

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060952.D
 Acq On : 15 Apr 2020 11:32
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	210467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	99043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	97816	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	7.56	113	72440	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
50) Toluene-d8	10.08	98	284653	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	106238	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	21389	15.703	ug/l	97
3) Chloromethane	2.04	50	39328	15.459	ug/l	99
4) Vinyl Chloride	2.17	62	32548	16.358	ug/l	100
5) Bromomethane	2.55	94	16851	19.618	ug/l	100
6) Chloroethane	2.68	64	20460	17.850	ug/l	95
7) Trichlorofluoromethane	3.00	101	44264	18.059	ug/l	100
8) Diethyl Ether	3.38	74	19292	19.592	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	27452	19.328	ug/l	99
10) Methyl Iodide	3.92	142	20862	16.507	ug/l	99
11) Tert butyl alcohol	4.72	59	29672	104.402	ug/l	99
12) 1,1-Dichloroethene	3.71	96	27122	17.795	ug/l	96
13) Acrolein	3.57	56	23715	75.289	ug/l	98
14) Allyl chloride	4.29	41	51223	19.109	ug/l	96
15) Acrylonitrile	4.94	53	82708	98.964	ug/l	100
16) Acetone	3.77	43	79431	116.038	ug/l	100
17) Carbon Disulfide	4.03	76	72556	15.653	ug/l	99
18) Methyl Acetate	4.28	43	41752	21.669	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	101374	19.346	ug/l	96
20) Methylene Chloride	4.52	84	31373	18.631	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	29141	17.940	ug/l	98
22) Diisopropyl ether	5.91	45	115018	20.309	ug/l	99
23) Vinyl Acetate	5.85	43	465009	100.634	ug/l	99
24) 1,1-Dichloroethane	5.81	63	60985	19.753	ug/l	99
25) 2-Butanone	6.79	43	115960	104.687	ug/l	98
26) 2,2-Dichloropropane	6.79	77	51687	21.278	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	34800	18.852	ug/l	97
28) Bromochloromethane	7.16	49	29767	20.152	ug/l	96
29) Tetrahydrofuran	7.18	42	76682	97.842	ug/l	98
30) Chloroform	7.34	83	56993	19.256	ug/l	97
31) Cyclohexane	7.63	56	54847	17.621	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	48680	19.079	ug/l	99
36) 1,1-Dichloropropene	7.77	75	42138	18.622	ug/l	99
37) Ethyl Acetate	6.89	43	47571	19.456	ug/l	99
38) Carbon Tetrachloride	7.75	117	37296	18.390	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060952.D
 Acq On : 15 Apr 2020 11:32
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	50567	18.805	ug/l	98
40) Benzene	8.02	78	131621	19.269	ug/l	100
41) Methacrylonitrile	7.17	41	68609	65.751	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	45931	19.675	ug/l	99
43) Isopropyl Acetate	8.14	43	81138	20.122	ug/l	99
44) Trichloroethene	8.81	130	32246	18.726	ug/l	98
45) 1,2-Dichloropropane	9.10	63	36417	20.204	ug/l	99
46) Dibromomethane	9.19	93	21674	19.890	ug/l	96
47) Bromodichloromethane	9.38	83	44223	19.530	ug/l	99
48) Methyl methacrylate	9.18	41	35074	19.537	ug/l	98
49) 1,4-Dioxane	9.18	88	10529	493.412	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	234455	102.179	ug/l	99
52) Toluene	10.14	92	78645	19.064	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	52151	20.050	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	56413	19.770	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	31275	19.706	ug/l	98
56) Ethyl methacrylate	10.42	69	48460	19.583	ug/l	98
57) 1,3-Dichloropropane	10.69	76	54960	19.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	113830	92.550	ug/l	99
59) 2-Hexanone	10.74	43	166809	100.920	ug/l	99
60) Dibromochloromethane	10.89	129	31733	19.357	ug/l	99
61) 1,2-Dibromoethane	10.99	107	30517	19.122	ug/l	99
64) Tetrachloroethene	10.62	164	29521	17.825	ug/l	99
65) Chlorobenzene	11.42	112	81115	19.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	30069	19.905	ug/l	98
67) Ethyl Benzene	11.50	91	150820	19.438	ug/l	99
68) m/p-Xylenes	11.61	106	110093	38.183	ug/l	97
69) o-Xylene	11.94	106	53671	19.499	ug/l	100
70) Styrene	11.96	104	86751	19.271	ug/l	99
71) Bromoform	12.12	173	22384	18.909	ug/l #	99
73) Isopropylbenzene	12.24	105	144946	19.501	ug/l	99
74) N-amyl acetate	12.06	43	66684	19.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	44965	20.005	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	60573	28.343	ug/l #	100
77) Bromobenzene	12.52	156	33501	18.705	ug/l	95
78) n-propylbenzene	12.59	91	170984	19.471	ug/l	99
79) 2-Chlorotoluene	12.67	91	100768	19.205	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	120220	19.059	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	15756	18.935	ug/l	97
82) 4-Chlorotoluene	12.77	91	104044	19.470	ug/l	99
83) tert-Butylbenzene	12.99	119	102508	19.604	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	121462	19.464	ug/l	100
85) sec-Butylbenzene	13.17	105	139143	19.789	ug/l	100
86) p-Isopropyltoluene	13.28	119	124932	19.759	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	60704	19.217	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	60627	19.103	ug/l	98
89) n-Butylbenzene	13.61	91	115328	20.203	ug/l	99
90) Hexachloroethane	13.87	117	19065	20.744	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	59015	19.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8785	18.491	ug/l	95

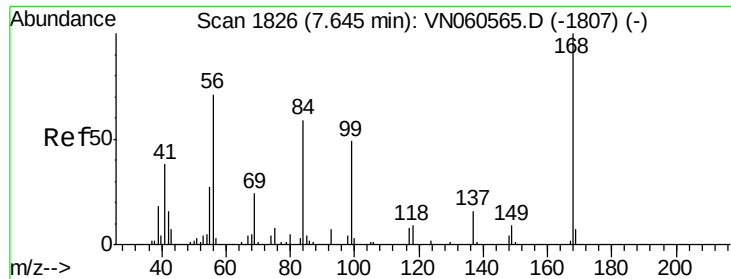
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
Data File : VN060952.D
Acq On : 15 Apr 2020 11:32
Operator : JC/MD
Sample : VN0415WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 16 06:31:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	35264	19.012	ug/l	98
94) Hexachlorobutadiene	15.01	225	18387	20.221	ug/l	97
95) Naphthalene	15.13	128	99081	17.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	34301	18.774	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

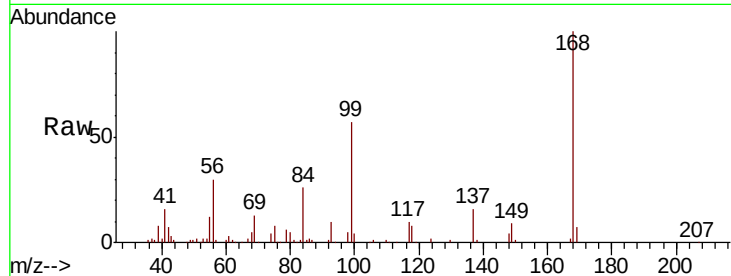
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 140773

Ion Ratio Lower Upper

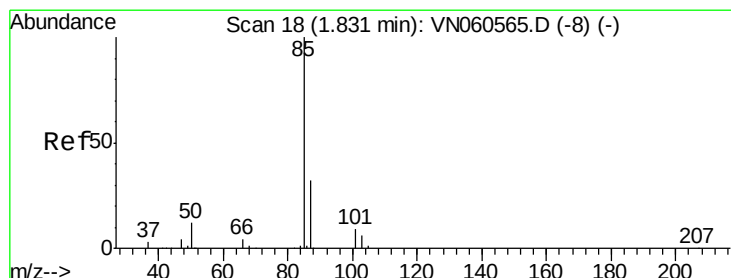
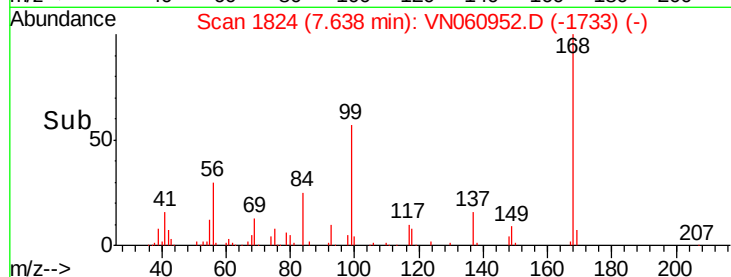
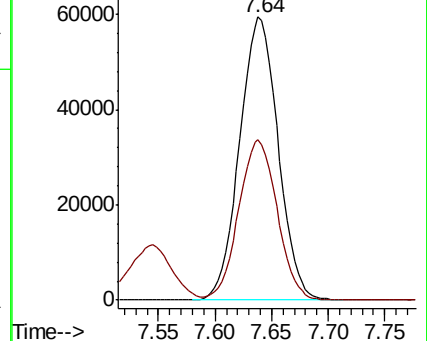
168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 15.703 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060952.D

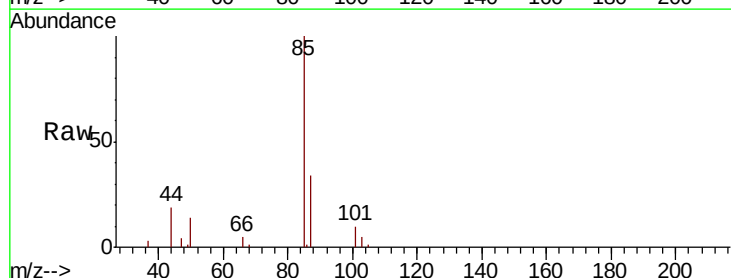
Acq: 15 Apr 2020 11:32

Tgt Ion: 85 Resp: 21389

Ion Ratio Lower Upper

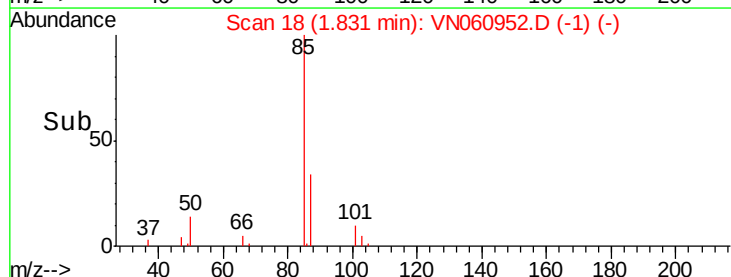
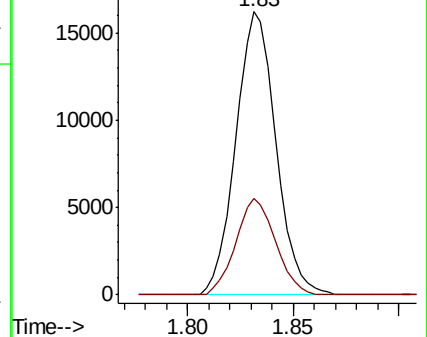
85 100

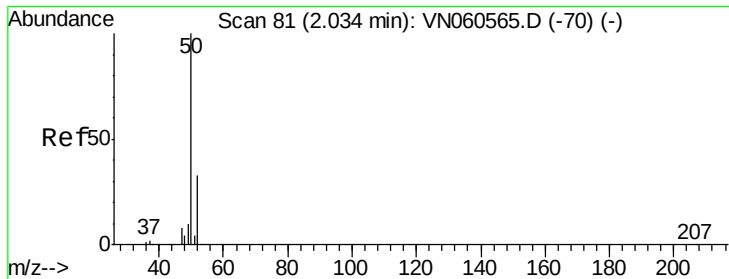
87 34.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.459 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

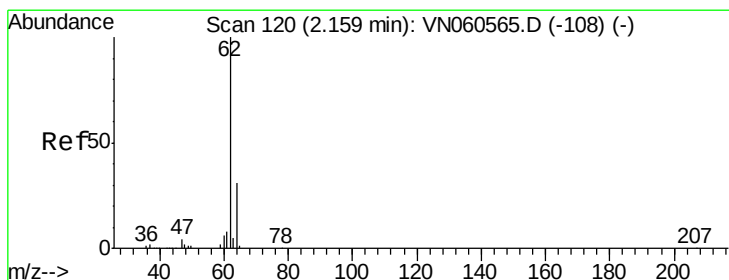
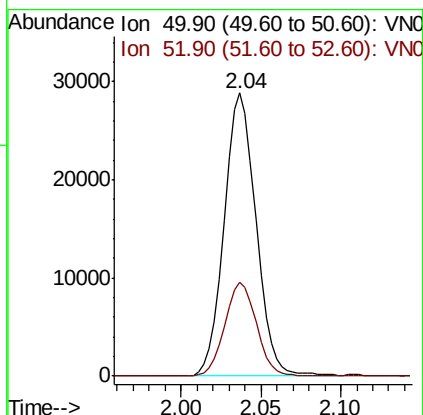
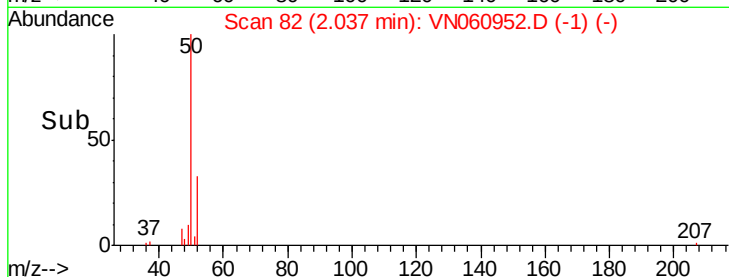
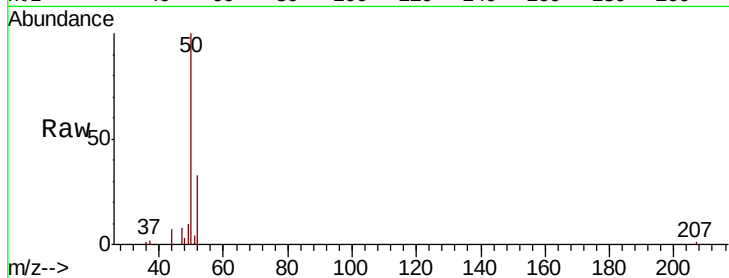
ClientSampled :

Tot Ion: 50 Resp: 39328

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 16.358 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060952.D

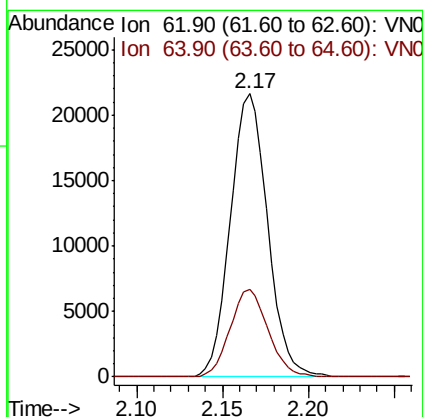
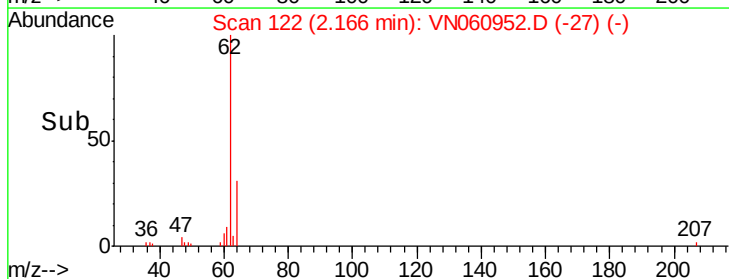
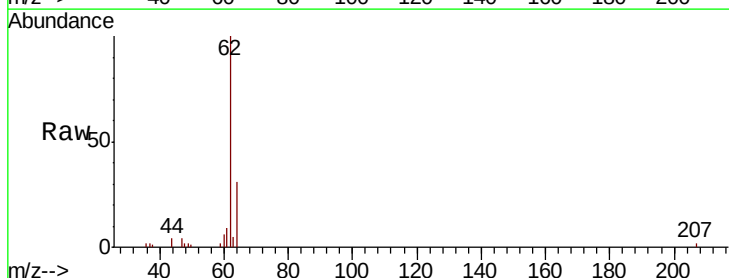
Acq: 15 Apr 2020 11:32

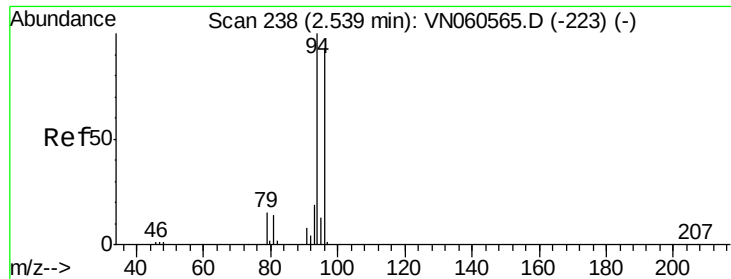
Tgt Ion: 62 Resp: 32548

Ion Ratio Lower Upper

62 100

64 30.9 24.7 37.1

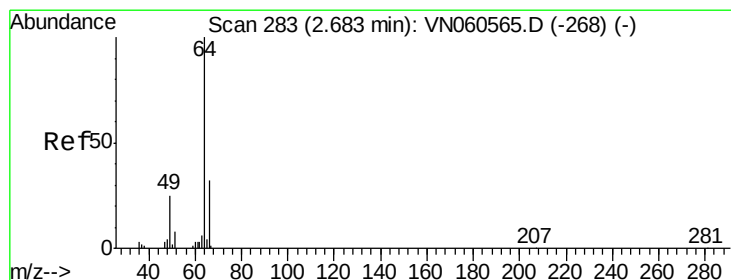
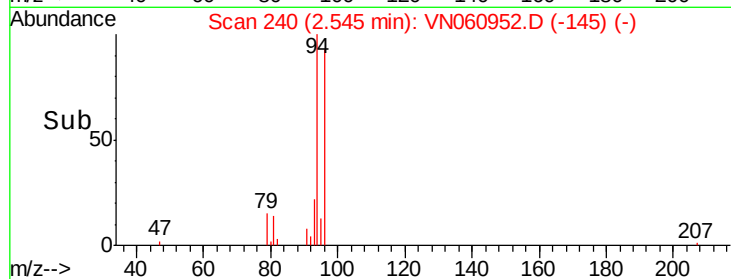
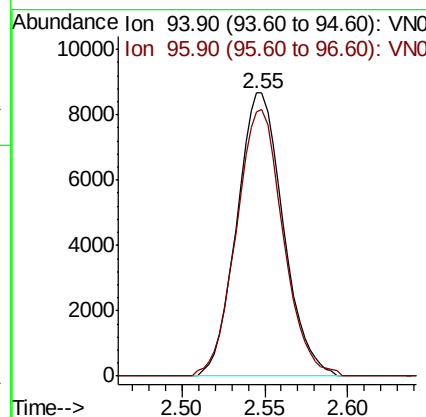
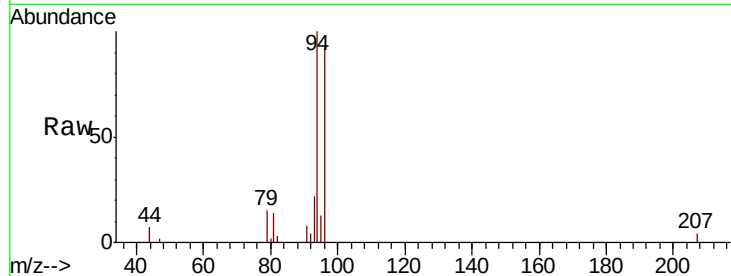




#5
Bromomethane
Concen: 19.618 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

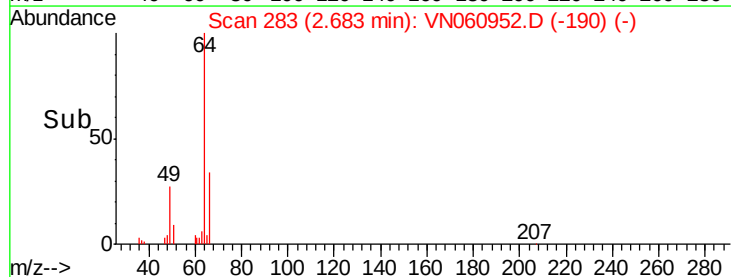
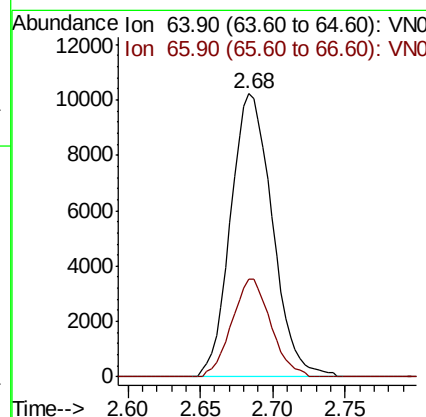
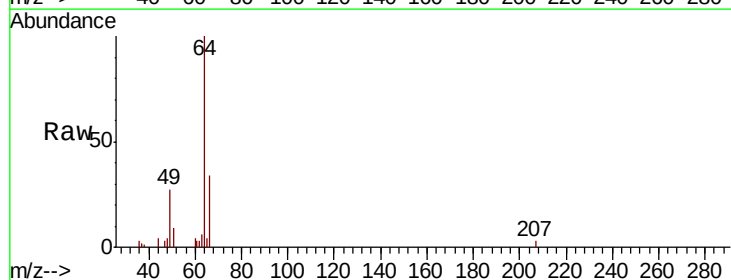
Instrument :
MSVOA_N
ClientSampleId :

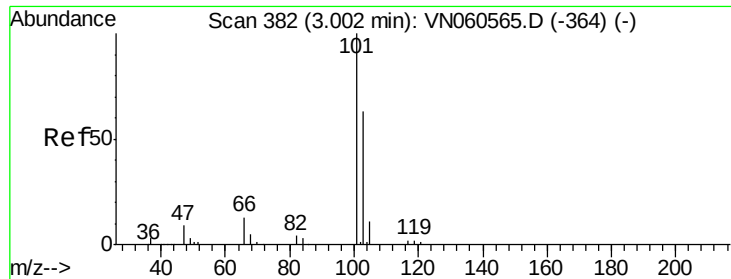
Tot Ion: 94 Resp: 16851
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0



#6
Chloroethane
Concen: 17.850 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 64 Resp: 20460
Ion Ratio Lower Upper
64 100
66 34.5 25.3 37.9



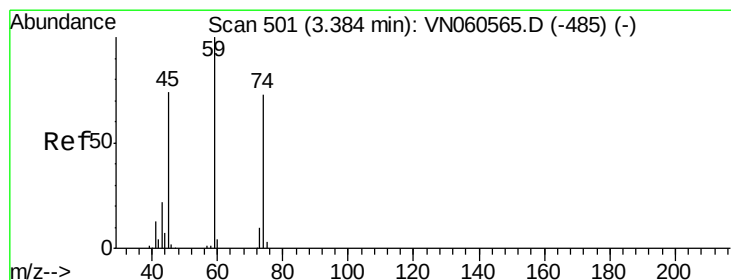
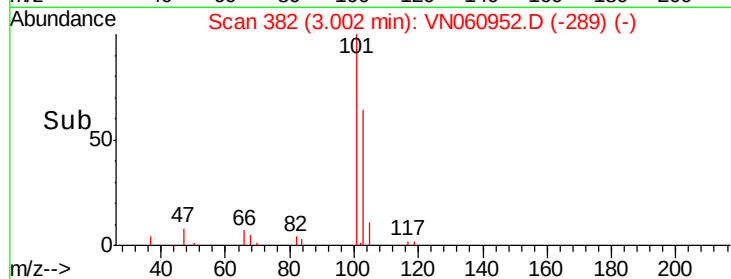
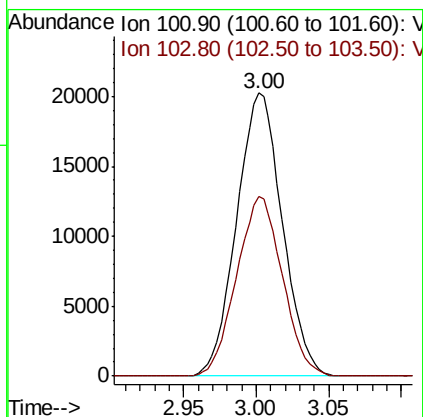
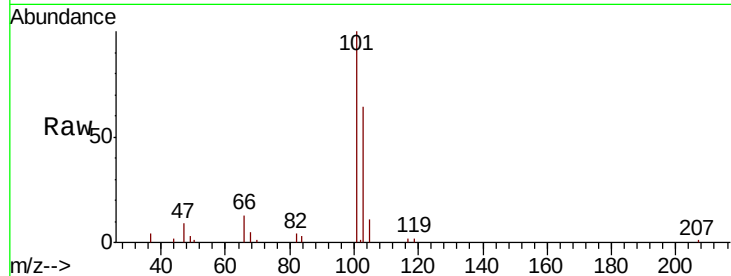


#7

Trichlorofluoromethane
 Concen: 18.059 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :

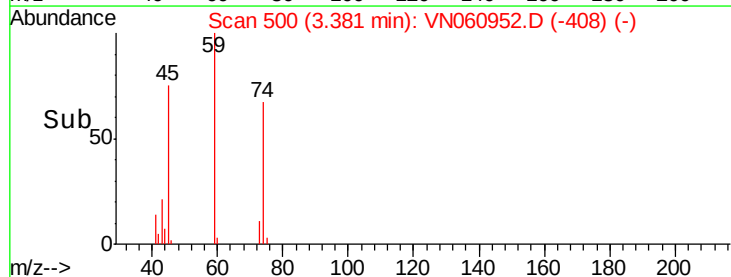
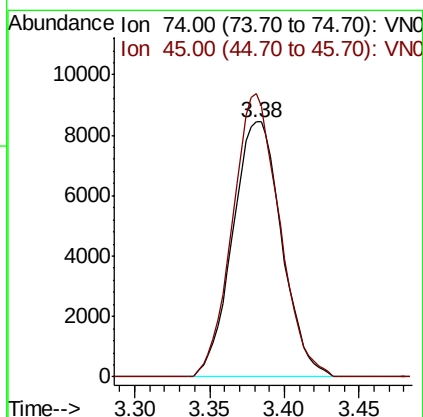
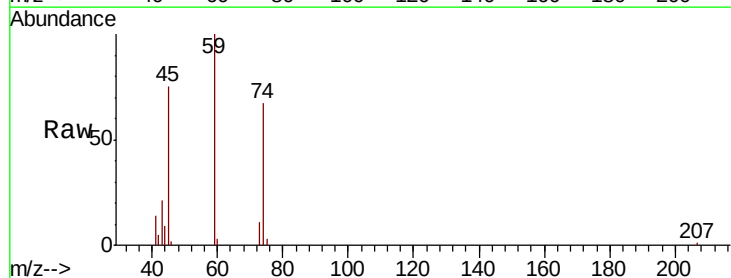
Tot Ion:101 Resp: 44264
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

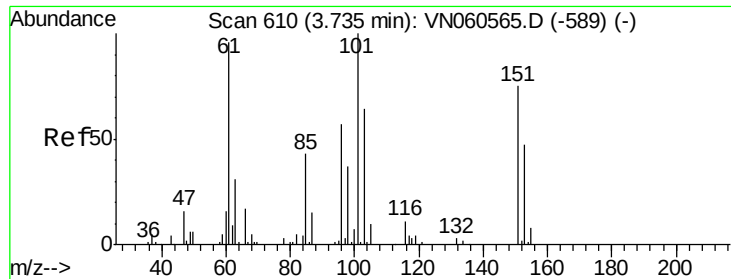


#8

Diethyl Ether
 Concen: 19.592 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 74 Resp: 19292
 Ion Ratio Lower Upper
 74 100
 45 106.1 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.328 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

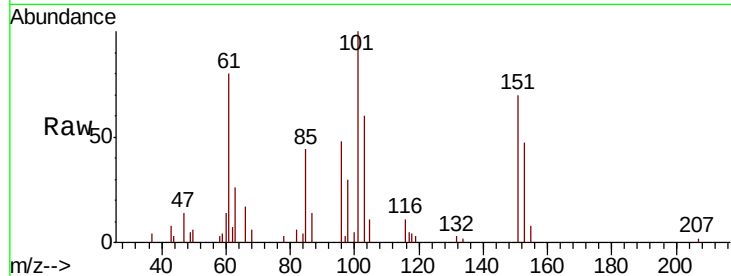
Tot Ion:101 Resp: 27452

Ion Ratio Lower Upper

101 100

85 44.8 35.6 53.4

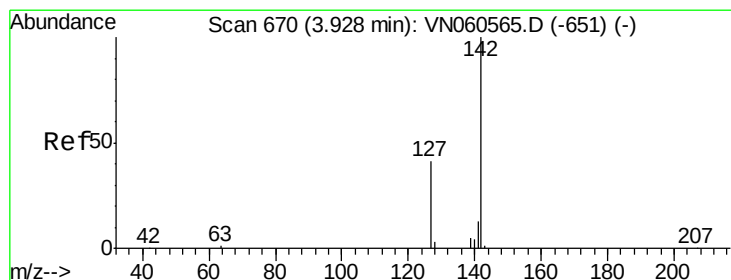
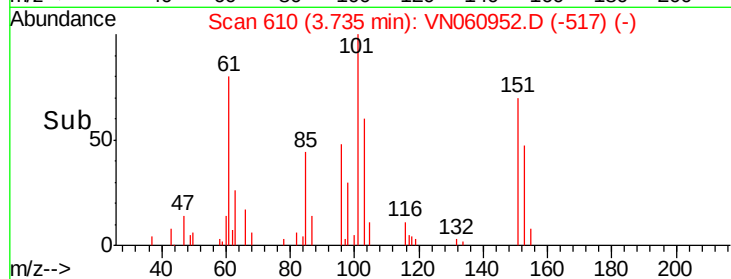
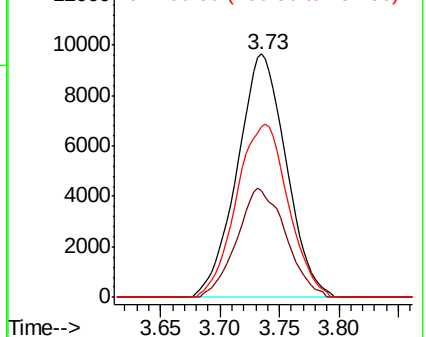
151 75.3 61.4 92.2



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: 16.507 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

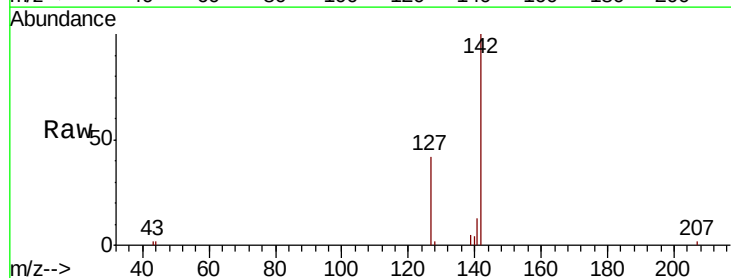
Tgt Ion:142 Resp: 20862

Ion Ratio Lower Upper

142 100

127 42.2 33.5 50.3

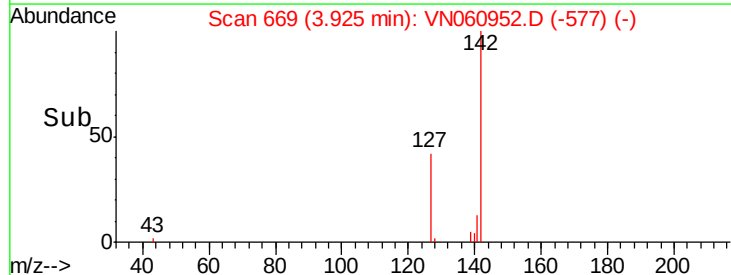
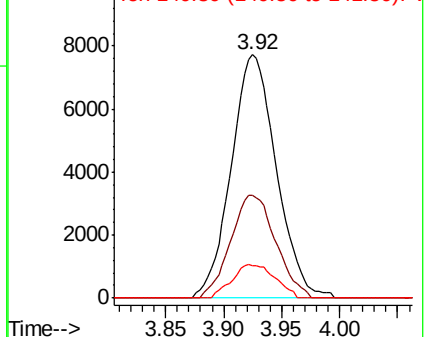
141 13.2 11.0 16.6

