

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060980.D
 Acq On : 15 Apr 2020 22:40
 Operator : JC/MD
 Sample : VN0415WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:40:04 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	132317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	229152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	209331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96700	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	93224	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
35) Dibromofluoromethane	7.56	113	68806	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.08	98	267795	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.39	95	99063	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	20414	15.945	ug/l	99
3) Chloromethane	2.04	50	38209	15.979	ug/l	100
4) Vinyl Chloride	2.17	62	30978	16.564	ug/l	98
5) Bromomethane	2.55	94	16656	20.630	ug/l	98
6) Chloroethane	2.69	64	20236	18.783	ug/l	99
7) Trichlorofluoromethane	3.00	101	41821	18.152	ug/l	97
8) Diethyl Ether	3.38	74	18068	19.522	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	26011	19.484	ug/l	98
10) Methyl Iodide	3.93	142	18540	15.607	ug/l	99
11) Tert butyl alcohol	4.72	59	30470	114.062	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	25899	18.079	ug/l	100
13) Acrolein	3.58	56	22431	75.763	ug/l	98
14) Allyl chloride	4.29	41	49070	19.475	ug/l	94
15) Acrylonitrile	4.94	53	84357	107.387	ug/l	99
16) Acetone	3.78	43	68917	107.112	ug/l	99
17) Carbon Disulfide	4.03	76	68065	15.622	ug/l	99
18) Methyl Acetate	4.29	43	41138	22.715	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	97049	19.704	ug/l	98
20) Methylene Chloride	4.52	84	30570	19.314	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	27686	18.133	ug/l	96
22) Diisopropyl ether	5.91	45	112006	21.041	ug/l	99
23) Vinyl Acetate	5.86	43	454015	104.534	ug/l	99
24) 1,1-Dichloroethane	5.82	63	58529	20.169	ug/l	98
25) 2-Butanone	6.80	43	112283	107.845	ug/l	96
26) 2,2-Dichloropropane	6.79	77	41886	18.345	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	32806	18.908	ug/l	96
28) Bromochloromethane	7.17	49	30958	22.298	ug/l	95
29) Tetrahydrofuran	7.18	42	77556	105.281	ug/l	97
30) Chloroform	7.35	83	55573	19.976	ug/l	97
31) Cyclohexane	7.63	56	51977	17.767	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	46831	19.527	ug/l	98
36) 1,1-Dichloropropene	7.77	75	40814	18.394	ug/l	100
37) Ethyl Acetate	6.89	43	49676	20.719	ug/l	99
38) Carbon Tetrachloride	7.75	117	35891	18.047	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	45800	17.369	ug/l	97
40) Benzene	8.02	78	125286	18.704	ug/l	99
41) Methacrylonitrile	7.18	41	69519	67.942	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	44411	19.401	ug/l	99
43) Isopropyl Acetate	8.14	43	80928	20.467	ug/l	99
44) Trichloroethene	8.82	130	30841	18.265	ug/l	98
45) 1,2-Dichloropropane	9.10	63	35562	20.120	ug/l	96
46) Dibromomethane	9.19	93	20913	19.572	ug/l	97
47) Bromodichloromethane	9.38	83	43597	19.634	ug/l	99
48) Methyl methacrylate	9.18	41	34478	19.585	ug/l	99
49) 1,4-Dioxane	9.18	88	9636	460.499	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	237737	105.659	ug/l	98
52) Toluene	10.14	92	74974	18.533	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	48692	19.091	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	52847	18.887	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	30971	19.900	ug/l	99
56) Ethyl methacrylate	10.42	69	47000	19.368	ug/l	97
57) 1,3-Dichloropropane	10.70	76	53384	19.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	103045	85.439	ug/l	99
59) 2-Hexanone	10.74	43	170490	105.188	ug/l	98
60) Dibromochloromethane	10.89	129	31274	19.454	ug/l	100
61) 1,2-Dibromoethane	10.99	107	29456	18.822	ug/l	99
64) Tetrachloroethene	10.62	164	27502	16.696	ug/l	99
65) Chlorobenzene	11.42	112	76733	18.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	29503	19.636	ug/l	98
67) Ethyl Benzene	11.50	91	145497	18.854	ug/l	100
68) m/p-Xylenes	11.61	106	105057	36.634	ug/l	98
69) o-Xylene	11.94	106	50802	18.557	ug/l	100
70) Styrene	11.96	104	81910	18.294	ug/l	99
71) Bromoform	12.12	173	22347	18.974	ug/l #	98
73) Isopropylbenzene	12.24	105	135820	18.716	ug/l	99
74) N-amyl acetate	12.06	43	64906	19.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	45034	20.521	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	58608	28.088	ug/l #	100
77) Bromobenzene	12.52	156	32028	18.316	ug/l	95
78) n-propylbenzene	12.58	91	159653	18.621	ug/l	99
79) 2-Chlorotoluene	12.67	91	95271	18.598	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	113899	18.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	14450	17.786	ug/l	96
82) 4-Chlorotoluene	12.77	91	98218	18.825	ug/l	98
83) tert-Butylbenzene	12.99	119	97140	19.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	113588	18.644	ug/l	100
85) sec-Butylbenzene	13.17	105	131211	19.113	ug/l	99
86) p-Isopropyltoluene	13.28	119	113437	18.376	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	57788	18.737	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	57425	18.533	ug/l	99
89) n-Butylbenzene	13.61	91	104042	18.667	ug/l	100
90) Hexachloroethane	13.87	117	18566	20.691	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	56567	19.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8768	18.908	ug/l	95

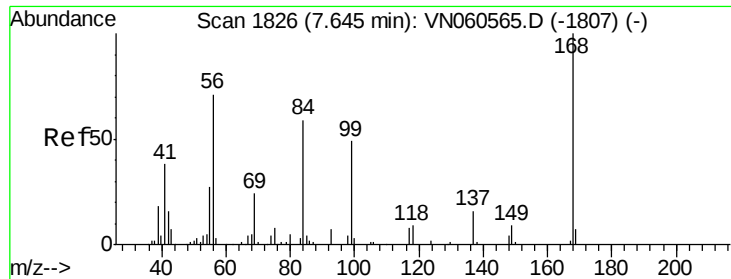
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	33259	18.365	ug/l	100
94) Hexachlorobutadiene	15.01	225	16297	18.357	ug/l	99
95) Naphthalene	15.13	128	97997	17.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	32546	18.245	ug/l	99

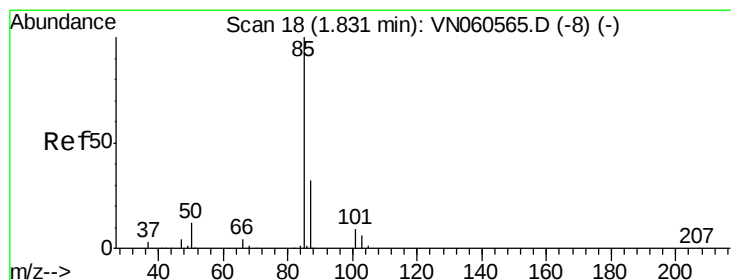
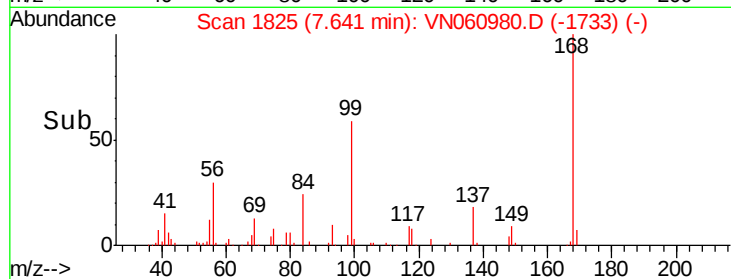
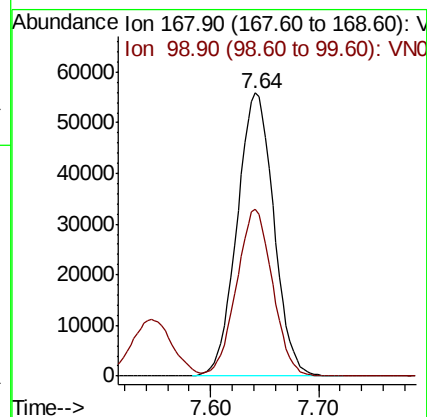
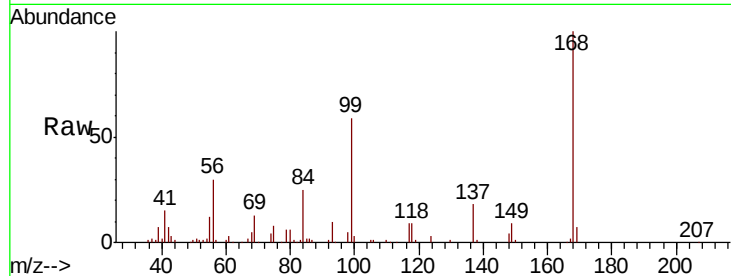
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

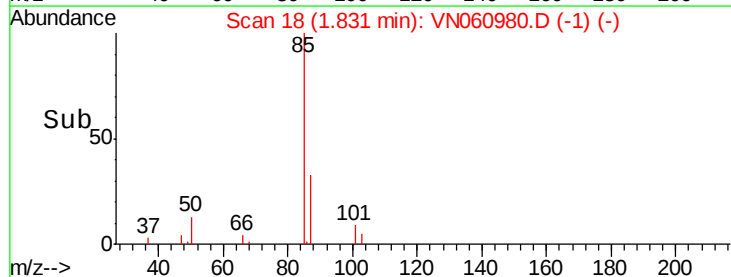
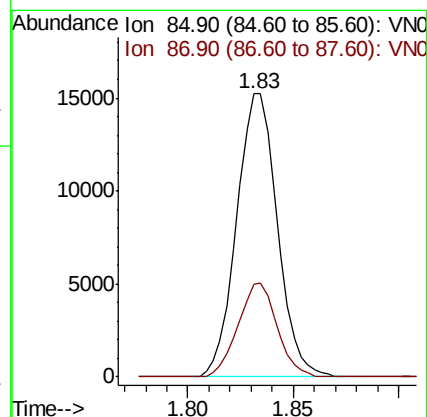
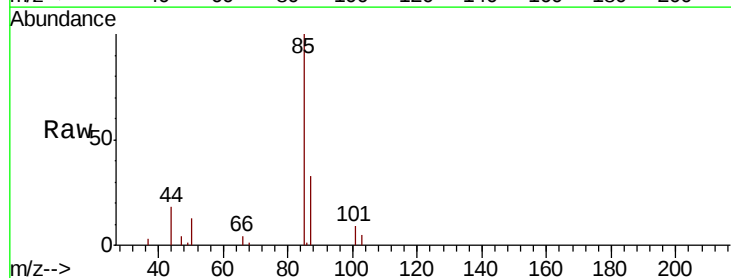
Instrument :
MSVOA_N
ClientSampled :

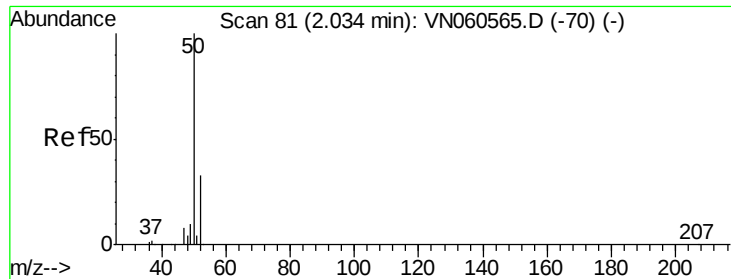
Tot Ion:168 Resp: 132317
Ion Ratio Lower Upper
168 100
99 58.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 15.945 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 85 Resp: 20414
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.5





#3

Chloromethane

Concen: 15.979 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

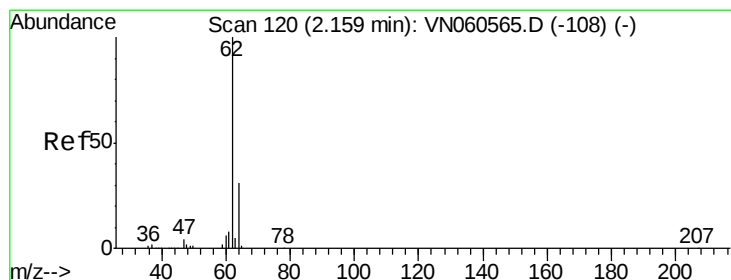
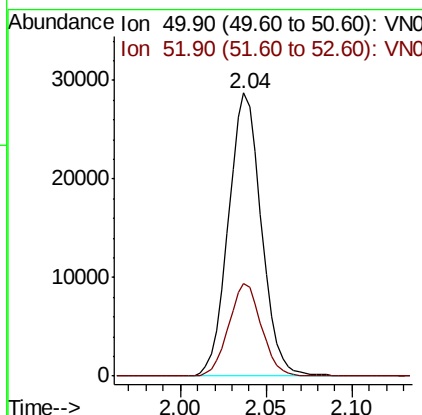
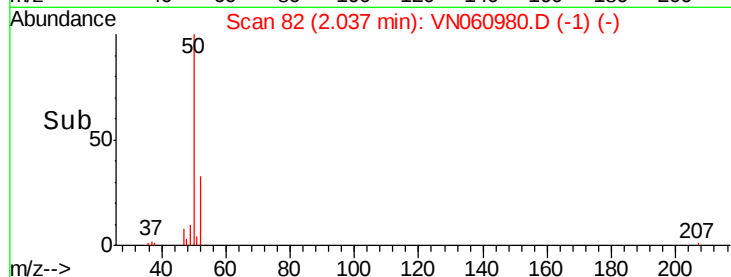
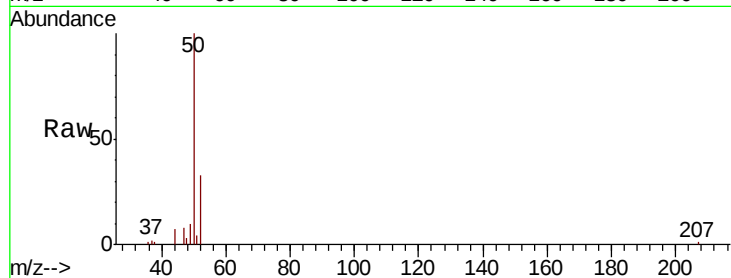
ClientSampled :

Tot Ion: 50 Resp: 38209

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 16.564 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060980.D

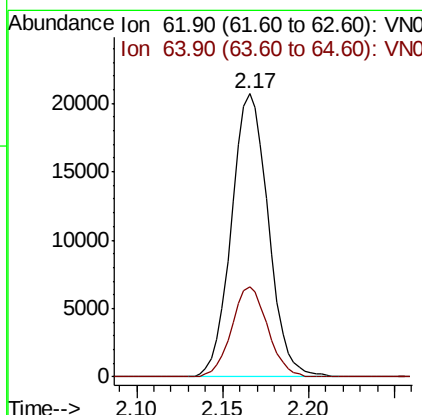
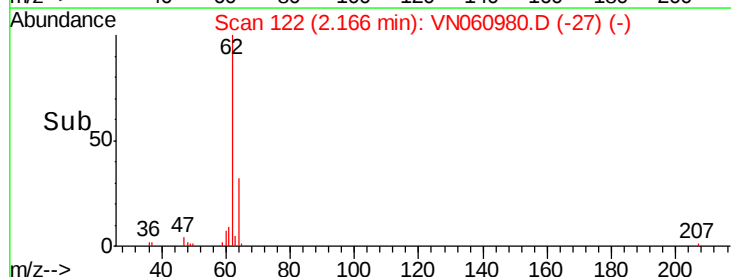
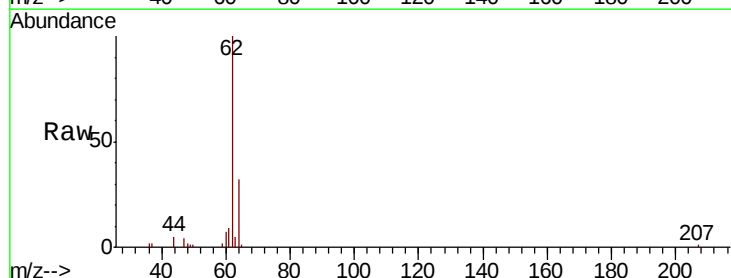
Acq: 15 Apr 2020 22:40

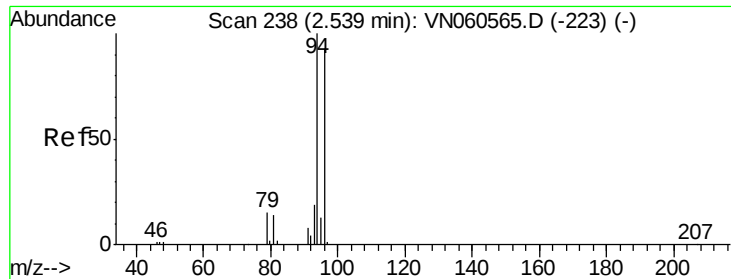
Tgt Ion: 62 Resp: 30978

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 20.630 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

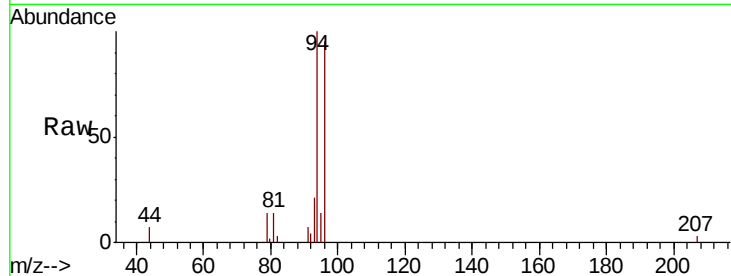
ClientSampleId :

Tot Ion: 94 Resp: 16656

Ion Ratio Lower Upper

94 100

96 95.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060980.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060980.D (-145) (-)

2.55

10000

8000

6000

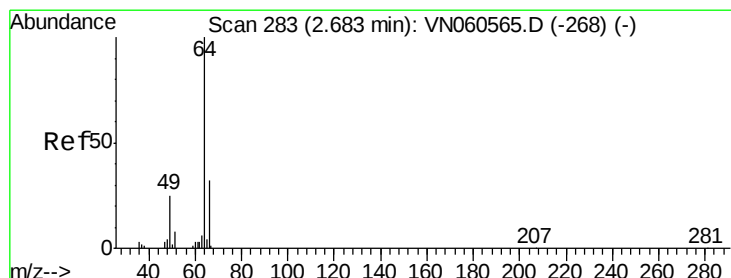
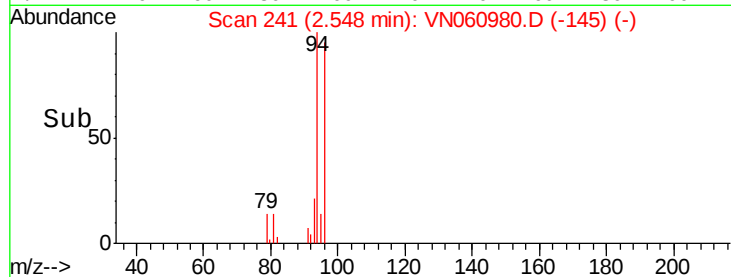
4000

2000

0

Time-->

2.50 2.55 2.60



#6

Chloroethane

Concen: 18.783 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060980.D

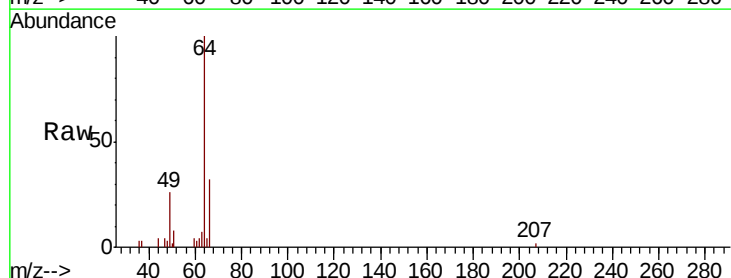
Acq: 15 Apr 2020 22:40

Tgt Ion: 64 Resp: 20236

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060980.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060980.D (-190) (-)

12000

10000

8000

6000

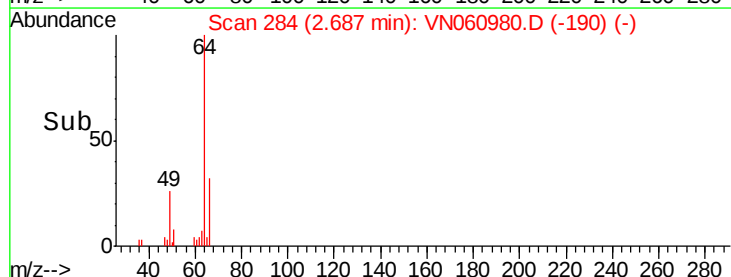
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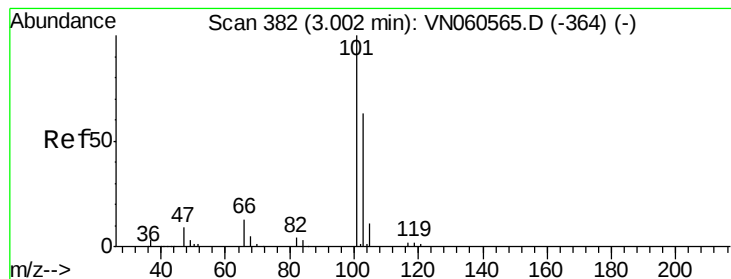
2000

0

Time-->

2.60 2.65 2.70 2.75



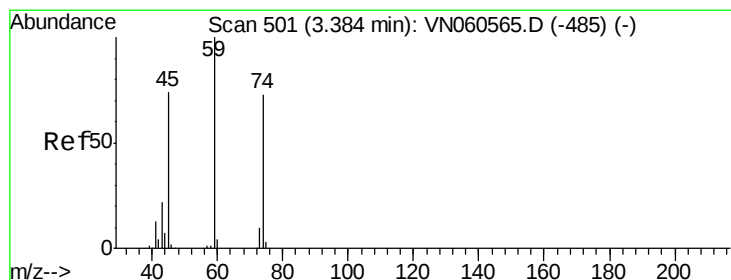
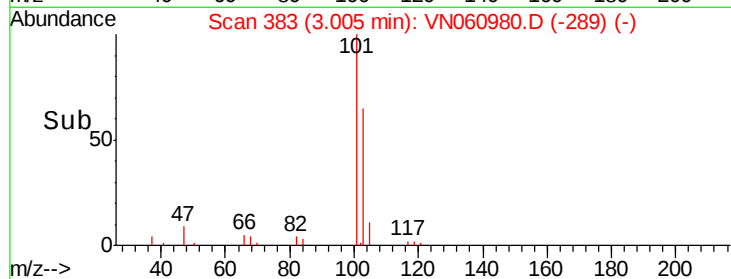
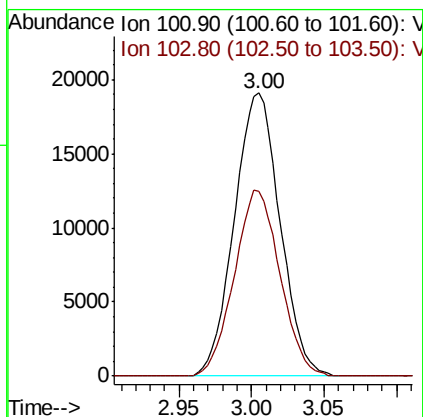
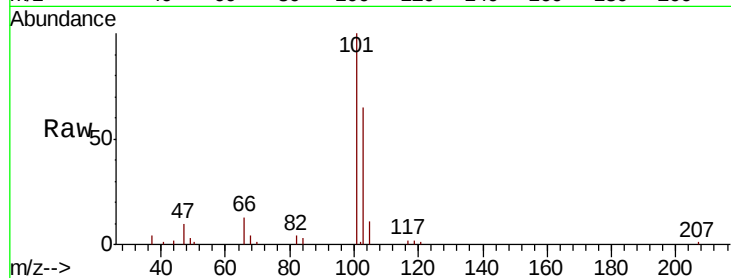


#7

Trichlorofluoromethane
Concen: 18.152 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :

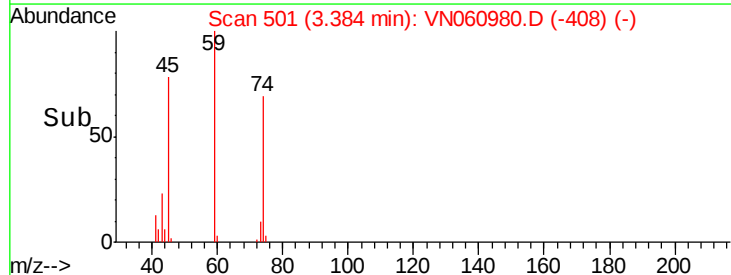
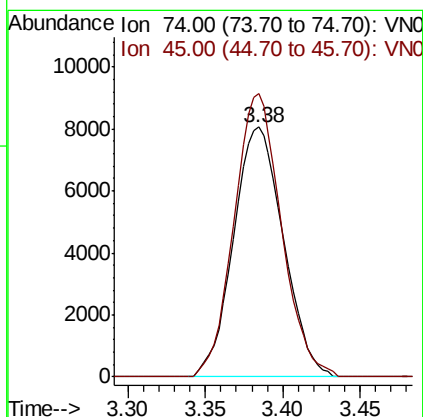
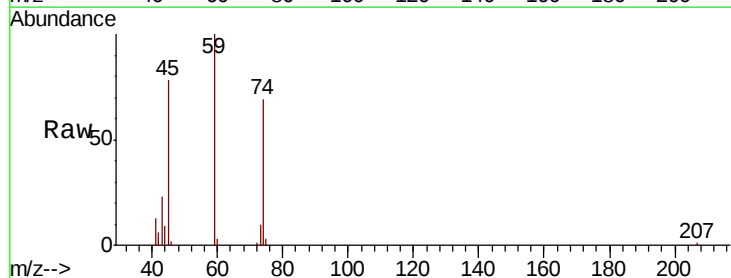
Tot Ion:101 Resp: 41821
Ion Ratio Lower Upper
101 100
103 65.3 50.6 76.0



#8

Diethyl Ether
Concen: 19.522 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 74 Resp: 18068
Ion Ratio Lower Upper
74 100
45 107.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.484 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

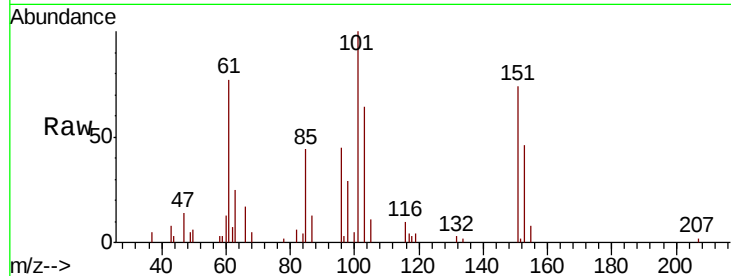
Tot Ion:101 Resp: 26011

Ion Ratio Lower Upper

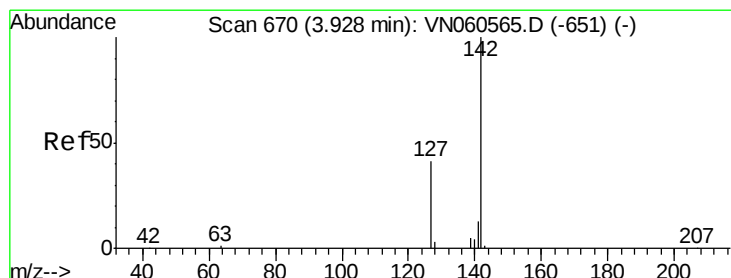
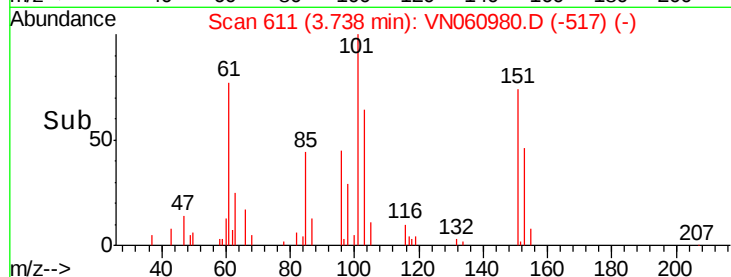
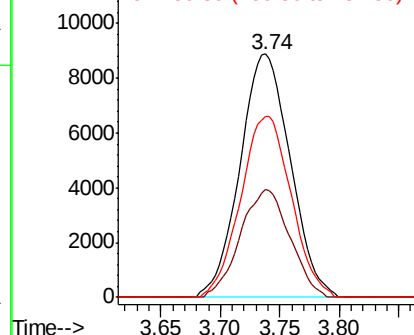
101 100

85 43.6 35.6 53.4

151 74.7 61.4 92.2



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



#10

Methyl Iodide

Concen: 15.607 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

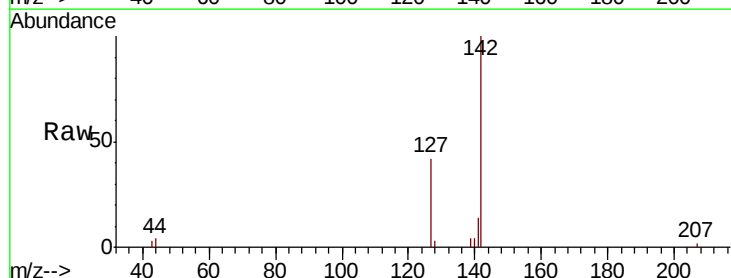
Tgt Ion:142 Resp: 18540

Ion Ratio Lower Upper

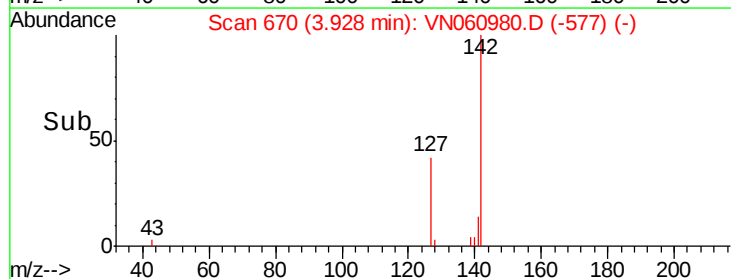
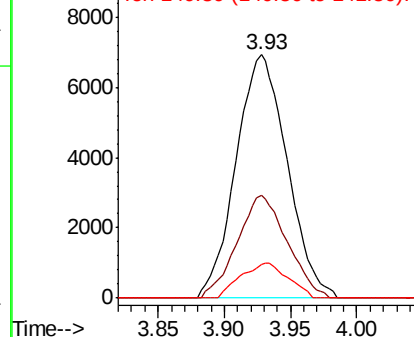
142 100

