

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061009.D
 Acq On : 16 Apr 2020 14:00
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 03:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	294465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	104822	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.56	113	83160	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.08	98	301837	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.39	95	119507	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	120038	51.470	ug/l 100
3) Chloromethane	2.04	50	153074	48.923	ug/l 99
4) Vinyl Chloride	2.17	62	131623	50.621	ug/l 100
5) Bromomethane	2.54	94	67735	51.947	ug/l 99
6) Chloroethane	2.68	64	78408	52.275	ug/l 99
7) Trichlorofluoromethane	3.00	101	169380	52.325	ug/l 99
8) Diethyl Ether	3.38	74	66006	51.304	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96184	50.645	ug/l 99
10) Methyl Iodide	3.93	142	93711	55.931	ug/l 99
11) Tert butyl alcohol	4.72	59	90743	226.593	ug/l 100
12) 1,1-Dichloroethene	3.72	96	98099	50.815	ug/l 98
13) Acrolein	3.57	56	78179	231.208	ug/l 99
14) Allyl chloride	4.29	41	179937	49.261	ug/l 98
15) Acrylonitrile	4.94	53	276993	255.101	ug/l 98
16) Acetone	3.78	43	258261	259.961	ug/l 99
17) Carbon Disulfide	4.03	76	305817	50.624	ug/l 99
18) Methyl Acetate	4.28	43	156931	50.375	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	338326	50.261	ug/l 97
20) Methylene Chloride	4.52	84	109499	50.482	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	105798	51.238	ug/l 97
22) Diisopropyl ether	5.91	45	382436	50.412	ug/l 99
23) Vinyl Acetate	5.86	43	1509511	253.745	ug/l 100
24) 1,1-Dichloroethane	5.81	63	207538	50.652	ug/l 100
25) 2-Butanone	6.79	43	380987	250.263	ug/l 99
26) 2,2-Dichloropropane	6.79	77	176954	51.869	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	119729	50.507	ug/l 100
28) Bromochloromethane	7.17	49	90306	48.016	ug/l 100
29) Tetrahydrofuran	7.17	42	249548	241.458	ug/l 99
30) Chloroform	7.34	83	194107	50.791	ug/l 97
31) Cyclohexane	7.63	56	204512	48.642	ug/l 99
32) 1,1,1-Trichloroethane	7.54	97	167030	50.529	ug/l 99
36) 1,1-Dichloropropene	7.77	75	156321	51.445	ug/l 100
37) Ethyl Acetate	6.89	43	158684	48.094	ug/l 99
38) Carbon Tetrachloride	7.75	117	135688	53.647	ug/l 98

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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	190606	52.468	ug/l	99
40) Benzene	8.02	78	456828	50.677	ug/l	100
41) Methacrylonitrile	7.17	41	226368	164.488	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	157862	51.406	ug/l	100
43) Isopropyl Acetate	8.14	43	270588	50.425	ug/l	99
44) Trichloroethene	8.81	130	114264	50.445	ug/l	100
45) 1,2-Dichloropropane	9.10	63	123699	50.804	ug/l	98
46) Dibromomethane	9.19	93	74431	53.020	ug/l	99
47) Bromodichloromethane	9.38	83	153691	51.824	ug/l	98
48) Methyl methacrylate	9.18	41	122761	51.767	ug/l	99
49) 1,4-Dioxane	9.18	88	29415	894.793	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	784781	253.695	ug/l	100
52) Toluene	10.14	92	275931	51.023	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	182312	52.923	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	196383	52.248	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	105617	51.607	ug/l	97
56) Ethyl methacrylate	10.42	69	171693	53.351	ug/l	100
57) 1,3-Dichloropropane	10.69	76	184991	50.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	372674	254.850	ug/l	100
59) 2-Hexanone	10.74	43	574002	257.296	ug/l	99
60) Dibromochloromethane	10.89	129	110174	52.406	ug/l	99
61) 1,2-Dibromoethane	10.99	107	107288	51.447	ug/l	100
64) Tetrachloroethene	10.62	164	103863	50.515	ug/l	99
65) Chlorobenzene	11.42	112	279830	50.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	101537	51.165	ug/l	99
67) Ethyl Benzene	11.50	91	531886	50.977	ug/l	98
68) m/p-Xylenes	11.61	106	387725	102.823	ug/l	100
69) o-Xylene	11.94	106	186498	51.440	ug/l	100
70) Styrene	11.96	104	311397	53.351	ug/l	99
71) Bromoform	12.12	173	78759	53.169	ug/l #	100
73) Isopropylbenzene	12.24	105	502941	49.692	ug/l	100
74) N-amyl acetate	12.06	43	231120	49.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	152280	49.289	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	208450	75.015	ug/l #	100
77) Bromobenzene	12.52	156	116795	49.425	ug/l	99
78) n-propylbenzene	12.58	91	604019	51.009	ug/l	99
79) 2-Chlorotoluene	12.67	91	346023	49.823	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	424967	50.798	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55928	49.644	ug/l	98
82) 4-Chlorotoluene	12.77	91	364621	50.621	ug/l	99
83) tert-Butylbenzene	12.99	119	354901	50.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	424033	51.277	ug/l	100
85) sec-Butylbenzene	13.17	105	485671	50.948	ug/l	100
86) p-Isopropyltoluene	13.28	119	436115	51.377	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	211702	50.269	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	210662	49.723	ug/l	99
89) n-Butylbenzene	13.61	91	411554	52.137	ug/l	100
90) Hexachloroethane	13.87	117	67032	51.470	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	201614	50.160	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31315	52.372	ug/l	98

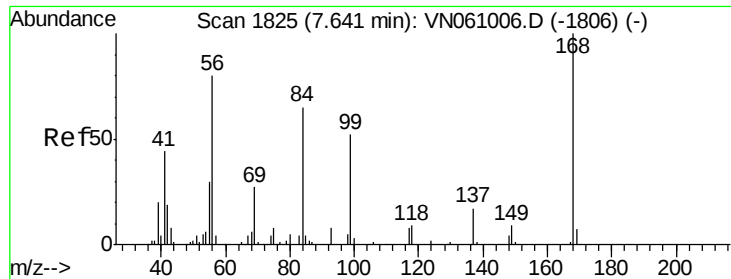
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	128406	53.974	ug/l	100
94) Hexachlorobutadiene	15.00	225	62358	50.952	ug/l	100
95) Naphthalene	15.13	128	371896	53.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	121565	53.023	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

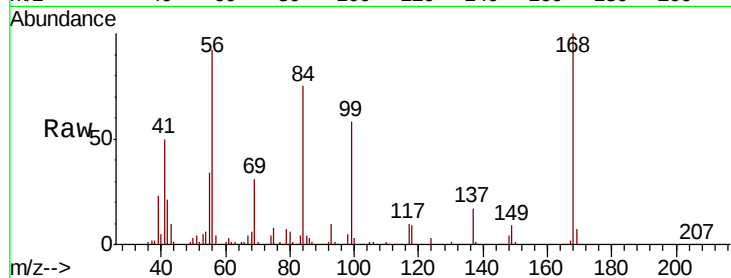
ClientSampleId :

Tot Ion:168 Resp: 176413

Ion Ratio Lower Upper

168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

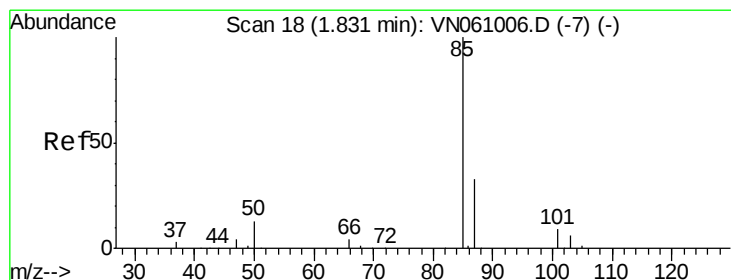
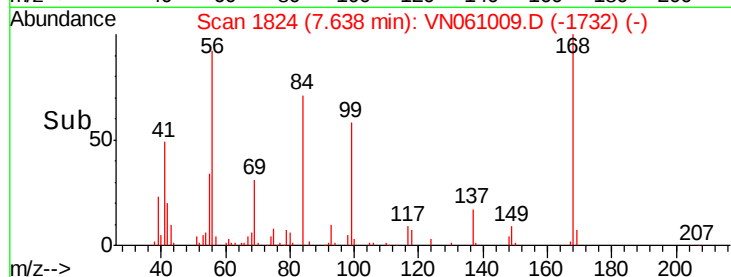
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.470 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061009.D

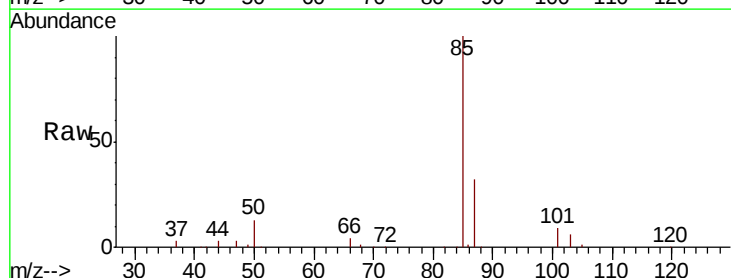
Acq: 16 Apr 2020 14:00

Tgt Ion: 85 Resp: 120038

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

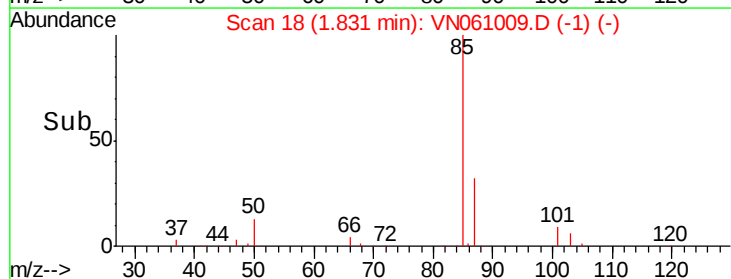
40000

20000

0

1.75 1.80 1.85 1.90

Time-->

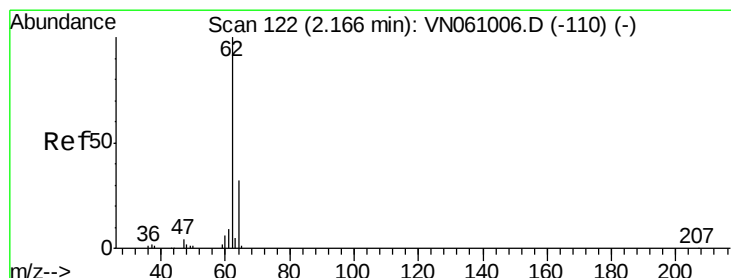
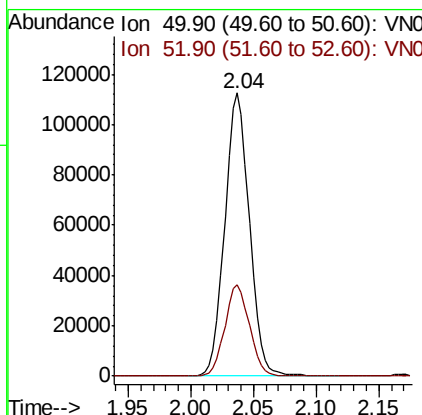
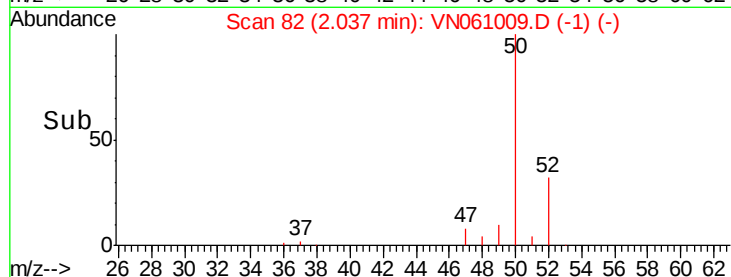
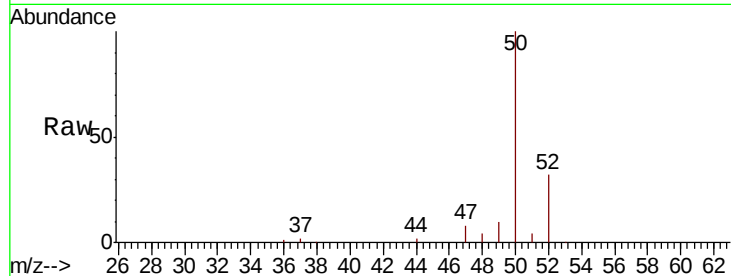




#3
 Chloromethane
 Concen: 48.923 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

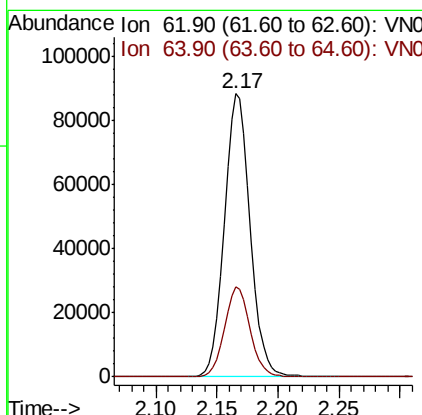
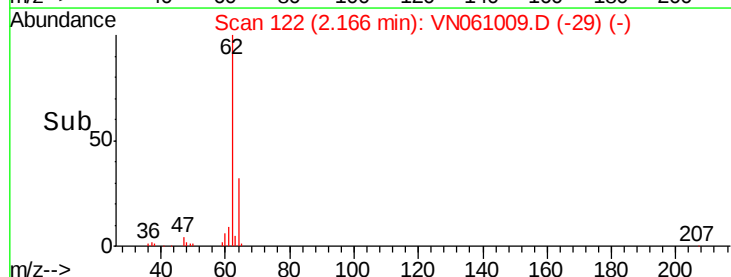
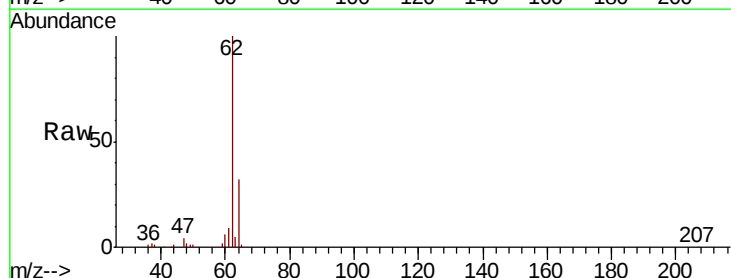
Instrument :
 MSVOA_N
 ClientSampled :

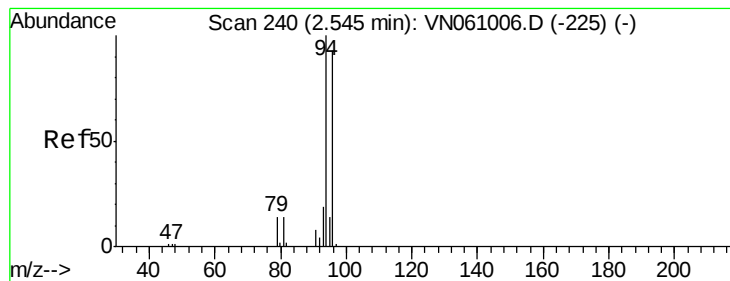
Tot Ion: 50 Resp: 153074
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.6 38.4



#4
 Vinyl Chloride
 Concen: 50.621 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 62 Resp: 131623
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.4 38.0





#5

Bromomethane

Concen: 51.947 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

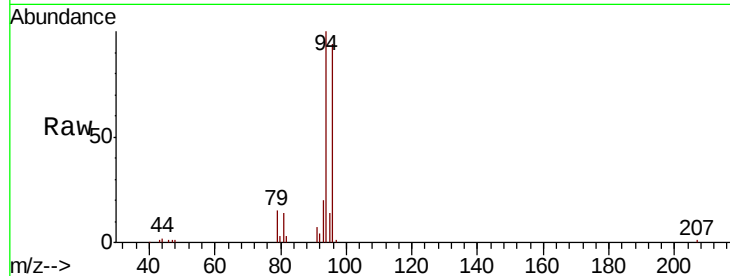
ClientSampleId :

Tot Ion: 94 Resp: 67735

Ion Ratio Lower Upper

94 100

96 94.2 74.3 111.5

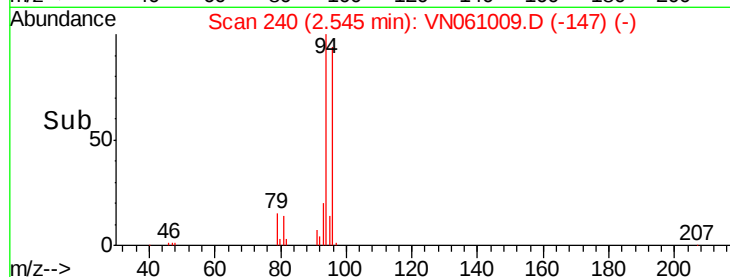


Abundance Ion 93.90 (93.60 to 94.60): VN061009.D (-147) (-)

Ion 95.90 (95.60 to 96.60): VN061009.D (-147) (-)

2.54

Time-->



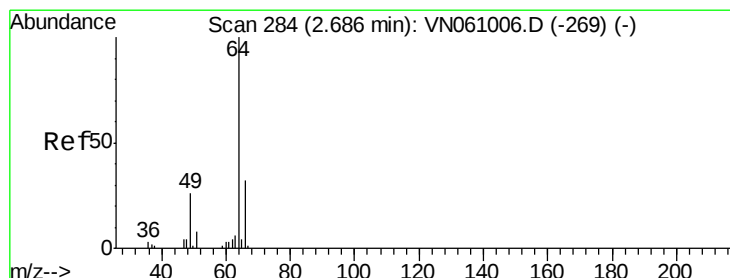
Abundance

Ion 93.90 (93.60 to 94.60): VN061009.D (-147) (-)

Ion 95.90 (95.60 to 96.60): VN061009.D (-147) (-)

2.54

Time-->



#6

Chloroethane

Concen: 52.275 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061009.D

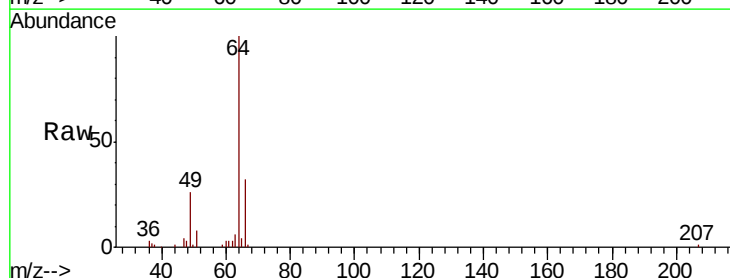
Acq: 16 Apr 2020 14:00

Tgt Ion: 64 Resp: 78408

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8

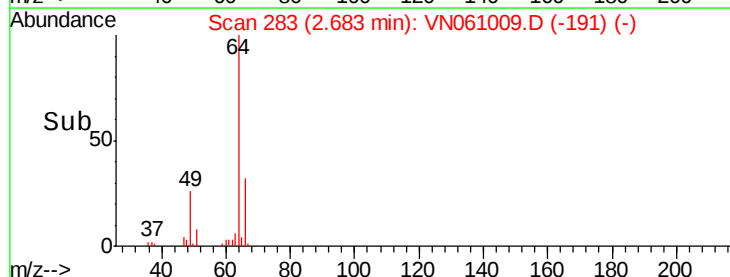


Abundance Ion 63.90 (63.60 to 64.60): VN061009.D (-191) (-)

Ion 65.90 (65.60 to 66.60): VN061009.D (-191) (-)

2.68

Time-->



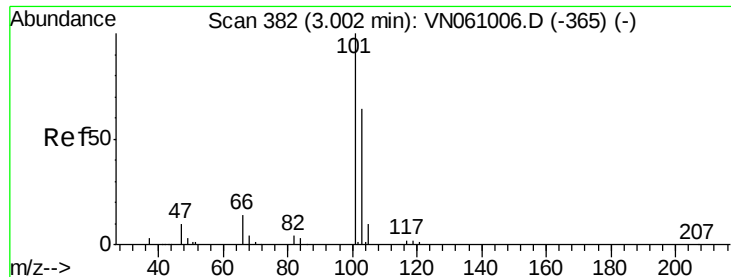
Abundance

Ion 63.90 (63.60 to 64.60): VN061009.D (-191) (-)

Ion 65.90 (65.60 to 66.60): VN061009.D (-191) (-)

2.68

Time-->

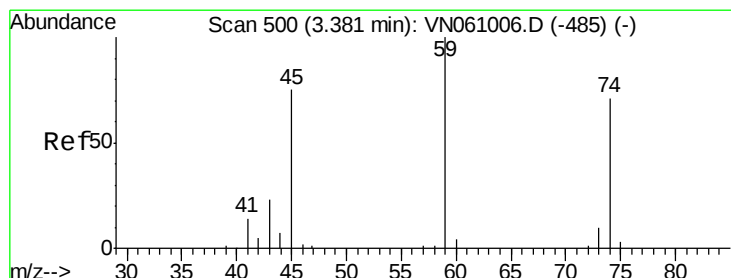
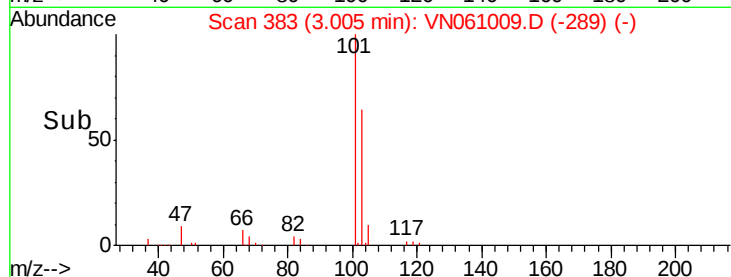
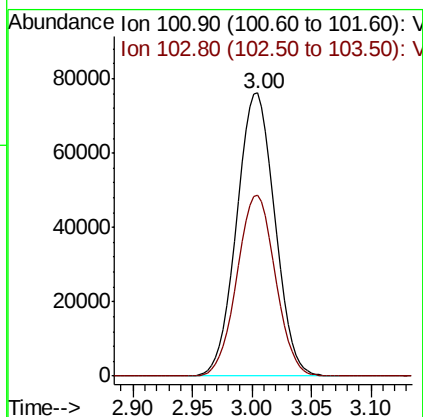
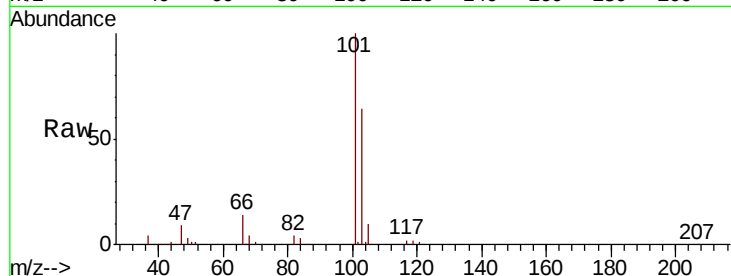


#7

Trichlorofluoromethane
Concen: 52.325 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampled :

