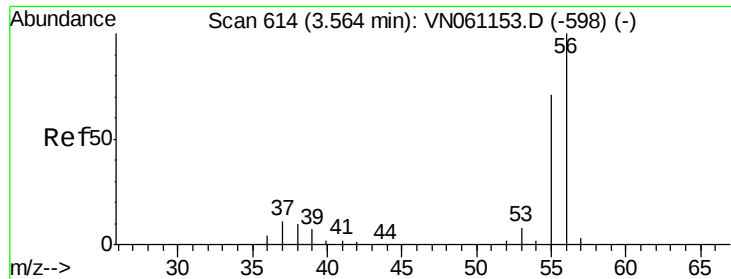
Tot Ion: 59 Resp: 24908
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.344 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 96 Resp: 21992
Ion Ratio Lower Upper
96 100
61 182.0 147.0 220.6
98 62.9 49.8 74.6





#13

Acrolein

Concen: 98.676 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

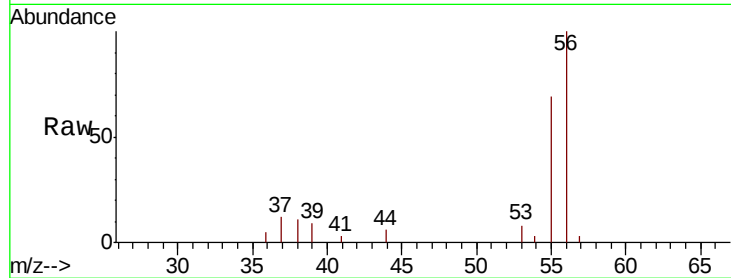
ClientSampleId :

Tot Ion: 56 Resp: 14281

Ion Ratio Lower Upper

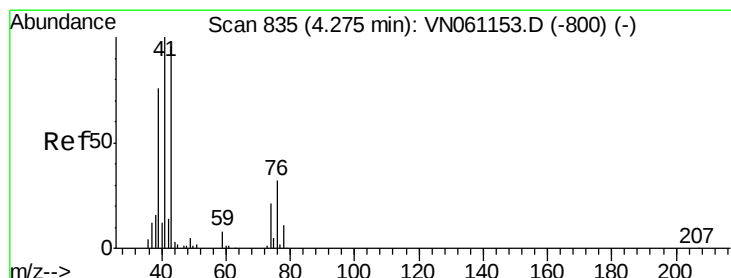
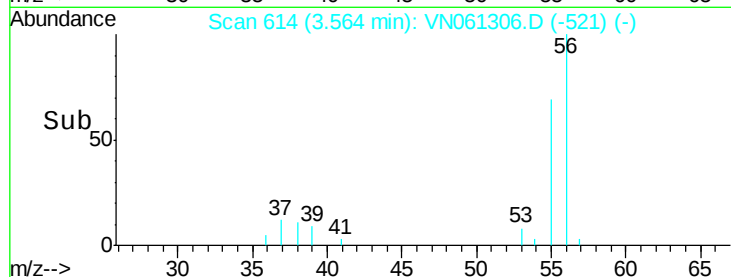
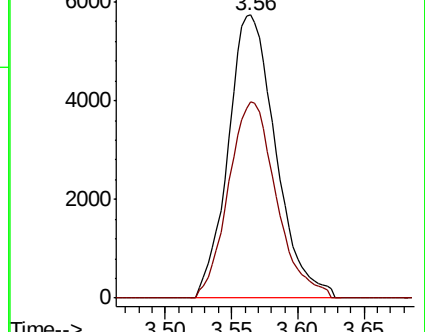
56 100

55 69.7 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)



#14

Allyl chloride

Concen: 23.959 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

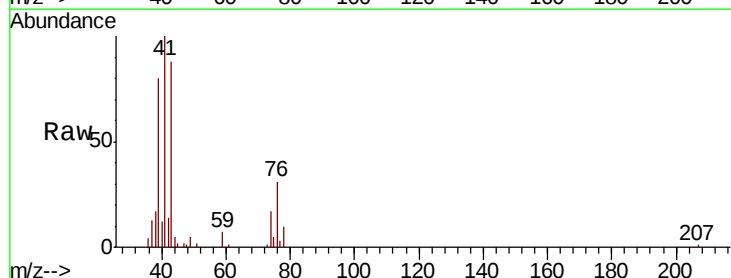
Tgt Ion: 41 Resp: 48023

Ion Ratio Lower Upper

41 100

39 73.8 57.1 85.7

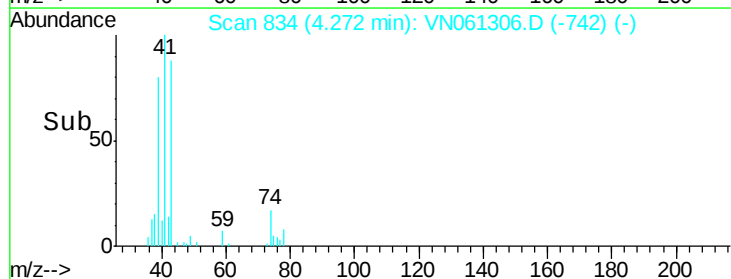
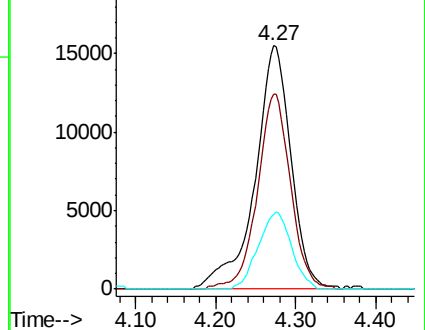
76 29.1 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

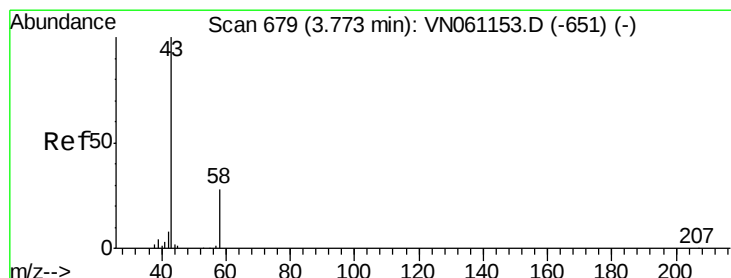
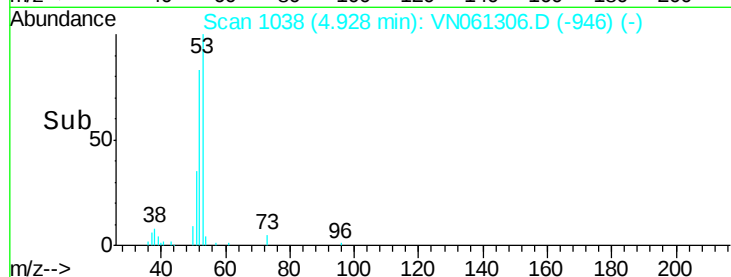
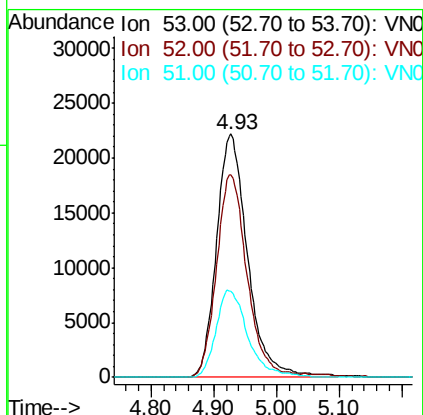
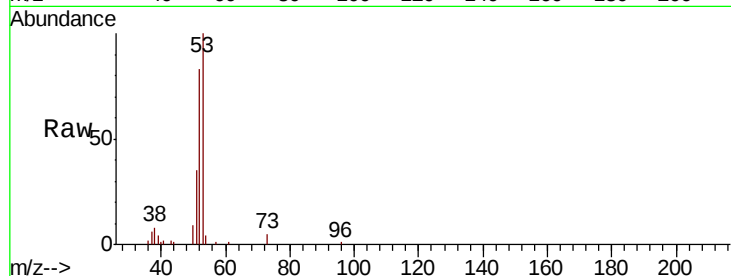




#15
 Acrylonitrile
 Concen: 114.577 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

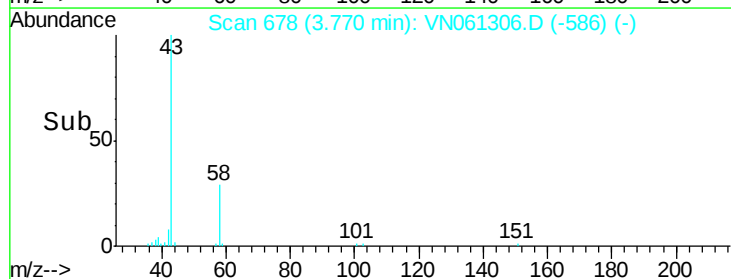
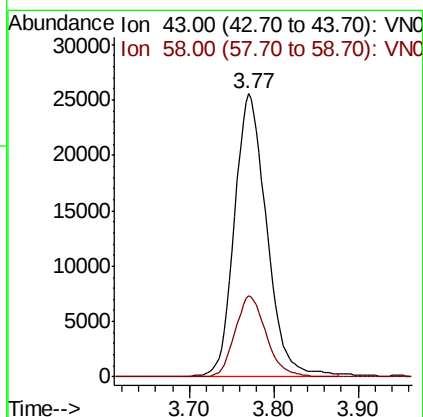
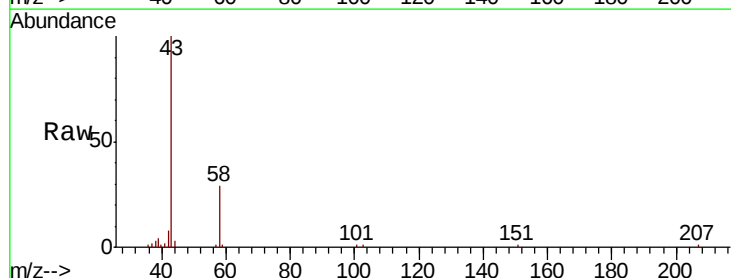
Instrument :
 MSVOA_N
 ClientSampleId :

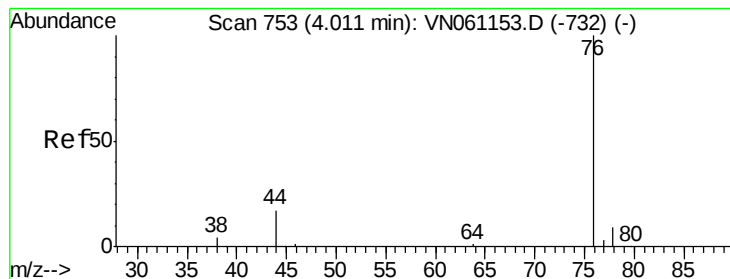
Tot Ion	53	Resp	76385
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.4	98.0
51	36.6	29.5	44.3



#16
 Acetone
 Concen: 105.500 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion	43	Resp	68151
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.2	33.2





#17

Carbon Disulfide

Concen: 18.818 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

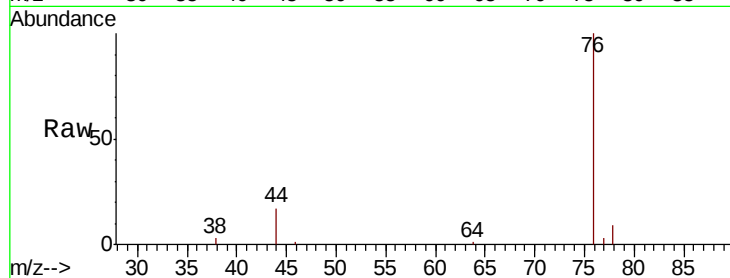
ClientSampleId :

Tot Ion: 76 Resp: 56194

Ion Ratio Lower Upper

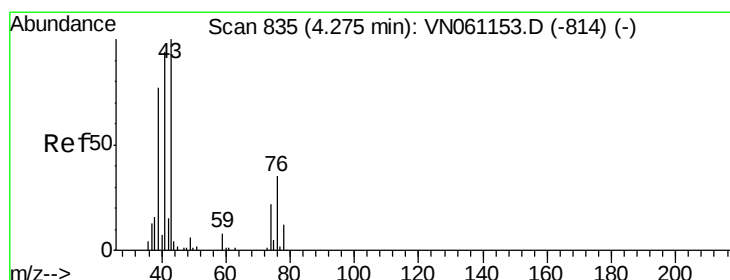
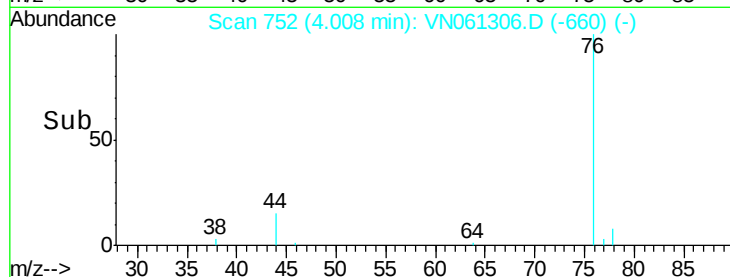
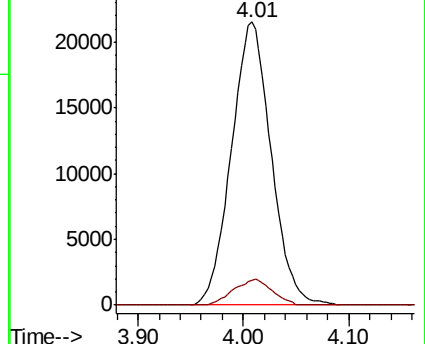
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)



#18

Methyl Acetate

Concen: 20.347 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061306.D

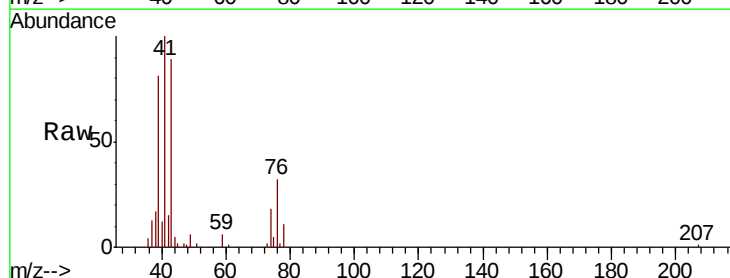
Acq: 6 May 2020 13:54

Tgt Ion: 43 Resp: 40805

Ion Ratio Lower Upper

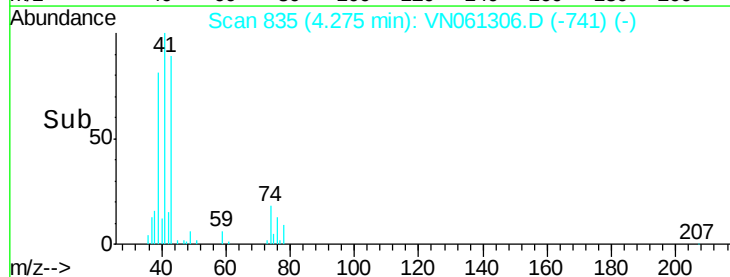
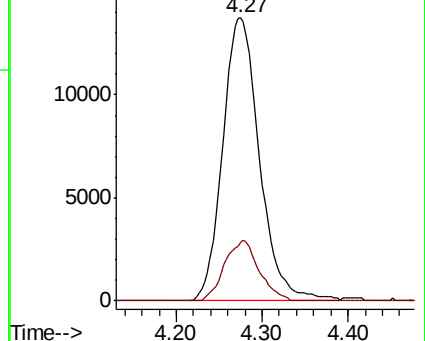
43 100

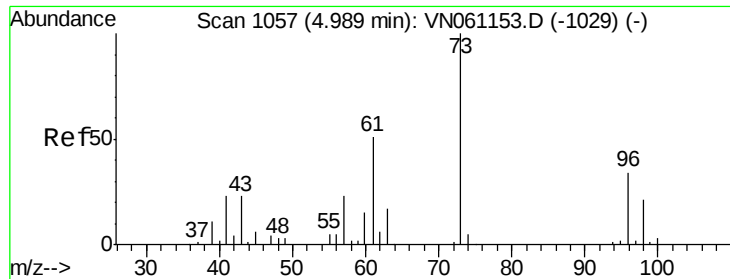
74 19.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)



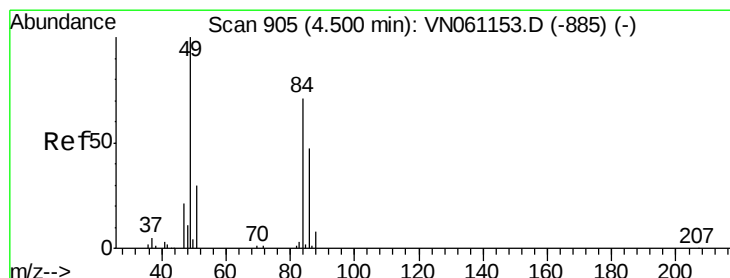
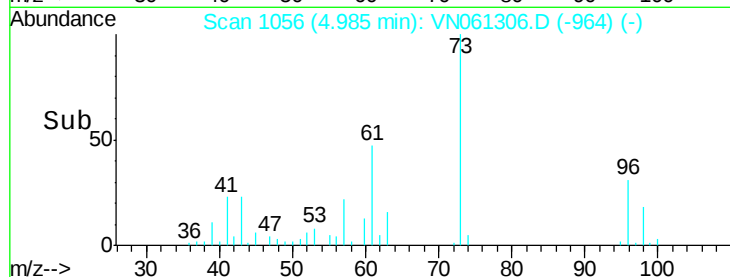
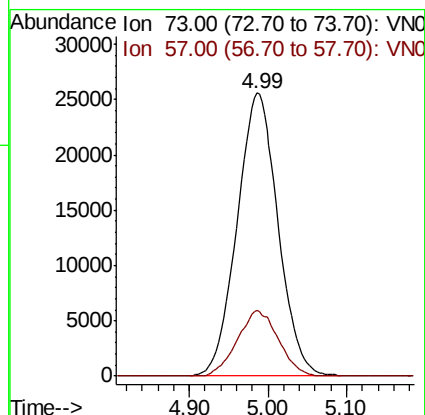
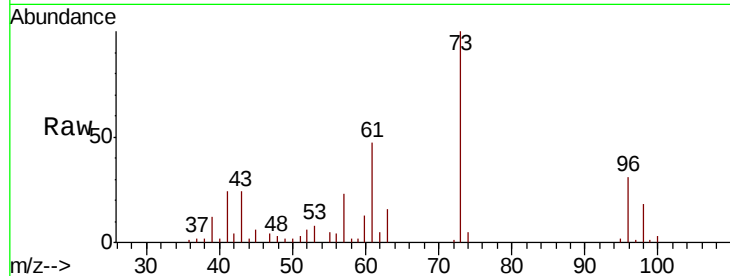


#19

Methyl tert-butyl Ether
 Concen: 22.617 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

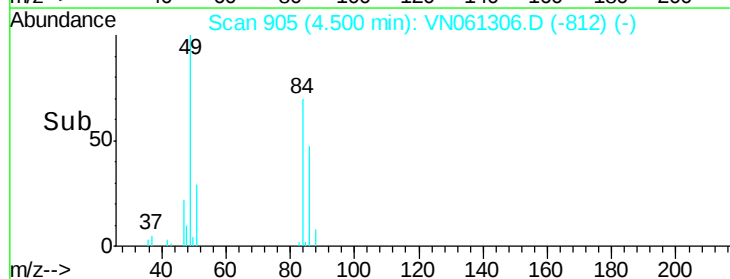
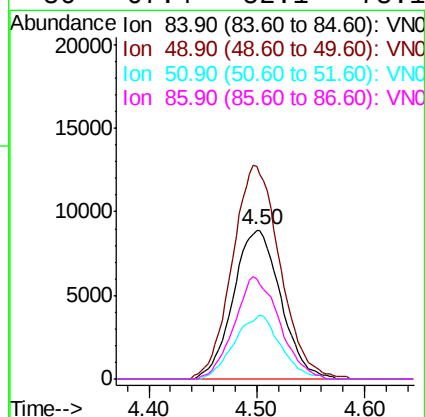
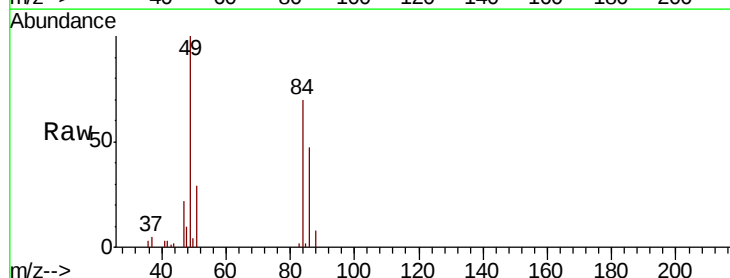
Tot Ion: 73 Resp: 93424
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.3 27.5

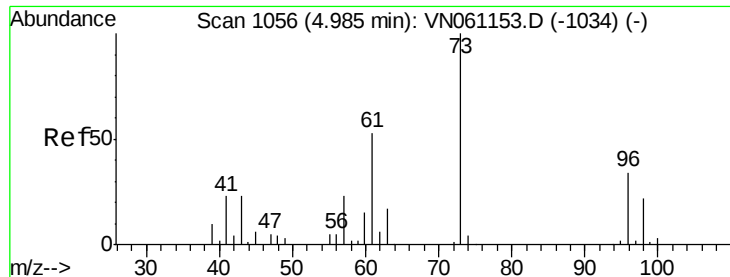


#20

Methylene Chloride
 Concen: 21.583 ug/l
 RT: 4.50 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 84 Resp: 27285
 Ion Ratio Lower Upper
 84 100
 49 142.4 112.0 168.0
 51 40.9 33.6 50.4
 86 67.4 52.1 78.1



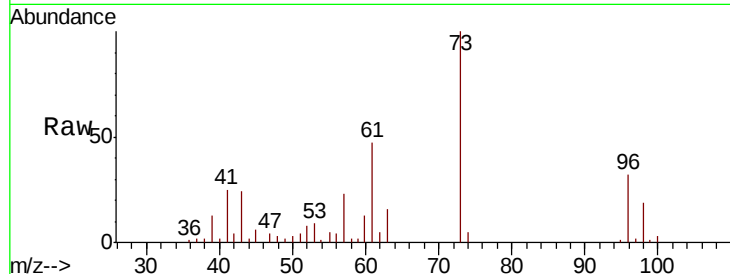


#21

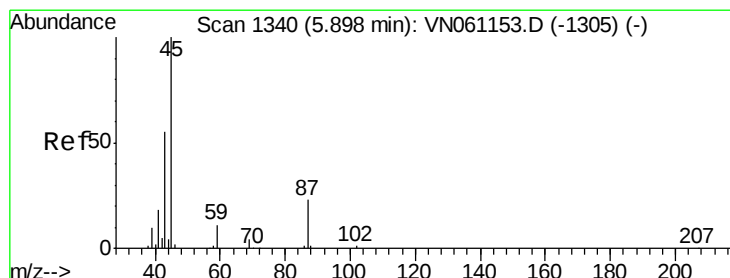
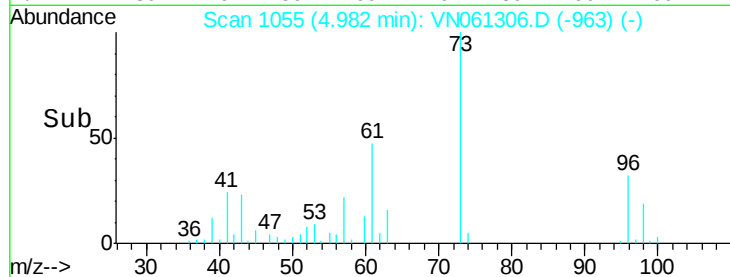
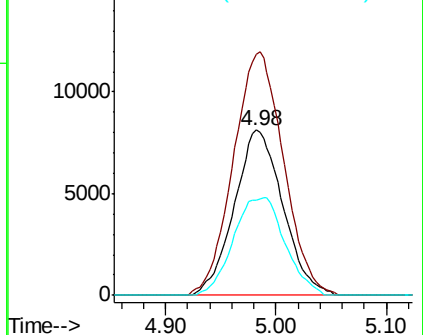
trans-1,2-Dichloroethene
Concen: 21.105 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 24844
Ion Ratio Lower Upper
96 100
61 145.9 123.0 184.4
98 57.5 50.1 75.1



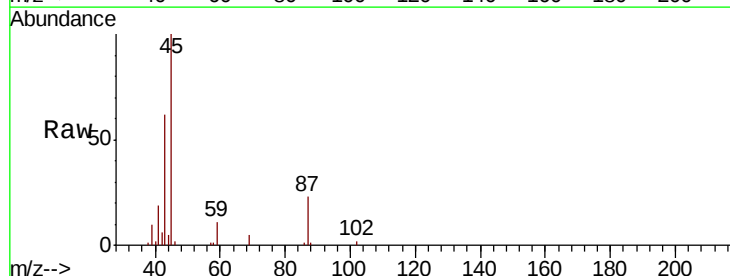
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



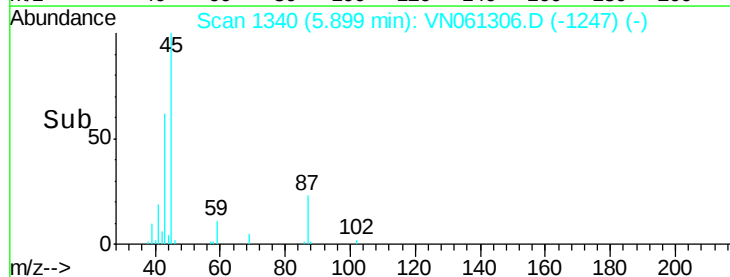
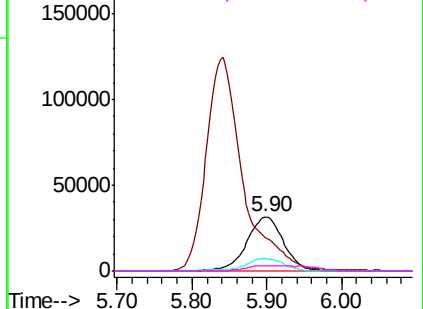
#22