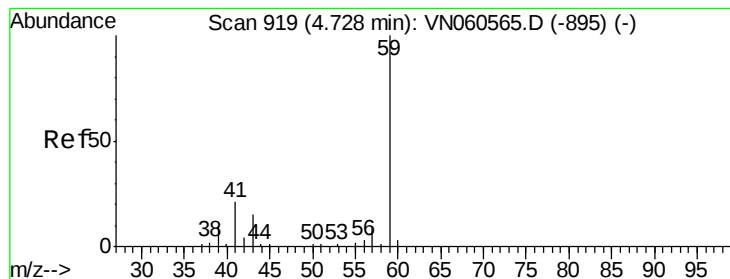
127 41.2 33.5 50.3

141 13.3 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



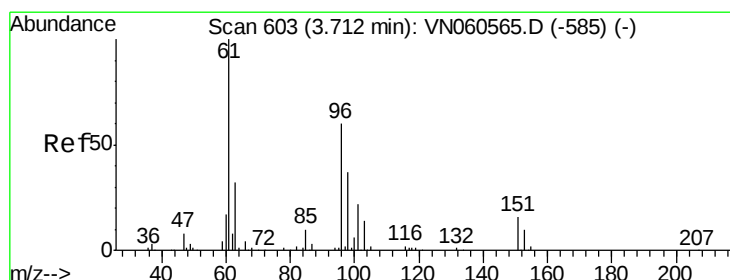
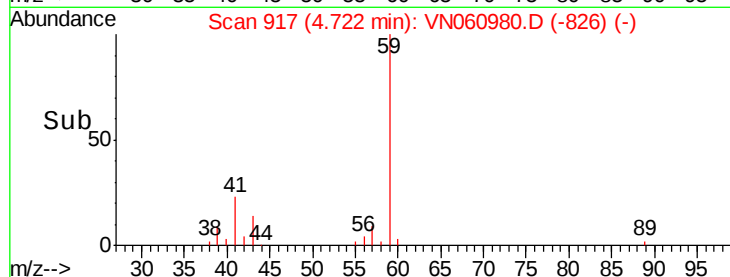
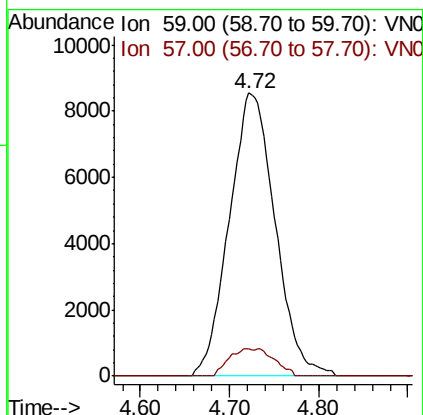
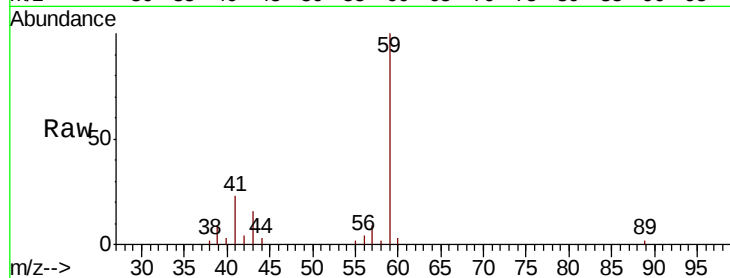


#11

Tert butyl alcohol
 Concen: 114.062 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :

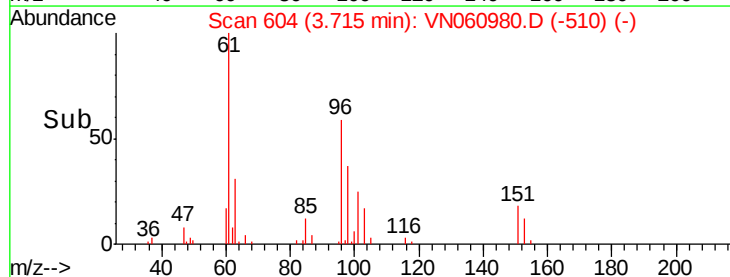
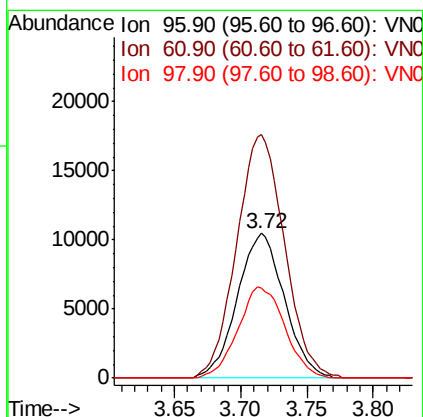
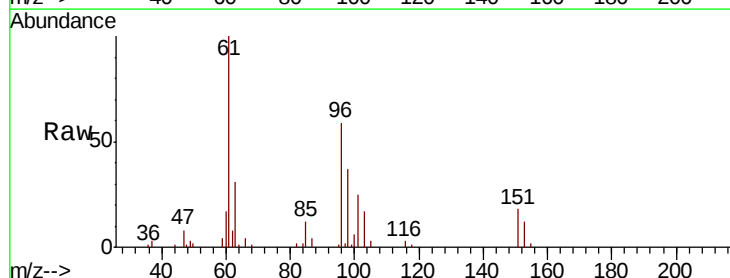
Tot Ion: 59 Resp: 30470
 Ion Ratio Lower Upper
 59 100
 57 4.9 8.2 12.4#

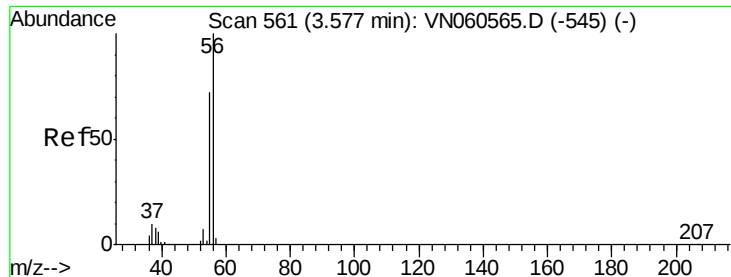


#12

1,1-Dichloroethene
 Concen: 18.079 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 96 Resp: 25899
 Ion Ratio Lower Upper
 96 100
 61 168.1 134.1 201.1
 98 61.9 49.9 74.9





#13

Acrolein

Concen: 75.763 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

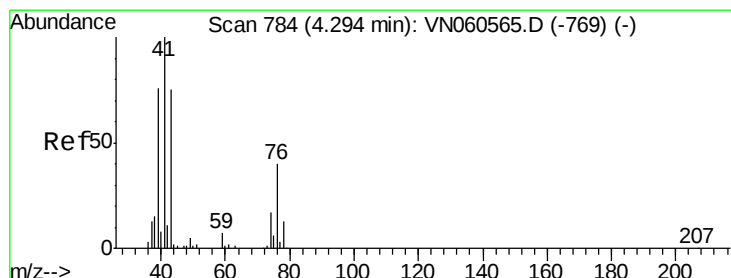
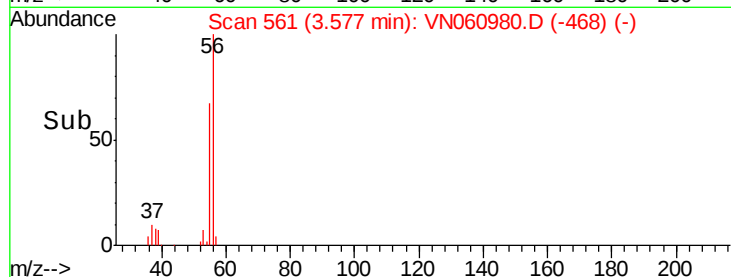
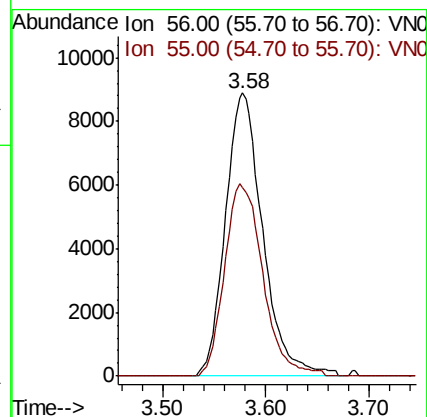
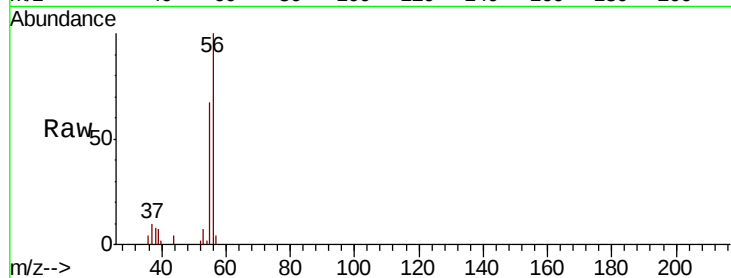
ClientSampleId :

Tot Ion: 56 Resp: 22431

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 19.475 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

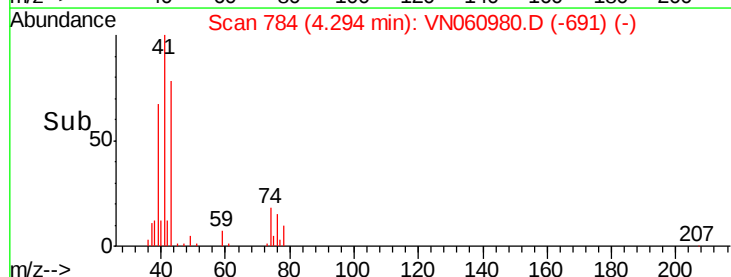
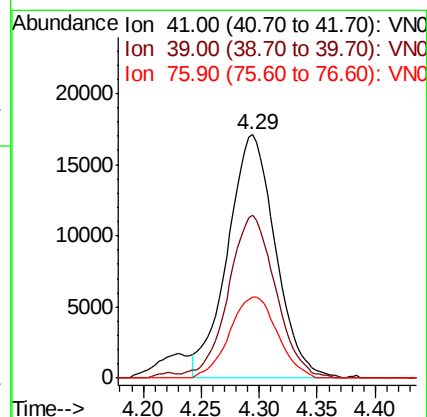
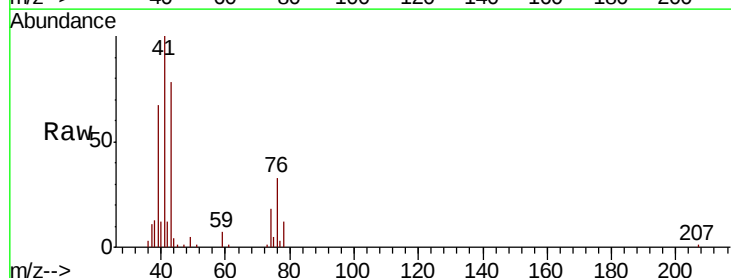
Tgt Ion: 41 Resp: 49070

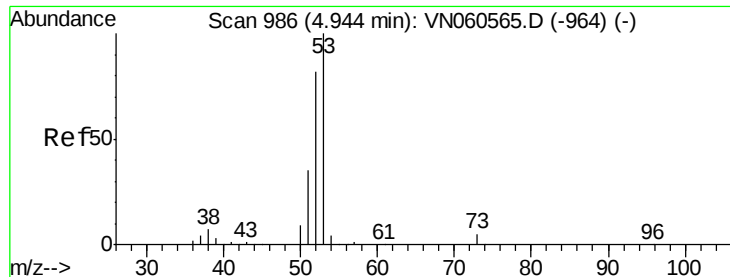
Ion Ratio Lower Upper

41 100

39 66.3 57.8 86.8

76 33.3 28.6 43.0





#15

Acrylonitrile

Concen: 107.387 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

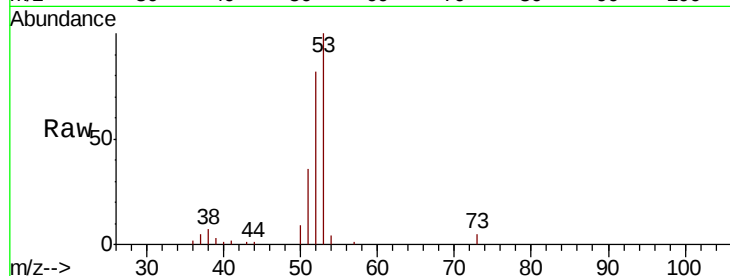
Tot Ion: 53 Resp: 84357

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

51 36.2 28.7 43.1

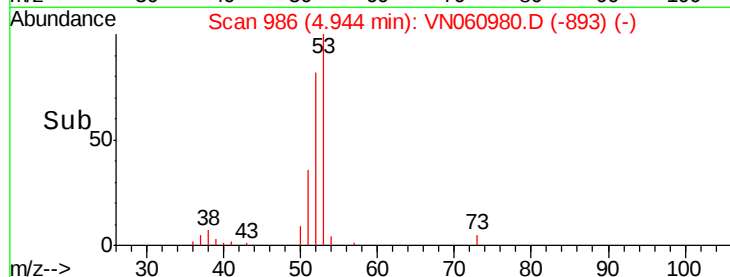


Abundance Ion 53.00 (52.70 to 53.70): VN060980.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060980.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060980.D (-964) (-)

Time-->

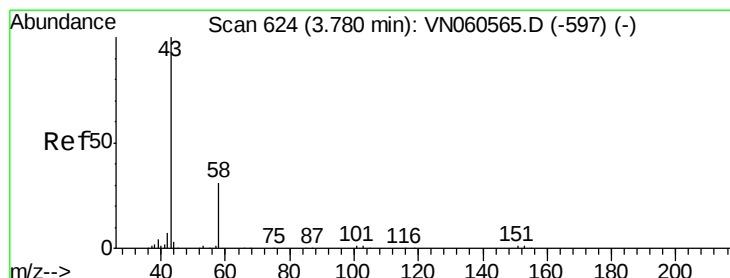


Abundance Ion 53.00 (52.70 to 53.70): VN060980.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060980.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060980.D (-893) (-)

Time-->



#16

Acetone

Concen: 107.112 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060980.D

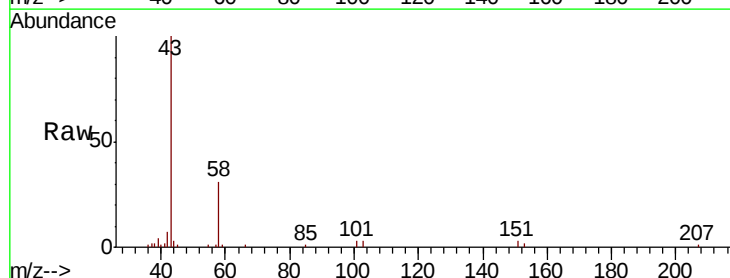
Acq: 15 Apr 2020 22:40

Tgt Ion: 43 Resp: 68917

Ion Ratio Lower Upper

43 100

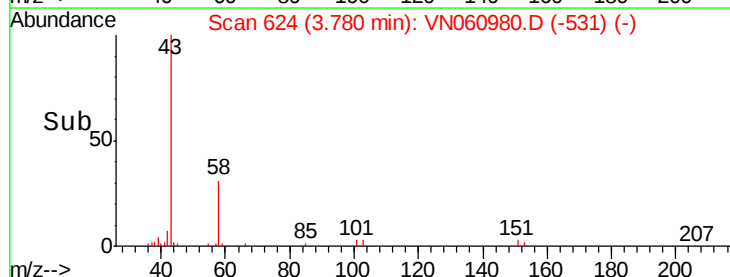
58 30.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060980.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060980.D (-597) (-)

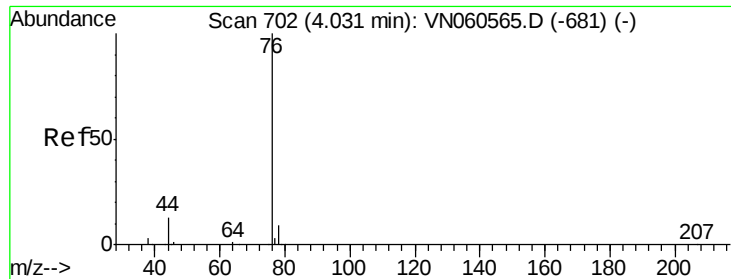
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN060980.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060980.D (-531) (-)

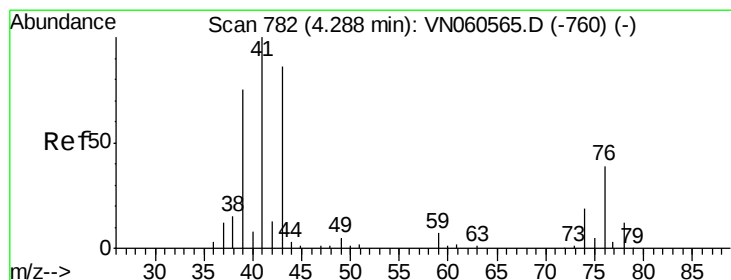
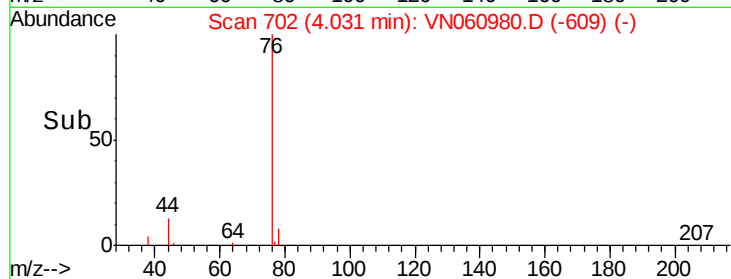
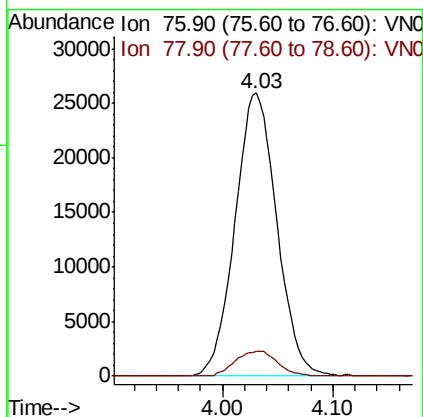
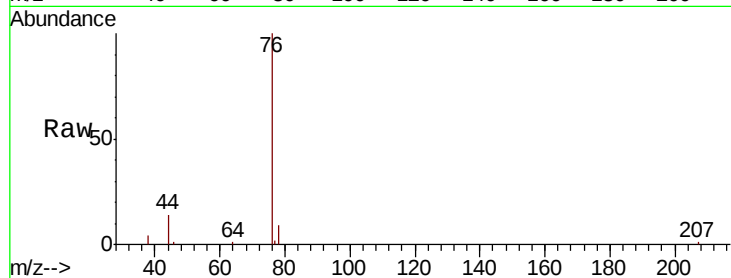
Time-->



#17
Carbon Disulfide
Concen: 15.622 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

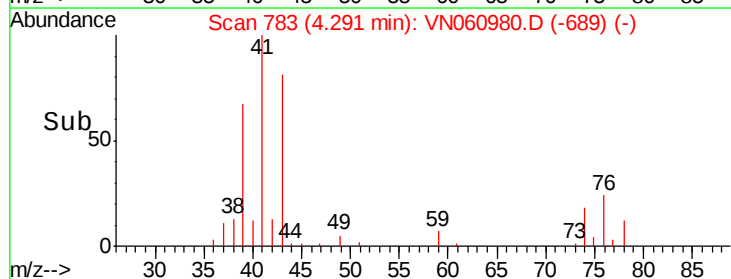
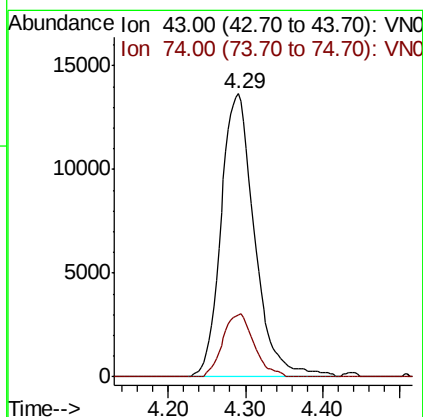
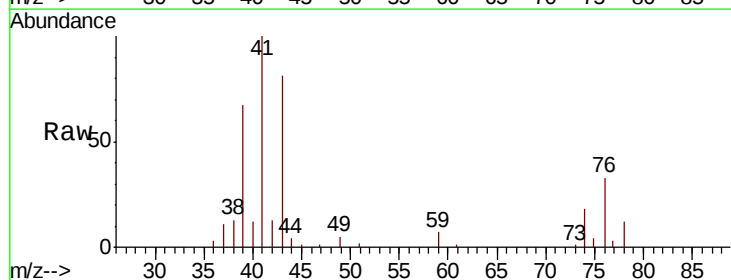
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 68065
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 22.715 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 43 Resp: 41138
Ion Ratio Lower Upper
43 100
74 20.7 17.5 26.3

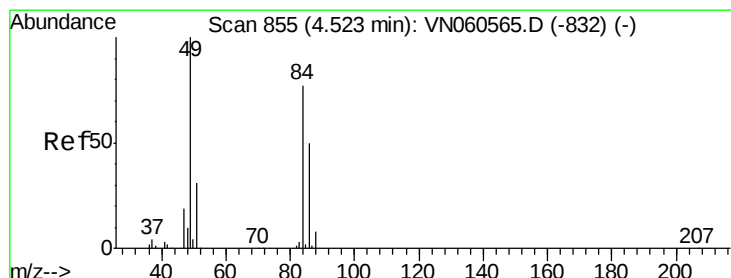
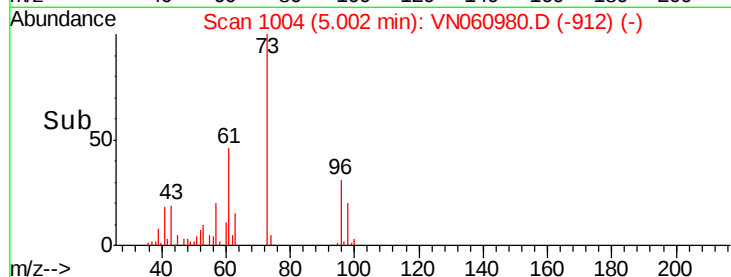
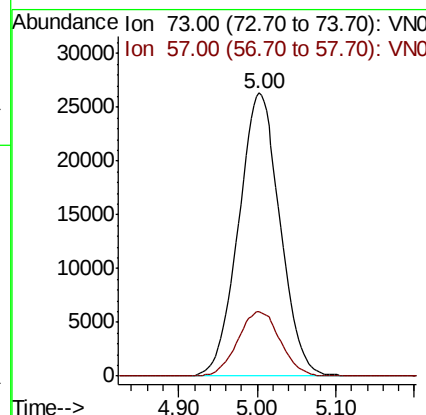
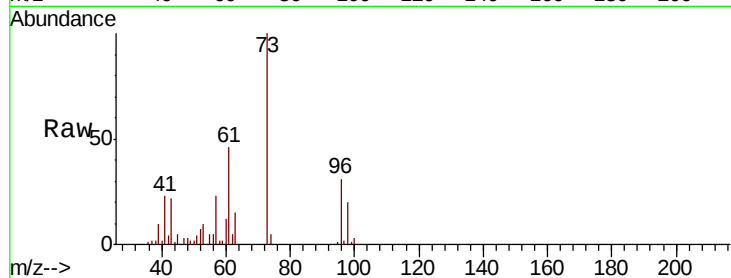




#19
Methyl tert-butyl Ether
Concen: 19.704 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

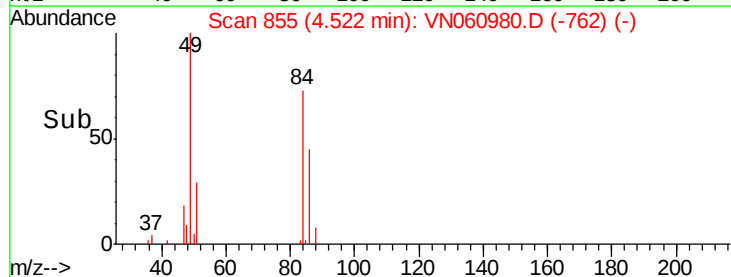
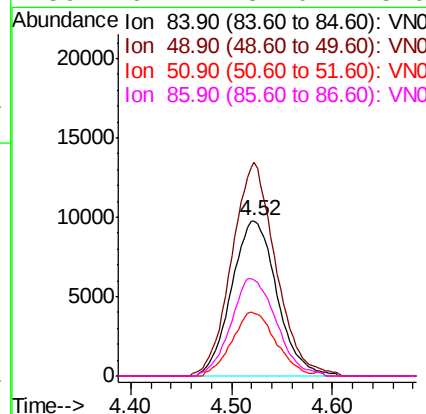
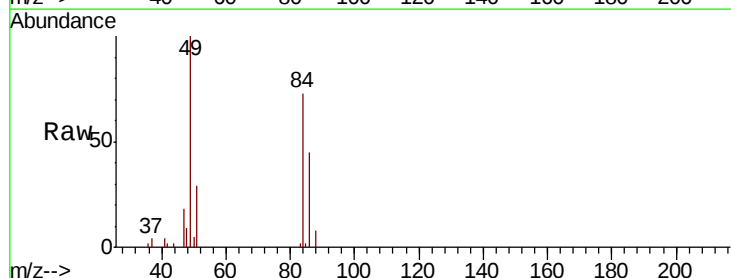
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 97049
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 19.314 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 84 Resp: 30570
Ion Ratio Lower Upper
84 100
49 137.5 103.3 154.9
51 40.4 31.6 47.4
86 62.1 52.0 78.0



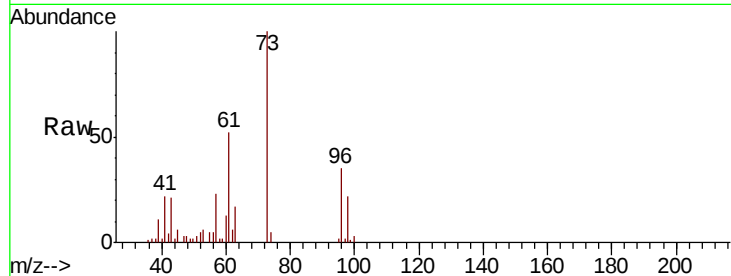


#21

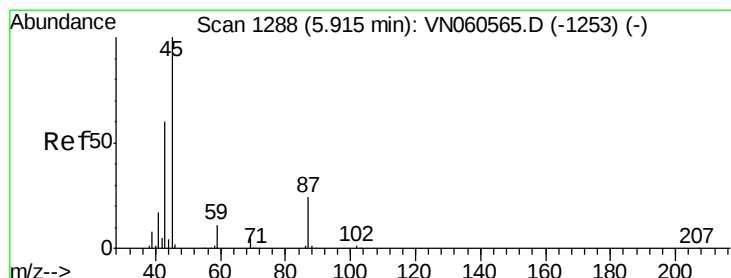
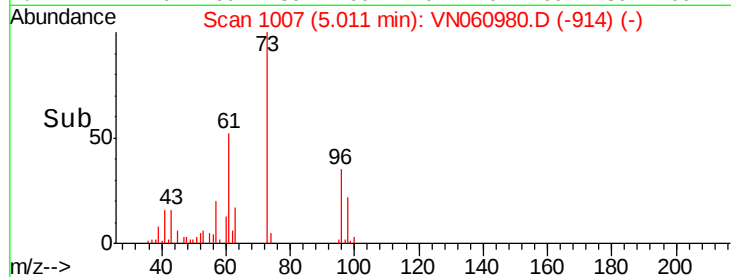
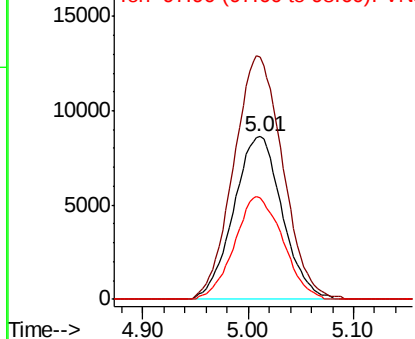
trans-1,2-Dichloroethene
Concen: 18.133 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 27686
Ion Ratio Lower Upper
96 100
61 149.2 114.4 171.6
98 62.6 48.4 72.6



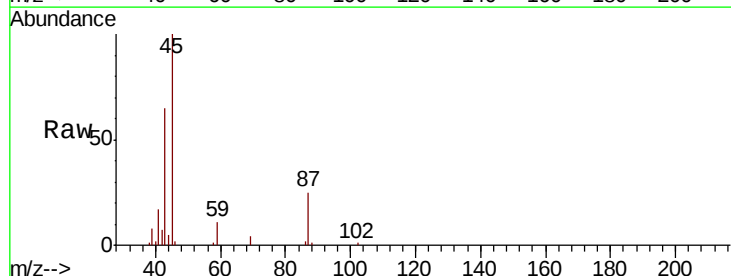
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



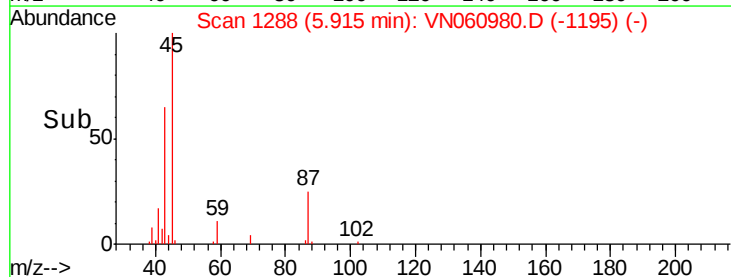
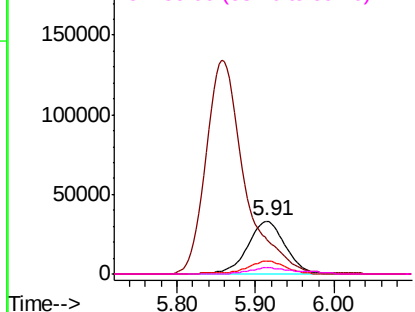
#22

Diisopropyl ether
Concen: 21.041 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 45 Resp: 112006
Ion Ratio Lower Upper
45 100
43 63.2 49.8 74.8
87 25.0 20.1 30.1
59 11.2 9.2 13.8



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





#23

Vinyl Acetate

Concen: 104.534 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

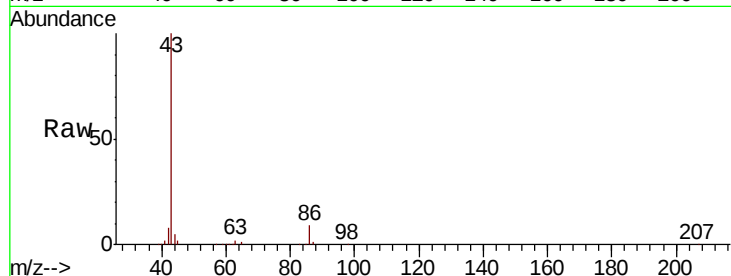
ClientSampled :

Tot Ion: 43 Resp: 454015

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060980.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060980.D (-1178) (-)