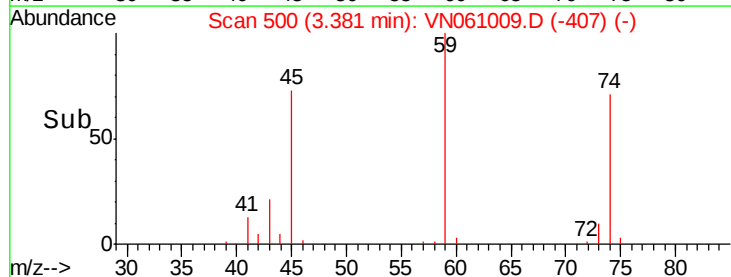
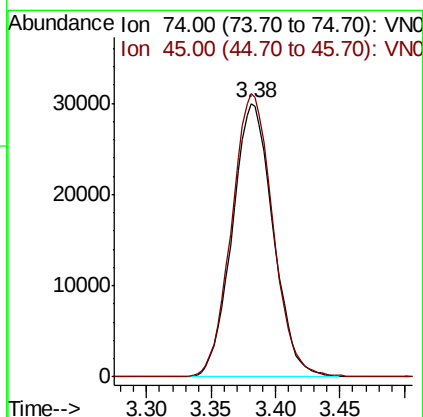
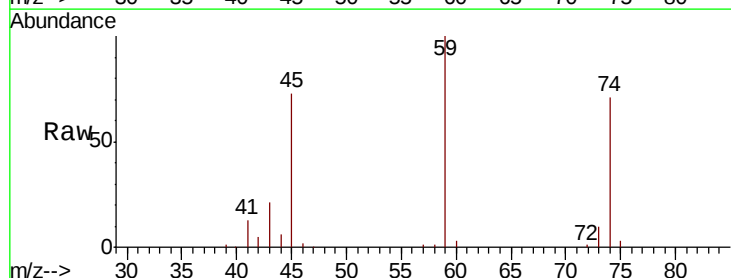
Tot Ion:101 Resp: 169380
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

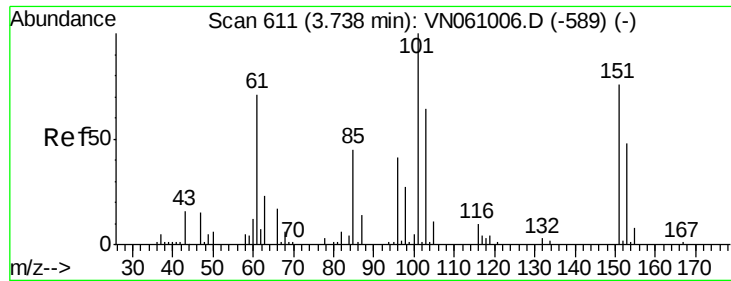


#8

Diethyl Ether
Concen: 51.304 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 74 Resp: 66006
Ion Ratio Lower Upper
74 100
45 104.7 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.645 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

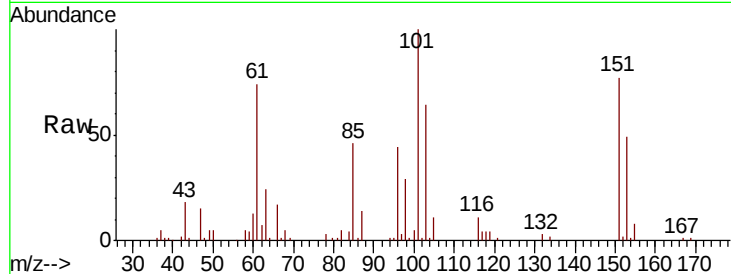
Tot Ion:101 Resp: 96184

Ion Ratio Lower Upper

101 100

85 45.1 35.9 53.9

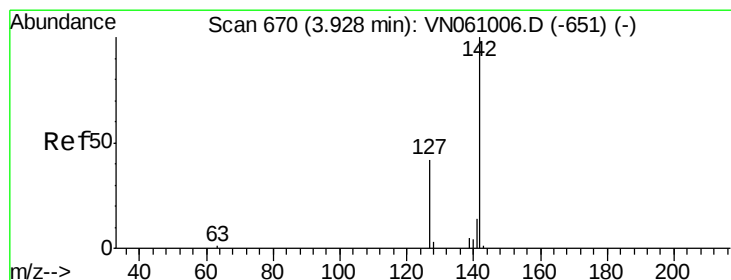
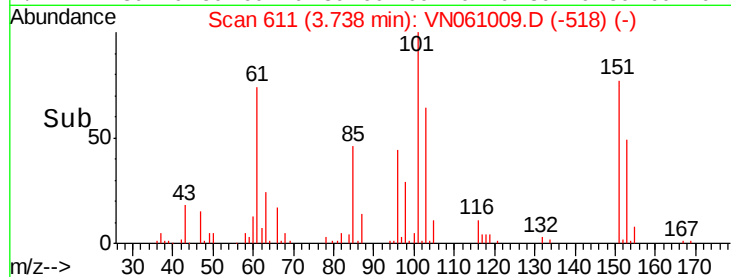
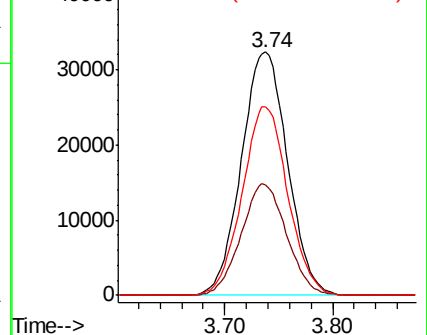
151 76.6 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.931 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

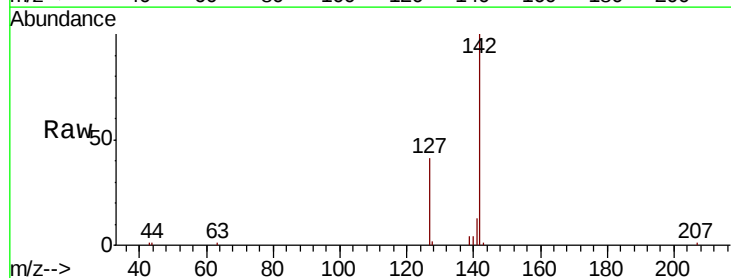
Tgt Ion:142 Resp: 93711

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.2

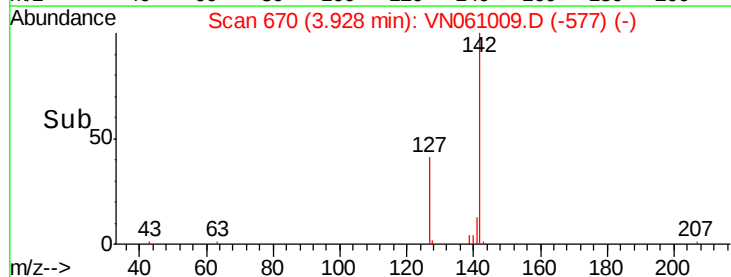
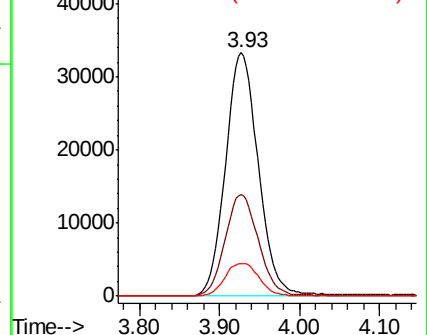
141 13.9 11.0 16.6

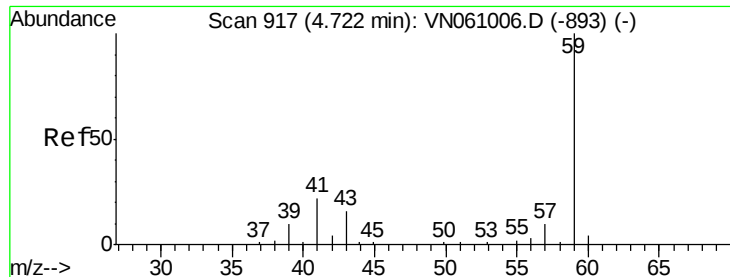


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

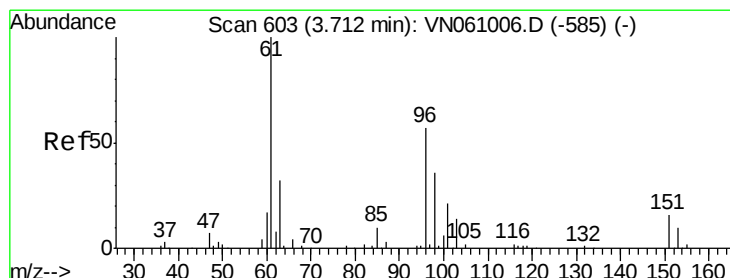
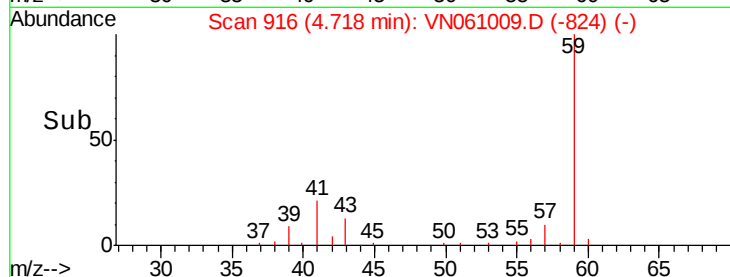
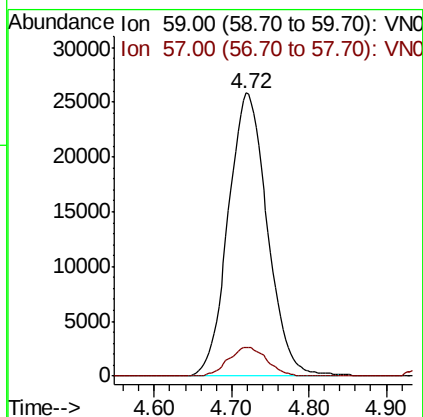
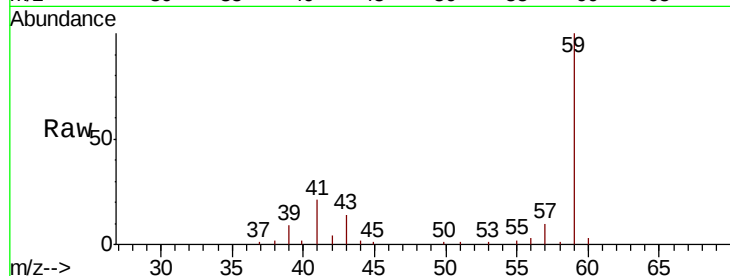




#11
Tert butyl alcohol
Concen: 226.593 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

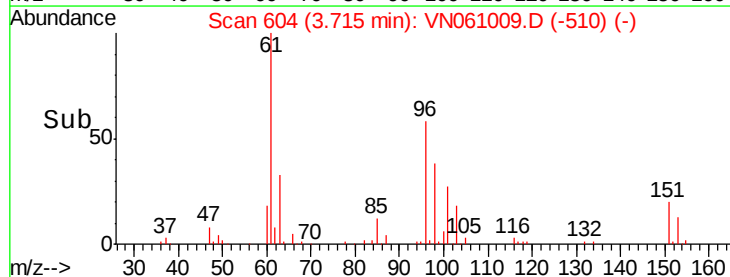
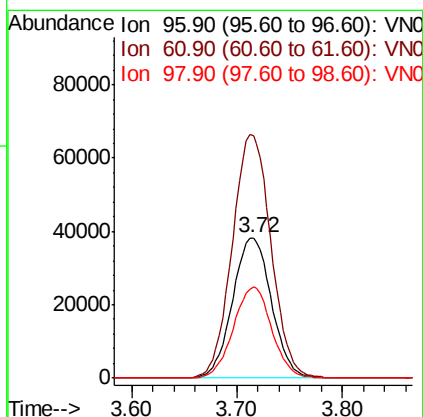
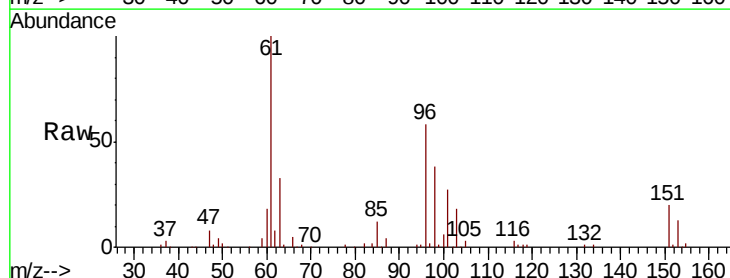
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 90743
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.815 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 96 Resp: 98099
Ion Ratio Lower Upper
96 100
61 172.4 139.2 208.8
98 64.7 50.0 75.0





#13

Acrolein

Concen: 231.208 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

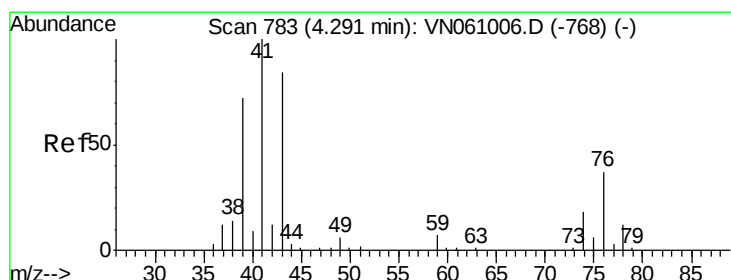
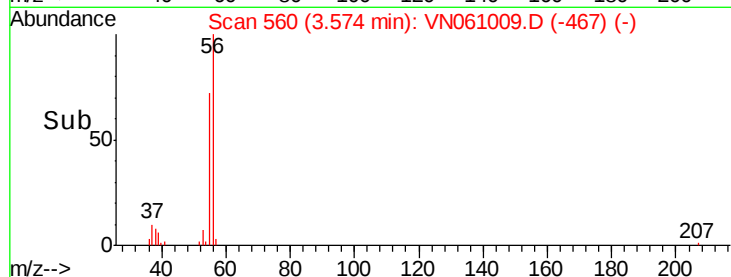
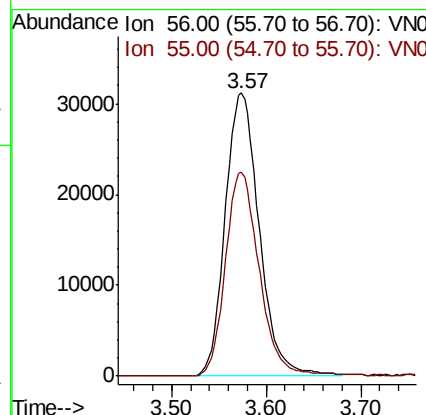
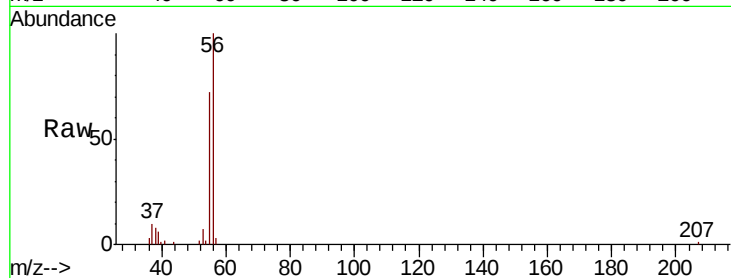
ClientSampleId :

Tot Ion: 56 Resp: 78179

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.6



#14

Allyl chloride

Concen: 49.261 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

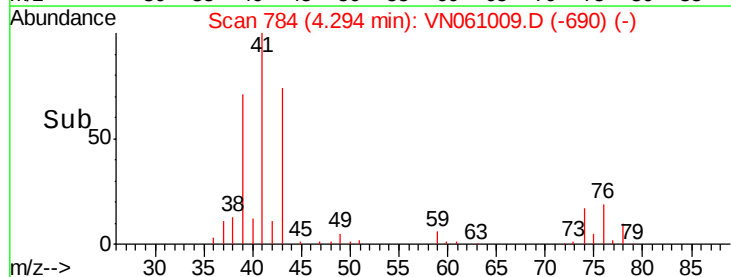
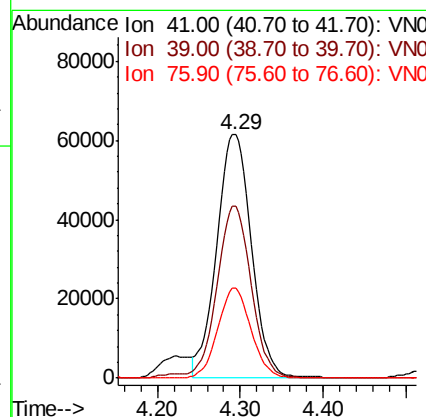
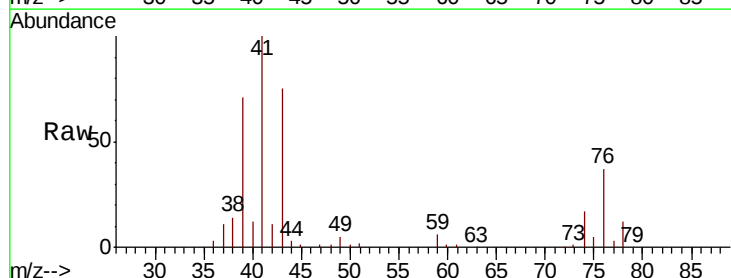
Tgt Ion: 41 Resp: 179937

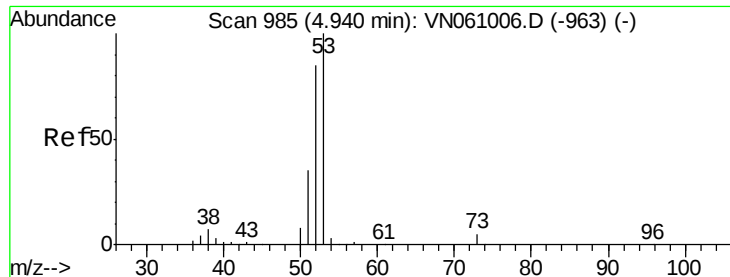
Ion Ratio Lower Upper

41 100

39 68.5 56.3 84.5

76 35.2 27.7 41.5





#15

Acrylonitrile

Concen: 255.101 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

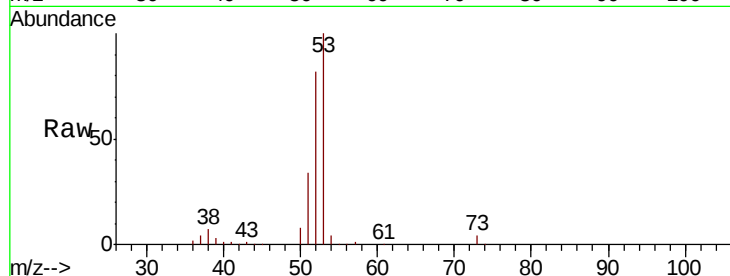
Tot Ion: 53 Resp: 276993

Ion Ratio Lower Upper

53 100

52 81.8 66.8 100.2

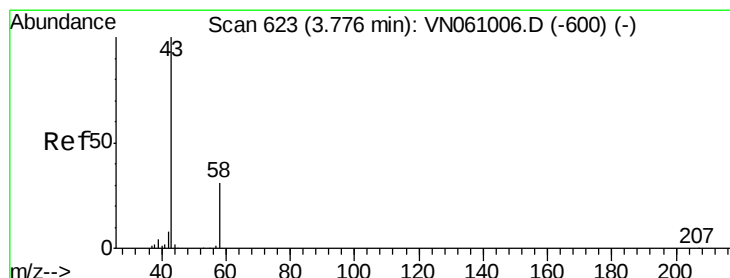
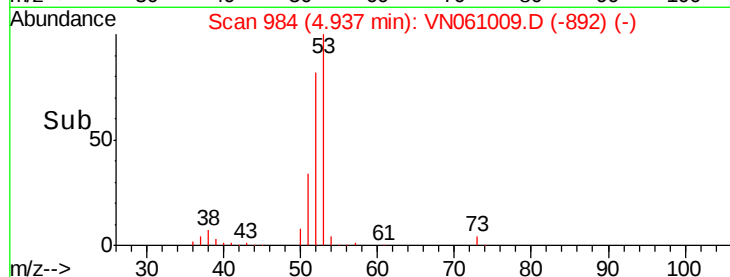
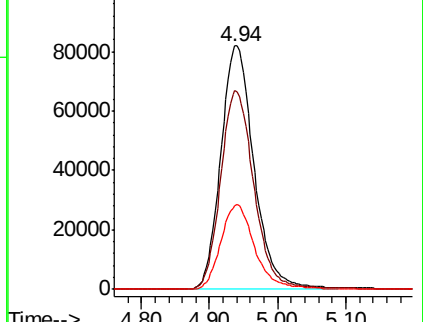
51 35.5 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061006.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061006.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061006.D (-963) (-)



#16

Acetone

Concen: 259.961 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN061009.D

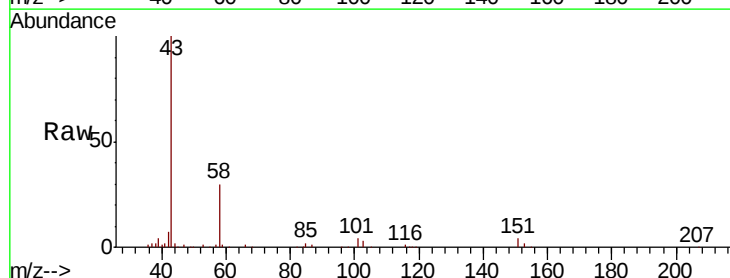
Acq: 16 Apr 2020 14:00

Tgt Ion: 43 Resp: 258261

Ion Ratio Lower Upper

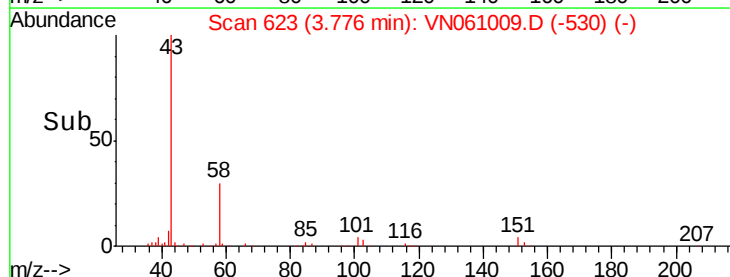
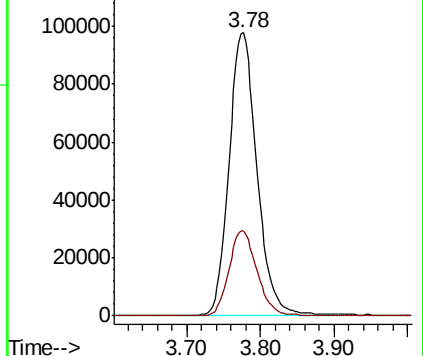
43 100