Diisopropyl ether
Concen: 23.106 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 45 Resp: 107397
Ion Ratio Lower Upper
45 100
43 60.1 47.9 71.9
87 23.2 19.2 28.8
59 10.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 113.272 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

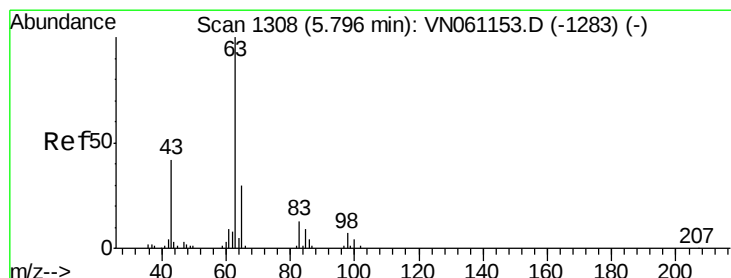
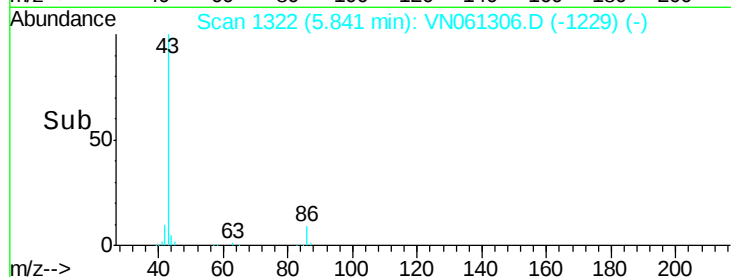
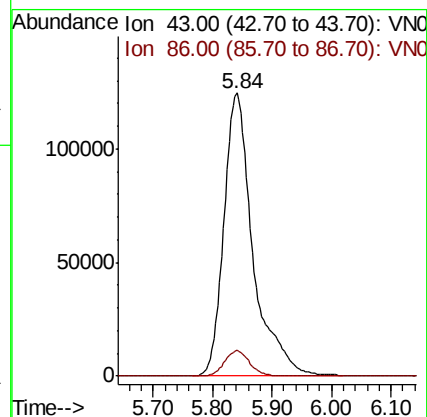
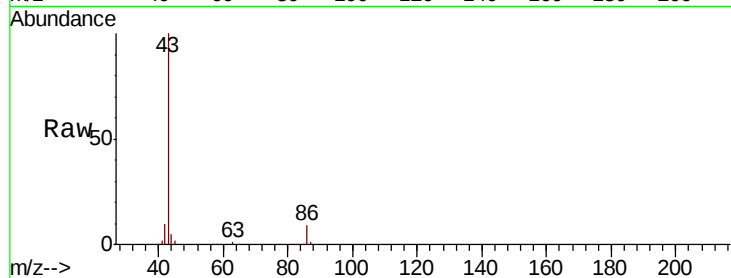
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 423923

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



#24

1,1-Dichloroethane

Concen: 21.753 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

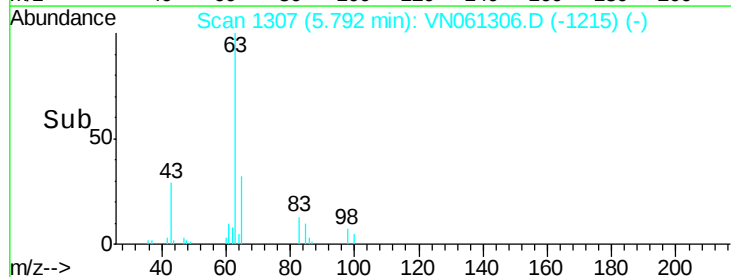
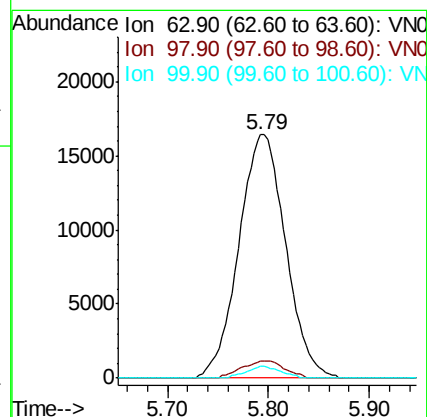
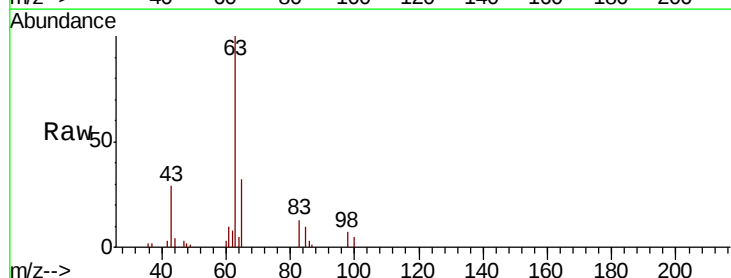
Tgt Ion: 63 Resp: 52828

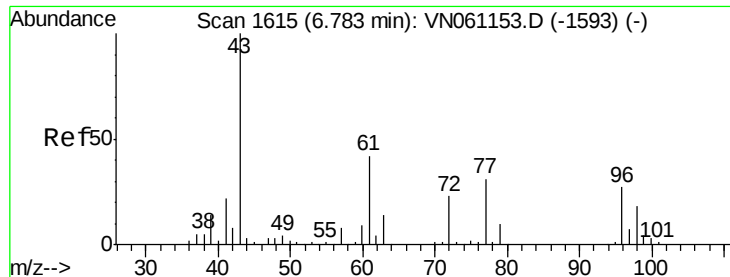
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.7 1.9 5.7

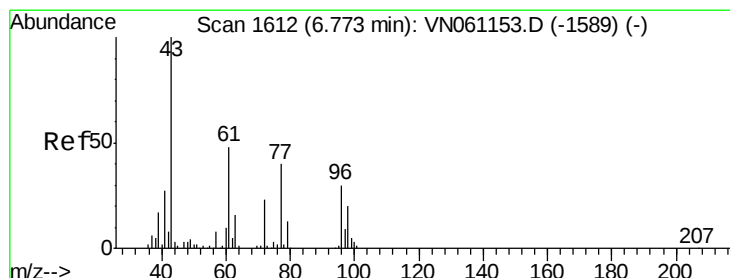
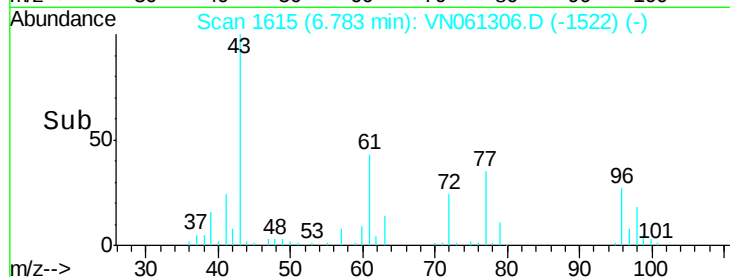
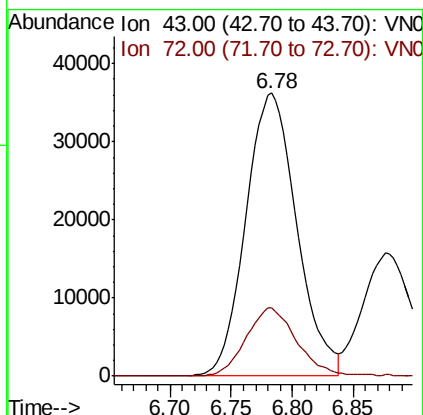
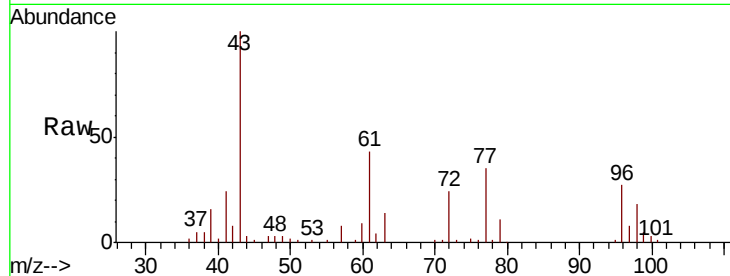




#25
2-Butanone
Concen: 109.455 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

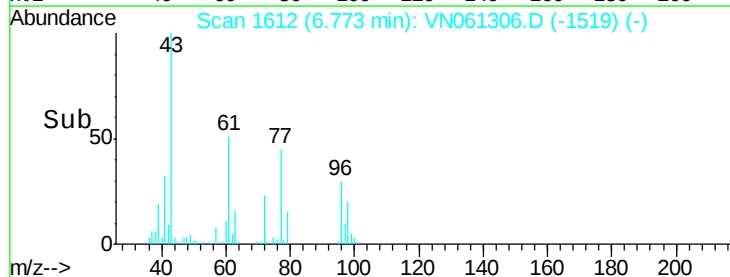
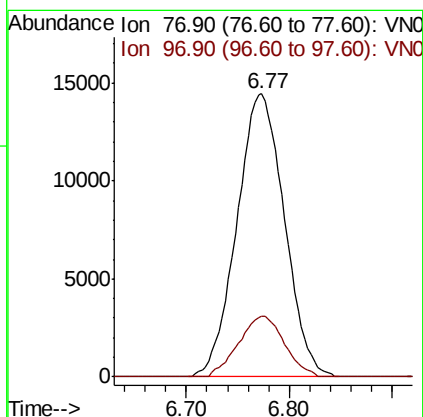
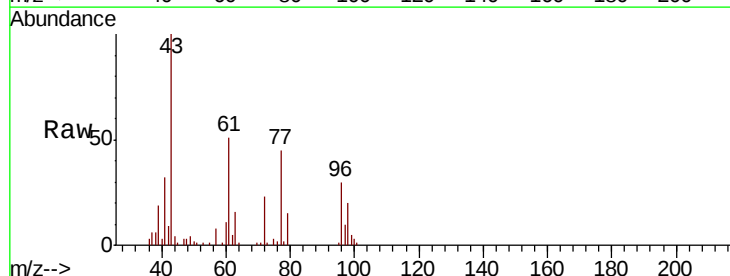
Instrument :
MSVOA_N
ClientSampled :

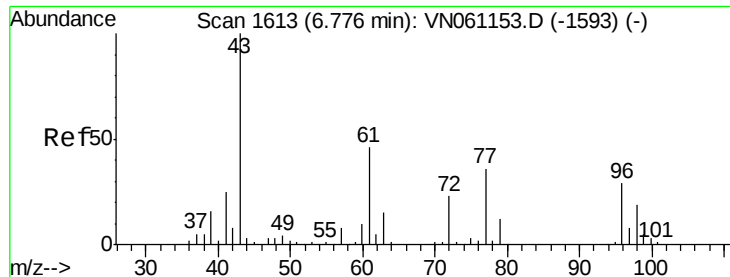
Tot Ion: 43 Resp: 105003
Ion Ratio Lower Upper
43 100
72 24.0 18.2 27.4



#26
2,2-Dichloropropane
Concen: 22.612 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 77 Resp: 46254
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 21.164 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

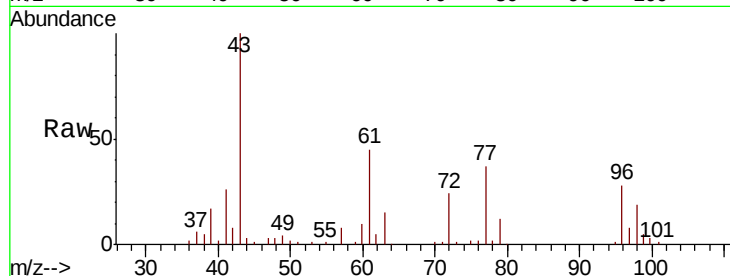
Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 29236

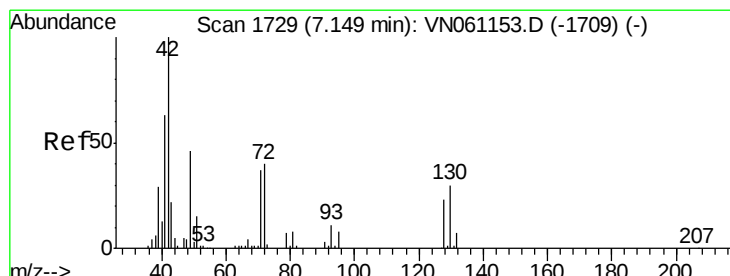
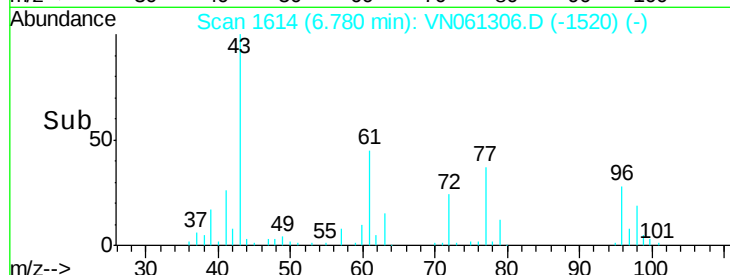
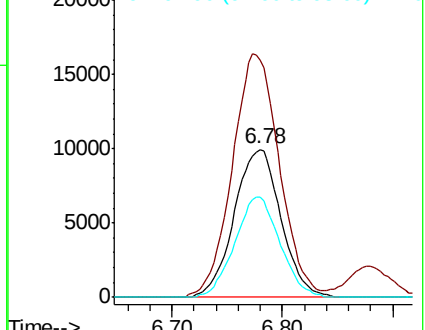
Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	322.0
98	65.3	0.0	129.6



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: 25.349 ug/l

RT: 7.15 min Scan# 1728

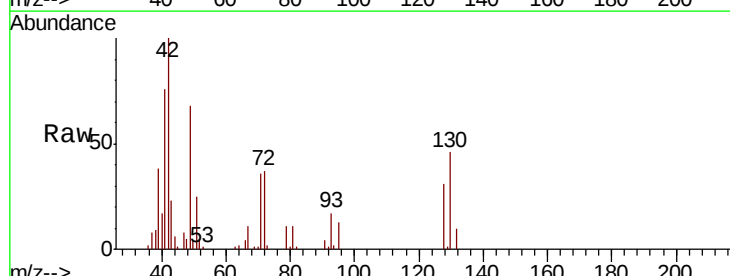
Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Tgt Ion: 49 Resp: 29179

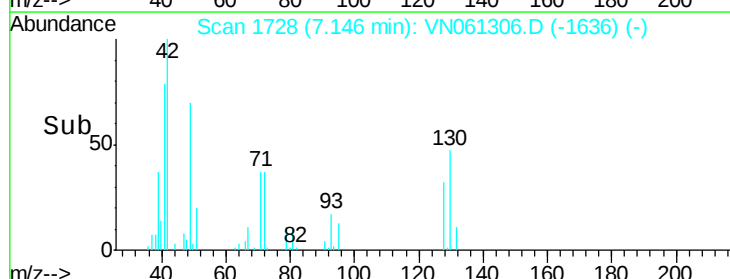
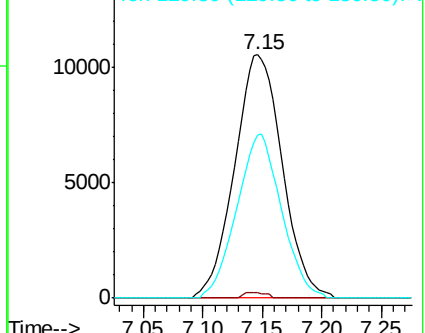
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.0
130	63.1	51.4	77.2



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

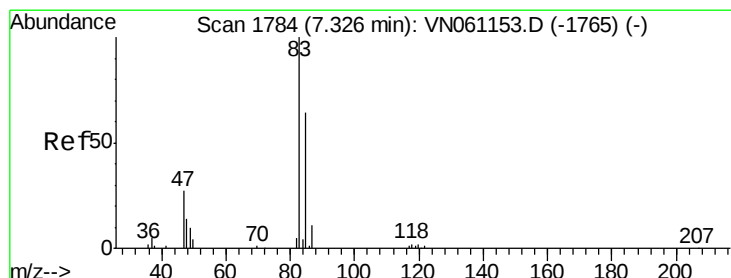
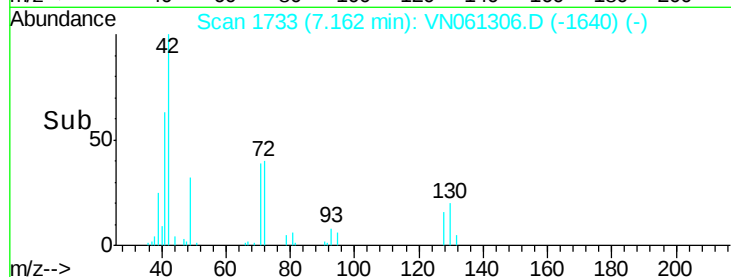
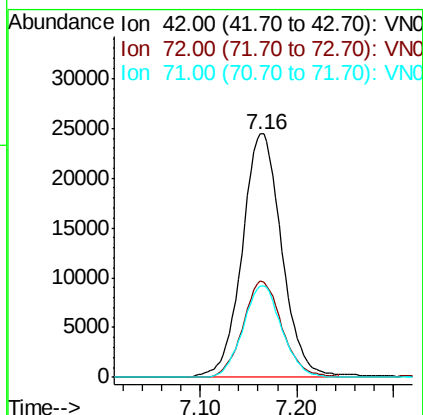
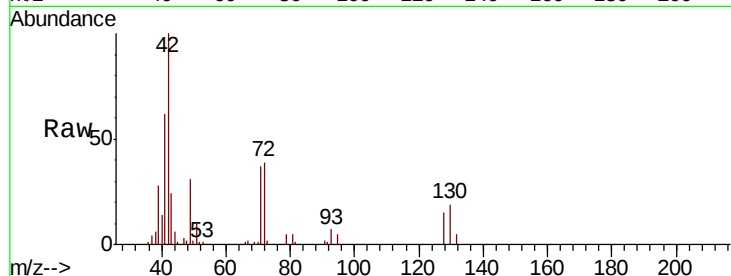




#29
Tetrahydrofuran
Concen: 107.604 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

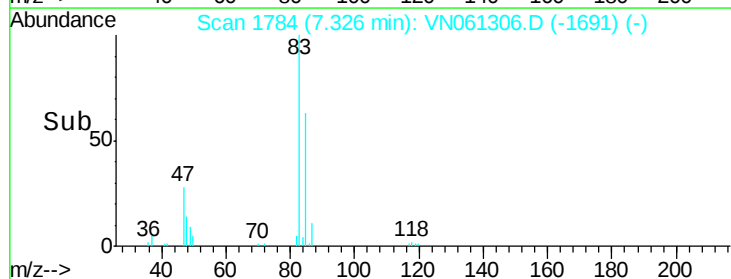
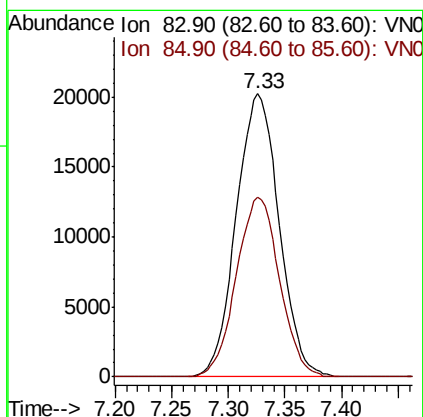
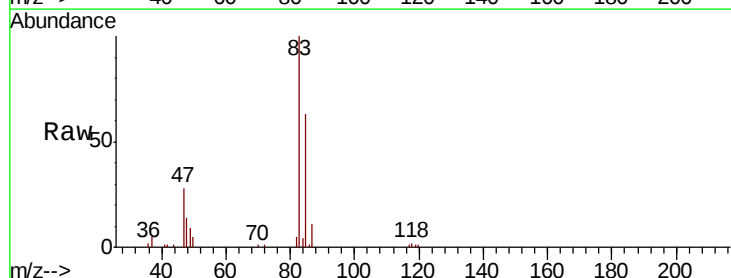
Instrument :
MSVOA_N
ClientSampleId :

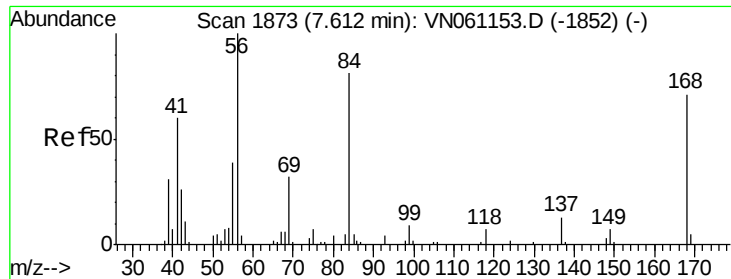
Tot Ion: 42 Resp: 69536
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.0
71 36.7 29.5 44.3



#30
Chloroform
Concen: 21.718 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 83 Resp: 53450
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7

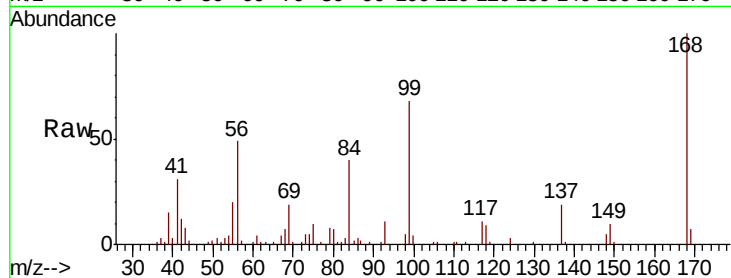




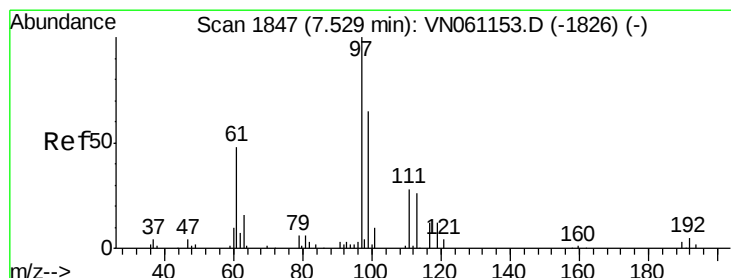
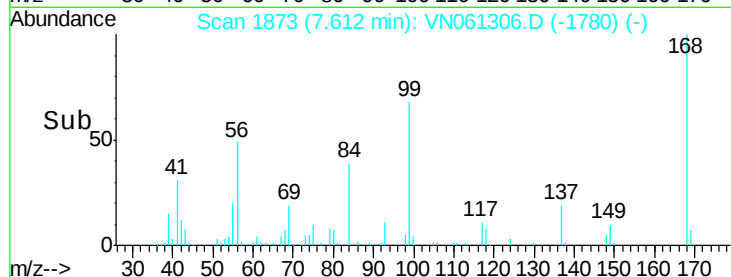
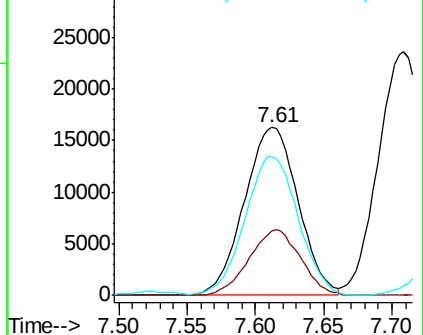
#31
Cyclohexane
Concen: 18.887 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 44544
Ion Ratio Lower Upper
56 100
69 38.1 25.7 38.5
84 82.8 64.6 97.0

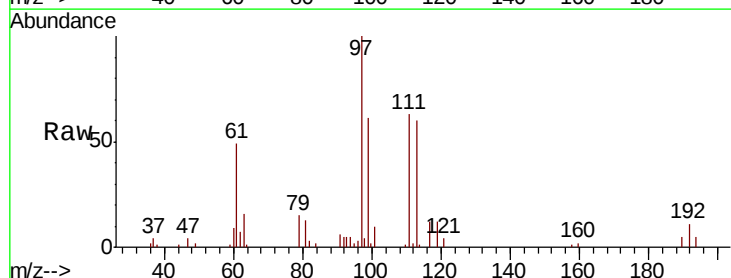


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

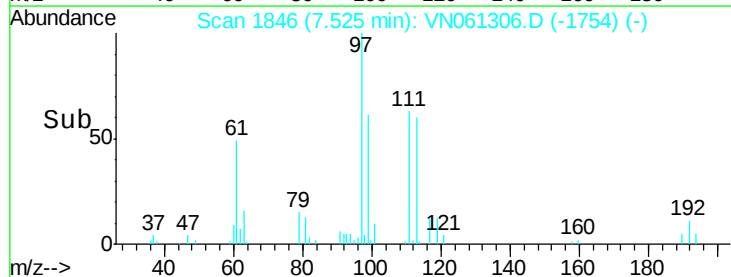
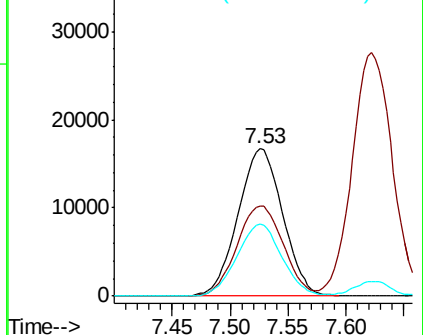


#32
1,1,1-Trichloroethane
Concen: 20.933 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 97 Resp: 44860
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 49.1 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