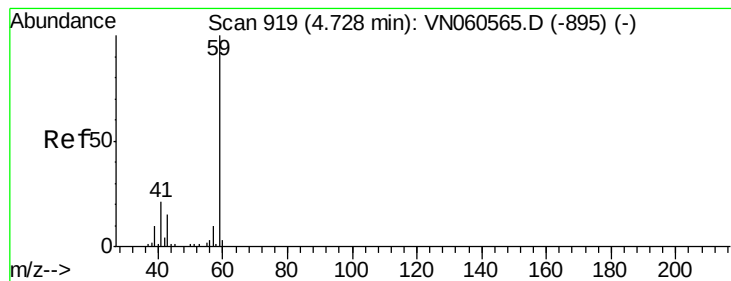


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



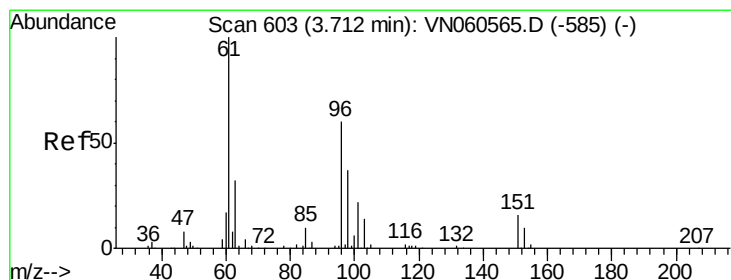
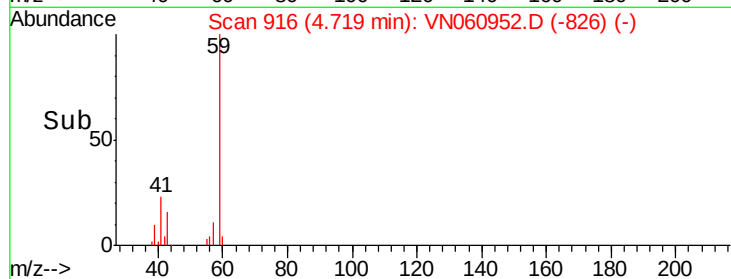
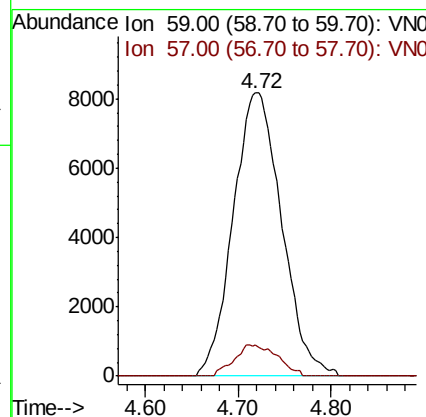
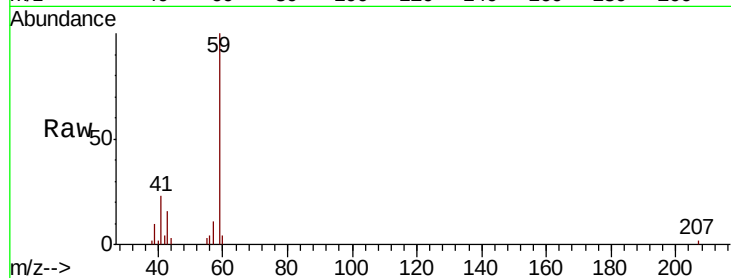


#11

Tert butyl alcohol
 Concen: 104.402 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :

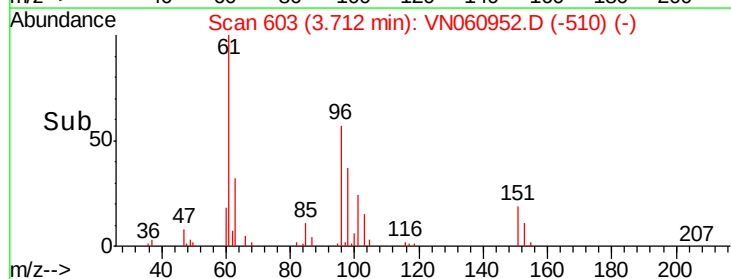
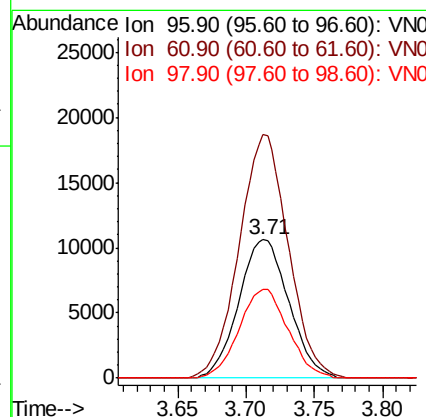
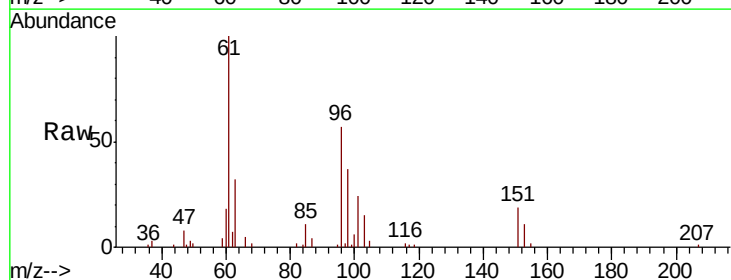
Tot Ion: 59 Resp: 29672
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4

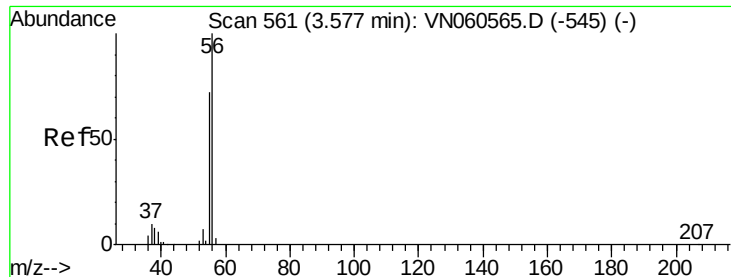


#12

1,1-Dichloroethene
 Concen: 17.795 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 96 Resp: 27122
 Ion Ratio Lower Upper
 96 100
 61 174.3 134.1 201.1
 98 64.2 49.9 74.9





#13

Acrolein

Concen: 75.289 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

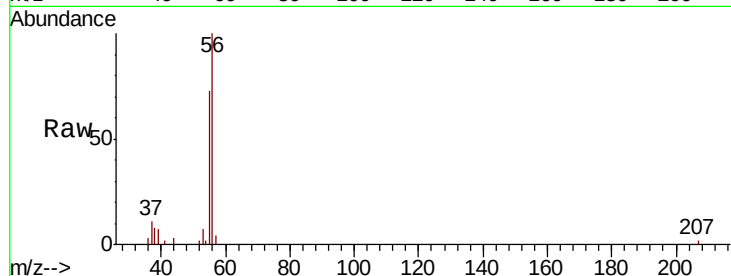
ClientSampled :

Tot Ion: 56 Resp: 23715

Ion Ratio Lower Upper

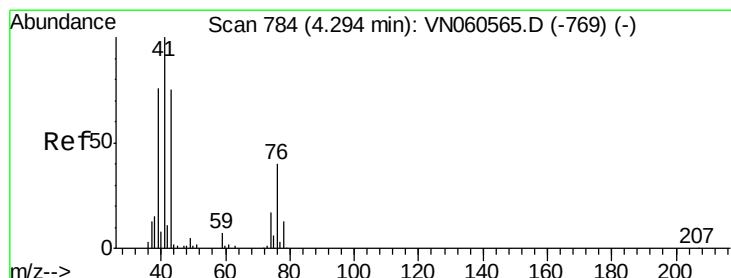
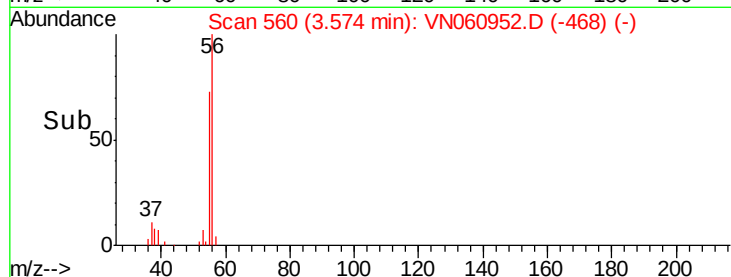
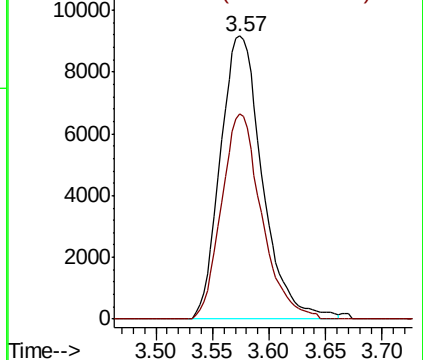
56 100

55 69.2 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.109 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

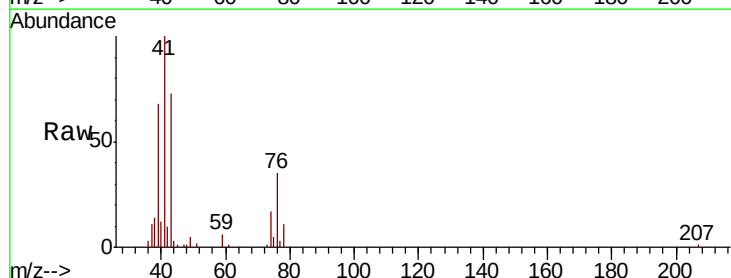
Tgt Ion: 41 Resp: 51223

Ion Ratio Lower Upper

41 100

39 69.5 57.8 86.8

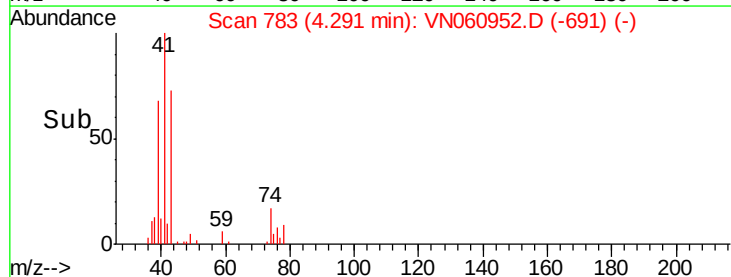
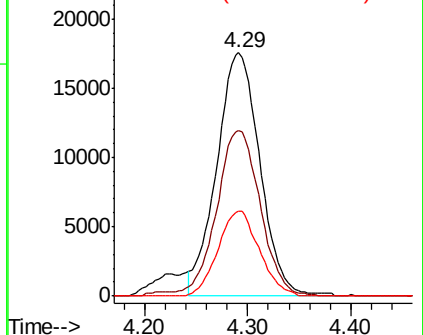
76 33.4 28.6 43.0

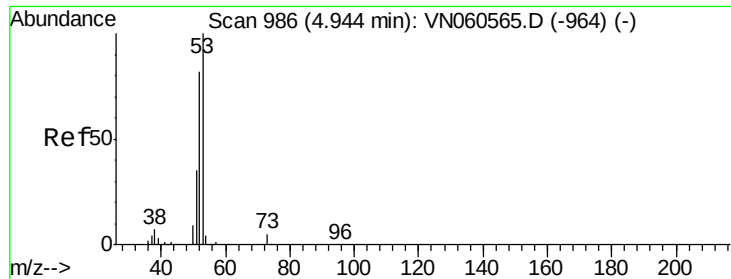


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.964 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

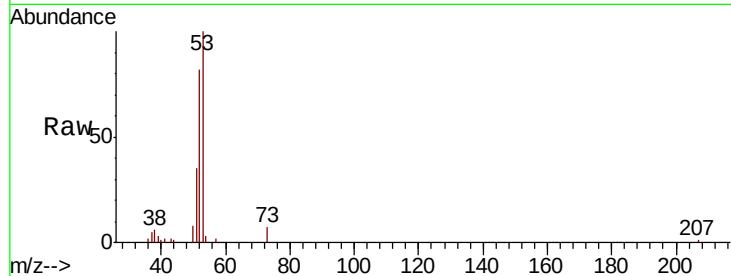
Tot Ion: 53 Resp: 82708

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

51 36.0 28.7 43.1

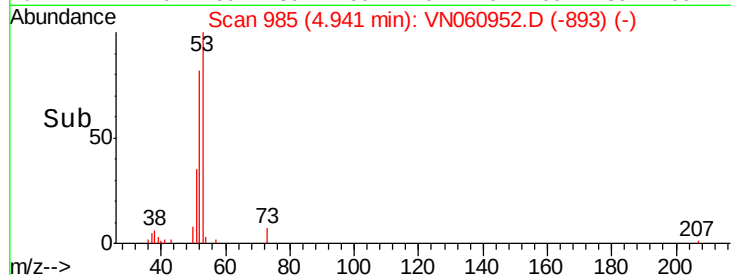


Abundance Ion 53.00 (52.70 to 53.70): VN060952.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060952.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060952.D (-964) (-)

Time-->



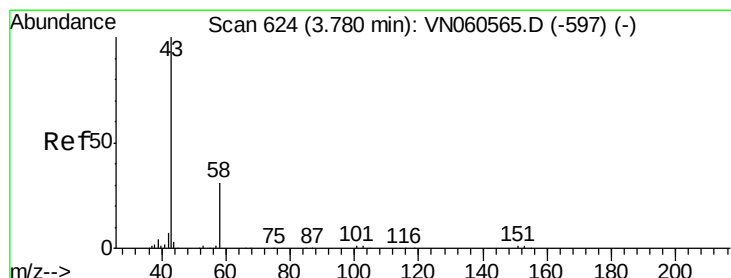
Abundance

Ion 53.00 (52.70 to 53.70): VN060952.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060952.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060952.D (-893) (-)

Time-->



#16

Acetone

Concen: 116.038 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060952.D

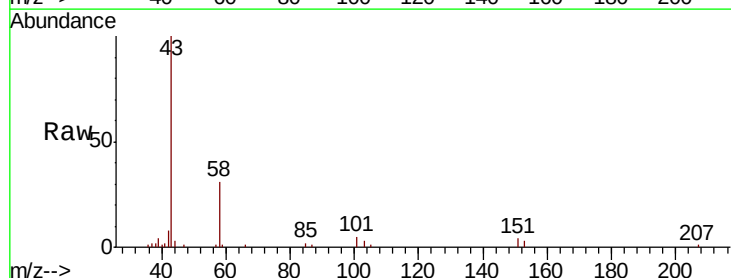
Acq: 15 Apr 2020 11:32

Tgt Ion: 43 Resp: 79431

Ion Ratio Lower Upper

43 100

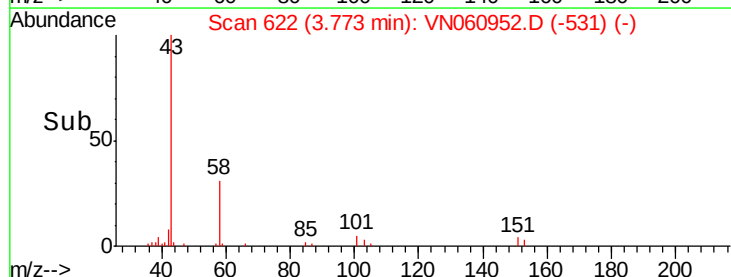
58 31.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060952.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060952.D (-597) (-)

Time-->

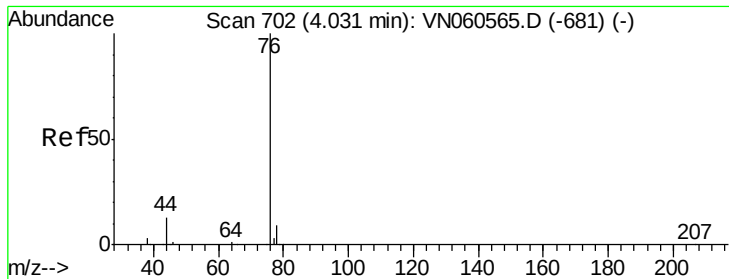


Abundance

Ion 43.00 (42.70 to 43.70): VN060952.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060952.D (-531) (-)

Time-->



#17

Carbon Disulfide

Concen: 15.653 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

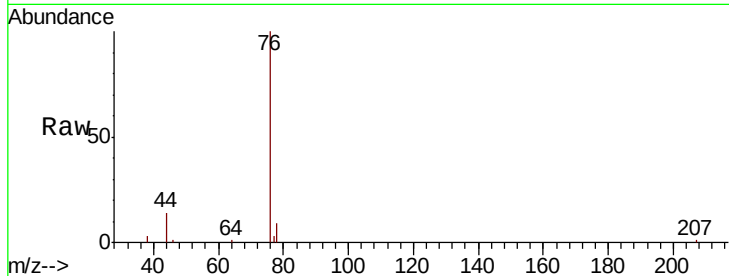
ClientSampled :

Tot Ion: 76 Resp: 72556

Ion Ratio Lower Upper

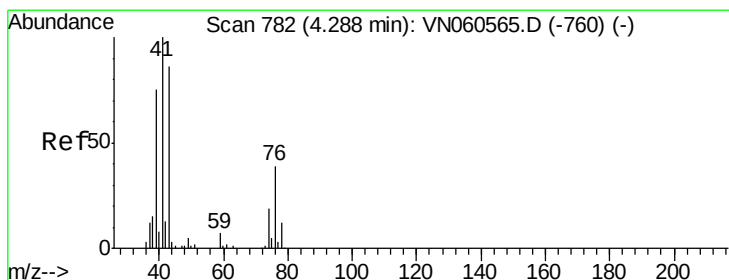
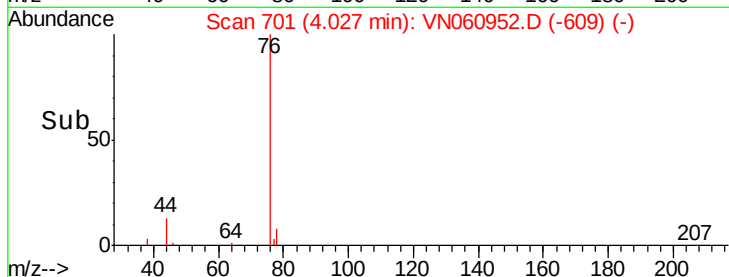
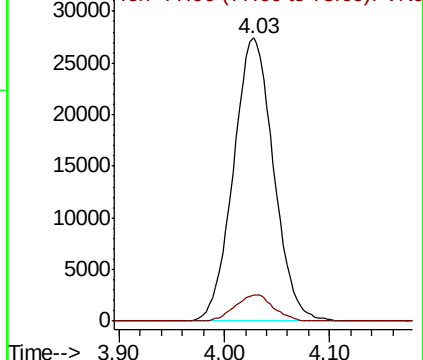
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.669 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060952.D

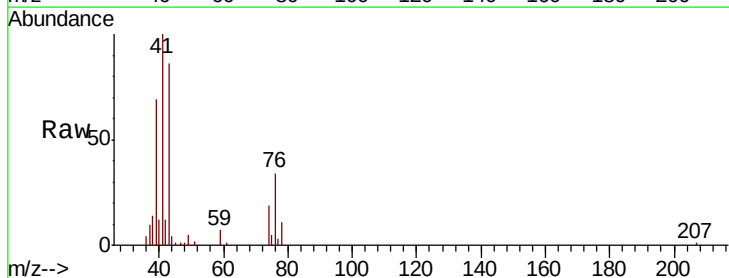
Acq: 15 Apr 2020 11:32

Tgt Ion: 43 Resp: 41752

Ion Ratio Lower Upper

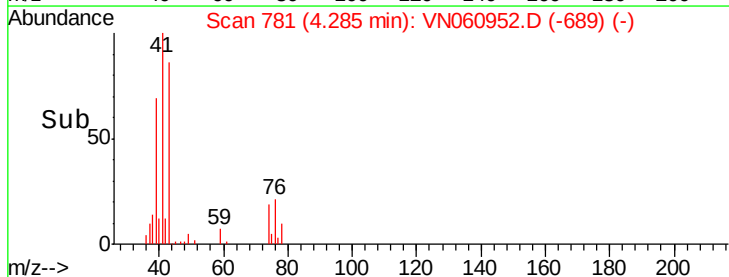
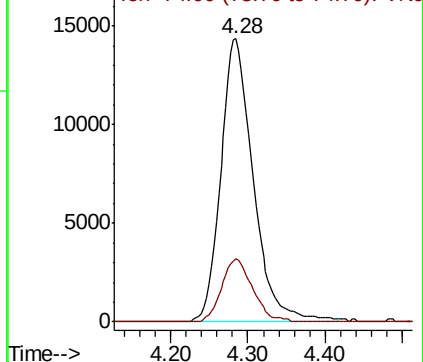
43 100

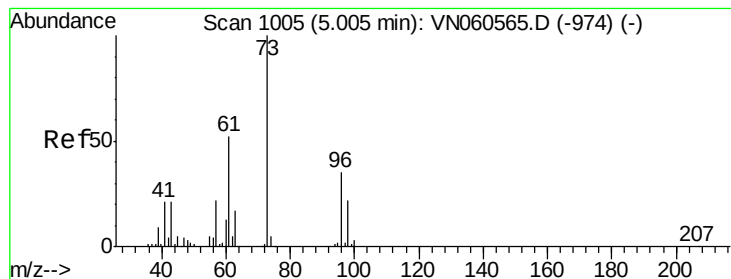
74 21.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



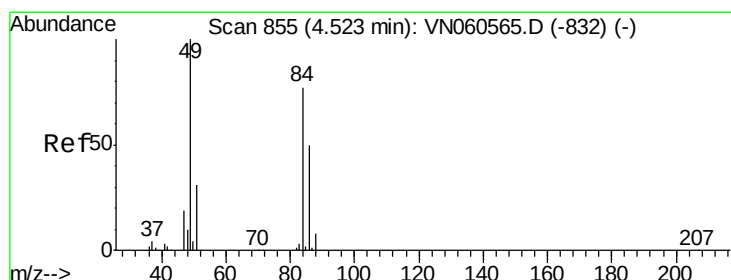
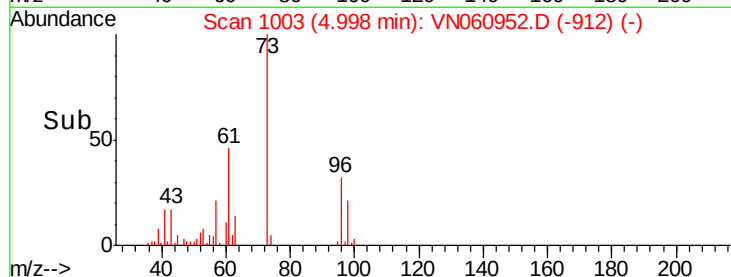
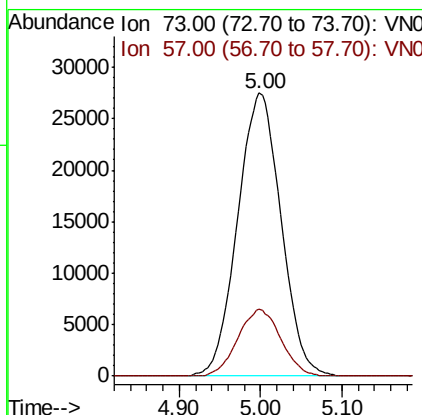
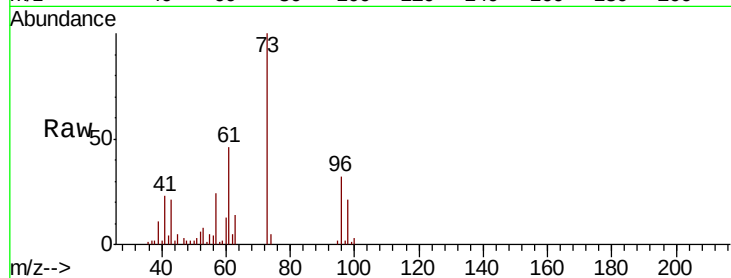


#19

Methyl tert-butyl Ether
 Concen: 19.346 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :

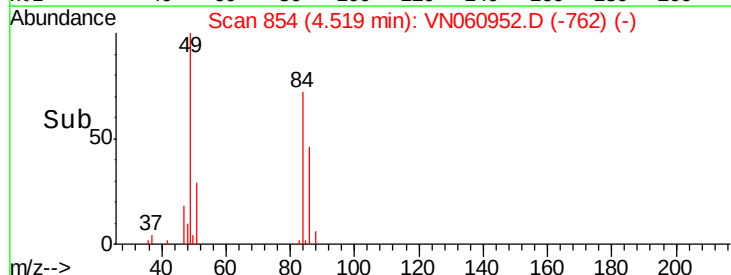
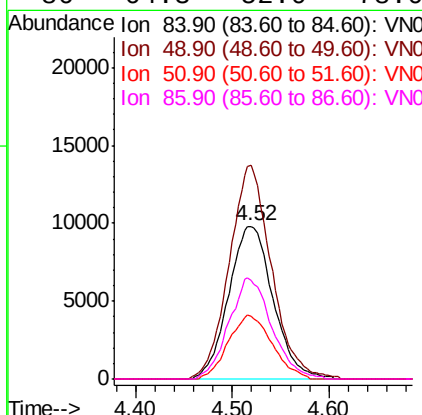
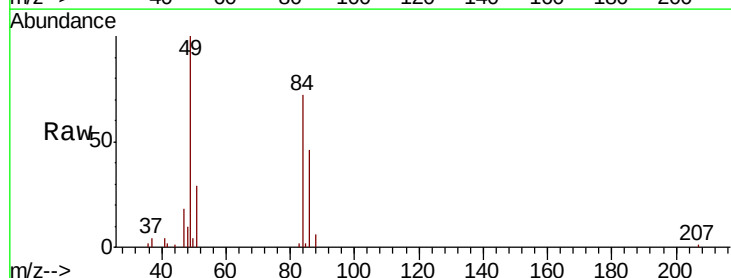
Tot Ion: 73 Resp: 101374
 Ion Ratio Lower Upper
 73 100
 57 23.8 17.5 26.3

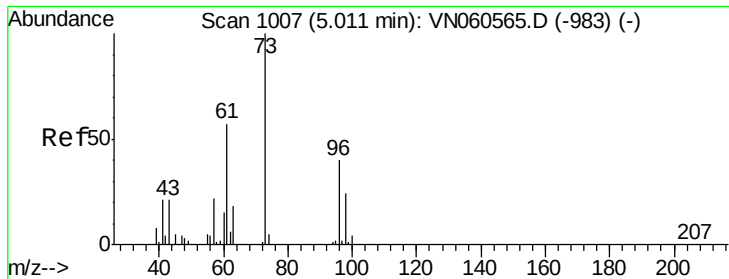


#20

Methylene Chloride
 Concen: 18.631 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 84 Resp: 31373
 Ion Ratio Lower Upper
 84 100
 49 139.6 103.3 154.9
 51 40.6 31.6 47.4
 86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.940 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

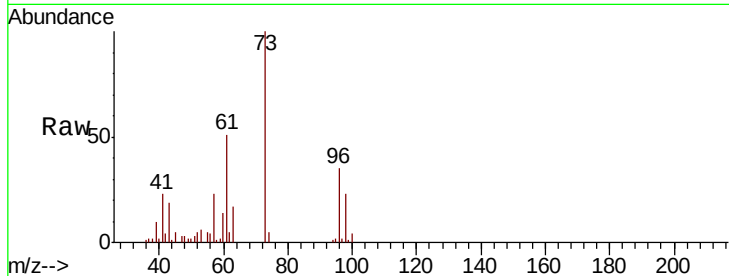
Tot Ion: 96 Resp: 29141

Ion Ratio Lower Upper

96 100

61 143.9 114.4 171.6

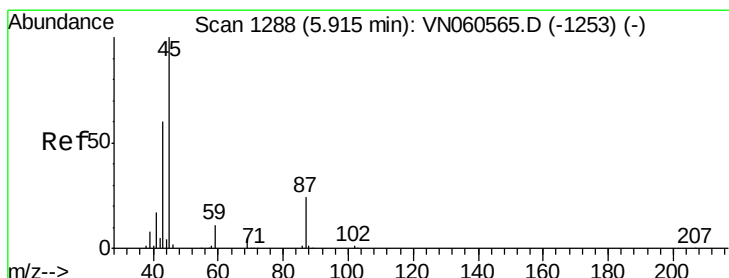
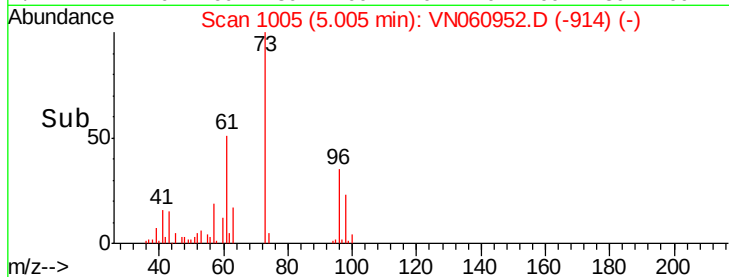
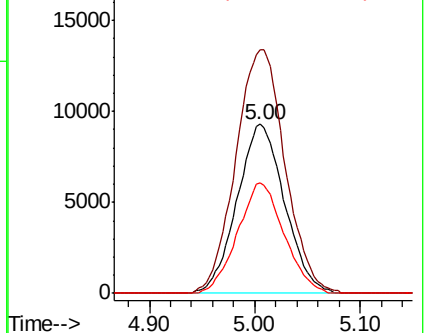
98 65.5 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060952.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN060952.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN060952.D (-983) (-)



#22

Diisopropyl ether

Concen: 20.309 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Tgt Ion: 45 Resp: 115018

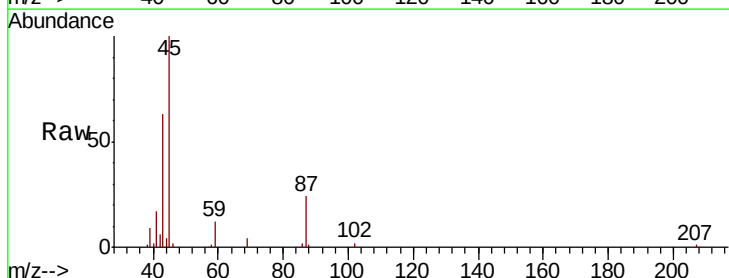
Ion Ratio Lower Upper

45 100

43 61.4 49.8 74.8

87 24.1 20.1 30.1

59 12.0 9.2 13.8

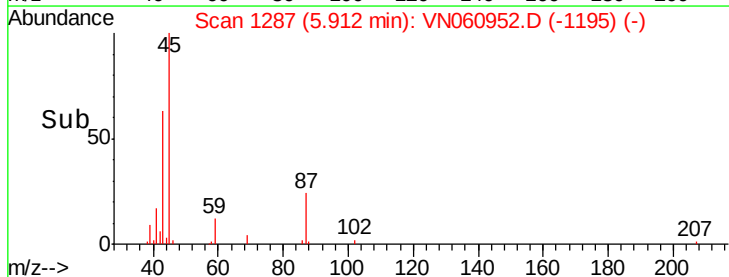
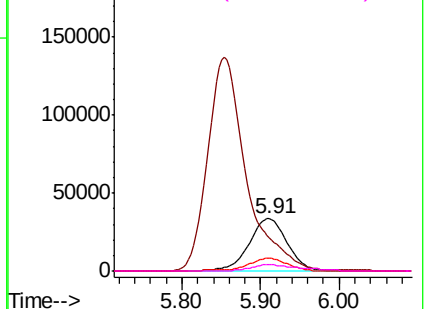