5.86

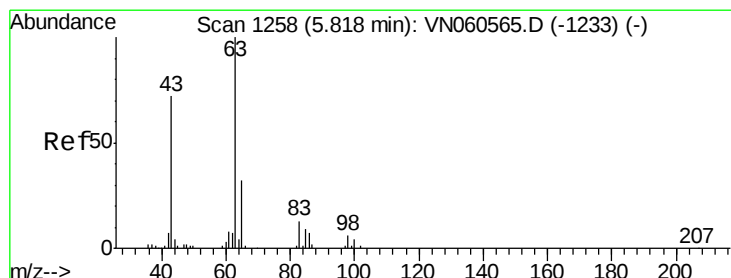
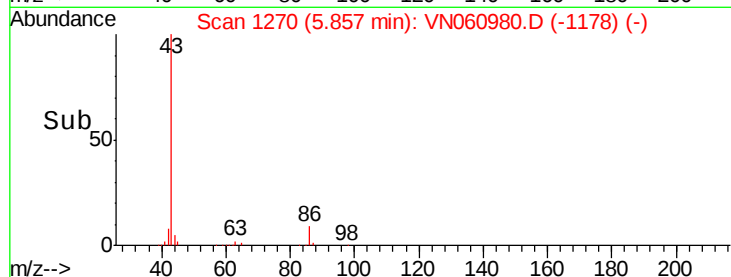
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 20.169 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

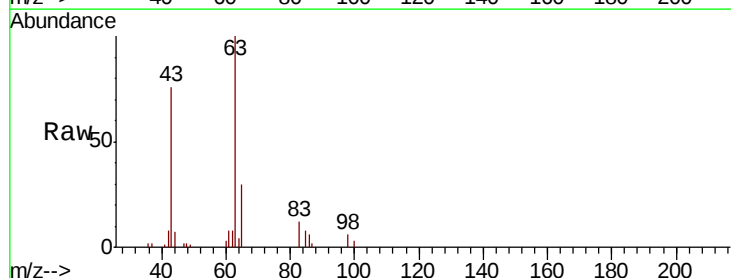
Tgt Ion: 63 Resp: 58529

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 2.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060980.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060980.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060980.D (-1165) (-)

25000

20000

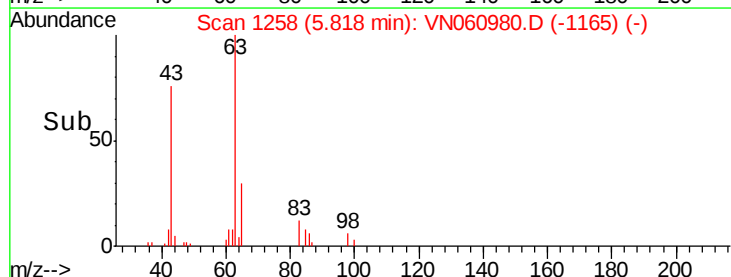
15000

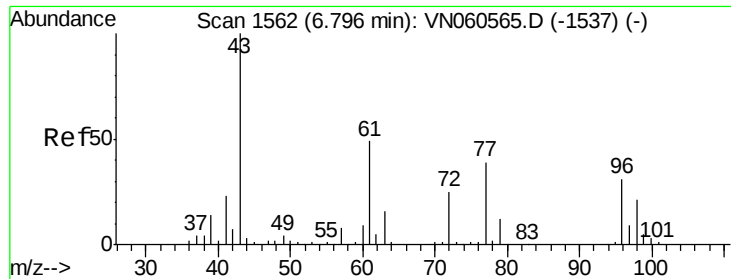
10000

5000

0

Time--> 5.70 5.80 5.90

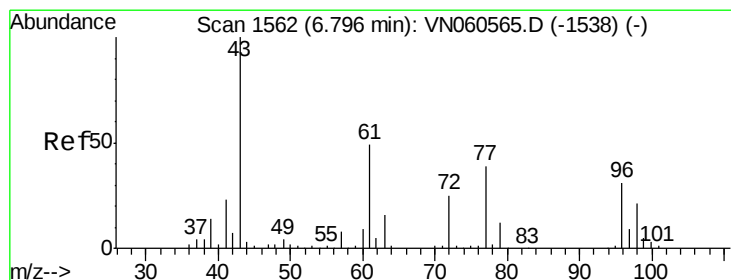
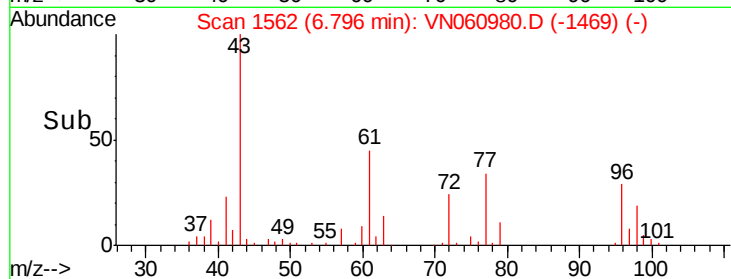
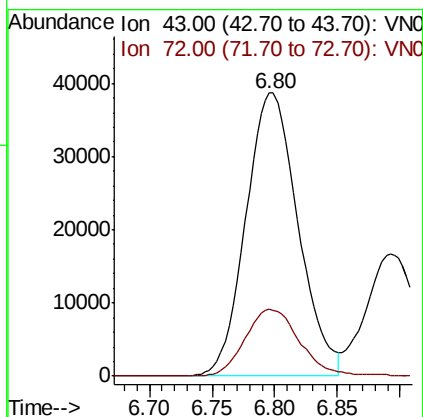
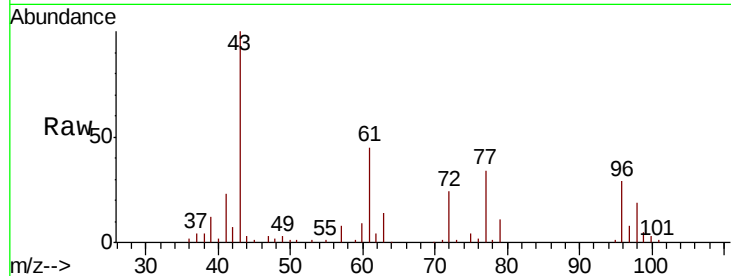




#25
2-Butanone
Concen: 107.845 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

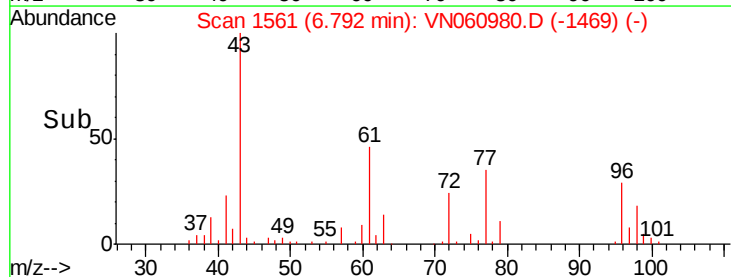
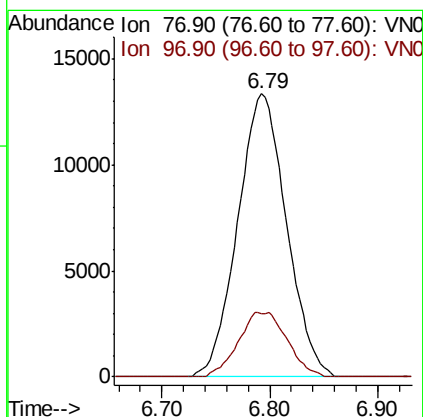
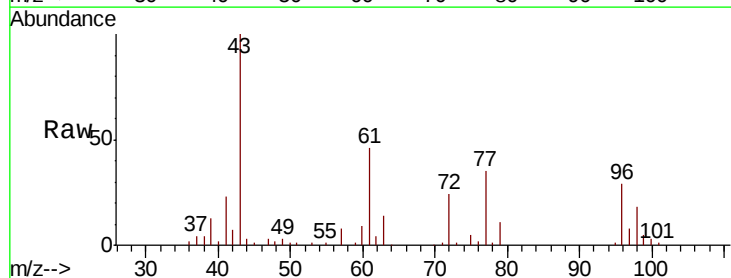
Instrument :
MSVOA_N
ClientSampled :

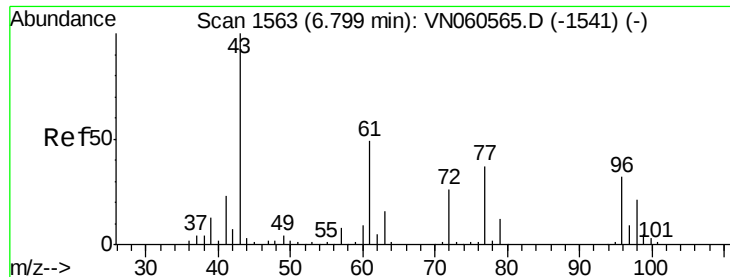
Tot Ion: 43 Resp: 112283
Ion Ratio Lower Upper
43 100
72 23.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 18.345 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 77 Resp: 41886
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.908 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

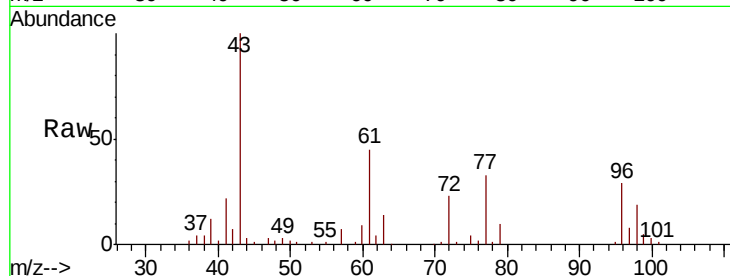
Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 32806

Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	305.6
98	64.5	0.0	127.6

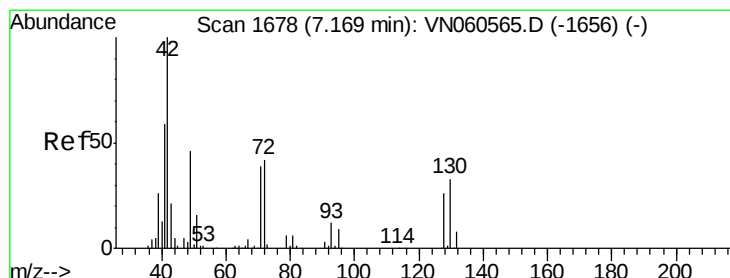
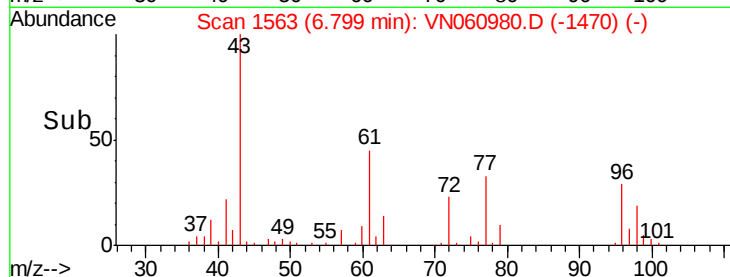
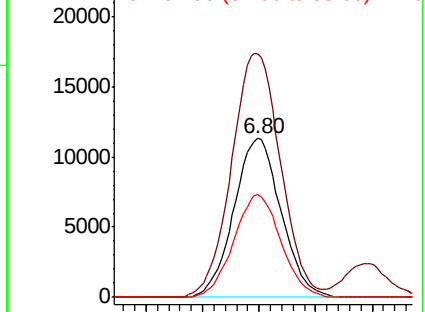


Abundance

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: 22.298 ug/l

RT: 7.17 min Scan# 1677

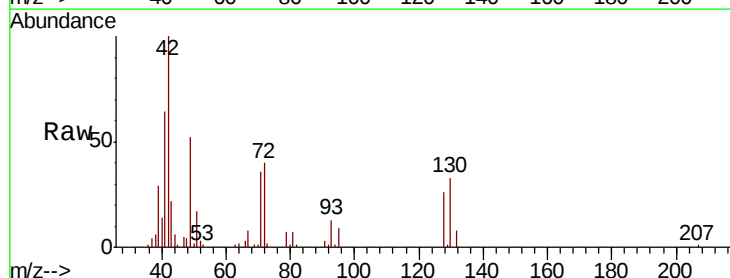
Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Tgt Ion: 49 Resp: 30958

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	64.6	55.0	82.4

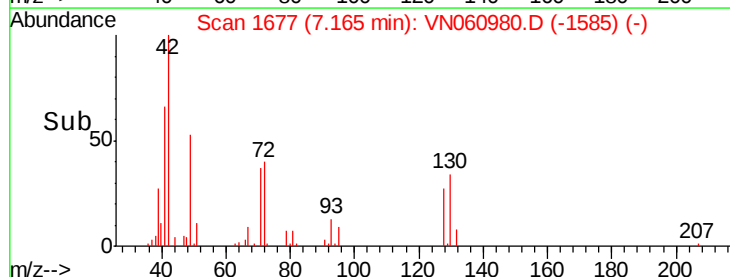
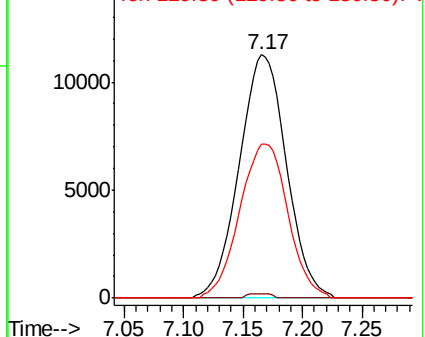


Abundance

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

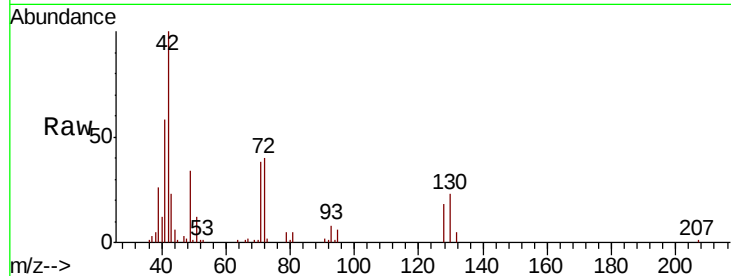




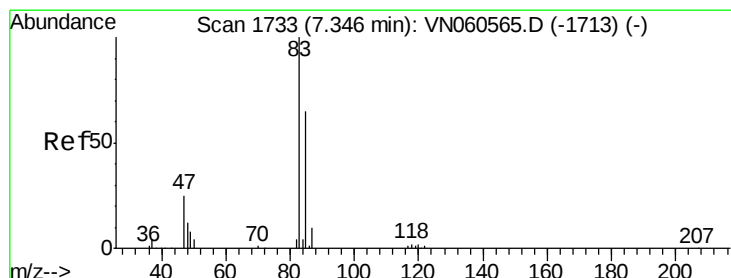
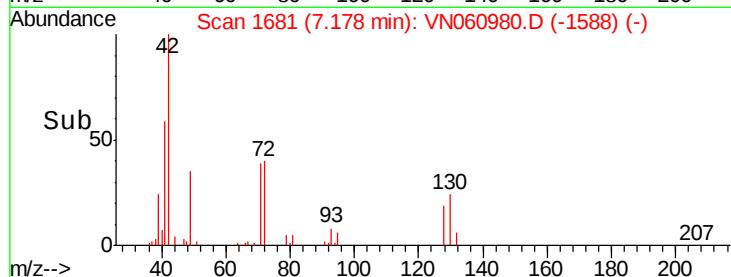
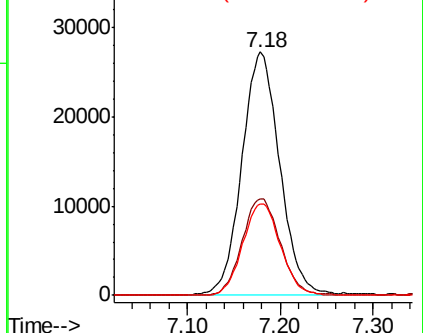
#29
Tetrahydrofuran
Concen: 105.281 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 77556
Ion Ratio Lower Upper
42 100
72 39.8 33.2 49.8
71 37.2 31.1 46.7

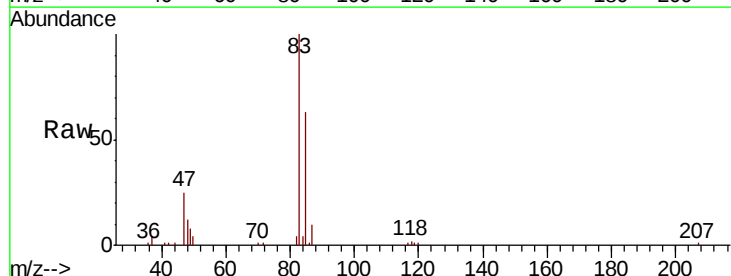


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

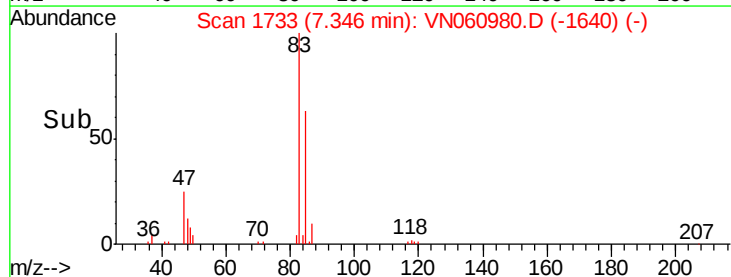
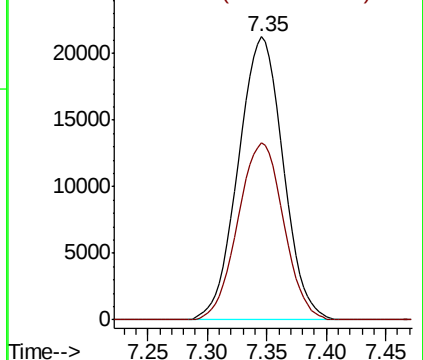


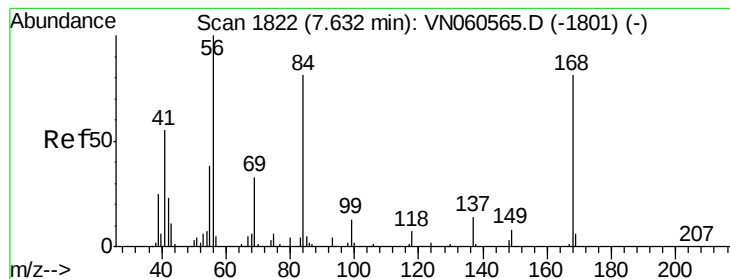
#30
Chloroform
Concen: 19.976 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 83 Resp: 55573
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.8



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





#31

Cyclohexane

Concen: 17.767 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampled :

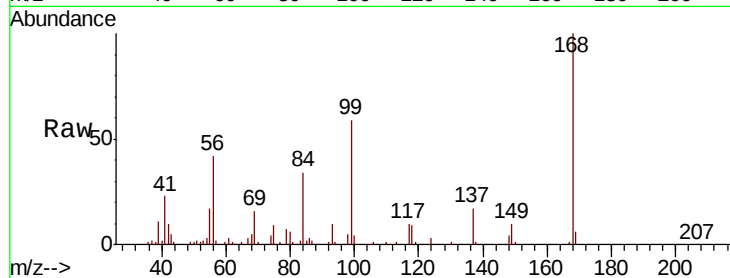
Tot Ion: 56 Resp: 51977

Ion Ratio Lower Upper

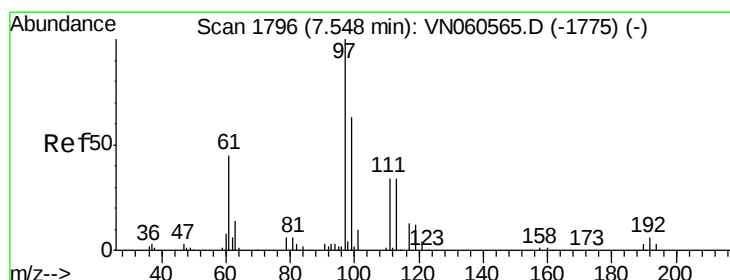
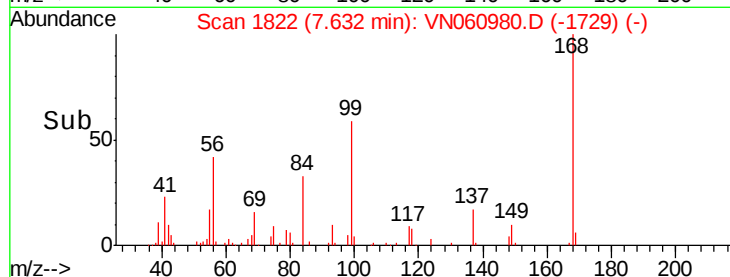
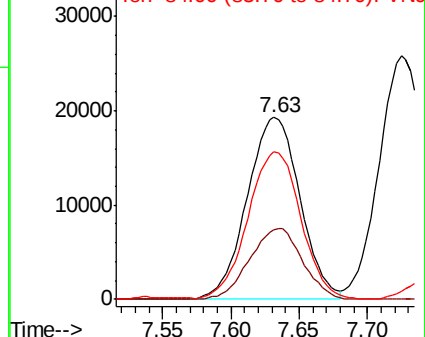
56 100

69 38.6 26.6 40.0

84 80.3 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 19.527 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

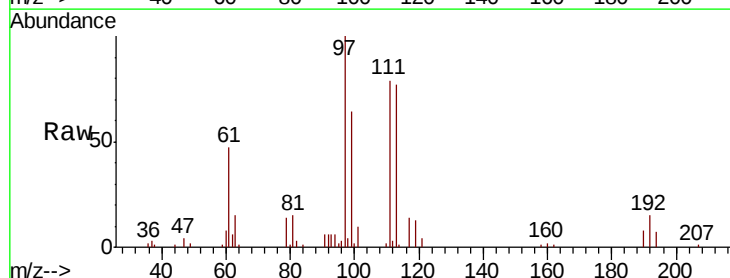
Tgt Ion: 97 Resp: 46831

Ion Ratio Lower Upper

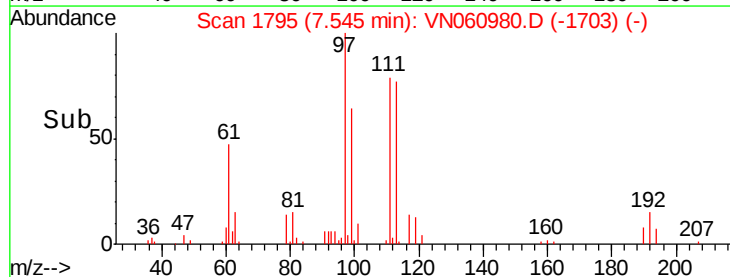
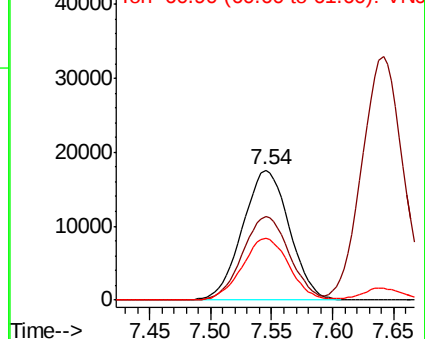
97 100

99 63.7 50.6 75.8

61 47.4 36.2 54.4



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

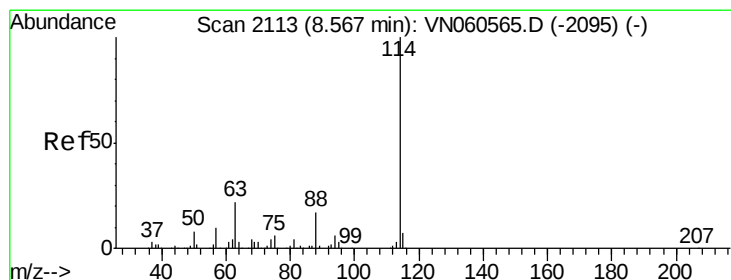
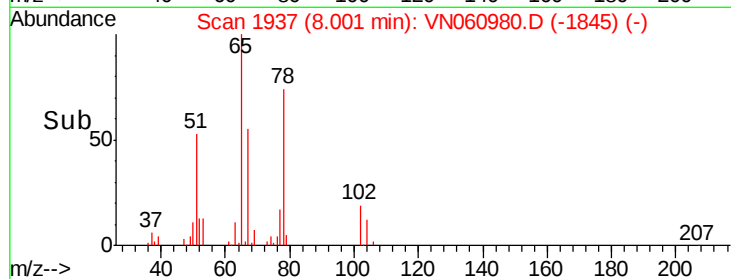
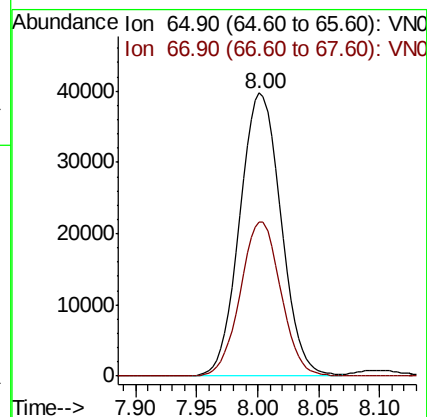
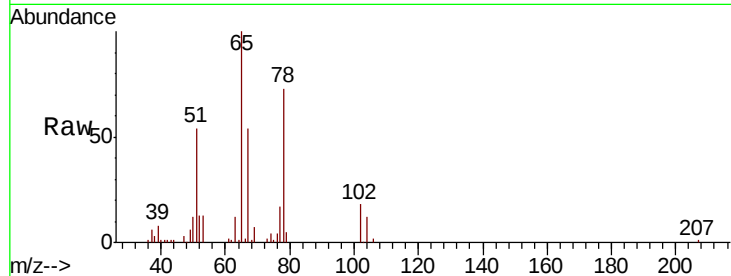




#33
 1,2-Dichloroethane-d4
 Concen: 51.323 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

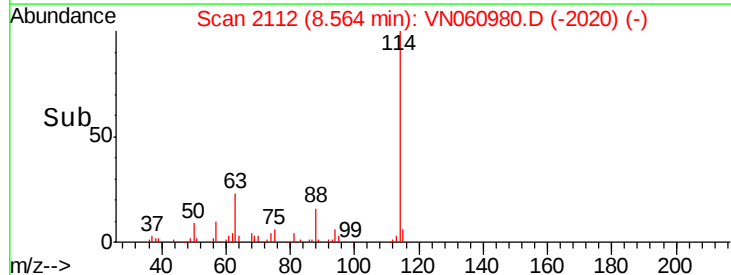
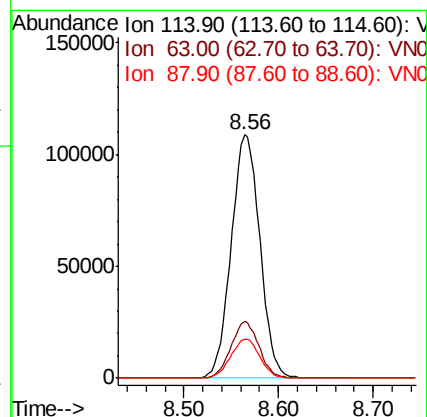
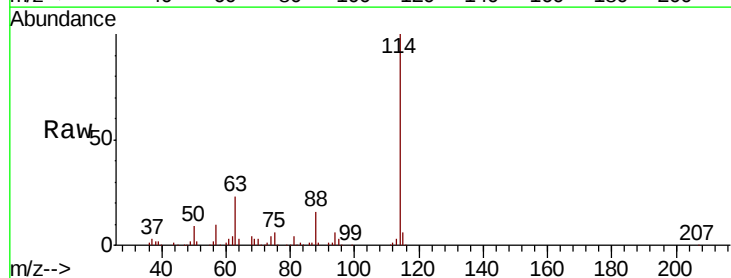
Instrument :
 MSVOA_N
 ClientSampleId :

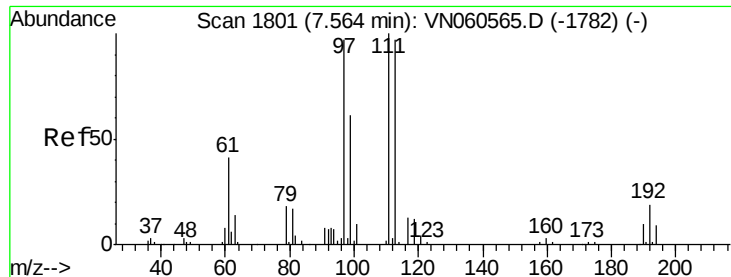
Tot Ion: 65 Resp: 93224
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 114 Resp: 229152
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.8
 88 16.1 0.0 33.0

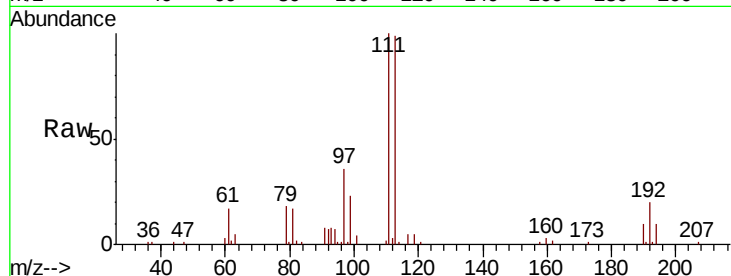




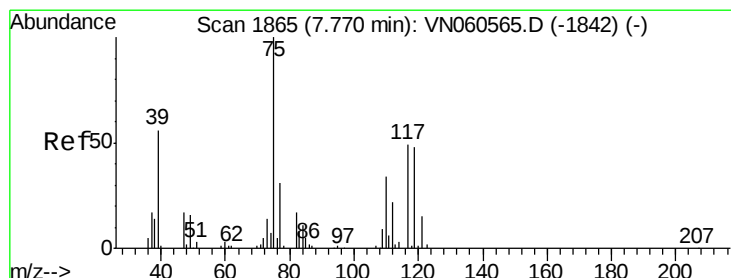
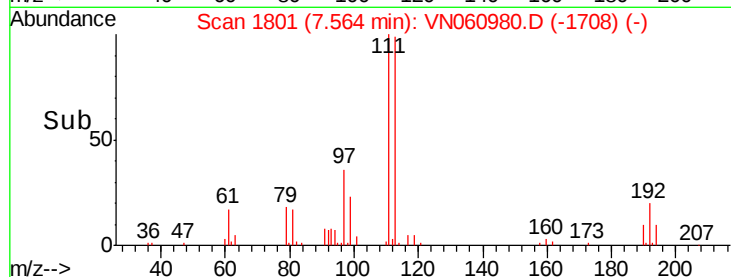
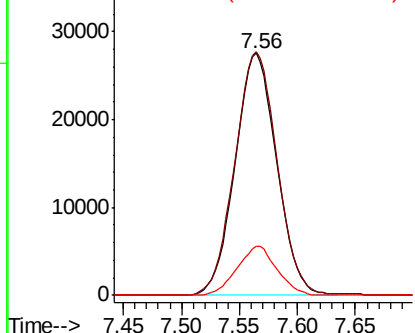
#35
 Dibromofluoromethane
 Concen: 49.658 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 68806
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 19.4 15.8 23.8