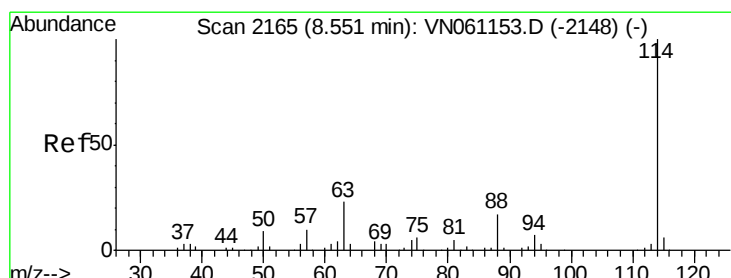
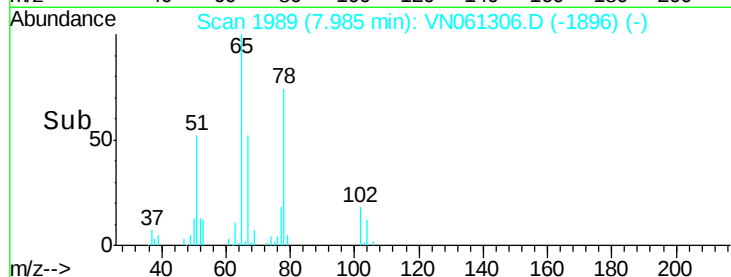
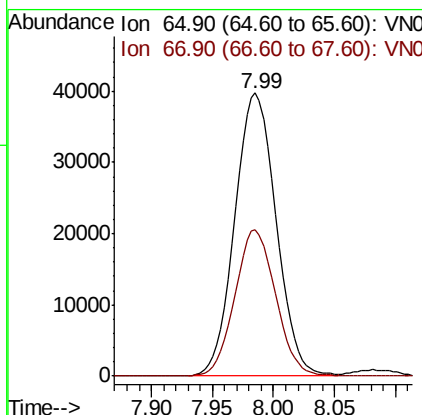
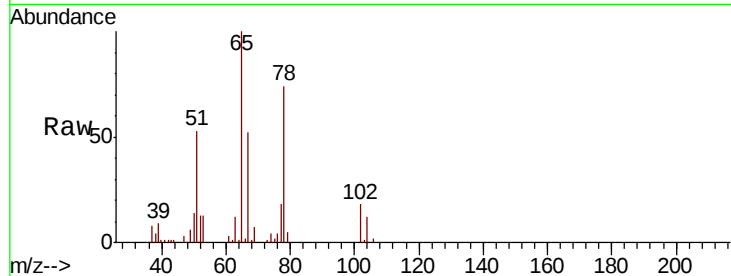




#33
 1,2-Dichloroethane-d4
 Concen: 57.608 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

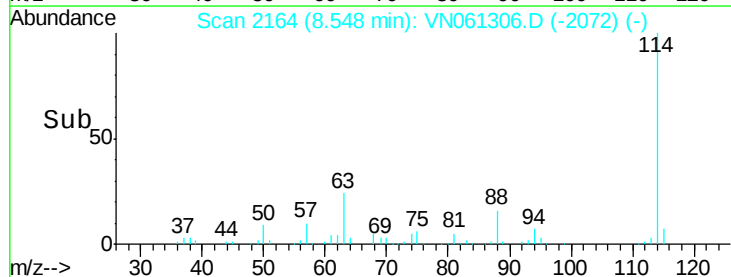
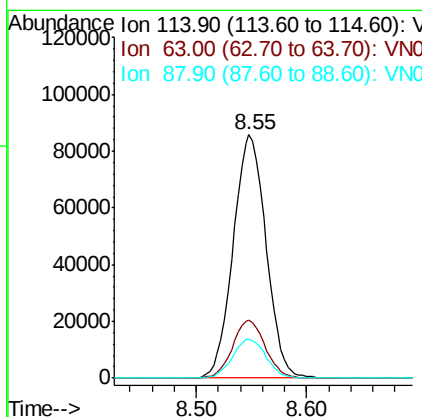
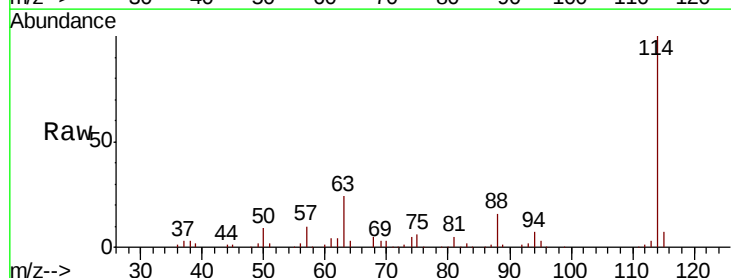
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 93395
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 114 Resp: 177132
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.1 0.0 33.4

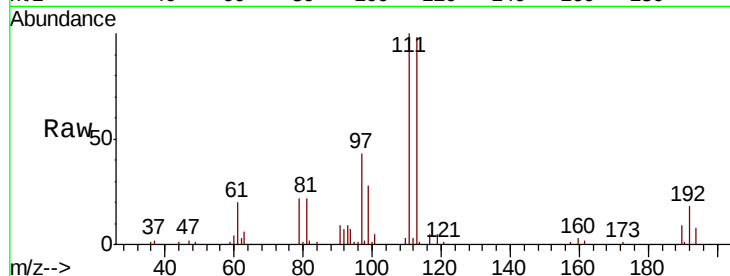




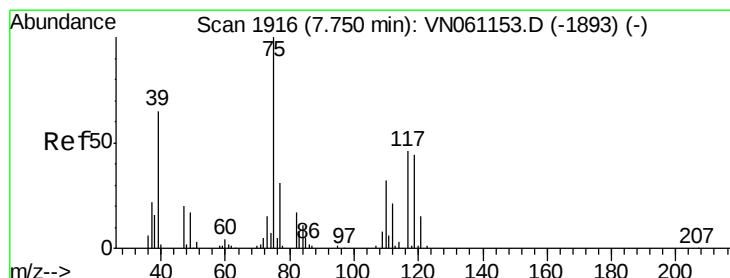
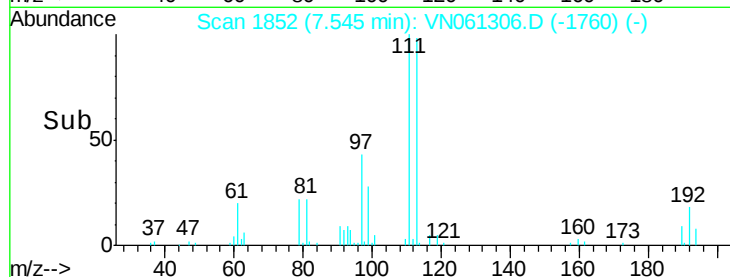
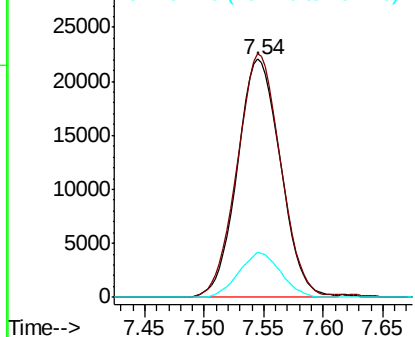
#35
 Dibromofluoromethane
 Concen: 53.124 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 55643
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 18.1 14.7 22.1

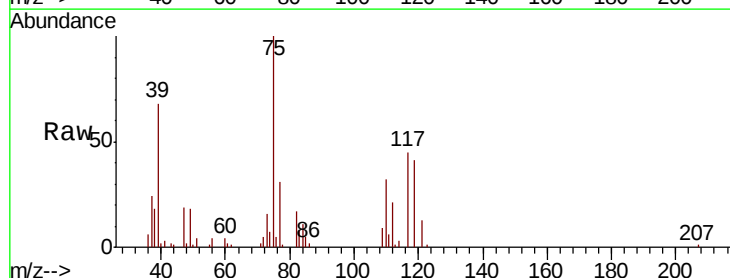


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

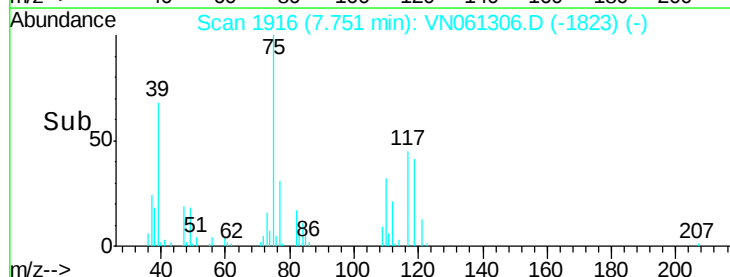
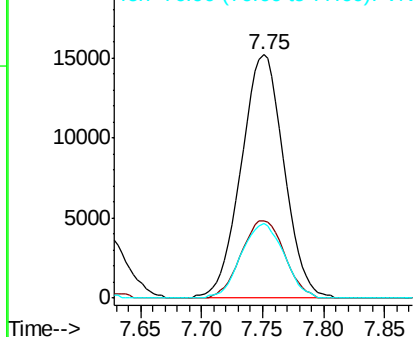


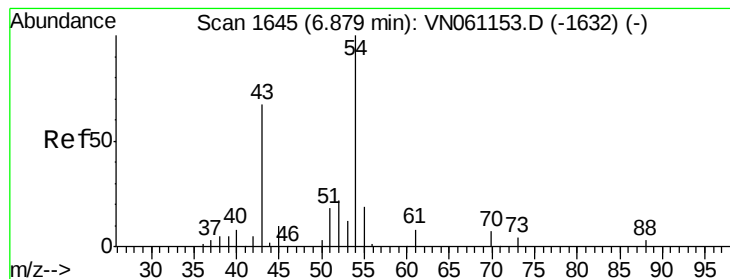
#36
 1,1-Dichloropropene
 Concen: 20.811 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 75 Resp: 36902
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.0 48.0
 77 30.8 24.6 37.0



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





#37

Ethyl Acetate

Concen: 21.800 ug/l

RT: 6.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampleId :

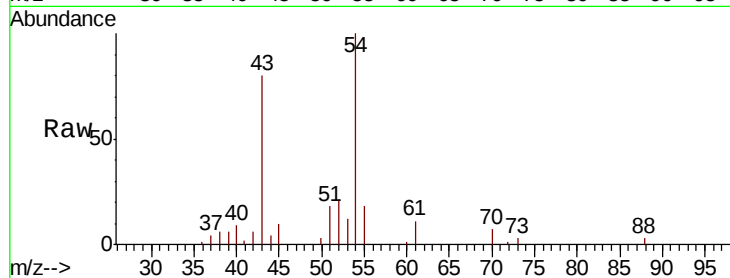
Tot Ion: 43 Resp: 45316

Ion Ratio Lower Upper

43 100

61 12.9 10.2 15.2

70 8.9 7.2 10.8

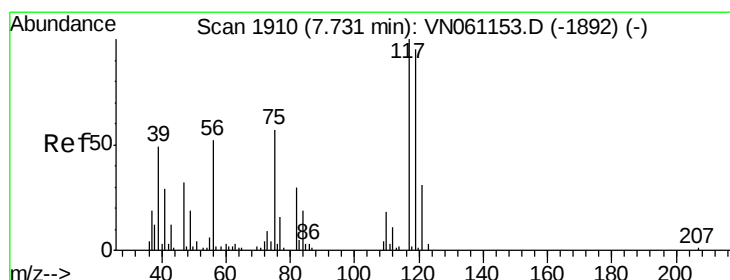
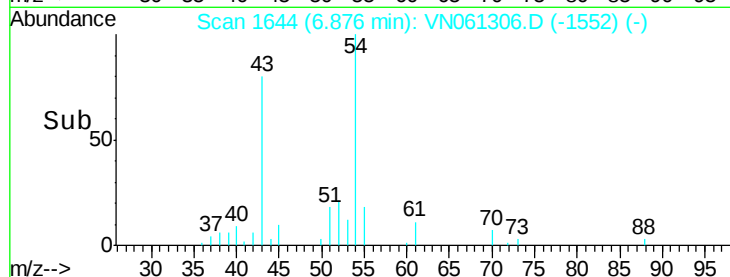
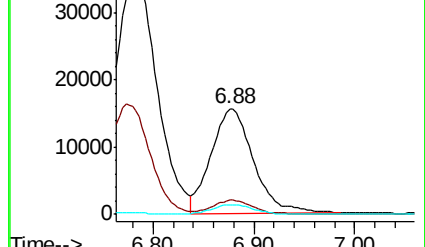


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 21.585 ug/l

RT: 7.73 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

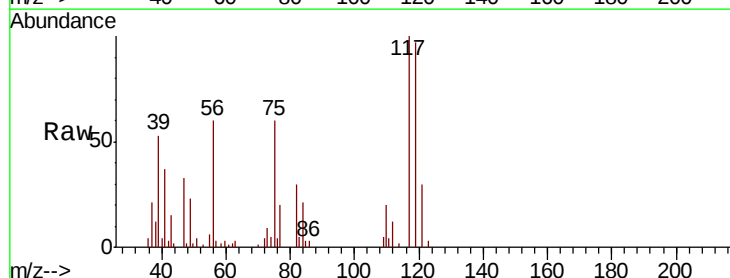
Tgt Ion: 117 Resp: 32717

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.6

121 30.0 24.7 37.1

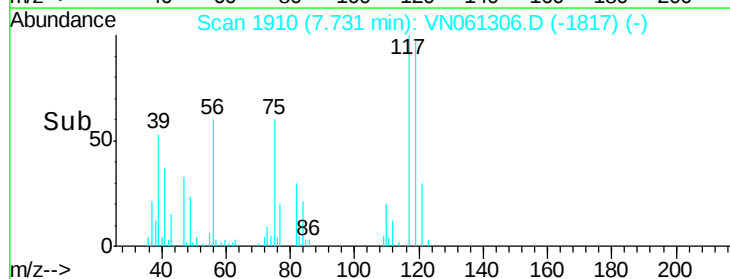
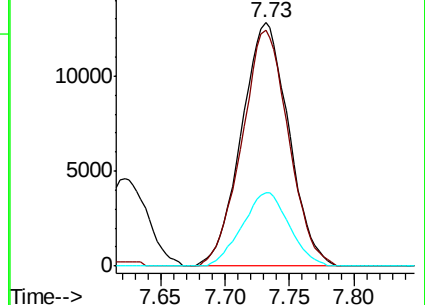


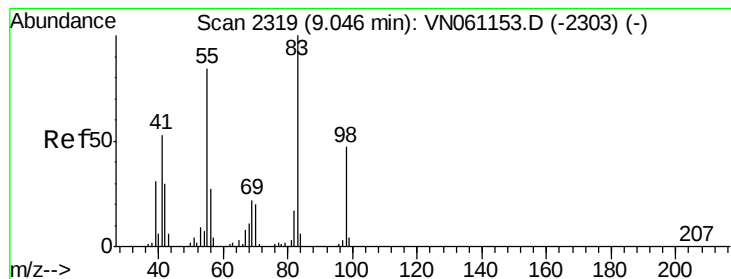
Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)

Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)

Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)

Time-->

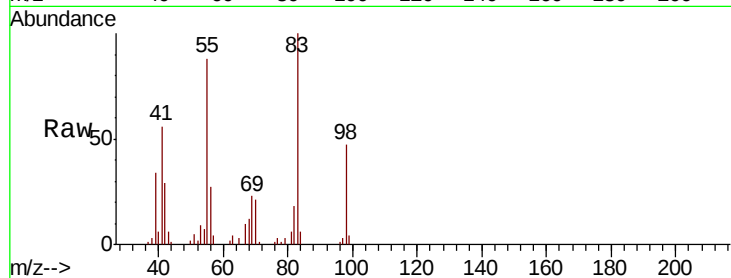




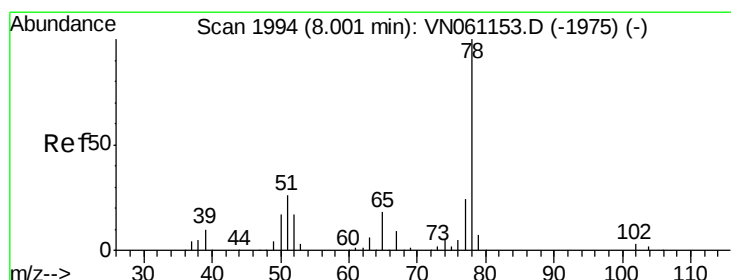
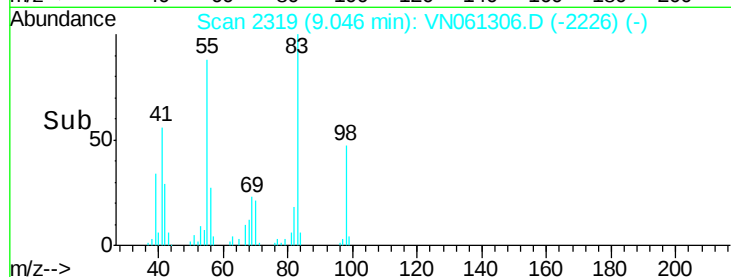
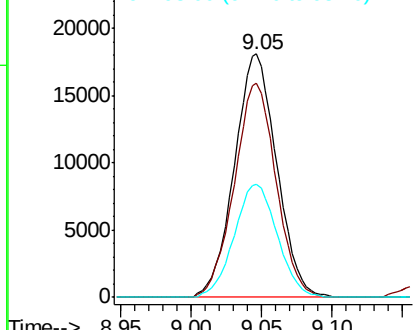
#39
Methvlcvclohexane
Concen: 19.077 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 37936
Ion Ratio Lower Upper
83 100
55 87.7 67.3 100.9
98 46.6 37.7 56.5

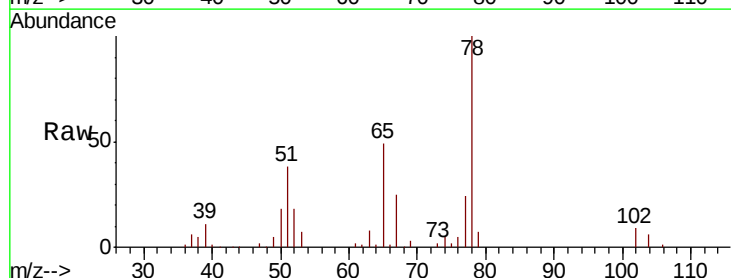


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

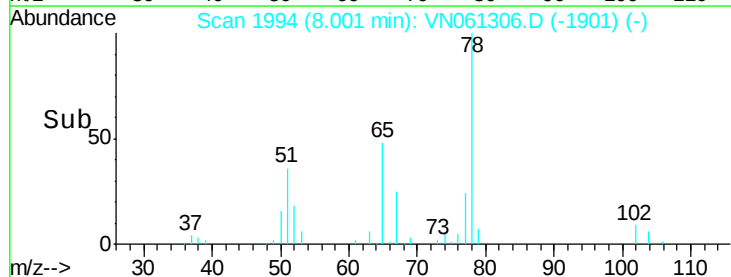
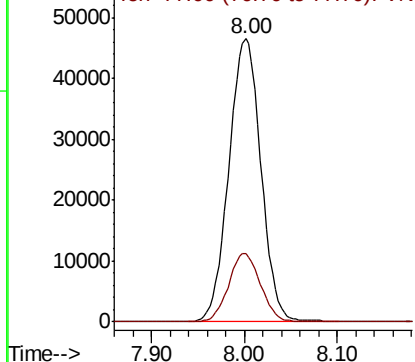


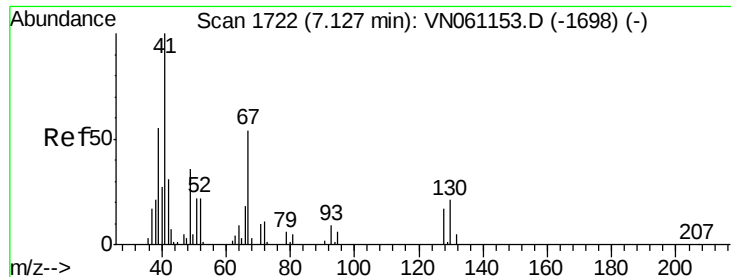
#40
Benzene
Concen: 21.182 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 78 Resp: 111896
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



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

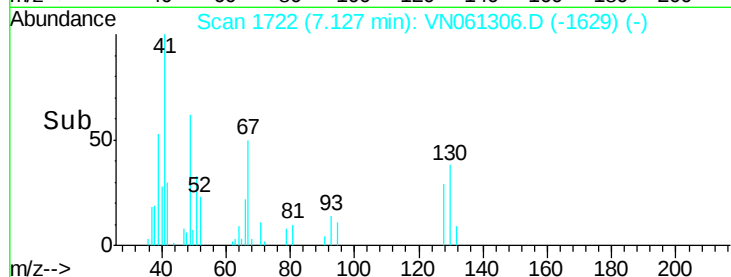
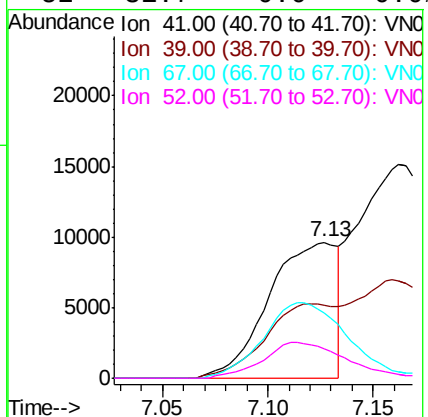
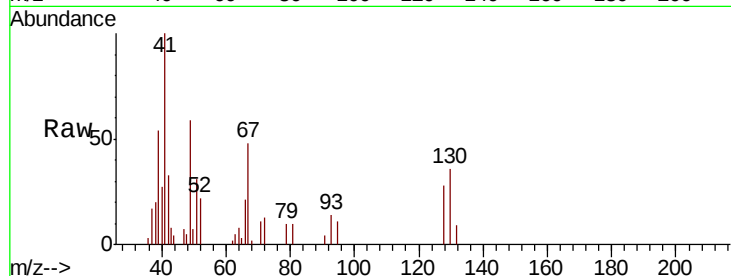




#41
Methacrylonitrile
Concen: 25.165 ug/l
RT: 7.13 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

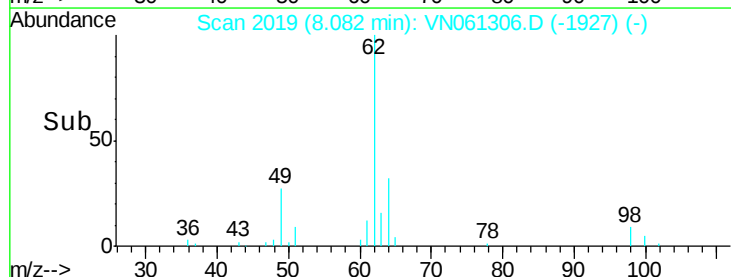
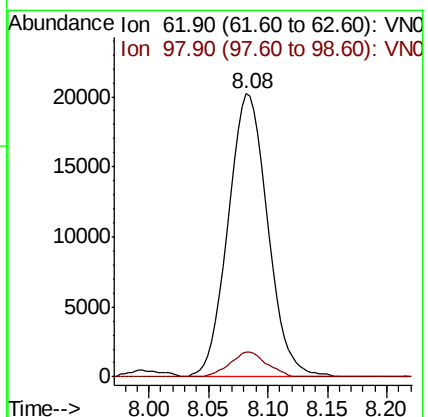
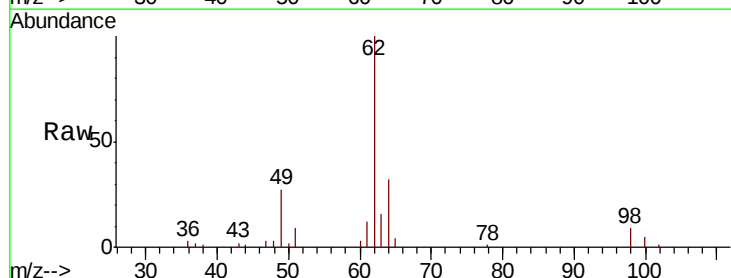
Instrument :
MSVOA_N
ClientSampled :

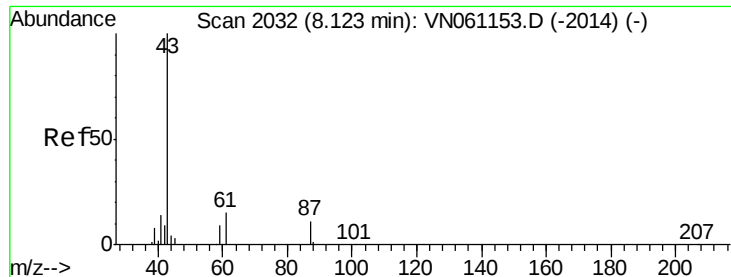
Tot Ion:	41	Resp:	21720
Ion	Ratio	Lower	Upper
41	100		
39	56.5	0.0	0.0#
67	69.0	0.0	0.0#
52	31.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 23.308 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion:	62	Resp:	46646
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 21.876 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