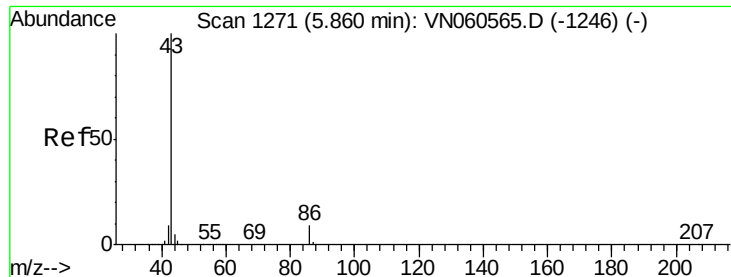
Abundance Ion 45.00 (44.70 to 45.70): VN060952.D (-1253) (-)

Ion 43.00 (42.70 to 43.70): VN060952.D (-1253) (-)

Ion 87.00 (86.70 to 87.70): VN060952.D (-1253) (-)

Ion 59.00 (58.70 to 59.70): VN060952.D (-1253) (-)





#23

Vinyl Acetate

Concen: 100.634 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

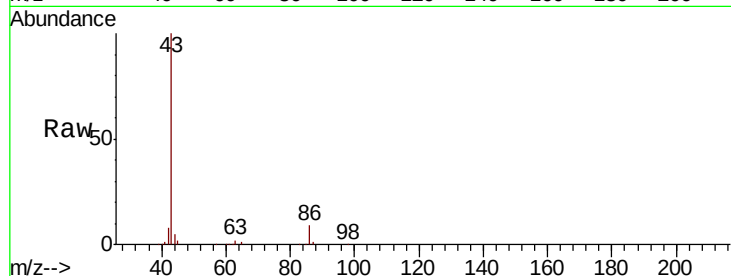
ClientSampled :

Tot Ion: 43 Resp: 465009

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060952.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060952.D (-1178) (-)

5.85

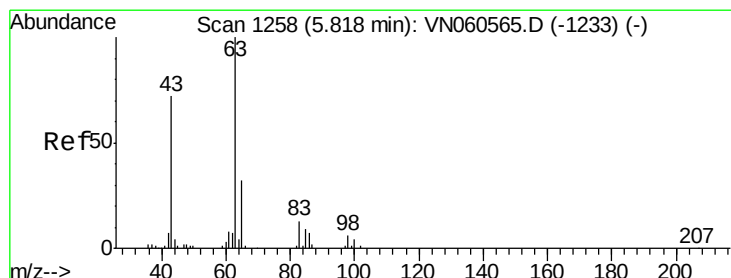
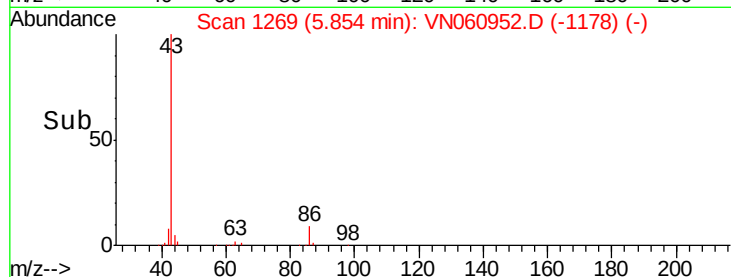
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.753 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

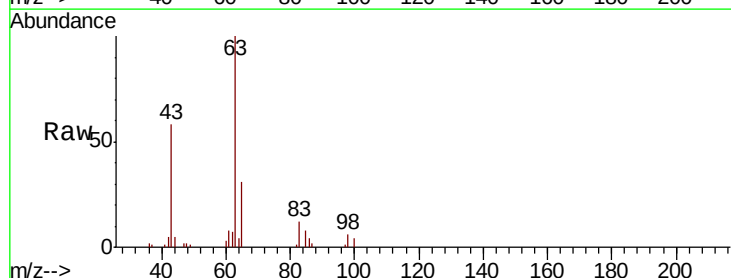
Tgt Ion: 63 Resp: 60985

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060952.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060952.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060952.D (-1165) (-)

25000

20000

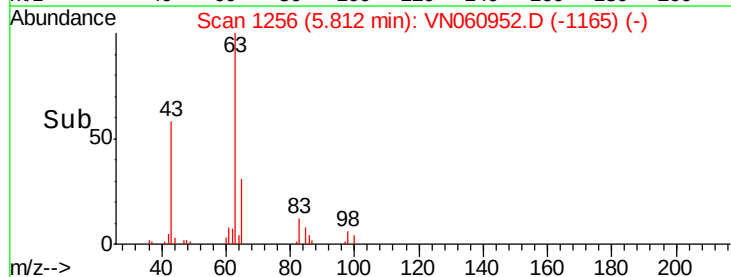
15000

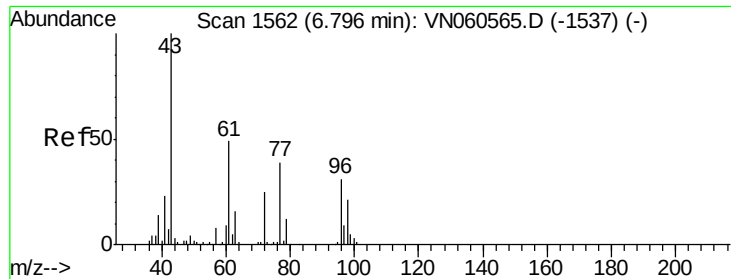
10000

5000

0

Time-->





#25

2-Butanone

Concen: 104.687 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

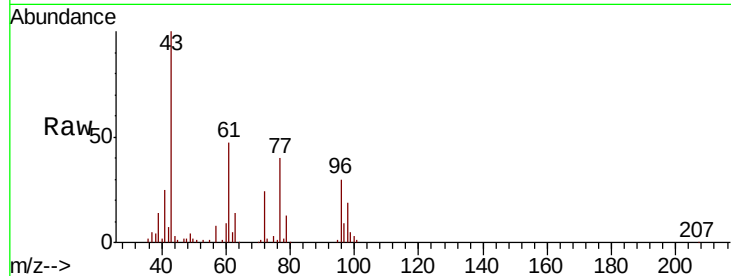
ClientSampled :

Tot Ion: 43 Resp: 115960

Ion Ratio Lower Upper

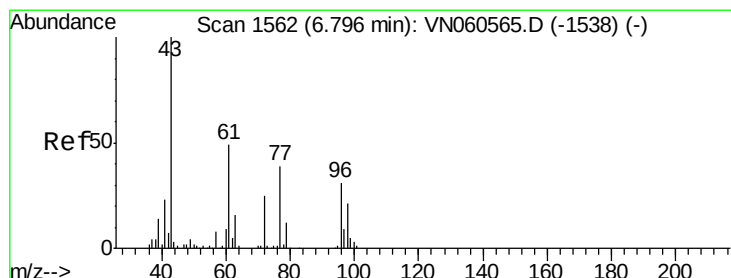
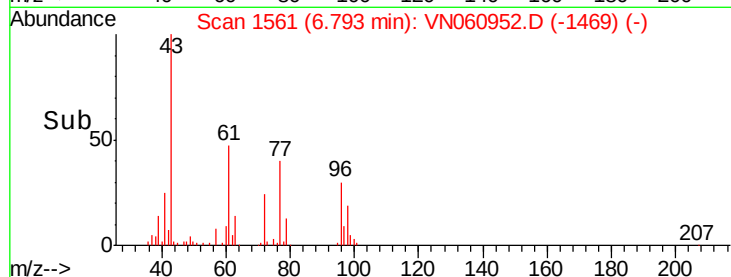
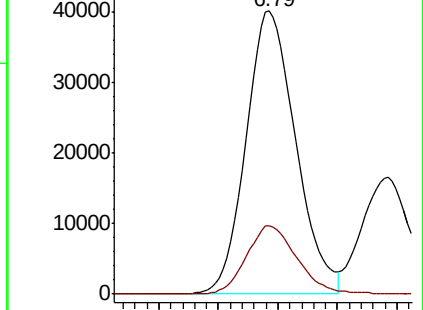
43 100

72 24.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN060565.D (-1537) (-)



#26

2,2-Dichloropropane

Concen: 21.278 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060952.D

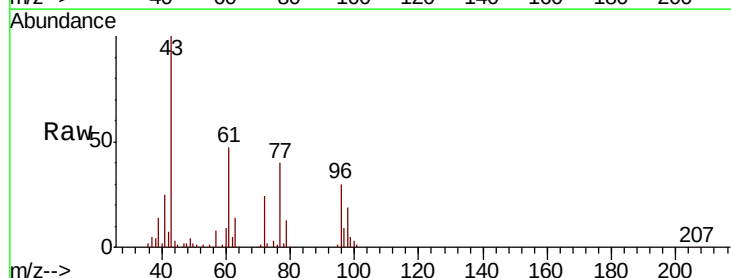
Acq: 15 Apr 2020 11:32

Tgt Ion: 77 Resp: 51687

Ion Ratio Lower Upper

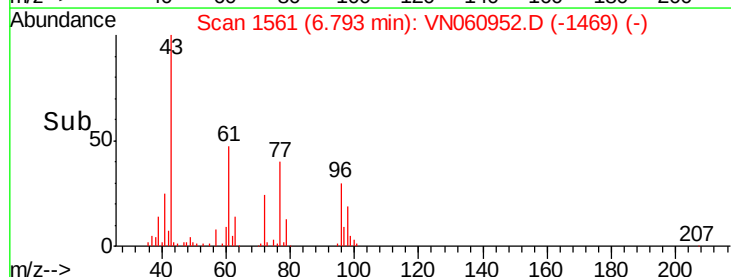
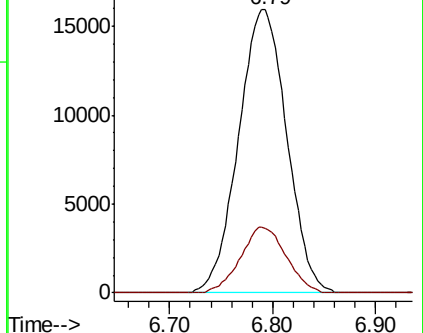
77 100

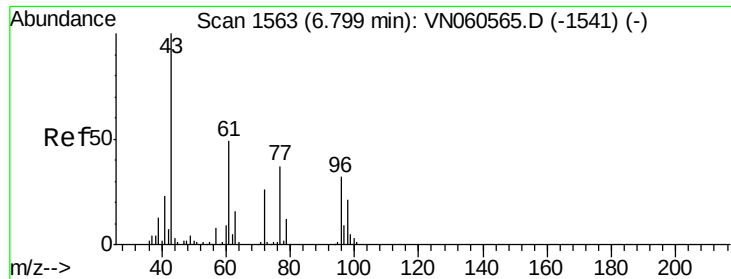
97 22.0 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN060565.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060565.D (-1538) (-)

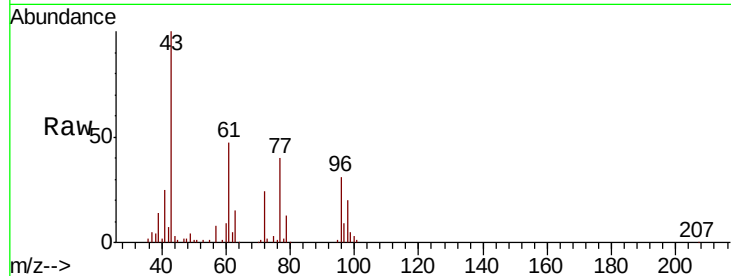




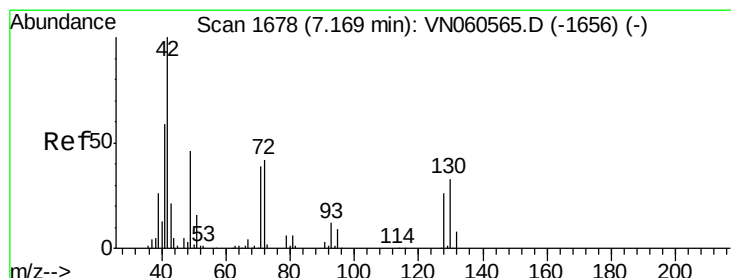
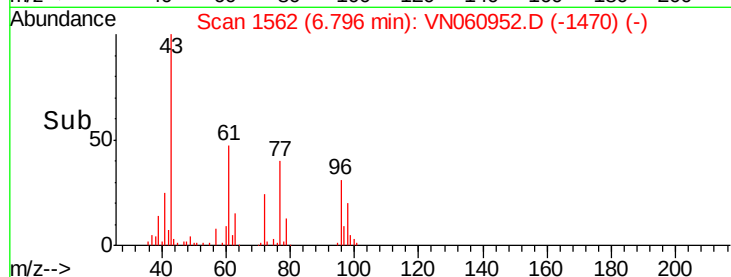
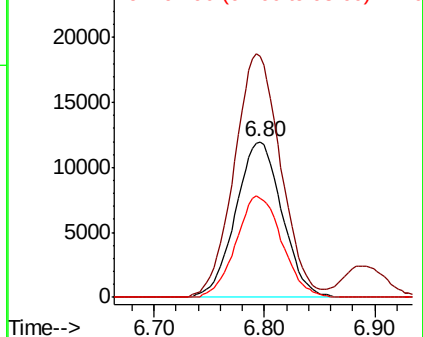
#27
 cis-1,2-Dichloroethene
 Concen: 18.852 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 34800
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 305.6
 98 64.5 0.0 127.6

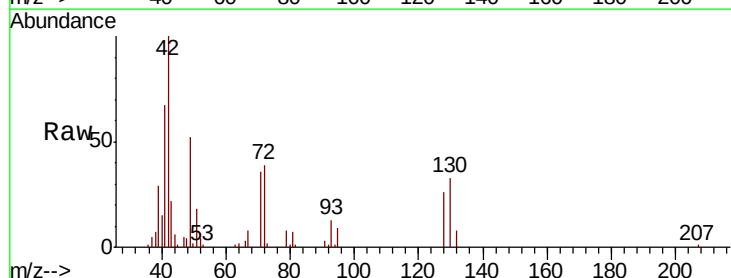


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

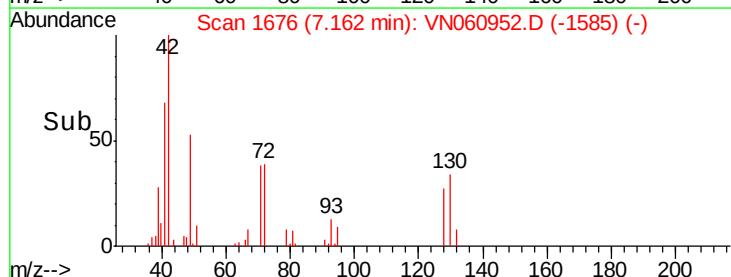
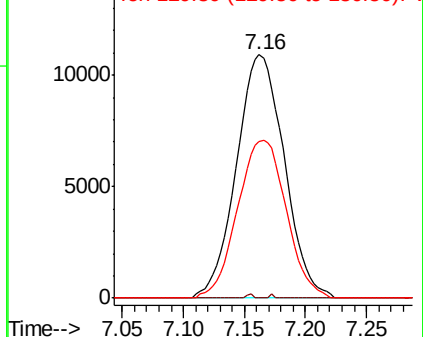


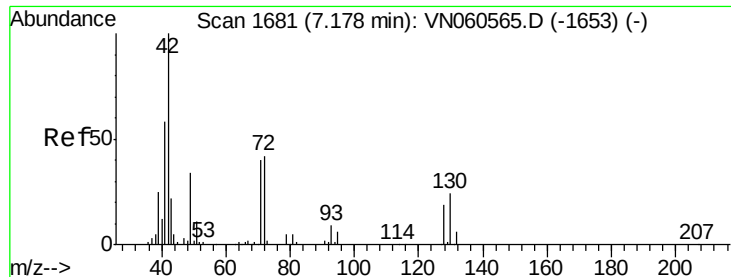
#28
 Bromochloromethane
 Concen: 20.152 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 49 Resp: 29767
 Ion Ratio Lower Upper
 49 100
 129 0.1 0.0 3.4
 130 65.6 55.0 82.4



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

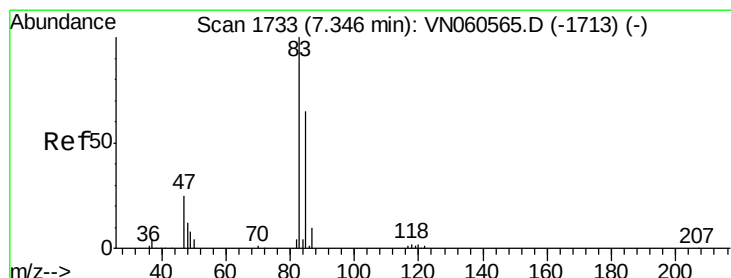
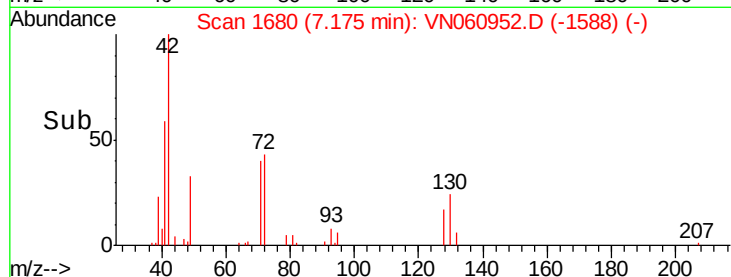
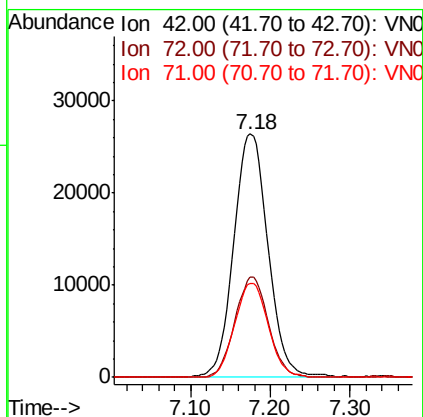
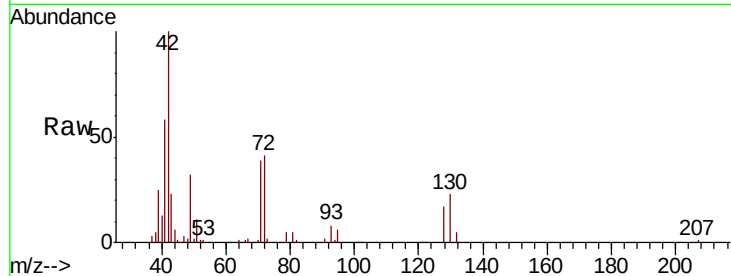




#29
Tetrahydrofuran
Concen: 97.842 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

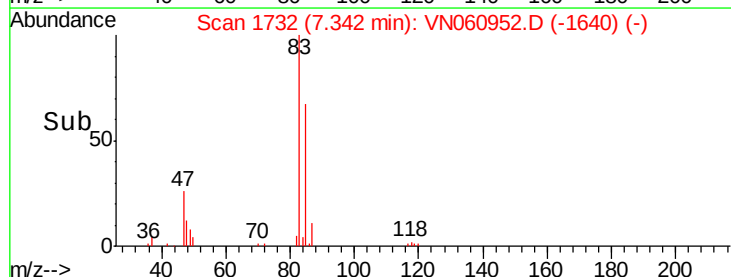
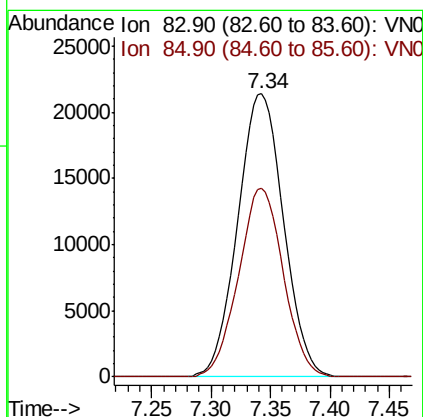
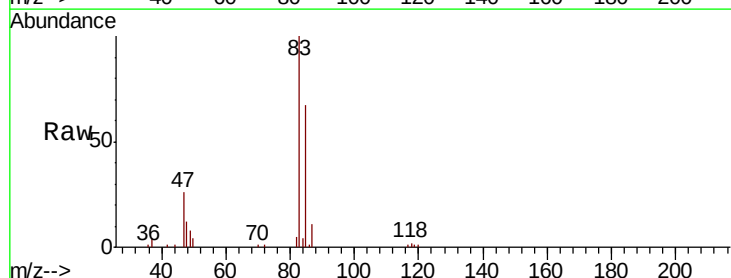
Instrument :
MSVOA_N
ClientSampleId :

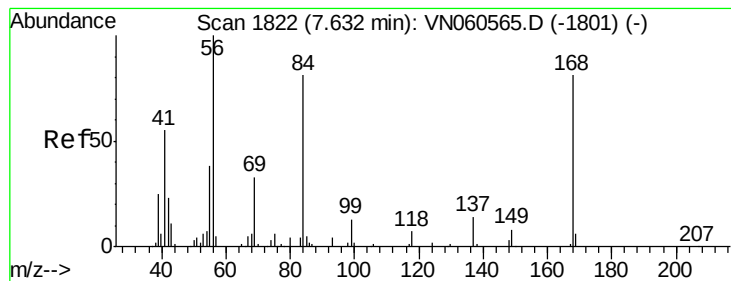
Tot Ion: 42 Resp: 76682
Ion Ratio Lower Upper
42 100
72 39.9 33.2 49.8
71 37.8 31.1 46.7



#30
Chloroform
Concen: 19.256 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 83 Resp: 56993
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8





#31

Cyclohexane

Concen: 17.621 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

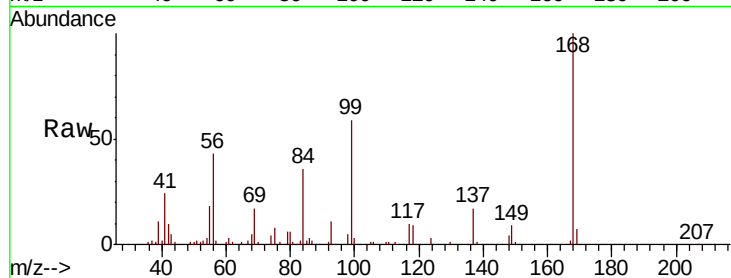
Tot Ion: 56 Resp: 54847

Ion Ratio Lower Upper

56 100

69 38.6 26.6 40.0

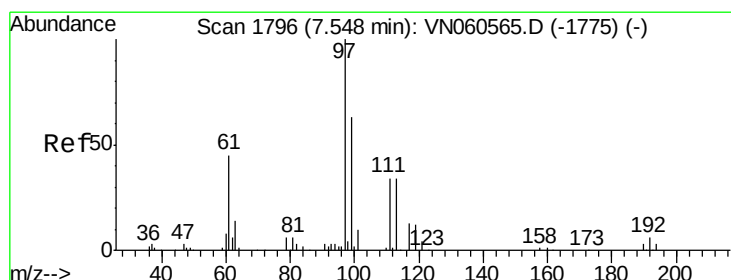
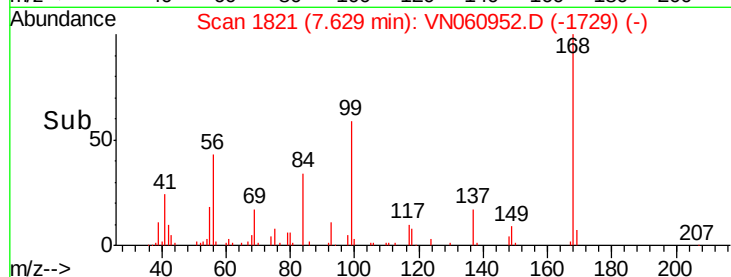
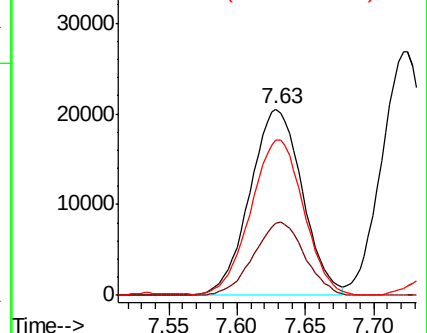
84 83.2 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060952.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060952.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060952.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 19.079 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

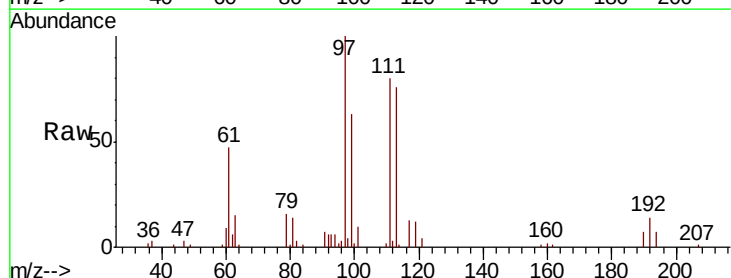
Tgt Ion: 97 Resp: 48680

Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

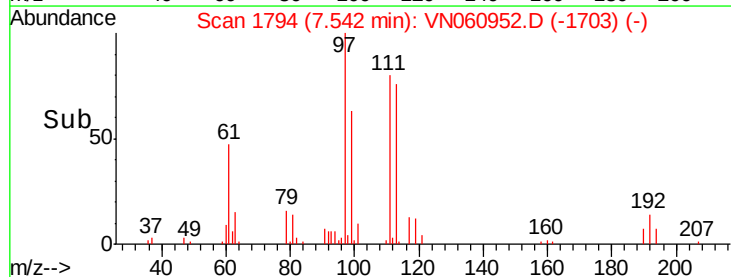
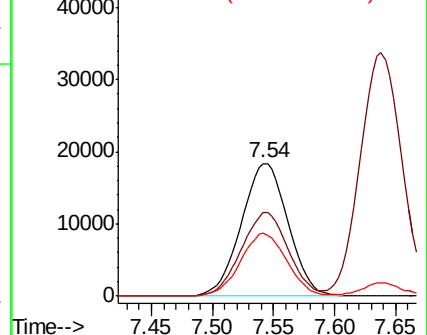
61 47.0 36.2 54.4

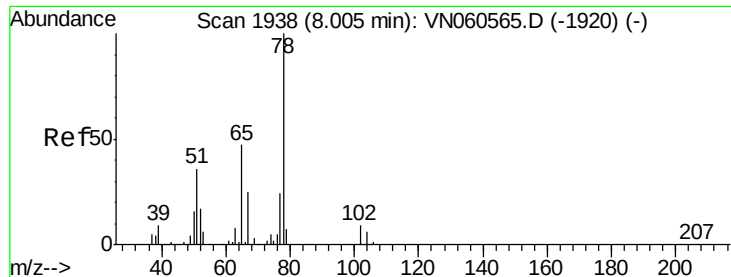


Abundance Ion 96.90 (96.60 to 97.60): VN060952.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060952.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060952.D (-1703) (-)

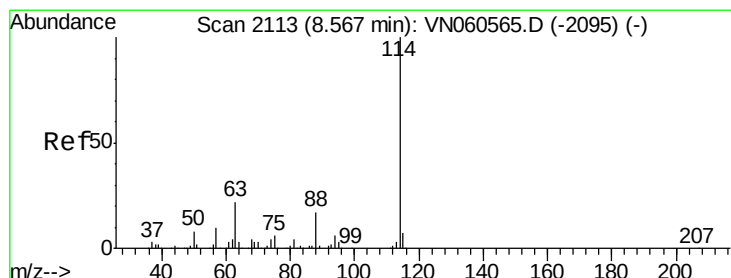
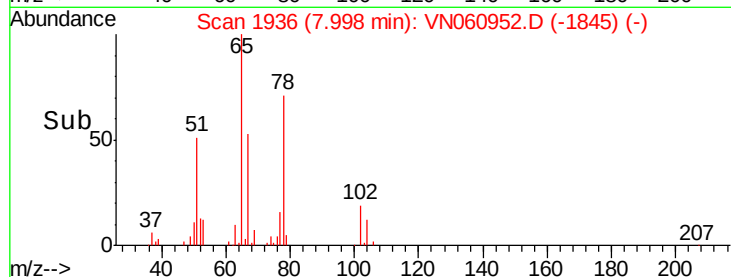
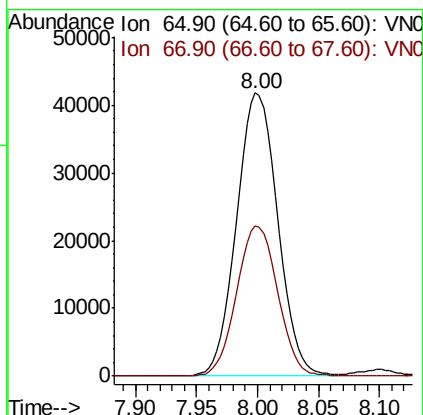
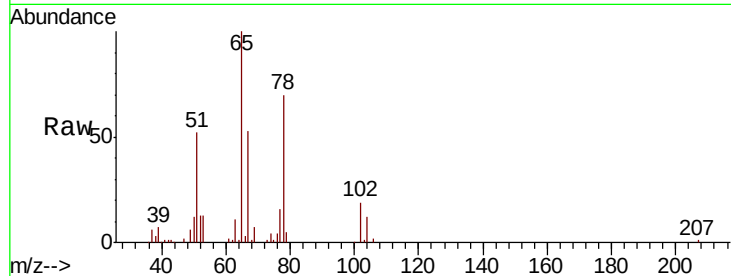




#33
 1,2-Dichloroethane-d4
 Concen: 50.617 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

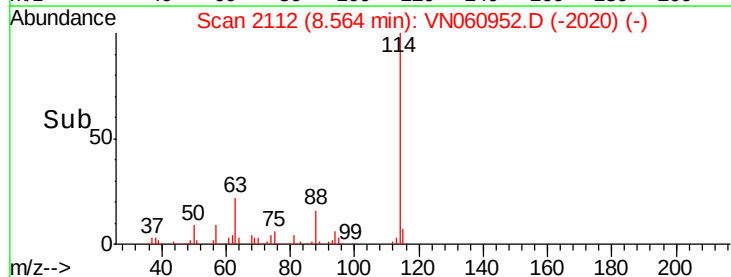
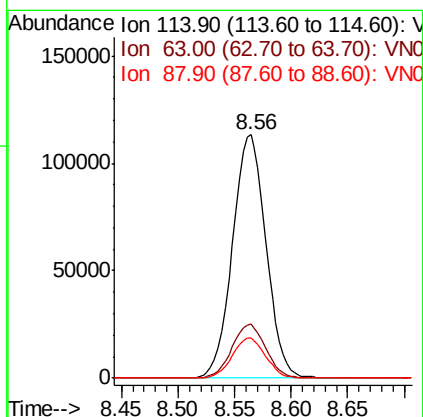
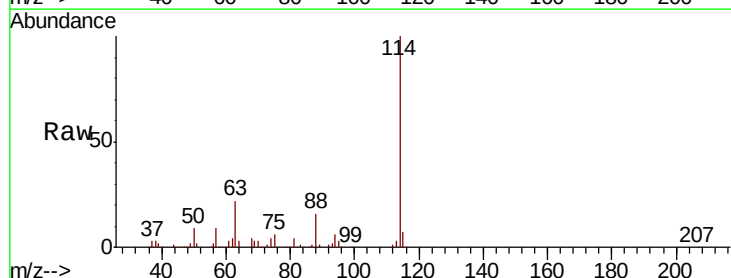
Instrument :
 MSVOA_N
 ClientSampled :

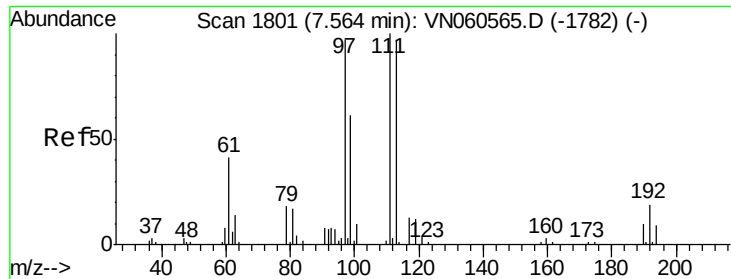
Tot Ion: 65 Resp: 97816
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 114 Resp: 233686
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.5 0.0 33.0