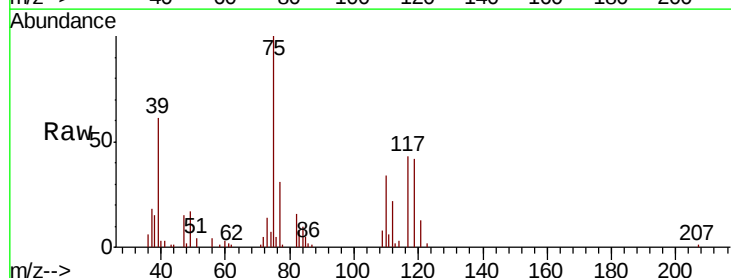


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

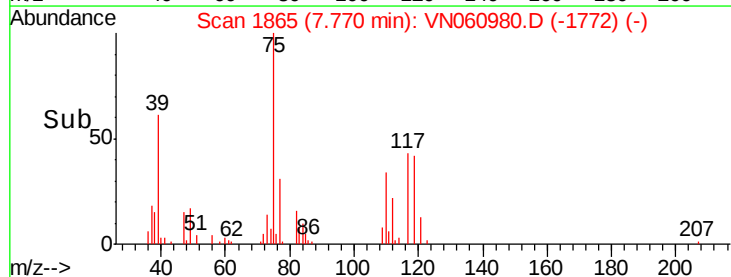
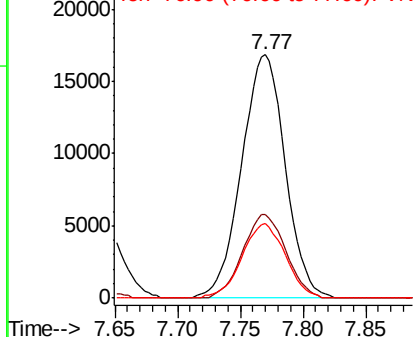


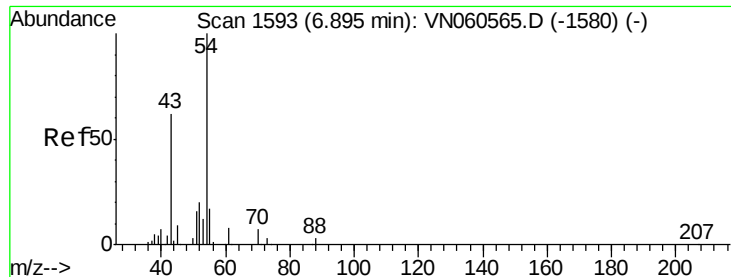
#36
 1,1-Dichloropropene
 Concen: 18.394 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 75 Resp: 40814
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 30.5 24.6 36.8



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

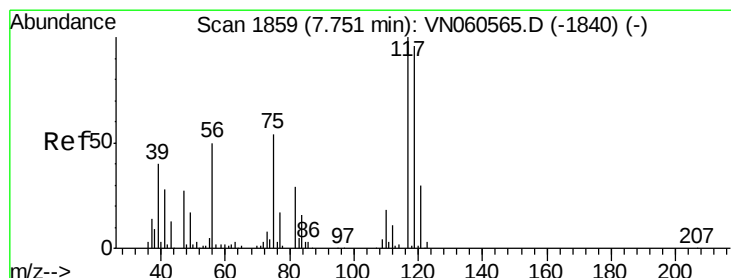
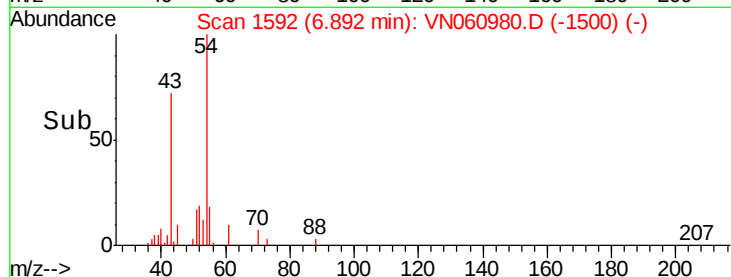
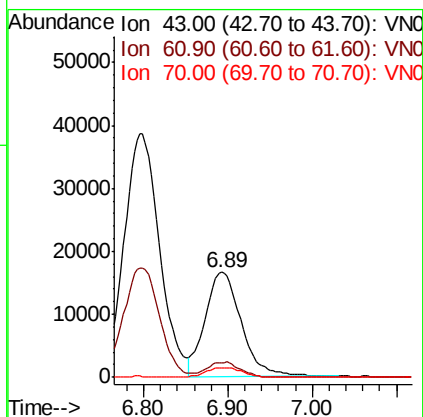
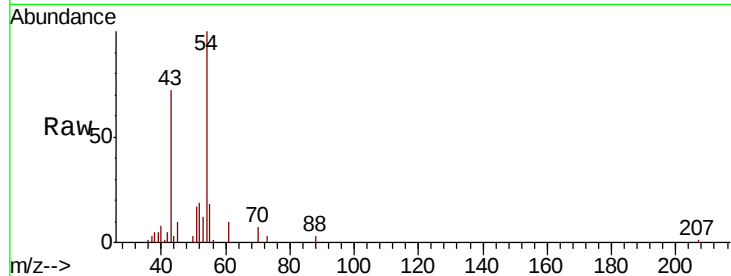




#37
Ethyl Acetate
Concen: 20.719 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

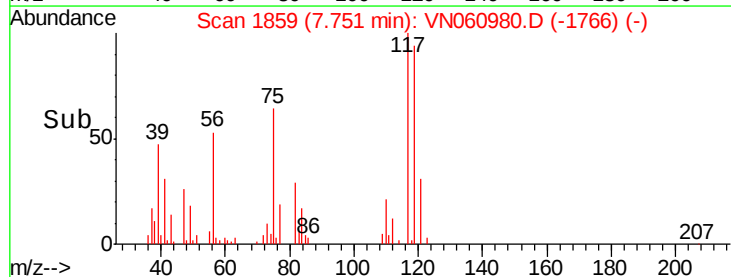
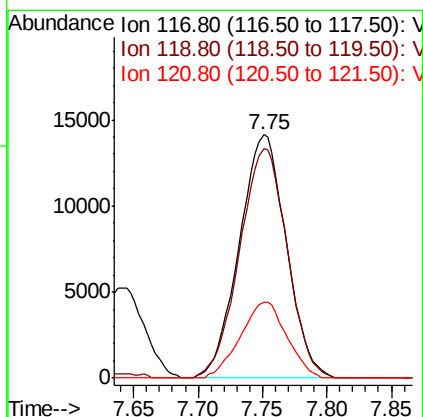
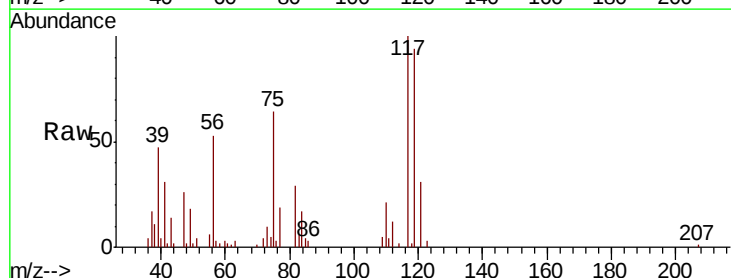
Instrument :
MSVOA_N
ClientSampled :

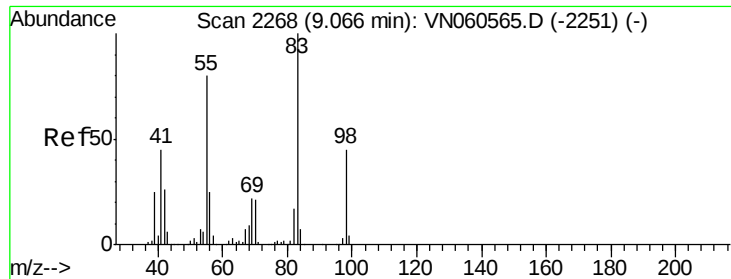
Tot Ion: 43 Resp: 49676
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.047 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 117 Resp: 35891
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.2
121 30.9 23.7 35.5

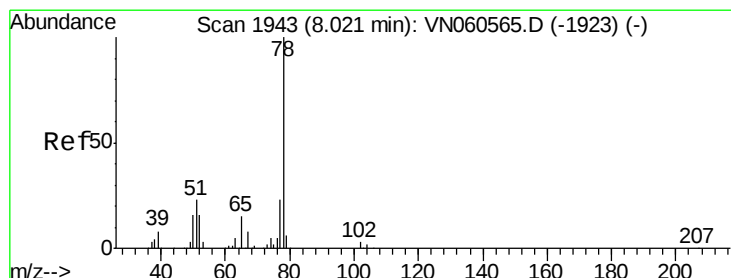
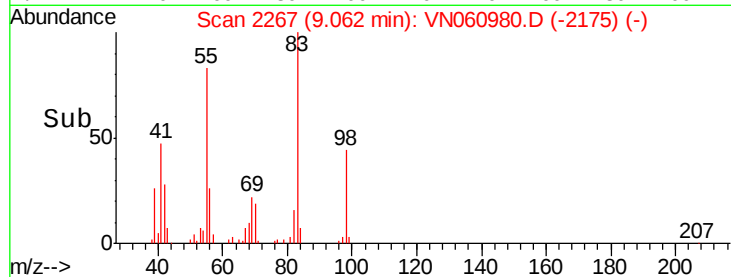
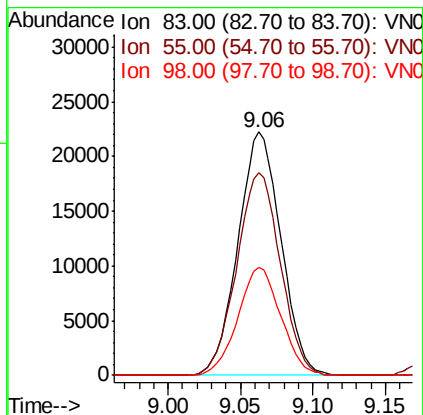
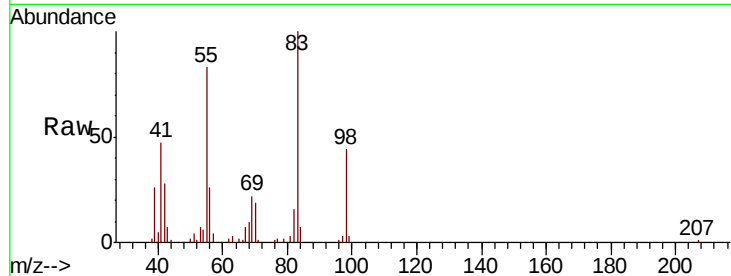




#39
Methvlcvclohexane
Concen: 17.369 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

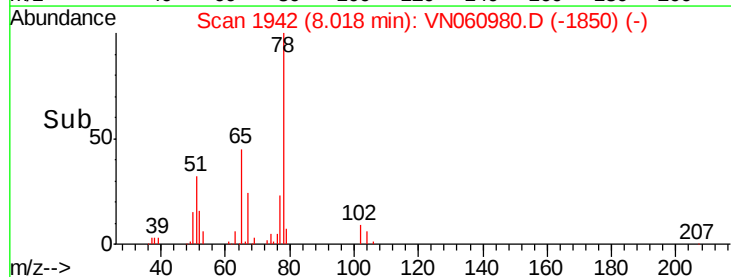
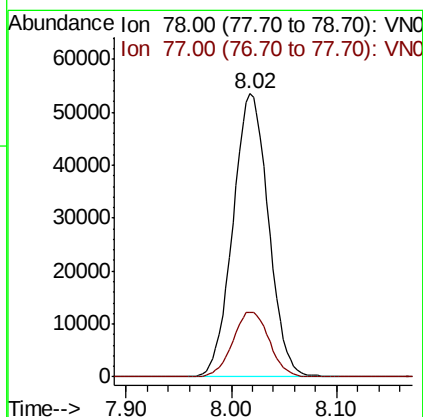
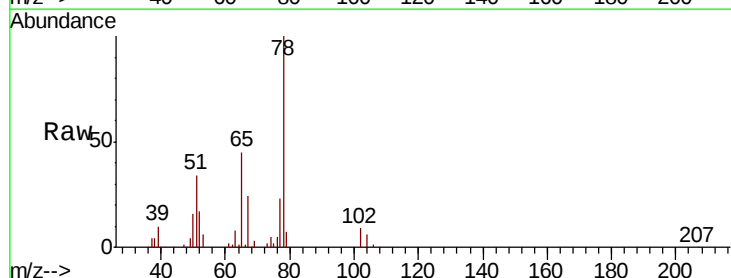
Instrument :
MSVOA_N
ClientSampleId :

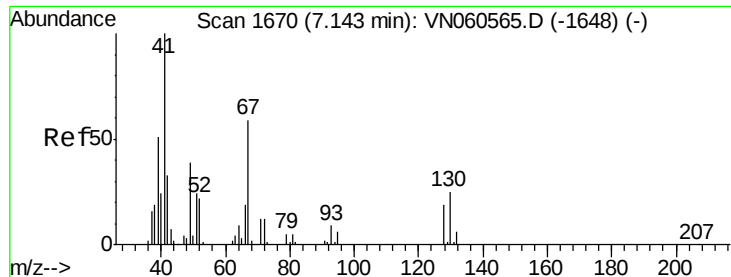
Tot Ion: 83 Resp: 45800
Ion Ratio Lower Upper
83 100
55 83.1 63.6 95.4
98 44.2 36.0 54.0



#40
Benzene
Concen: 18.704 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 78 Resp: 125286
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

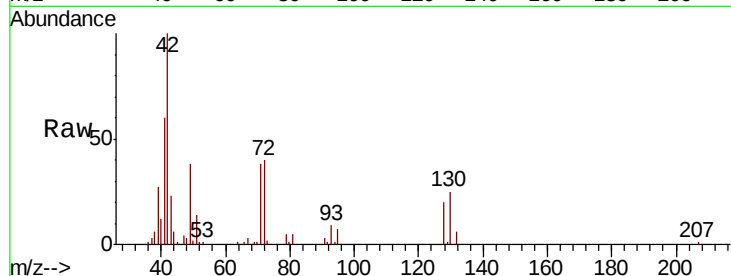




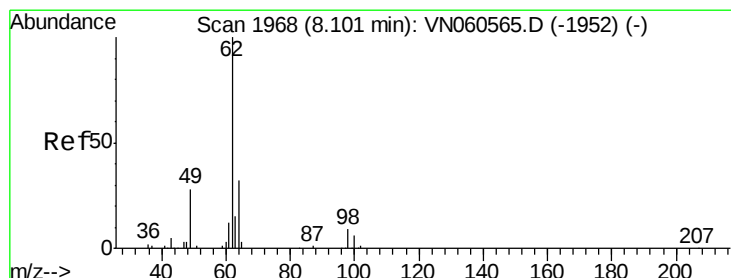
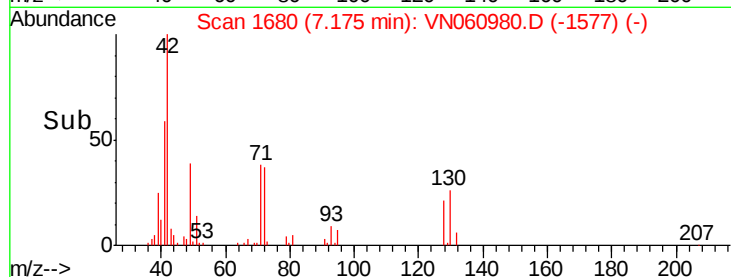
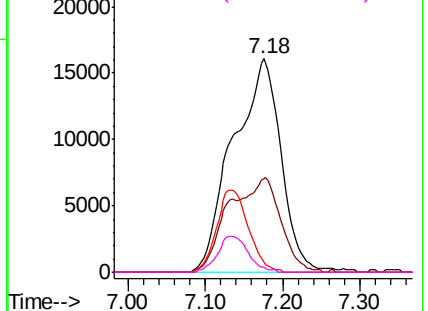
#41
Methacrylonitrile
Concen: 67.942 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	69519
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

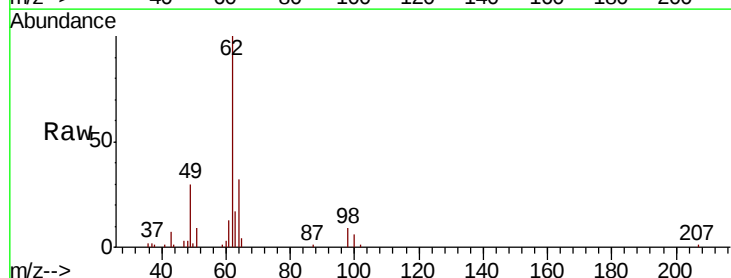


Abundance Ion 41.00 (40.70 to 41.70): VN060565.D (-1648) (-)
Ion 39.00 (38.70 to 39.70): VN060565.D (-1648) (-)
Ion 67.00 (66.70 to 67.70): VN060565.D (-1648) (-)
Ion 52.00 (51.70 to 52.70): VN060565.D (-1648) (-)

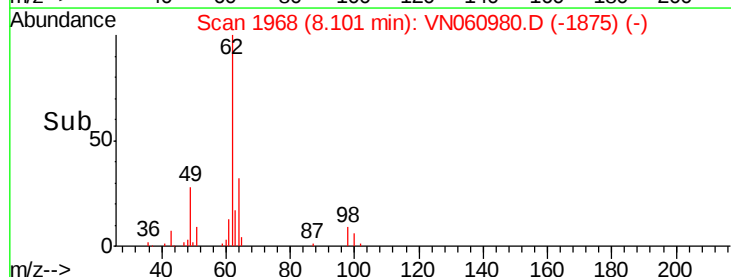
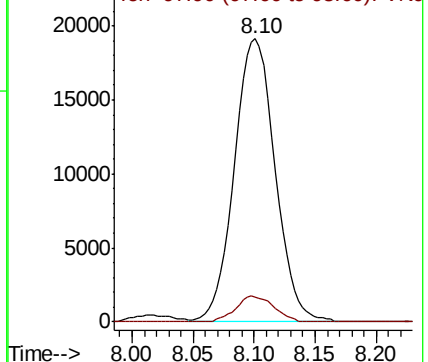


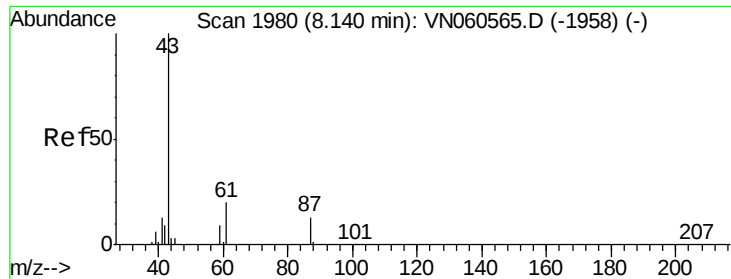
#42
1,2-Dichloroethane
Concen: 19.401 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion:	62	Resp:	44411
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN060565.D (-1952) (-)
Ion 97.90 (97.60 to 98.60): VN060565.D (-1952) (-)





#43

Isopropyl Acetate

Concen: 20.467 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

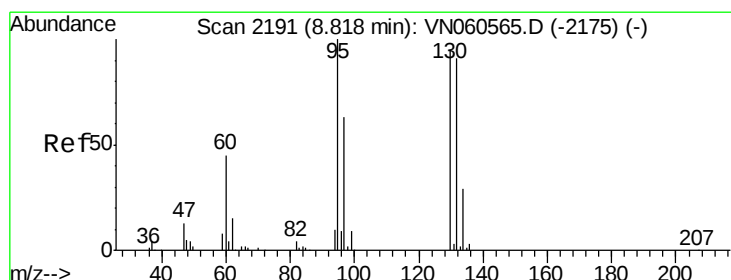
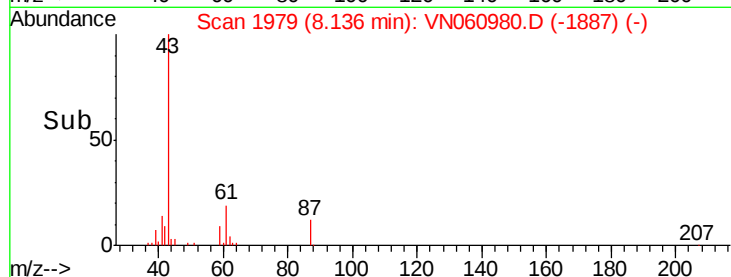
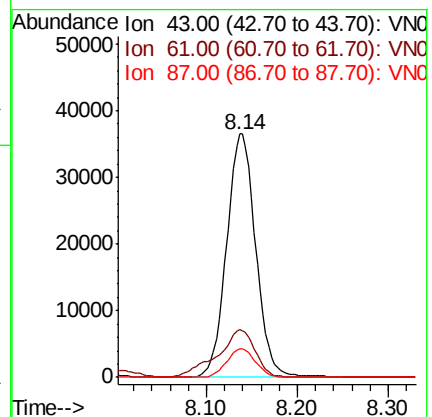
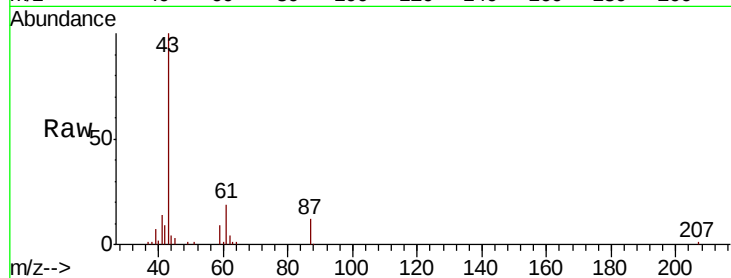
Tot Ion: 43 Resp: 80928

Ion Ratio Lower Upper

43 100

61 25.3 20.7 31.1

87 11.6 9.8 14.8



#44

Trichloroethene

Concen: 18.265 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060980.D

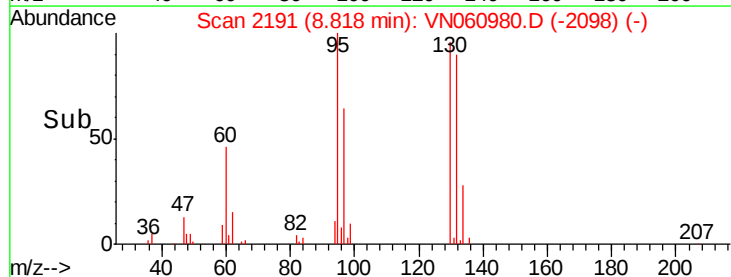
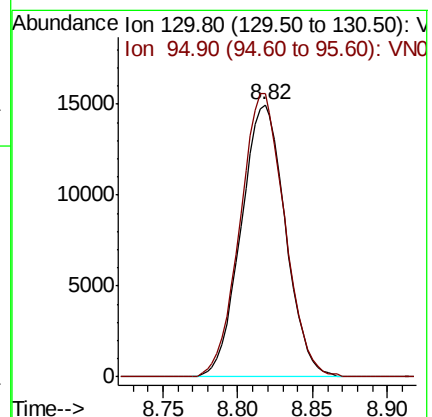
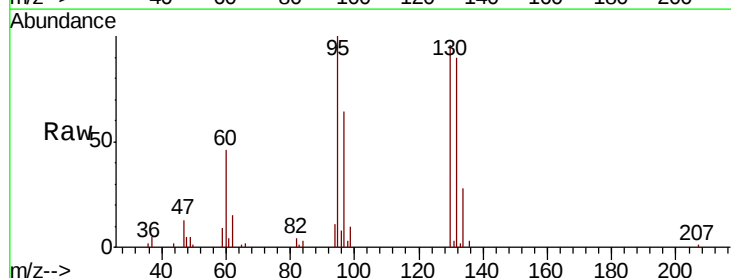
Acq: 15 Apr 2020 22:40

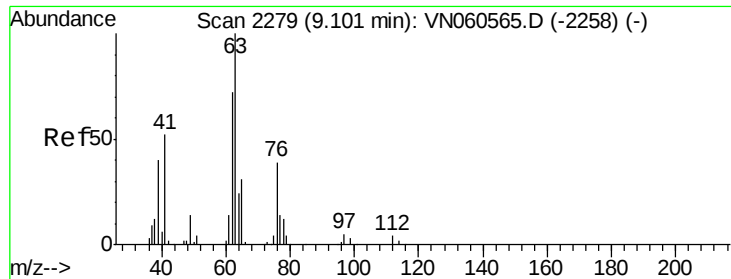
Tgt Ion: 130 Resp: 30841

Ion Ratio Lower Upper

130 100

95 104.0 0.0 211.2

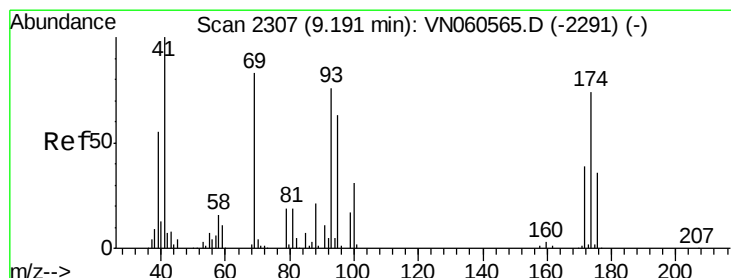
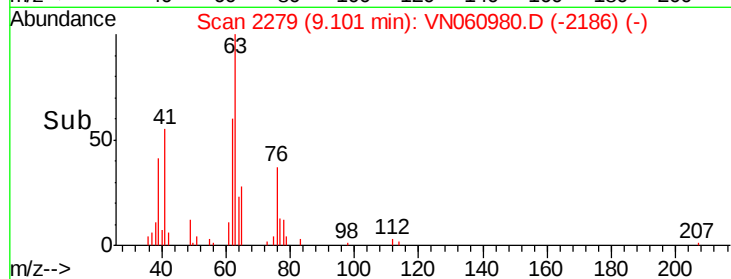
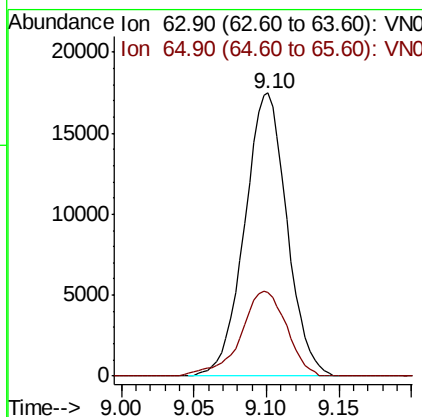
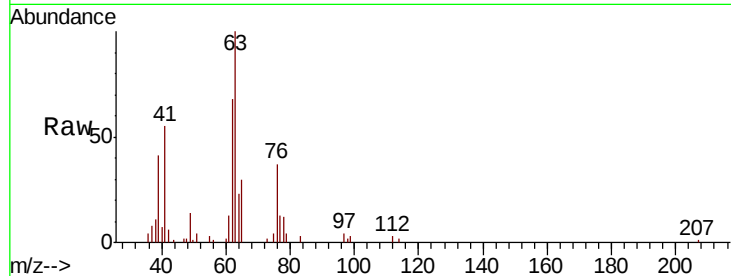




#45
 1,2-Dichloropropane
 Concen: 20.120 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

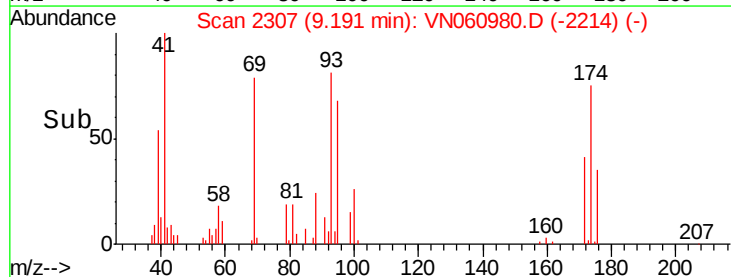
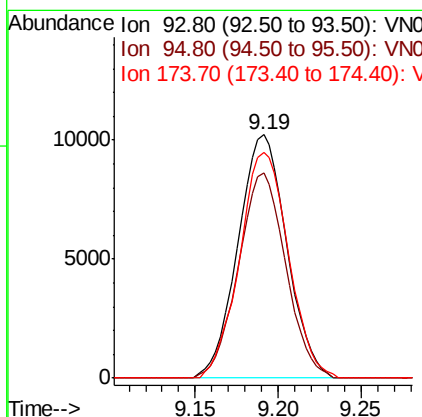
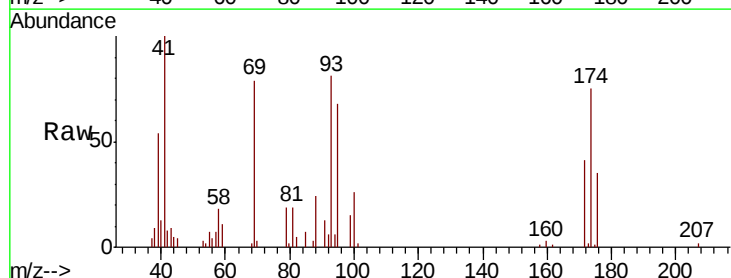
Instrument :
 MSVOA_N
 ClientSampleId :

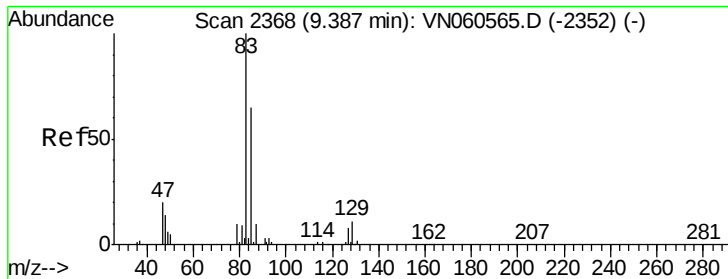
Tot Ion: 63 Resp: 35562
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.4 38.0



#46
 Dibromomethane
 Concen: 19.572 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 93 Resp: 20913
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 93.1 77.9 116.9





#47

Bromodichloromethane

Concen: 19.634 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampled :