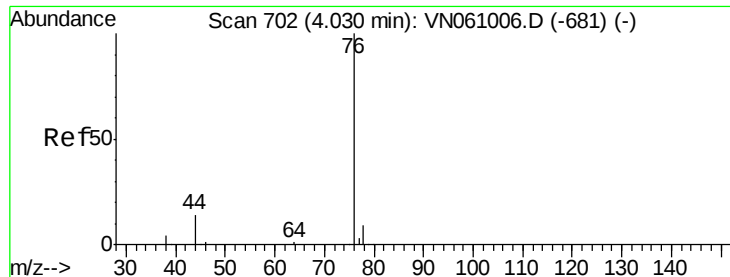
58 30.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

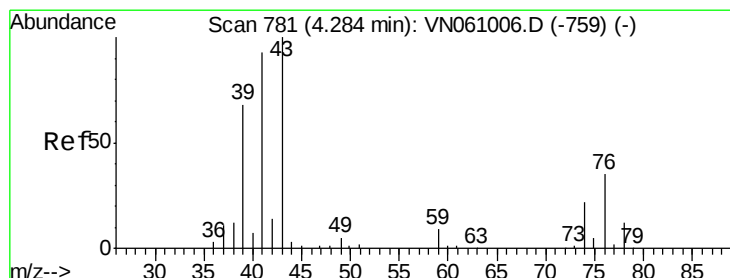
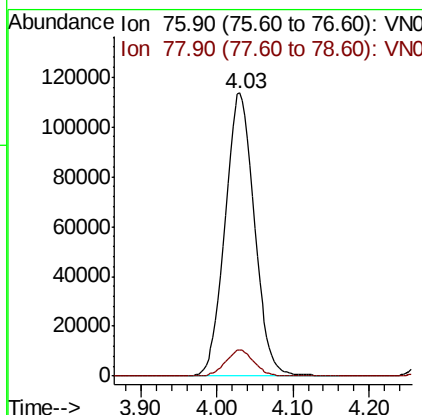
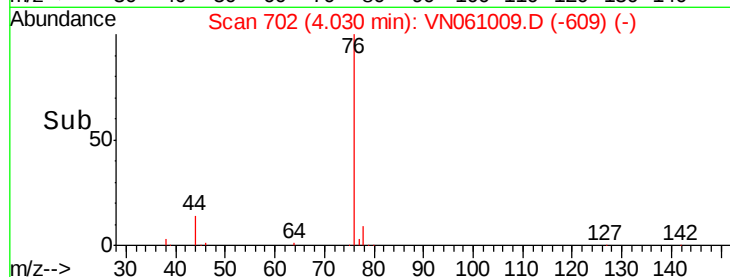
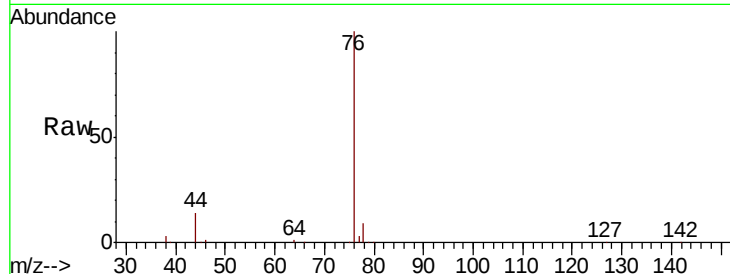




#17
Carbon Disulfide
Concen: 50.624 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

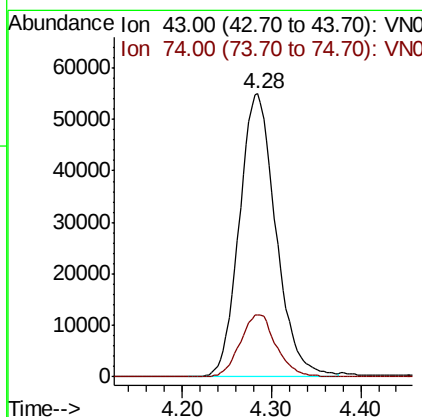
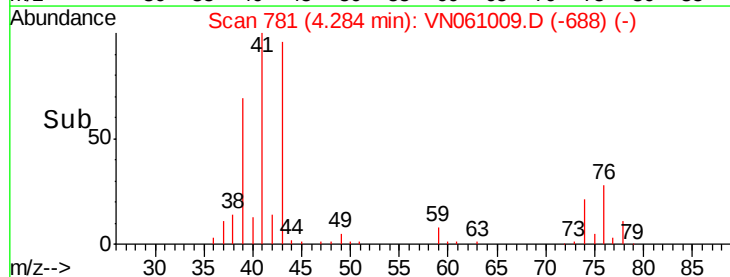
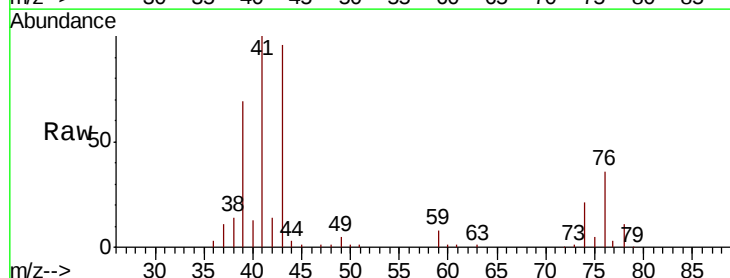
Instrument :
MSVOA_N
ClientSampleId :

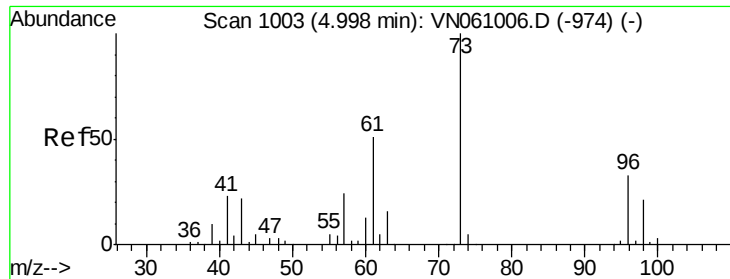
Tot Ion: 76 Resp: 305817
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 50.375 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 43 Resp: 156931
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

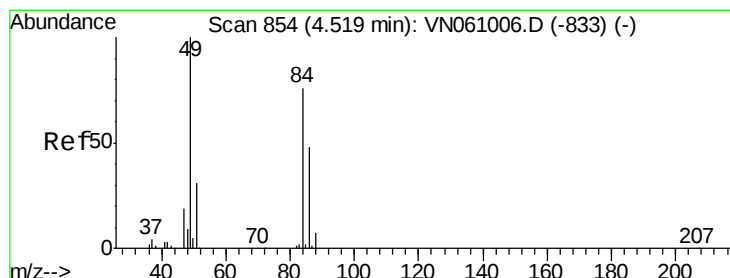
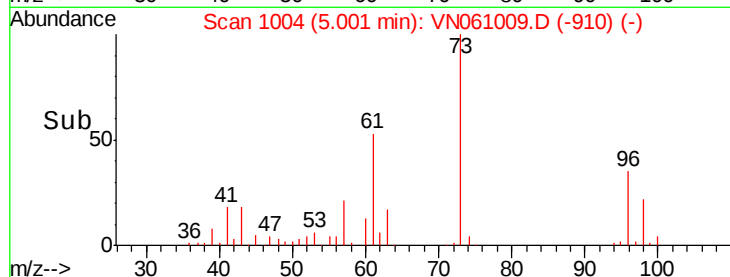
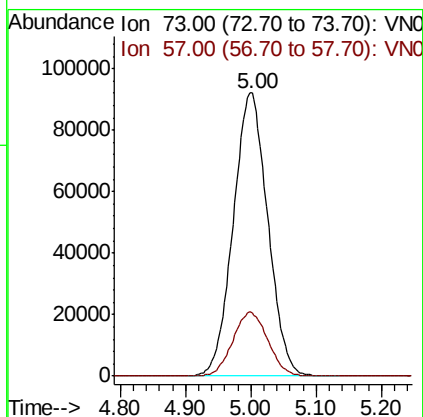
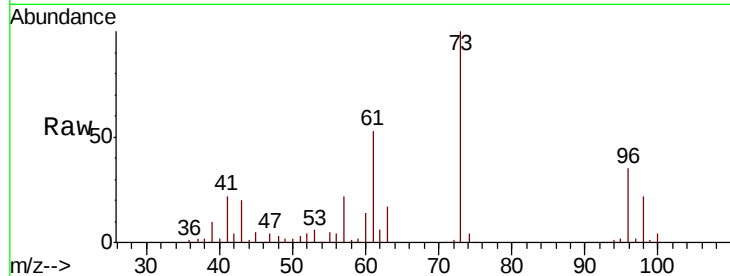




#19
Methvl tert-butvl Ether
Concen: 50.261 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

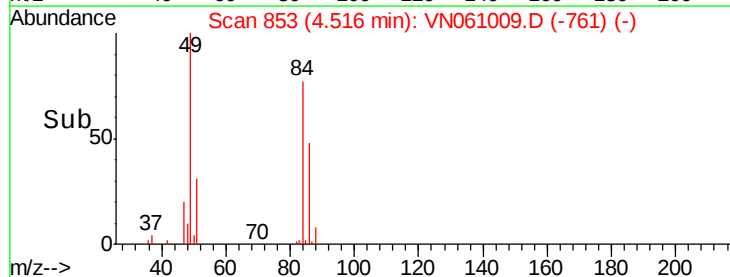
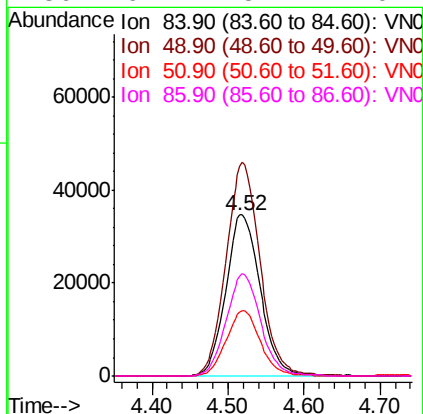
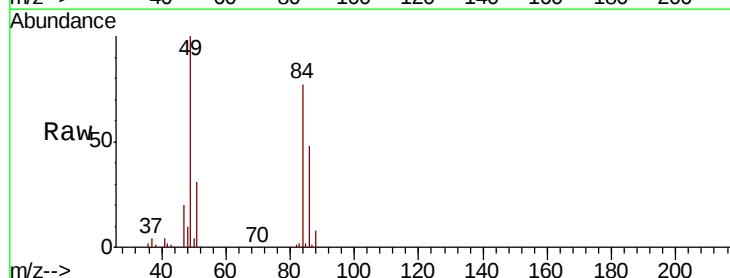
Instrument :
MSVOA_N
ClientSampleId :

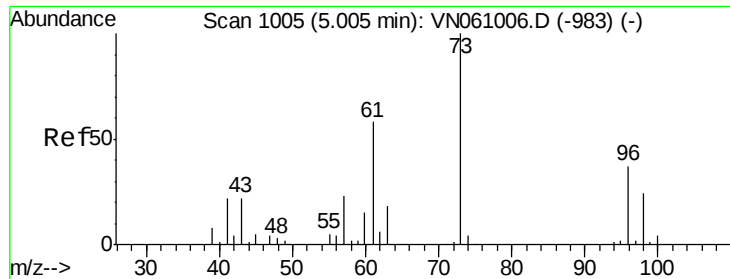
Tot Ion: 73 Resp: 338326
Ion Ratio Lower Upper
73 100
57 22.3 19.0 28.4



#20
Methylene Chloride
Concen: 50.482 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 84 Resp: 109499
Ion Ratio Lower Upper
84 100
49 130.2 105.8 158.6
51 40.0 32.4 48.6
86 62.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.238 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

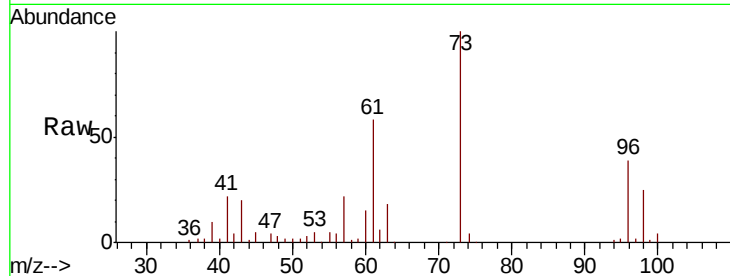
Tot Ion: 96 Resp: 105798

Ion Ratio Lower Upper

96 100

61 151.0 124.8 187.2

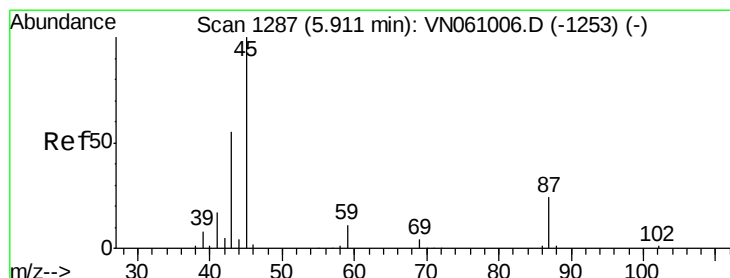
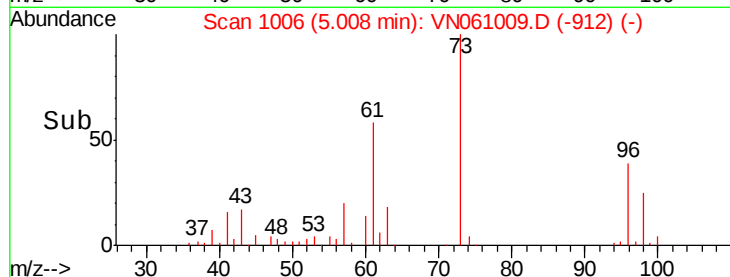
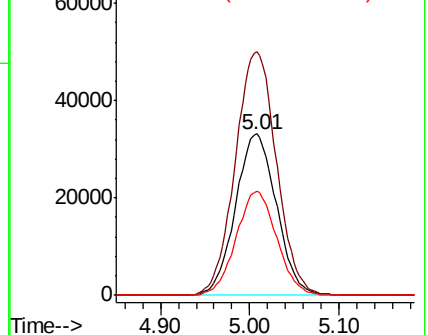
98 64.5 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN061006.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-983) (-)



#22

Diisopropyl ether

Concen: 50.412 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Tgt Ion: 45 Resp: 382436

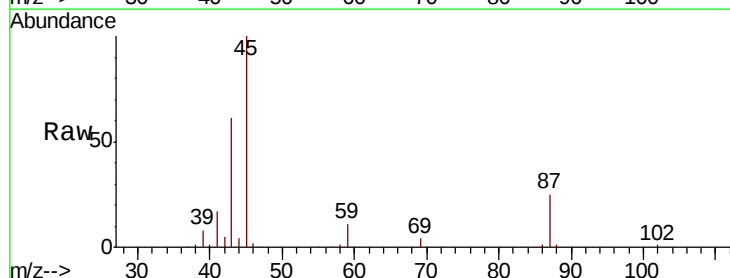
Ion Ratio Lower Upper

45 100

43 60.4 48.6 72.8

87 25.4 19.4 29.2

59 11.5 8.6 12.8

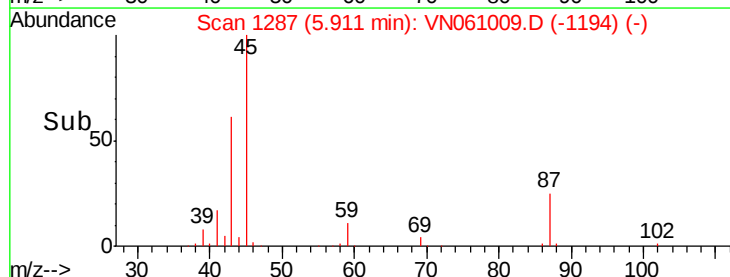
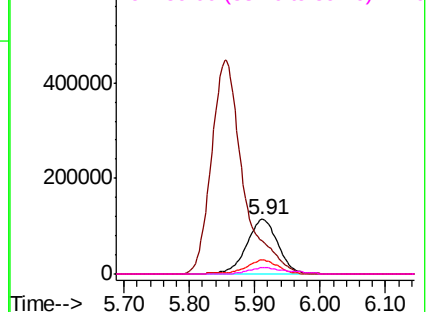


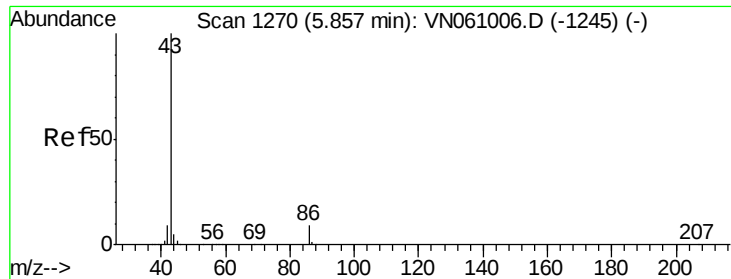
Abundance Ion 45.00 (44.70 to 45.70): VN061006.D (-1253) (-)

Ion 43.00 (42.70 to 43.70): VN061006.D (-1253) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1253) (-)

Ion 59.00 (58.70 to 59.70): VN061006.D (-1253) (-)

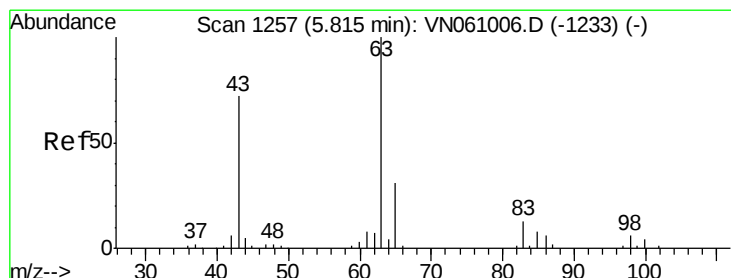
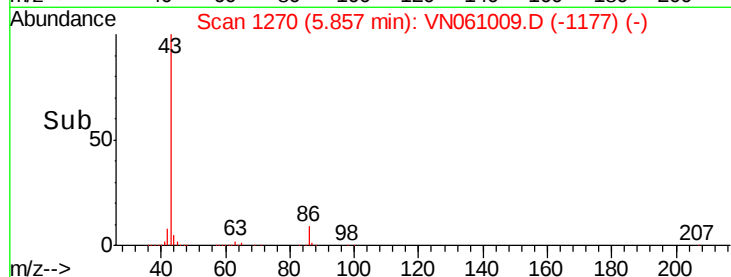
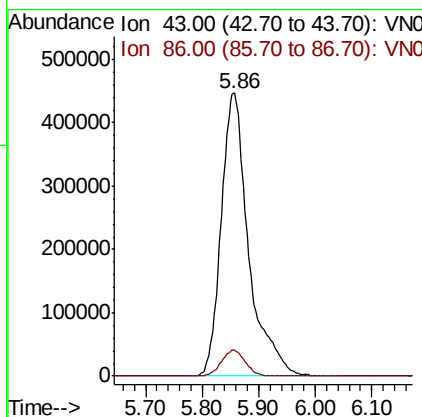
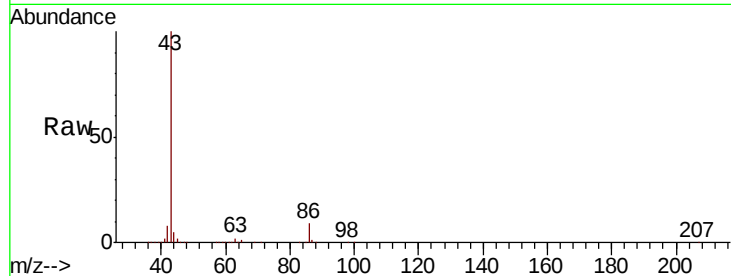




#23
 Vinyl Acetate
 Concen: 253.745 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

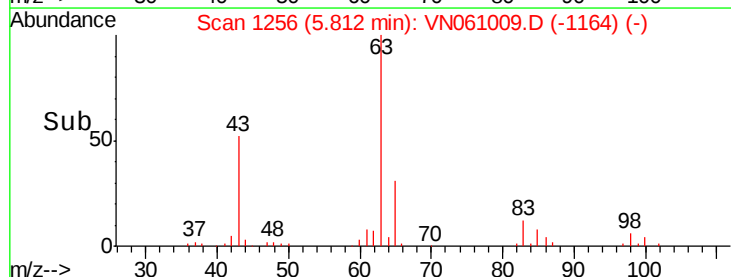
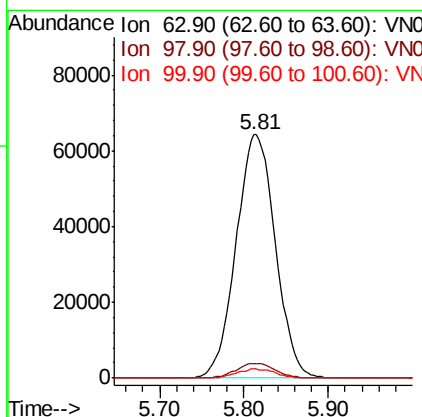
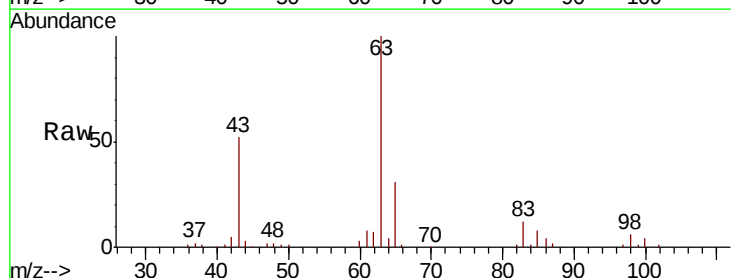
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 1509511
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.652 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 63 Resp: 207538
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 250.263 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

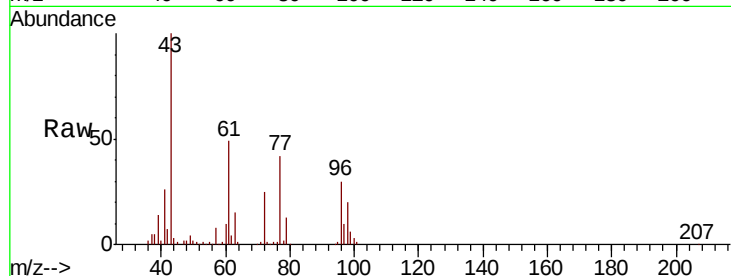
ClientSampled :

Tot Ion: 43 Resp: 380987

Ion Ratio Lower Upper

43 100

72 24.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1539) (-)

6.79

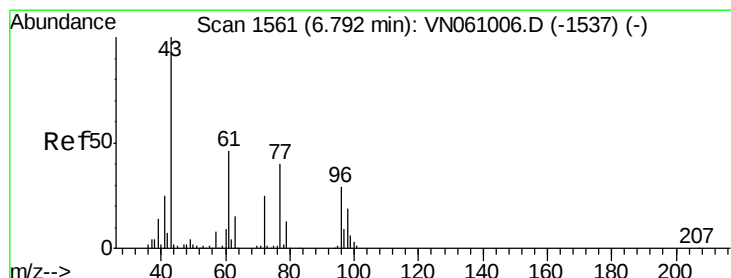
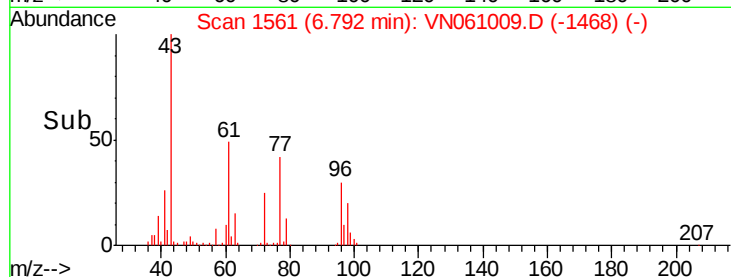
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.869 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061009.D