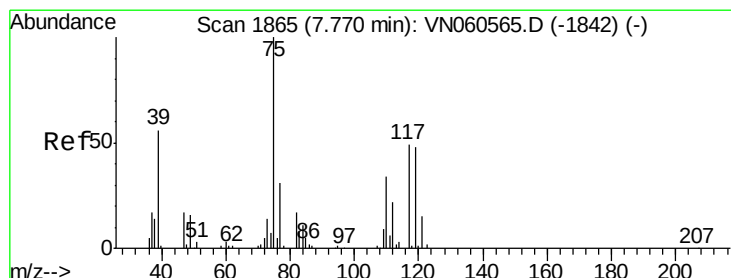
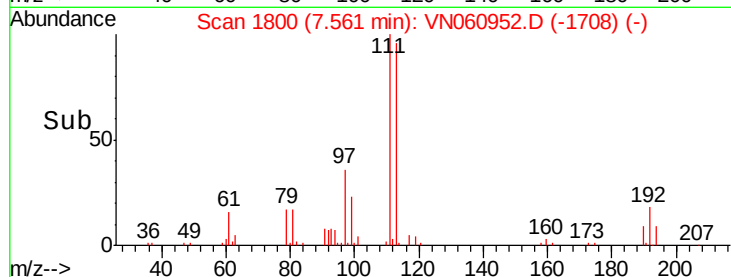
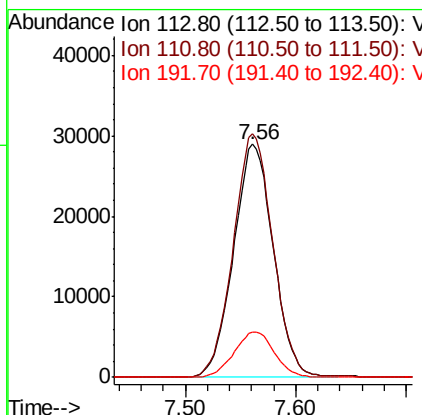
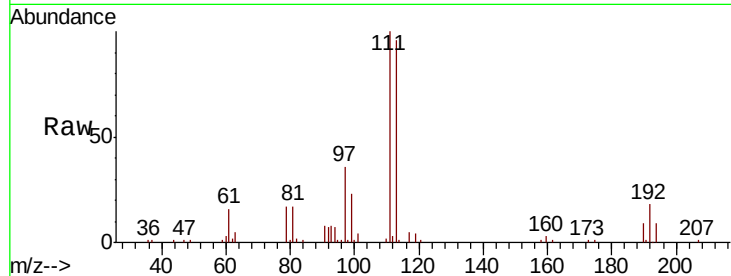




#35
 Dibromofluoromethane
 Concen: 51.266 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

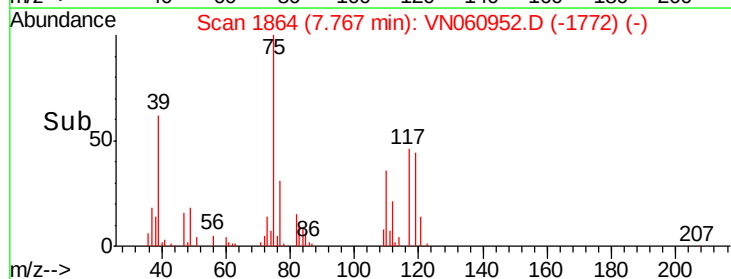
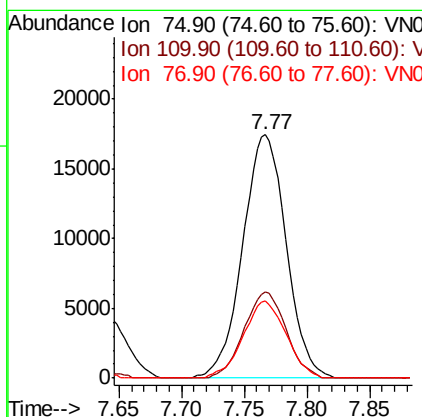
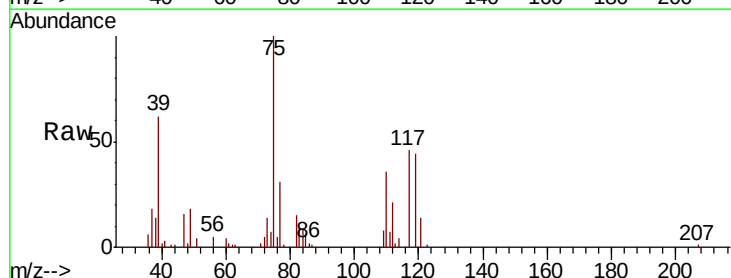
Instrument :
 MSVOA_N
 ClientSampleId :

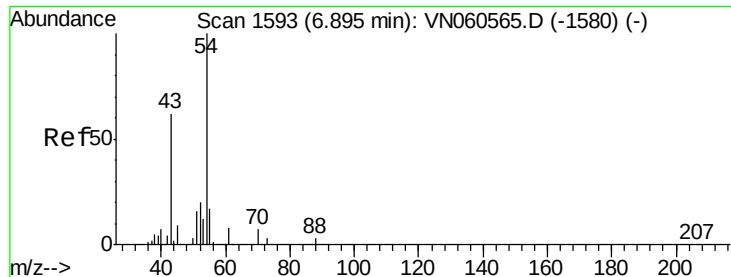
Tot Ion:113 Resp: 72440
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 18.622 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 75 Resp: 42138
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 31.3 24.6 36.8

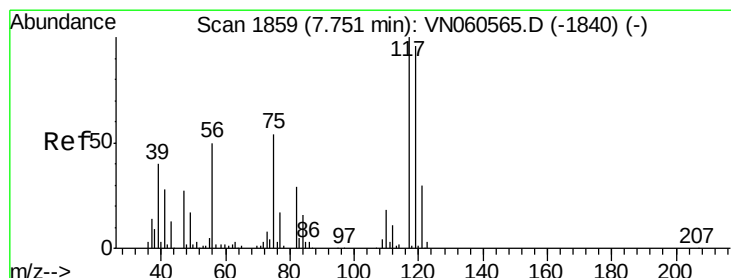
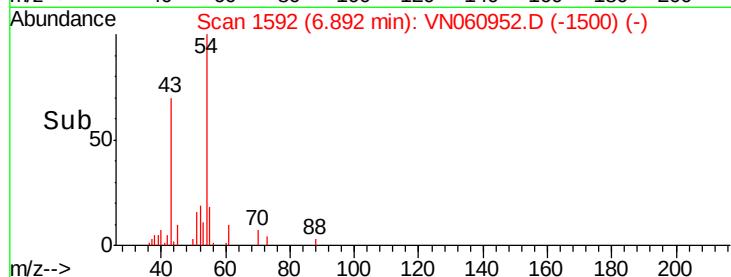
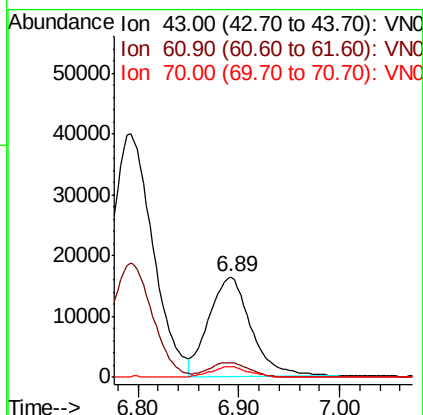
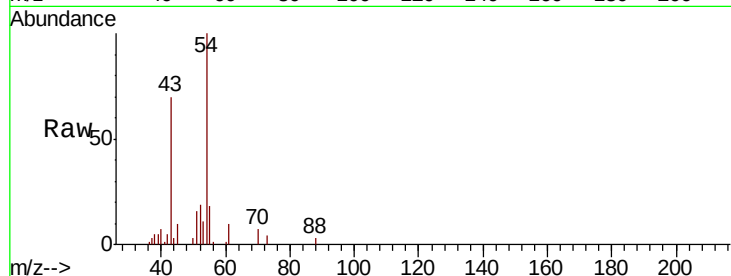




#37
Ethyl Acetate
Concen: 19.456 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

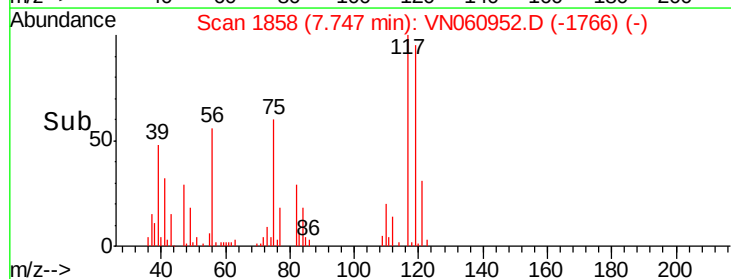
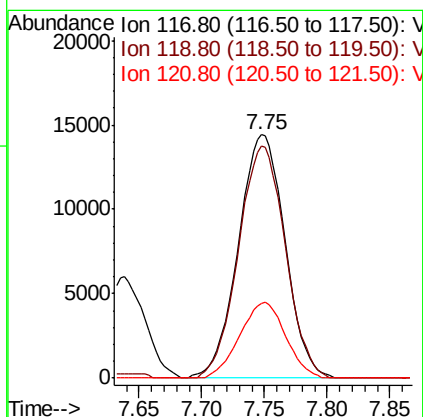
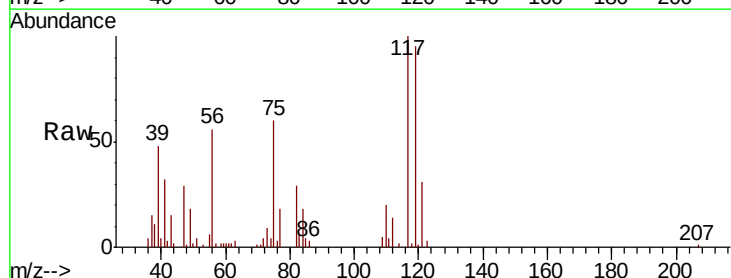
Instrument :
MSVOA_N
ClientSampled :

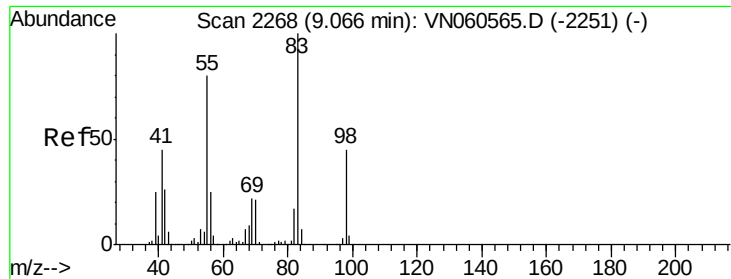
Tot Ion: 43 Resp: 47571
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.390 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 117 Resp: 37296
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 30.7 23.7 35.5

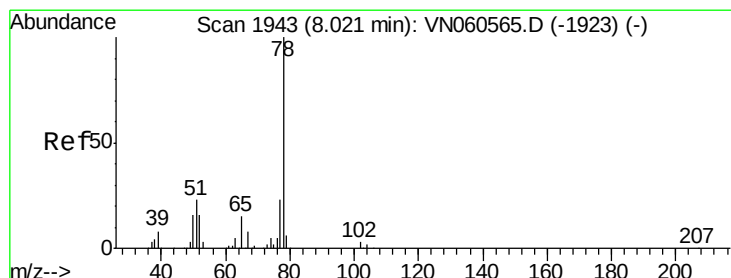
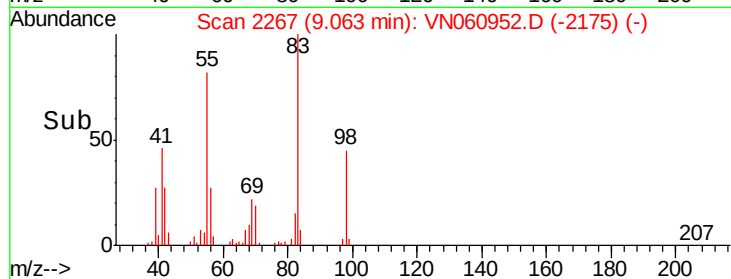
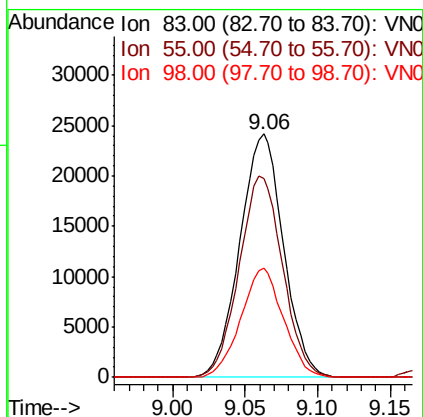
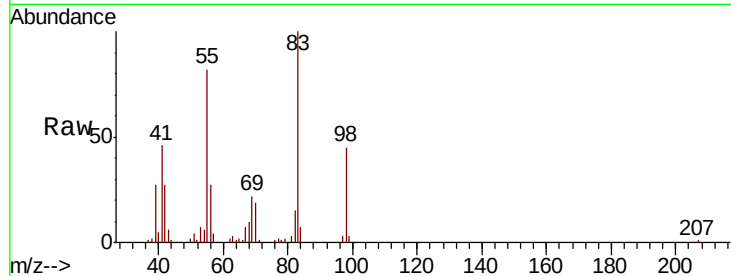




#39
Methylvlcyclohexane
Concen: 18.805 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

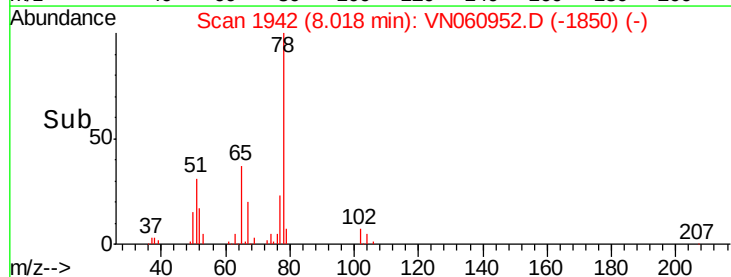
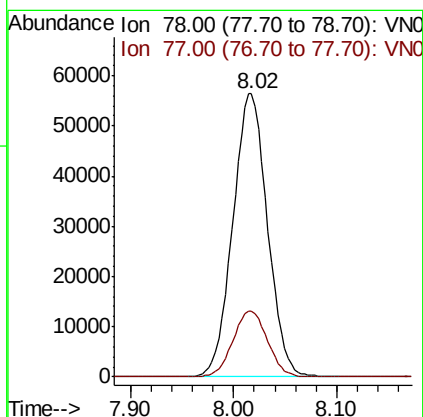
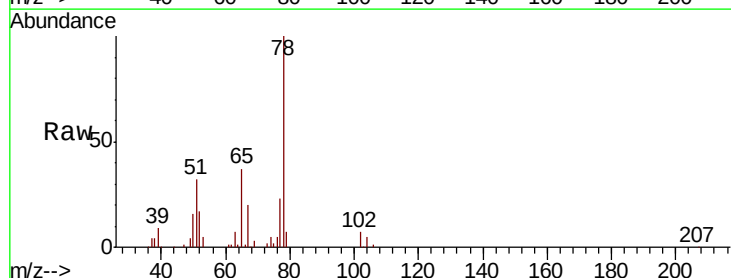
Instrument :
MSVOA_N
ClientSampleId :

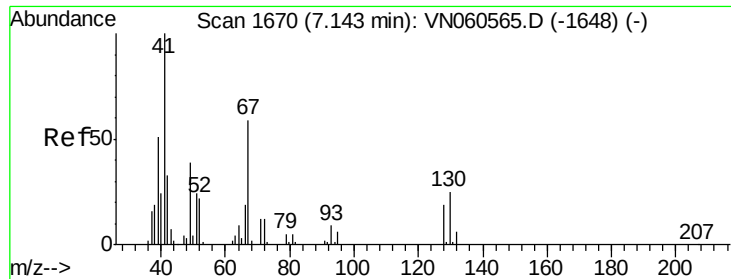
Tot Ion: 83 Resp: 50567
Ion Ratio Lower Upper
83 100
55 81.7 63.6 95.4
98 45.0 36.0 54.0



#40
Benzene
Concen: 19.269 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 78 Resp: 131621
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

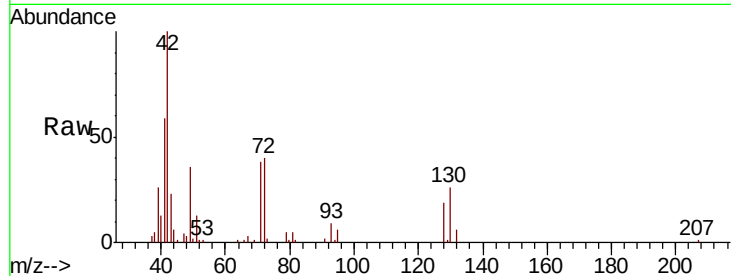




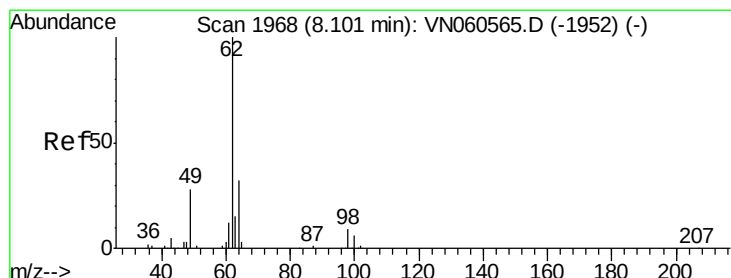
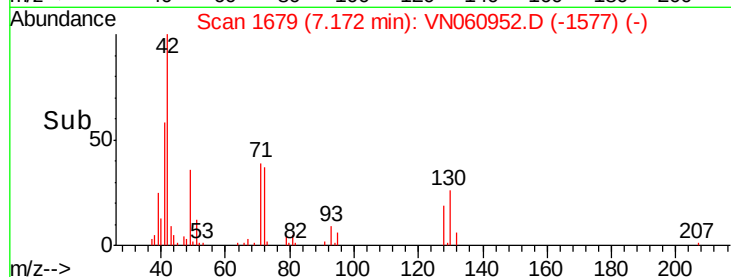
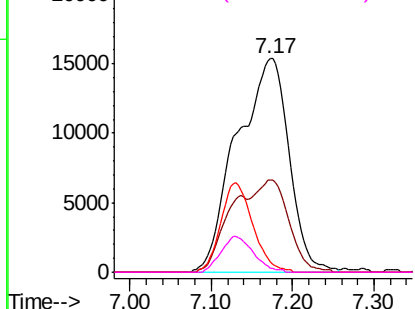
#41
Methacrylonitrile
Concen: 65.751 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	68609
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

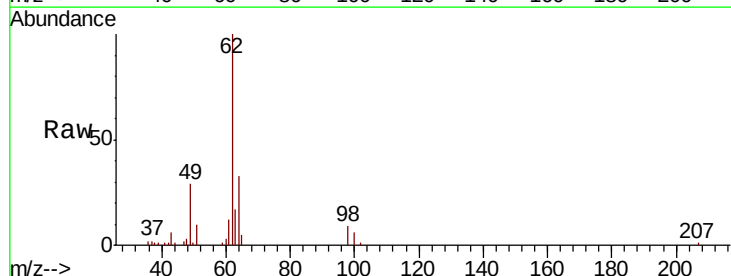


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

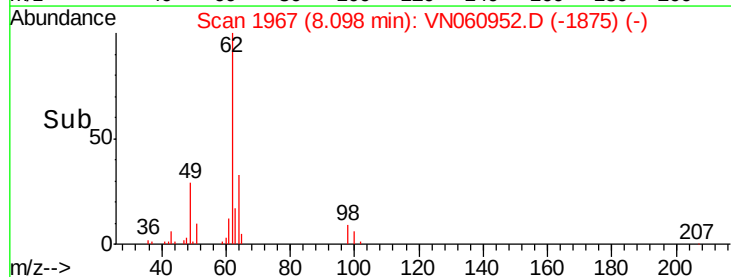
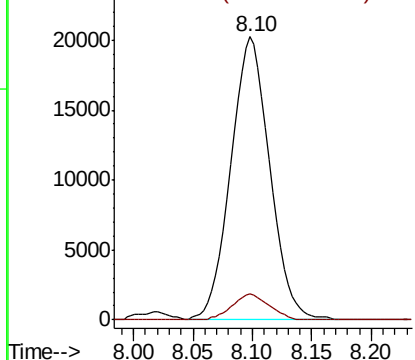


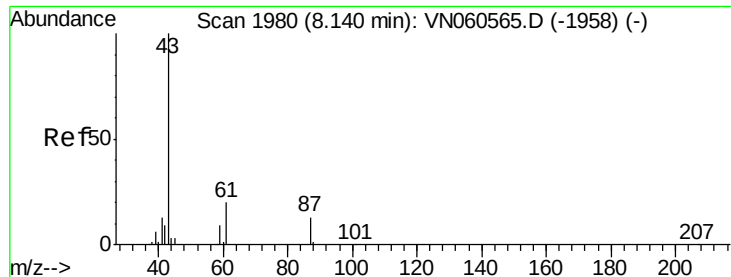
#42
1,2-Dichloroethane
Concen: 19.675 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion:	62	Resp:	45931
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.122 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

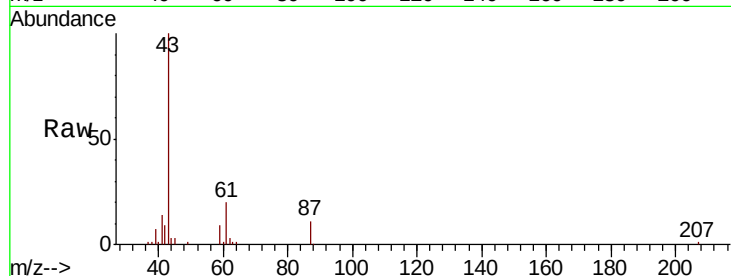
Tot Ion: 43 Resp: 81138

Ion Ratio Lower Upper

43 100

61 25.7 20.7 31.1

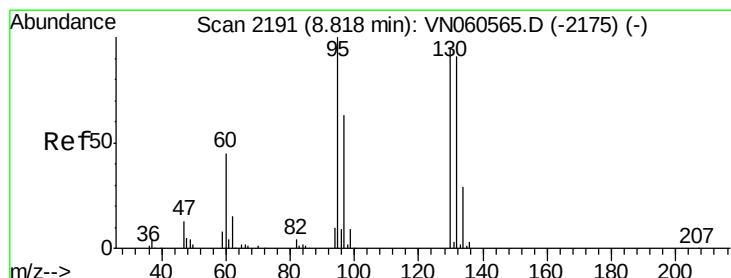
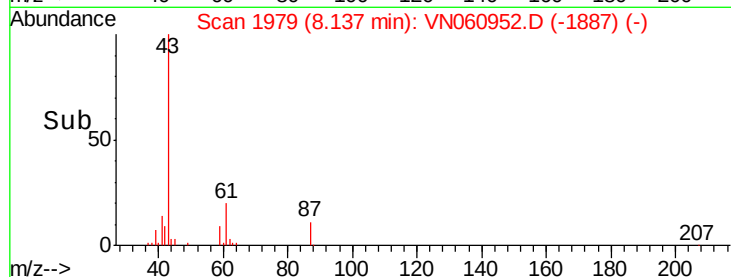
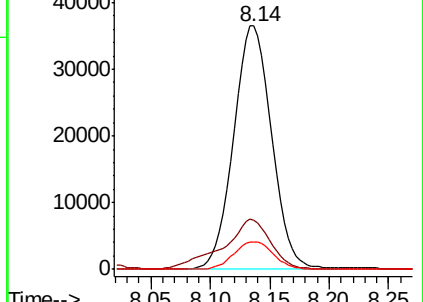
87 11.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 18.726 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060952.D

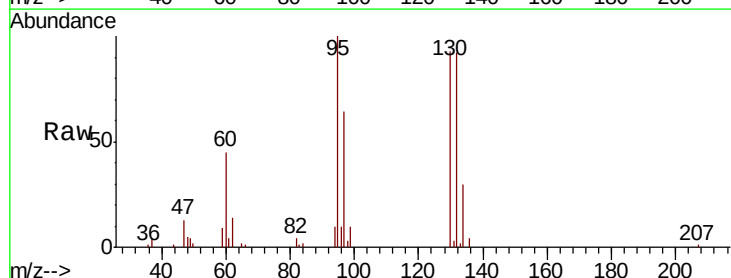
Acq: 15 Apr 2020 11:32

Tgt Ion: 130 Resp: 32246

Ion Ratio Lower Upper

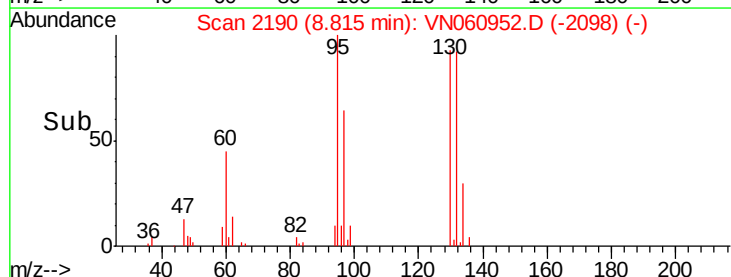
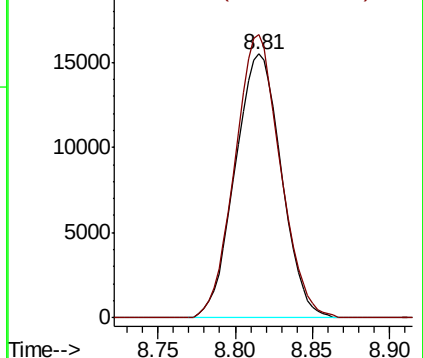
130 100

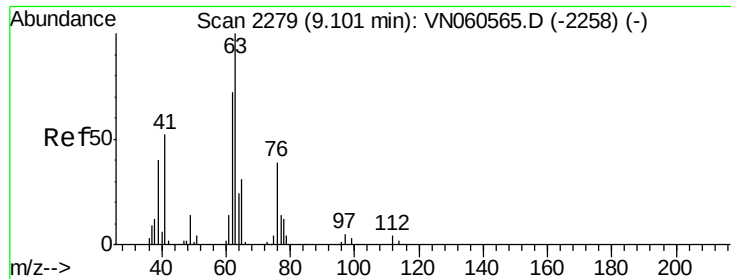
95 107.3 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

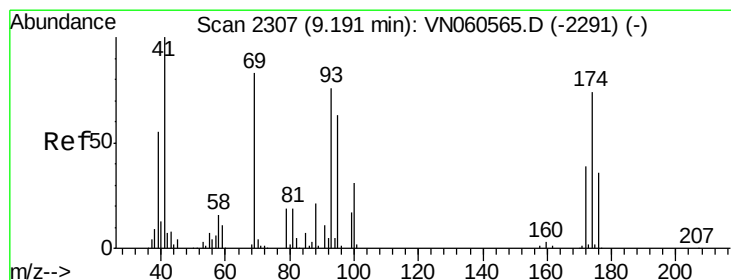
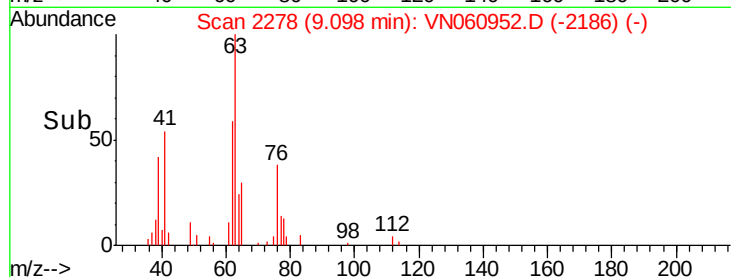
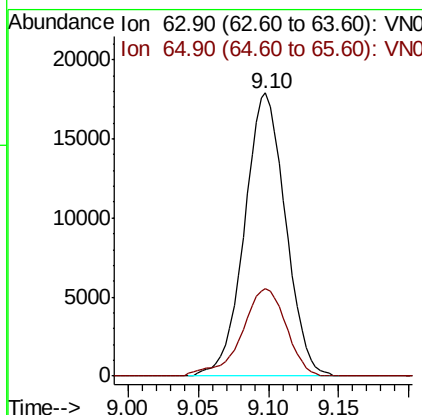
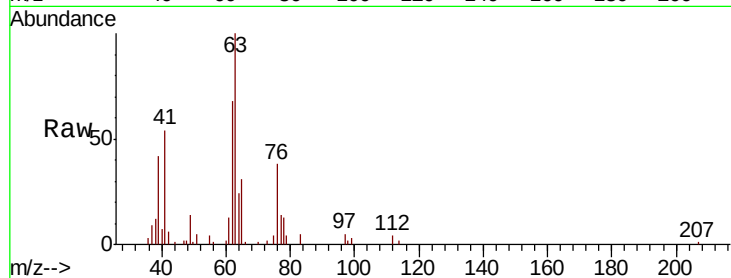




#45
 1,2-Dichloropropane
 Concen: 20.204 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

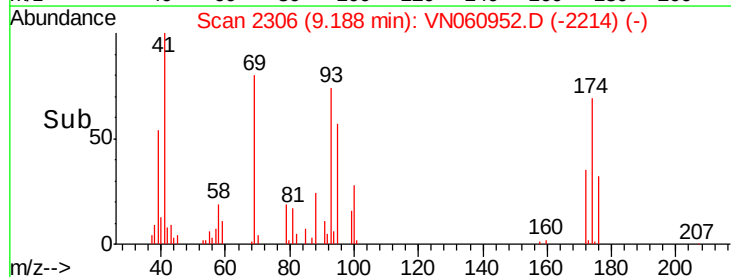
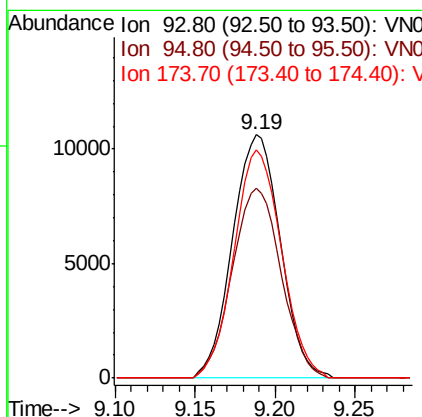
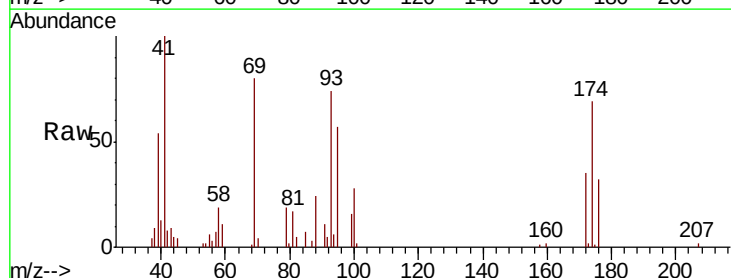
Instrument :
 MSVOA_N
 ClientSampled :

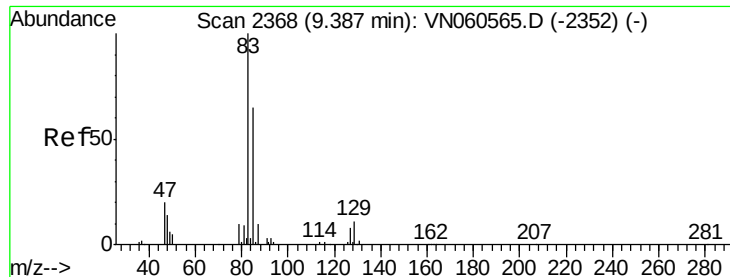
Tot Ion: 63 Resp: 36417
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.0



#46
 Dibromomethane
 Concen: 19.890 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 93 Resp: 21674
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.2 99.4
 174 93.0 77.9 116.9