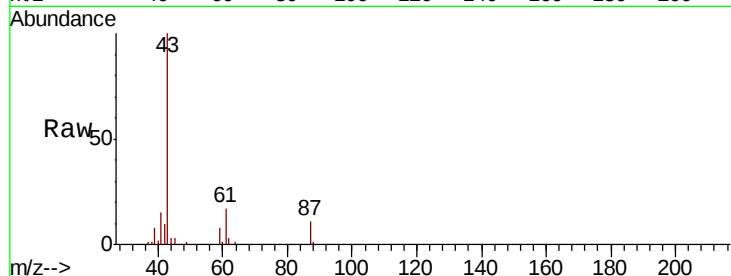
Tot Ion: 43 Resp: 75469

Ion Ratio Lower Upper

43 100

61 18.4 19.5 29.3#

87 11.0 8.9 13.3

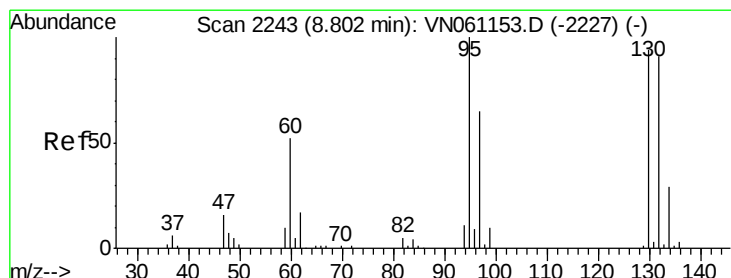
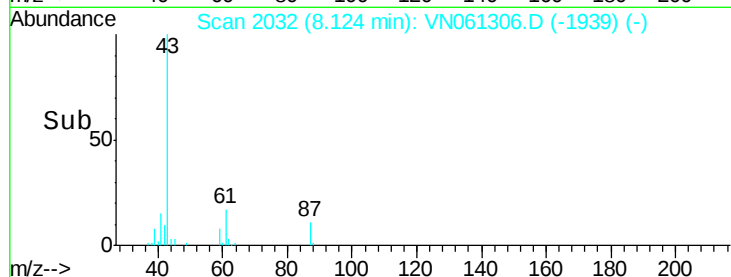


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

Time--> 8.00 8.10 8.20



#44

Trichloroethene

Concen: 19.254 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061306.D

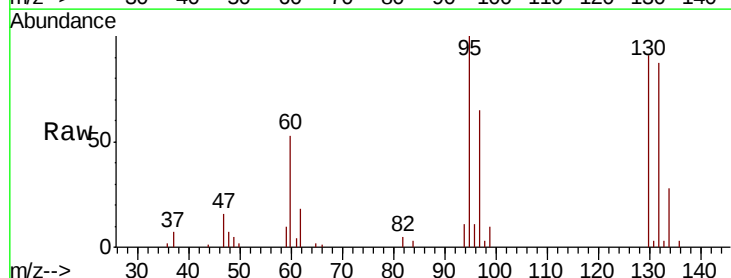
Acq: 6 May 2020 13:54

Tgt Ion:130 Resp: 27496

Ion Ratio Lower Upper

130 100

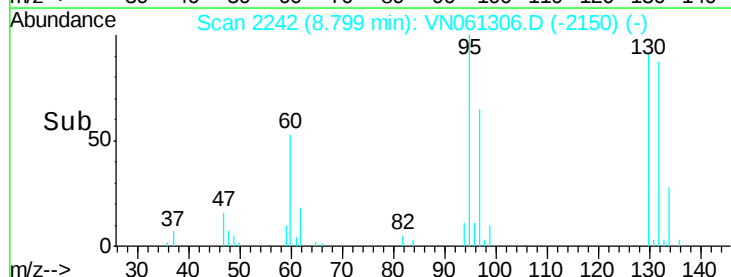
95 109.5 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)

Time--> 8.75 8.80 8.85





#45

1,2-Dichloropropane

Concen: 22.244 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

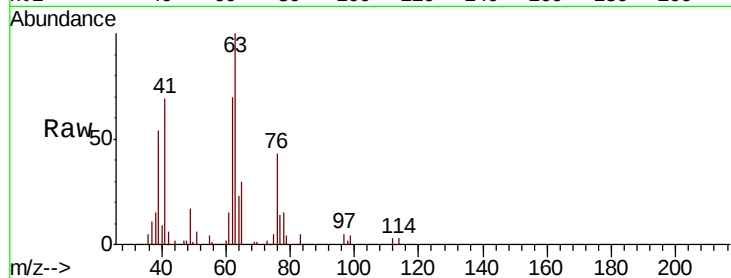
ClientSampleId :

Tot Ion: 63 Resp: 31393

Ion Ratio Lower Upper

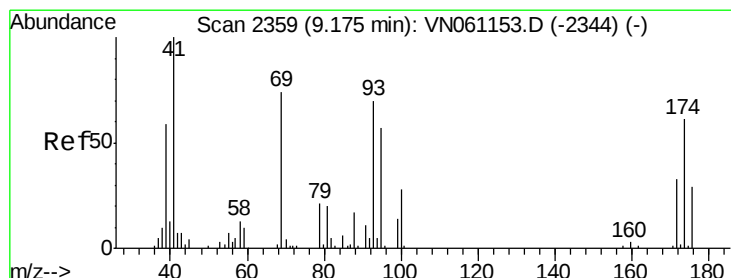
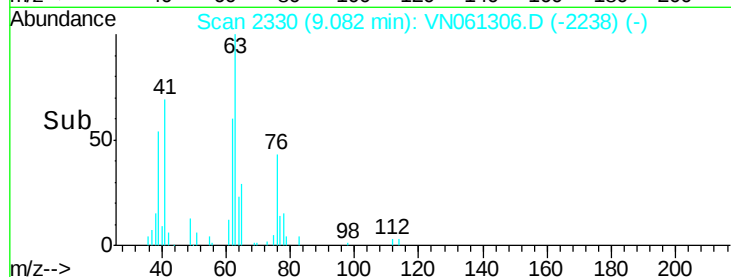
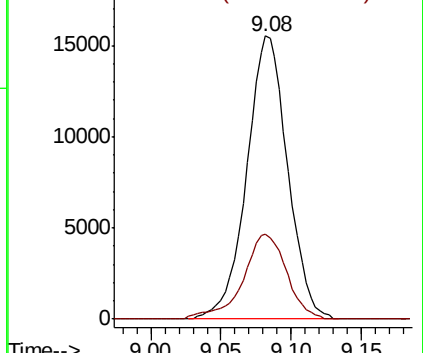
63 100

65 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 22.955 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

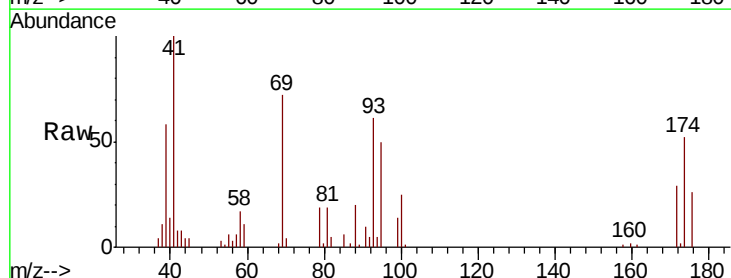
Tgt Ion: 93 Resp: 20059

Ion Ratio Lower Upper

93 100

95 80.2 66.6 99.8

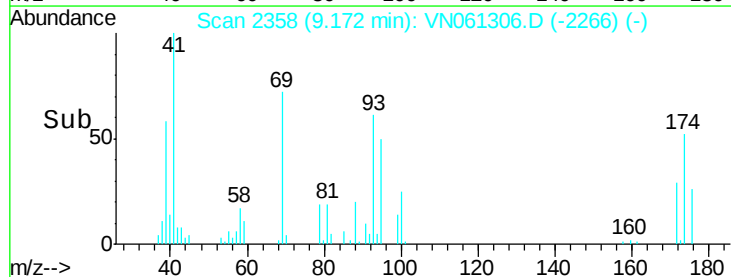
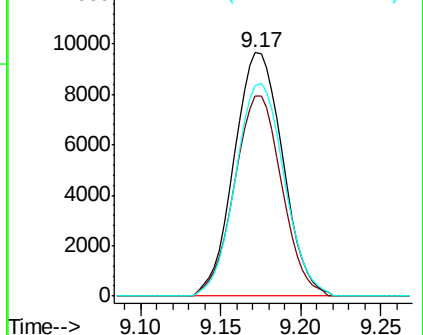
174 87.5 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

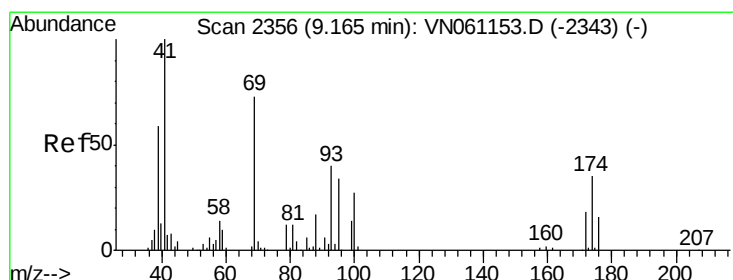
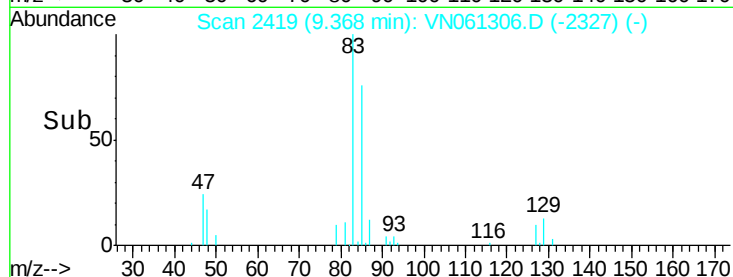
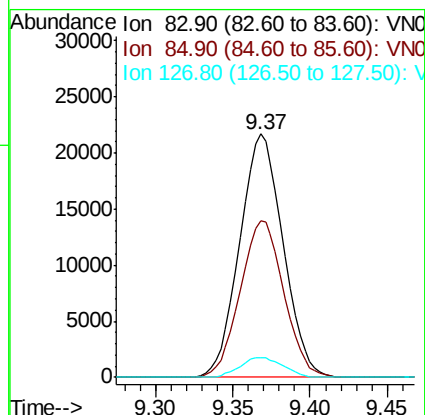
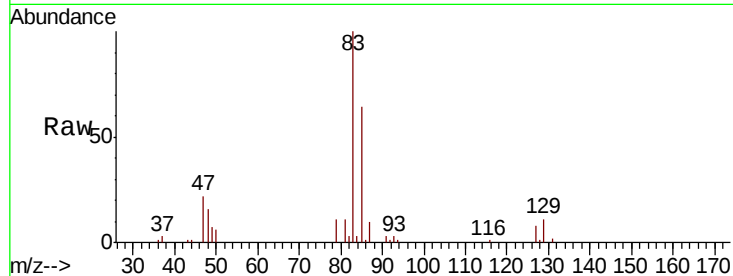




#47
Bromodichloromethane
Concen: 22.544 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

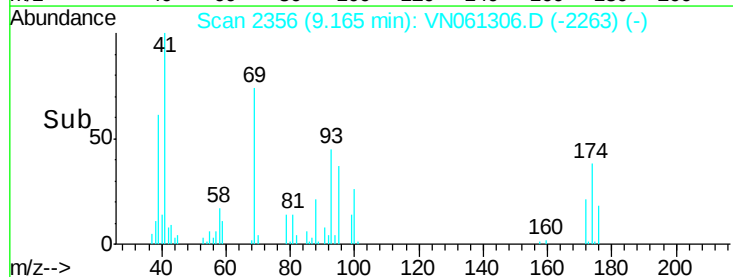
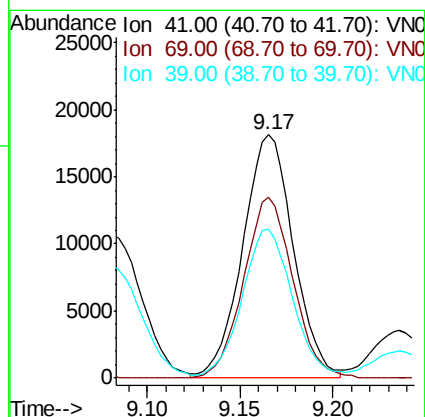
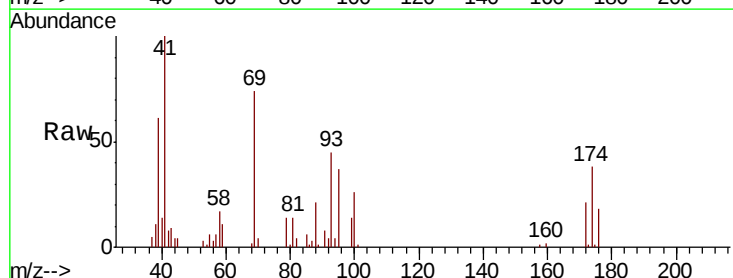
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 42284
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6
127 8.3 6.2 9.2



#48
Methyl methacrylate
Concen: 22.293 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 41 Resp: 34706
Ion Ratio Lower Upper
41 100
69 72.1 60.3 90.5
39 61.2 47.4 71.0

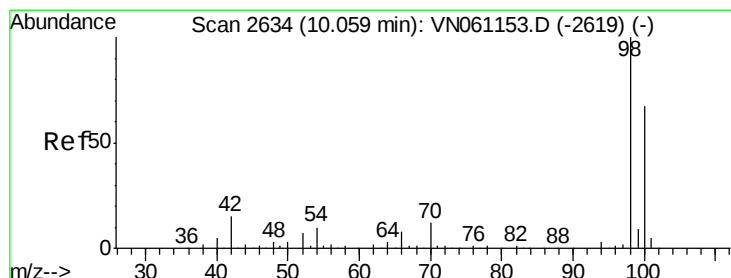
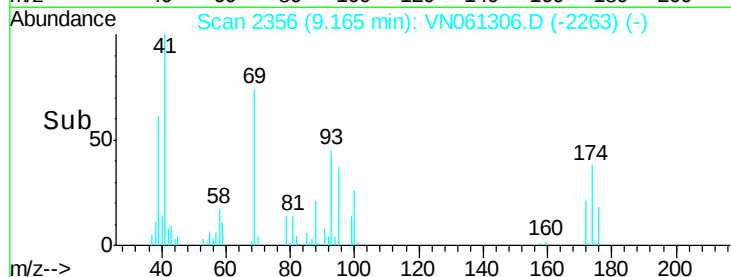
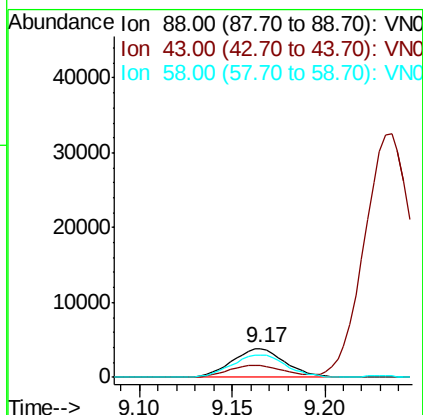
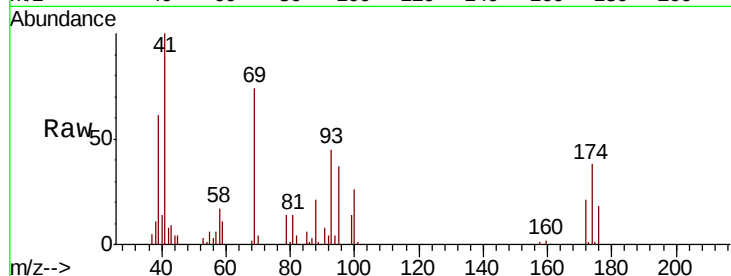




#49
1,4-Dioxane
Concen: 428.885 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

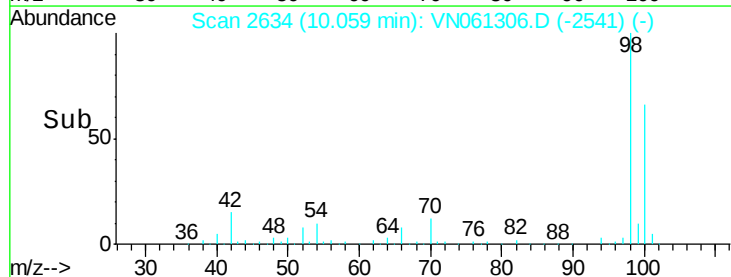
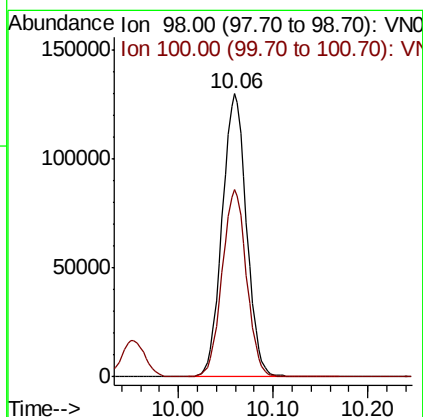
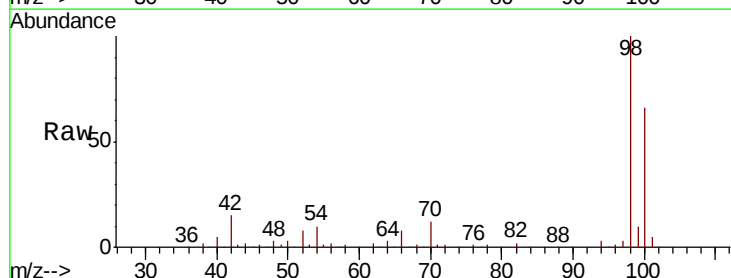
Instrument :
MSVOA_N
ClientSampleId :

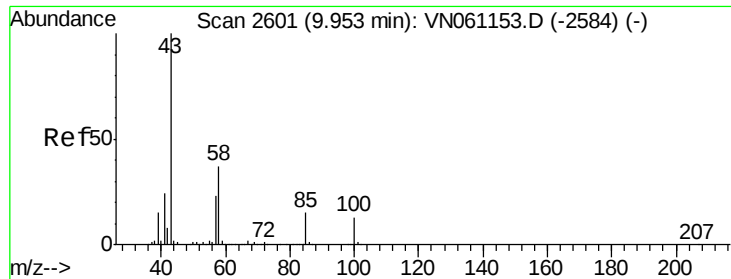
Tot Ion: 88 Resp: 7579
Ion Ratio Lower Upper
88 100
43 43.4 35.3 52.9
58 80.1 61.5 92.3



#50
Toluene-d8
Concen: 54.603 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 98 Resp: 233147
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

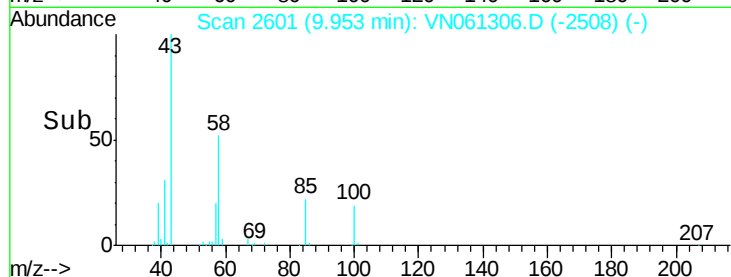
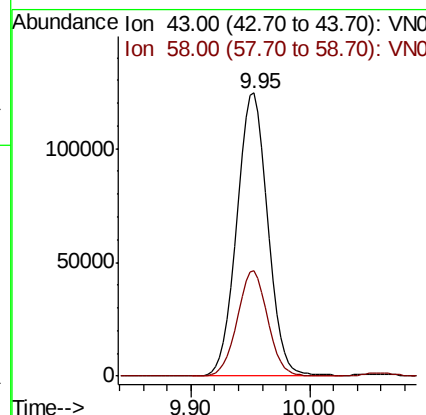
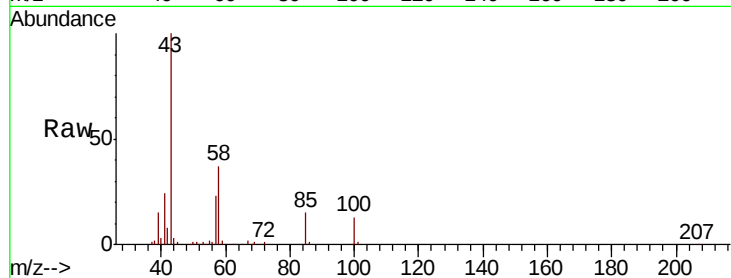




#51
4-Methyl-2-Pentanone
Concen: 110.777 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

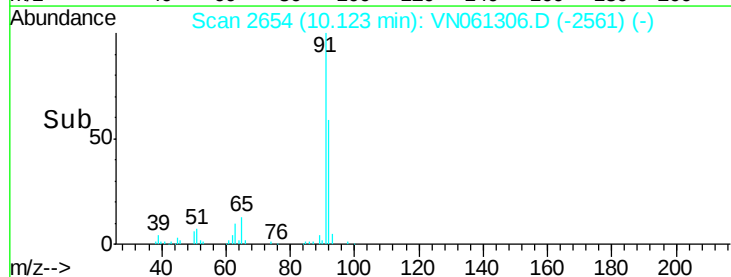
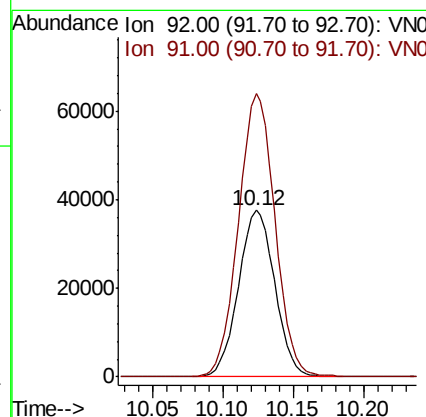
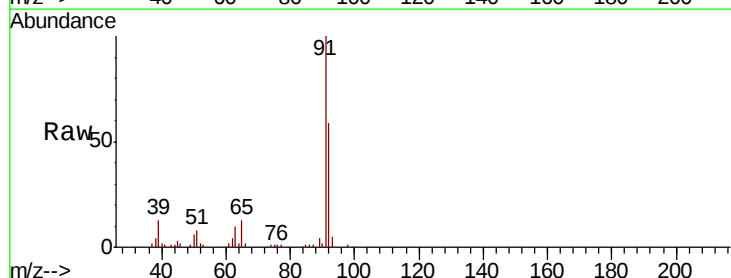
Instrument :
MSVOA_N
ClientSampled :

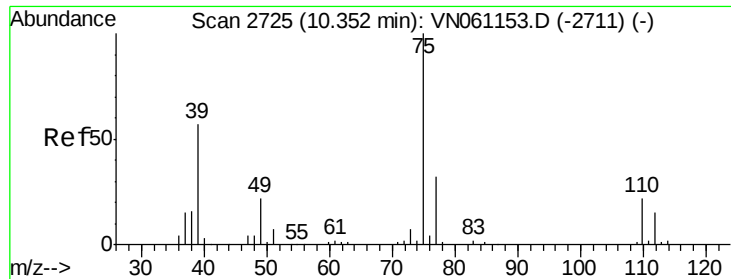
Tot Ion: 43 Resp: 224953
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7



#52
Toluene
Concen: 21.403 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 92 Resp: 68104
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 22.241 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

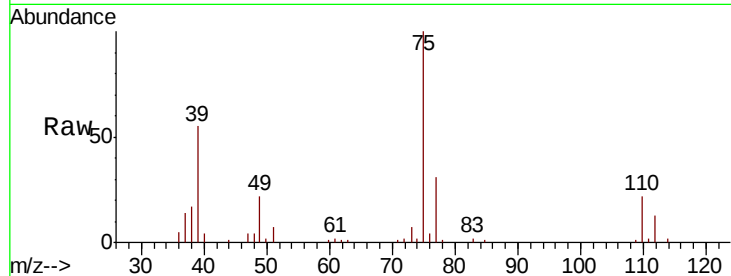
ClientSampled :

Tot Ion: 75 Resp: 47005

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-2711) (-)

Ion 76.90 (76.60 to 77.60): VN061153.D (-2711) (-)

10.35

25000

20000

15000

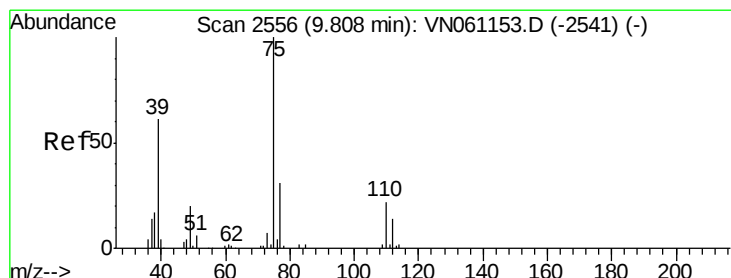
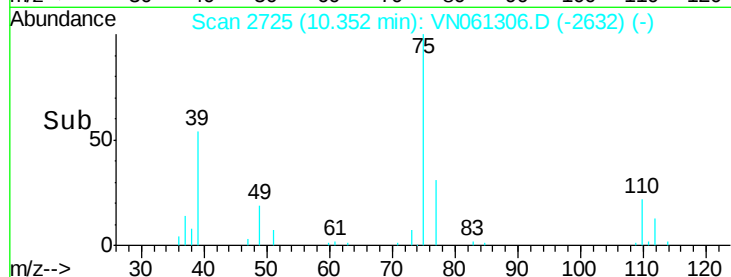
10000

5000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 22.081 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

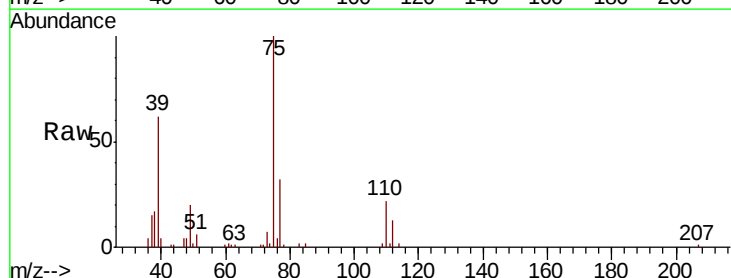
Tgt Ion: 75 Resp: 49336

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 61.6 48.7 73.1



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-2541) (-)

Ion 76.90 (76.60 to 77.60): VN061153.D (-2541) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2541) (-)