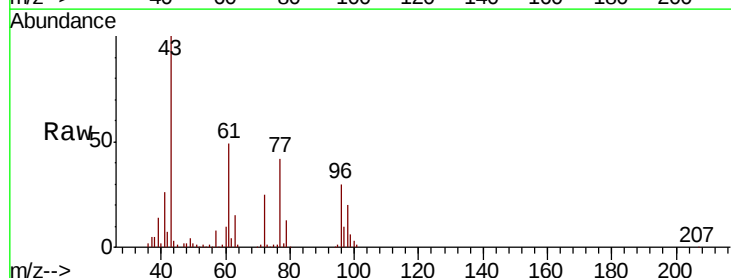
Acq: 16 Apr 2020 14:00

Tgt Ion: 77 Resp: 176954

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN061006.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN061006.D (-1537) (-)

6.79

60000

50000

40000

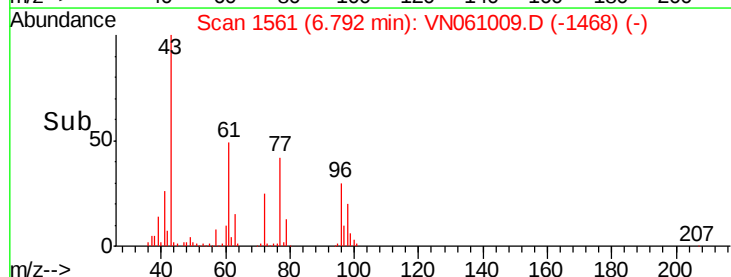
30000

20000

10000

0

Time-->

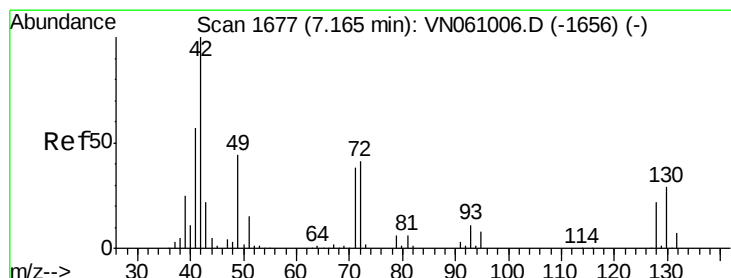
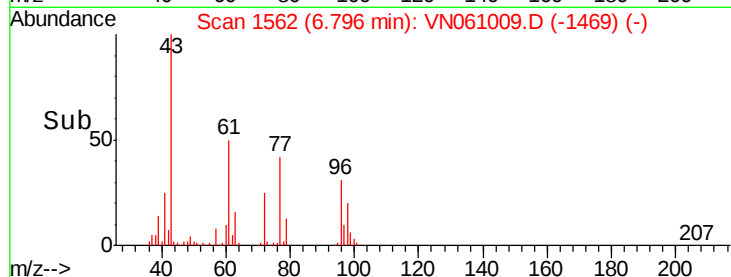
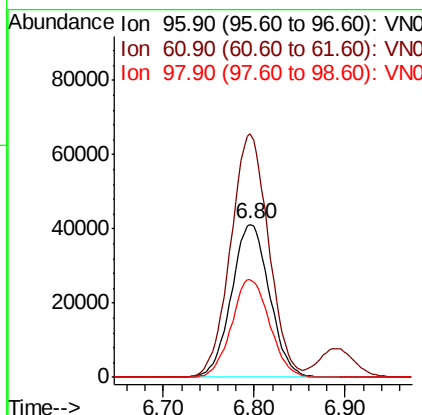
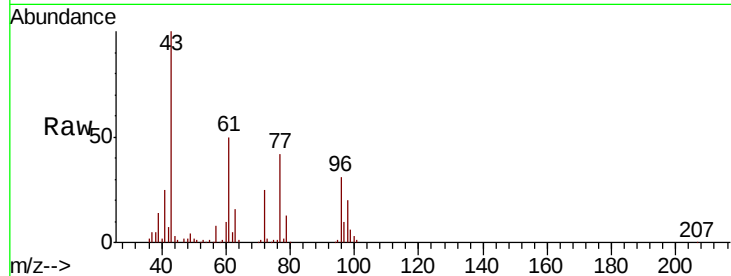




#27
 cis-1,2-Dichloroethene
 Concen: 50.507 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

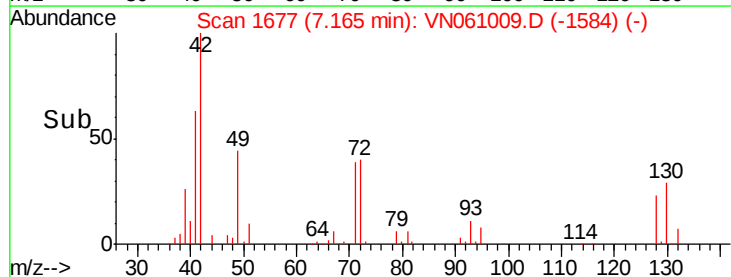
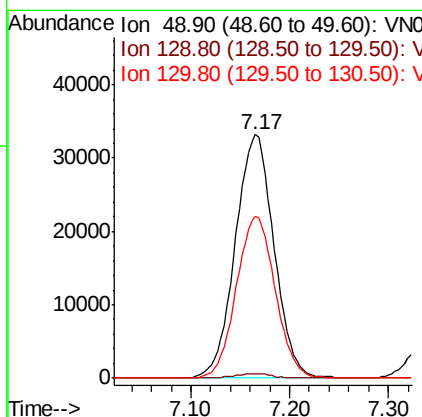
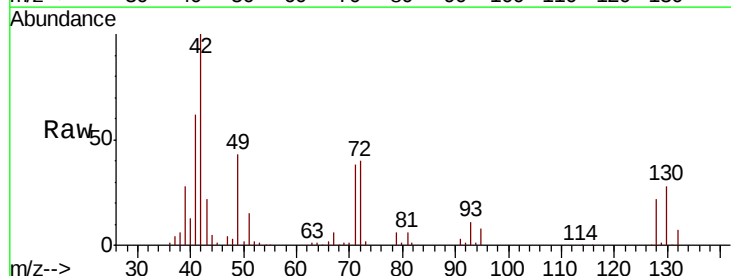
Instrument :
 MSVOA_N
 ClientSampleId :

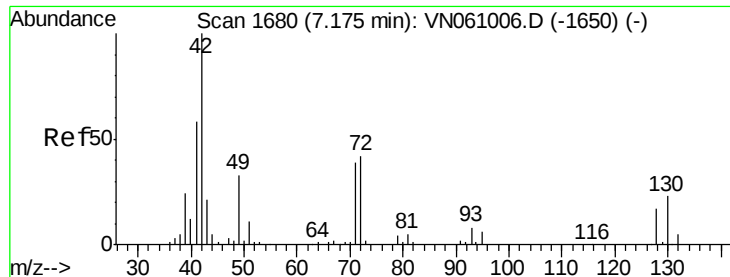
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	317.4
98	64.2	0.0	127.8



#28
 Bromochloromethane
 Concen: 48.016 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	66.4	52.9	79.3

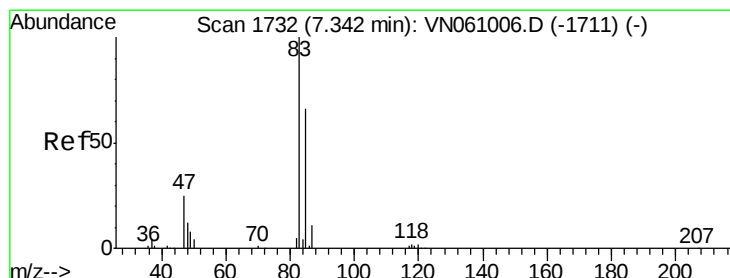
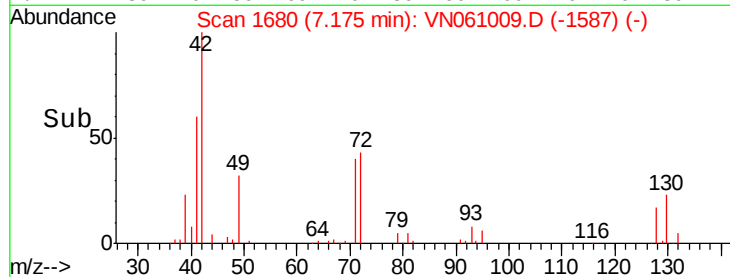
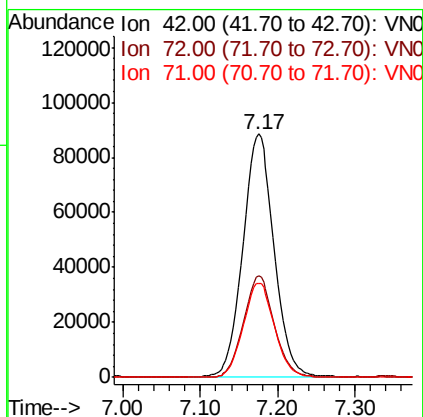
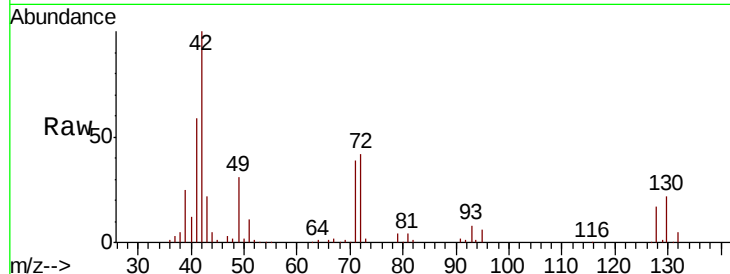




#29
Tetrahydrofuran
Concen: 241.458 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

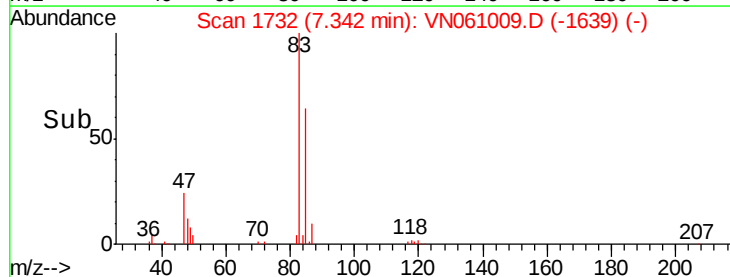
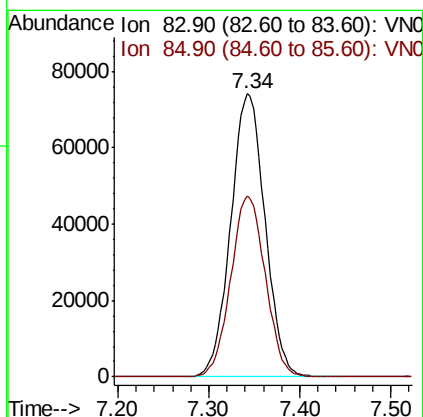
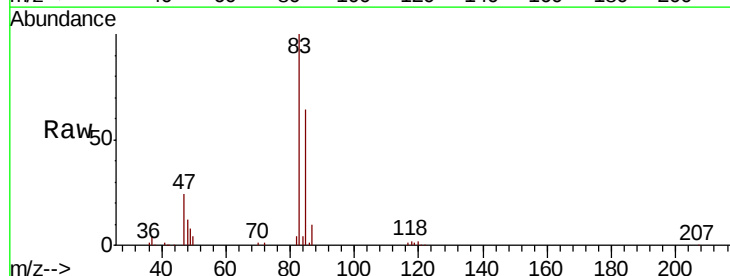
Instrument :
MSVOA_N
ClientSampled :

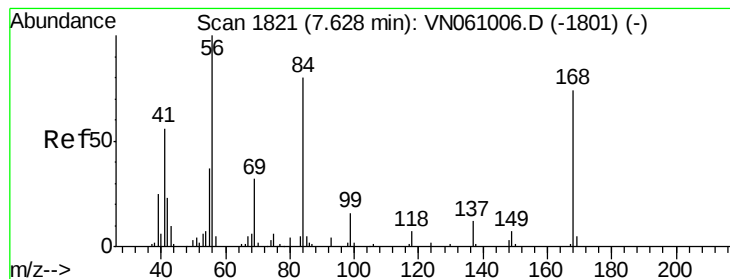
Tot Ion: 42 Resp: 249548
Ion Ratio Lower Upper
42 100
72 40.9 32.1 48.1
71 38.6 30.5 45.7



#30
Chloroform
Concen: 50.791 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 83 Resp: 194107
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2





#31

Cyclohexane

Concen: 48.642 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampled :

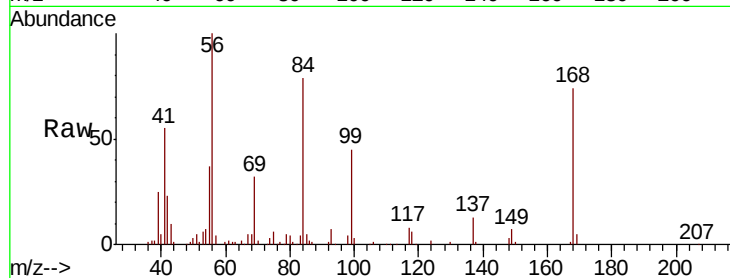
Tot Ion: 56 Resp: 204512

Ion Ratio Lower Upper

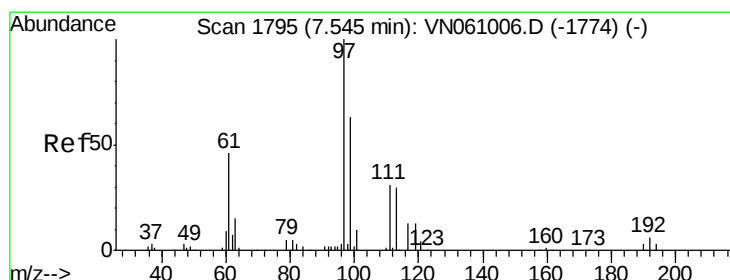
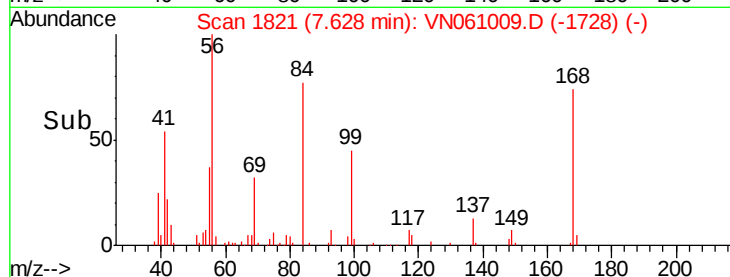
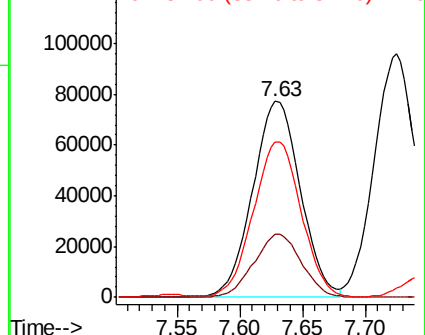
56 100

69 32.2 25.6 38.4

84 78.6 63.4 95.2



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: 50.529 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

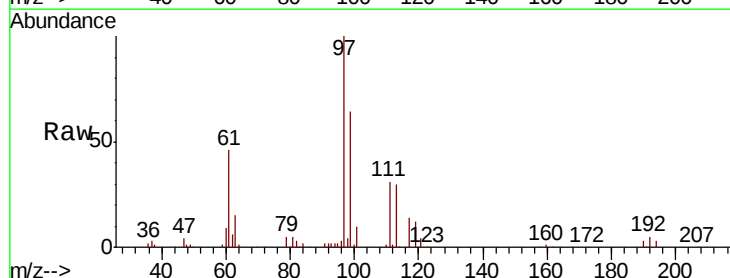
Tgt Ion: 97 Resp: 167030

Ion Ratio Lower Upper

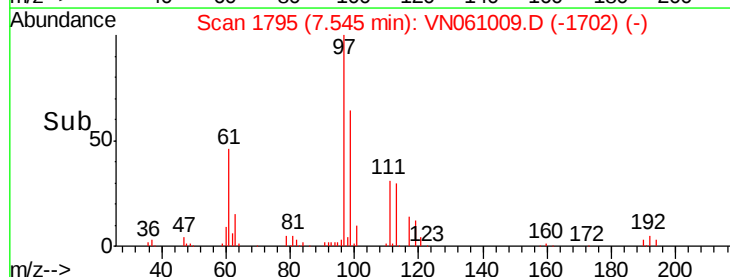
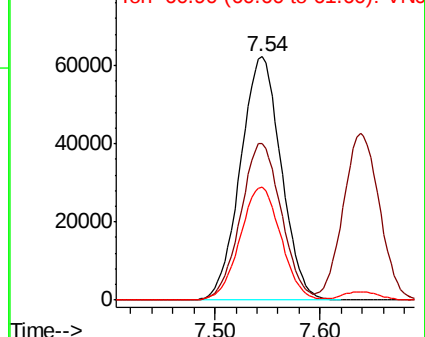
97 100

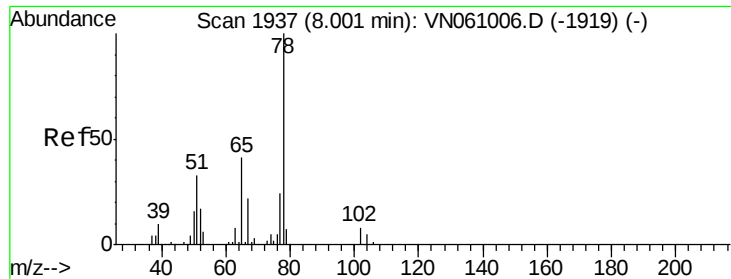
99 64.4 51.0 76.4

61 46.5 37.0 55.6



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

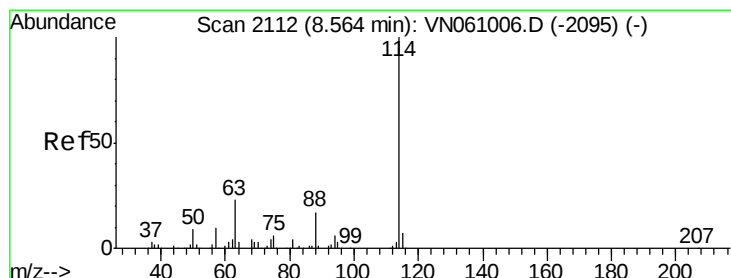
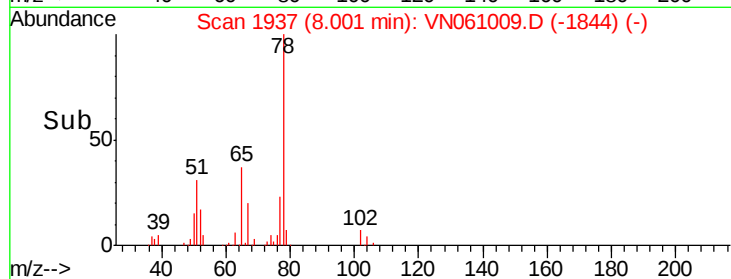
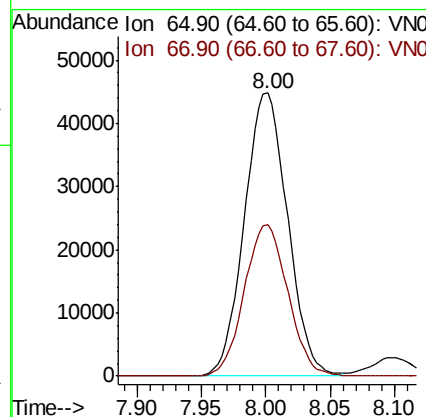
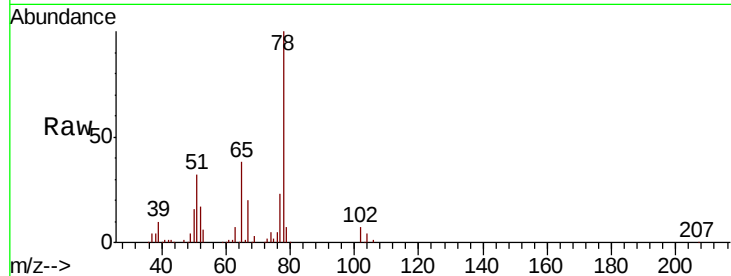




#33
 1,2-Dichloroethane-d4
 Concen: 46.441 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

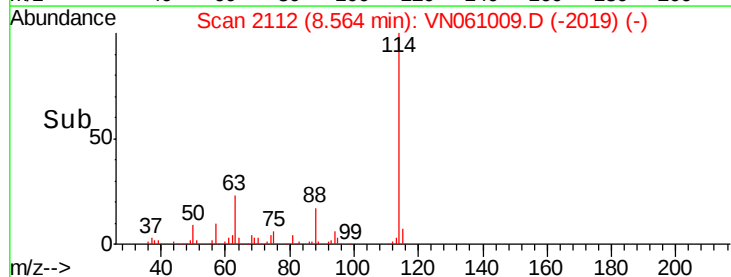
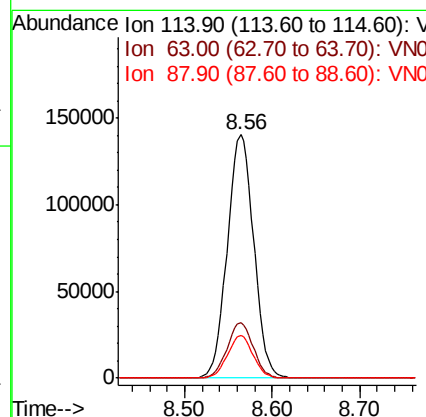
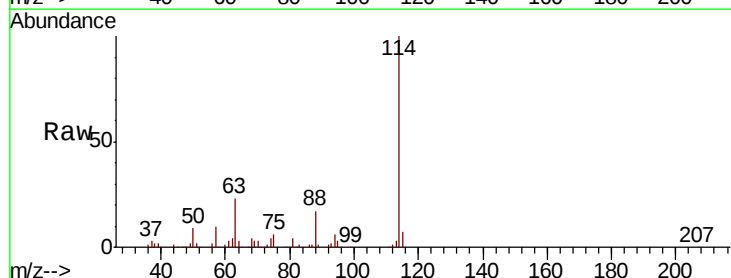
Instrument :
 MSVOA_N
 ClientSampleId :