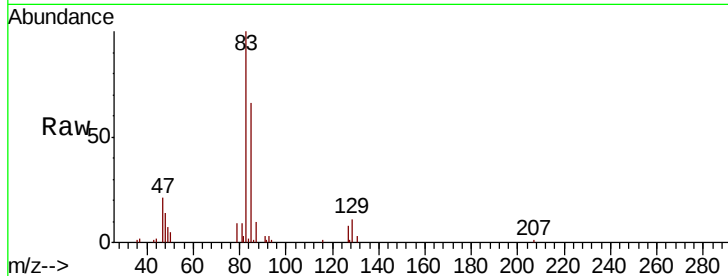
Tot Ion: 83 Resp: 43597

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

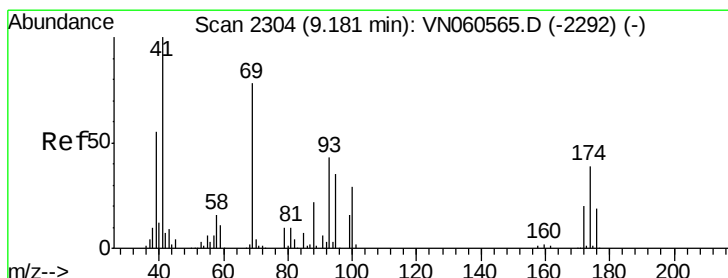
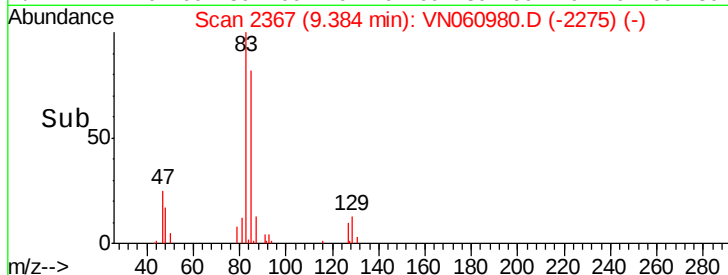
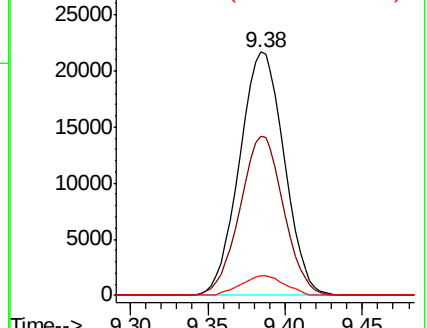
127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060980.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060980.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060980.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.585 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

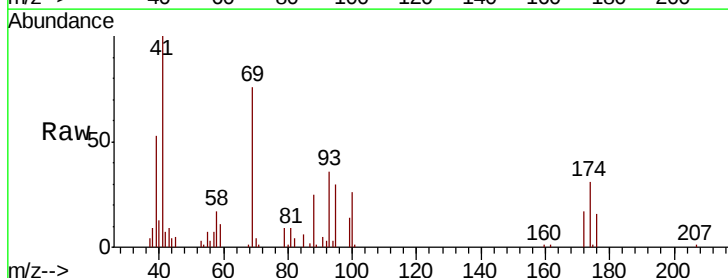
Tgt Ion: 41 Resp: 34478

Ion Ratio Lower Upper

41 100

69 80.2 65.4 98.0

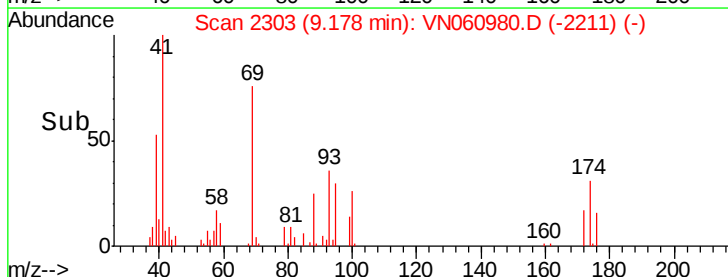
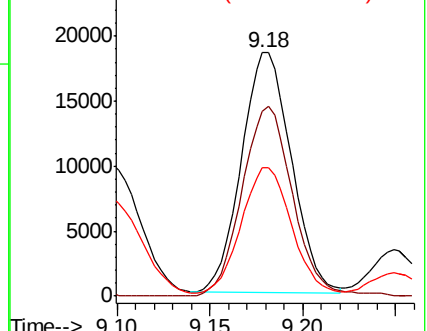
39 55.0 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060980.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060980.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060980.D (-2211) (-)

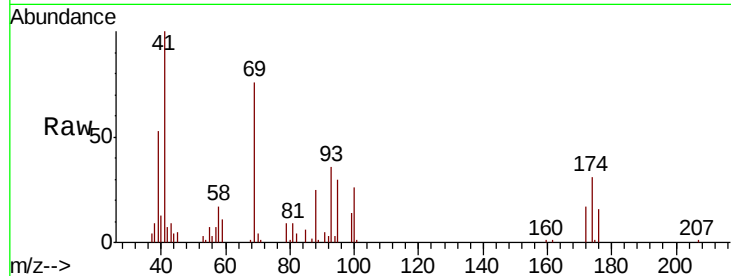




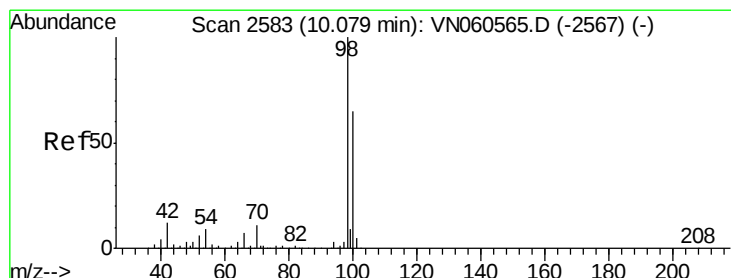
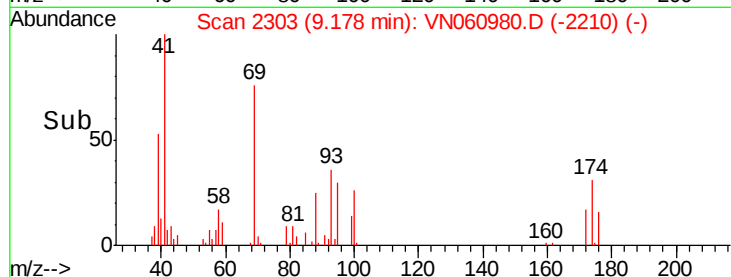
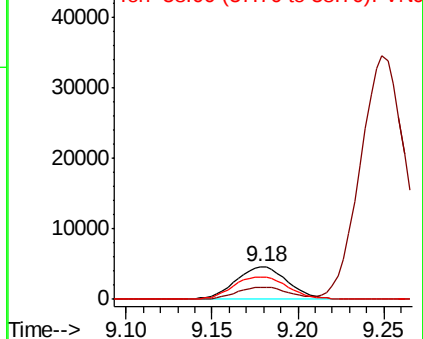
#49
1,4-Dioxane
Concen: 460.499 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 9636
Ion Ratio Lower Upper
88 100
43 36.4 30.8 46.2
58 73.3 59.8 89.8

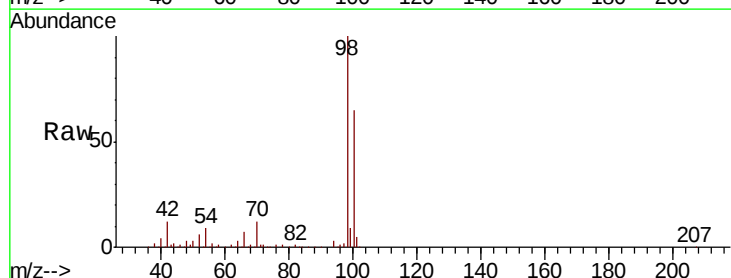


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

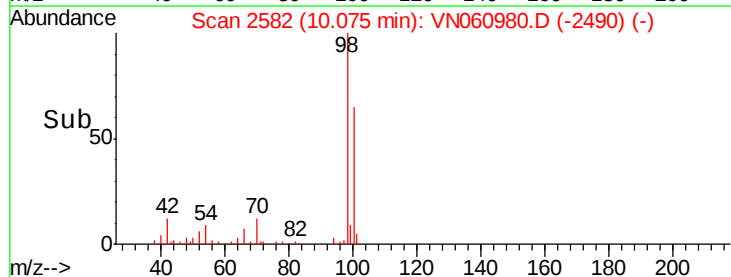
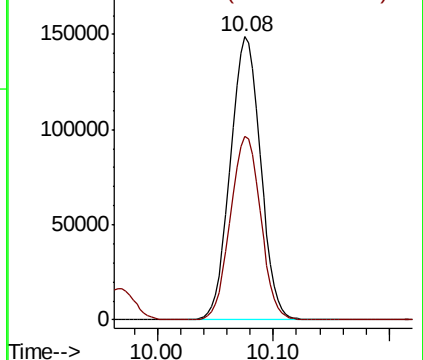


#50
Toluene-d8
Concen: 47.316 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 98 Resp: 267795
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



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

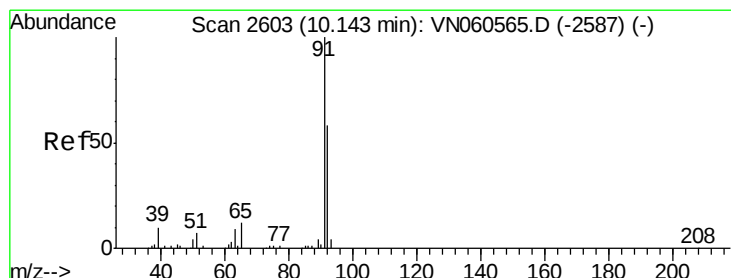
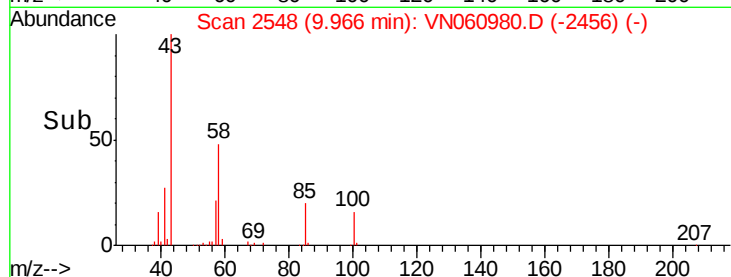
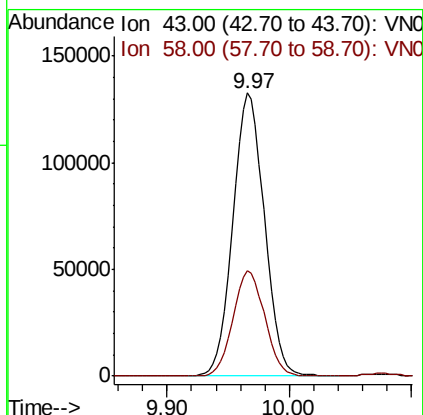
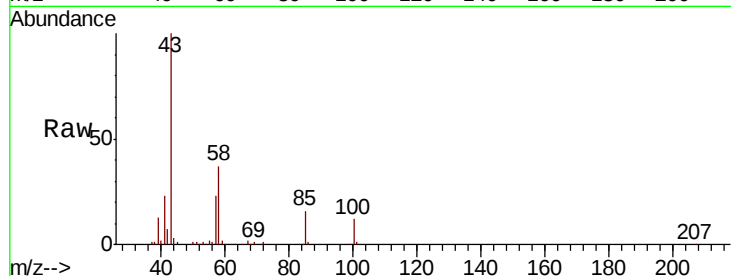




#51
 4-Methyl-2-Pentanone
 Concen: 105.659 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

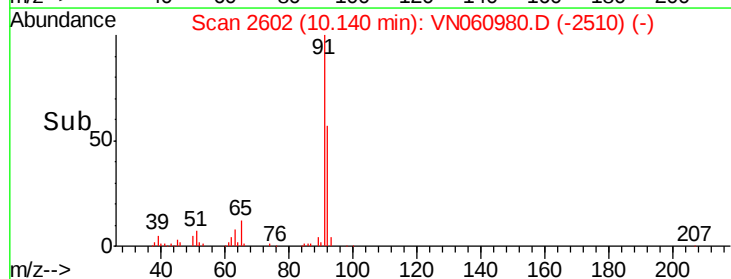
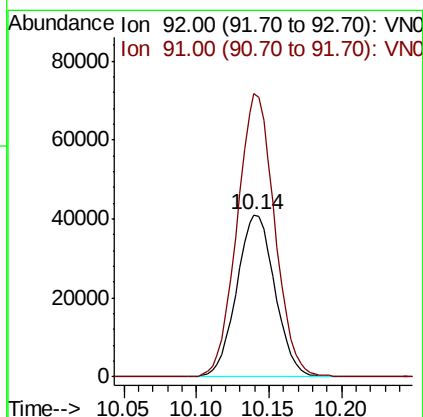
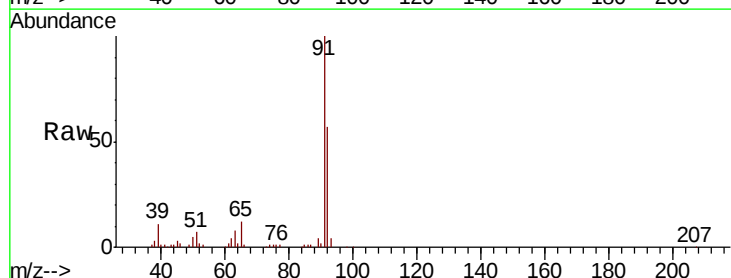
Instrument :
 MSVOA_N
 ClientSampled :

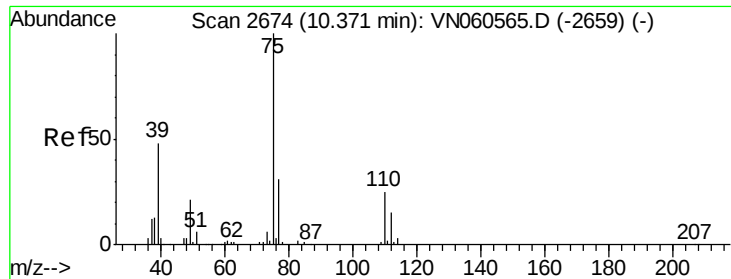
Tot Ion: 43 Resp: 237737
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.8 46.2



#52
 Toluene
 Concen: 18.533 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 92 Resp: 74974
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.091 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

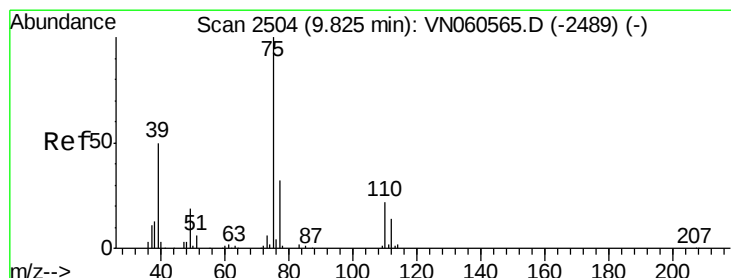
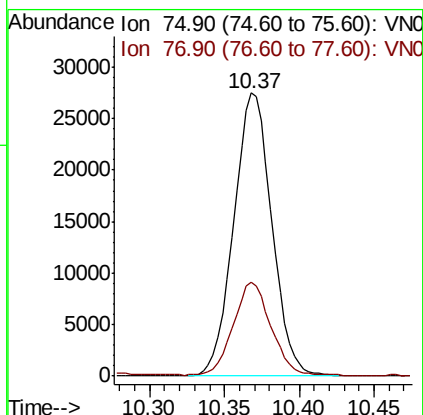
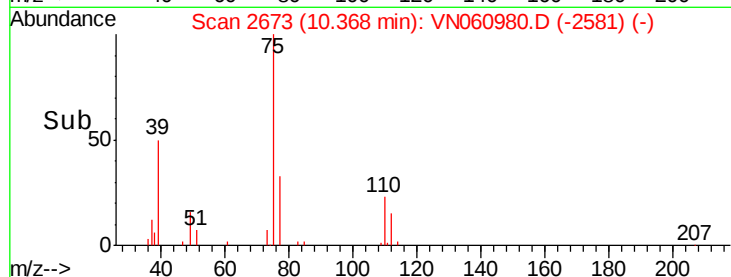
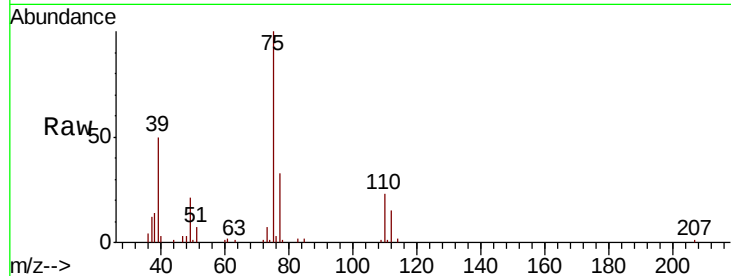
ClientSampled :

Tot Ion: 75 Resp: 48692

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

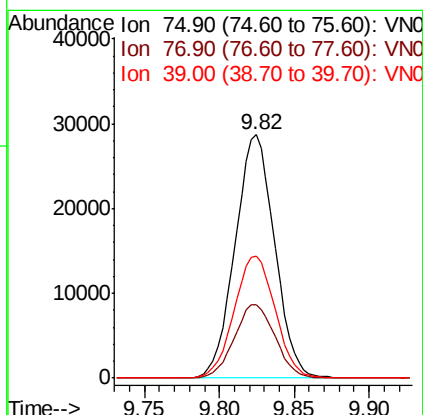
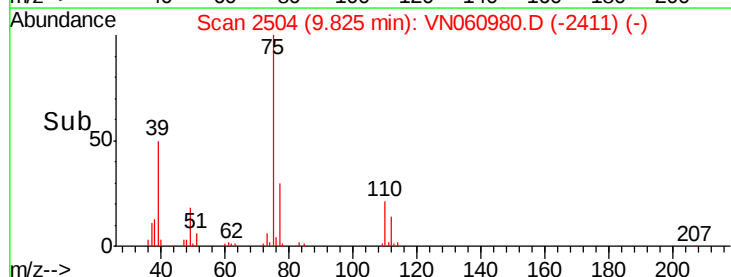
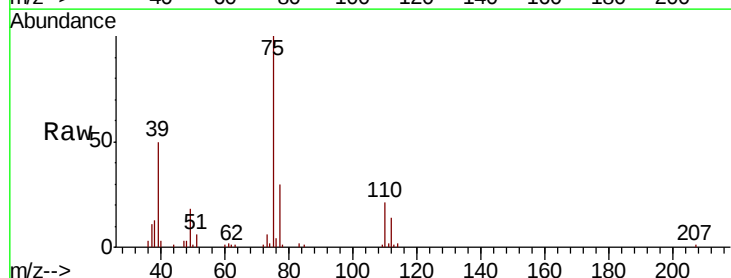
Tgt Ion: 75 Resp: 52847

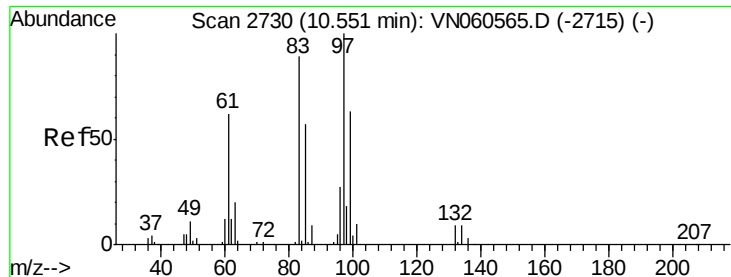
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 50.1 40.2 60.4

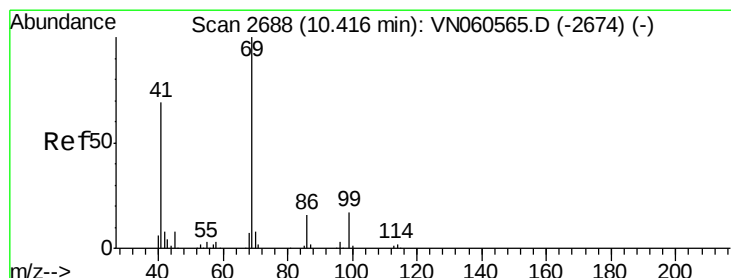
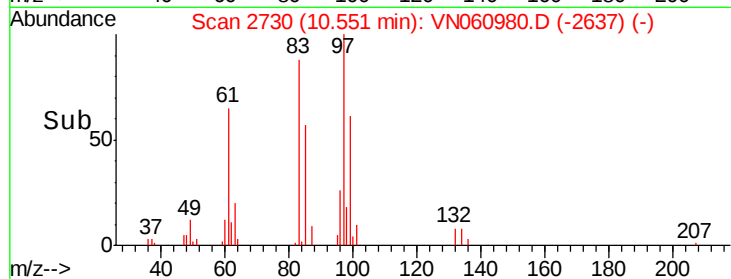
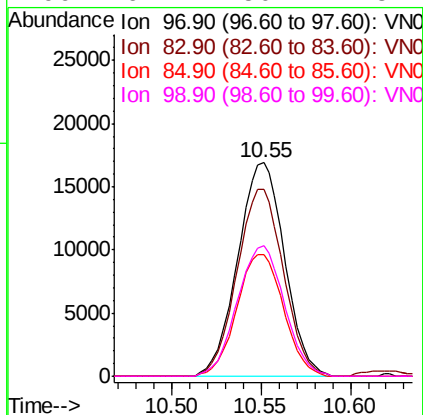
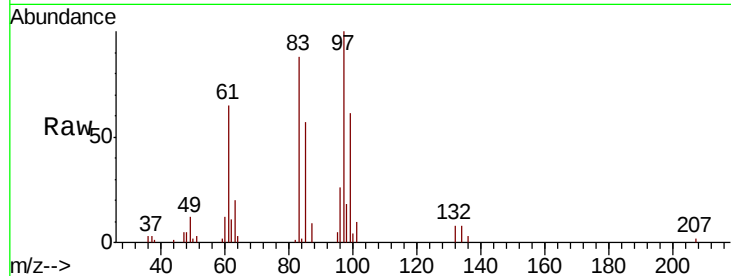




#55
 1,1,2-Trichloroethane
 Concen: 19.900 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

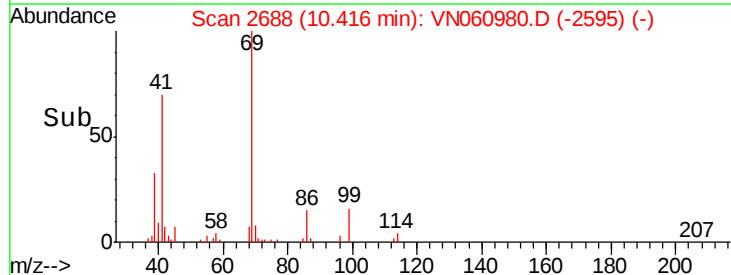
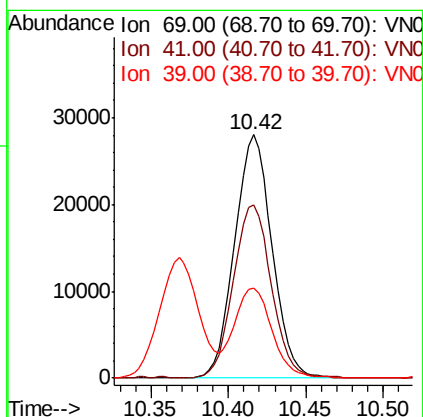
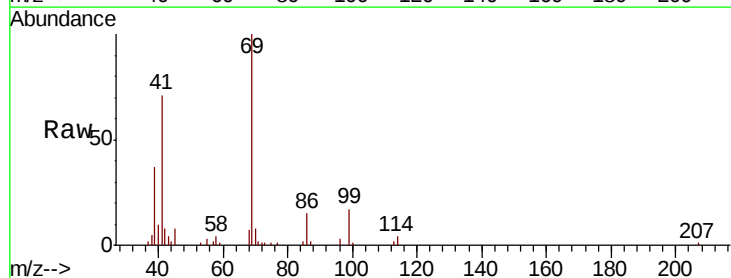
Instrument :
 MSVOA_N
 ClientSampled :

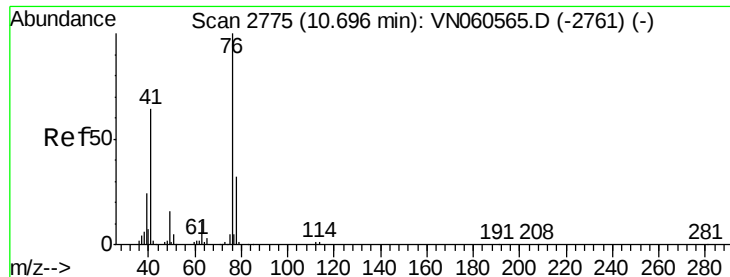
Tot Ion: 97 Resp: 30971
 Ion Ratio Lower Upper
 97 100
 83 87.6 71.3 106.9
 85 56.8 45.2 67.8
 99 61.1 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.368 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 69 Resp: 47000
 Ion Ratio Lower Upper
 69 100
 41 72.8 55.4 83.2
 39 37.8 29.4 44.0





#57

1,3-Dichloropropane

Concen: 19.767 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

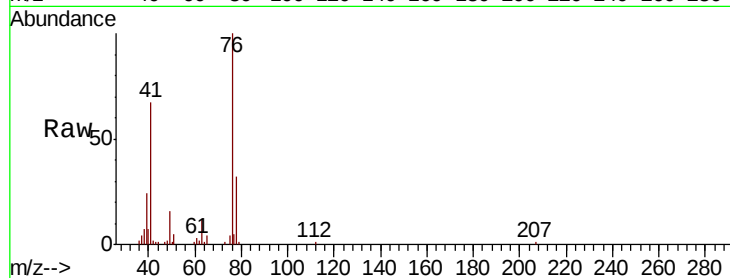
ClientSampled :

Tot Ion: 76 Resp: 53384

Ion Ratio Lower Upper

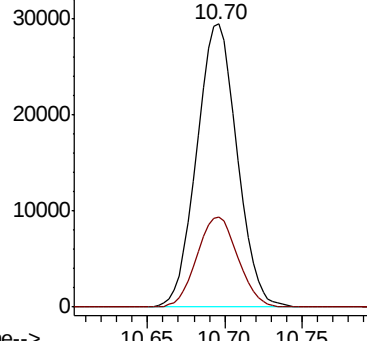
76 100

78 32.2 25.8 38.6

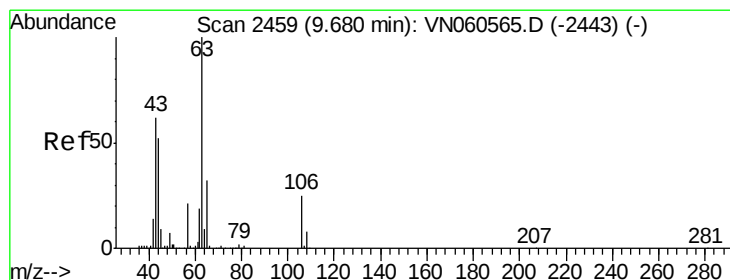
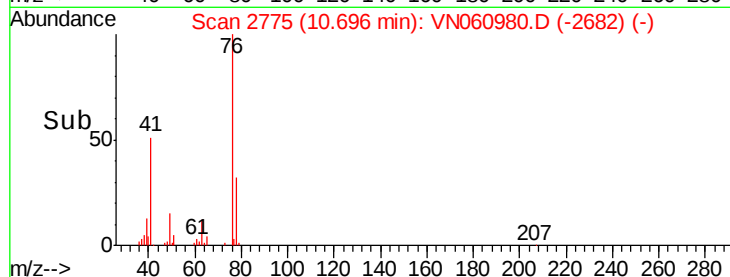


Abundance Ion 75.90 (75.60 to 76.60): VN060980.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060980.D (-2682) (-)



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 85.439 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060980.D

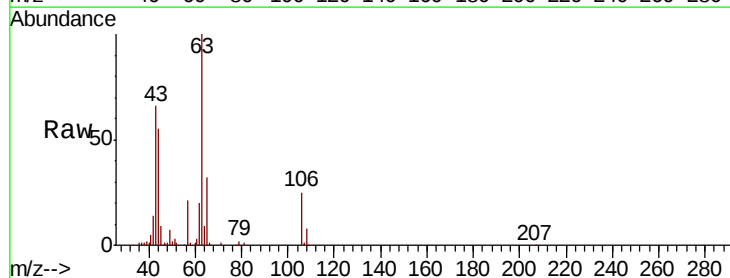
Acq: 15 Apr 2020 22:40

Tgt Ion: 63 Resp: 103045

Ion Ratio Lower Upper

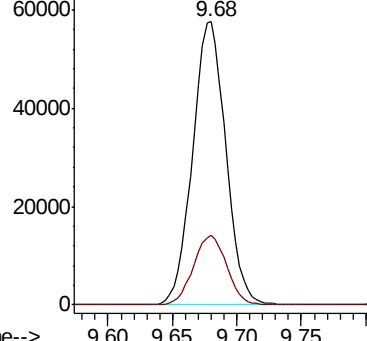
63 100

106 24.6 20.0 30.0

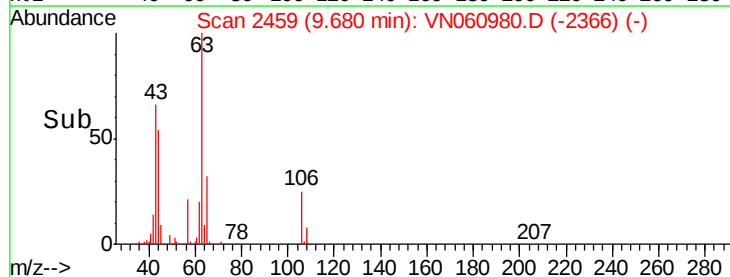


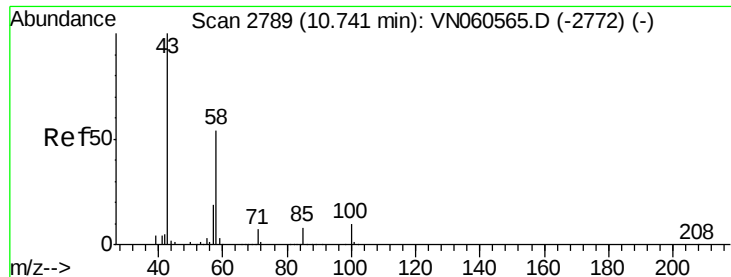
Abundance Ion 62.90 (62.60 to 63.60): VN060980.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060980.D (-2366) (-)