9.81

30000

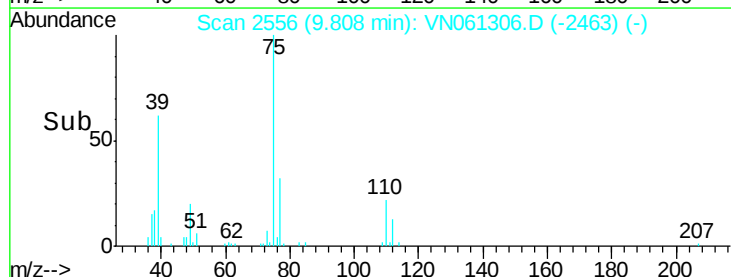
20000

10000

0

Time-->

9.75 9.80 9.85

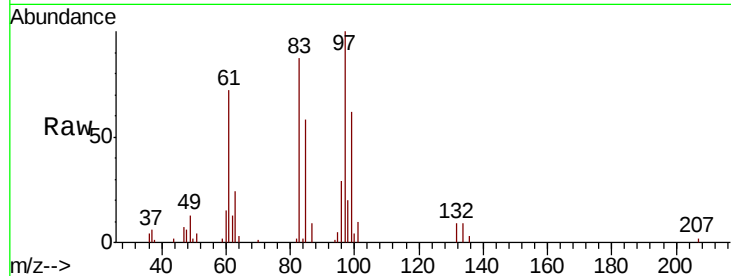




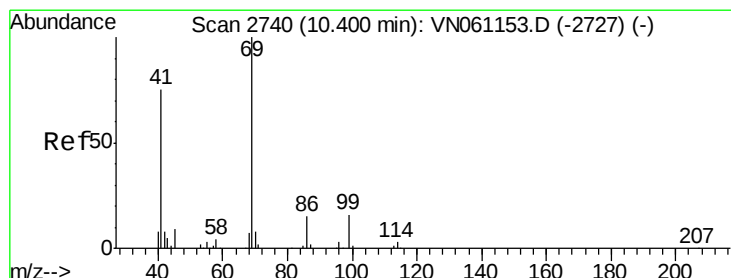
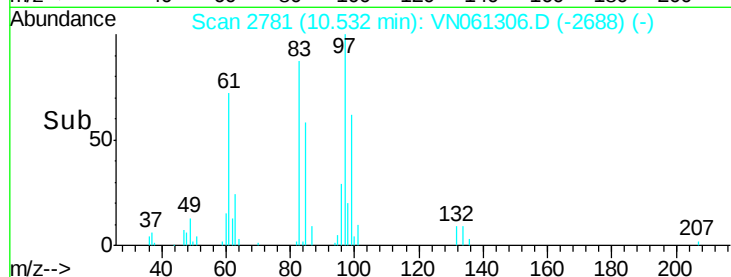
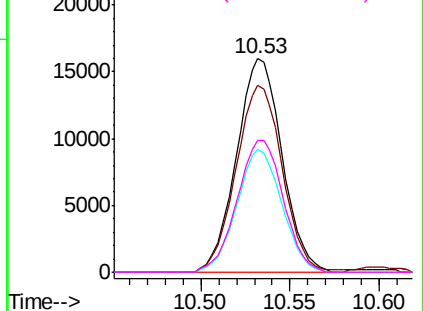
#55
 1,1,2-Trichloroethane
 Concen: 22.358 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	28377
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.6	106.0
85	57.5	46.4	69.6
99	61.5	50.6	75.8

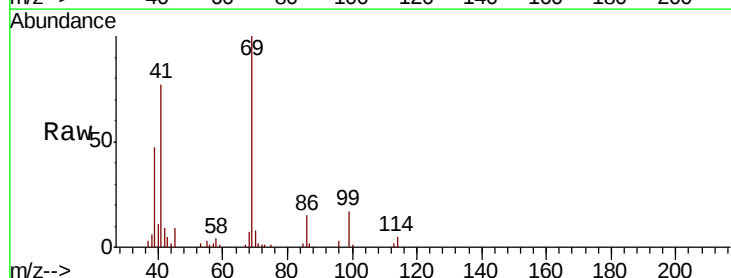


Abundance Ion 96.90 (96.60 to 97.60): VN061306.D (-2688) (-)
 Ion 82.90 (82.60 to 83.60): VN061306.D (-2688) (-)
 Ion 84.90 (84.60 to 85.60): VN061306.D (-2688) (-)
 Ion 98.90 (98.60 to 99.60): VN061306.D (-2688) (-)

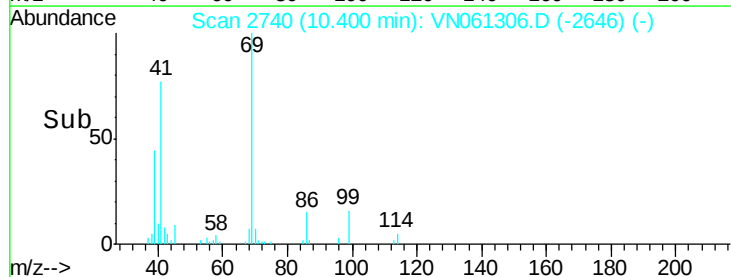
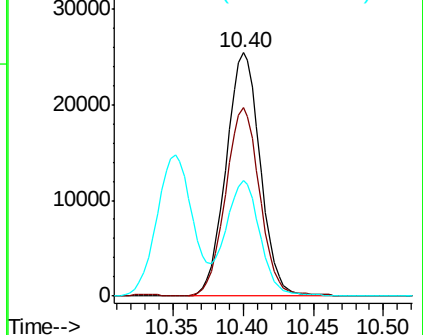


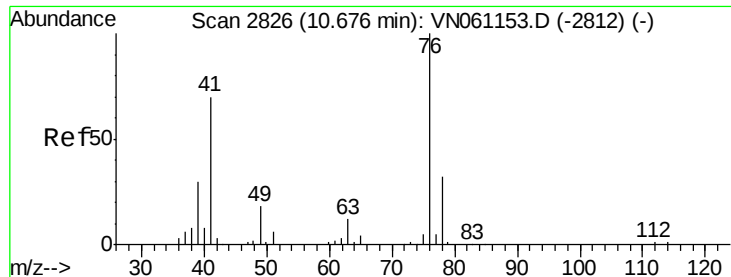
#56
 Ethyl methacrylate
 Concen: 21.172 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion:	69	Resp:	43147
Ion	Ratio	Lower	Upper
69	100		
41	77.7	60.3	90.5
39	47.4	35.9	53.9



Abundance Ion 69.00 (68.70 to 69.70): VN061306.D (-2646) (-)
 Ion 41.00 (40.70 to 41.70): VN061306.D (-2646) (-)
 Ion 39.00 (38.70 to 39.70): VN061306.D (-2646) (-)

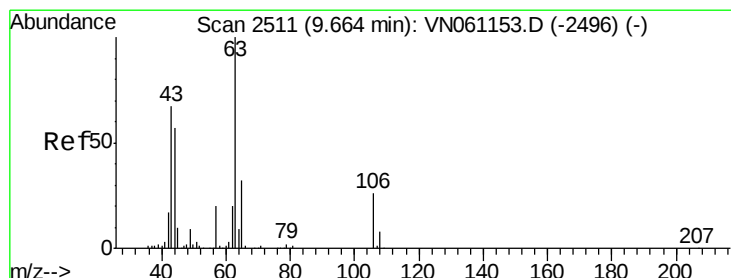
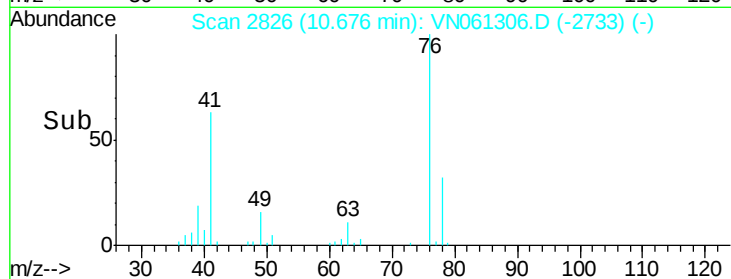
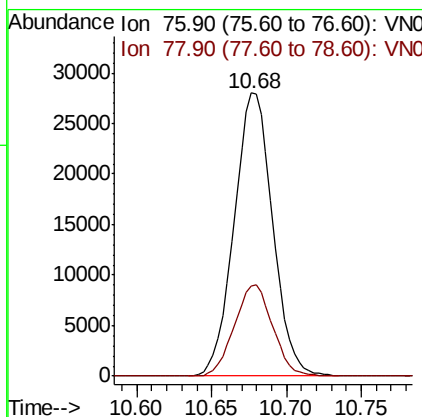
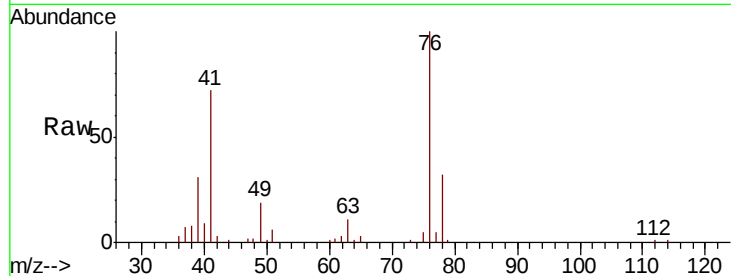




#57
 1,3-Dichloropropane
 Concen: 22.515 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

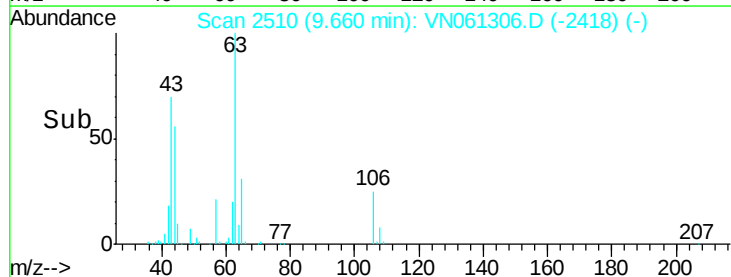
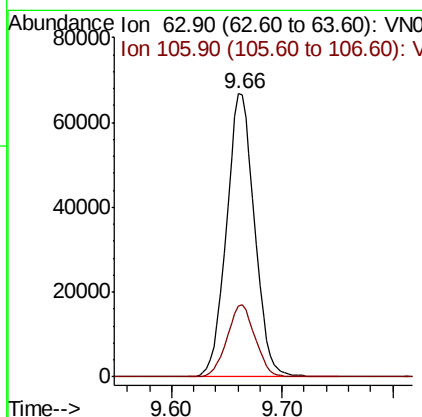
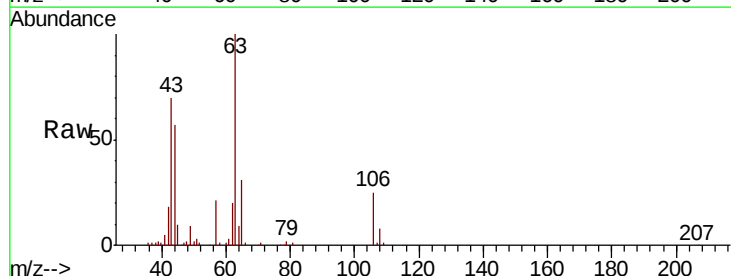
Instrument :
 MSVOA_N
 ClientSampled :

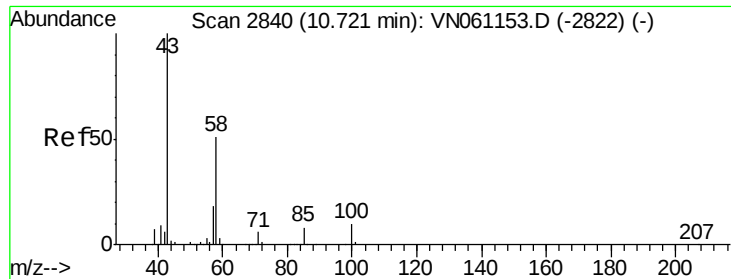
Tot Ion: 76 Resp: 50228
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.442 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 63 Resp: 117571
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 30.8

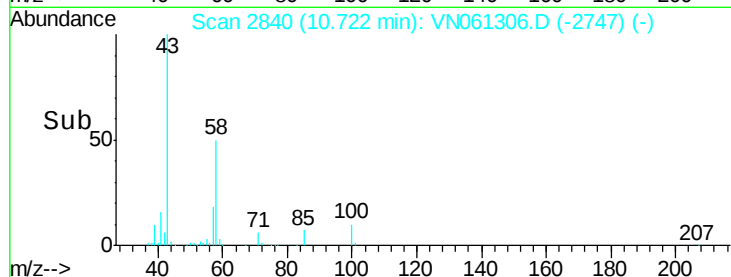
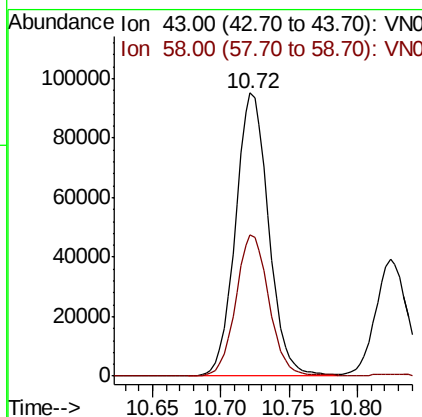
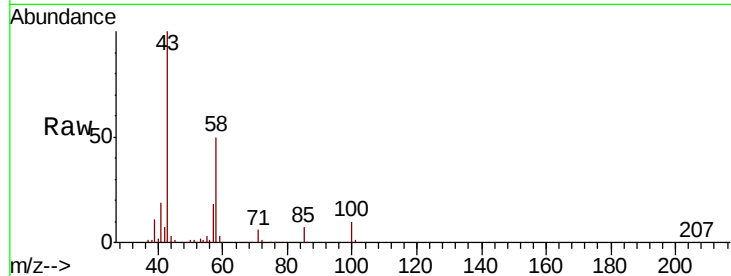




#59
2-Hexanone
Concen: 108.650 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

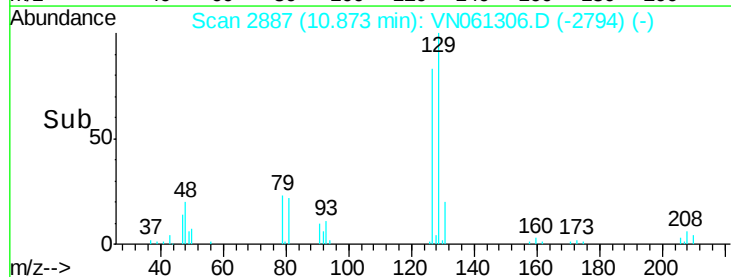
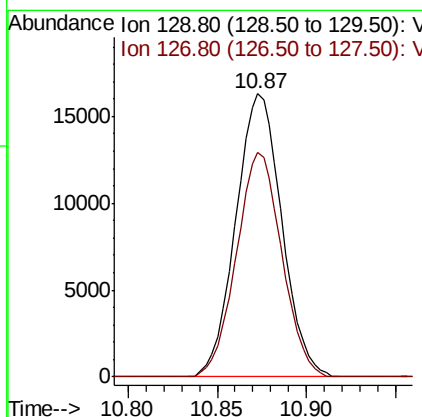
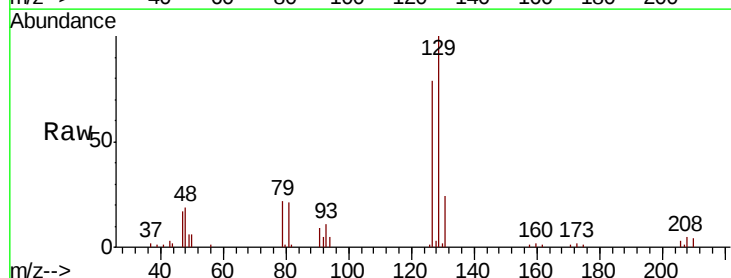
Instrument :
MSVOA_N
ClientSampled :

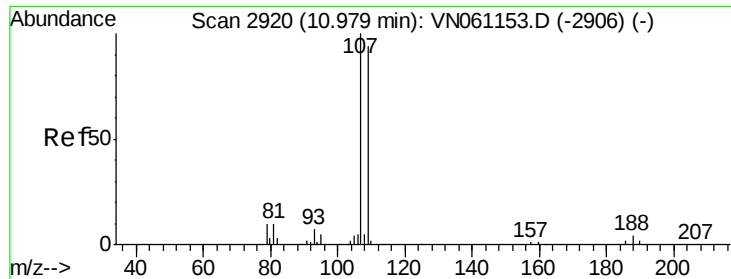
Tot Ion: 43 Resp: 160515
Ion Ratio Lower Upper
43 100
58 49.8 25.4 76.4



#60
Dibromochloromethane
Concen: 22.075 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 129 Resp: 29344
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8

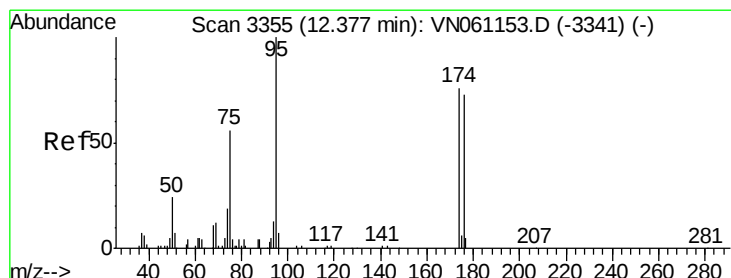
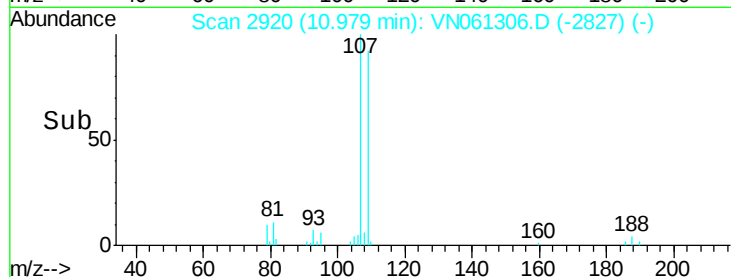
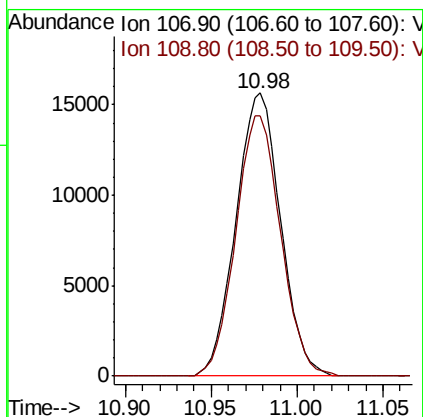
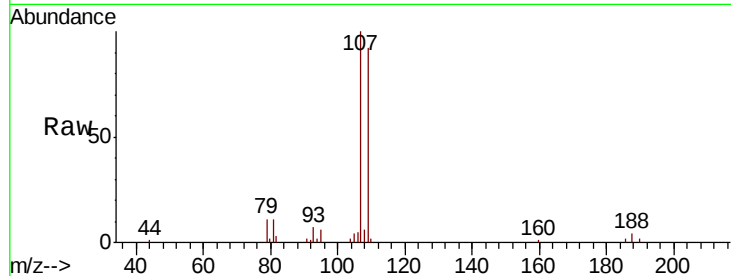




#61
 1,2-Dibromoethane
 Concen: 22.195 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

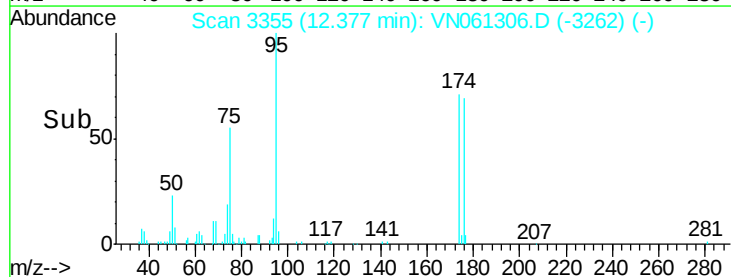
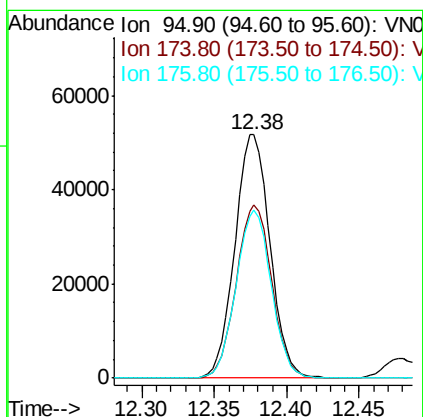
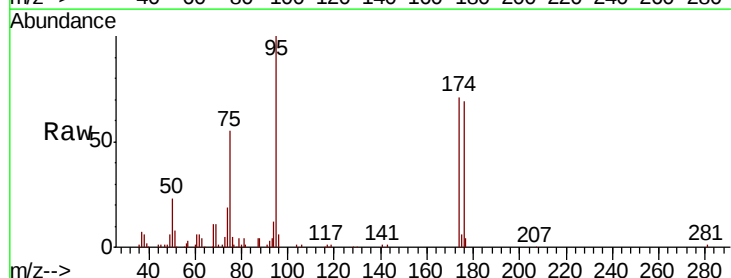
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 28234
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 54.172 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion: 95 Resp: 87044
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 149.4
 176 69.1 0.0 144.8

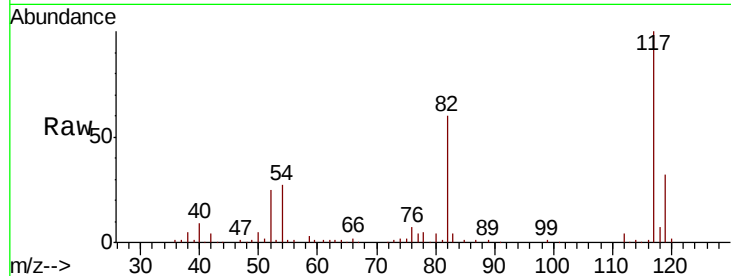




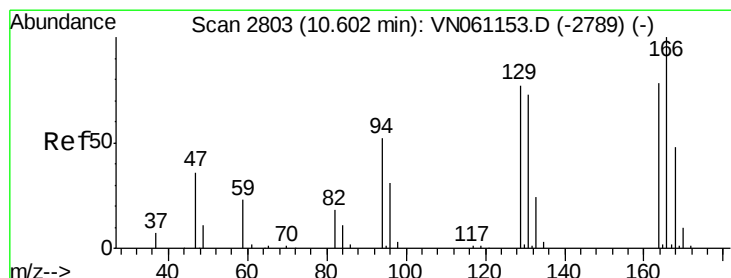
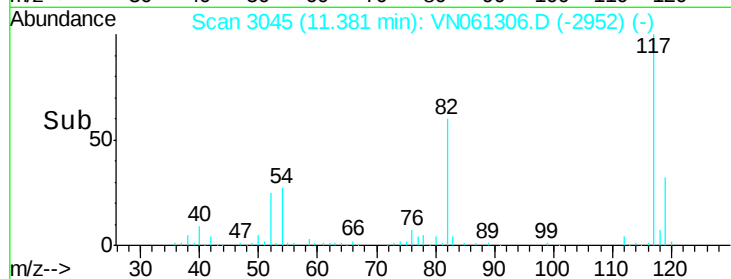
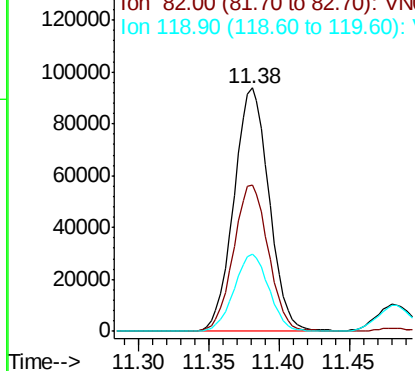
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 163920
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.6 25.8 38.6

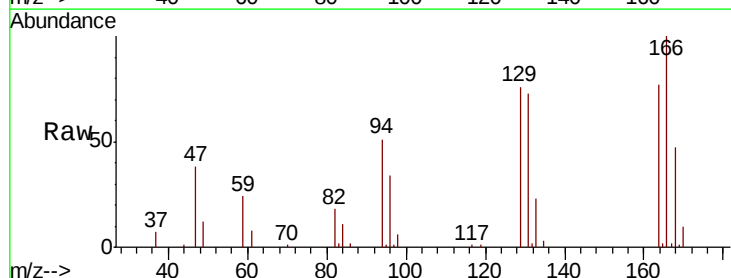


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

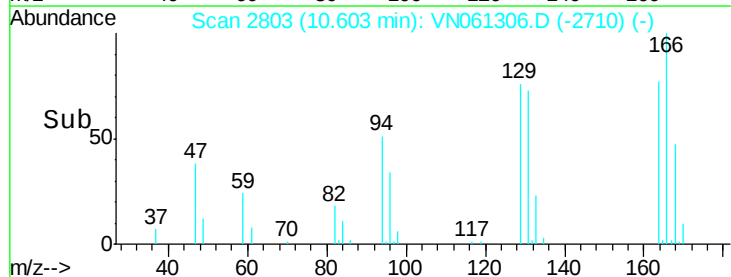
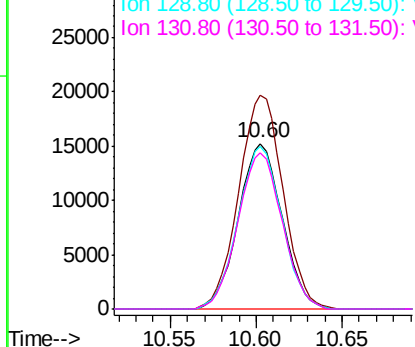