#47

Bromodichloromethane

Concen: 19.530 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

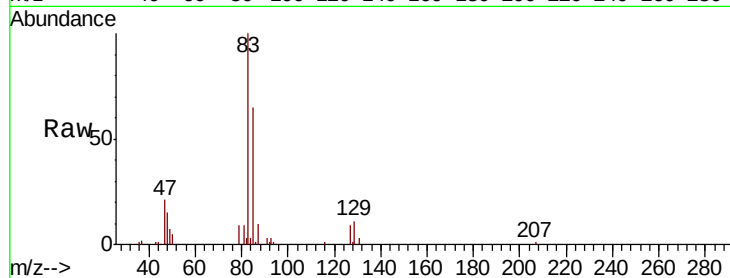
Tot Ion: 83 Resp: 44223

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

127 8.9 6.5 9.7

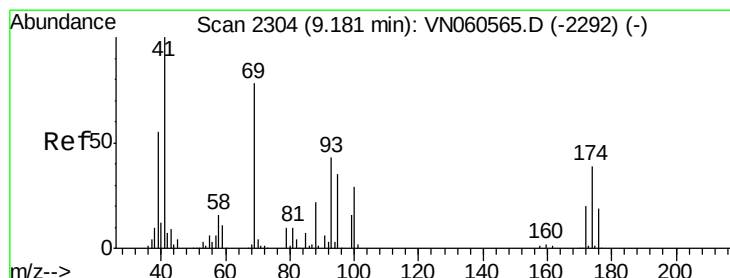
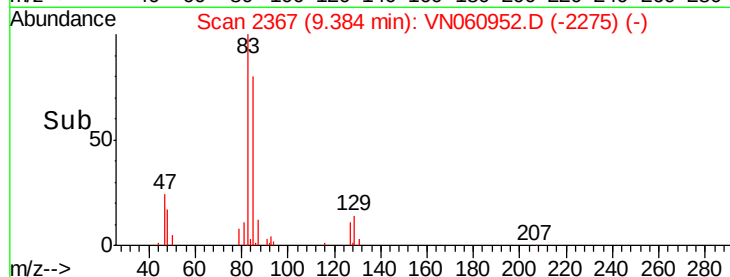


Abundance Ion 82.90 (82.60 to 83.60): VN060952.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060952.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060952.D (-2275) (-)

Time-->



#48

Methyl methacrylate

Concen: 19.537 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

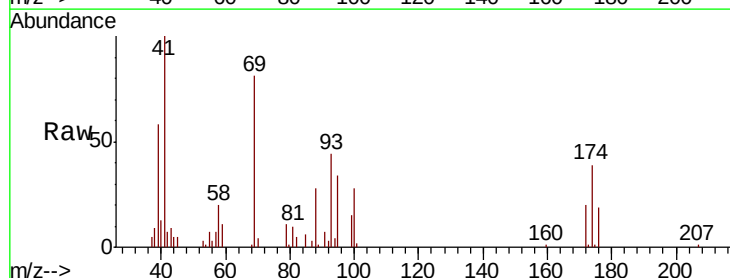
Tgt Ion: 41 Resp: 35074

Ion Ratio Lower Upper

41 100

69 80.5 65.4 98.0

39 57.9 44.0 66.0

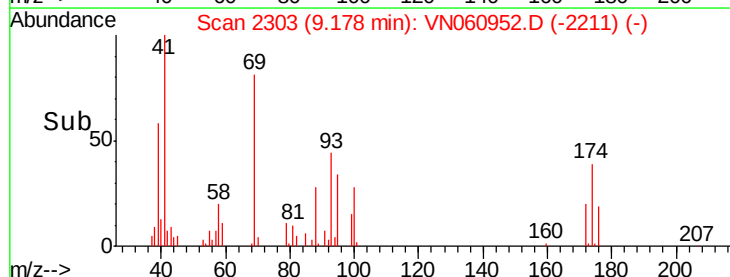


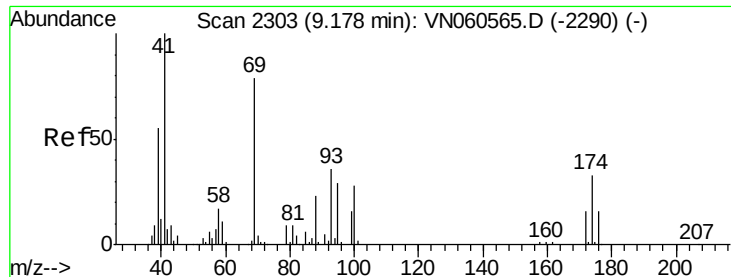
Abundance Ion 41.00 (40.70 to 41.70): VN060952.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060952.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060952.D (-2211) (-)

Time-->

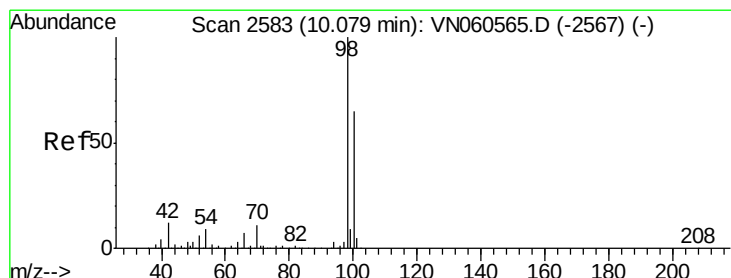
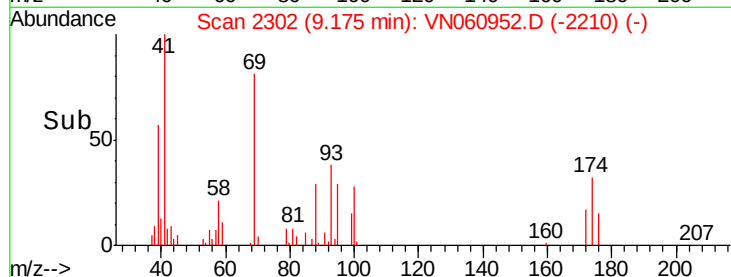
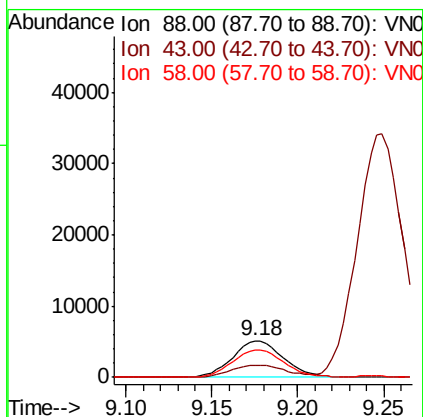
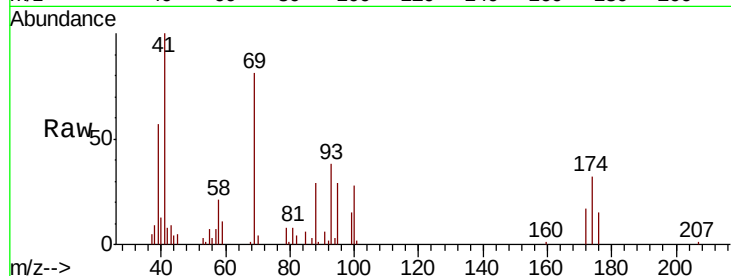




#49
1,4-Dioxane
Concen: 493.412 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

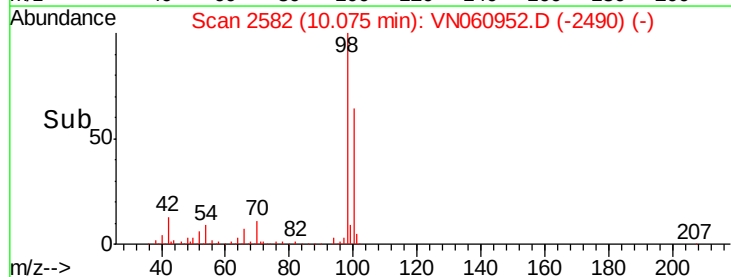
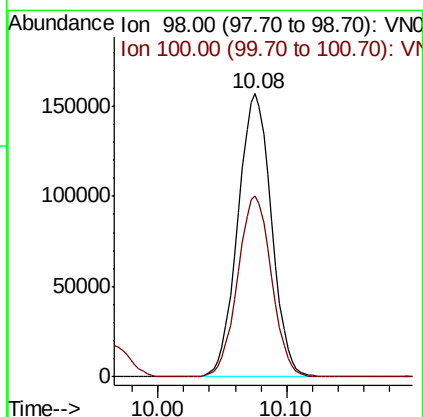
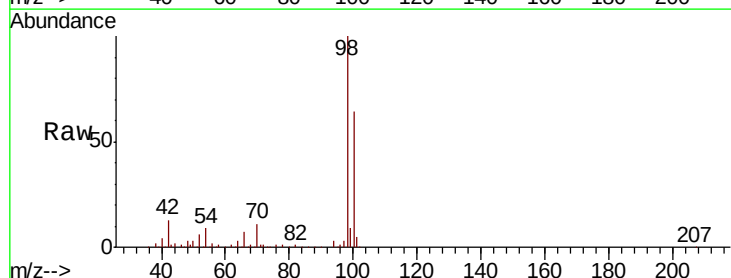
Instrument :
MSVOA_N
ClientSampled :

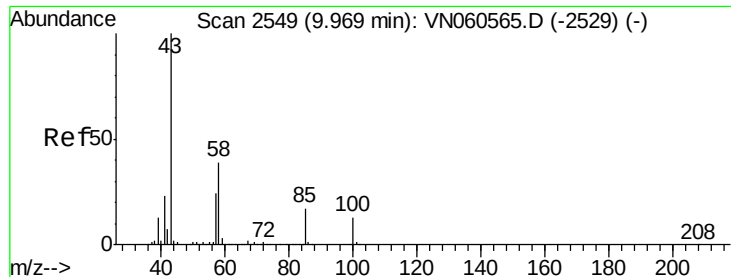
Tot Ion: 88 Resp: 10529
Ion Ratio Lower Upper
88 100
43 35.5 30.8 46.2
58 75.1 59.8 89.8



#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 98 Resp: 284653
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

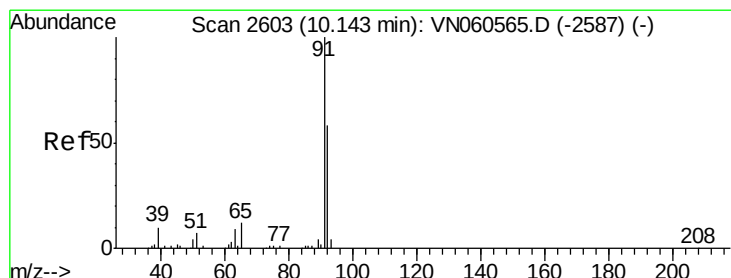
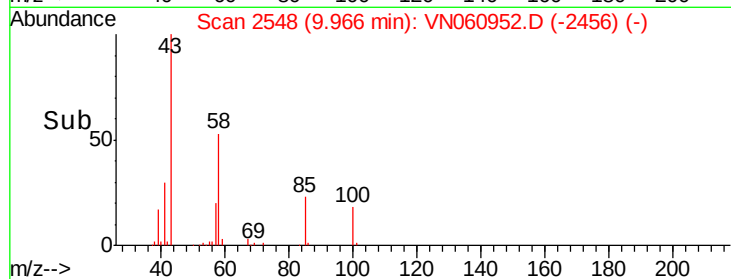
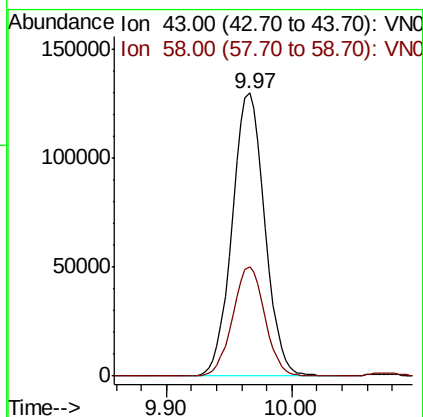
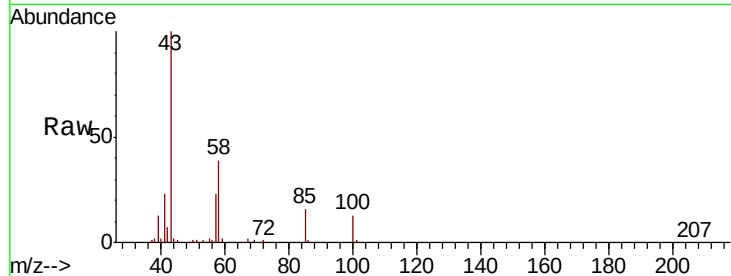




#51
 4-Methyl-2-Pentanone
 Concen: 102.179 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

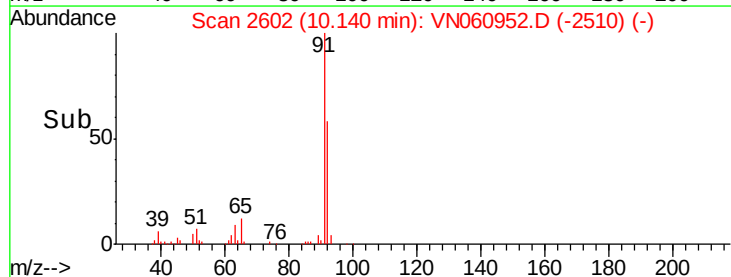
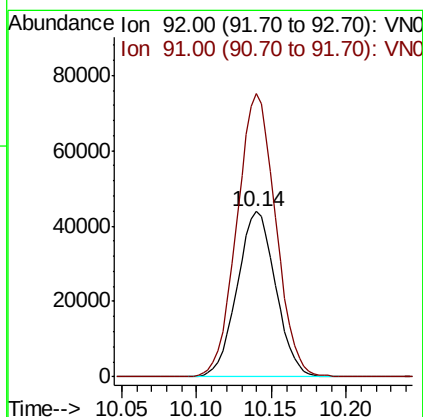
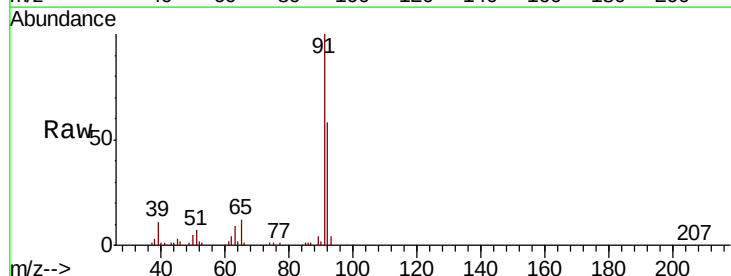
Instrument :
 MSVOA_N
 ClientSampled :

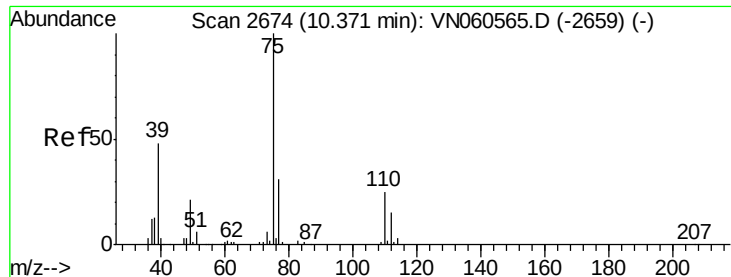
Tot Ion: 43 Resp: 234455
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 19.064 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 92 Resp: 78645
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.050 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

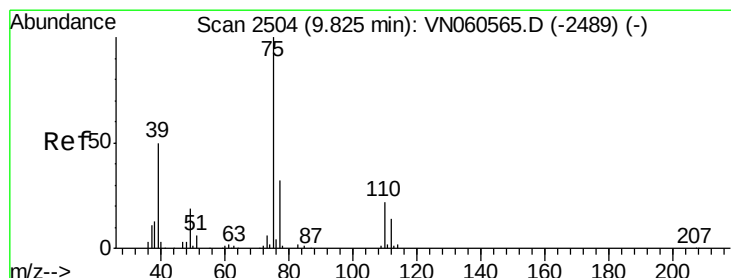
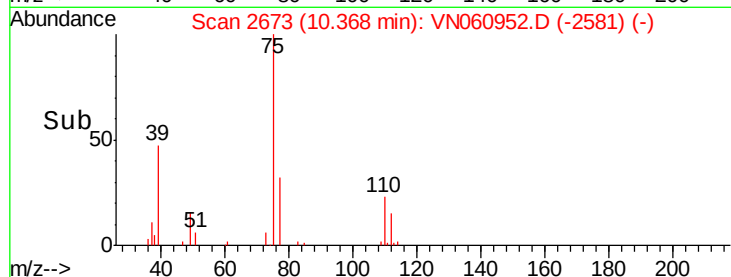
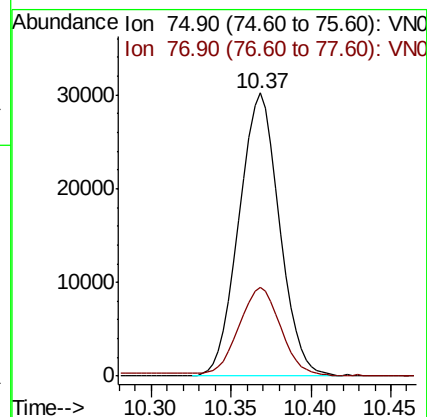
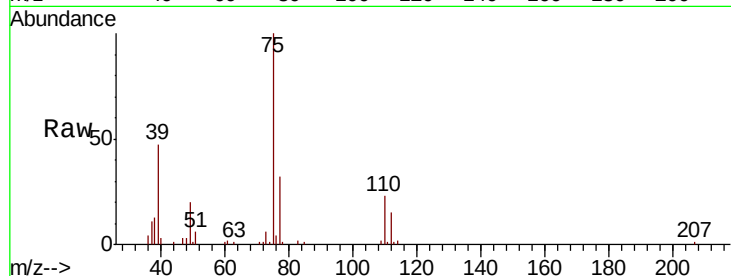
ClientSampleId :

Tot Ion: 75 Resp: 52151

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.770 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

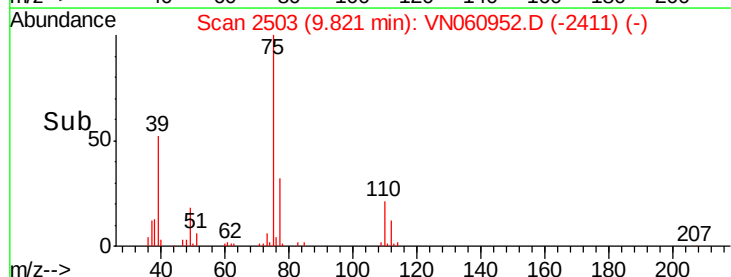
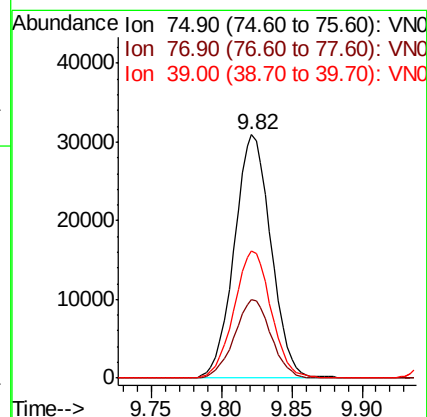
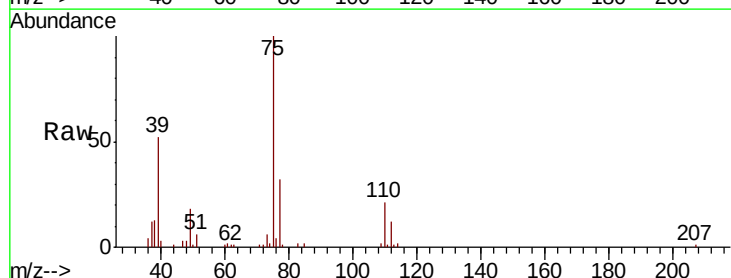
Tgt Ion: 75 Resp: 56413

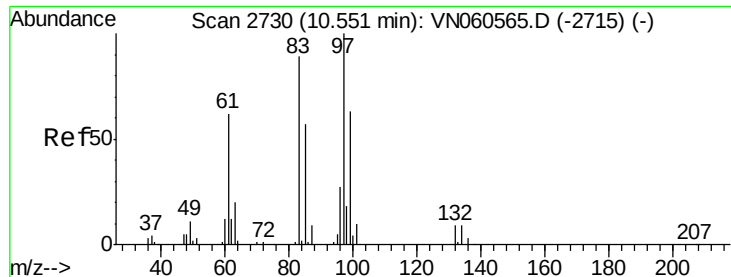
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 52.1 40.2 60.4

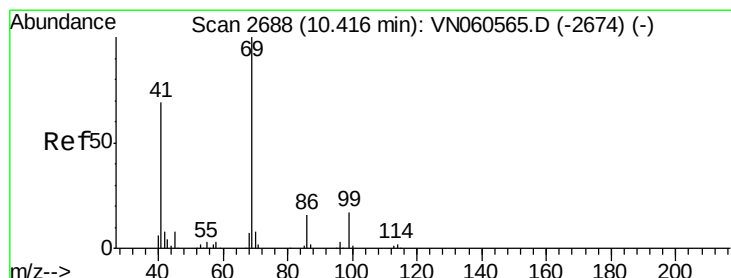
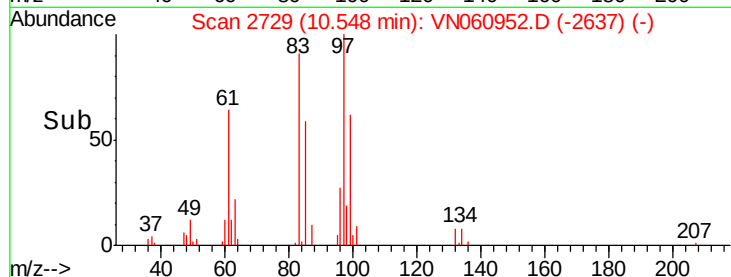
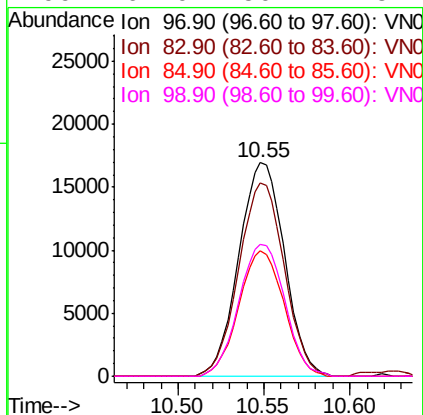
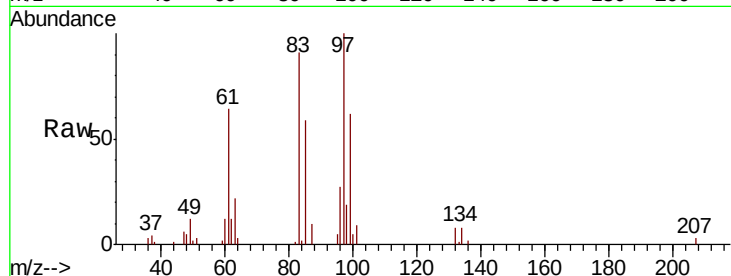




#55
 1,1,2-Trichloroethane
 Concen: 19.706 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

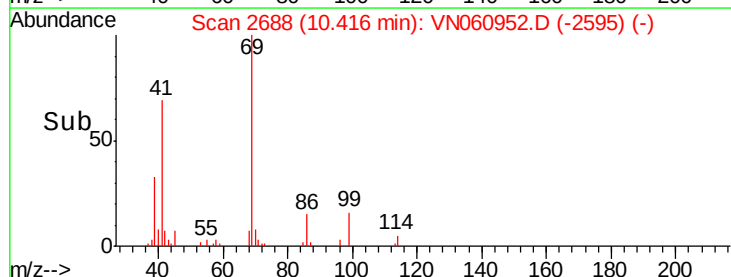
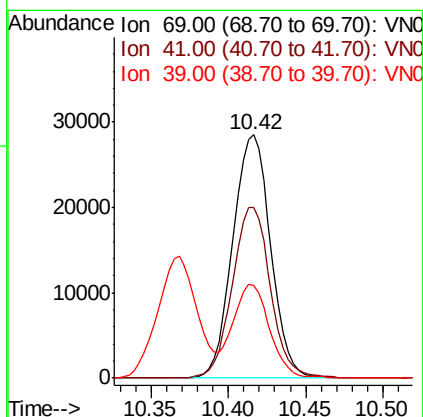
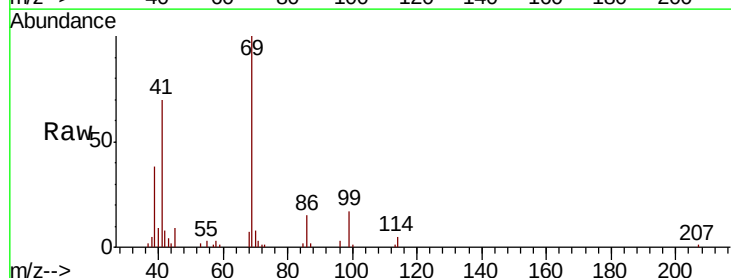
Instrument :
 MSVOA_N
 ClientSampled :

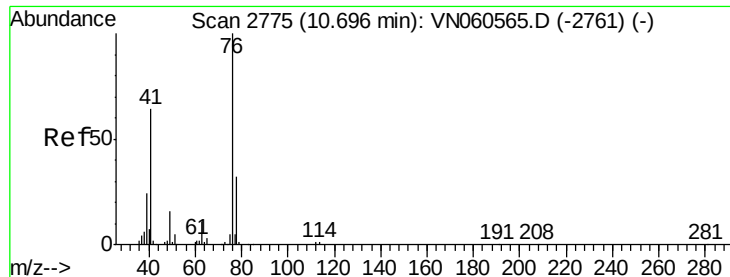
Tot Ion:	97	Resp:	31275
Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.3	106.9
85	58.7	45.2	67.8
99	62.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.583 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion:	69	Resp:	48460
Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.4	83.2
39	37.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.956 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

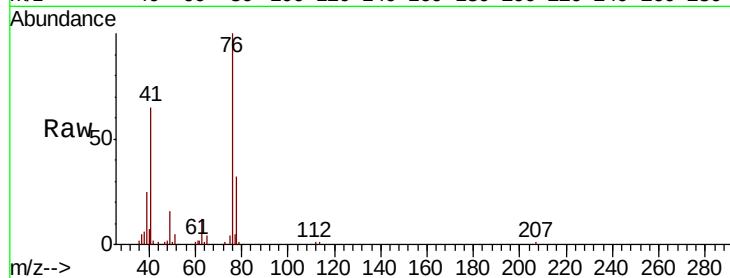
ClientSampled :

Tot Ion: 76 Resp: 54960

Ion Ratio Lower Upper

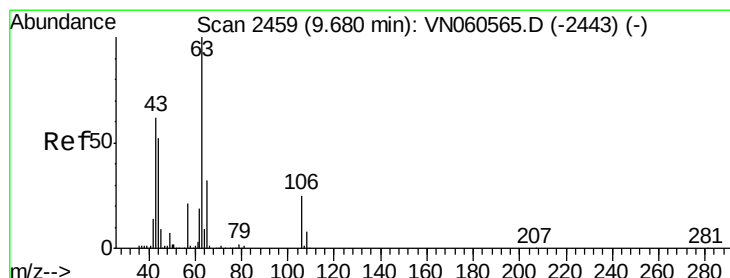
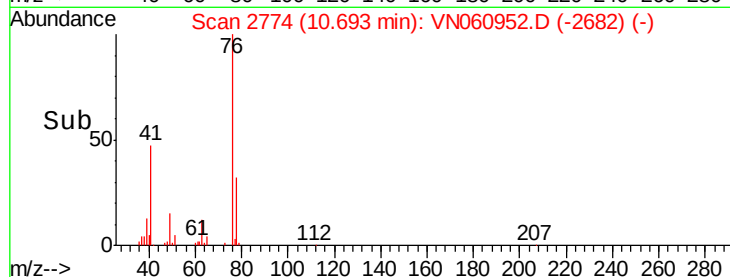
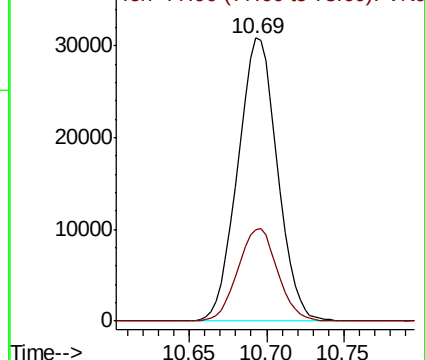
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.550 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060952.D

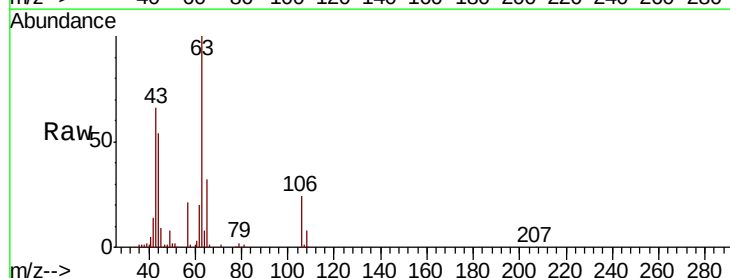
Acq: 15 Apr 2020 11:32

Tgt Ion: 63 Resp: 113830

Ion Ratio Lower Upper

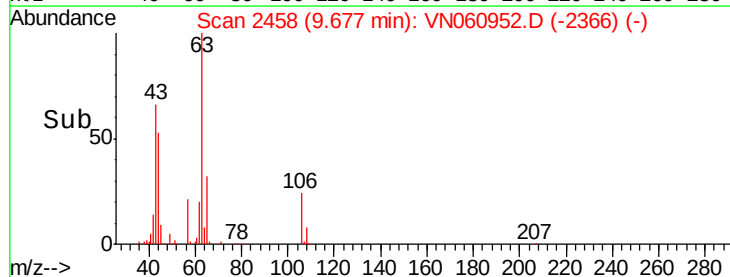
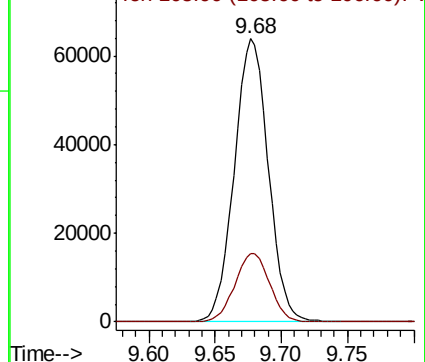
63 100

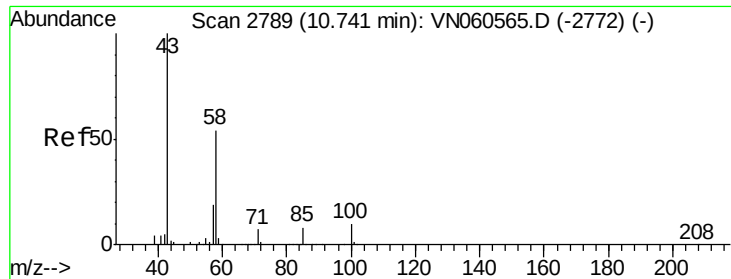
106 24.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

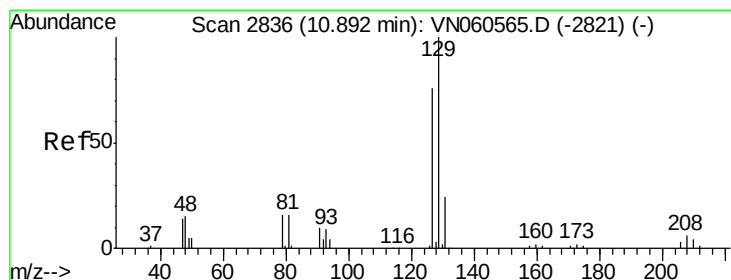
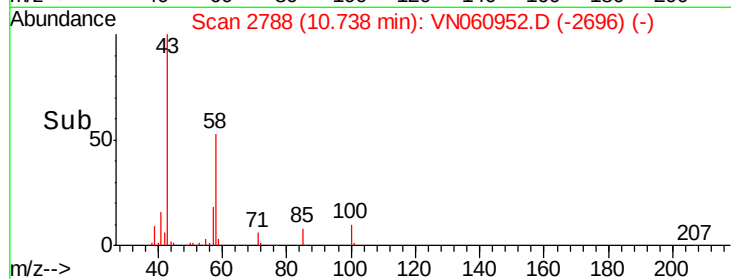
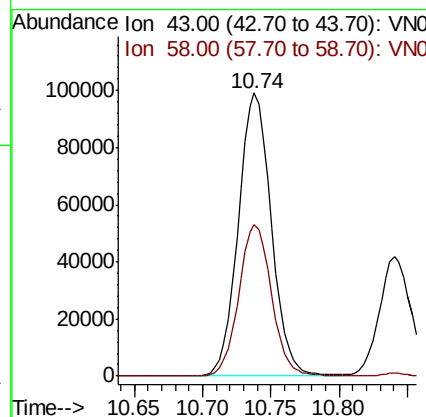
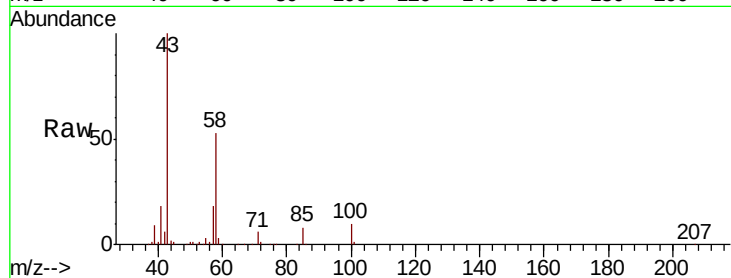