Time-->

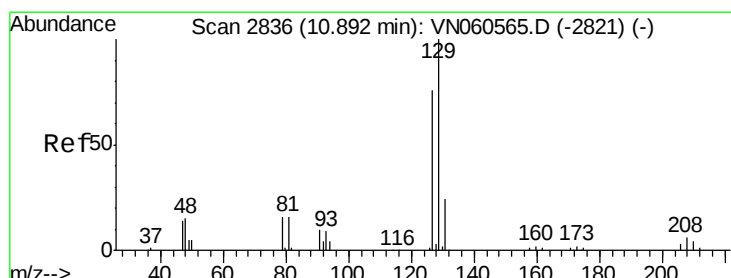
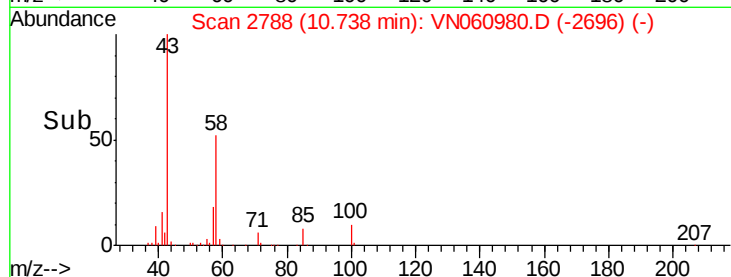
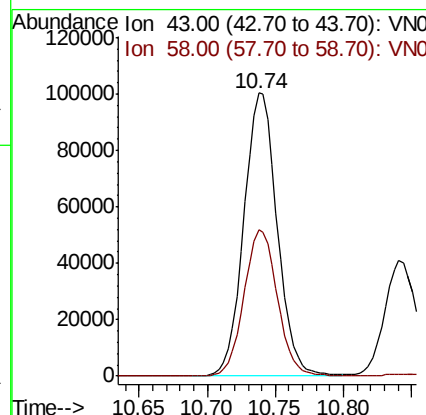
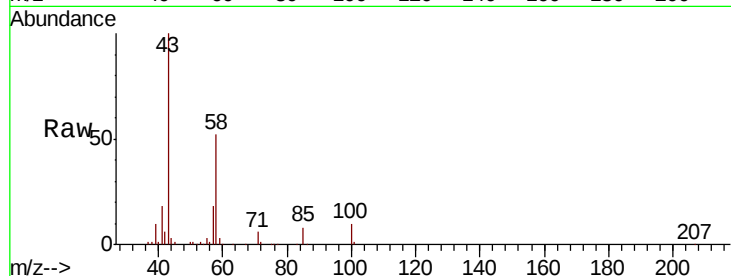




#59
2-Hexanone
Concen: 105.188 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

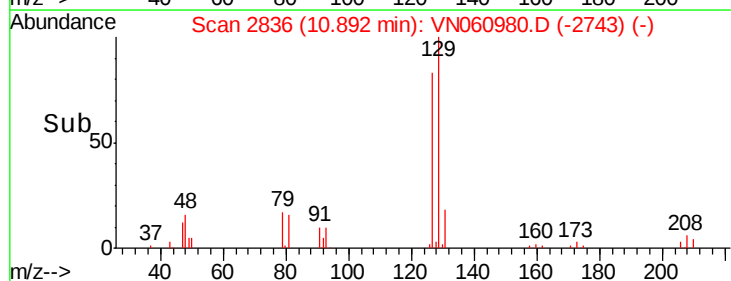
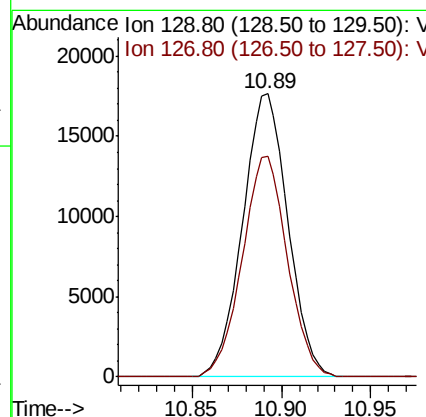
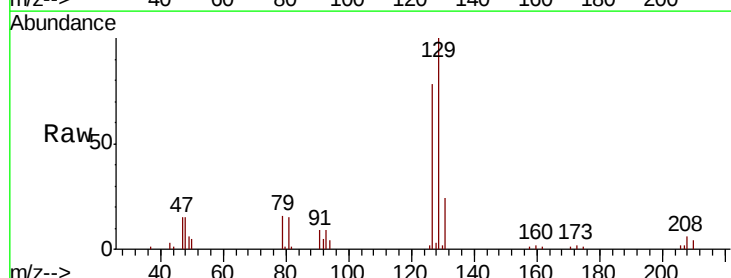
Instrument :
MSVOA_N
ClientSampled :

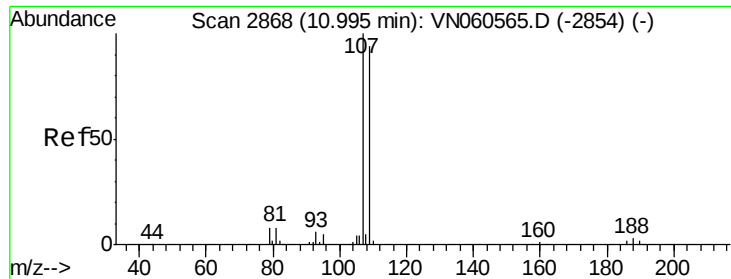
Tot Ion: 43 Resp: 170490
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.454 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 129 Resp: 31274
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

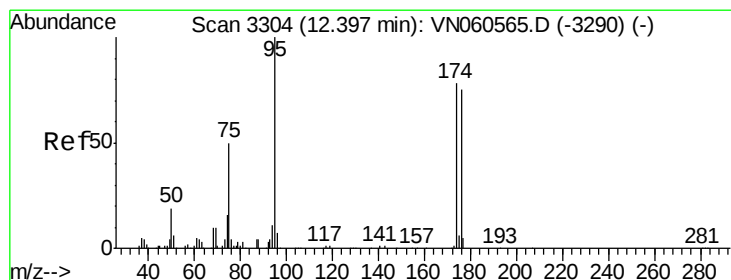
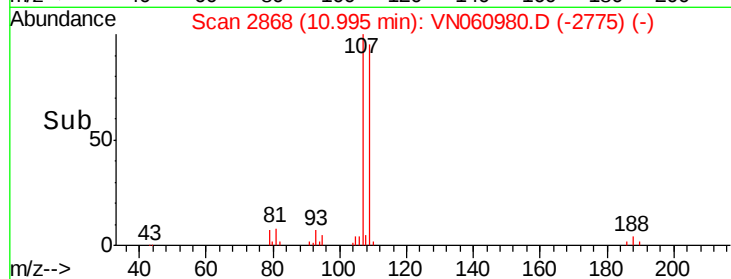
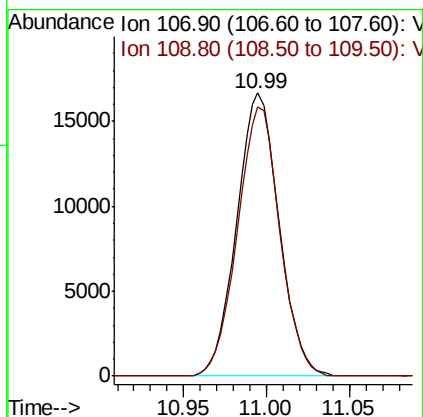
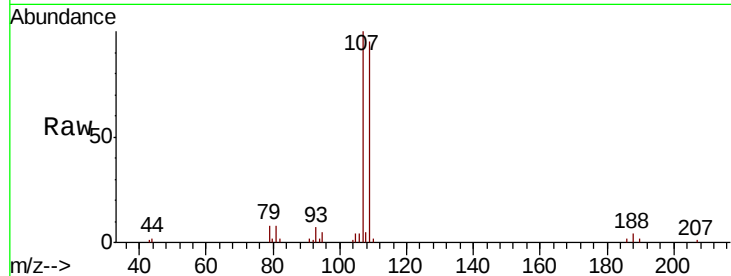




#61
 1,2-Dibromoethane
 Concen: 18.822 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

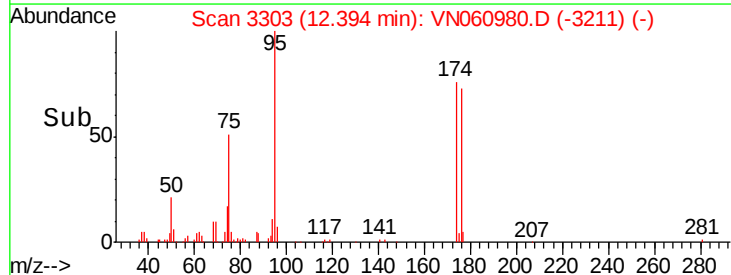
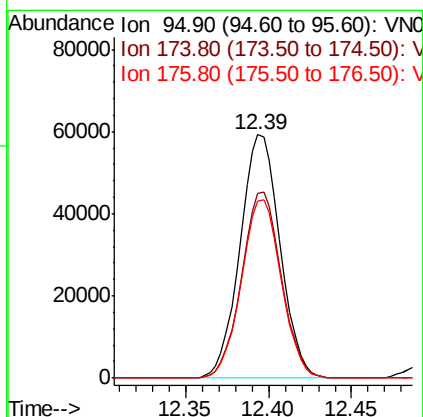
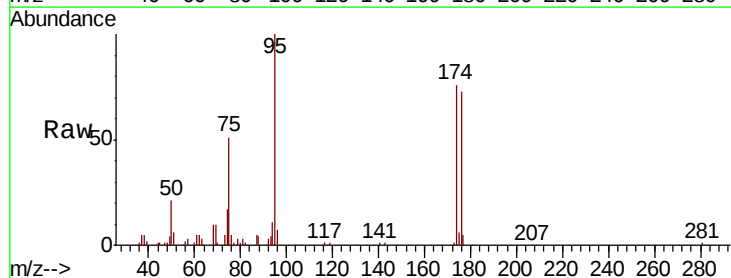
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 29456
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.760 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion: 95 Resp: 99063
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 157.6
 176 73.2 0.0 150.6

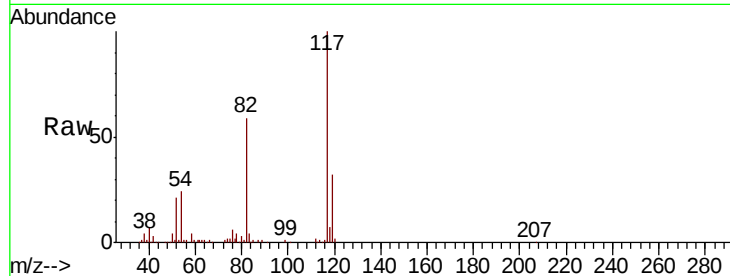




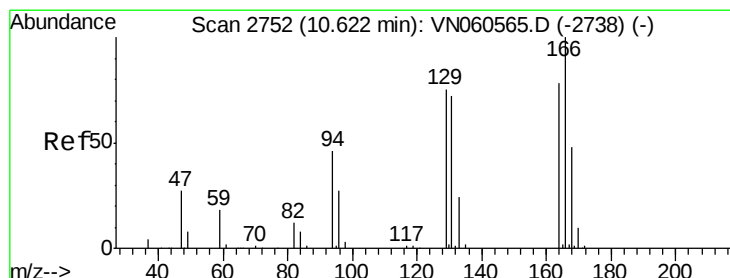
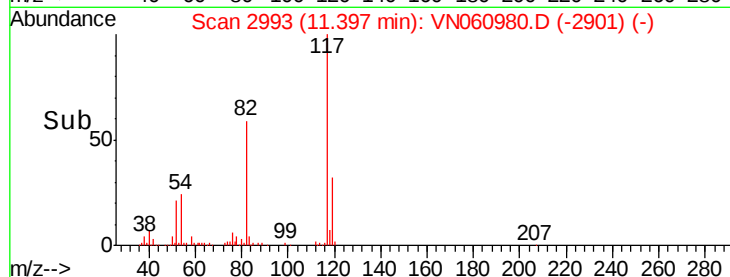
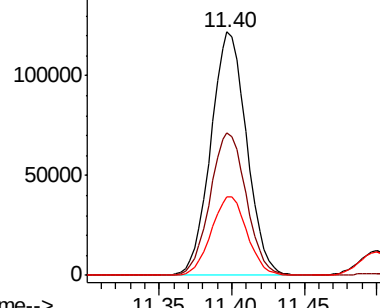
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 209331
Ion Ratio Lower Upper
117 100
82 58.7 46.7 70.1
119 32.3 25.5 38.3

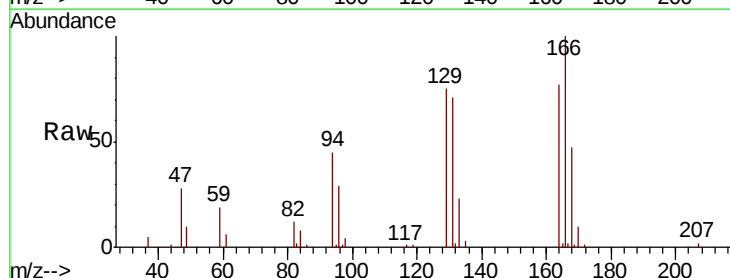


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

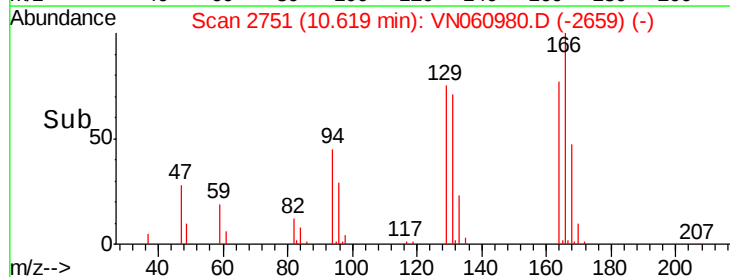
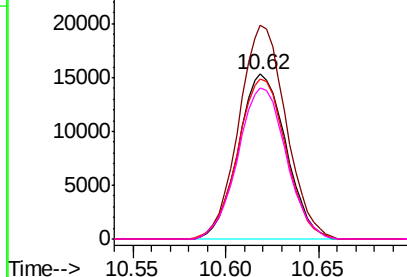


#64
Tetrachloroethene
Concen: 16.696 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion:164 Resp: 27502
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 97.3 77.2 115.8
131 91.8 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

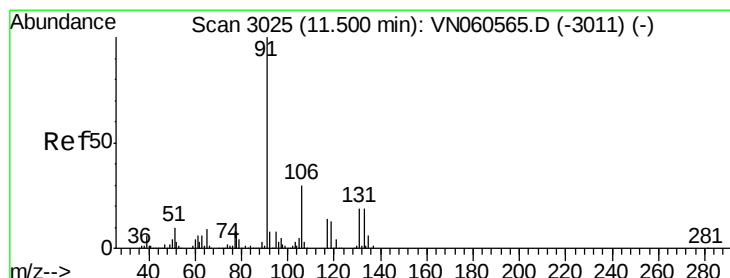
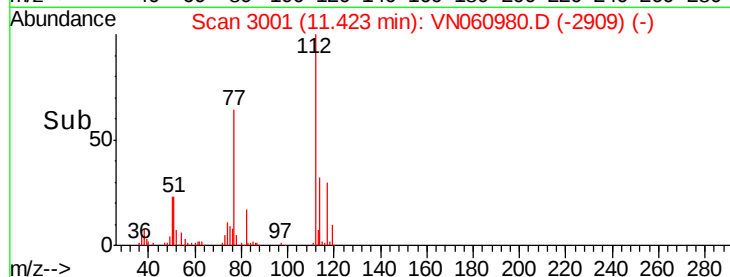
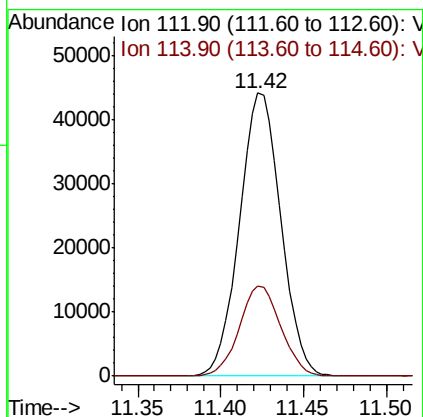
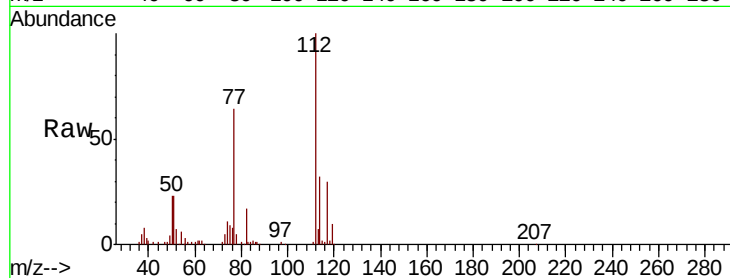




#65
Chlorobenzene
Concen: 18.491 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

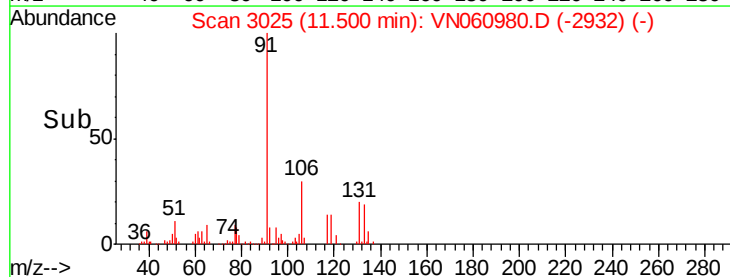
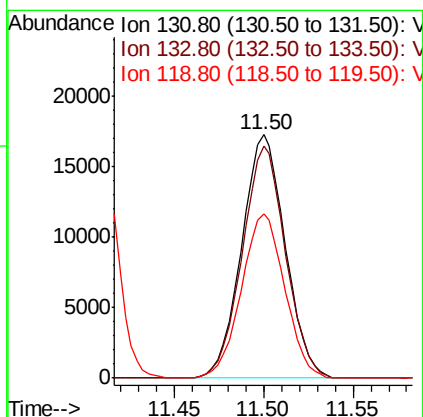
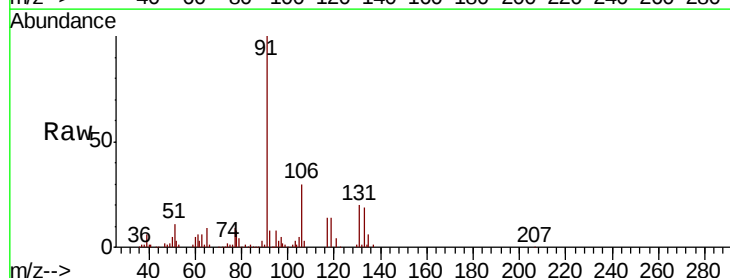
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 76733
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion:131 Resp: 29503
Ion Ratio Lower Upper
131 100
133 94.7 48.9 146.8
119 67.2 33.9 101.7

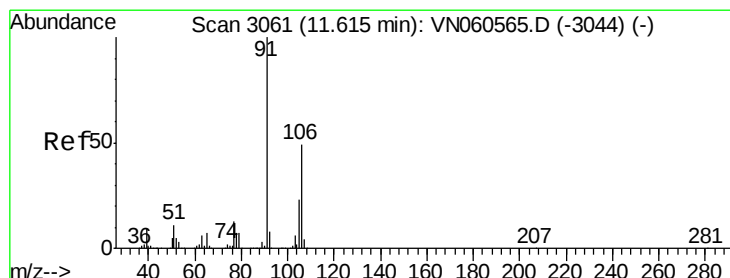
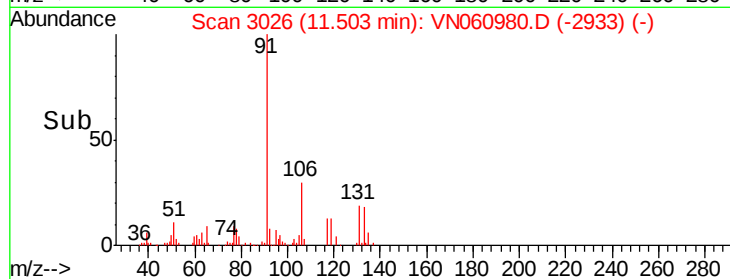
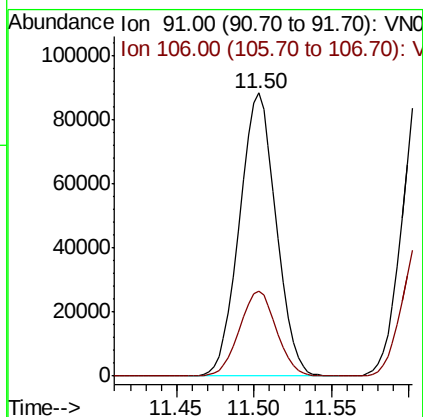
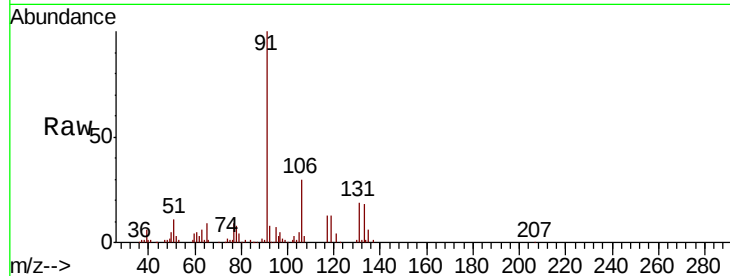




#67
Ethyl Benzene
Concen: 18.854 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

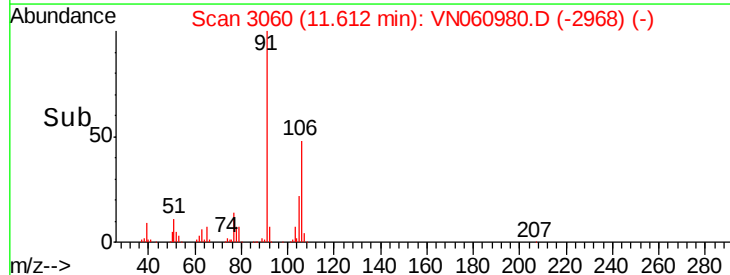
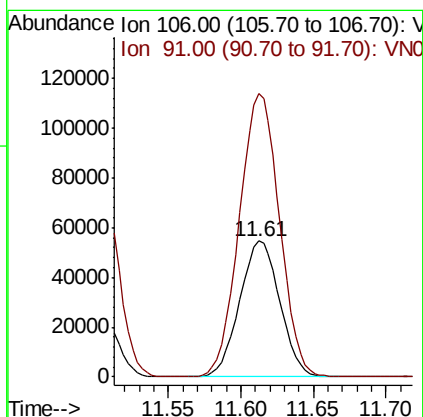
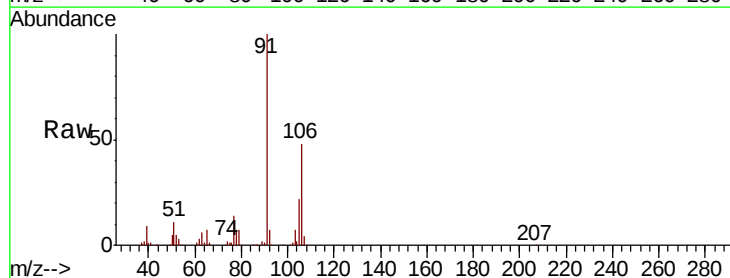
Instrument :
MSVOA_N
ClientSampled :

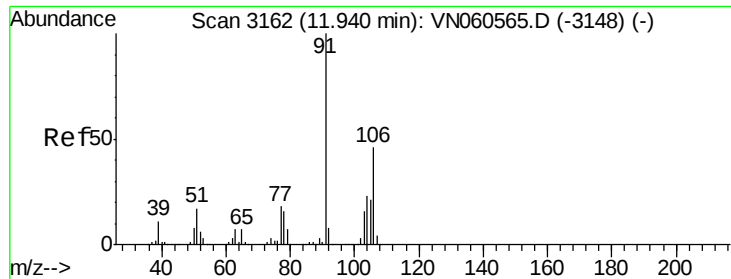
Tot Ion: 91 Resp: 145497
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 36.634 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 106 Resp: 105057
Ion Ratio Lower Upper
106 100
91 208.6 165.0 247.4

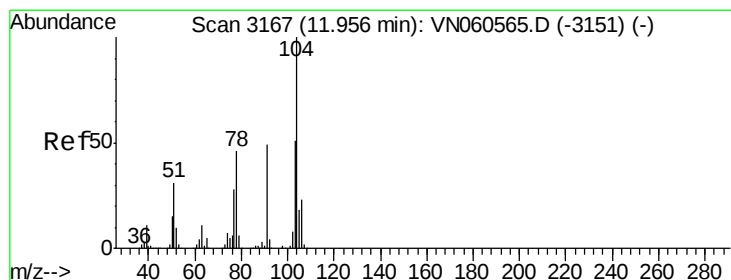
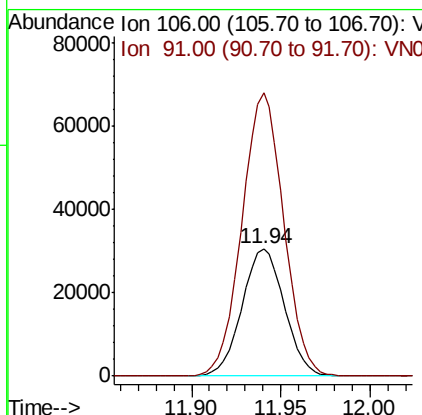
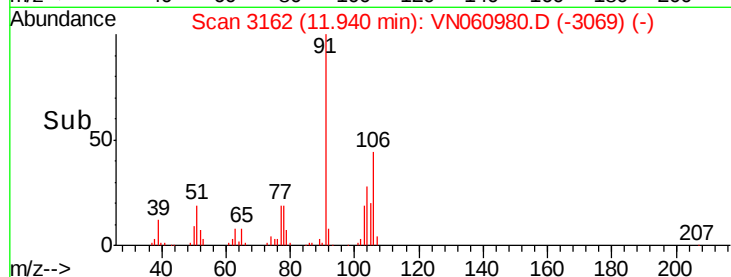
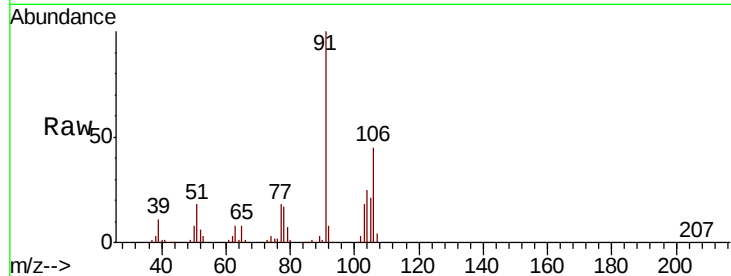




#69
o-Xylene
Concen: 18.557 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

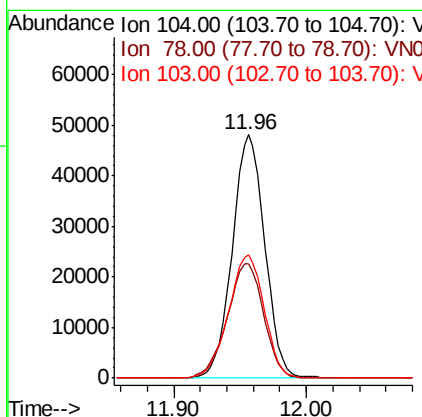
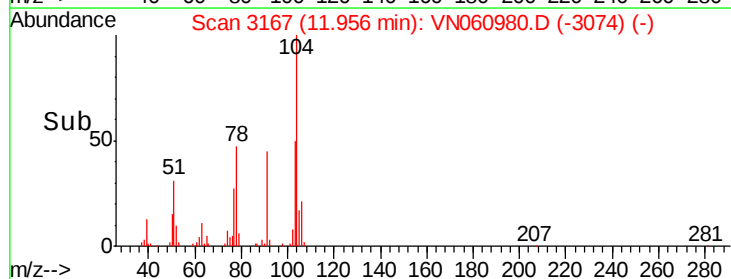
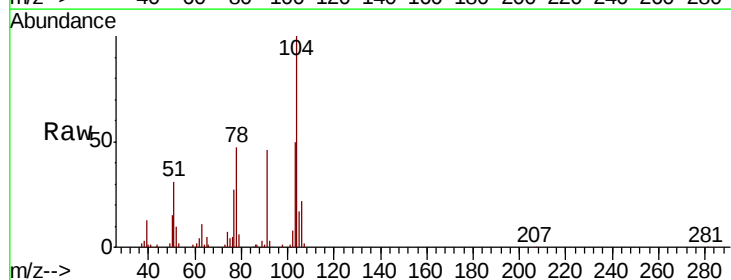
Instrument :
MSVOA_N
ClientSampled :

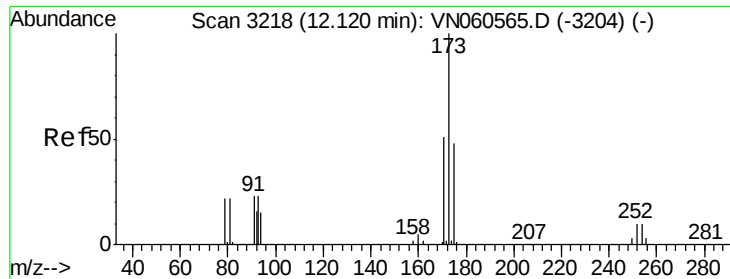
Tot Ion:106 Resp: 50802
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4



#70
Styrene
Concen: 18.294 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion:104 Resp: 81910
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 55.5 44.0 66.0





#71

Bromoform

Concen: 18.974 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

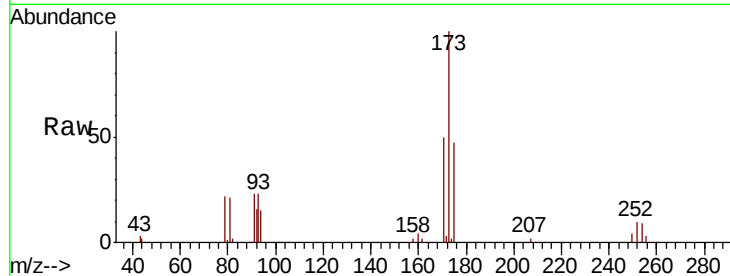
Tot Ion:173 Resp: 22347

Ion Ratio Lower Upper

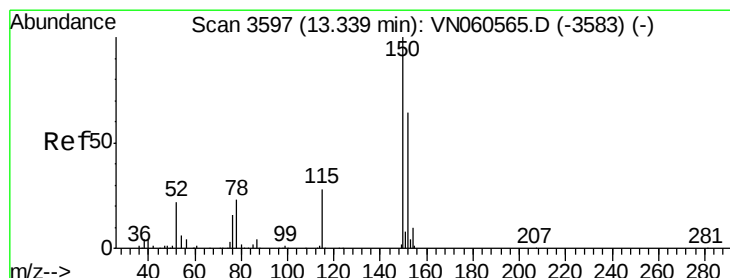
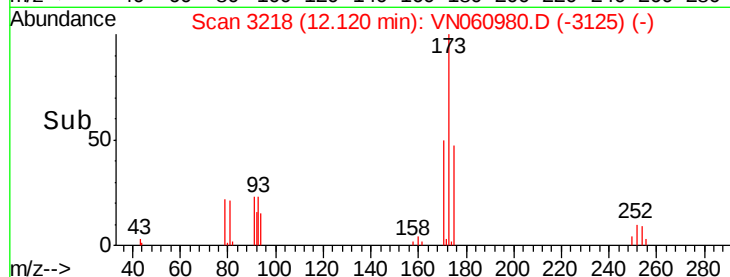
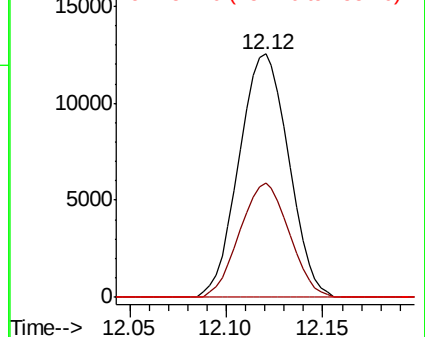
173 100