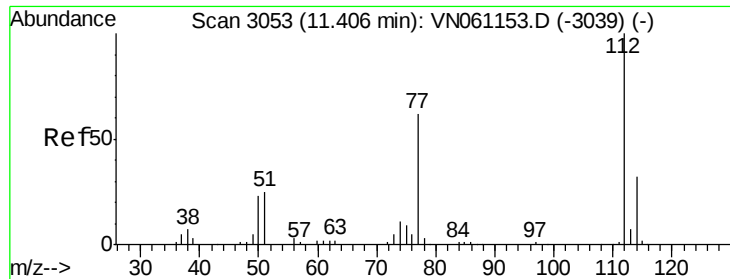
#64
Tetrachloroethene
Concen: 18.990 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion:164 Resp: 26960
Ion Ratio Lower Upper
164 100
166 129.2 102.0 153.0
129 98.6 78.2 117.2
131 94.9 74.5 111.7



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

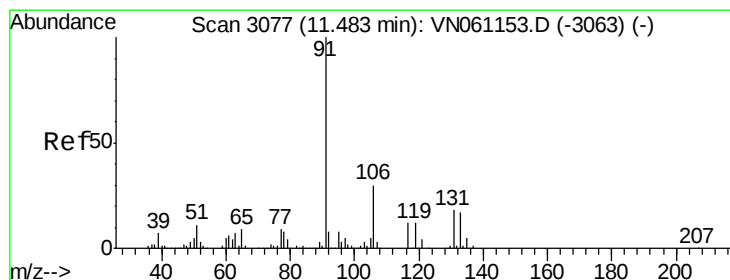
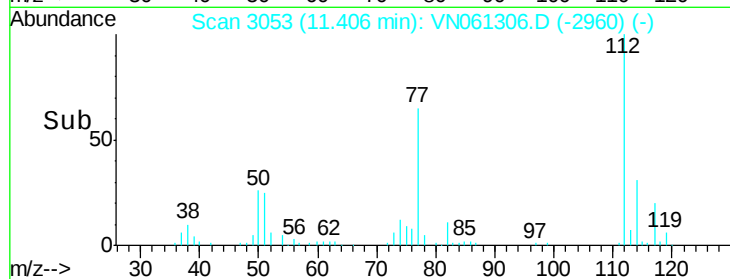
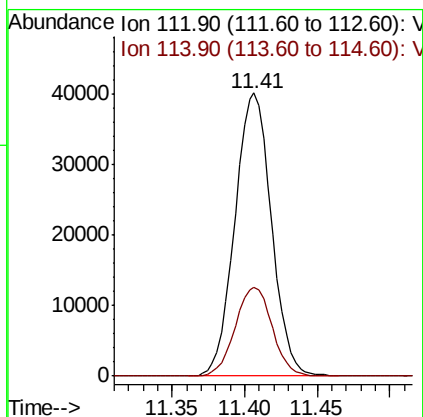
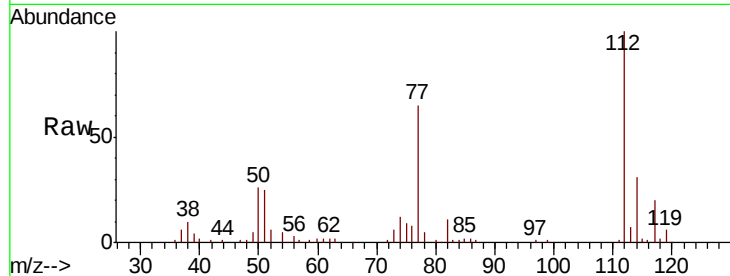




#65
Chlorobenzene
Concen: 21.596 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

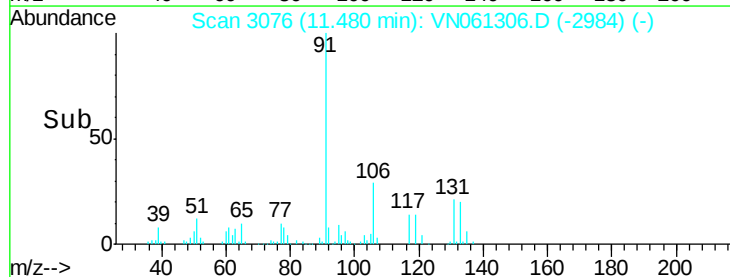
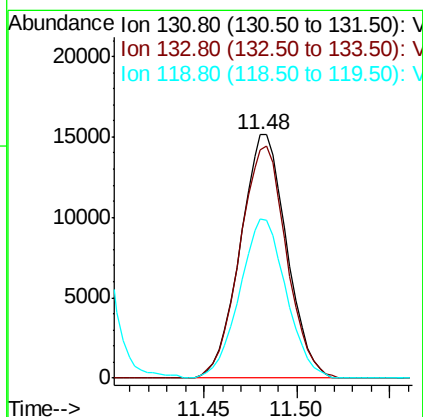
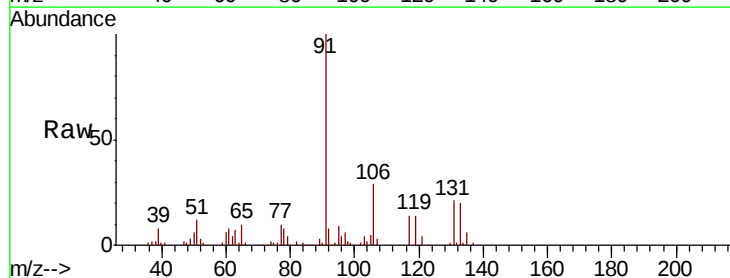
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 70222
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.648 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion:131 Resp: 26358
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 65.3 32.6 97.8

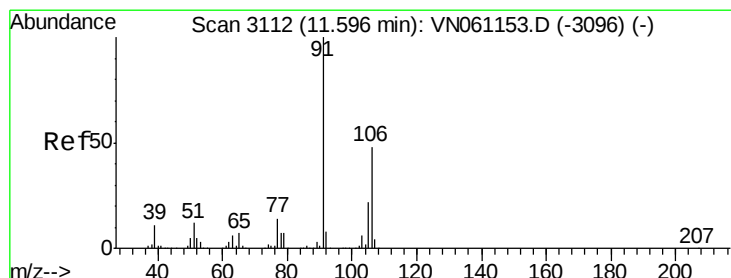
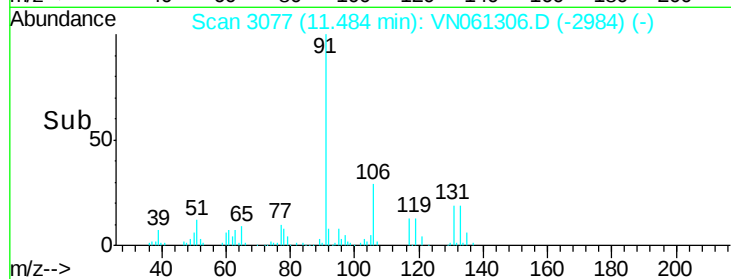
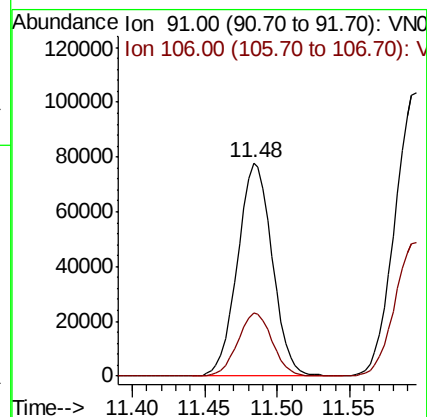
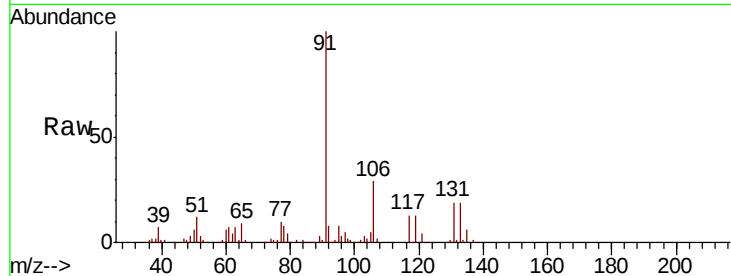




#67
Ethyl Benzene
Concen: 21.253 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

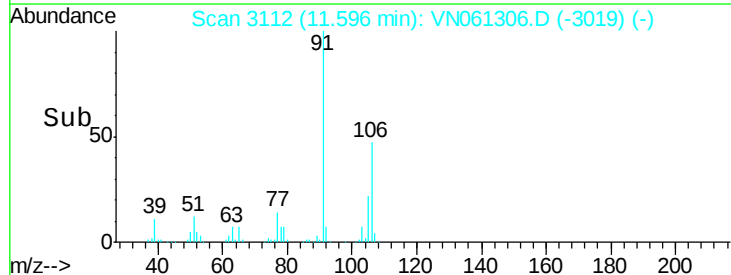
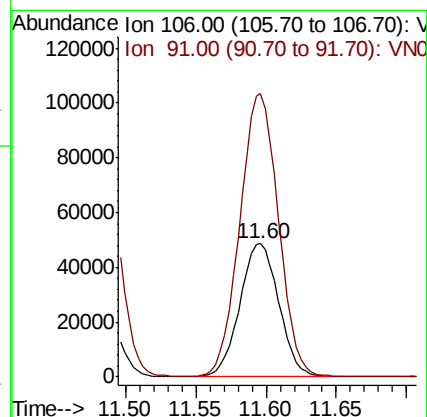
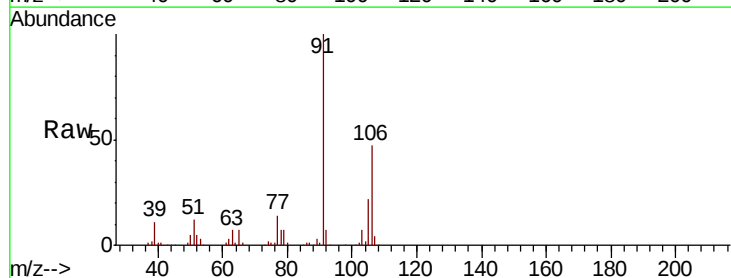
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 129366
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 42.315 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 106 Resp: 94279
Ion Ratio Lower Upper
106 100
91 211.1 166.4 249.6

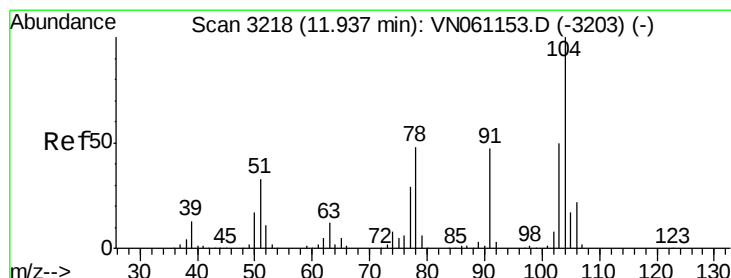
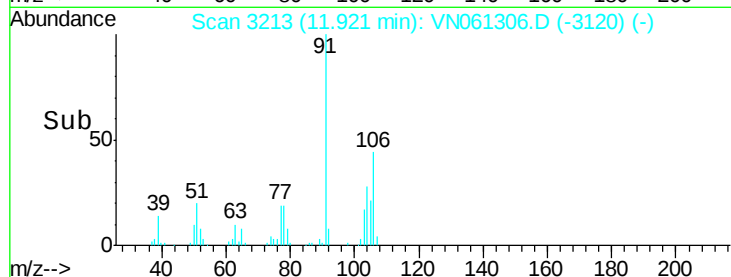
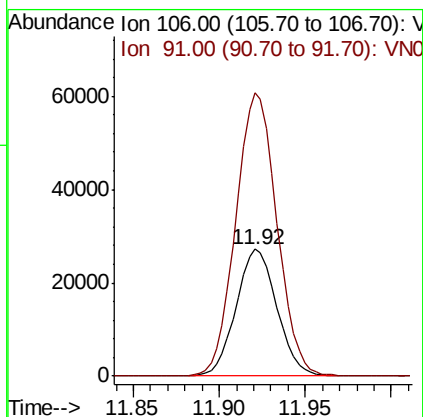
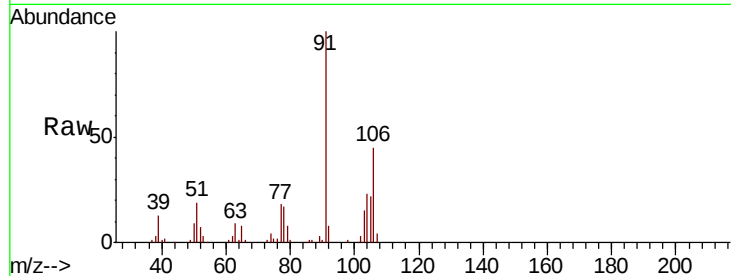




#69
o-Xylene
Concen: 20.917 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

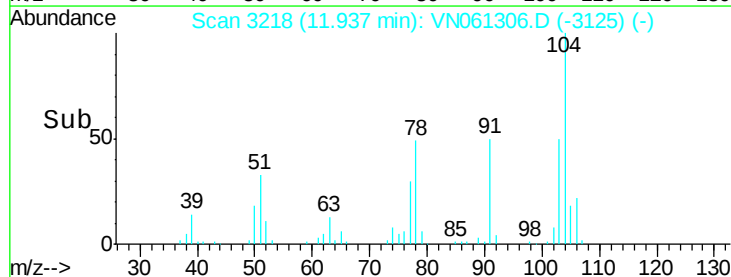
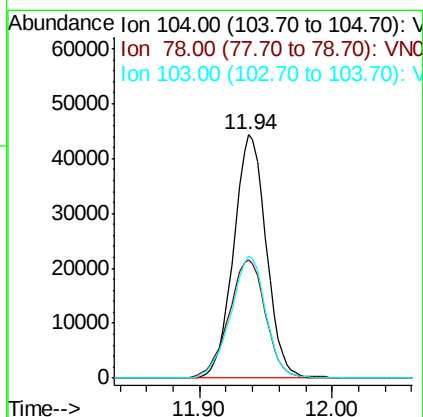
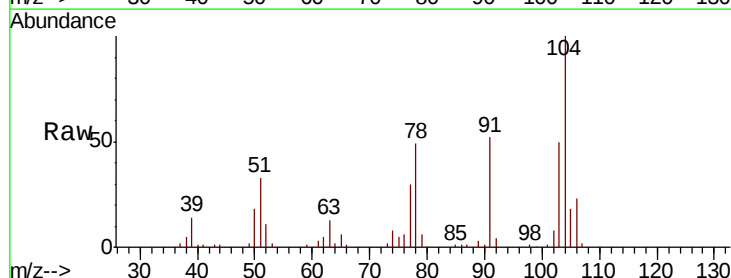
Instrument :
MSVOA_N
ClientSampled :

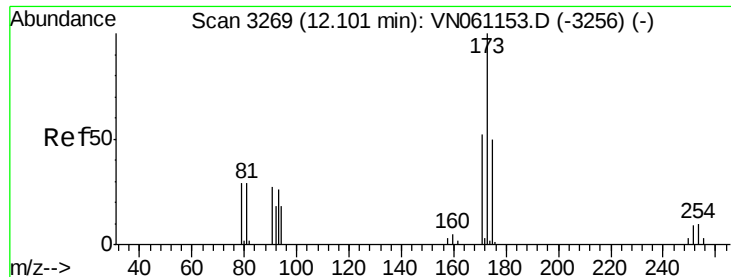
Tot Ion:106 Resp: 44765
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.0



#70
Styrene
Concen: 21.181 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion:104 Resp: 75870
Ion Ratio Lower Upper
104 100
78 54.4 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 22.201 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

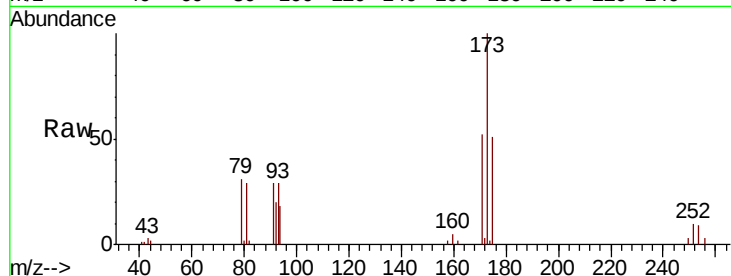
Tot Ion:173 Resp: 18989

Ion Ratio Lower Upper

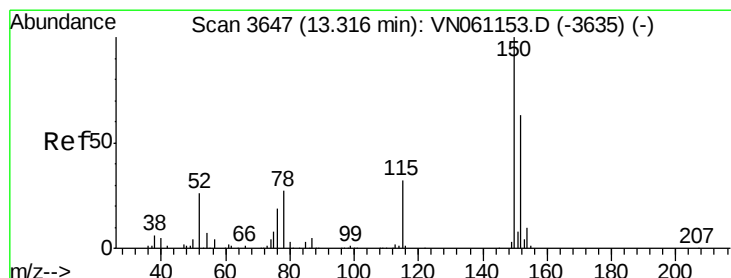
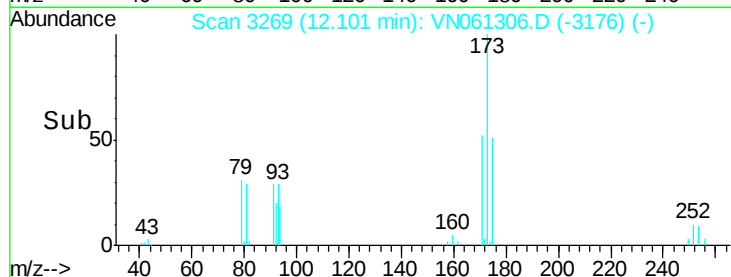
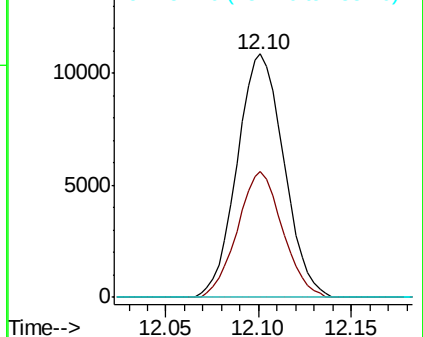
173 100

175 49.8 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

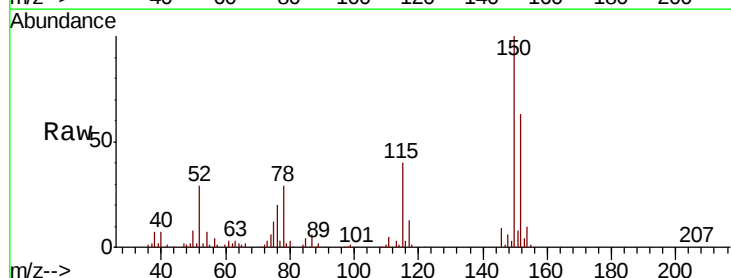
Tgt Ion:152 Resp: 75408

Ion Ratio Lower Upper

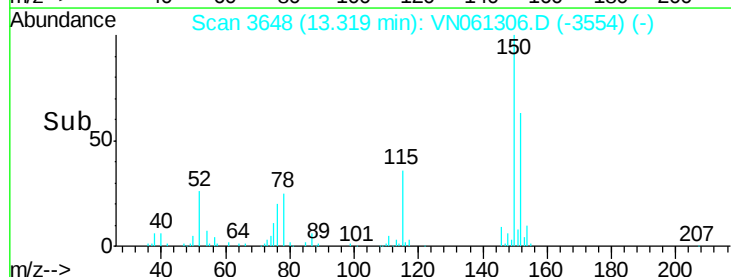
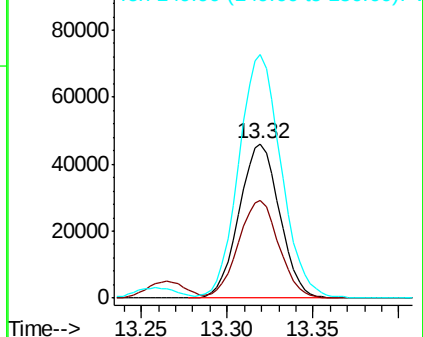
152 100

115 63.3 31.0 93.0

150 165.6 0.0 351.8



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

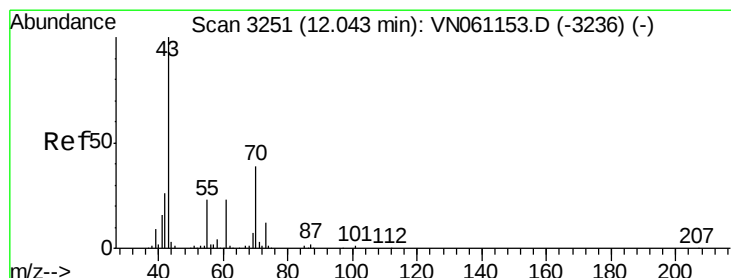
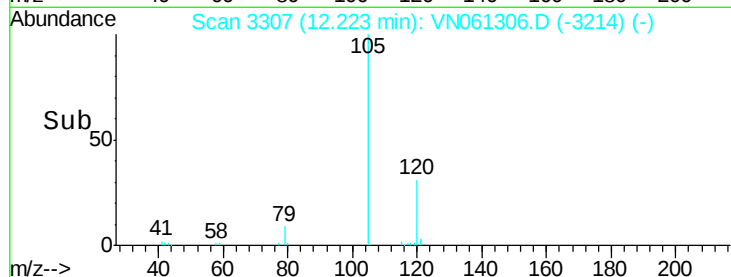
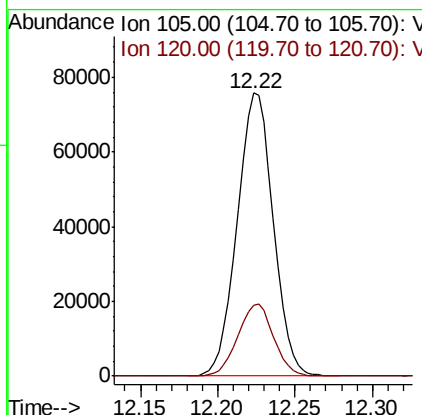
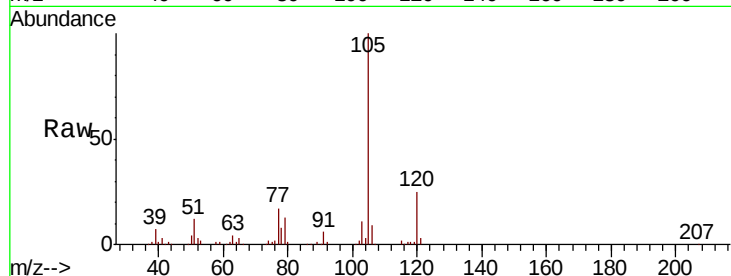




#73
Isopropylbenzene
Concen: 22.167 ug/l
RT: 12.22 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

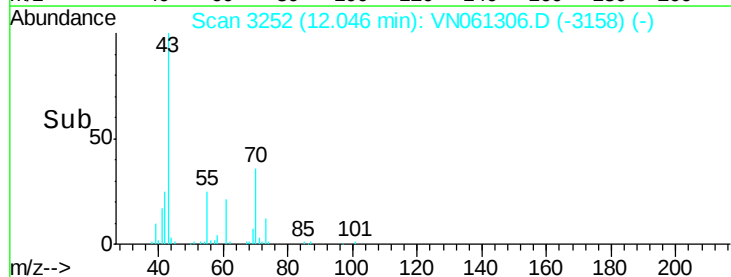
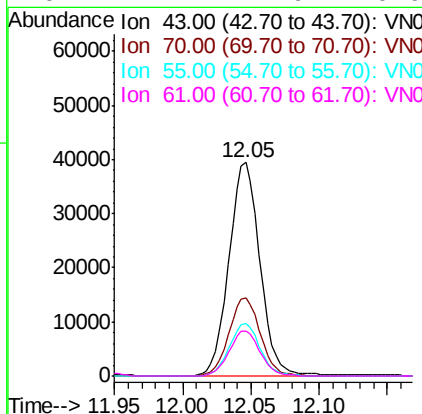
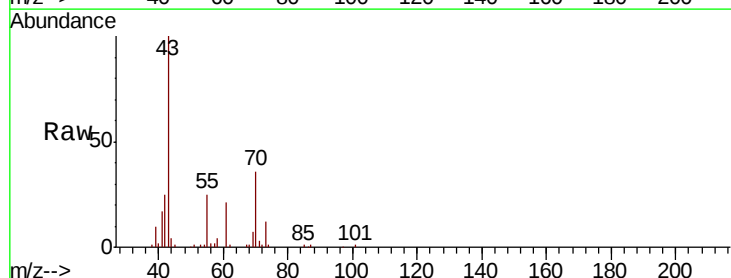
Instrument :
MSVOA_N
ClientSampled :

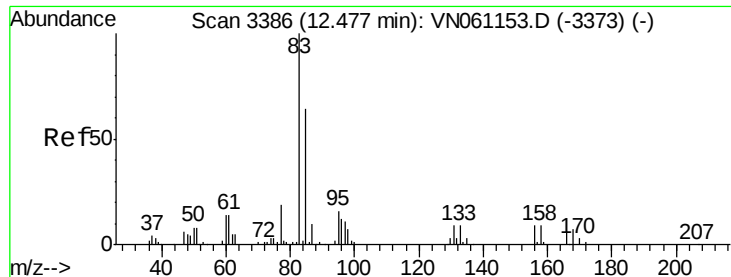
Tot Ion:105 Resp: 122885
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8



#74
N-ethyl acetate
Concen: 22.216 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. 0.00 min
Lab File: VN061306.D
Acq: 6 May 2020 13:54

Tgt Ion: 43 Resp: 62363
Ion Ratio Lower Upper
43 100
70 37.0 30.6 46.0
55 24.3 18.5 27.7
61 21.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.514 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