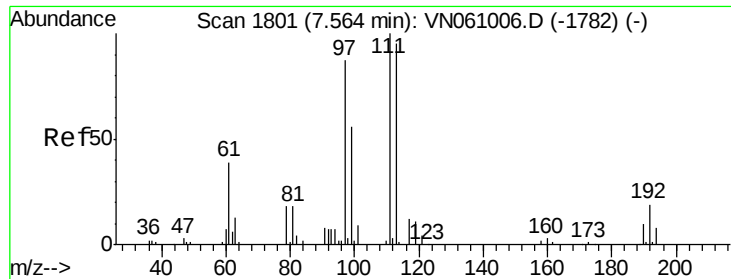
Tot Ion: 65 Resp: 104822
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 114 Resp: 294465
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.2
 88 17.5 0.0 33.4

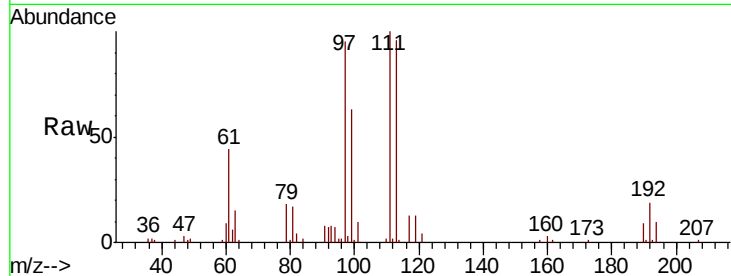




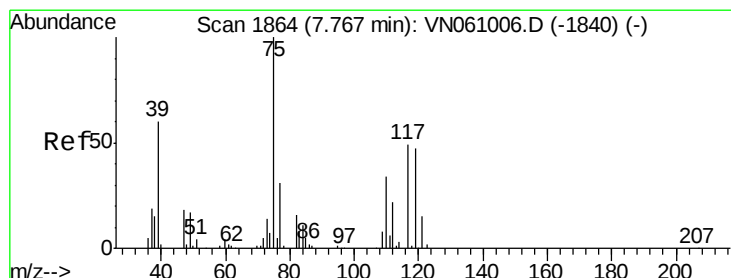
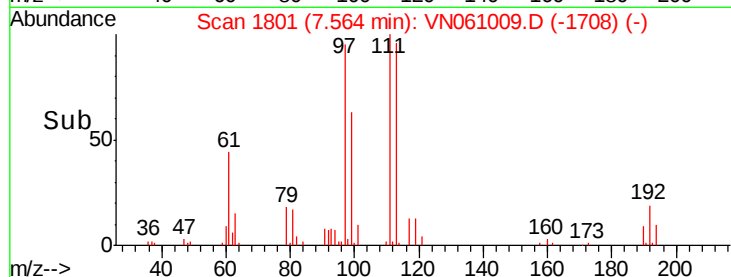
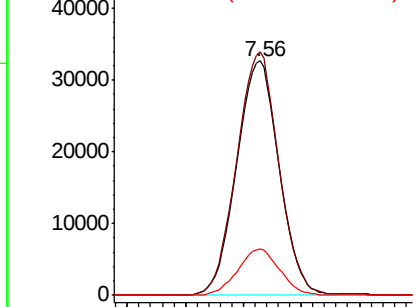
#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 83160
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 19.5 15.5 23.3

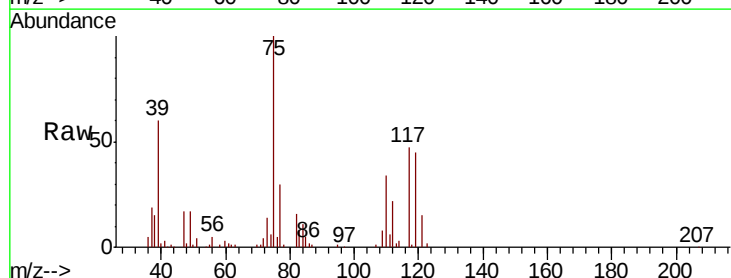


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

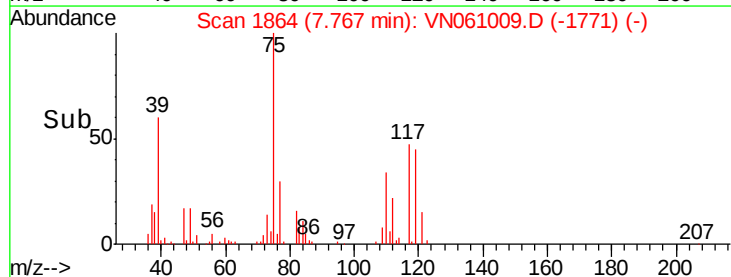
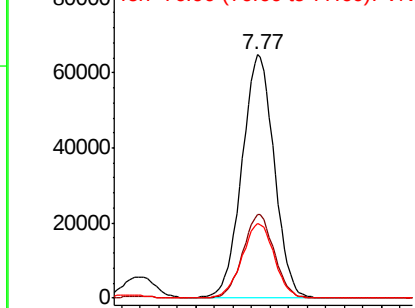


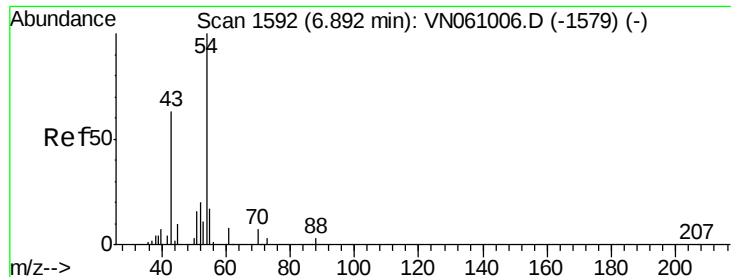
#36
 1,1-Dichloropropene
 Concen: 51.445 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 75 Resp: 156321
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.3
 77 30.7 24.7 37.1



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

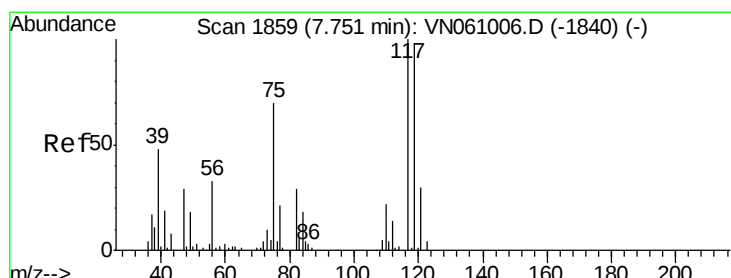
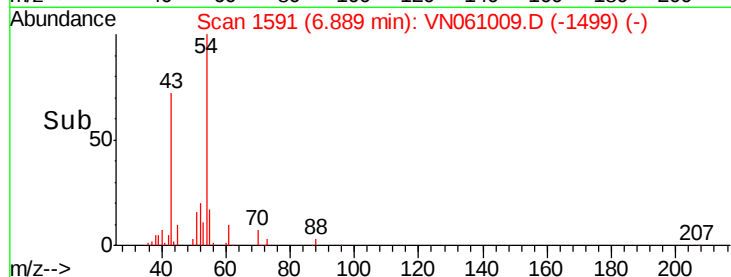
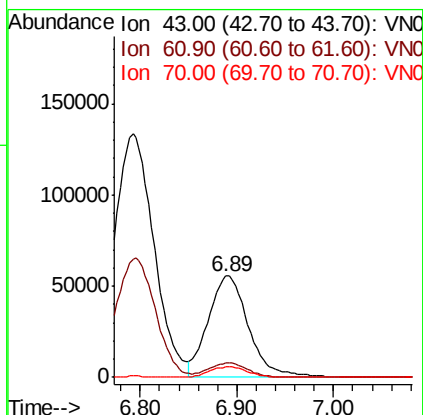
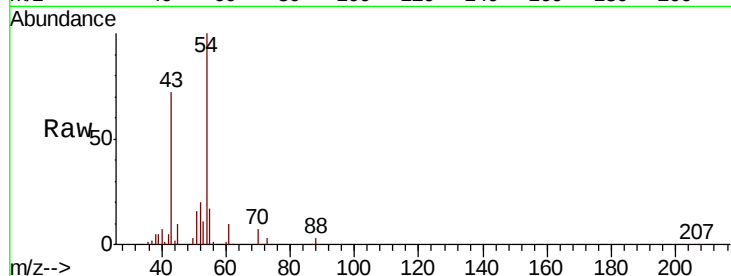




#37
Ethyl Acetate
Concen: 48.094 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

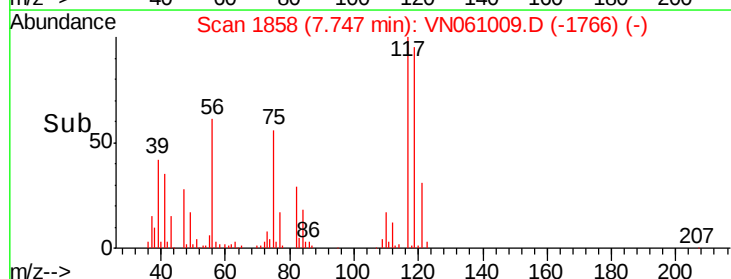
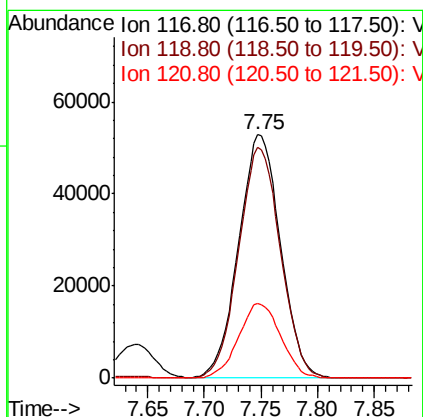
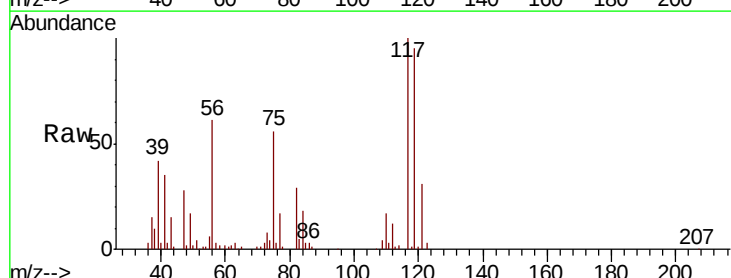
Instrument :
MSVOA_N
ClientSampleId :

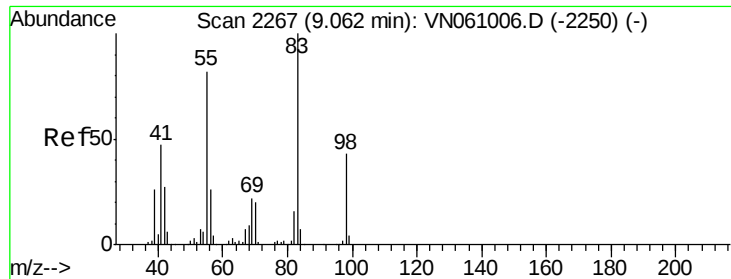
Tot Ion: 43 Resp: 158684
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 53.647 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 117 Resp: 135688
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1
121 30.7 24.0 36.0

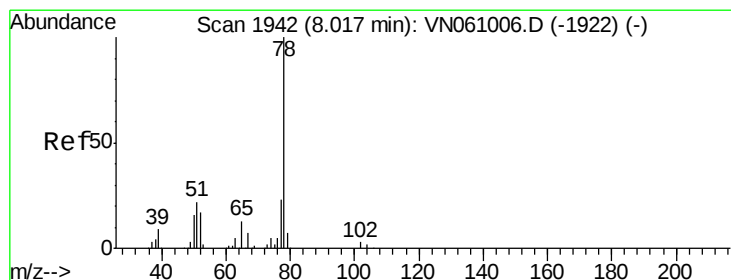
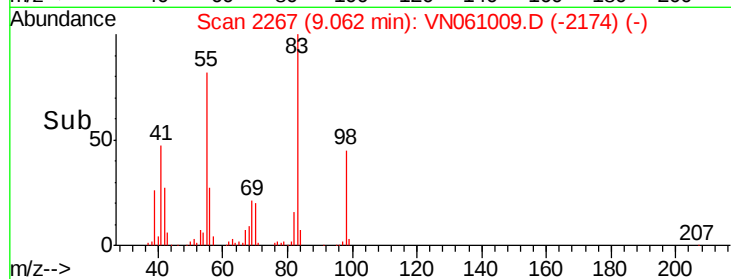
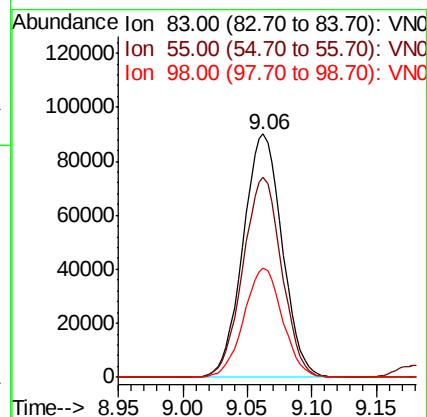
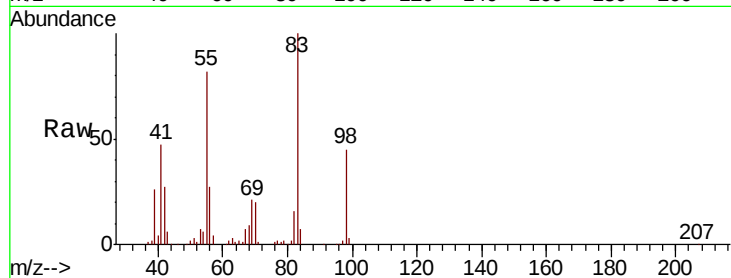




#39
Methvlcvclohexane
Concen: 52.468 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

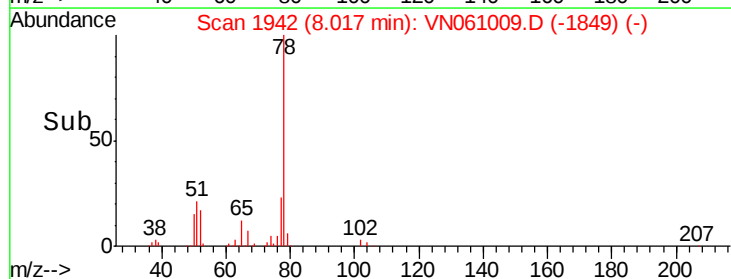
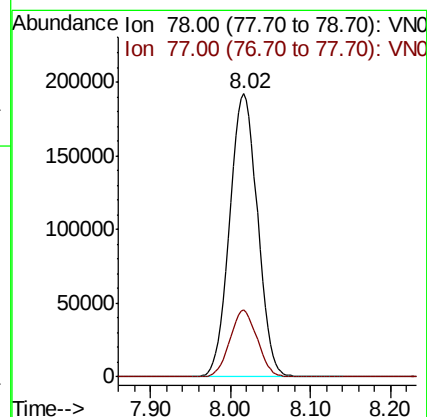
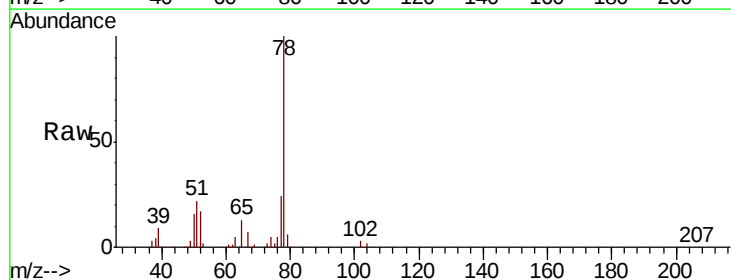
Instrument :
MSVOA_N
ClientSampleId :

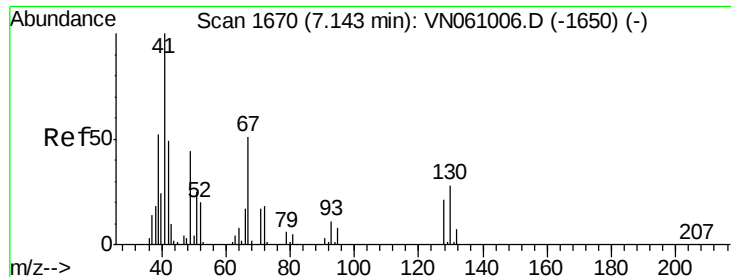
Tot Ion: 83 Resp: 190606
Ion Ratio Lower Upper
83 100
55 82.4 65.4 98.0
98 44.7 34.6 51.8



#40
Benzene
Concen: 50.677 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 78 Resp: 456828
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

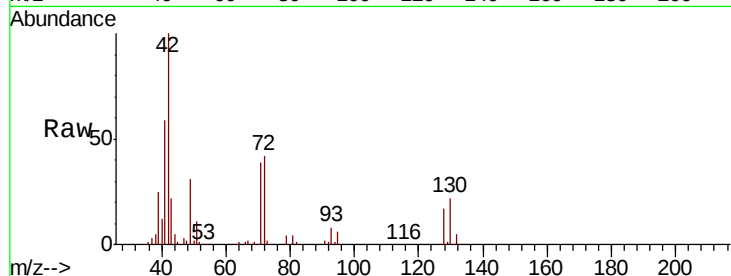




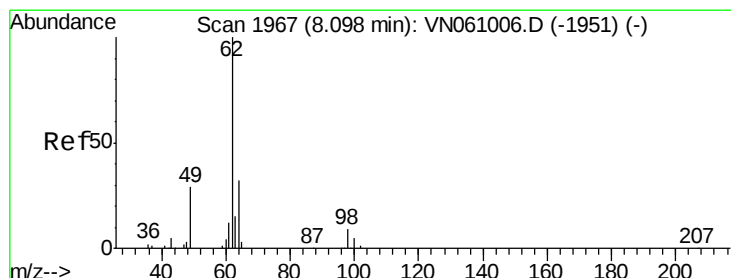
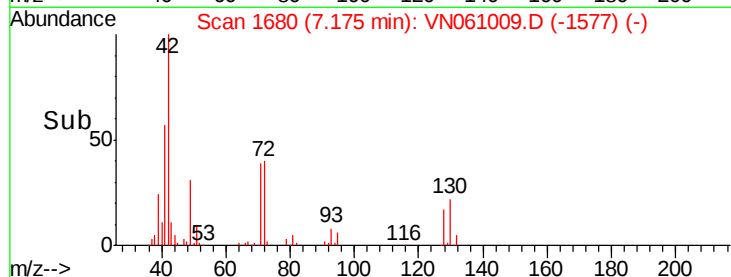
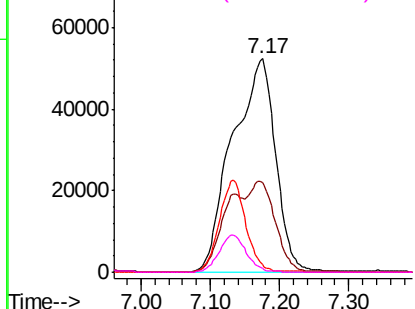
#41
Methacrylonitrile
Concen: 164.488 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	226368
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

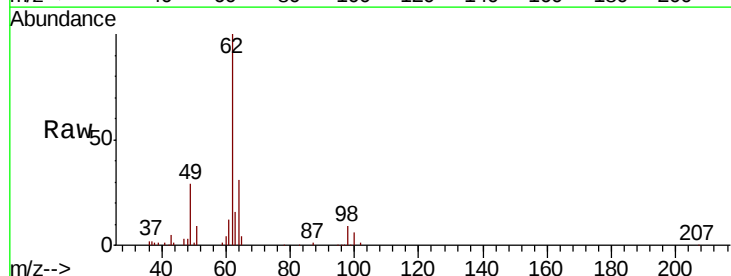


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

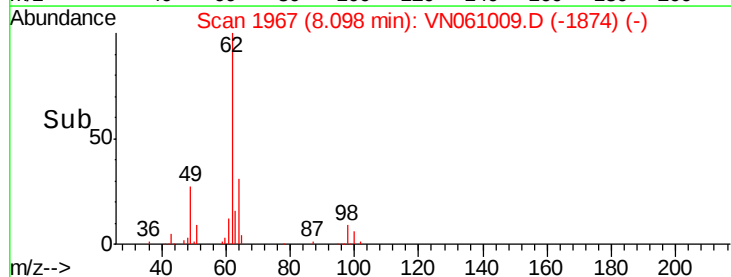
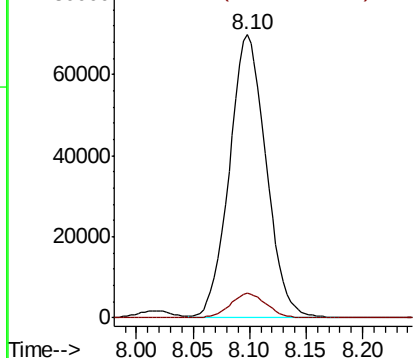


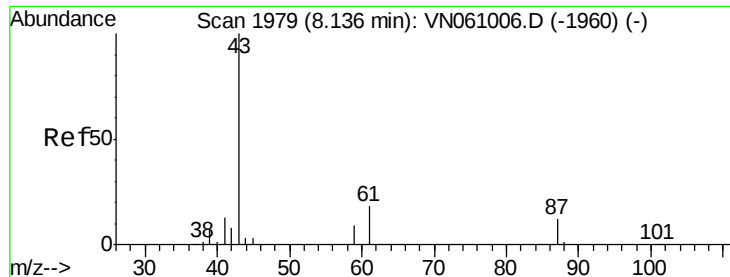
#42
1,2-Dichloroethane
Concen: 51.406 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion:	62	Resp:	157862
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 50.425 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

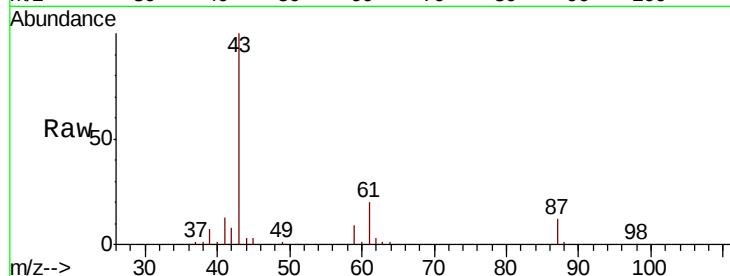
Tot Ion: 43 Resp: 270588

Ion Ratio Lower Upper

43 100

61 25.9 20.3 30.5

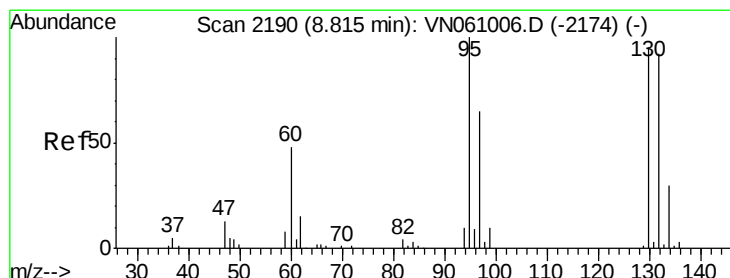
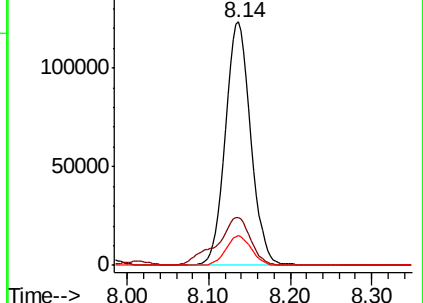
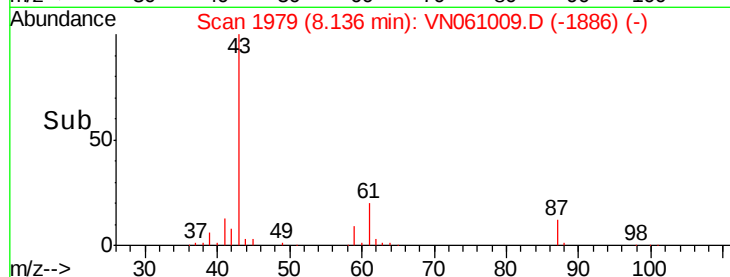
87 12.1 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061009.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061009.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061009.D (-1886) (-)