#59
2-Hexanone
Concen: 100.920 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

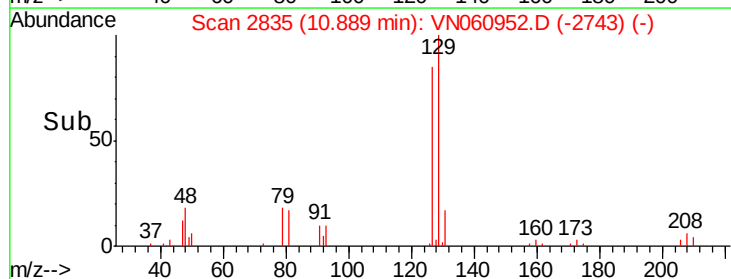
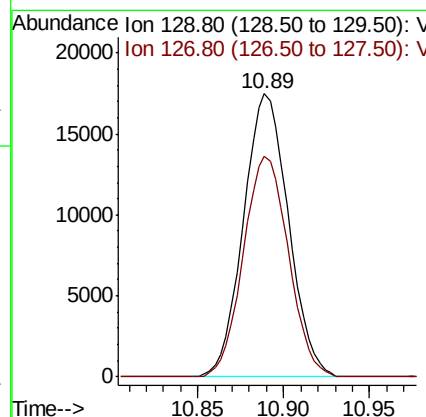
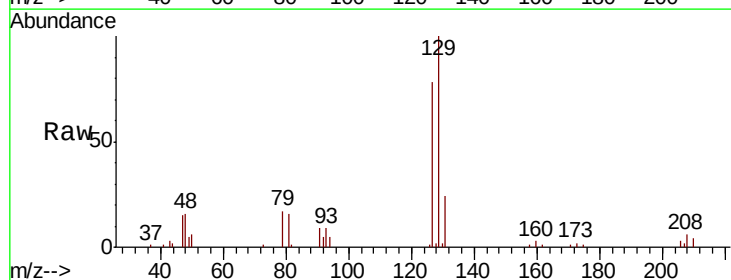
Instrument :
MSVOA_N
ClientSampleId :

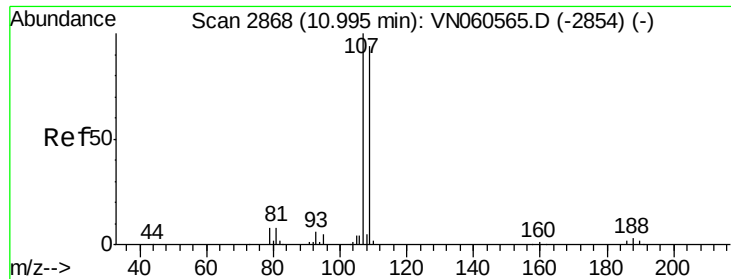
Tot Ion: 43 Resp: 166809
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 19.357 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 129 Resp: 31733
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

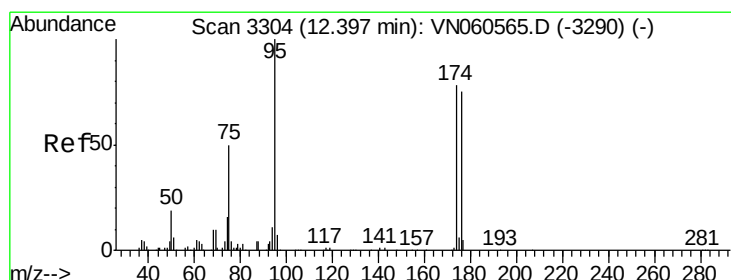
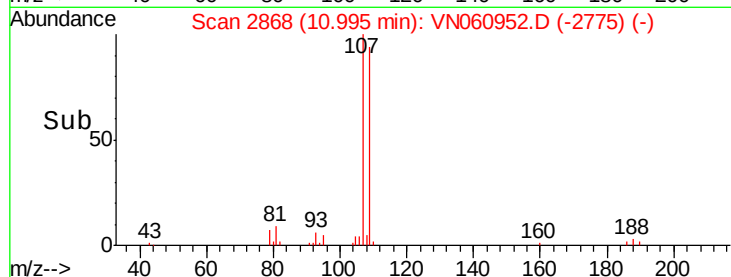
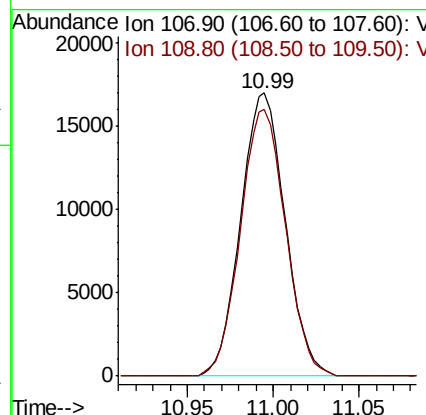
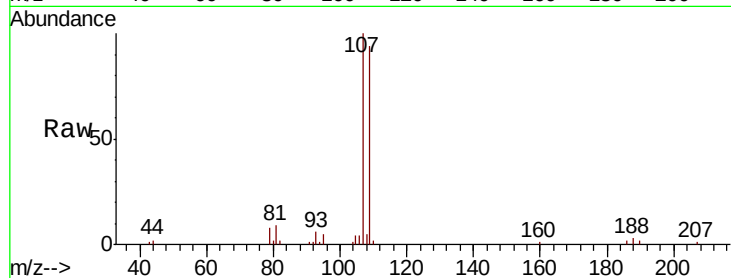




#61
 1,2-Dibromoethane
 Concen: 19.122 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

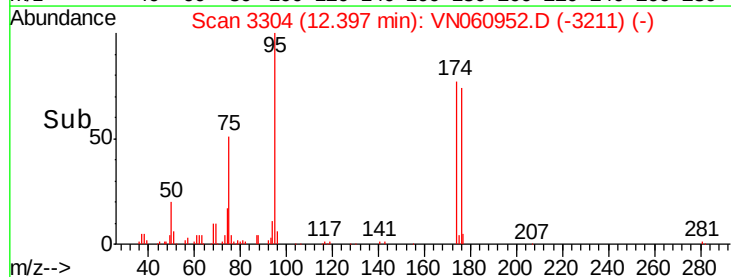
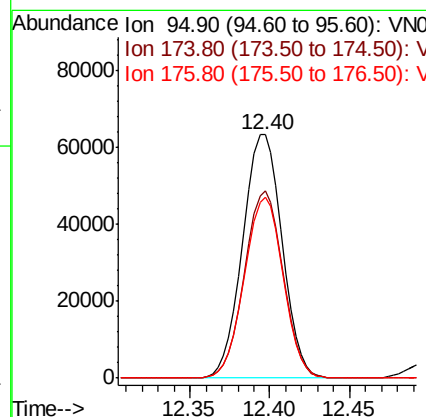
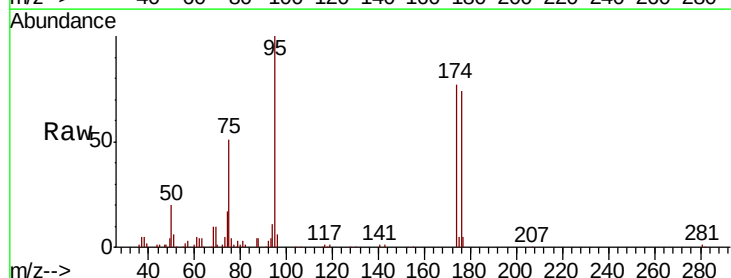
Instrument :
 MSVOA_N
 ClientSampleId :

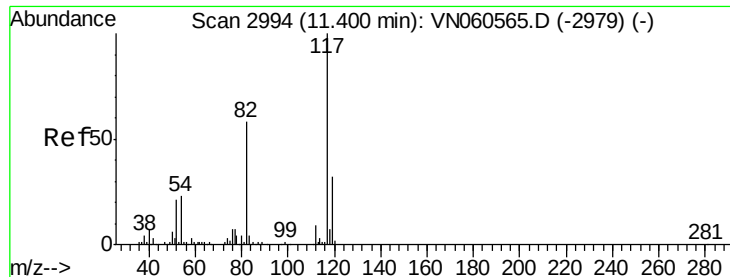
Tot Ion:107 Resp: 30517
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.225 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 95 Resp: 106238
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 157.6
 176 73.1 0.0 150.6

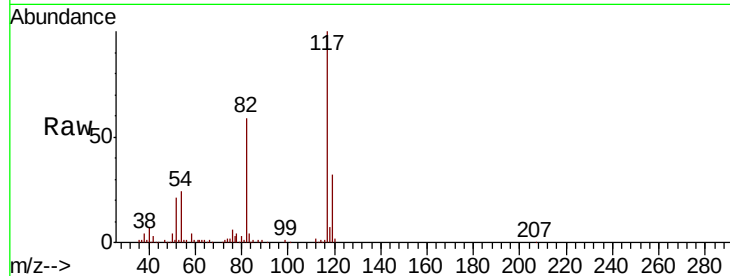




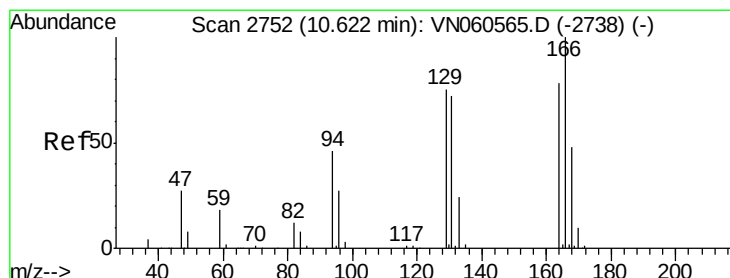
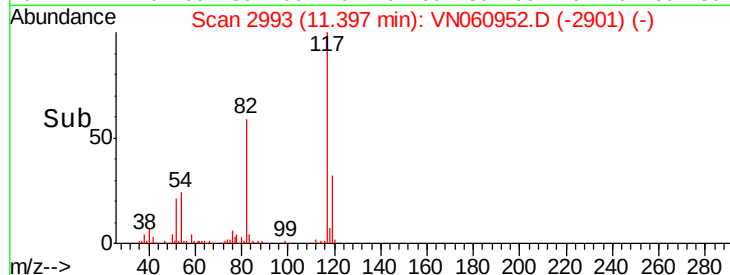
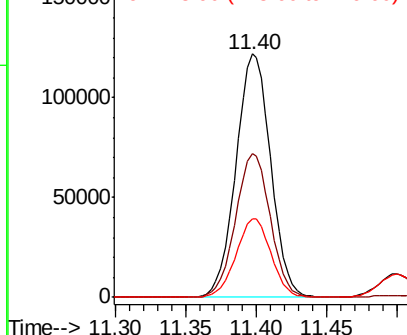
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 210467
Ion Ratio Lower Upper
117 100
82 59.1 46.7 70.1
119 32.4 25.5 38.3

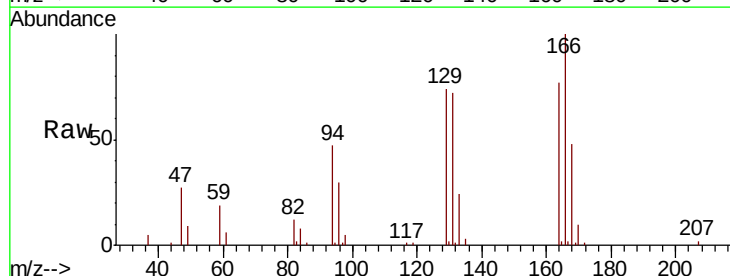


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

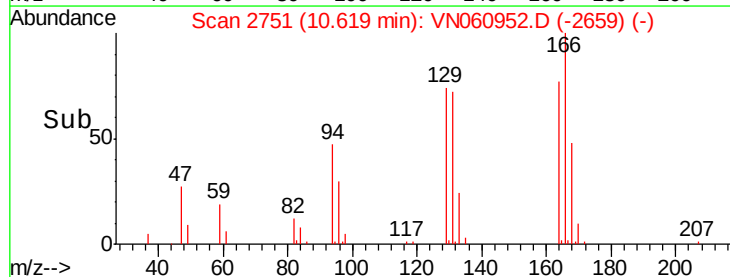
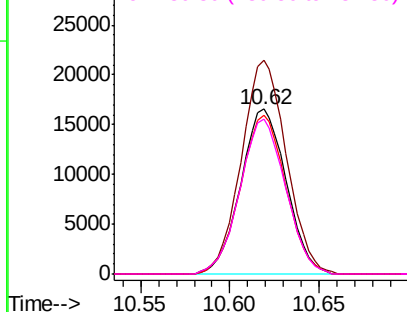


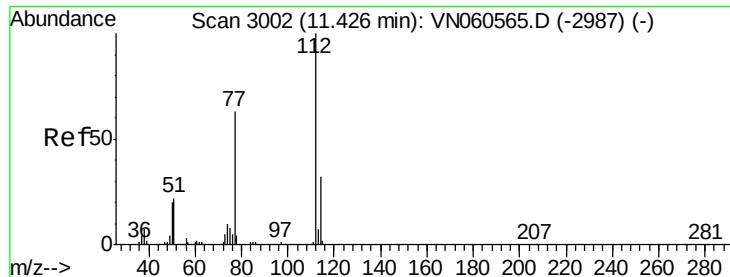
#64
Tetrachloroethene
Concen: 17.825 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion:164 Resp: 29521
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 96.6 77.2 115.8
131 93.8 73.8 110.6



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

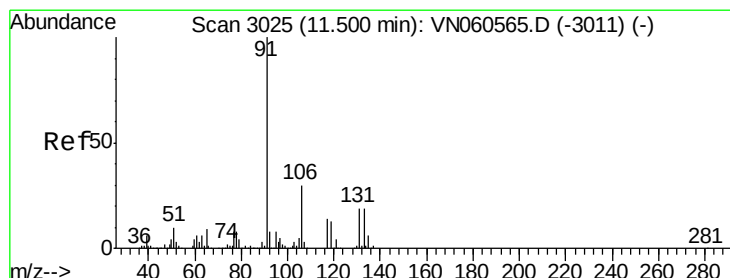
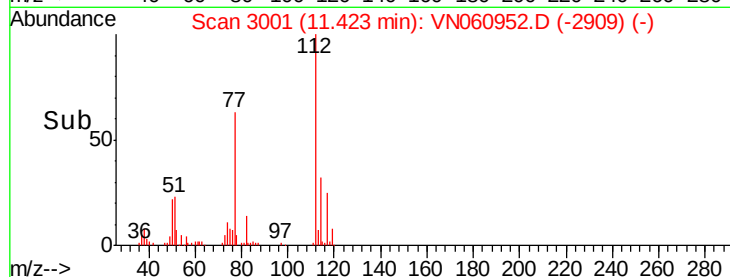
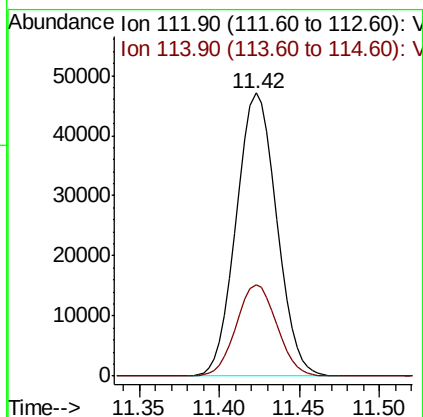
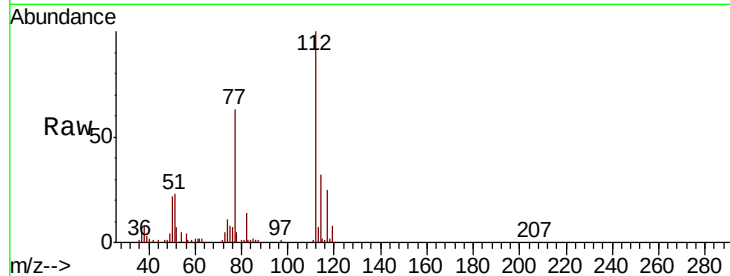




#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

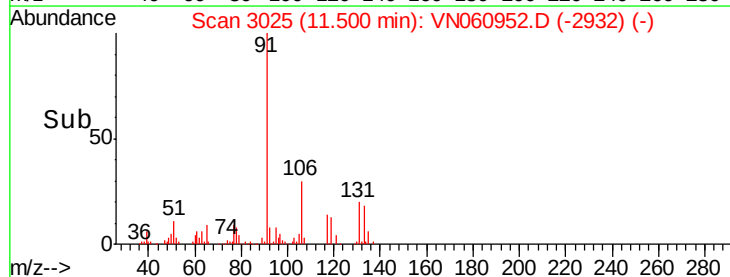
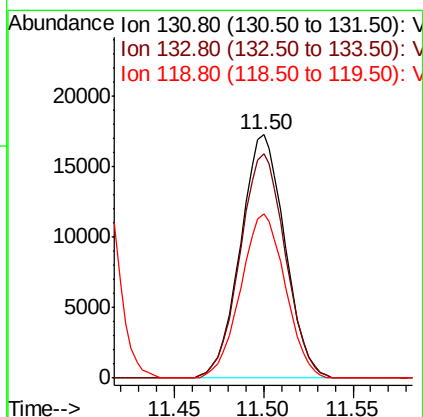
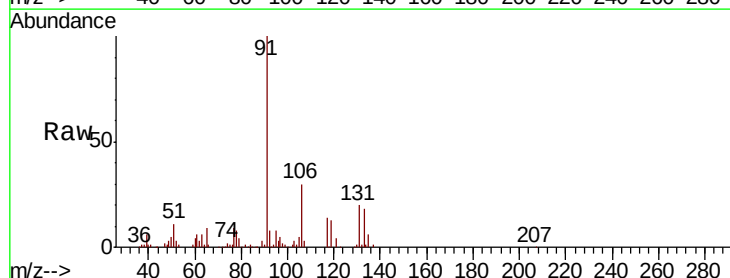
Instrument :
MSVOA_N
ClientSampled :

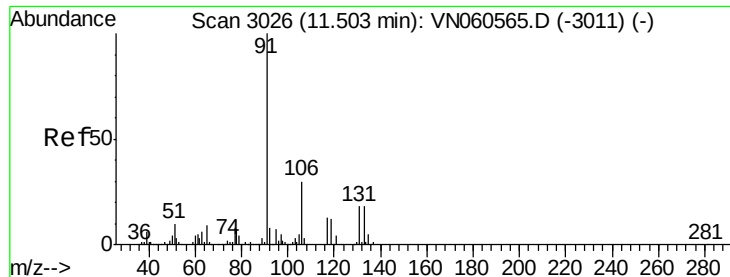
Tot Ion:112 Resp: 81115
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.905 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion:131 Resp: 30069
Ion Ratio Lower Upper
131 100
133 94.1 48.9 146.8
119 67.8 33.9 101.7





#67

Ethyl Benzene

Concen: 19.438 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

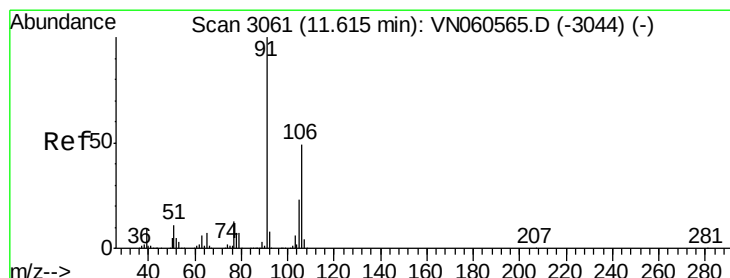
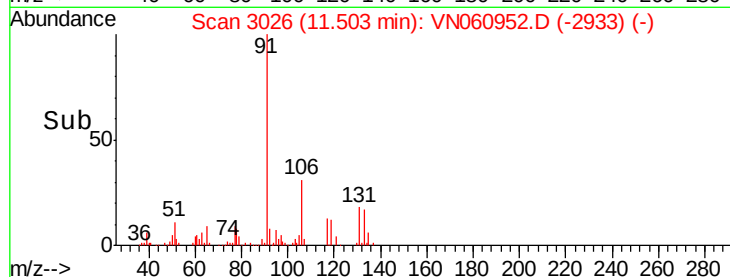
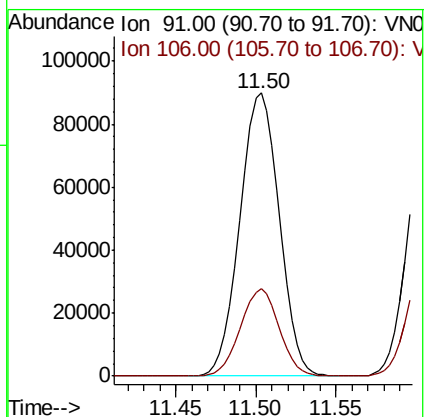
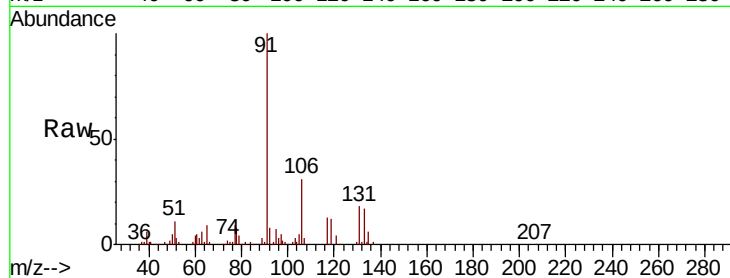
ClientSampled :

Tot Ion: 91 Resp: 150820

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.2



#68

m/p-Xylenes

Concen: 38.183 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060952.D

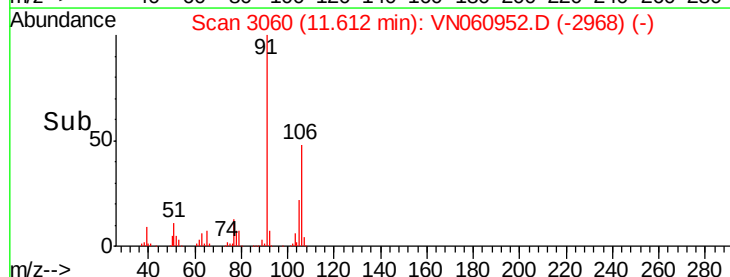
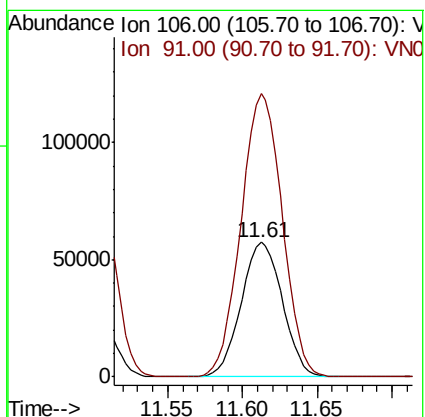
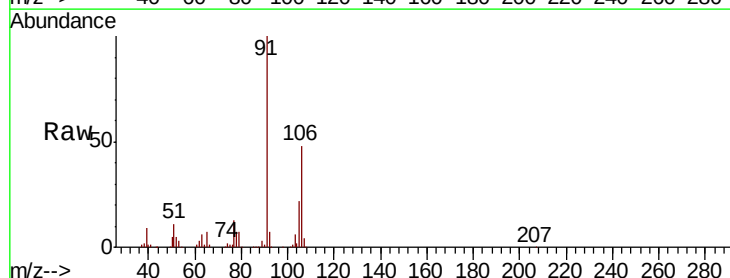
Acq: 15 Apr 2020 11:32

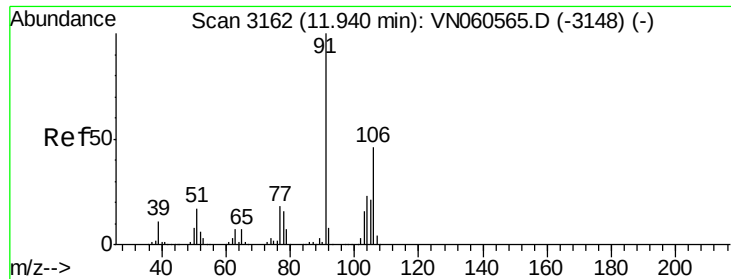
Tgt Ion: 106 Resp: 110093

Ion Ratio Lower Upper

106 100

91 210.7 165.0 247.4

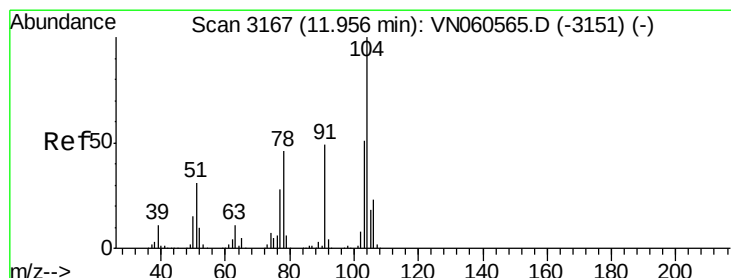
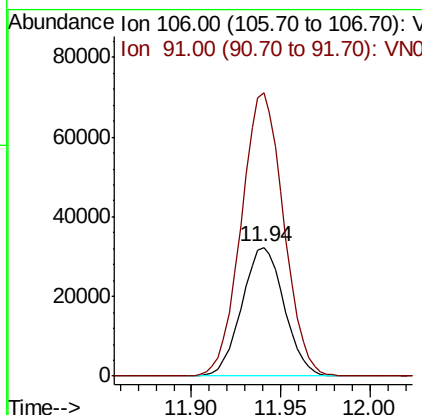
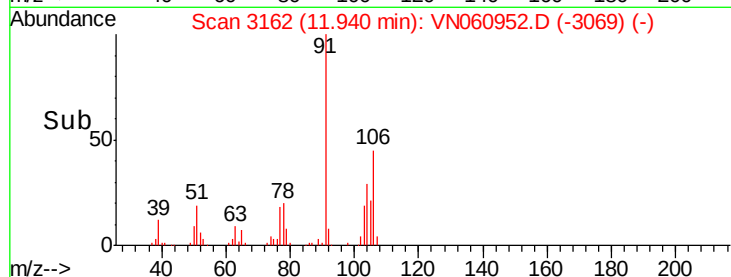
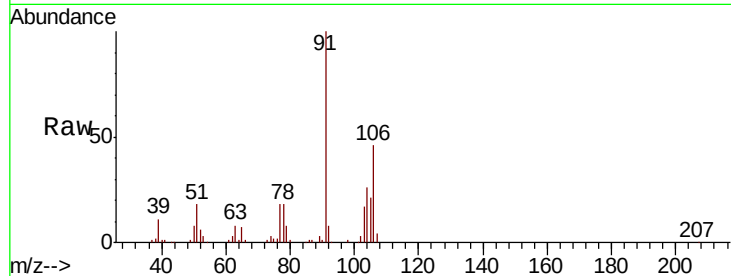




#69
o-Xylene
Concen: 19.499 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

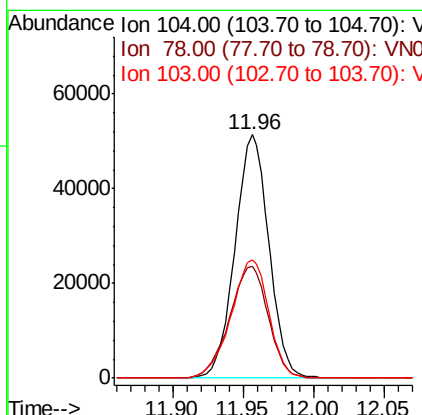
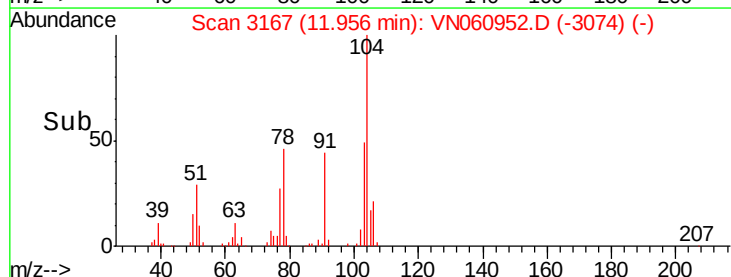
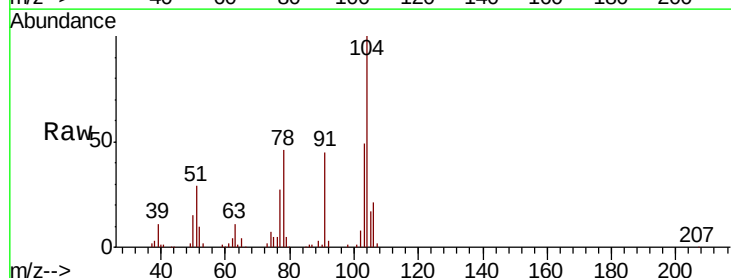
Instrument :
MSVOA_N
ClientSampled :

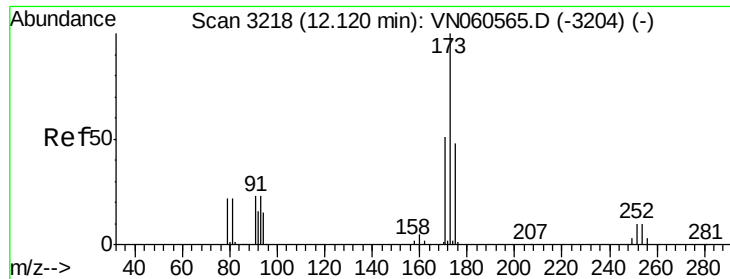
Tot Ion:106 Resp: 53671
Ion Ratio Lower Upper
106 100
91 219.6 109.5 328.4



#70
Styrene
Concen: 19.271 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion:104 Resp: 86751
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 53.7 44.0 66.0





#71

Bromoform

Concen: 18.909 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

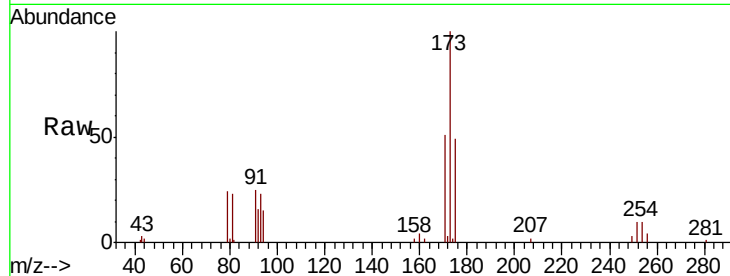
Tot Ion:173 Resp: 22384

Ion Ratio Lower Upper

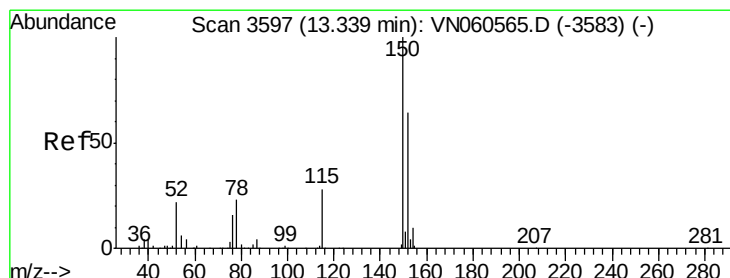
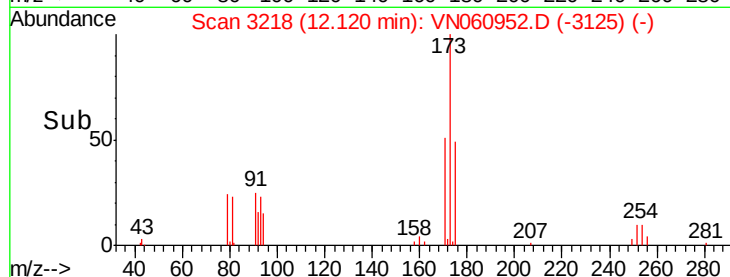
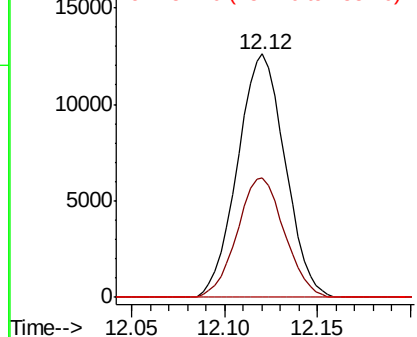
173 100