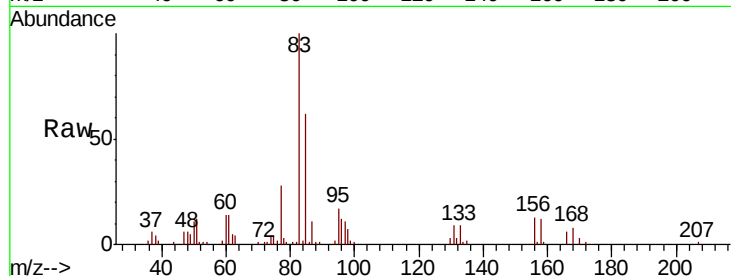
Tot Ion: 83 Resp: 40646

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

85 63.8 32.0 96.0

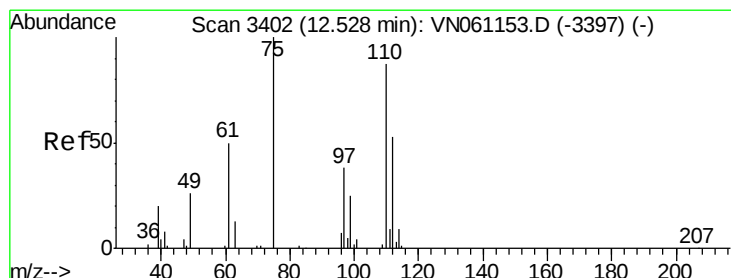
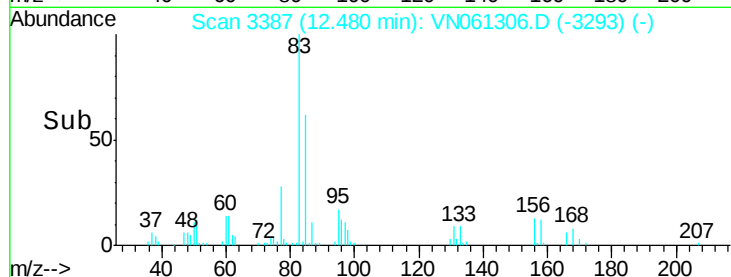


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 34.765 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061306.D

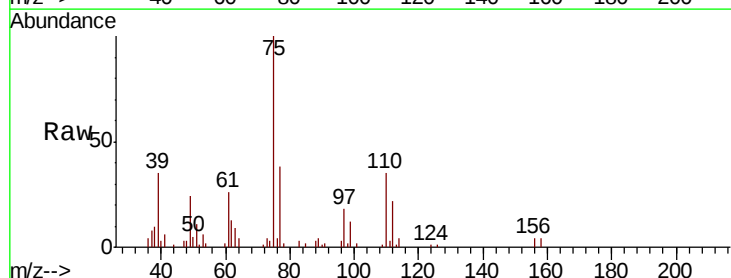
Acq: 6 May 2020 13:54

Tgt Ion: 75 Resp: 55270

Ion Ratio Lower Upper

75 100

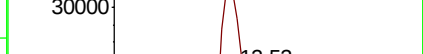
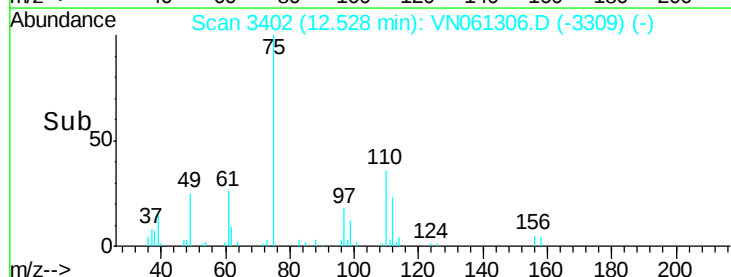
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)

Time--> 12.40 12.45 12.50





#77

Bromobenzene

Concen: 22.458 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

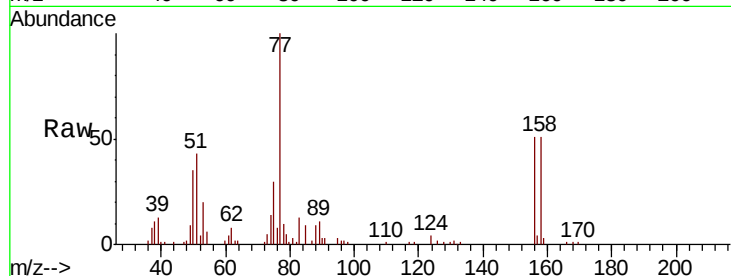
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:156 Resp: 28739

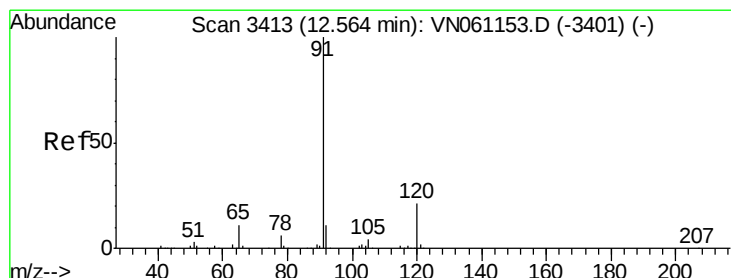
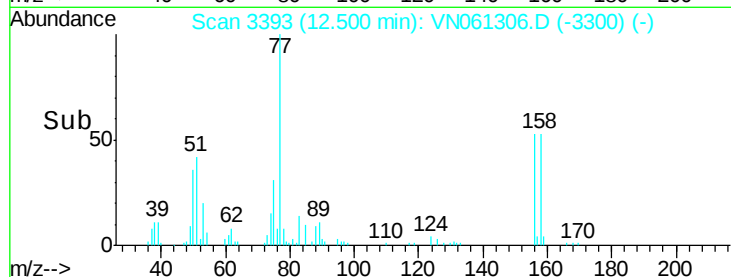
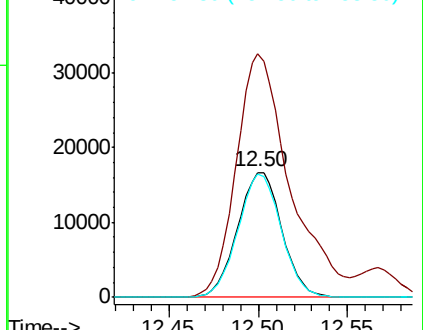
Ion	Ratio	Lower	Upper
156	100		
77	237.6	117.4	352.2
158	96.6	48.4	145.0



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: 22.111 ug/l

RT: 12.57 min Scan# 3414

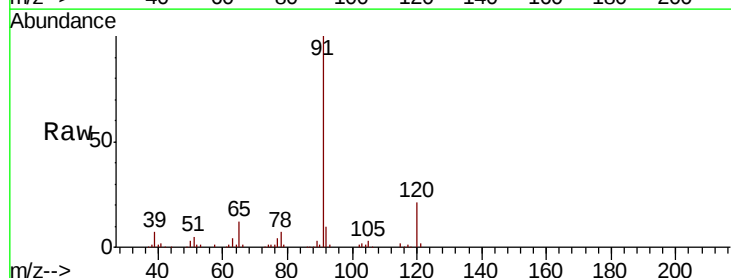
Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

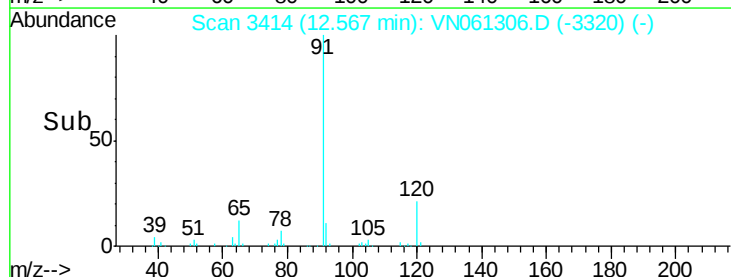
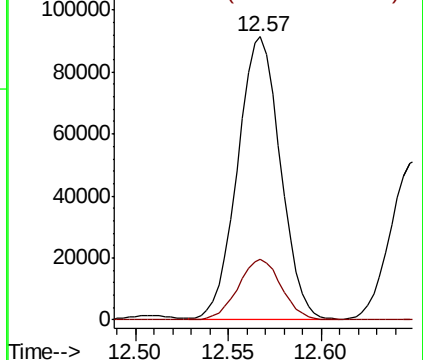
Tgt Ion: 91 Resp: 145389

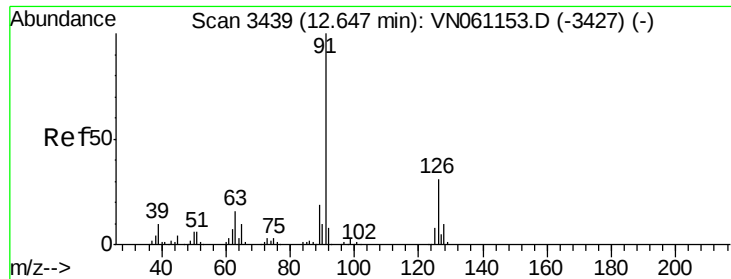
Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.237 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

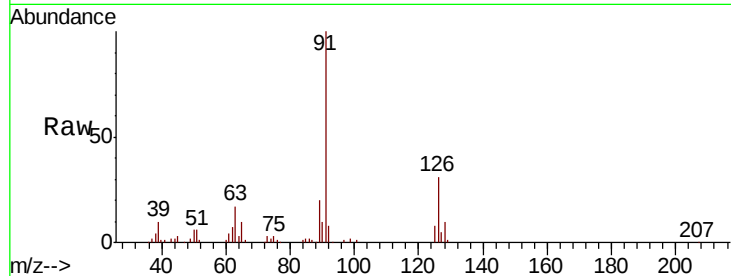
ClientSampled :

Tot Ion: 91 Resp: 85941

Ion Ratio Lower Upper

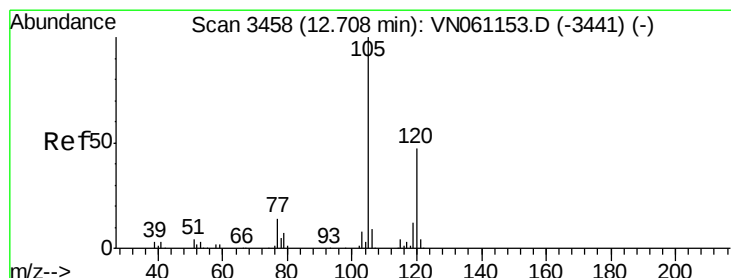
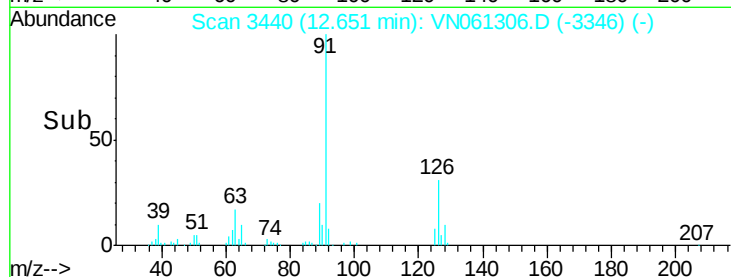
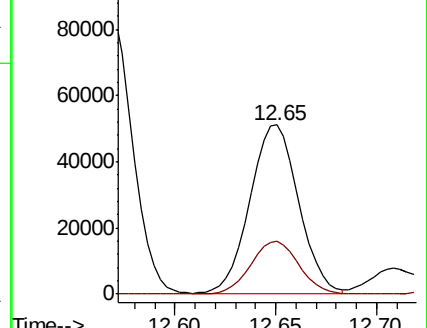
91 100

126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.557 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061306.D

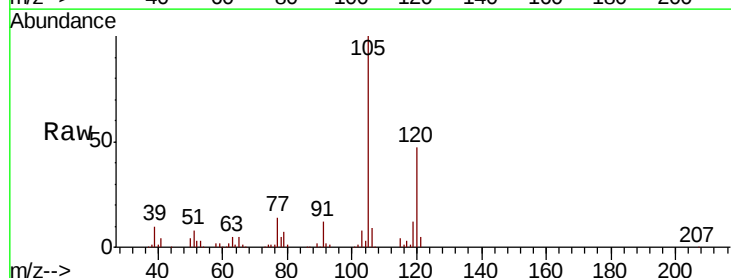
Acq: 6 May 2020 13:54

Tgt Ion: 105 Resp: 103497

Ion Ratio Lower Upper

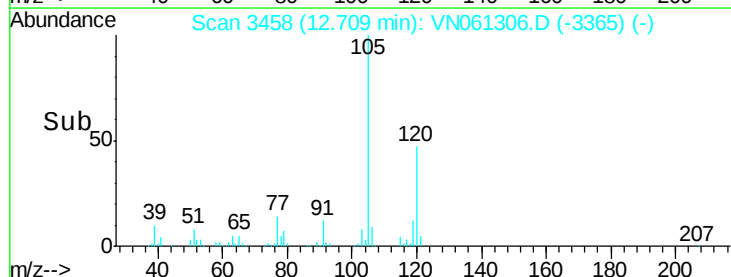
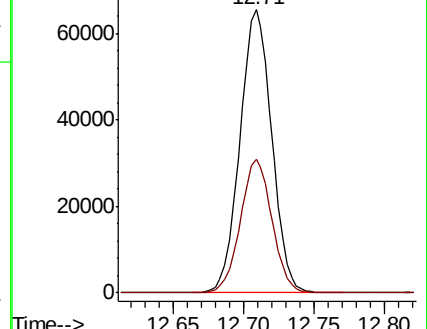
105 100

120 46.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.181 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

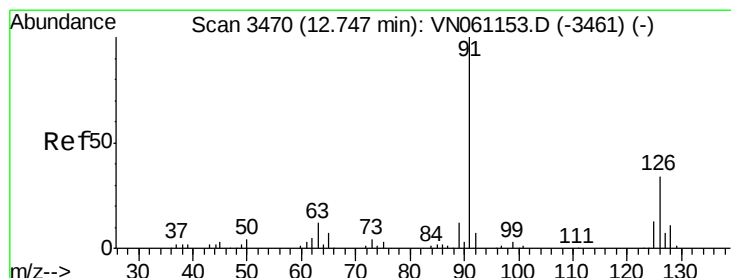
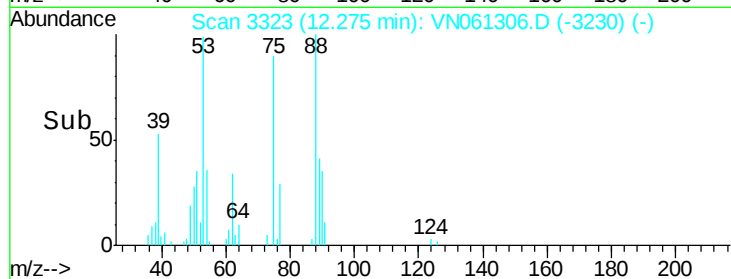
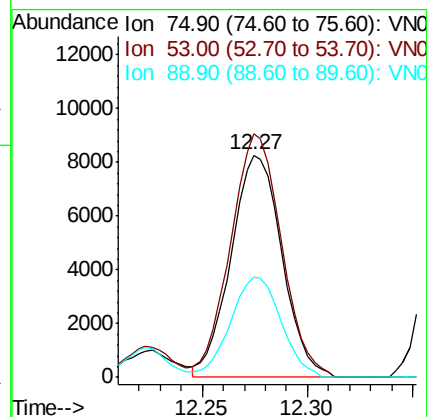
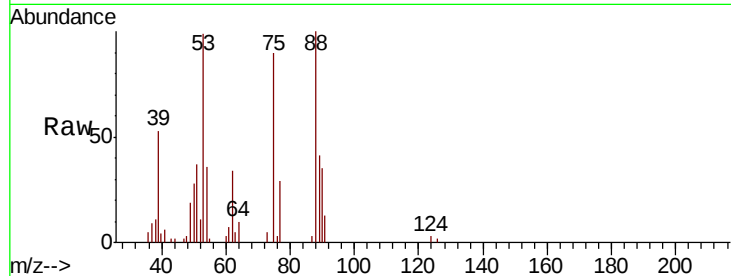
Tot Ion: 75 Resp: 13886

Ion Ratio Lower Upper

75 100

53 110.1 84.1 126.1

89 44.7 35.2 52.8



#82

4-Chlorotoluene

Concen: 22.173 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061306.D

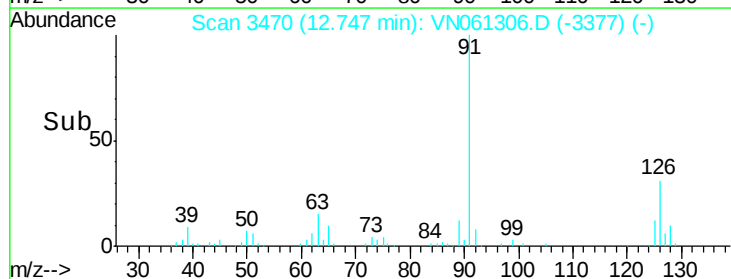
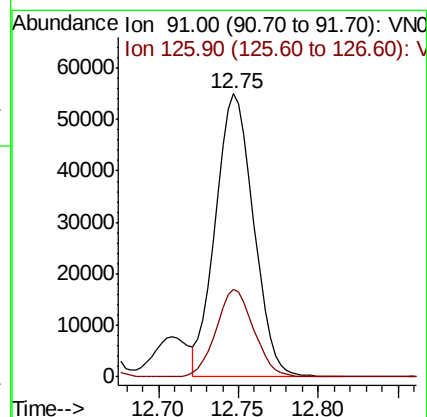
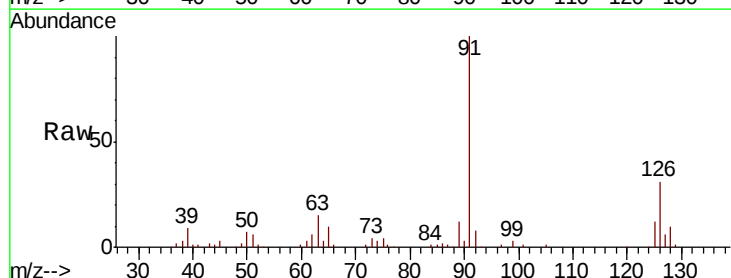
Acq: 6 May 2020 13:54

Tgt Ion: 91 Resp: 90320

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.1

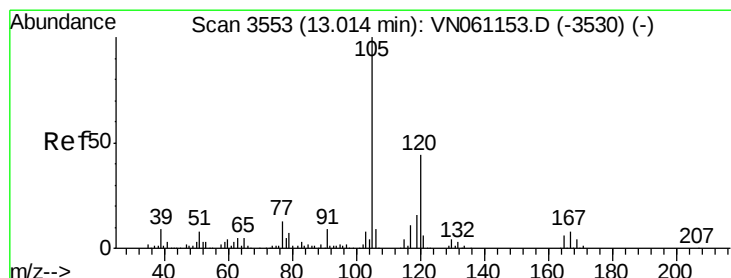
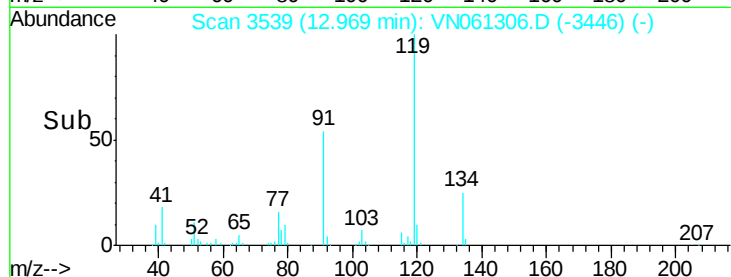
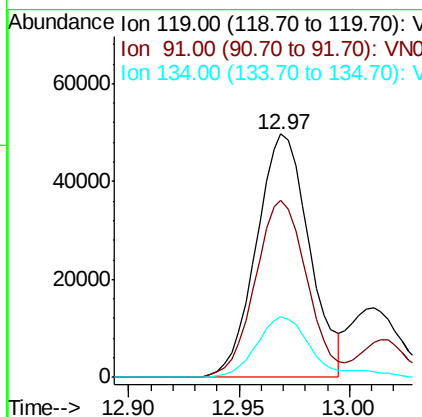
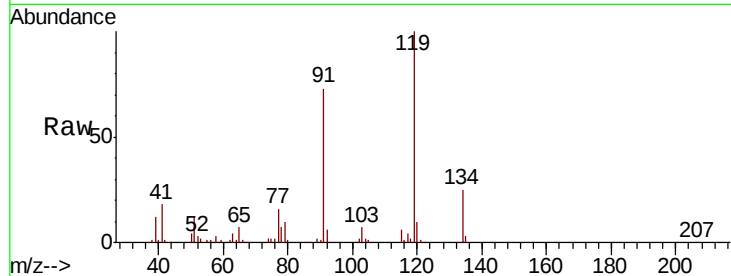




#83
 tert-Butylbenzene
 Concen: 21.358 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

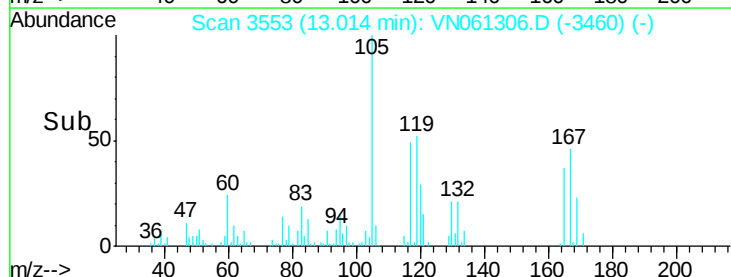
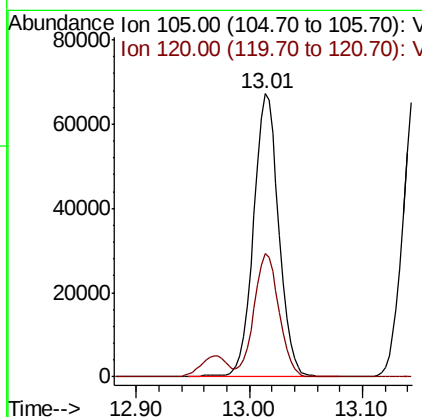
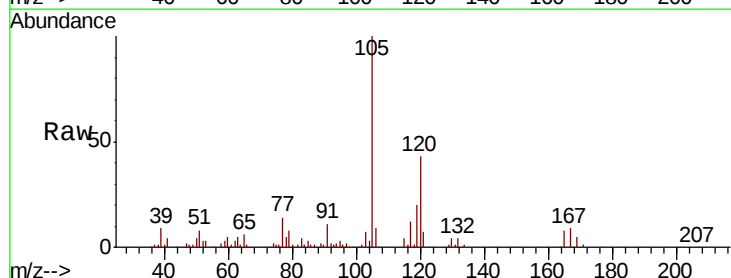
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 82629
 Ion Ratio Lower Upper
 119 100
 91 71.3 34.8 104.4
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.040 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion:105 Resp: 104185
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.607 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

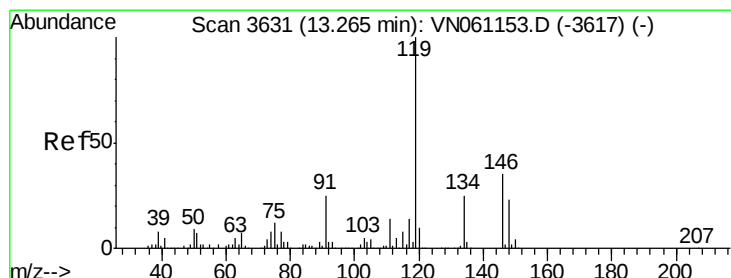
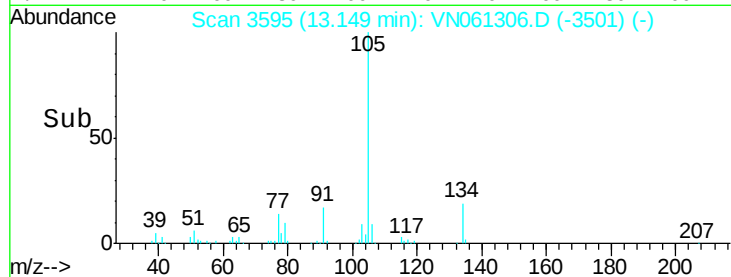
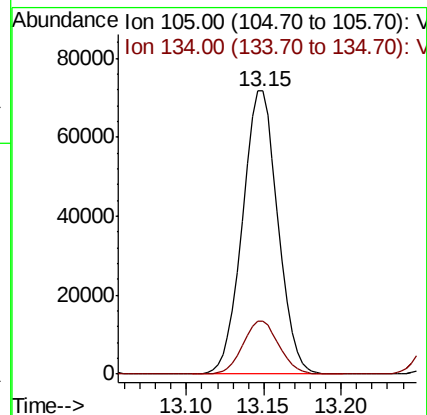
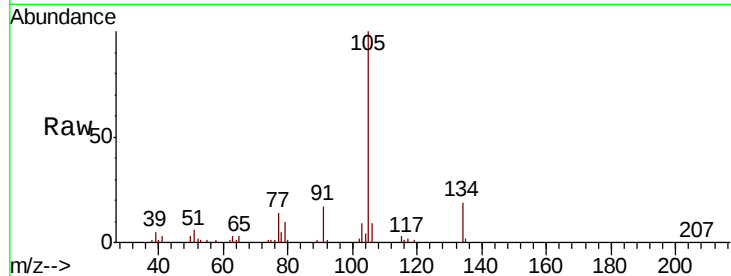
ClientSampleId :

Tot Ion:105 Resp: 113967

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 21.417 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