#44

Trichloroethene

Concen: 50.445 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN061009.D

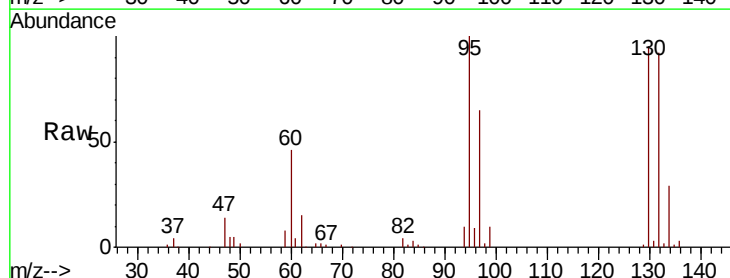
Acq: 16 Apr 2020 14:00

Tgt Ion:130 Resp: 114264

Ion Ratio Lower Upper

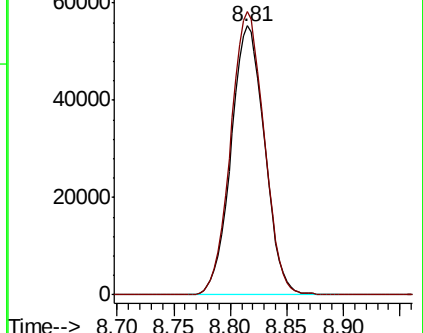
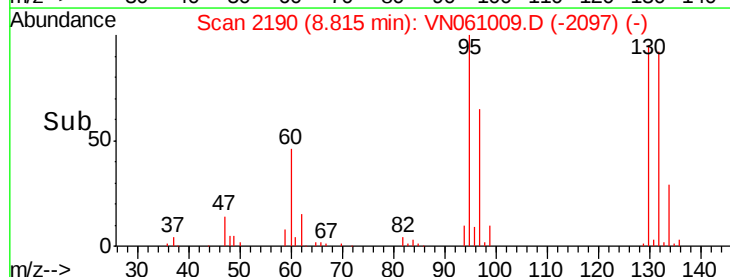
130 100

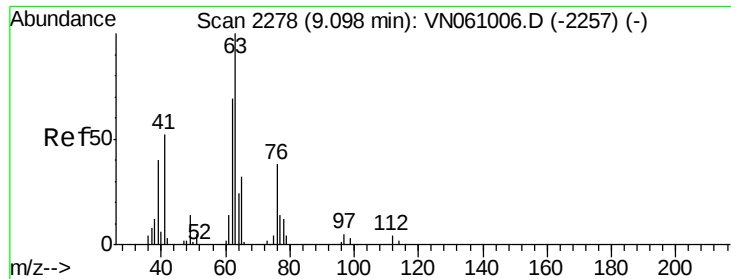
95 105.3 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061009.D (-2097) (-)

Ion 94.90 (94.60 to 95.60): VN061009.D (-2097) (-)

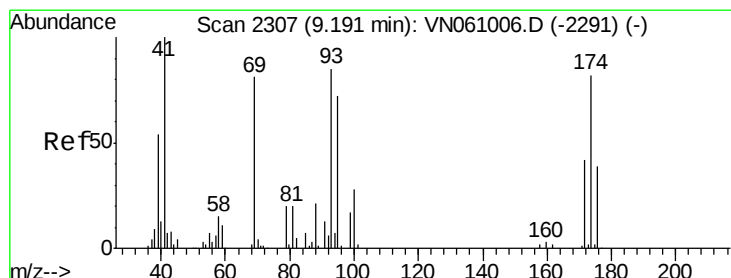
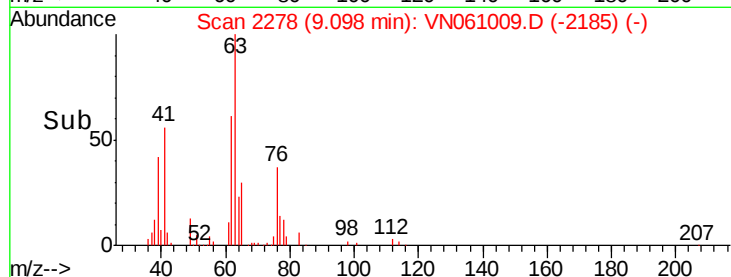
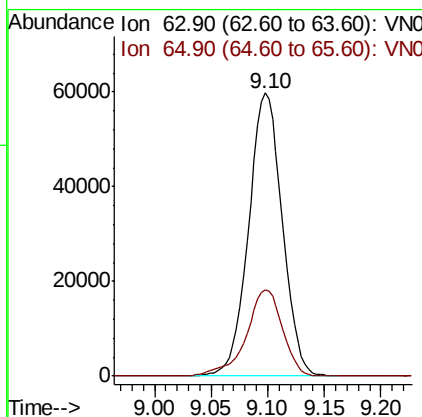
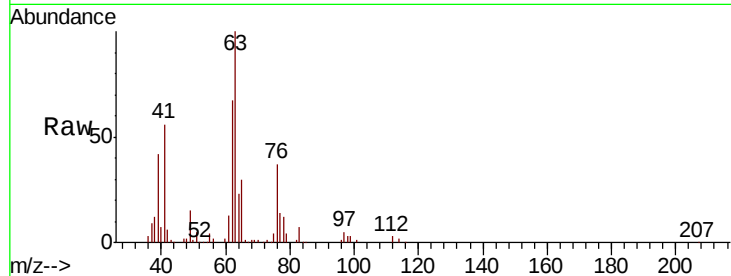




#45
 1,2-Dichloropropane
 Concen: 50.804 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

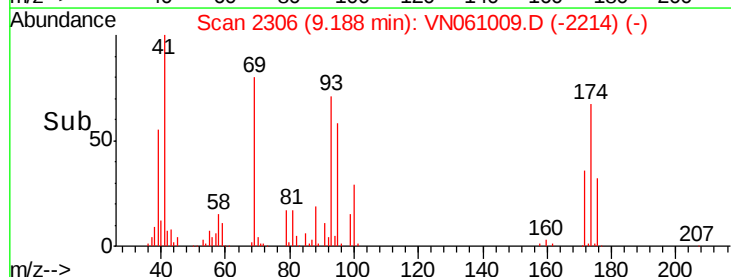
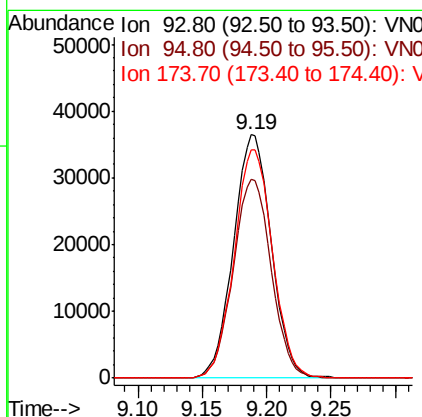
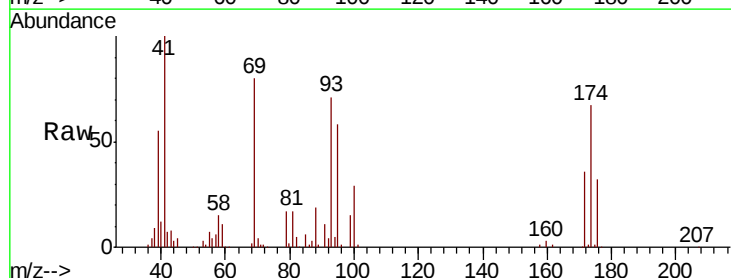
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 123699
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.2 37.8



#46
 Dibromomethane
 Concen: 53.020 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 93 Resp: 74431
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.8 100.2
 174 94.7 76.2 114.4

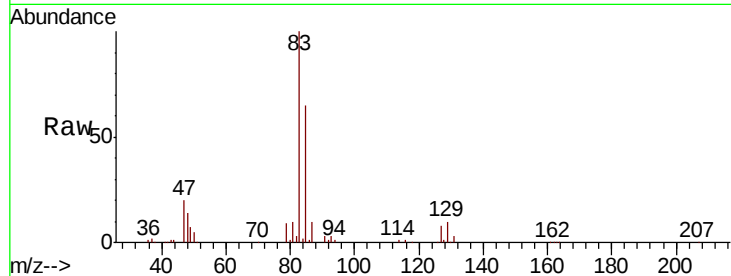




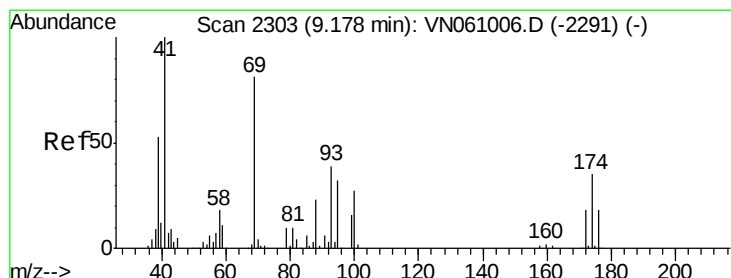
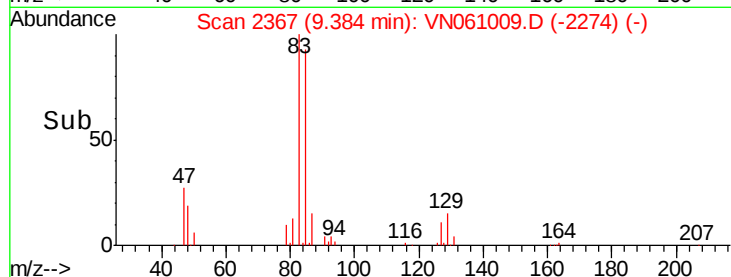
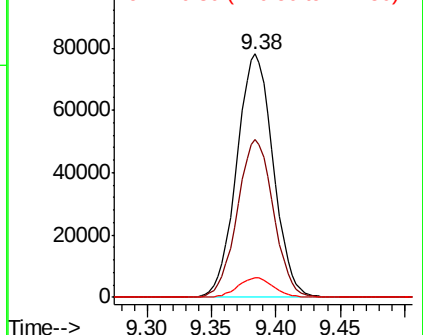
#47
Bromodichloromethane
Concen: 51.824 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 153691
Ion Ratio Lower Upper
83 100
85 64.8 50.6 76.0
127 8.0 6.1 9.1

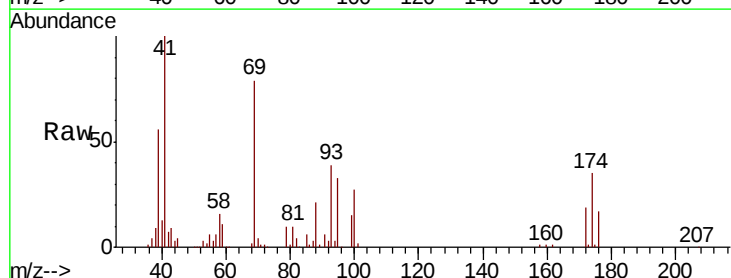


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

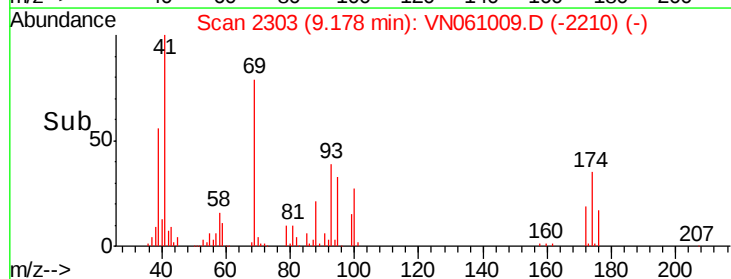
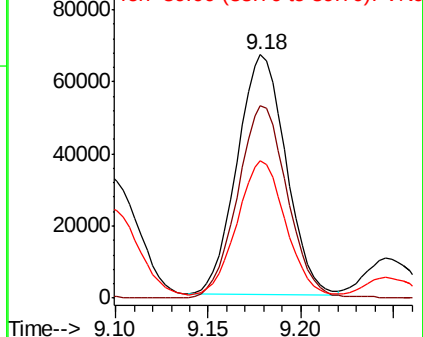


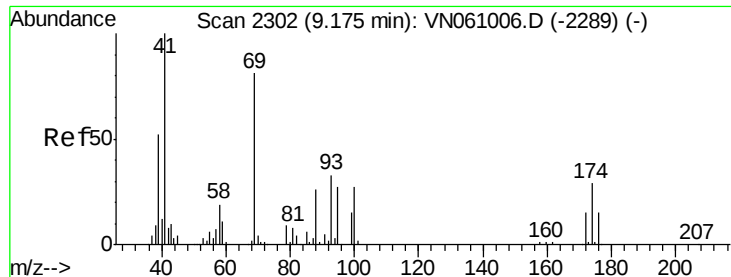
#48
Methyl methacrylate
Concen: 51.767 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 41 Resp: 122761
Ion Ratio Lower Upper
41 100
69 81.6 65.3 97.9
39 54.8 45.2 67.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

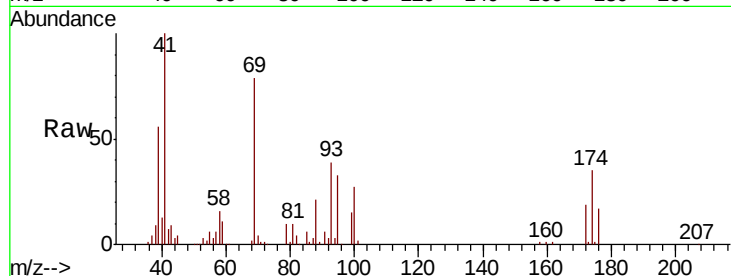




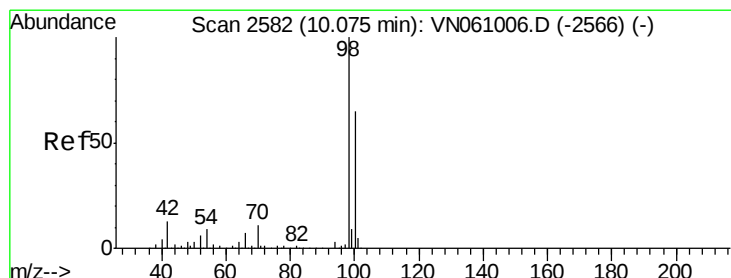
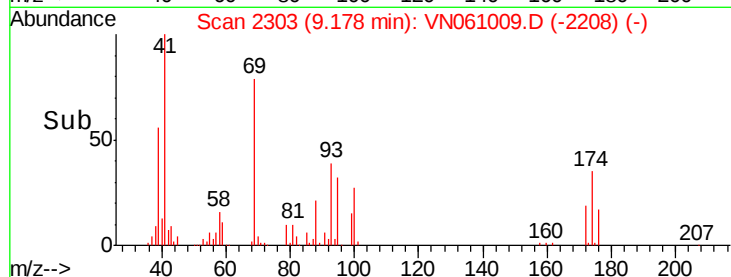
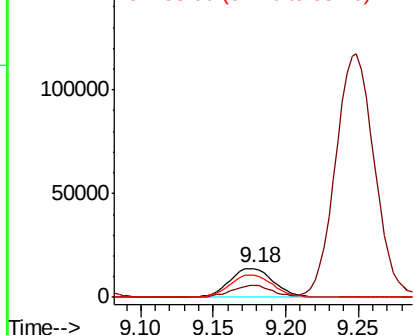
#49
1,4-Dioxane
Concen: 894.793 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 29415
Ion Ratio Lower Upper
88 100
43 39.4 30.9 46.3
58 76.2 59.8 89.8

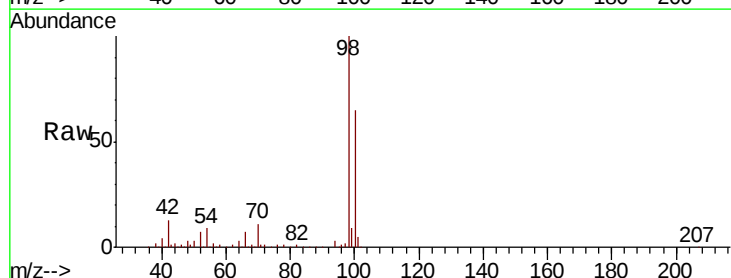


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

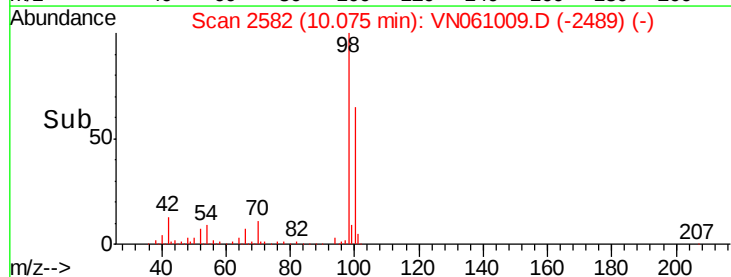
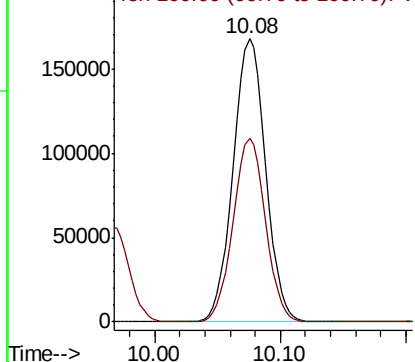


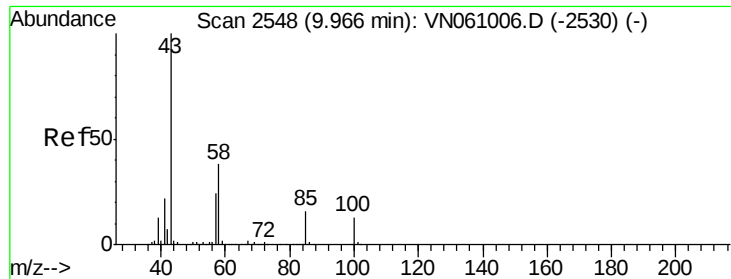
#50
Toluene-d8
Concen: 46.450 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 98 Resp: 301837
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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: 253.695 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

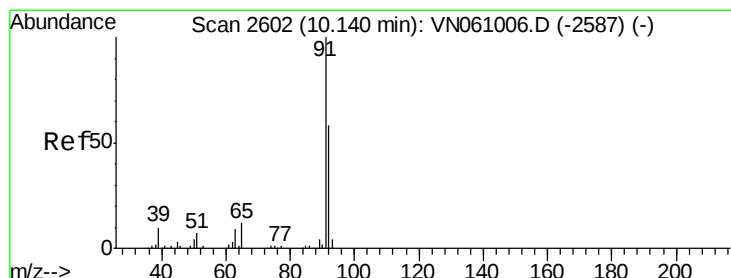
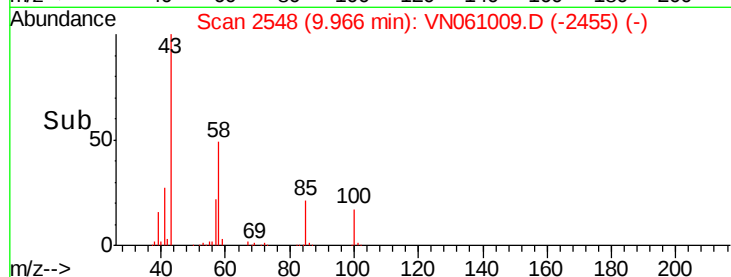
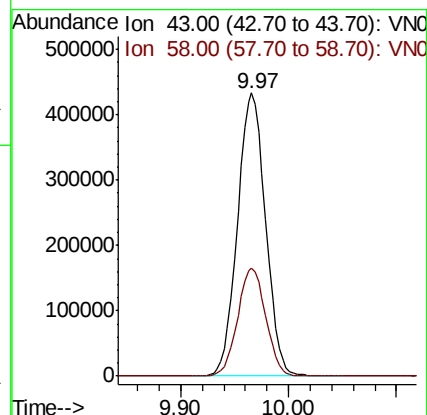
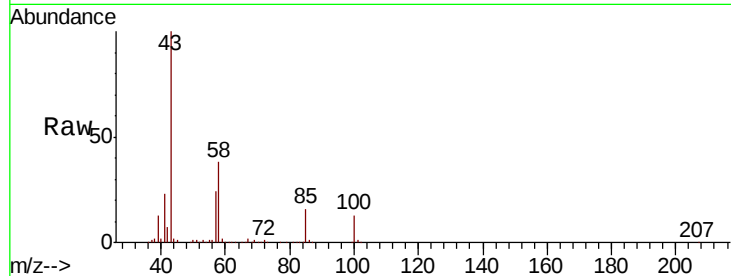
ClientSampleId :

Tot Ion: 43 Resp: 784781

Ion Ratio Lower Upper

43 100

58 38.1 30.3 45.5



#52

Toluene

Concen: 51.023 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN061009.D

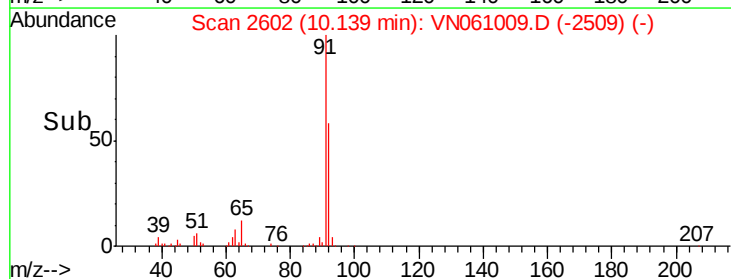
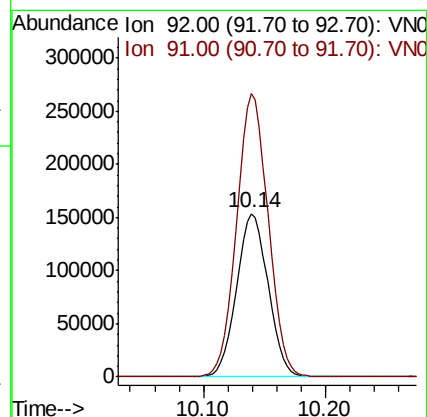
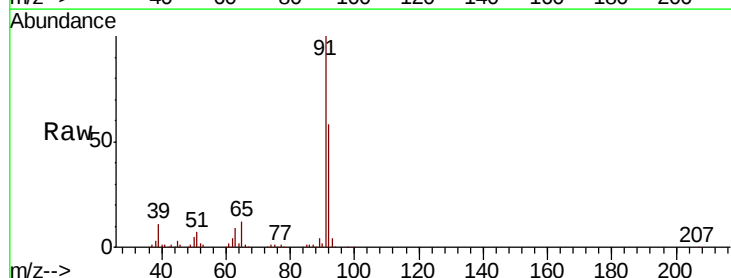
Acq: 16 Apr 2020 14:00