175 46.9 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: VN060980.D

Acq: 15 Apr 2020 22:40

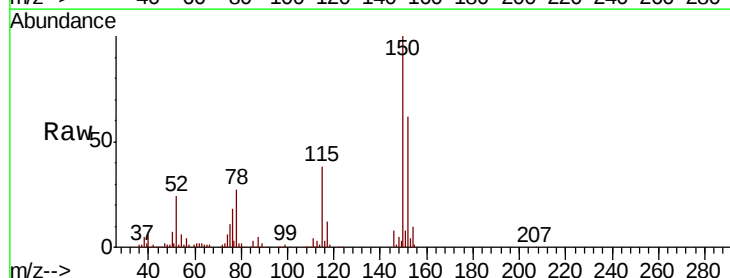
Tgt Ion:152 Resp: 96700

Ion Ratio Lower Upper

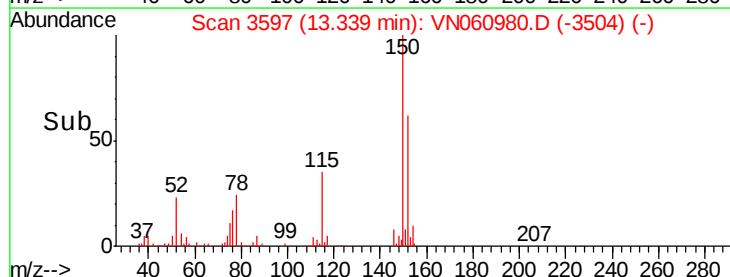
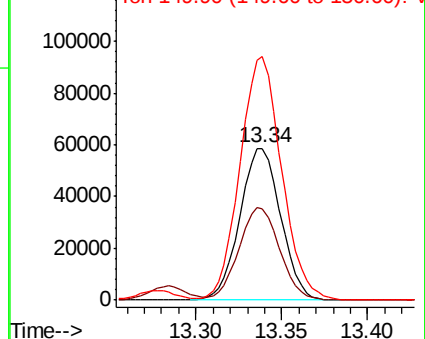
152 100

115 60.8 30.2 90.6

150 163.9 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: 18.716 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

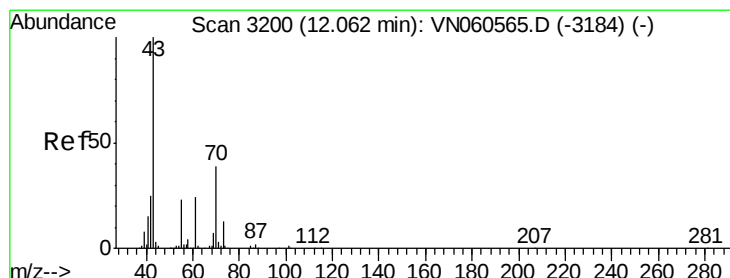
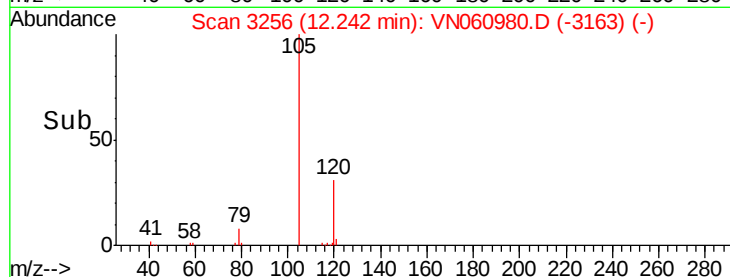
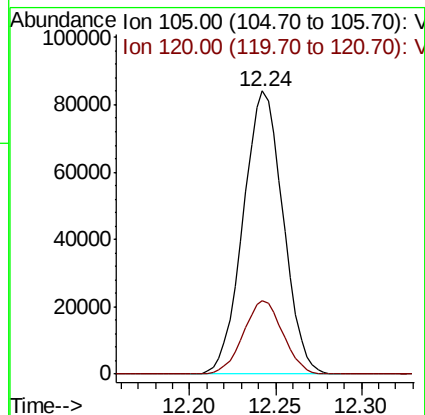
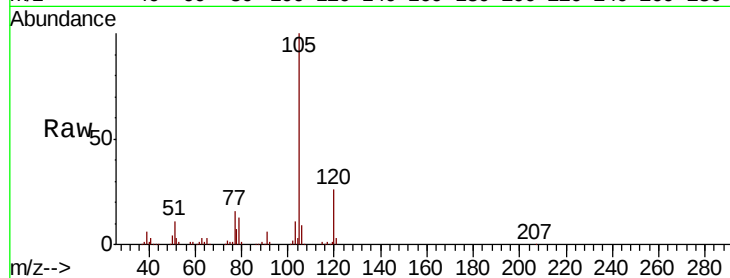
ClientSampleId :

Tot Ion:105 Resp: 135820

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 19.356 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Tgt Ion: 43 Resp: 64906

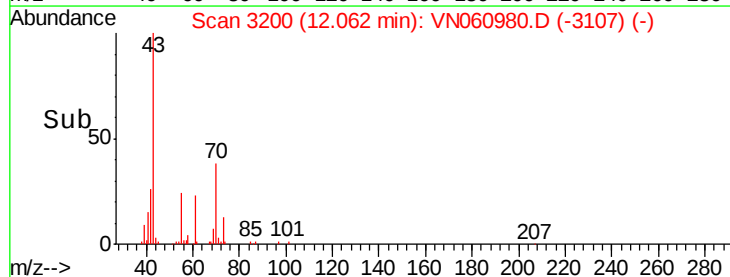
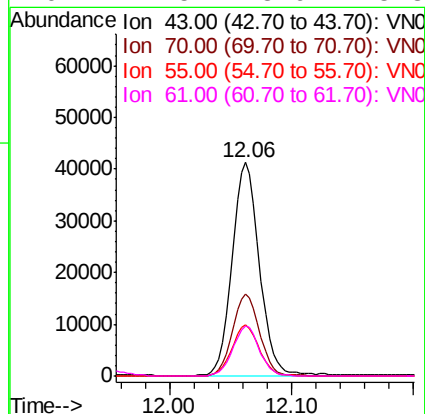
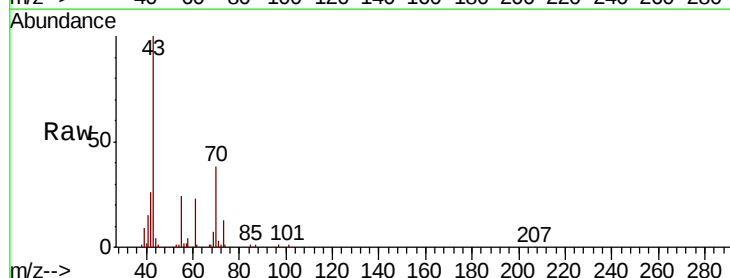
Ion Ratio Lower Upper

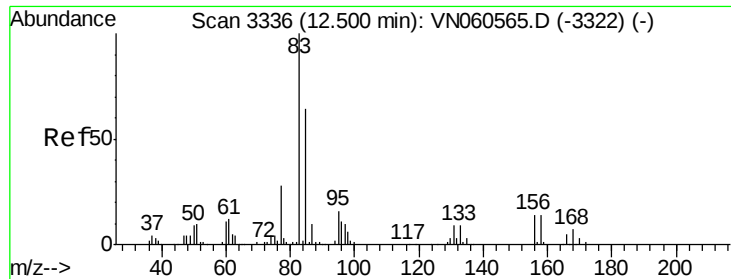
43 100

70 37.7 31.1 46.7

55 23.5 18.6 27.8

61 22.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.521 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

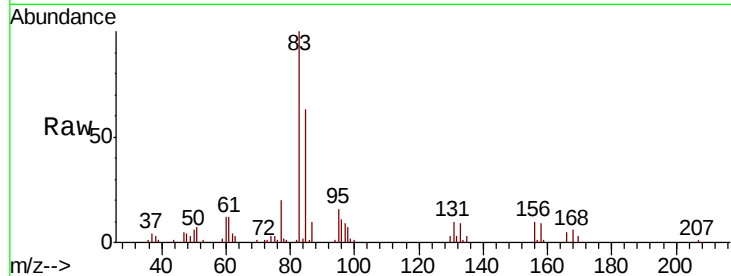
Tot Ion: 83 Resp: 45034

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.7

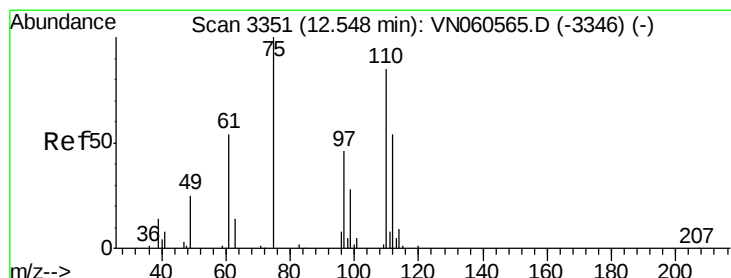
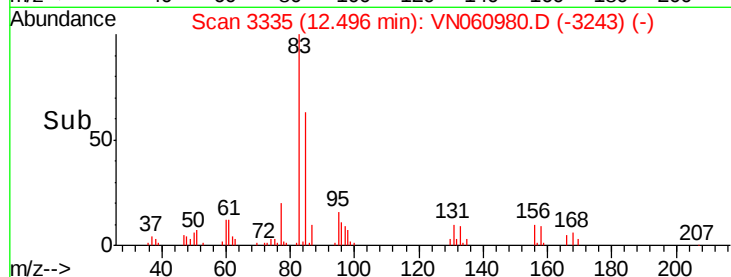
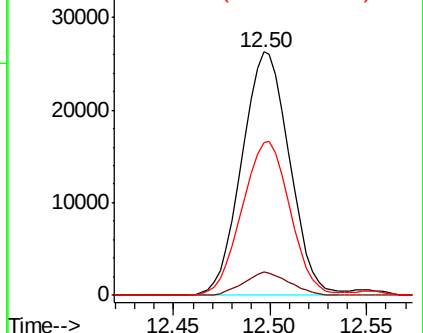
85 63.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060980.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060980.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060980.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.088 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060980.D

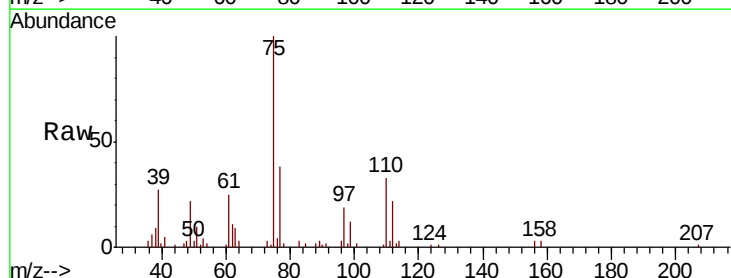
Acq: 15 Apr 2020 22:40

Tgt Ion: 75 Resp: 58608

Ion Ratio Lower Upper

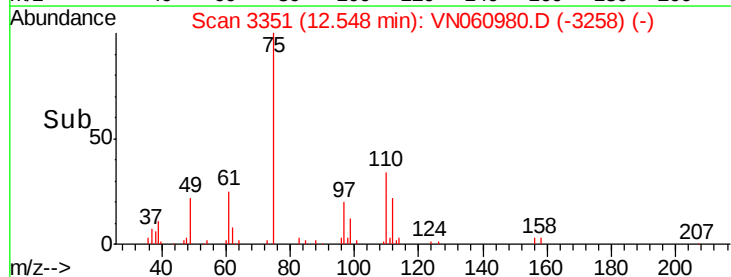
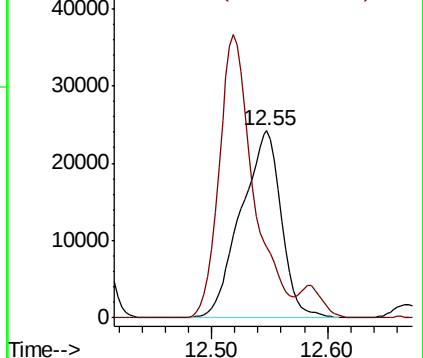
75 100

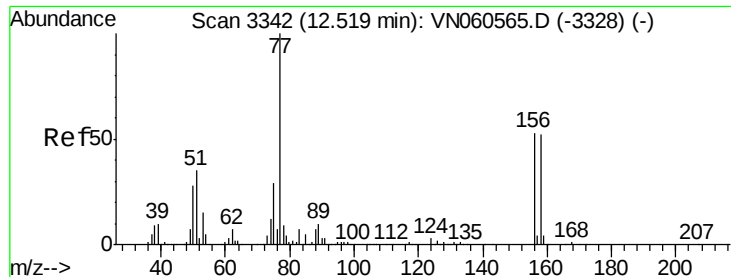
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060980.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060980.D (-3258) (-)





#77

Bromobenzene

Concen: 18.316 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

ClientSampled :

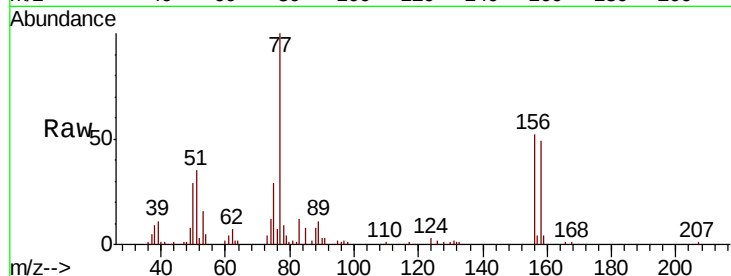
Tot Ion:156 Resp: 32028

Ion Ratio Lower Upper

156 100

77 235.8 112.3 337.0

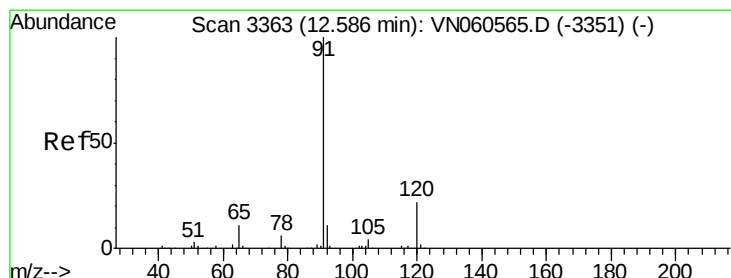
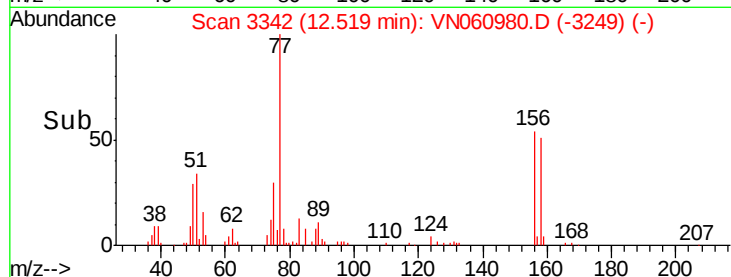
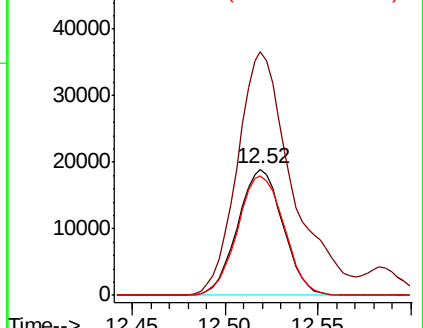
158 97.7 48.6 145.8



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: 18.621 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060980.D

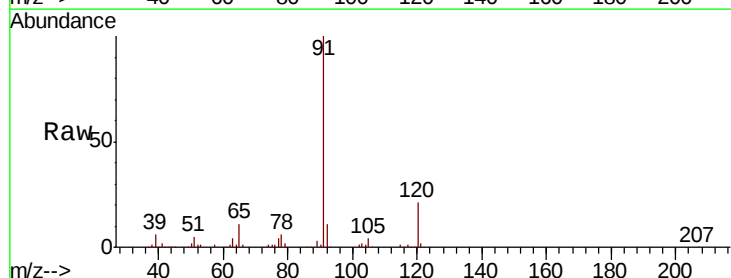
Acq: 15 Apr 2020 22:40

Tgt Ion: 91 Resp: 159653

Ion Ratio Lower Upper

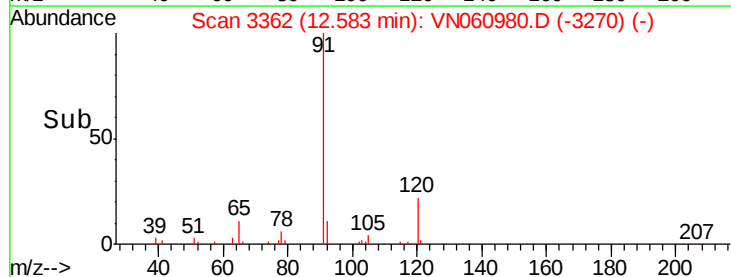
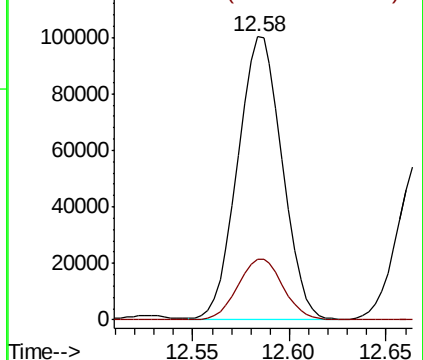
91 100

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: 18.598 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

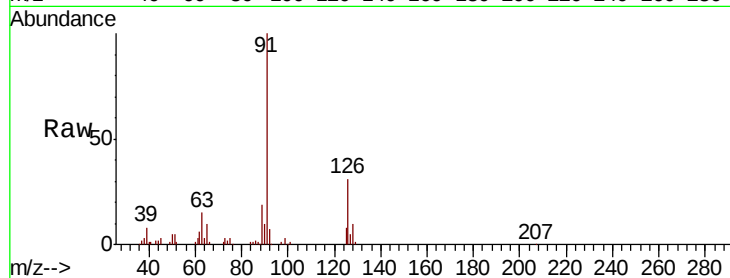
ClientSampleId :

Tot Ion: 91 Resp: 95271

Ion Ratio Lower Upper

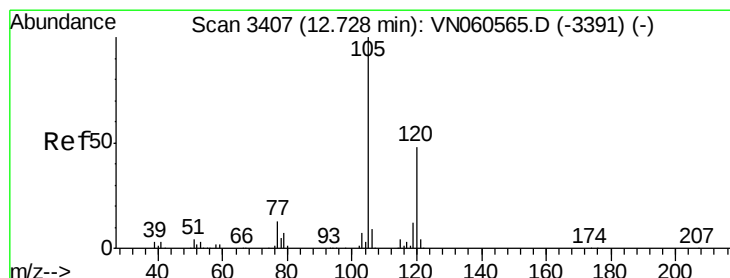
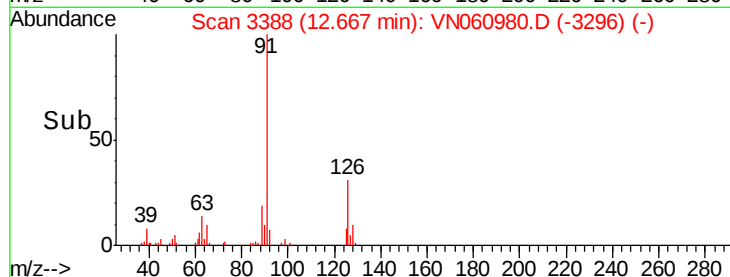
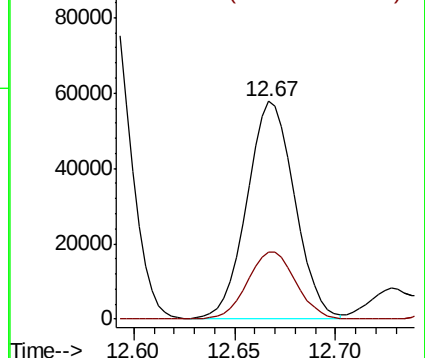
91 100

126 31.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060980.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060980.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.495 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060980.D

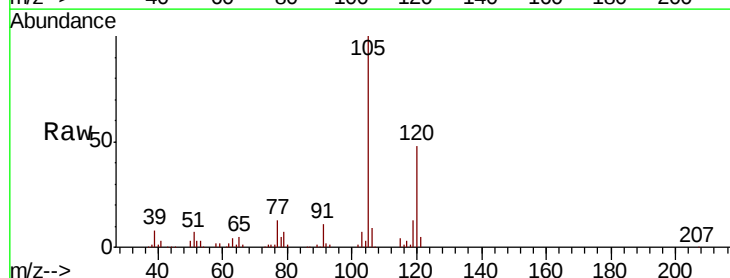
Acq: 15 Apr 2020 22:40

Tgt Ion:105 Resp: 113899

Ion Ratio Lower Upper

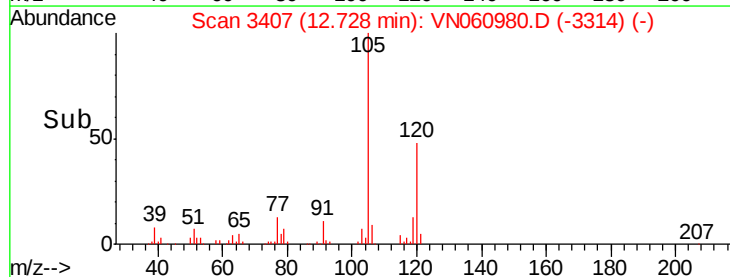
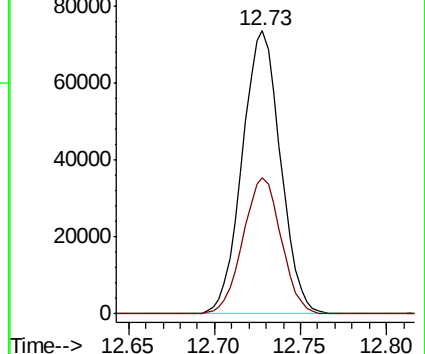
105 100

120 47.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060980.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060980.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.786 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

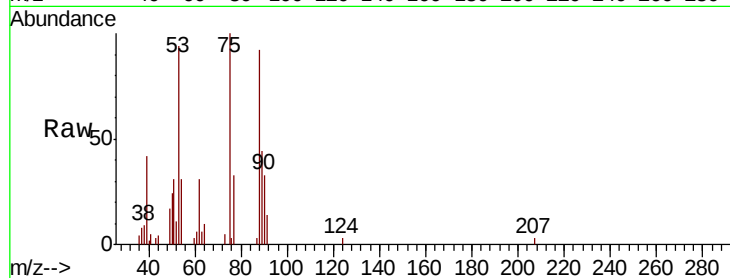
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 14450

Ion	Ratio	Lower	Upper
75	100		
53	96.0	73.0	109.4
89	43.7	34.8	52.2

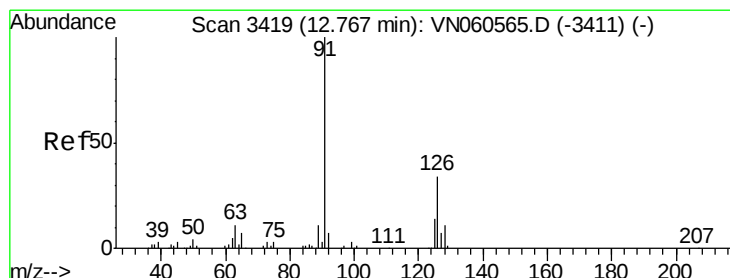
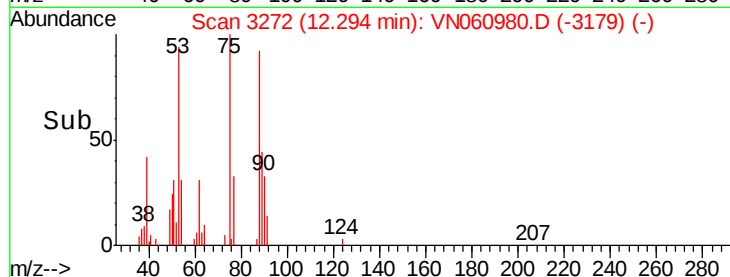
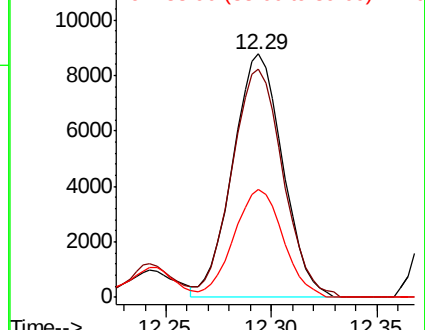


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.825 ug/l

RT: 12.77 min Scan# 3419

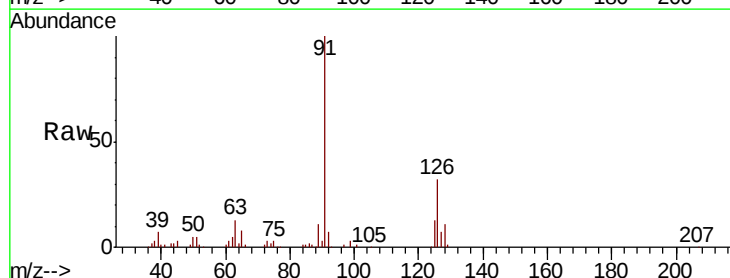
Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Tgt Ion: 91 Resp: 98218

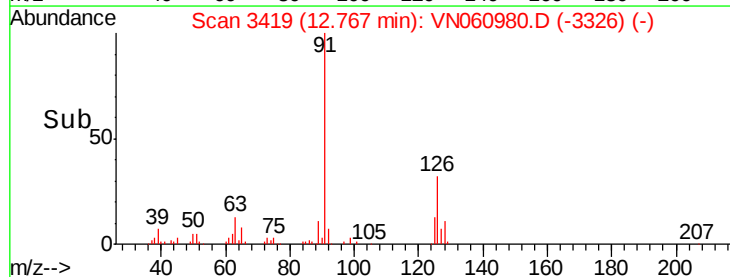
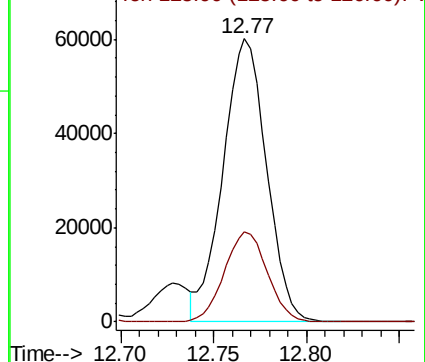
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.5

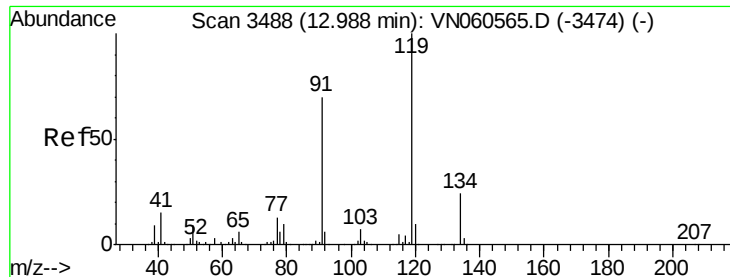


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

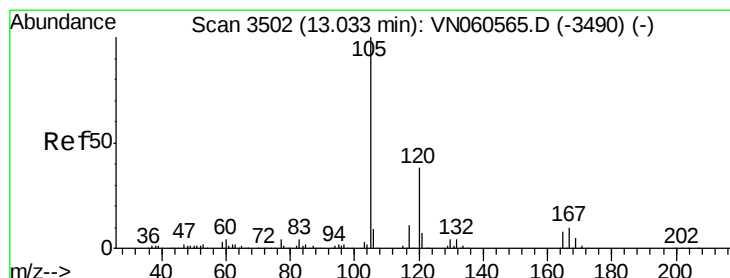
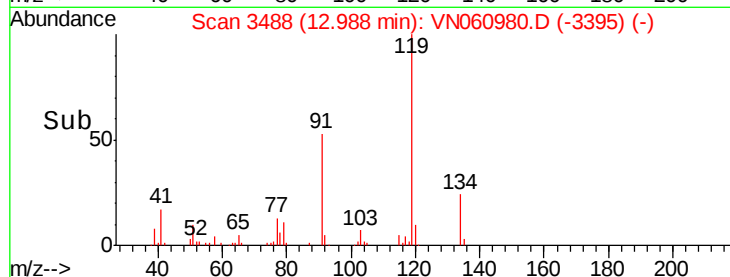
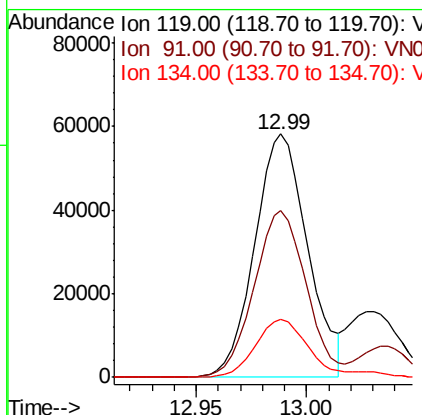
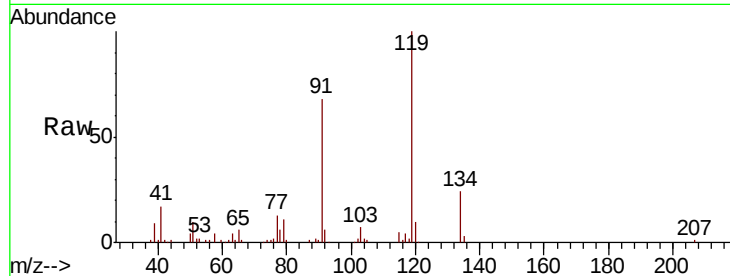




#83
 tert-Butylbenzene
 Concen: 19.028 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