175 48.7 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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

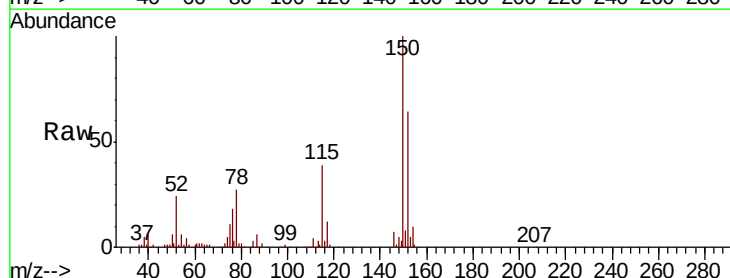
Tgt Ion:152 Resp: 99043

Ion Ratio Lower Upper

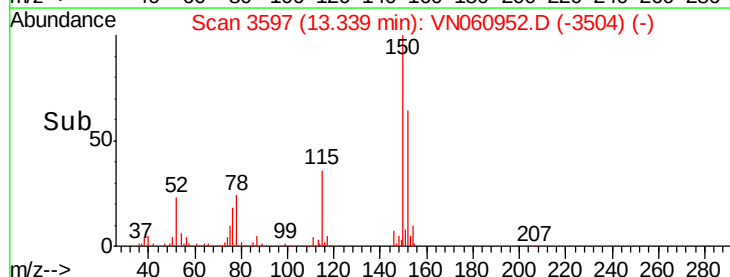
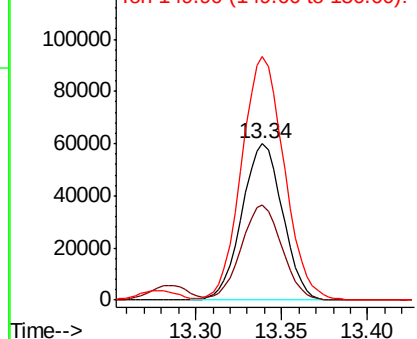
152 100

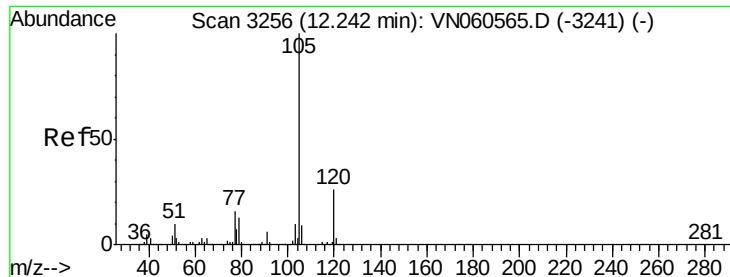
115 60.7 30.2 90.6

150 162.9 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.501 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

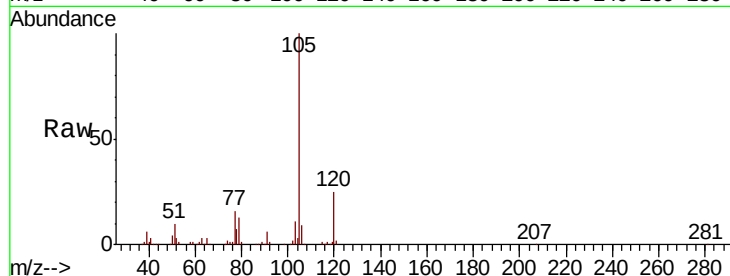
ClientSampled :

Tot Ion:105 Resp: 144946

Ion Ratio Lower Upper

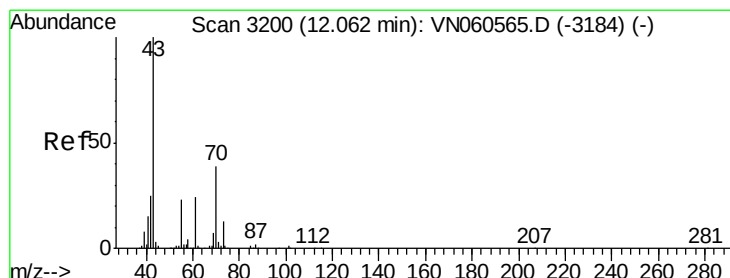
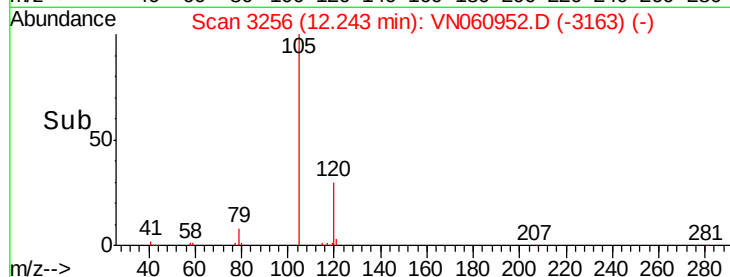
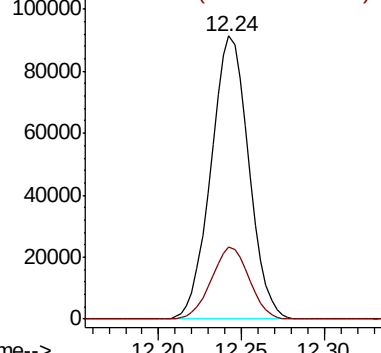
105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.415 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Tgt Ion: 43 Resp: 66684

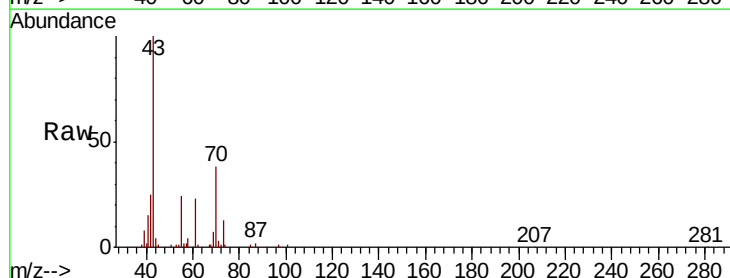
Ion Ratio Lower Upper

43 100

70 38.6 31.1 46.7

55 23.7 18.6 27.8

61 23.3 18.9 28.3

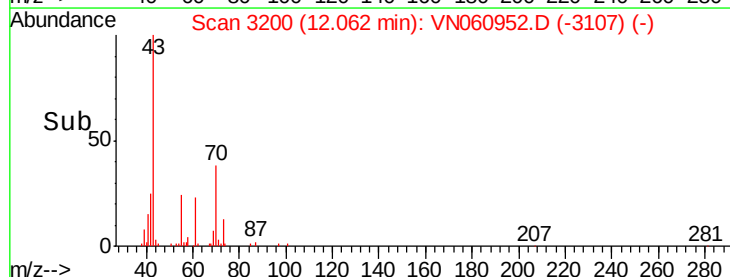
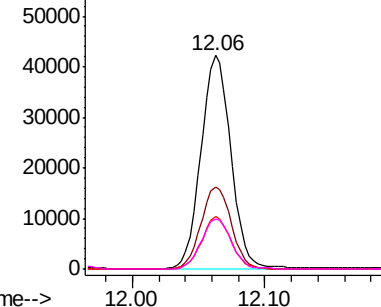


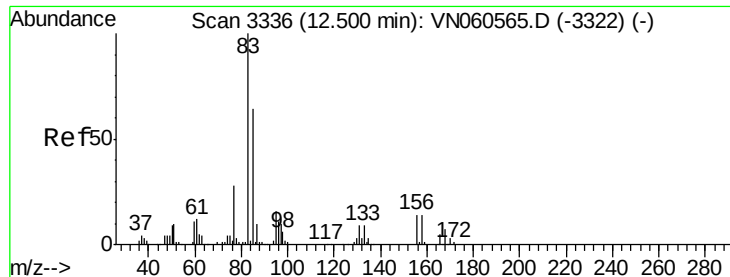
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.005 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

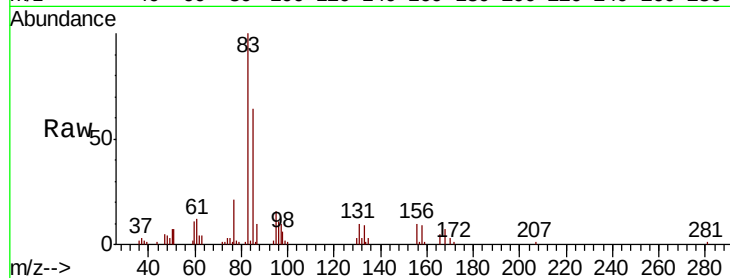
Tot Ion: 83 Resp: 44965

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

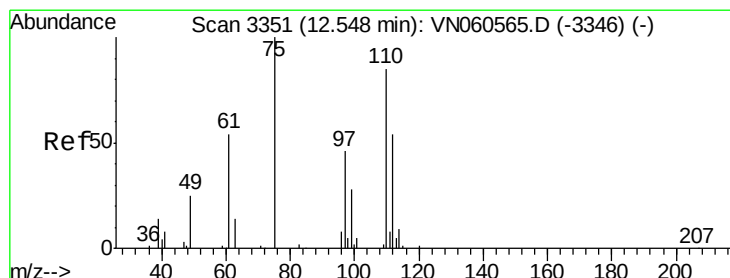
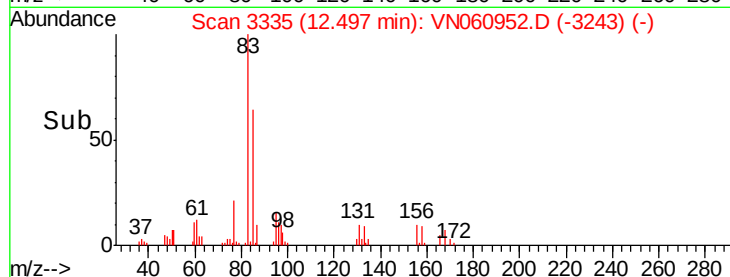
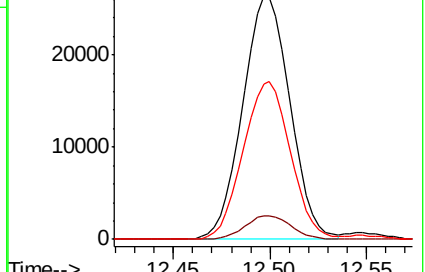
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060952.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060952.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060952.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 28.343 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060952.D

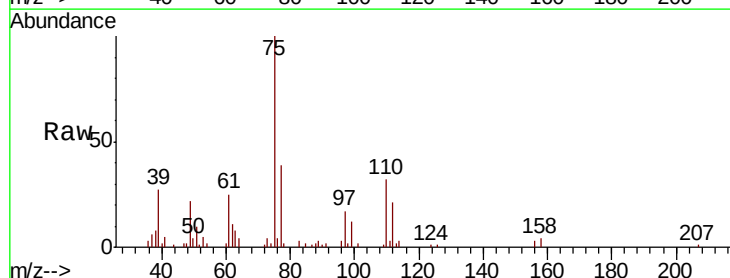
Acq: 15 Apr 2020 11:32

Tgt Ion: 75 Resp: 60573

Ion Ratio Lower Upper

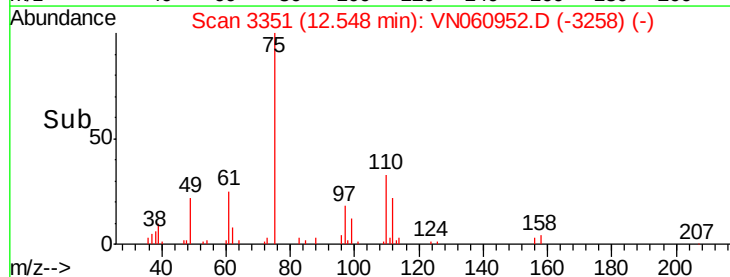
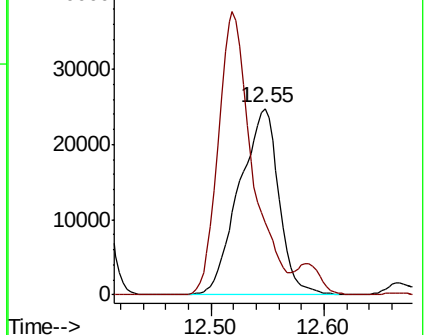
75 100

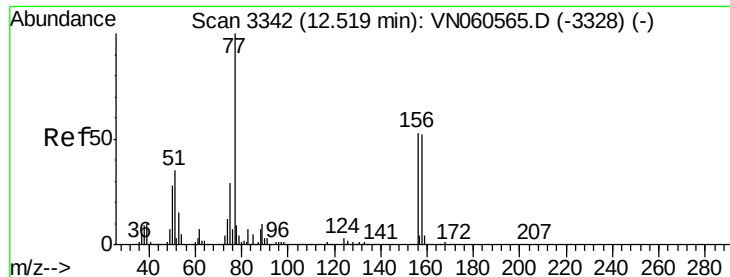
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060952.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060952.D (-3346) (-)





#77

Bromobenzene

Concen: 18.705 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

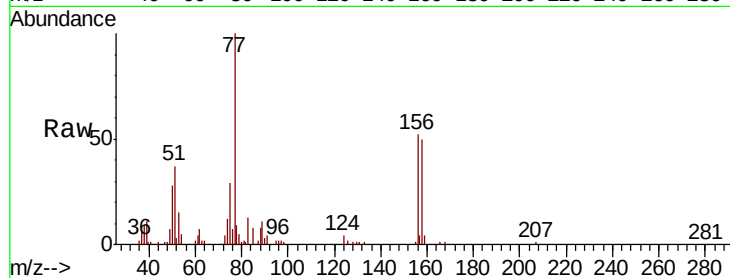
Tot Ion:156 Resp: 33501

Ion Ratio Lower Upper

156 100

77 234.9 112.3 337.0

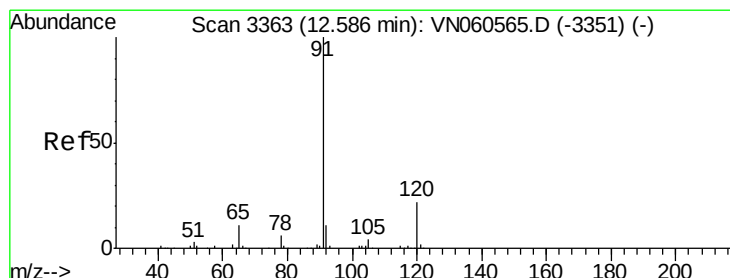
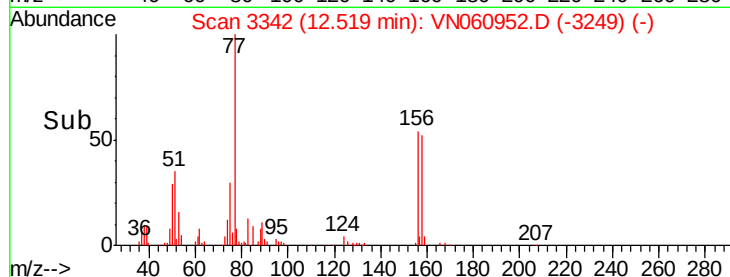
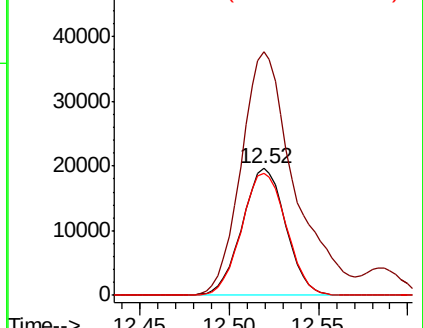
158 98.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.471 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060952.D

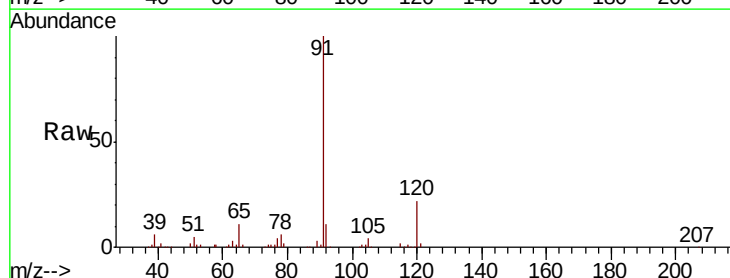
Acq: 15 Apr 2020 11:32

Tgt Ion: 91 Resp: 170984

Ion Ratio Lower Upper

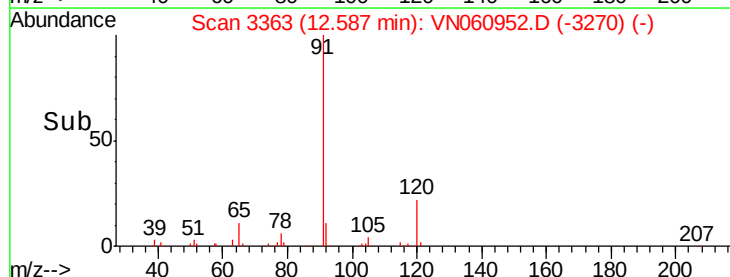
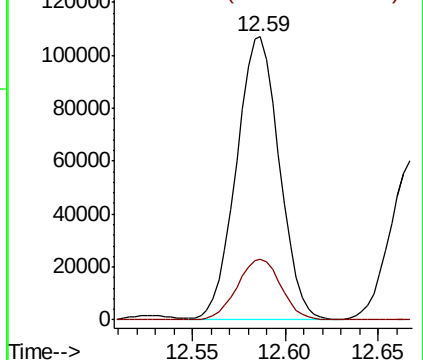
91 100

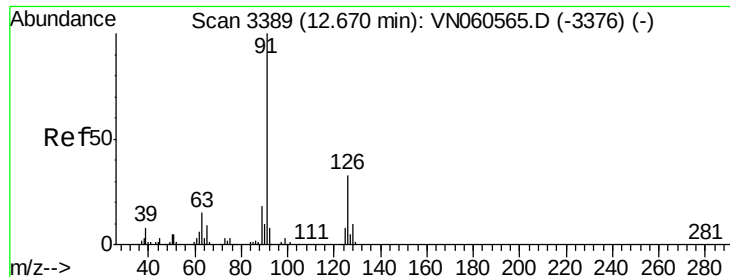
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

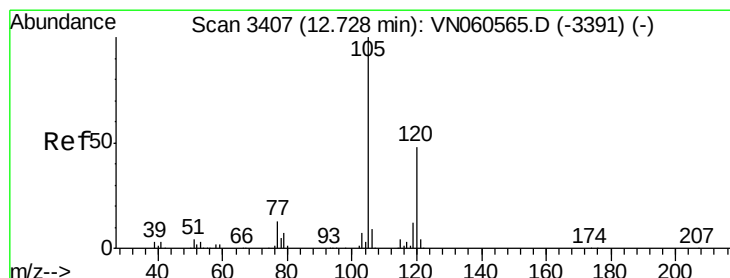
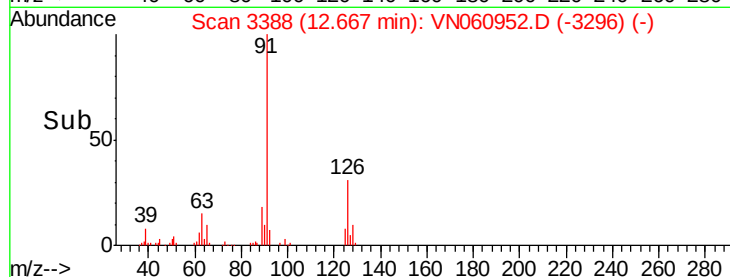
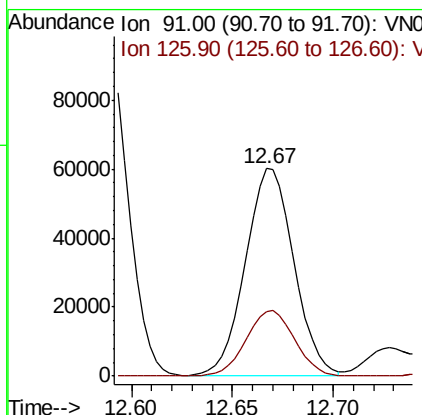
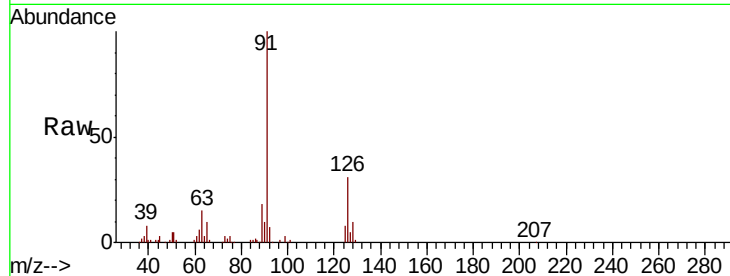




#79
 2-Chlorotoluene
 Concen: 19.205 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

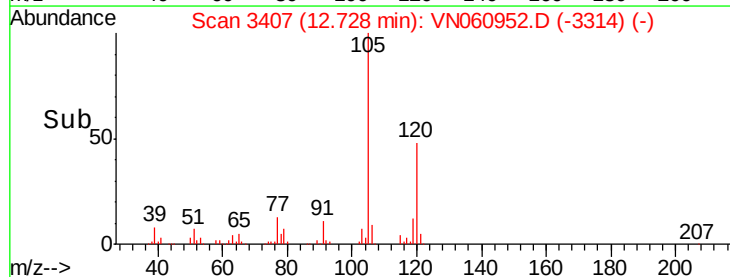
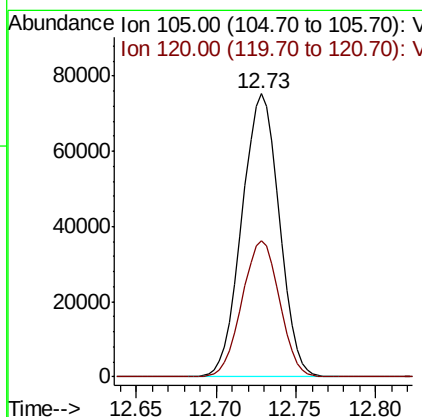
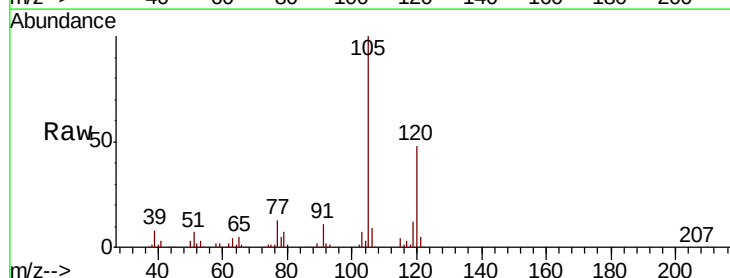
Instrument :
 MSVOA_N
 ClientSampled :

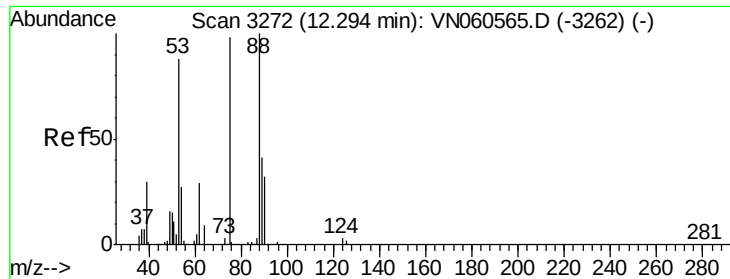
Tot Ion: 91 Resp: 100768
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.059 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion: 105 Resp: 120220
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.935 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

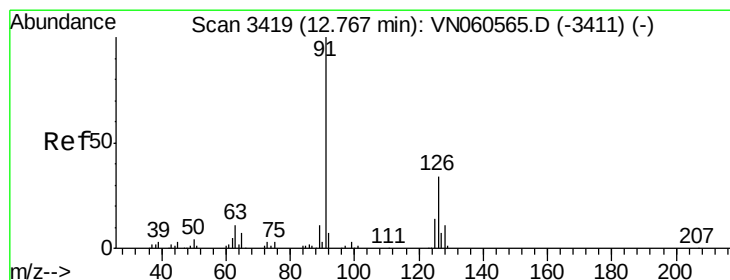
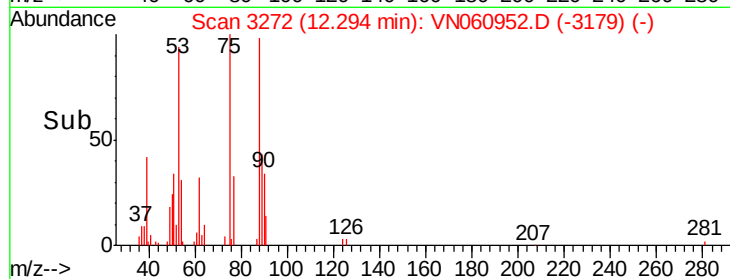
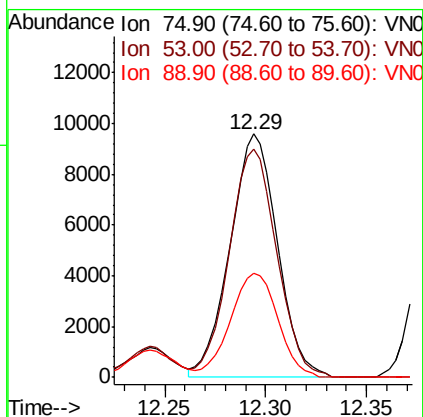
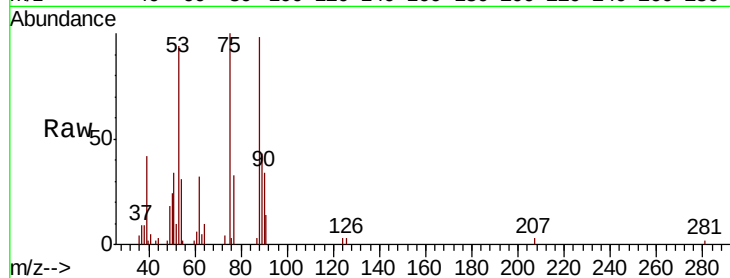
Tot Ion: 75 Resp: 15756

Ion Ratio Lower Upper

75 100

53 94.4 73.0 109.4

89 43.0 34.8 52.2



#82

4-Chlorotoluene

Concen: 19.470 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060952.D

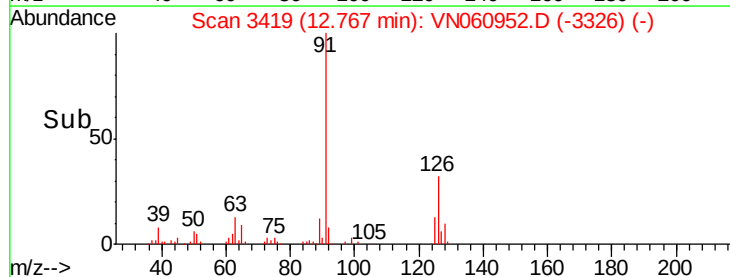
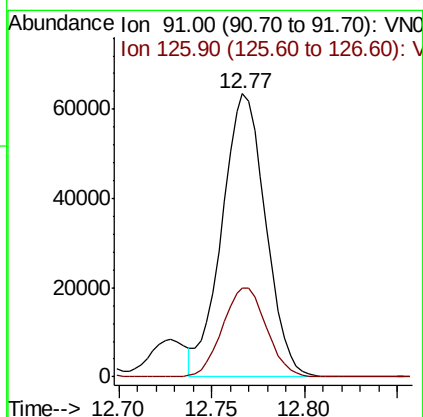
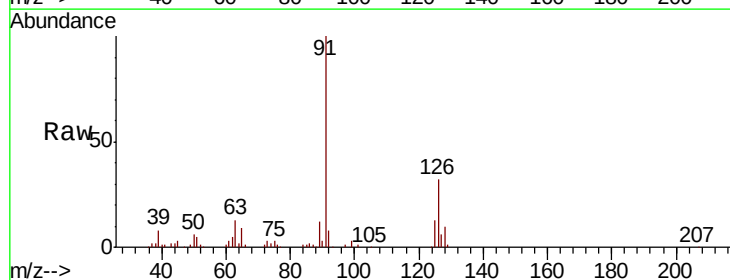
Acq: 15 Apr 2020 11:32

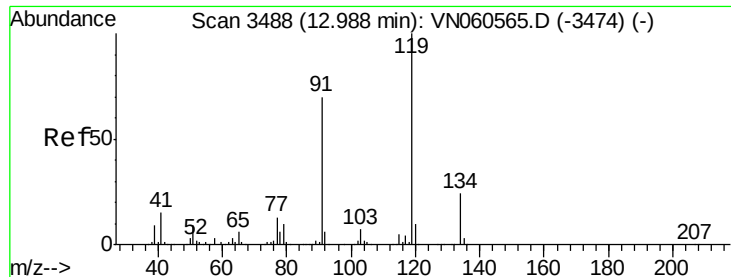
Tgt Ion: 91 Resp: 104044

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.5

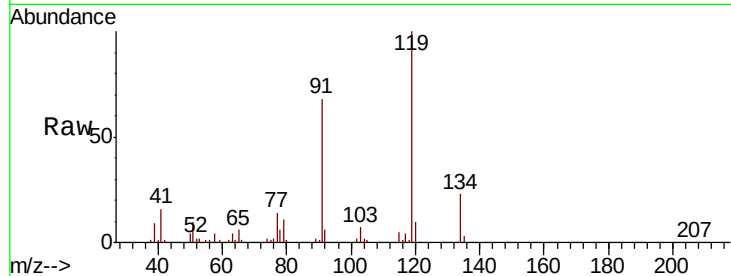




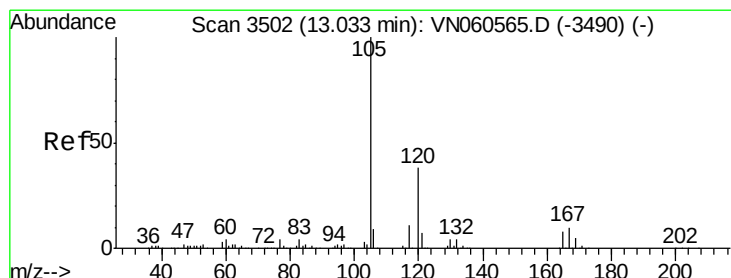
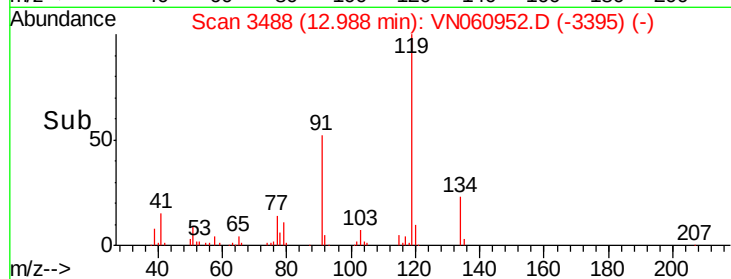
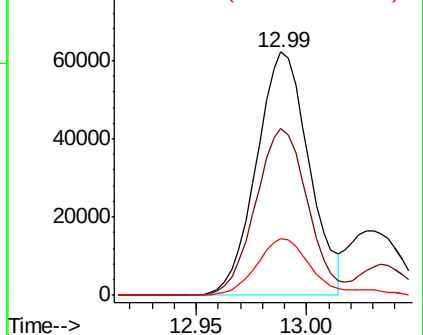
#83
tert-Butylbenzene
Concen: 19.604 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 102508
Ion Ratio Lower Upper
119 100
91 68.1 34.0 101.8
134 23.6 12.7 38.0