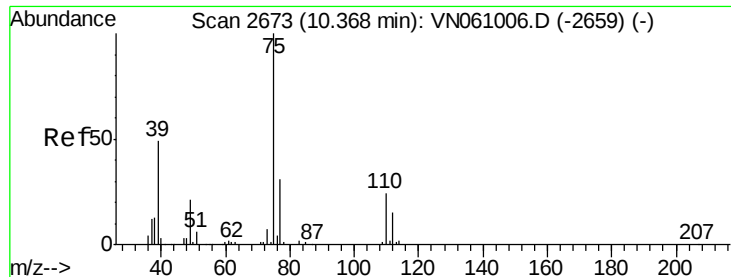
Tgt Ion: 92 Resp: 275931

Ion Ratio Lower Upper

92 100

91 173.2 137.7 206.5

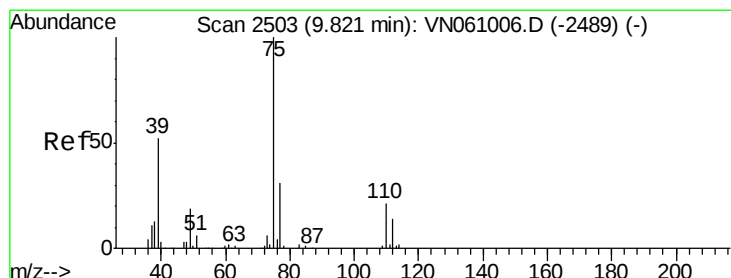
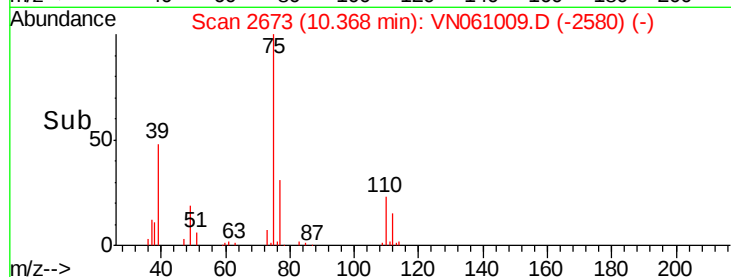
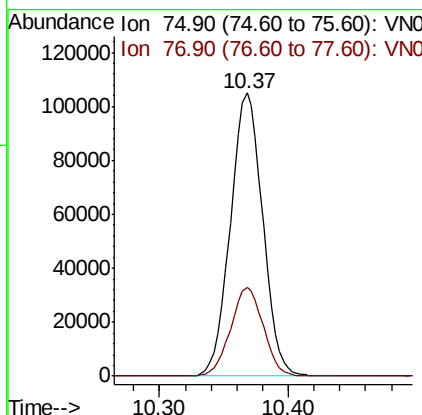
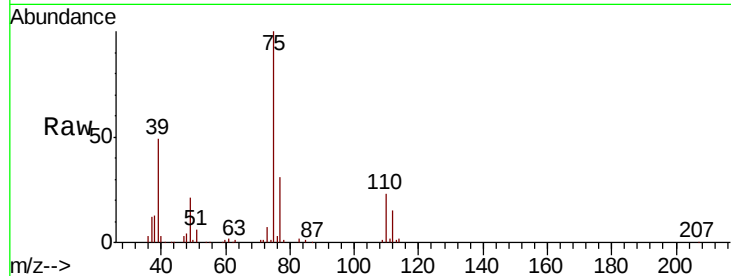




#53
t-1,3-Dichloropropene
Concen: 52.923 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

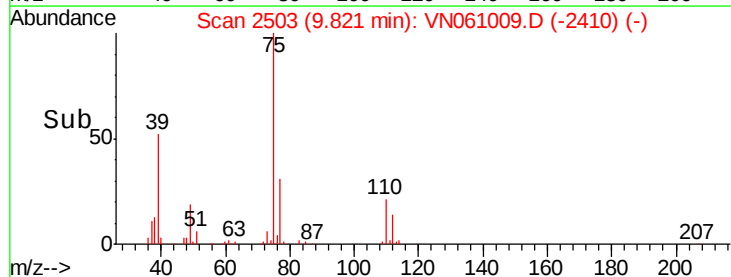
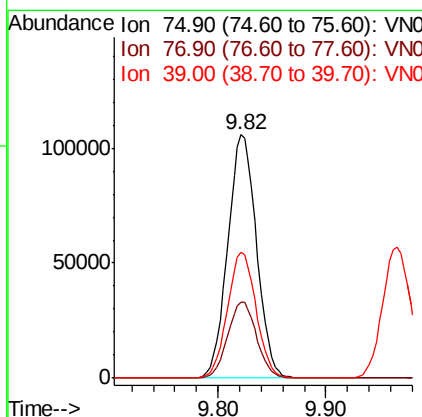
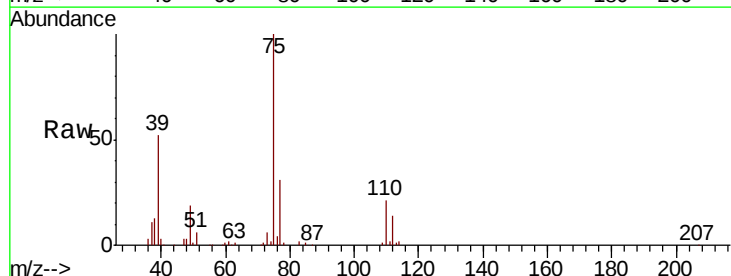
Instrument :
MSVOA_N
ClientSampled :

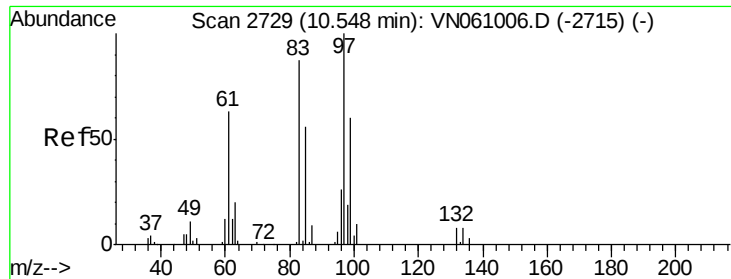
Tot Ion: 75 Resp: 182312
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 52.248 ug/l
RT: 9.82 min Scan# 2503
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 75 Resp: 196383
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 51.7 41.4 62.2

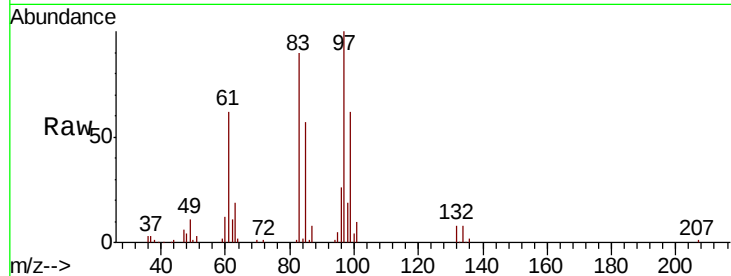




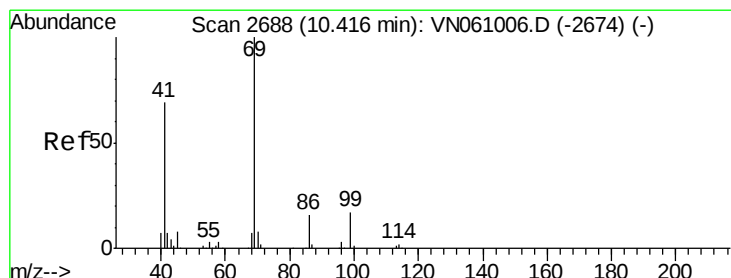
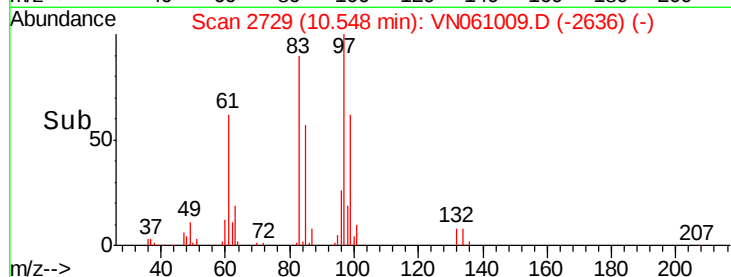
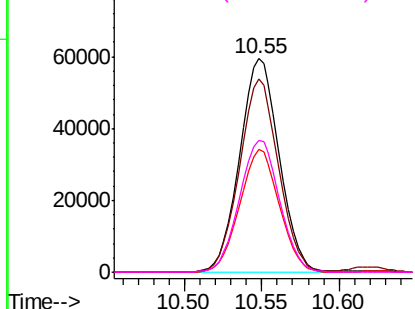
#55
 1,1,2-Trichloroethane
 Concen: 51.607 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	105617
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.5	104.3
85	57.3	45.0	67.4
99	61.8	47.9	71.9

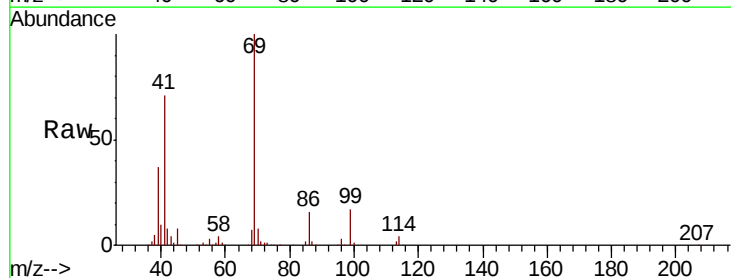


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

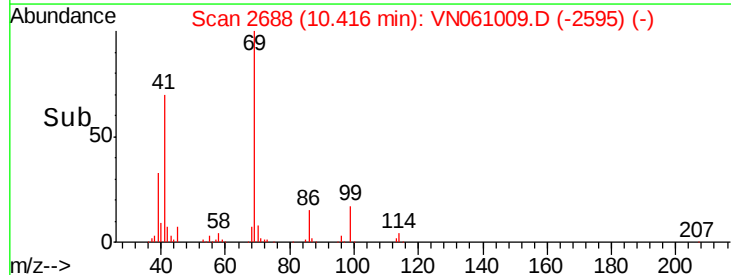
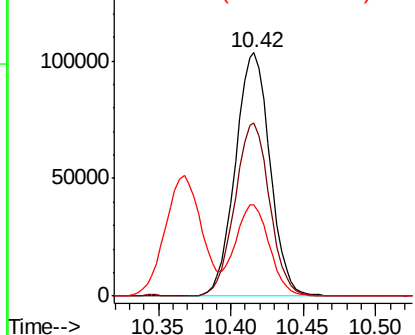


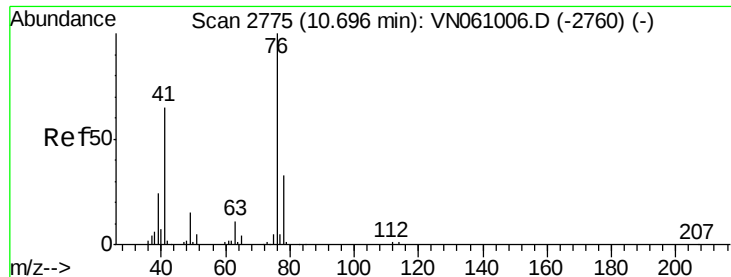
#56
 Ethyl methacrylate
 Concen: 53.351 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion:	69	Resp:	171693
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.7	85.1
39	36.5	29.4	44.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.676 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

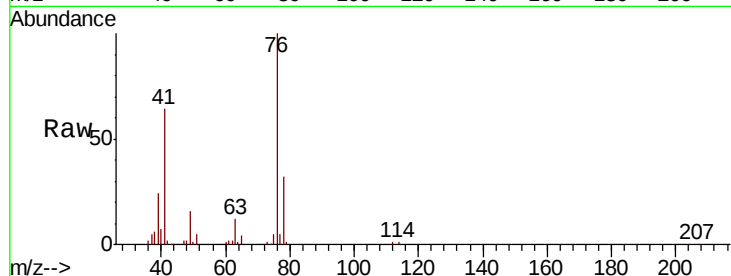
ClientSampled :

Tot Ion: 76 Resp: 184991

Ion Ratio Lower Upper

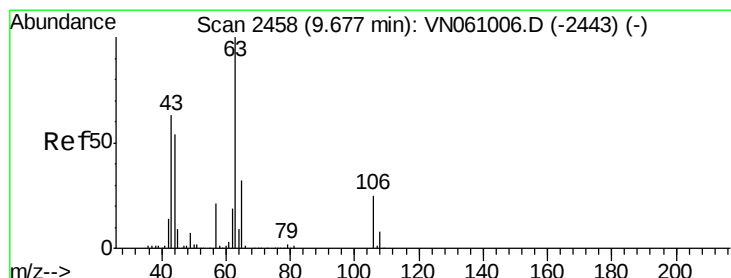
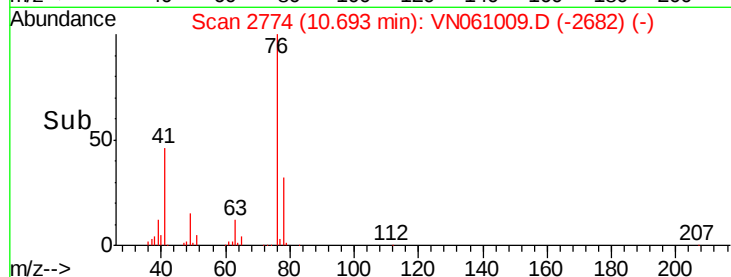
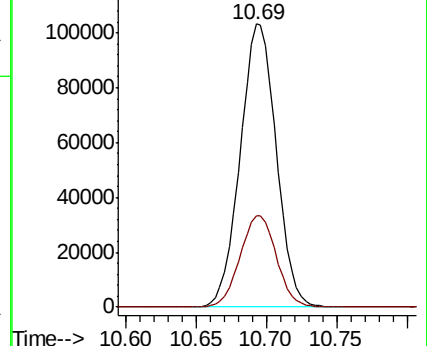
76 100

78 32.5 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN061009.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN061009.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 254.850 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN061009.D

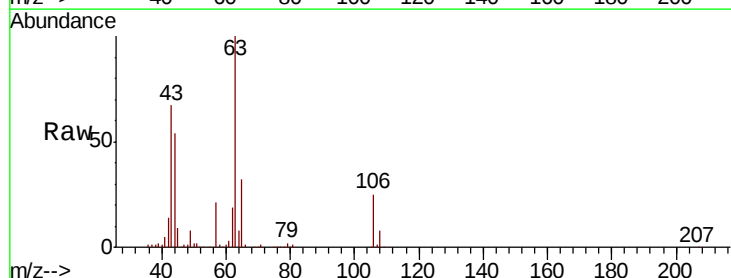
Acq: 16 Apr 2020 14:00

Tgt Ion: 63 Resp: 372674

Ion Ratio Lower Upper

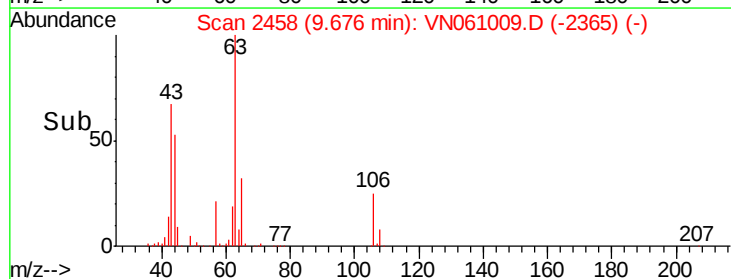
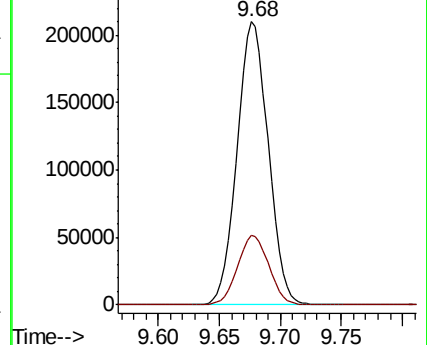
63 100

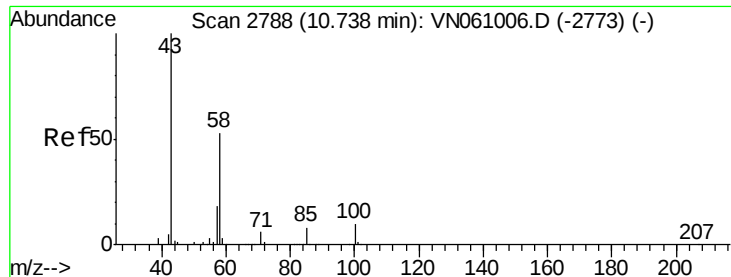
106 24.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN061009.D (-2365) (-)

Ion 105.90 (105.60 to 106.60): VN061009.D (-2365) (-)

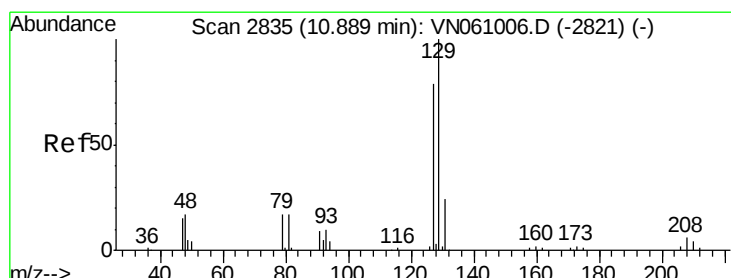
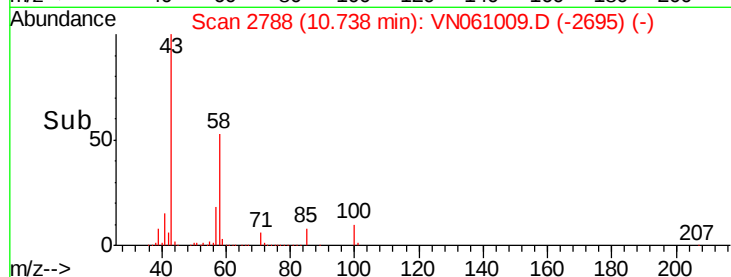
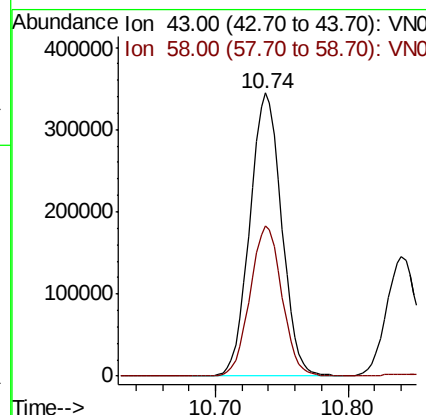
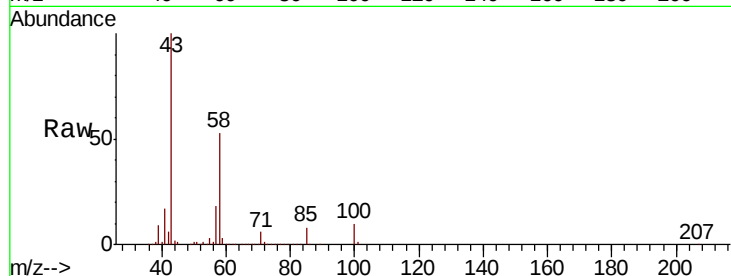




#59
2-Hexanone
Concen: 257.296 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

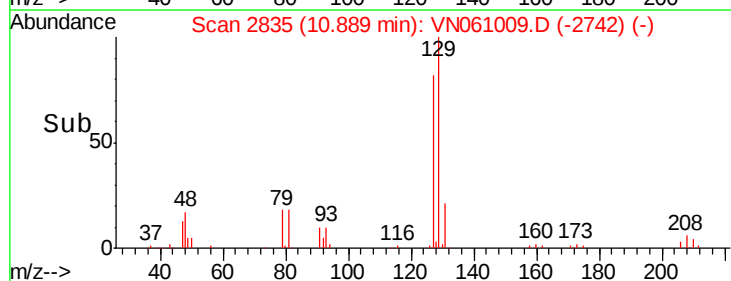
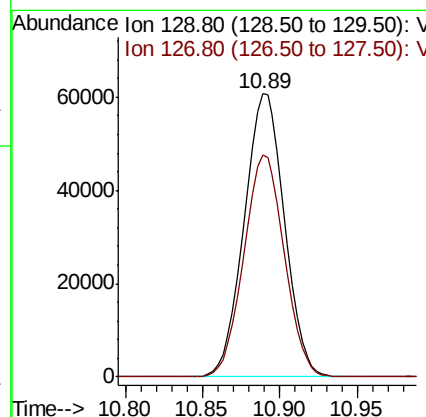
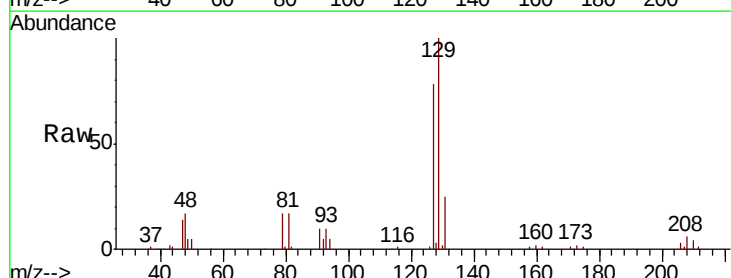
Instrument :
MSVOA_N
ClientSampleId :

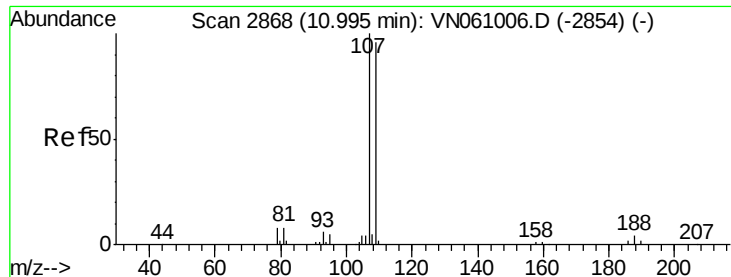
Tot Ion: 43 Resp: 574002
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 52.406 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 129 Resp: 110174
Ion Ratio Lower Upper
129 100
127 78.7 39.0 116.9