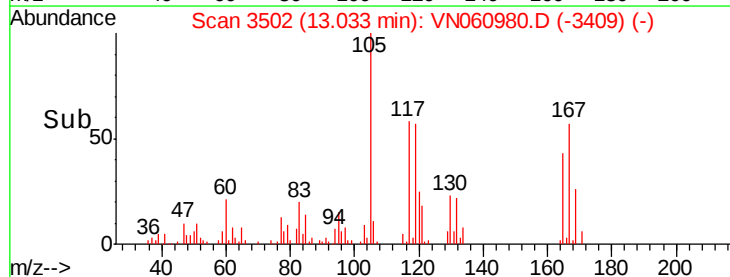
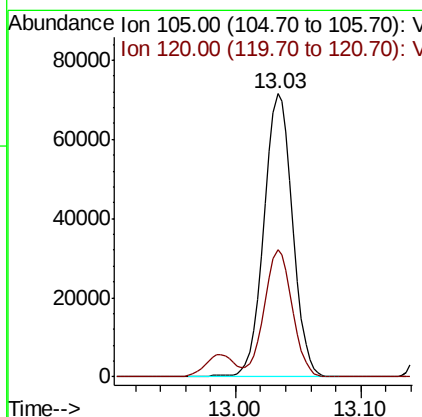
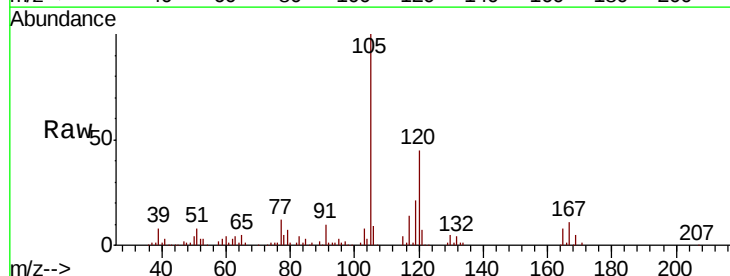
Instrument :
 MSVOA_N
 ClientSampled :

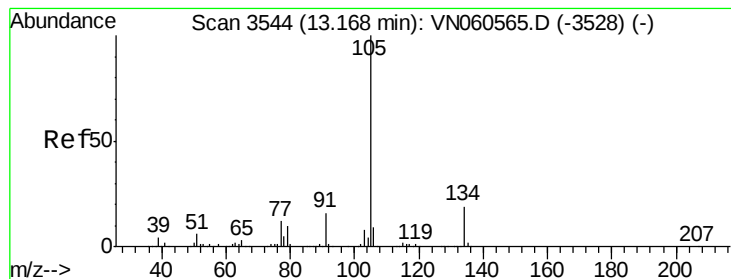
Tot Ion:119 Resp: 97140
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.0 101.8
 134 24.8 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.644 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion:105 Resp: 113588
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.113 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

Instrument :

MSVOA_N

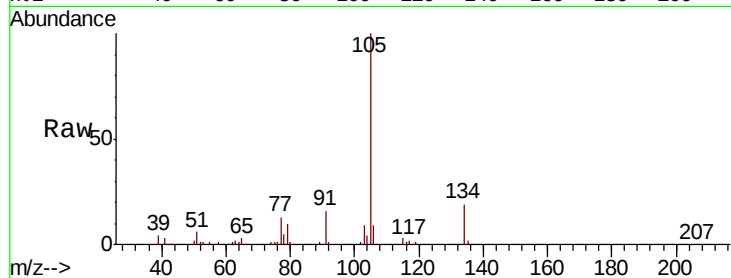
ClientSampled :

Tot Ion:105 Resp: 131211

Ion Ratio Lower Upper

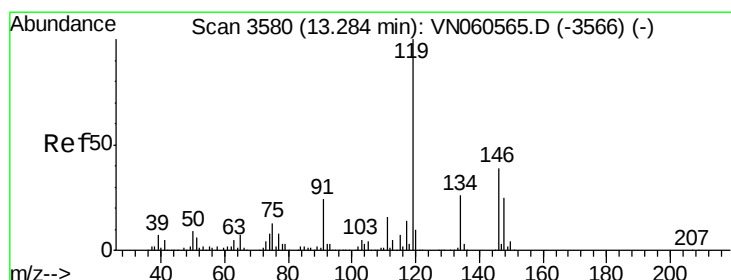
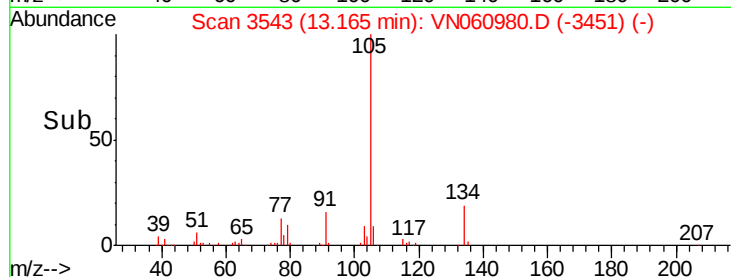
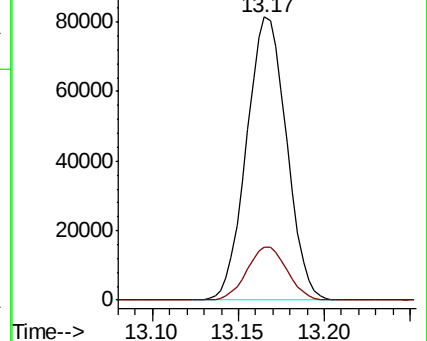
105 100

134 18.8 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: 18.376 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060980.D

Acq: 15 Apr 2020 22:40

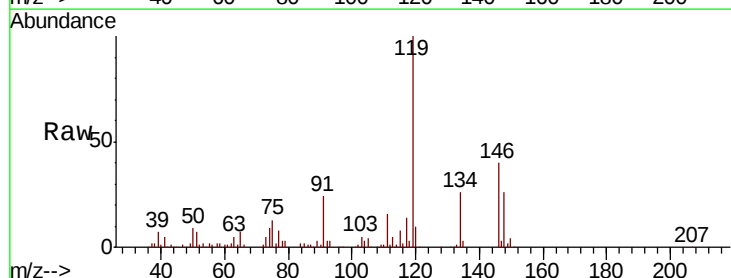
Tgt Ion:119 Resp: 113437

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

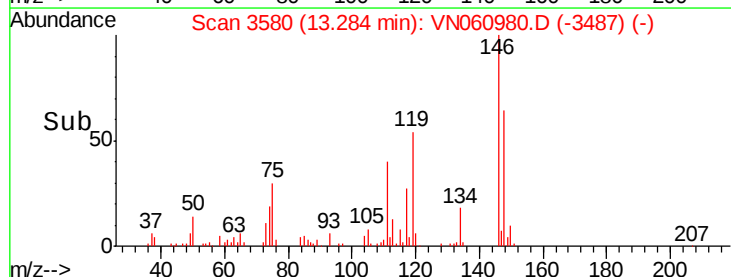
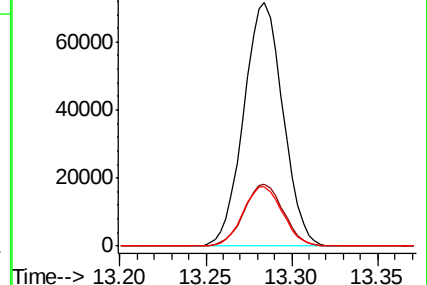
91 24.6 12.0 36.0

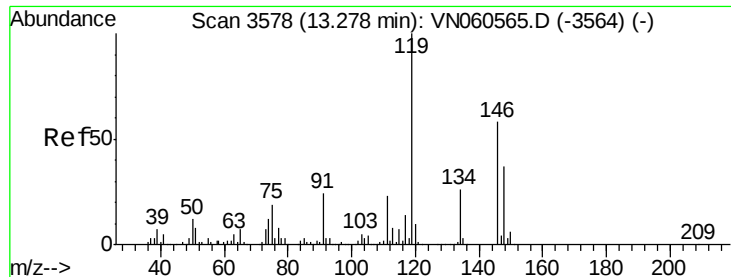


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

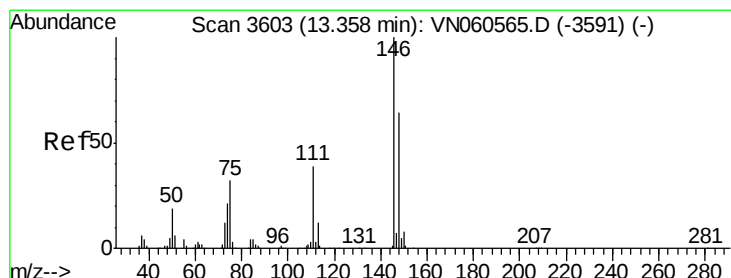
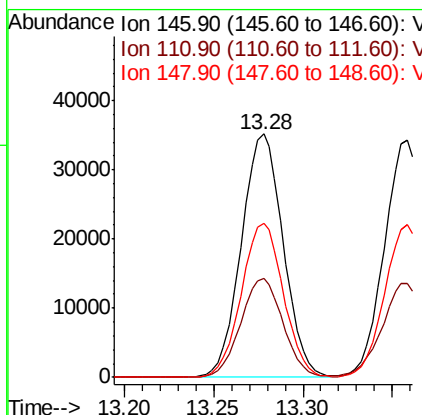
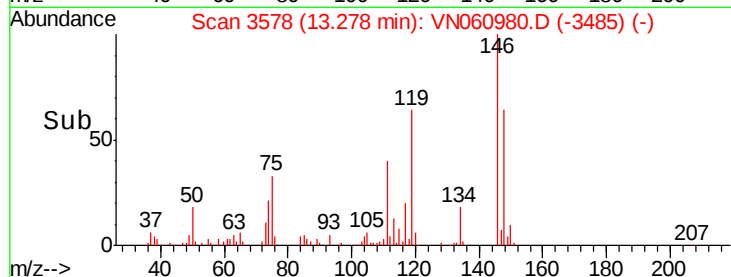
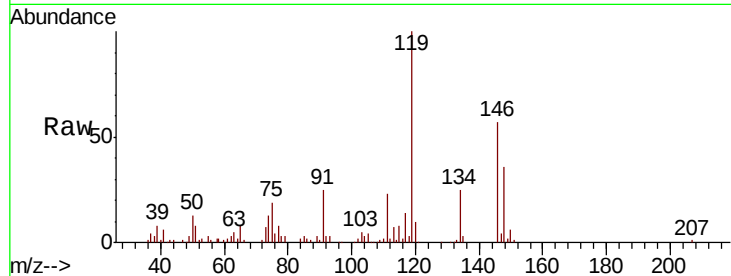




#87
 1,3-Dichlorobenzene
 Concen: 18.737 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

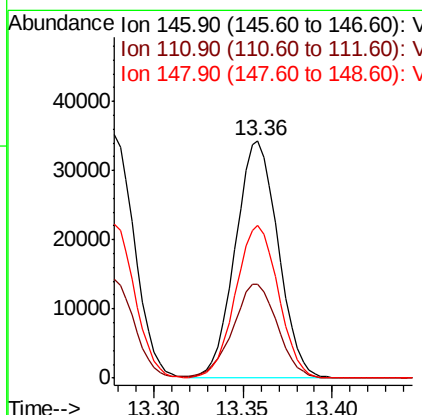
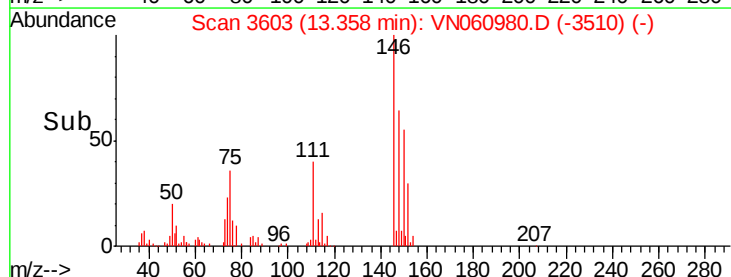
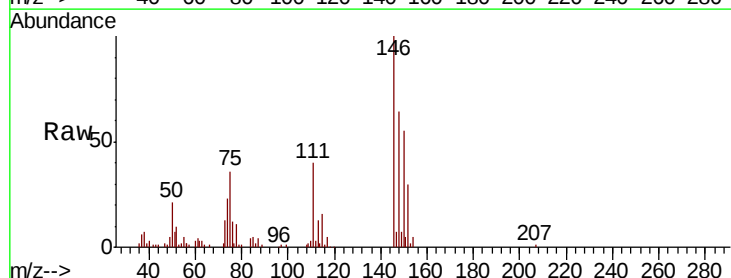
Instrument :
 MSVOA_N
 ClientSampleId :

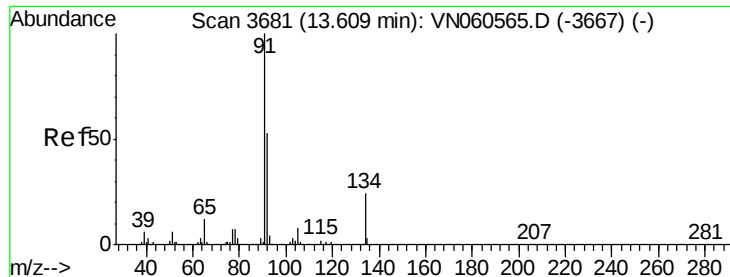
Tot Ion:146 Resp: 57788
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 63.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.533 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion:146 Resp: 57425
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 64.2 32.1 96.3

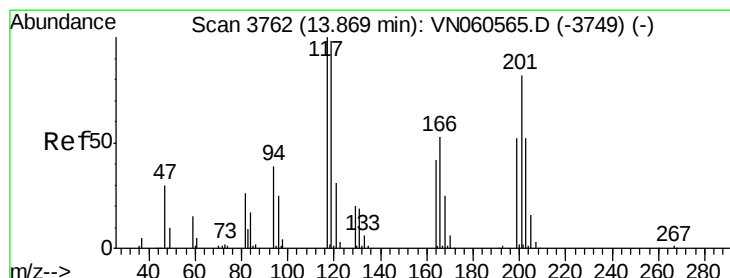
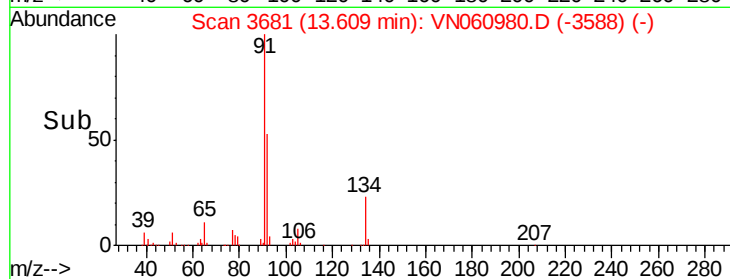
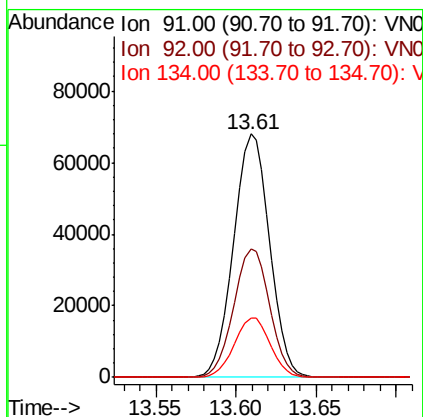
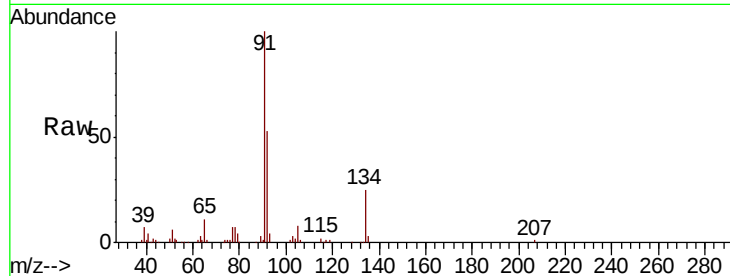




#89
n-Butylbenzene
Concen: 18.667 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

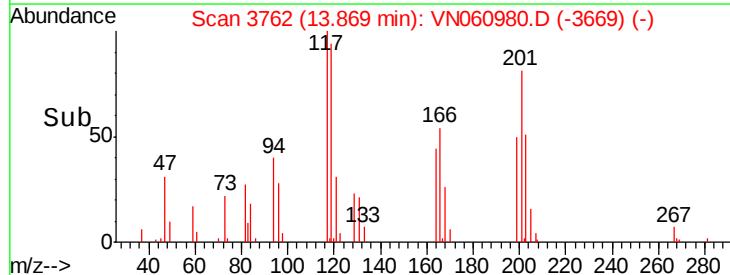
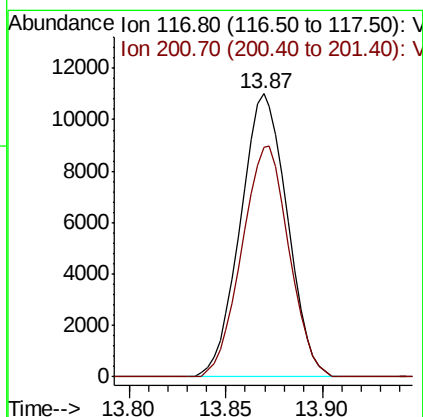
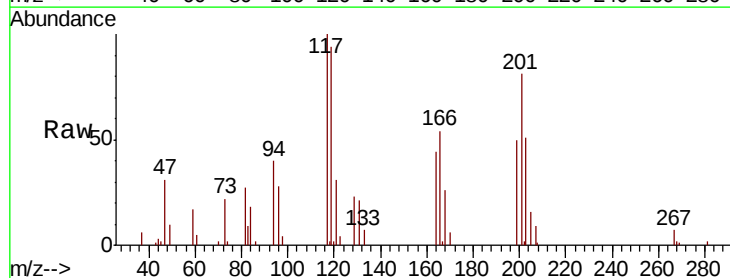
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 104042
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.4 12.3 36.9



#90
Hexachloroethane
Concen: 20.691 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion: 117 Resp: 18566
Ion Ratio Lower Upper
117 100
201 81.8 40.8 122.5

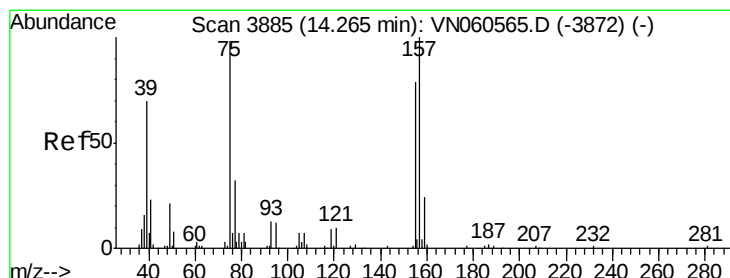
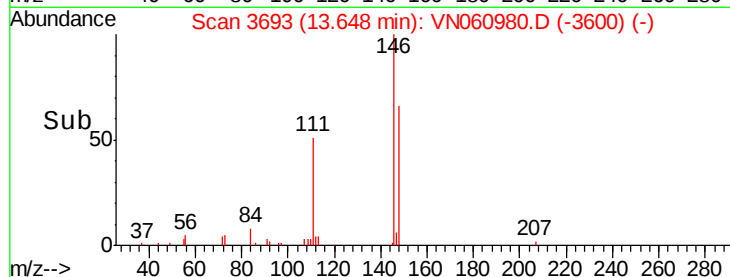
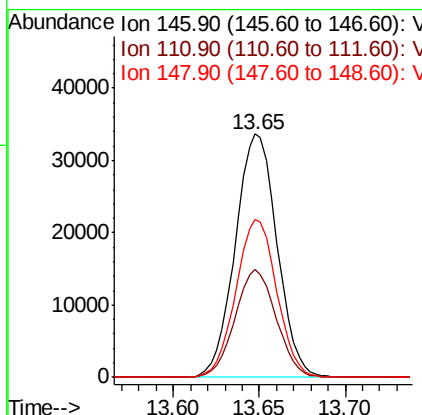
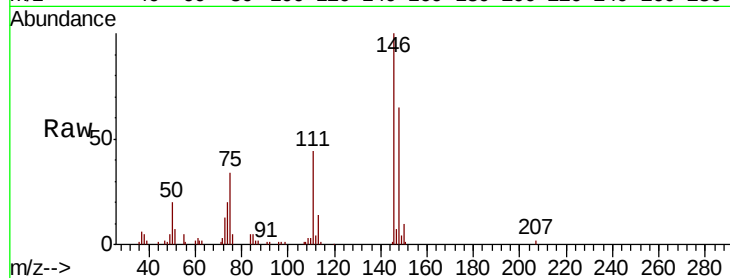




#91
 1,2-Dichlorobenzene
 Concen: 19.181 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

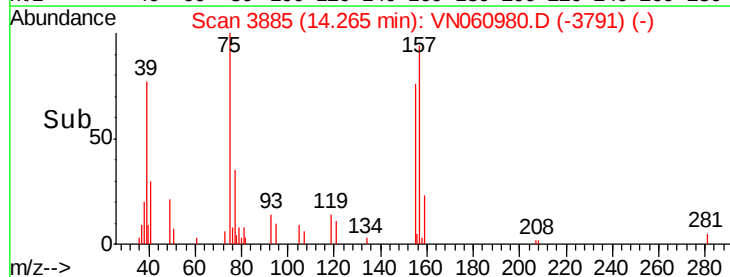
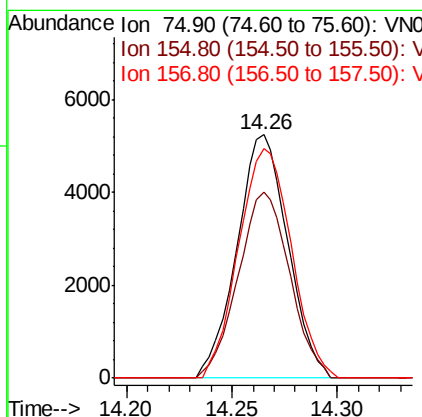
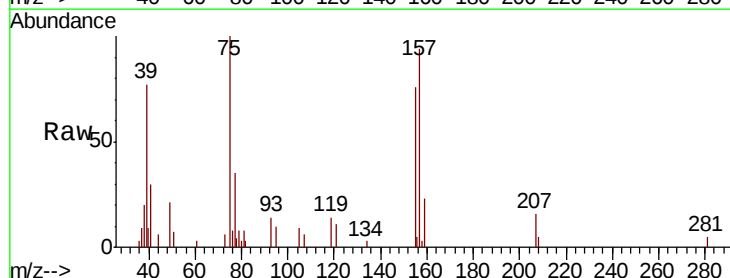
Instrument :
 MSVOA_N
 ClientSampleId :

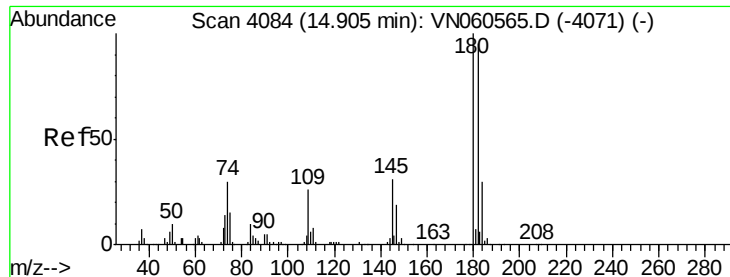
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.0	63.0
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.908 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	40.7	122.1
157	97.8	51.5	154.7

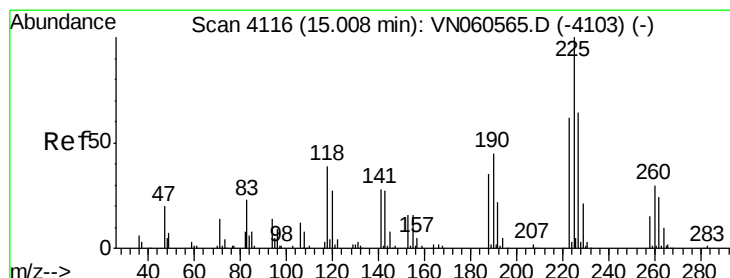
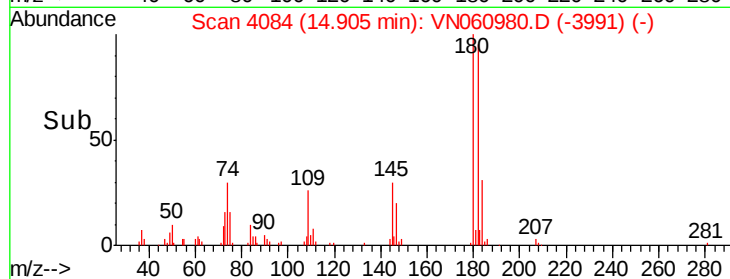
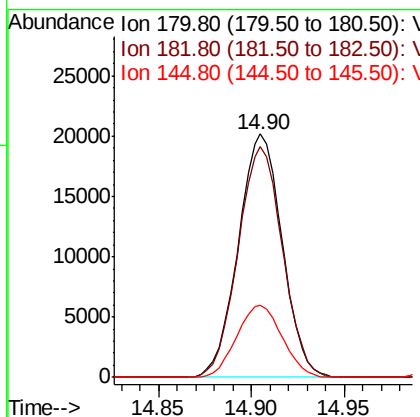
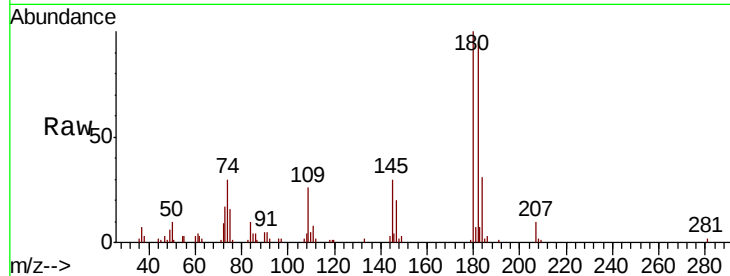




#93
 1,2,4-Trichlorobenzene
 Concen: 18.365 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

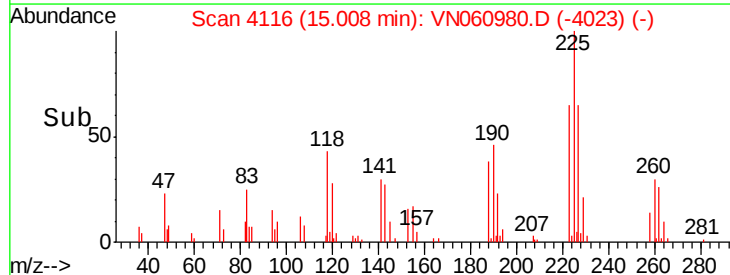
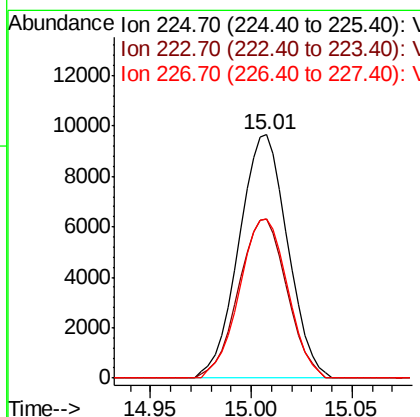
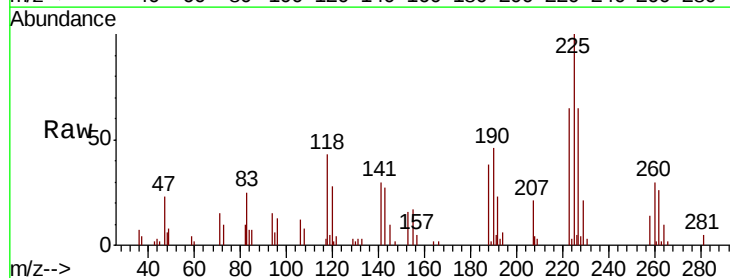
Instrument :
 MSVOA_N
 ClientSampled :

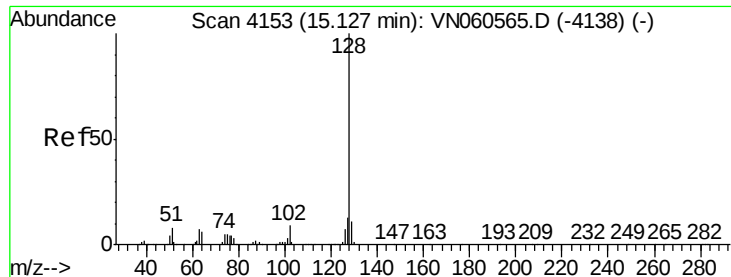
Tot Ion:180 Resp: 33259
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 30.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 18.357 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060980.D
 Acq: 15 Apr 2020 22:40

Tgt Ion:225 Resp: 16297
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.6 95.0
 227 64.6 32.3 96.8

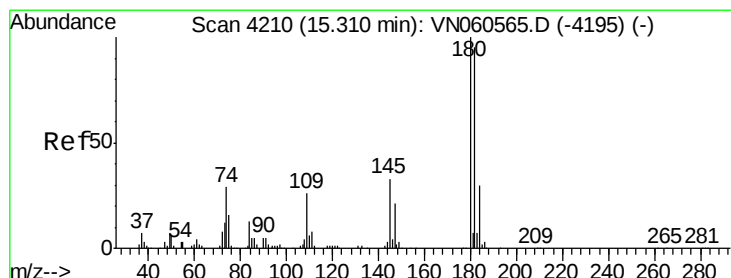
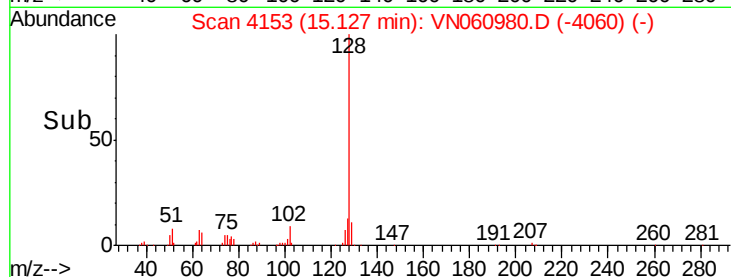
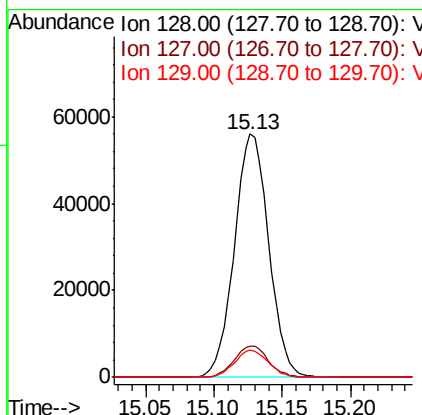
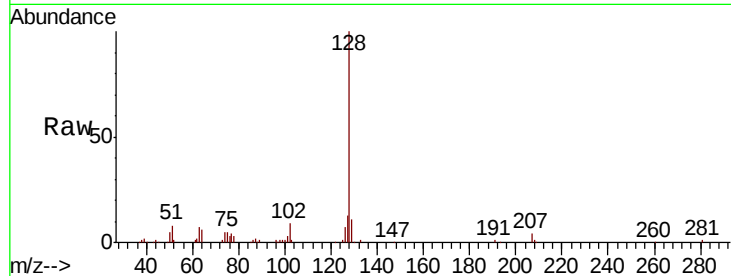




#95
Naphthalene
Concen: 17.991 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.245 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.00 min
Lab File: VN060980.D
Acq: 15 Apr 2020 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.5	142.6
145	32.8	16.3	48.8