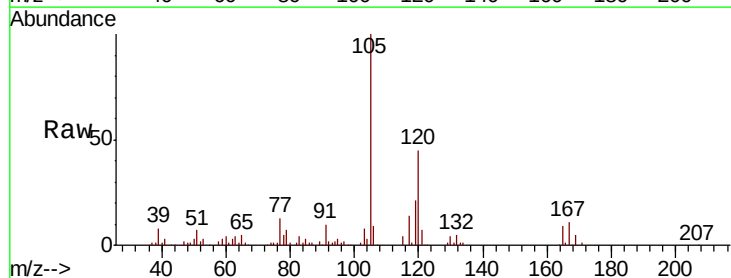


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

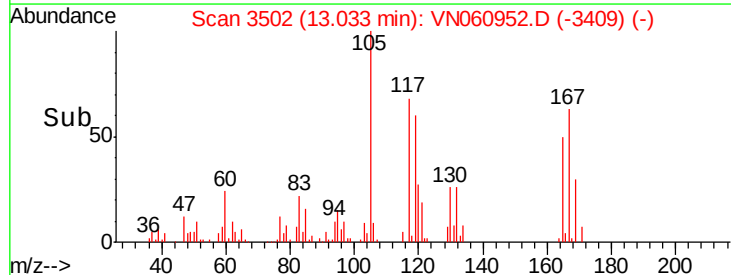
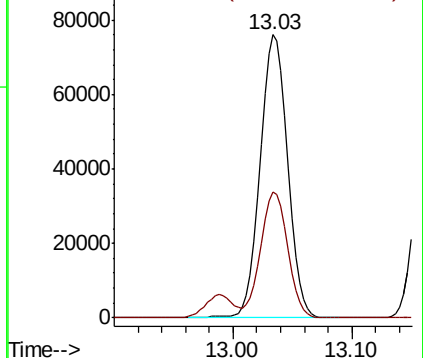


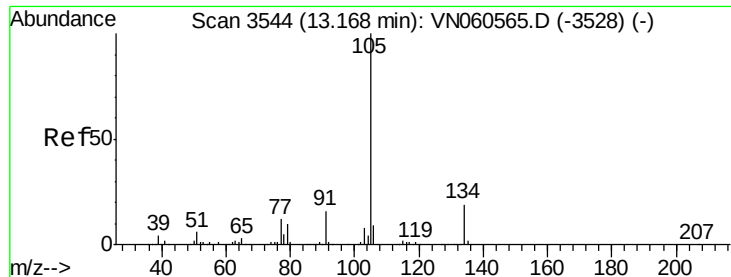
#84
1,2,4-Trimethylbenzene
Concen: 19.464 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion:105 Resp: 121462
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.789 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

Instrument :

MSVOA_N

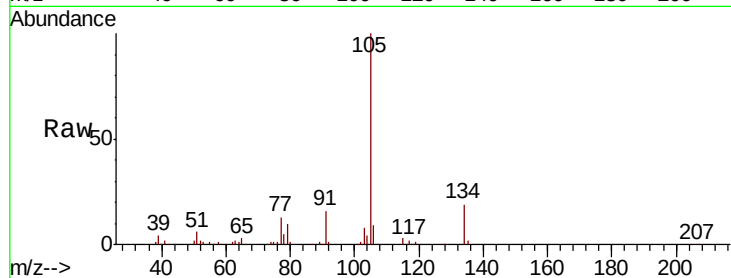
ClientSampled :

Tot Ion:105 Resp: 139143

Ion Ratio Lower Upper

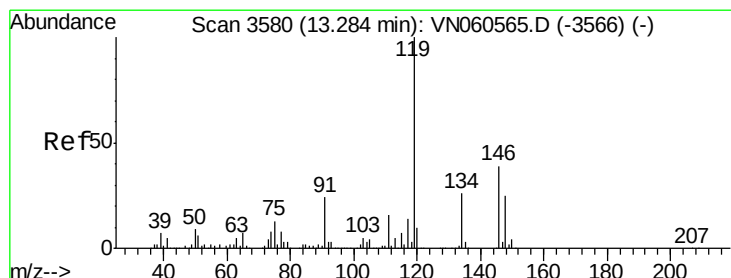
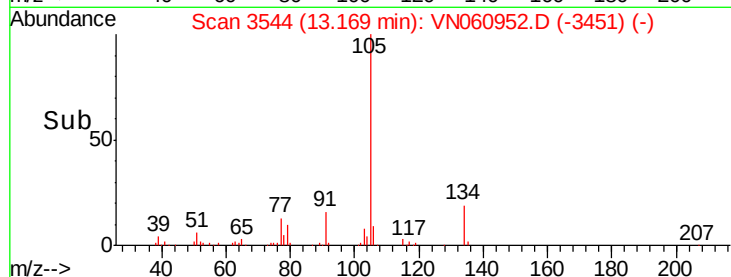
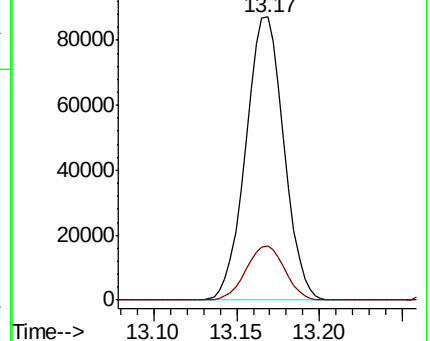
105 100

134 19.4 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.759 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060952.D

Acq: 15 Apr 2020 11:32

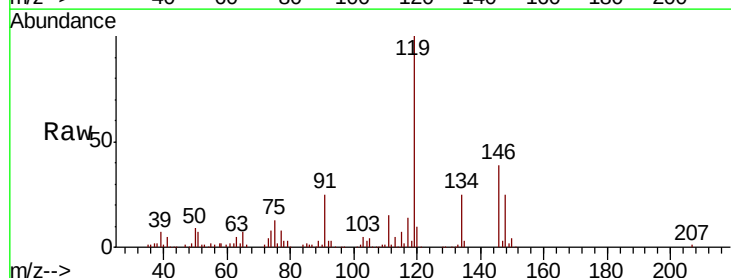
Tgt Ion:119 Resp: 124932

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

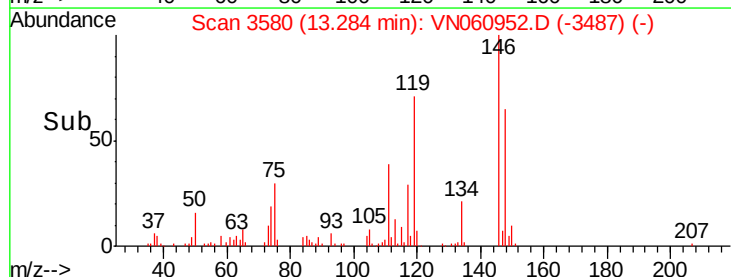
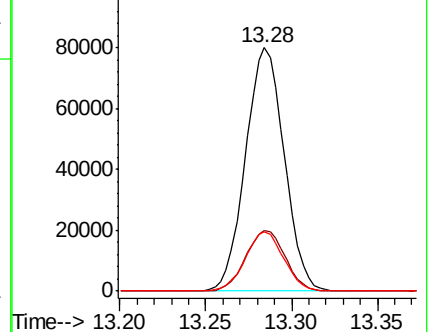
91 24.1 12.0 36.0

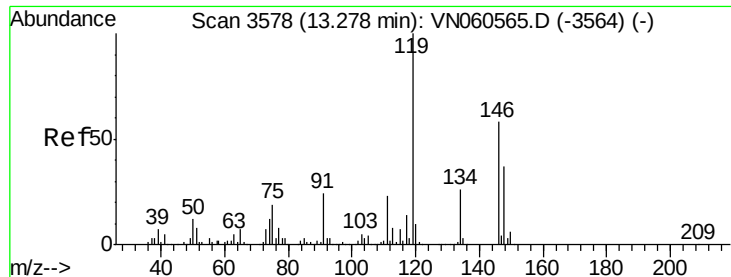


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

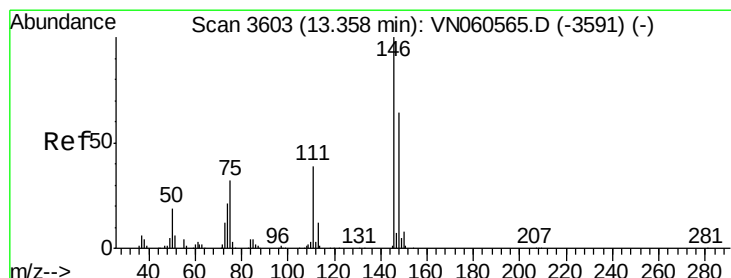
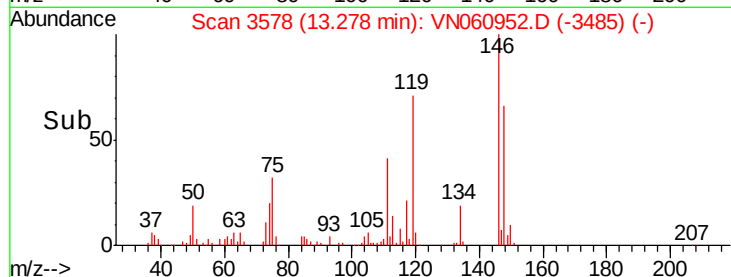
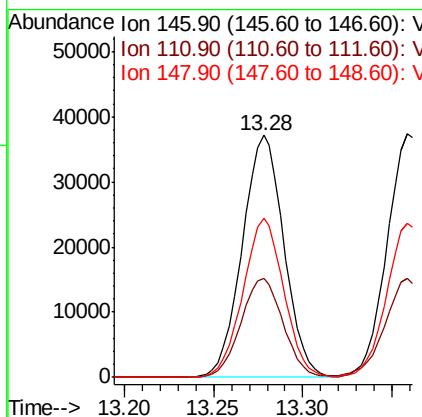
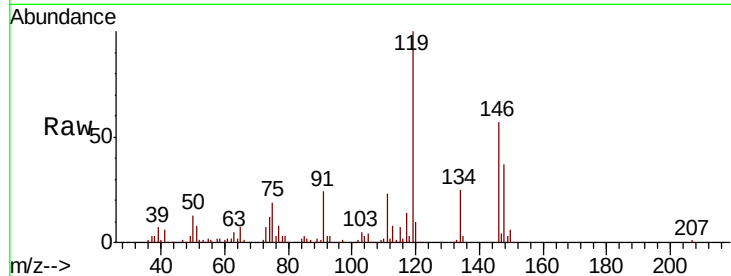




#87
 1,3-Dichlorobenzene
 Concen: 19.217 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

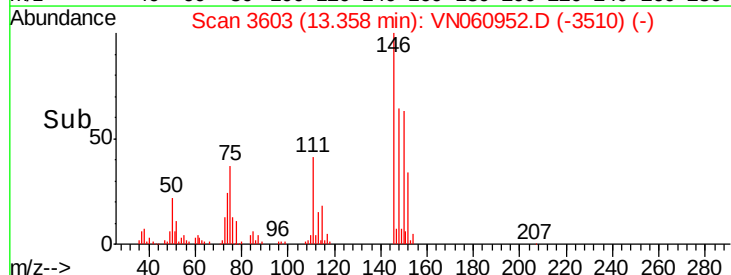
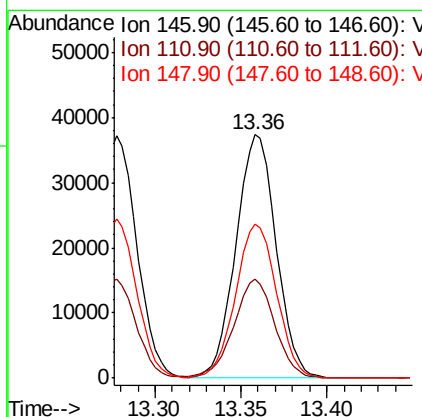
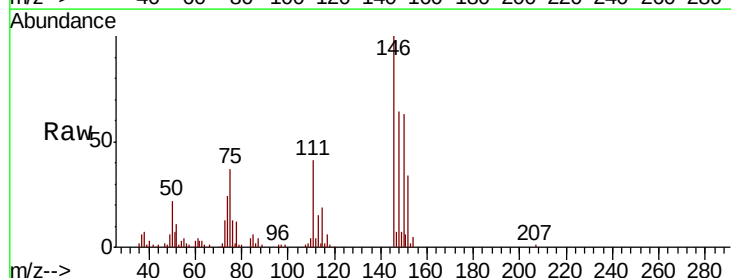
Instrument :
 MSVOA_N
 ClientSampled :

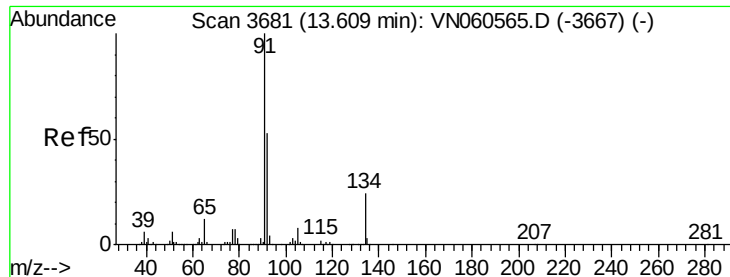
Tot Ion:146 Resp: 60704
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.8
 148 64.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.103 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion:146 Resp: 60627
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.7
 148 64.5 32.1 96.3

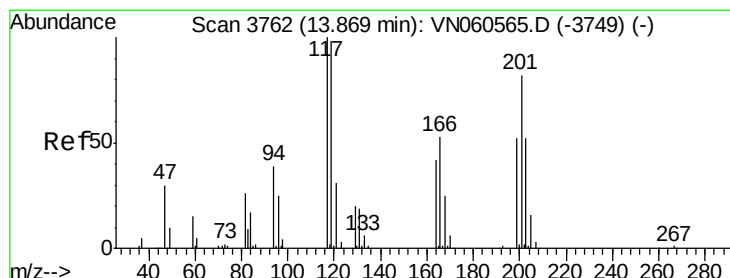
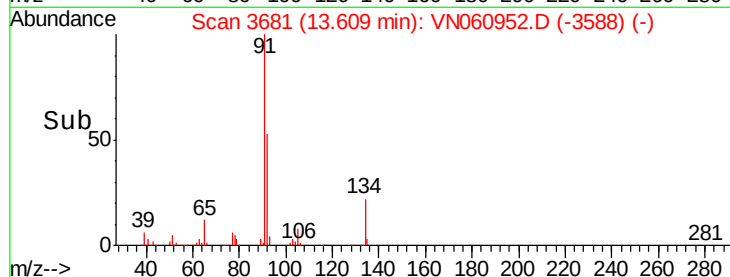
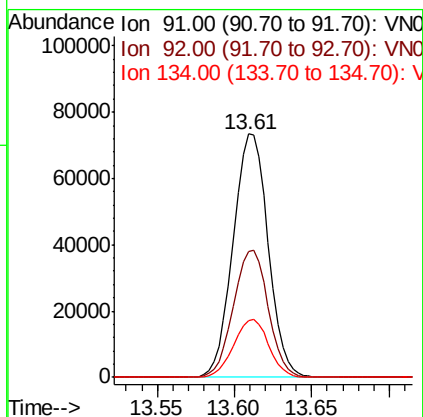
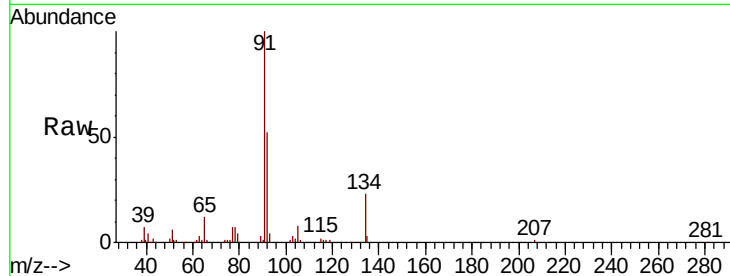




#89
n-Butylbenzene
Concen: 20.203 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

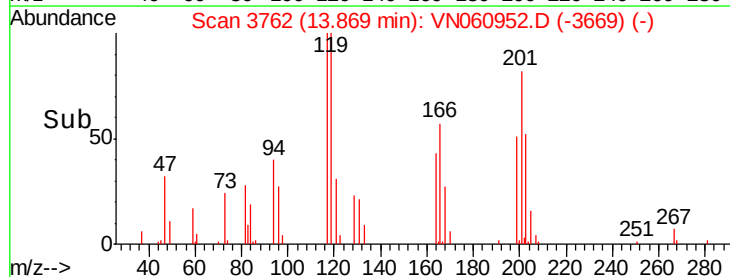
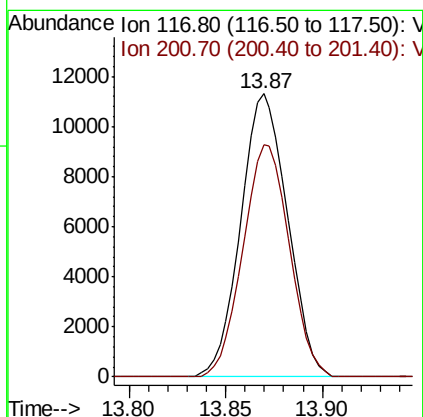
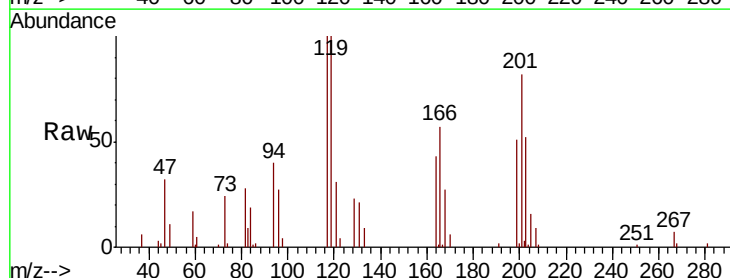
Instrument :
MSVOA_N
ClientSampleId :

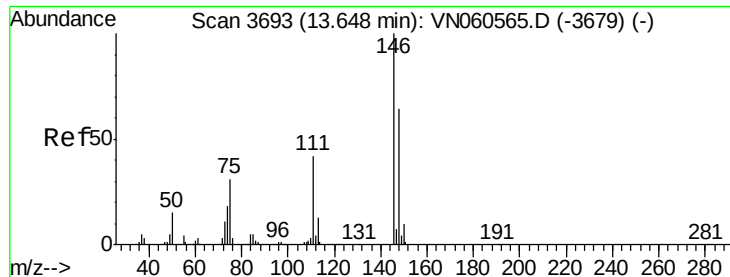
Tot Ion: 91 Resp: 115328
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 23.8 12.3 36.9



#90
Hexachloroethane
Concen: 20.744 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion: 117 Resp: 19065
Ion Ratio Lower Upper
117 100
201 81.2 40.8 122.5

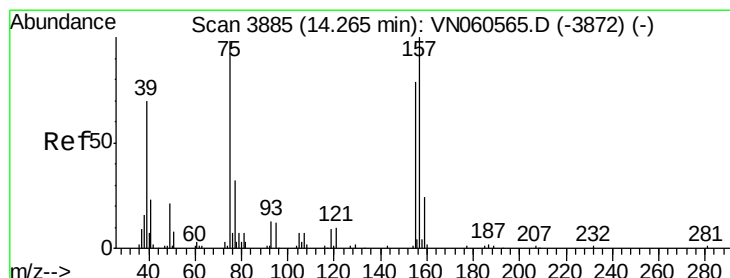
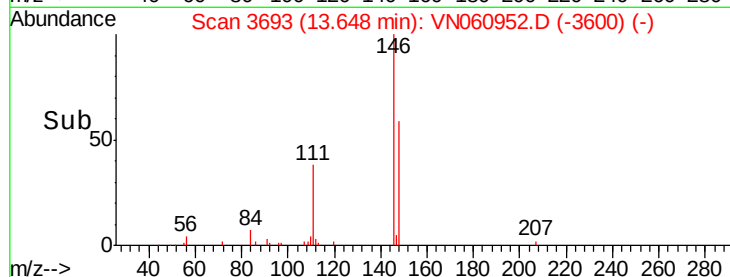
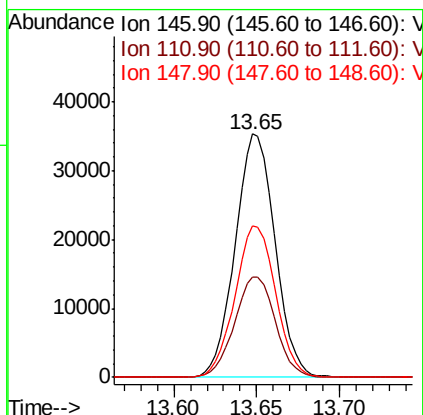
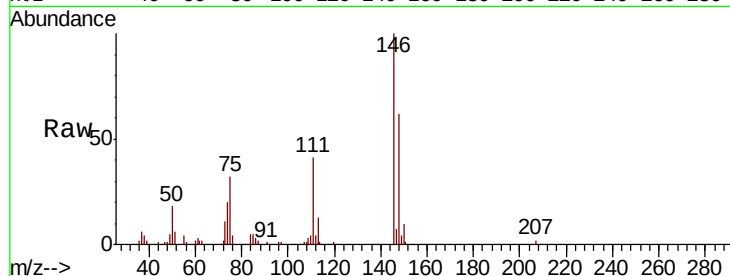




#91
 1,2-Dichlorobenzene
 Concen: 19.538 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

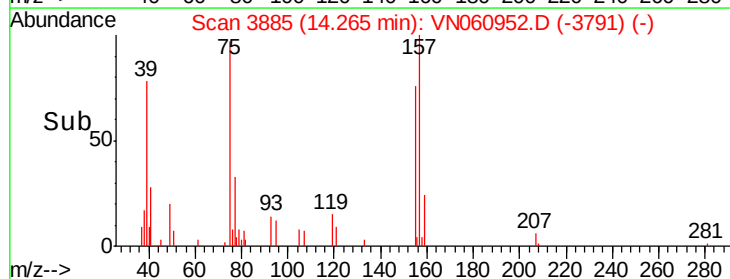
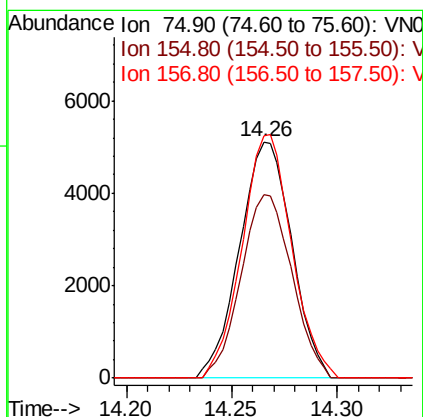
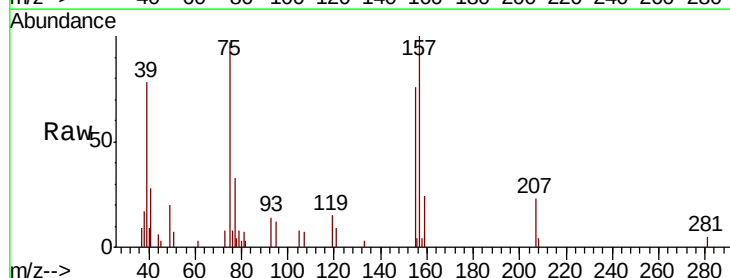
Instrument :
 MSVOA_N
 ClientSampleId :

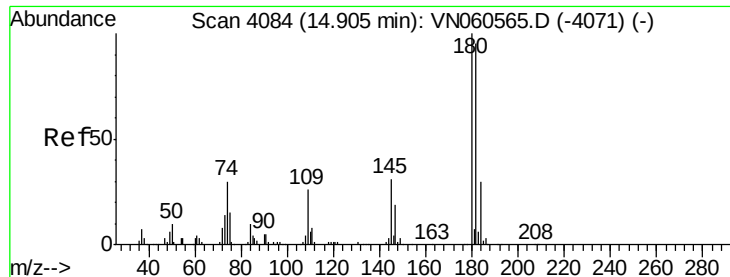
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	63.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.491 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.7	122.1
157	98.3	51.5	154.7

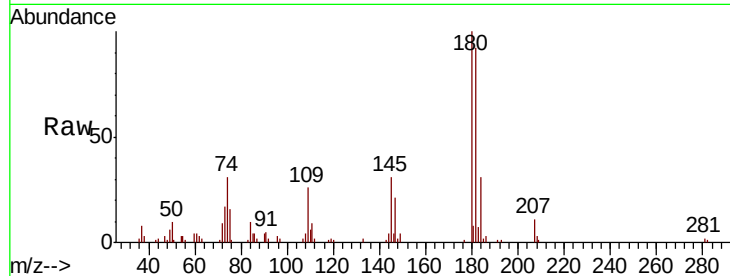




#93
 1,2,4-Trichlorobenzene
 Concen: 19.012 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	30.2	15.4	46.2

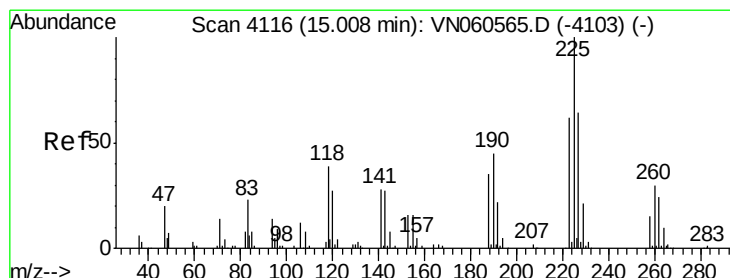
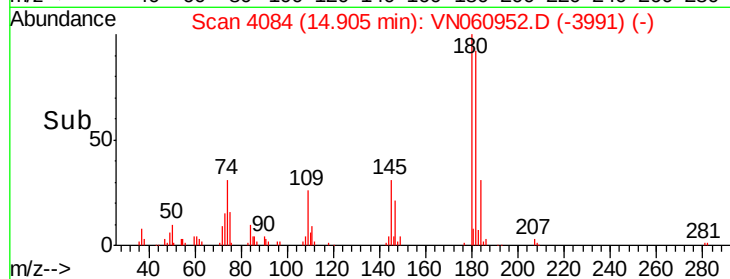
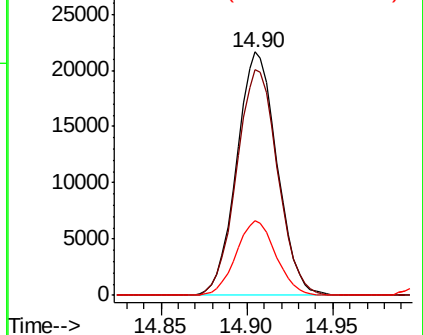


Abundance

Ion 179.80 (179.50 to 180.50): V

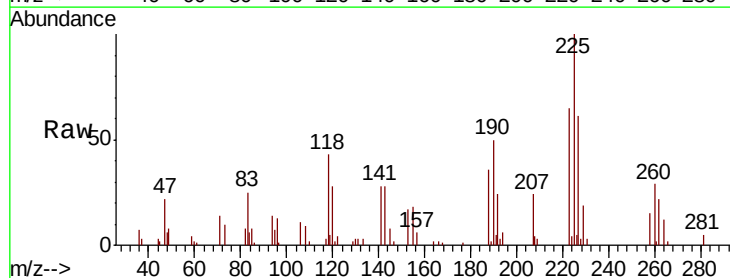
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.221 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060952.D
 Acq: 15 Apr 2020 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	95.0
227	61.1	32.3	96.8

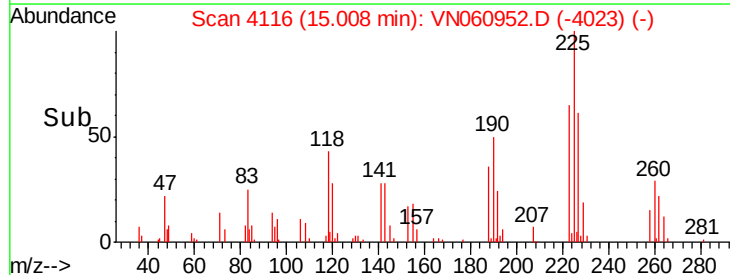
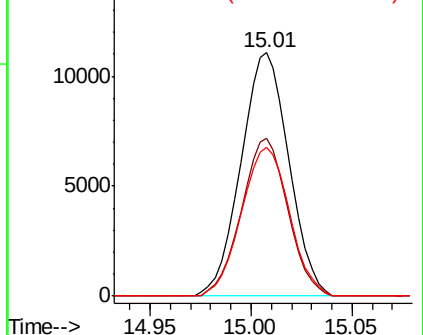


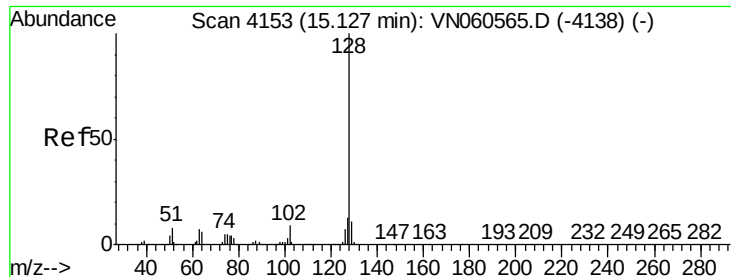
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

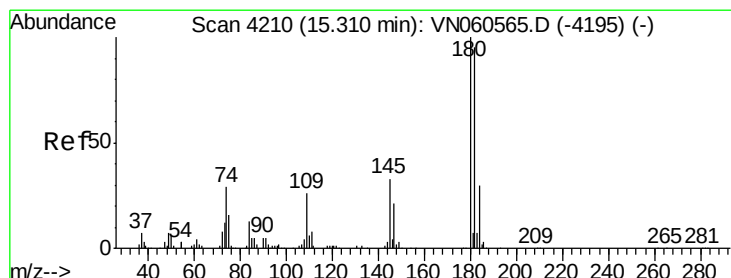
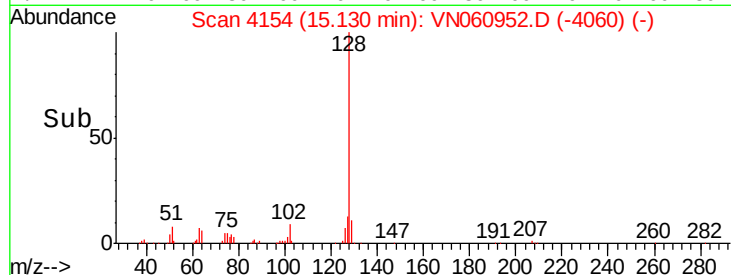
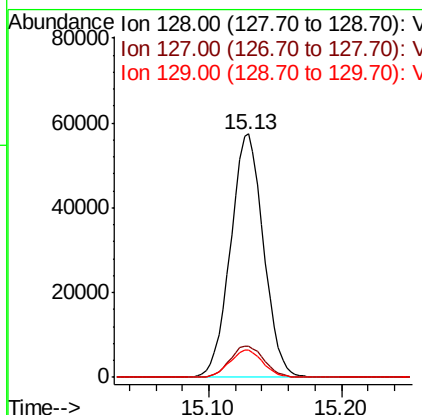
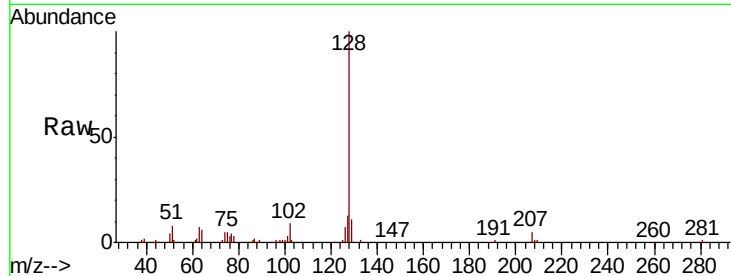




#95
Naphthalene
Concen: 17.759 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.774 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060952.D
Acq: 15 Apr 2020 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	33.2	16.3	48.8