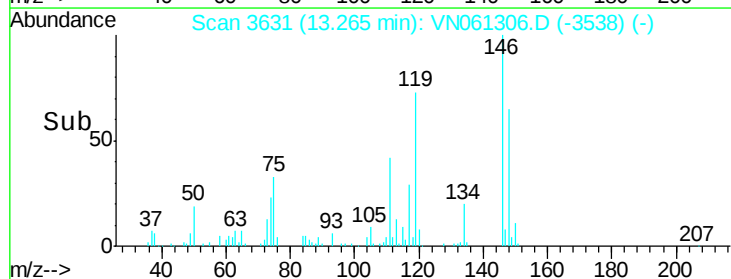
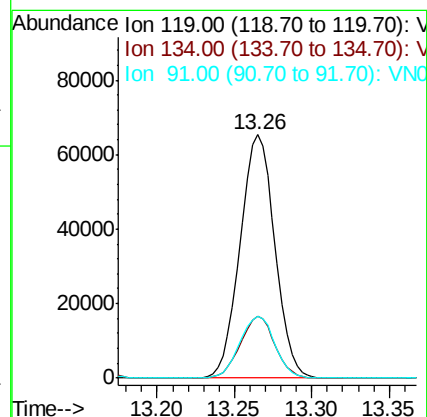
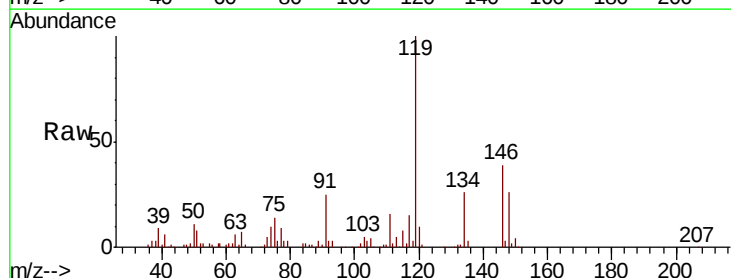
Tgt Ion:119 Resp: 101780

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 21.712 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

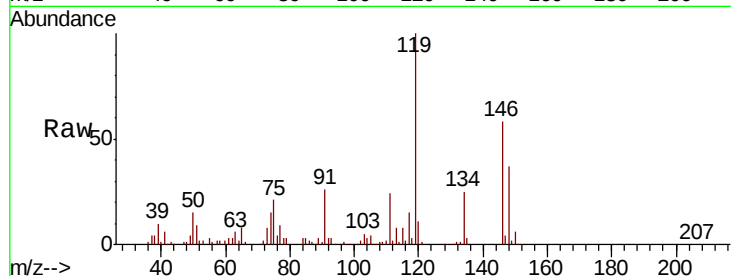
Tot Ion:146 Resp: 51151

Ion Ratio Lower Upper

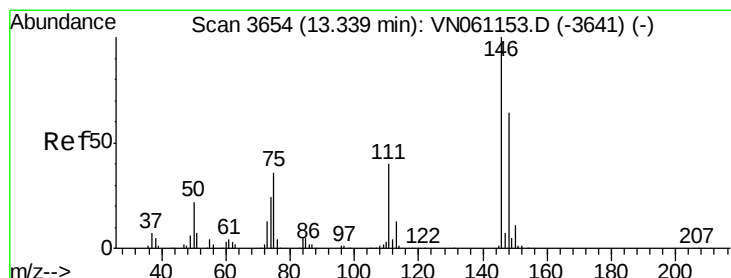
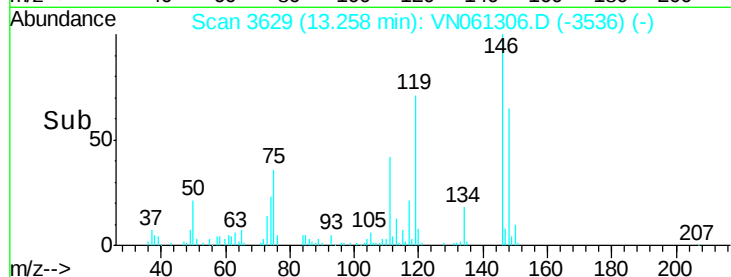
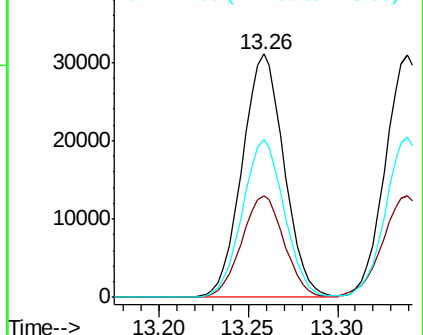
146 100

111 42.2 20.7 62.1

148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.377 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

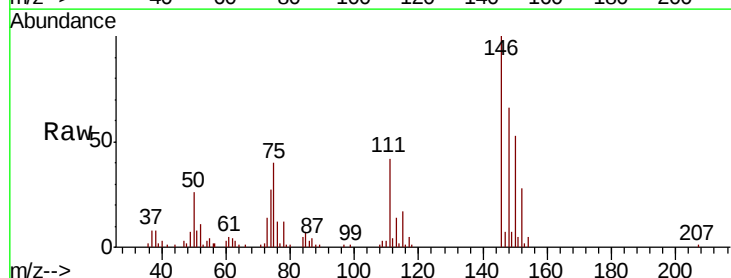
Tgt Ion:146 Resp: 51456

Ion Ratio Lower Upper

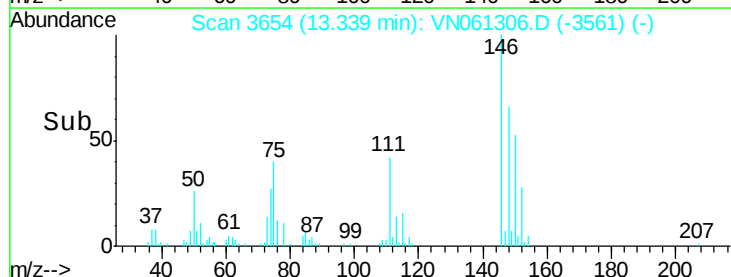
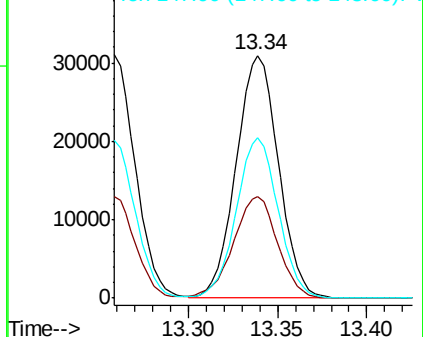
146 100

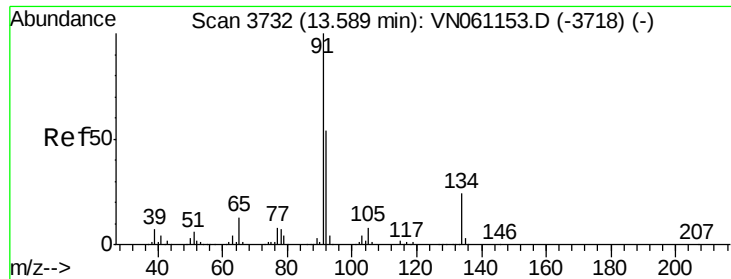
111 43.7 20.4 61.3

148 65.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.193 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

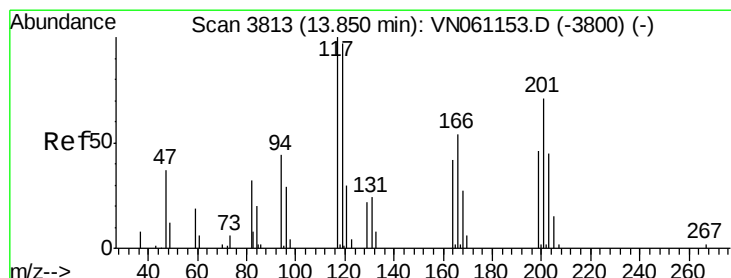
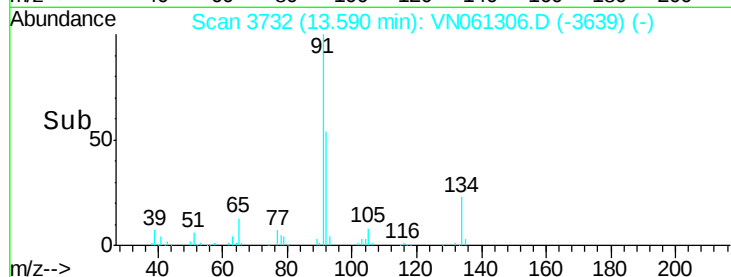
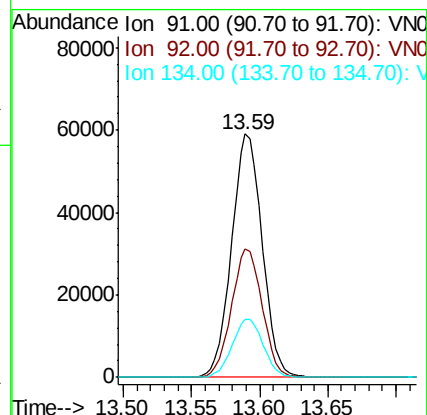
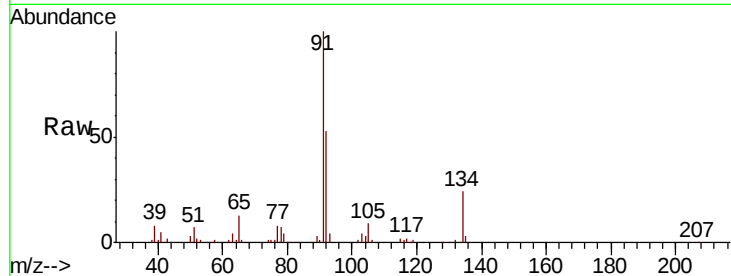
Tot Ion: 91 Resp: 92333

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.3

134 24.0 11.9 35.5



#90

Hexachloroethane

Concen: 29.520 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061306.D

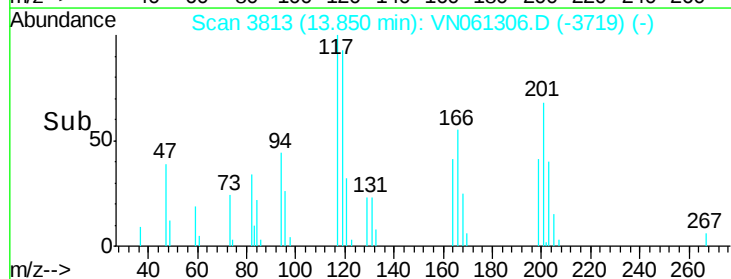
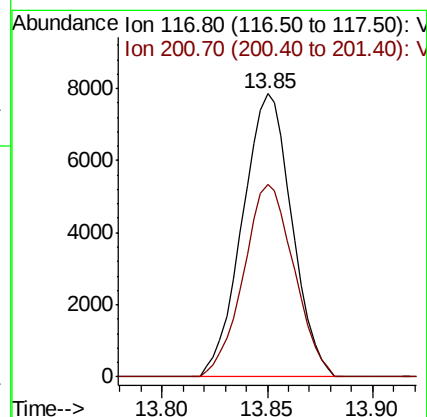
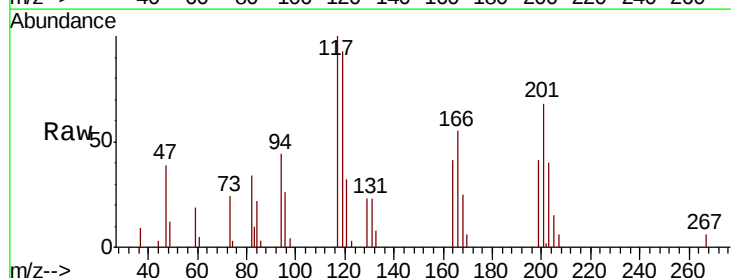
Acq: 6 May 2020 13:54

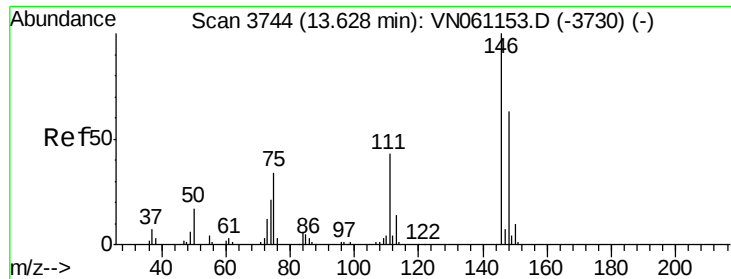
Tgt Ion: 117 Resp: 12806

Ion Ratio Lower Upper

117 100

201 69.5 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 22.467 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

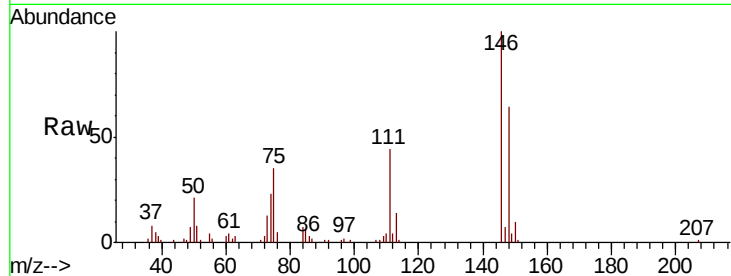
Tot Ion:146 Resp: 50751

Ion Ratio Lower Upper

146 100

111 43.8 21.8 65.3

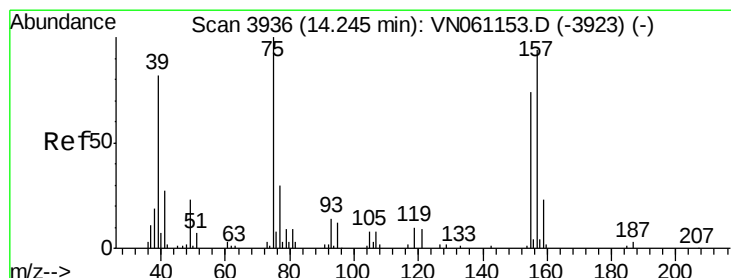
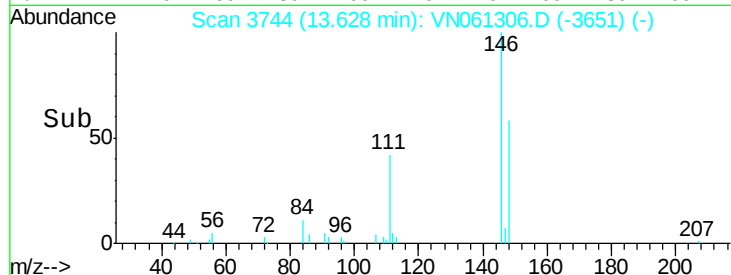
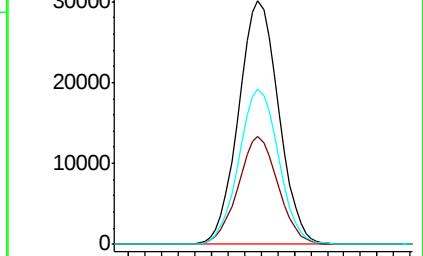
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.220 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

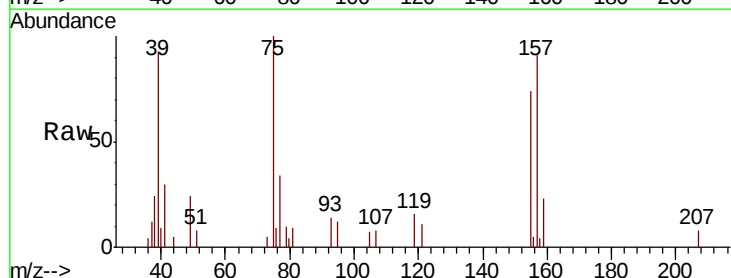
Tgt Ion: 75 Resp: 8112

Ion Ratio Lower Upper

75 100

155 69.0 36.5 109.7

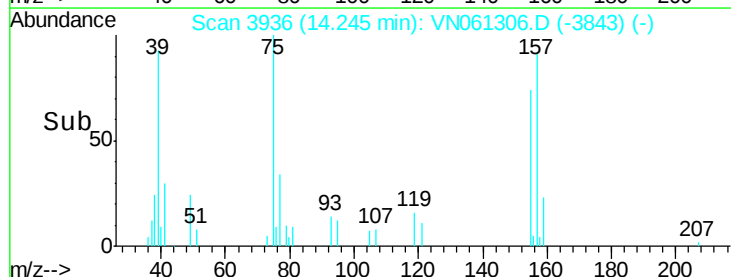
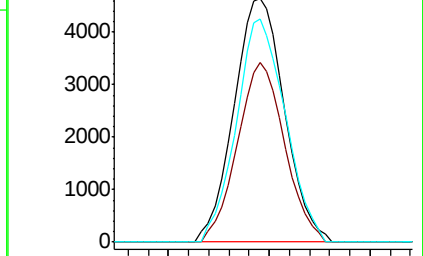
157 88.8 46.6 139.7

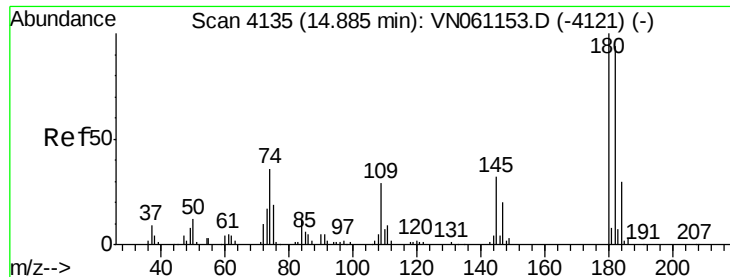


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

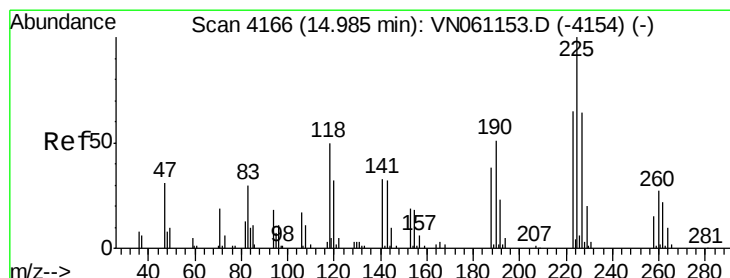
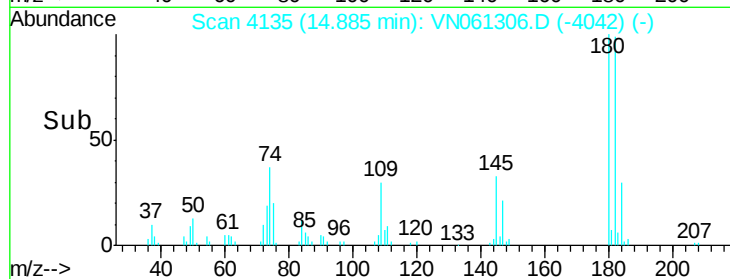
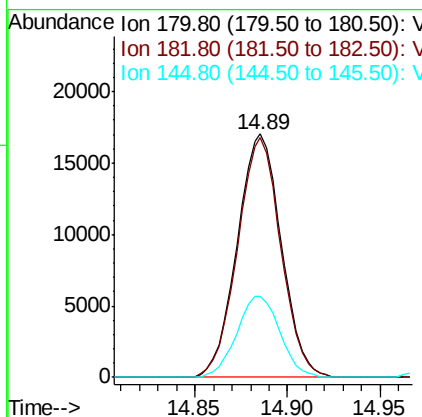
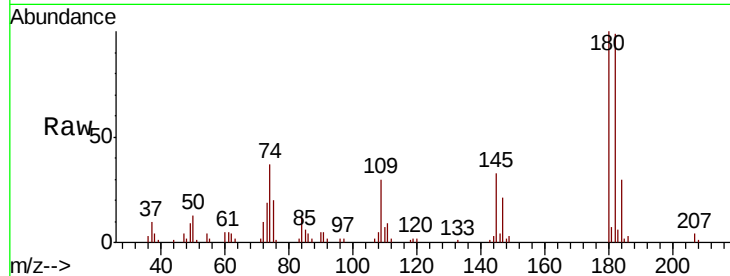




#93
 1,2,4-Trichlorobenzene
 Concen: 20.394 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

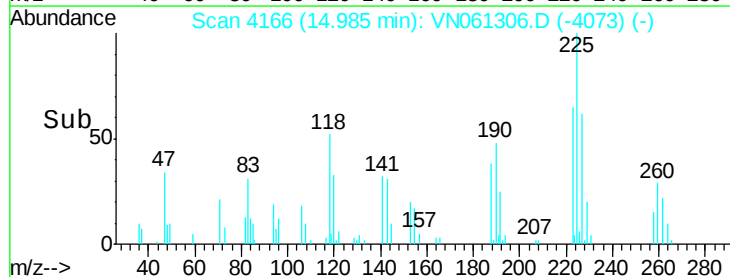
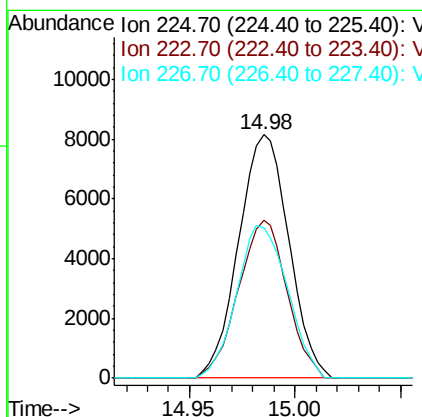
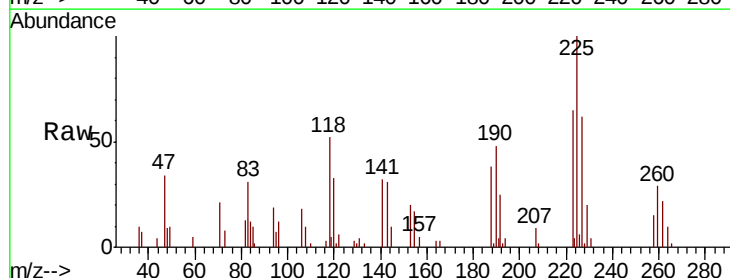
Instrument :
 MSVOA_N
 ClientSampled :

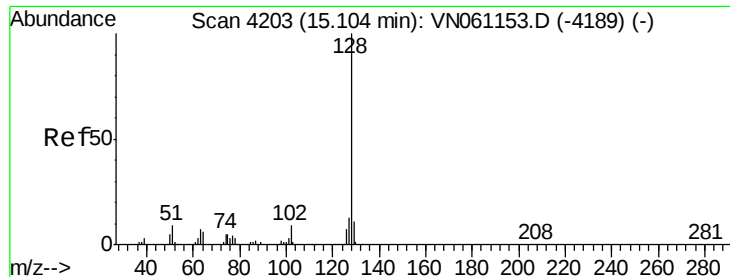
Tot Ion:180 Resp: 28053
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 32.6 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 23.461 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061306.D
 Acq: 6 May 2020 13:54

Tgt Ion:225 Resp: 13482
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.4 97.0
 227 63.4 32.4 97.0





#95

Naphthalene

Concen: 19.474 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

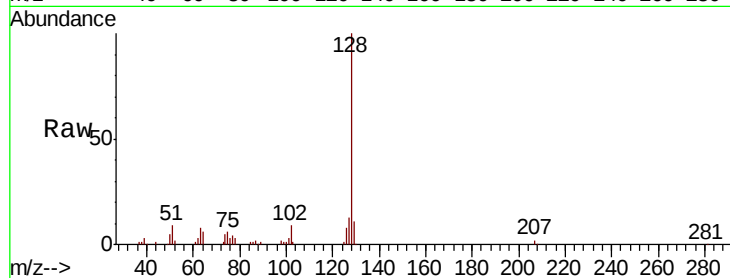
Tot Ion:128 Resp: 87238

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

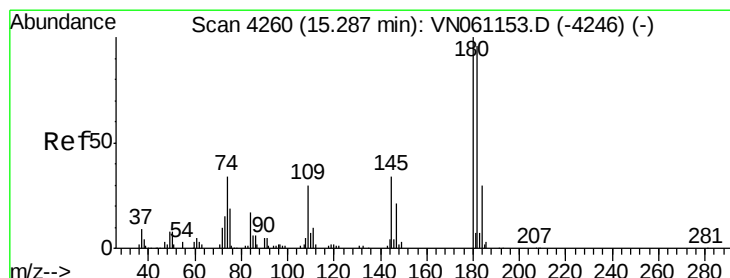
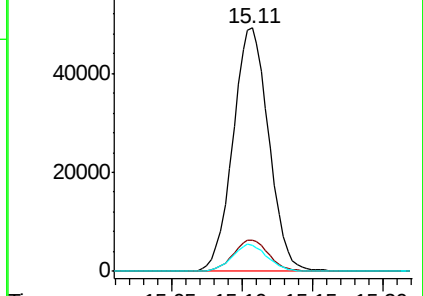
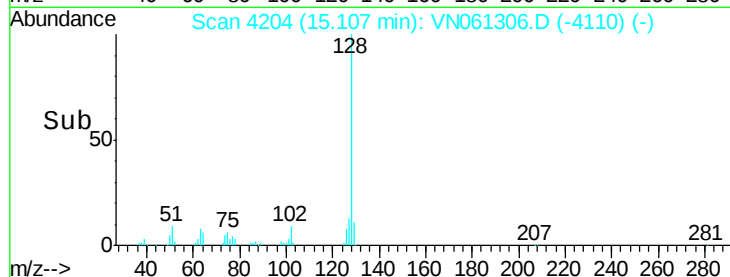
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.928 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061306.D

Acq: 6 May 2020 13:54

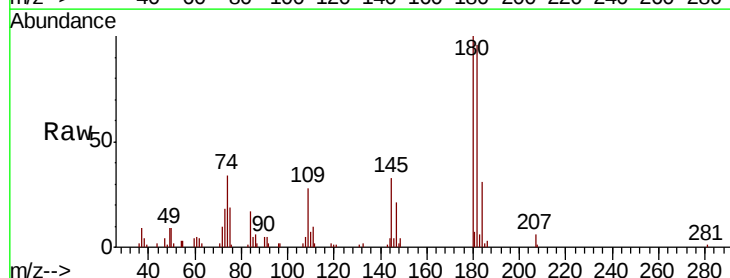
Tgt Ion:180 Resp: 28421

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 32.6 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