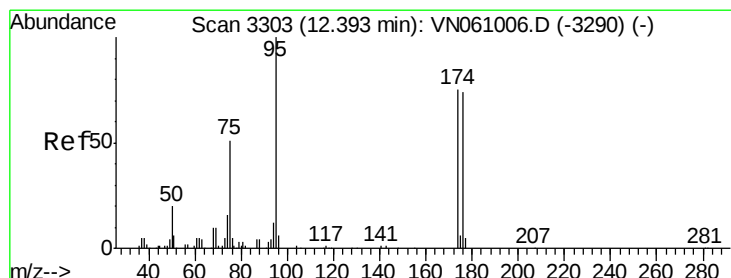
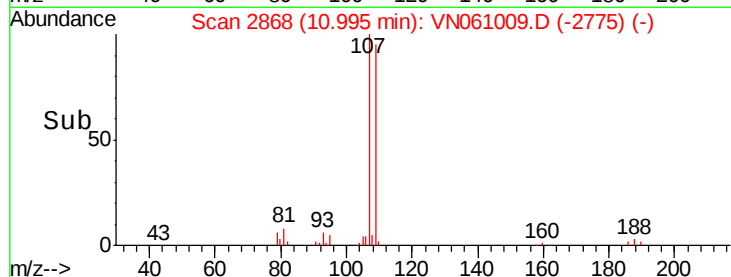
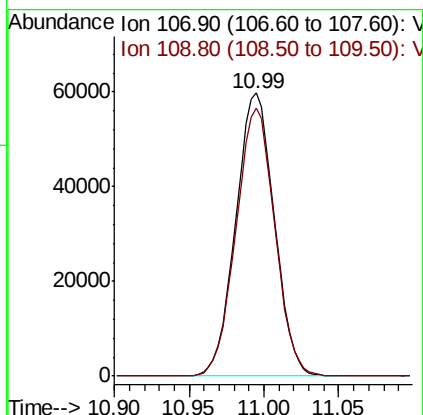
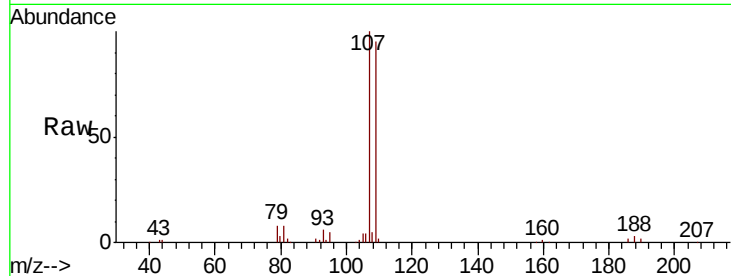




#61
 1,2-Dibromoethane
 Concen: 51.447 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

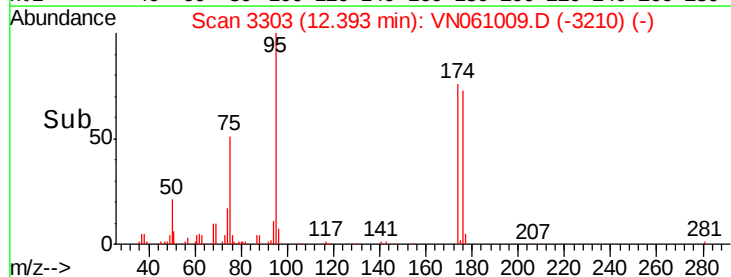
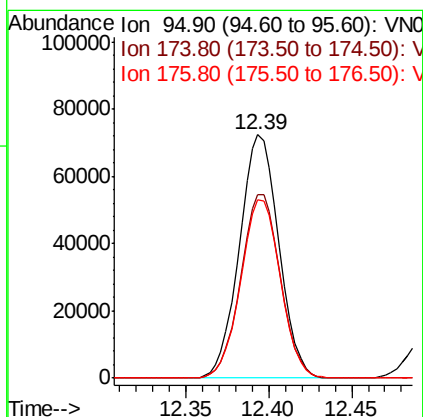
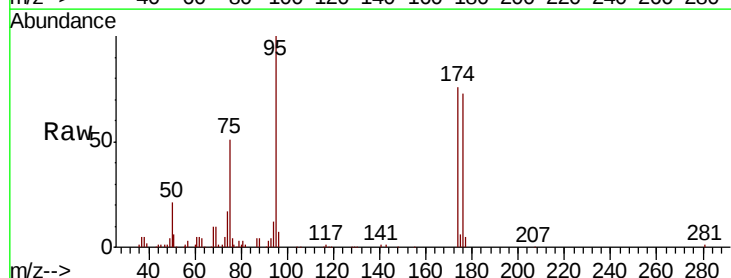
Instrument :
 MSVOA_N
 ClientSampleId :

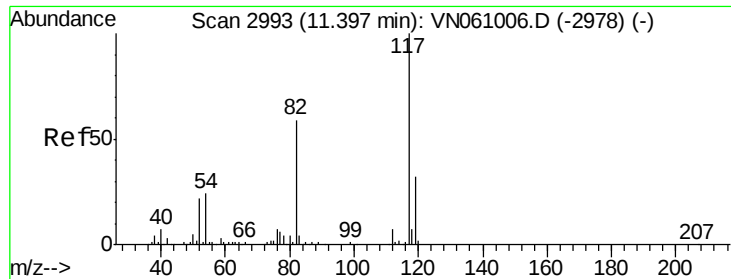
Tot Ion:107 Resp: 107288
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.924 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 95 Resp: 119507
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 151.2
 176 74.0 0.0 148.2

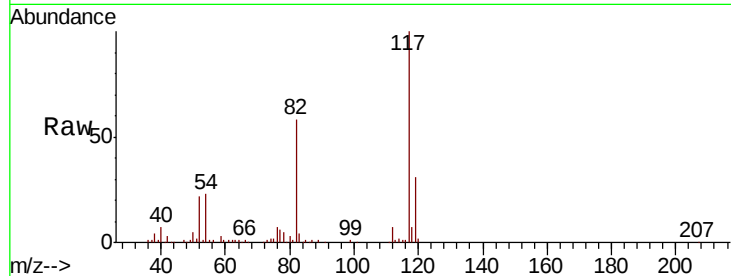




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.1	70.7
119	31.5	25.7	38.5

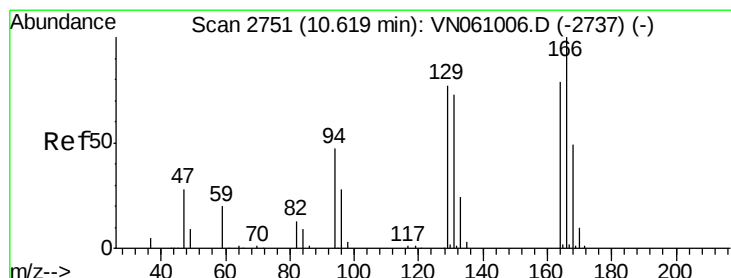
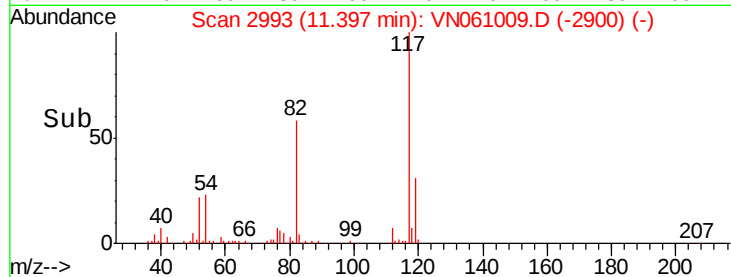
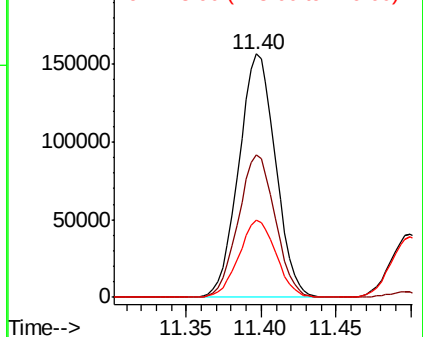


Abundance

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: 50.515 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.6	152.4
129	95.2	78.5	117.7
131	92.8	74.3	111.5

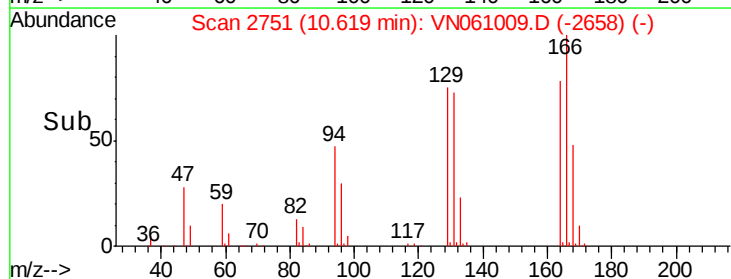
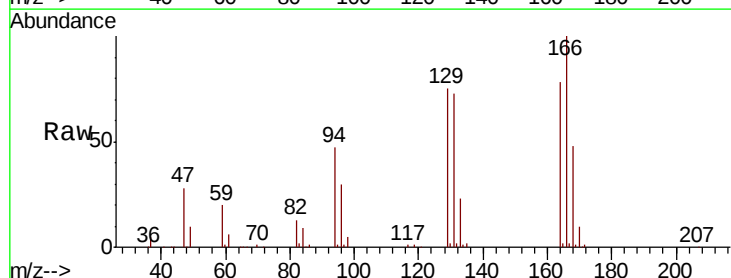
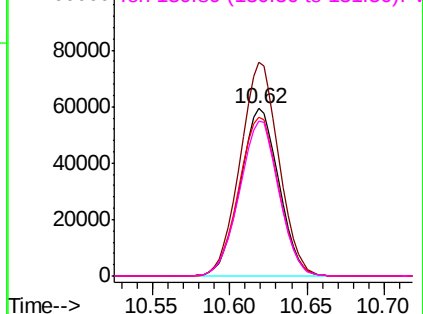
Abundance

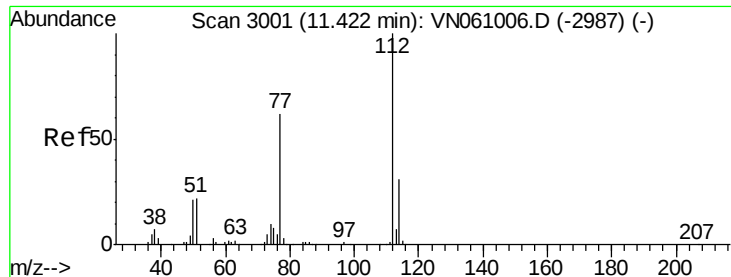
Ion 163.80 (163.50 to 164.50): V

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

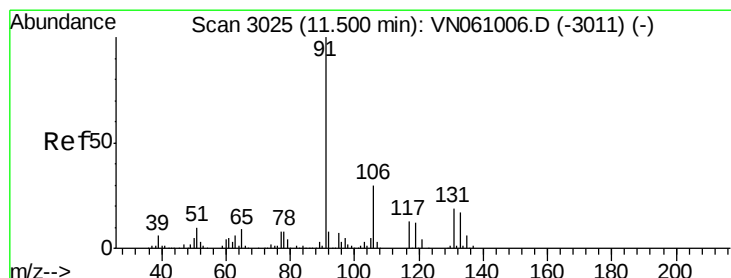
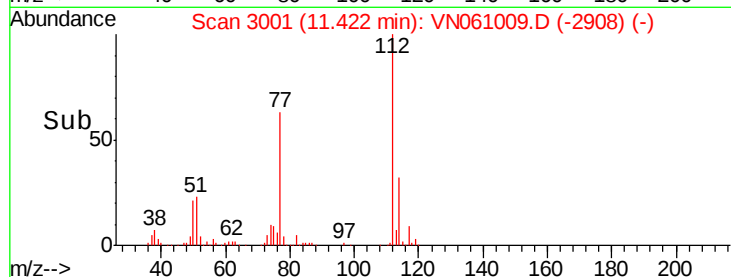
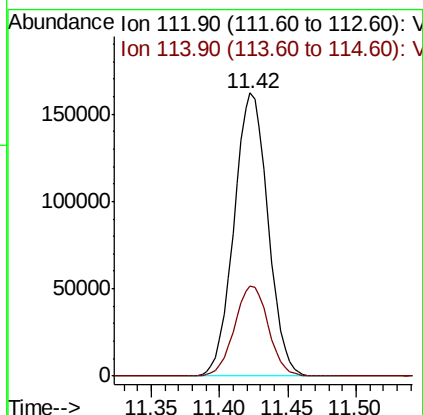
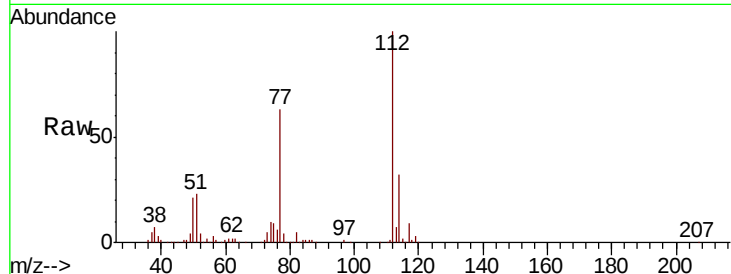




#65
Chlorobenzene
Concen: 50.448 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

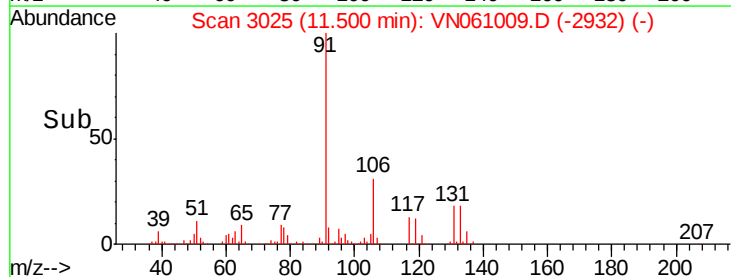
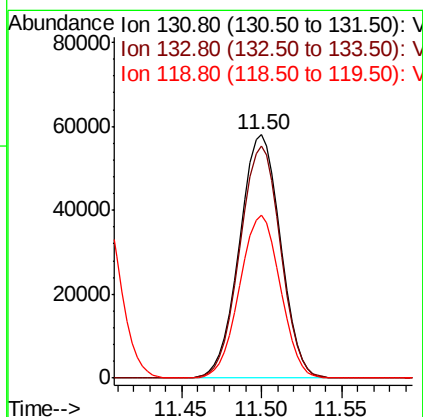
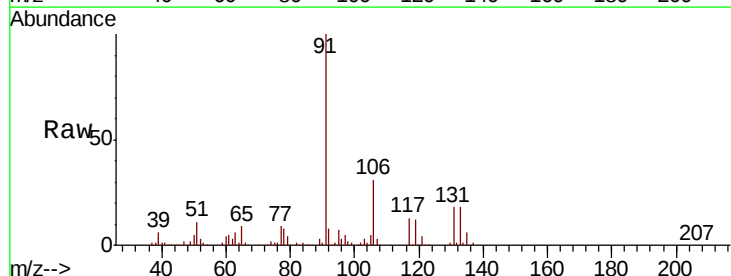
Instrument :
MSVOA_N
ClientSampleId :

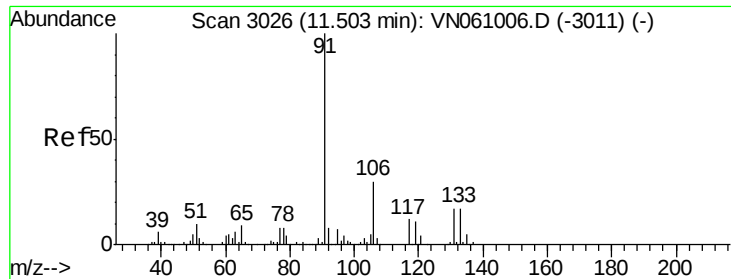
Tot Ion:112 Resp: 279830
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.165 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion:131 Resp: 101537
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 66.5 33.3 99.8

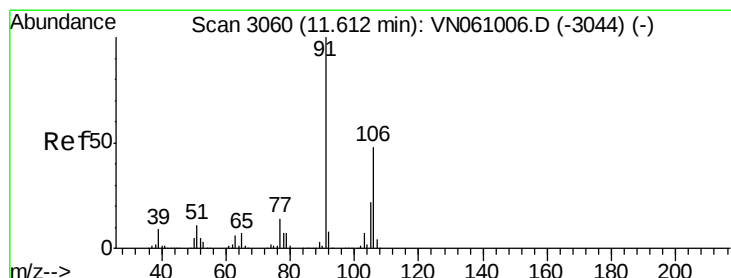
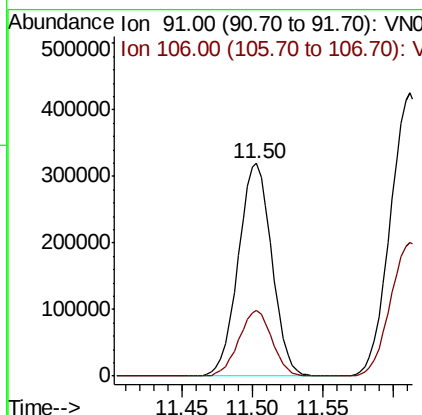
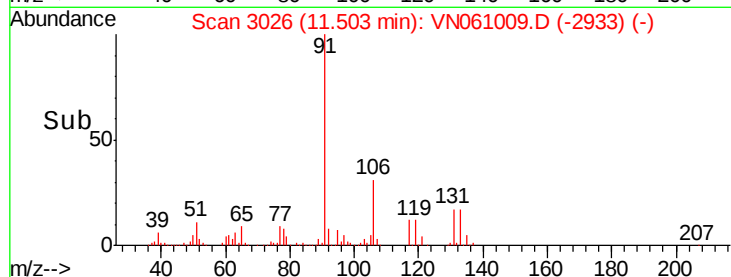
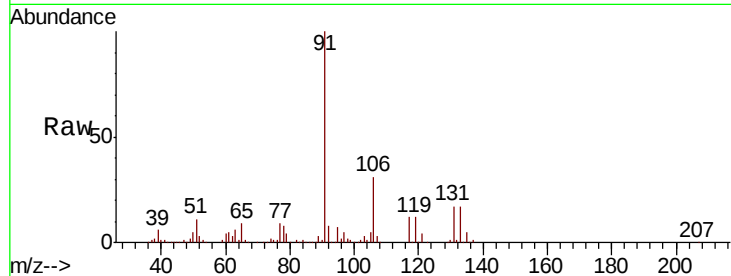




#67
Ethyl Benzene
Concen: 50.977 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

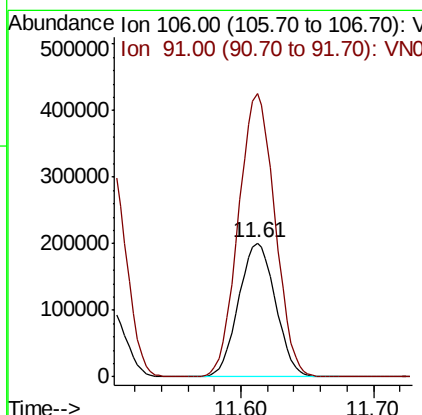
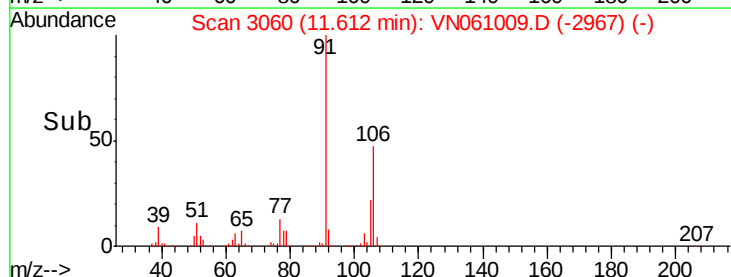
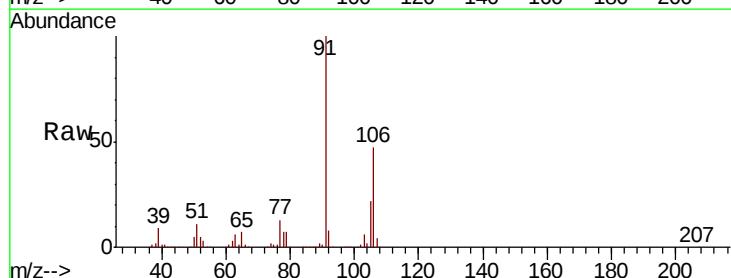
Instrument :
MSVOA_N
ClientSampled :

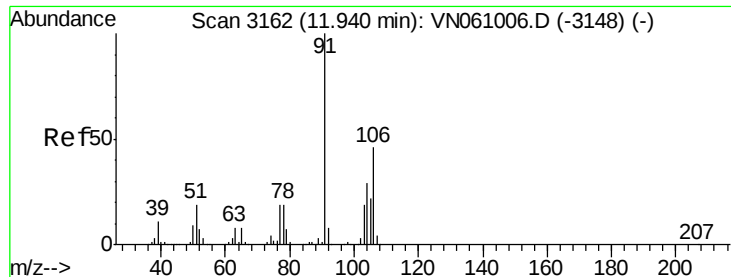
Tot Ion: 91 Resp: 531886
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8



#68
m/p-Xylenes
Concen: 102.823 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 106 Resp: 387725
Ion Ratio Lower Upper
106 100
91 209.8 167.9 251.9

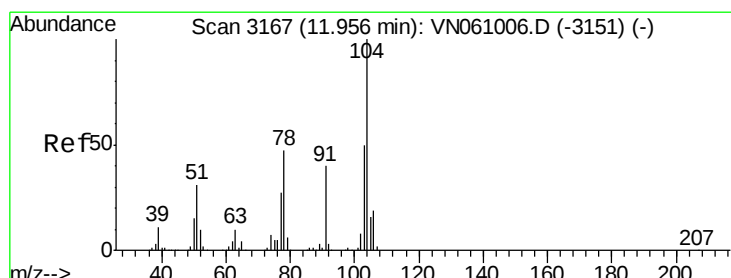
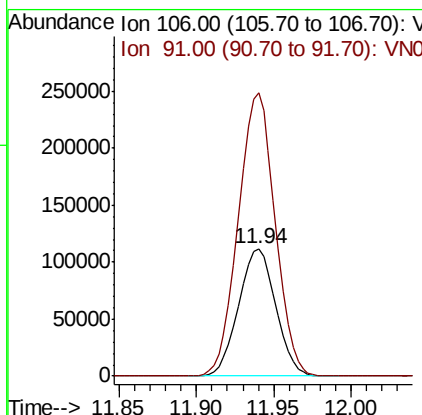
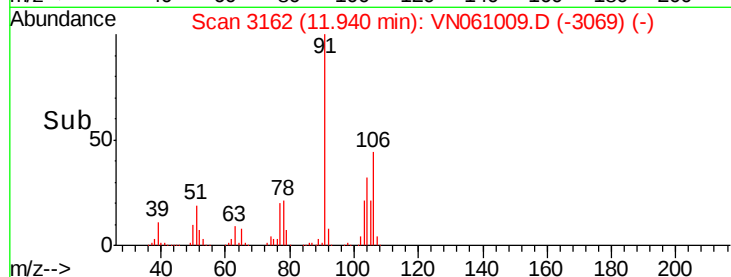
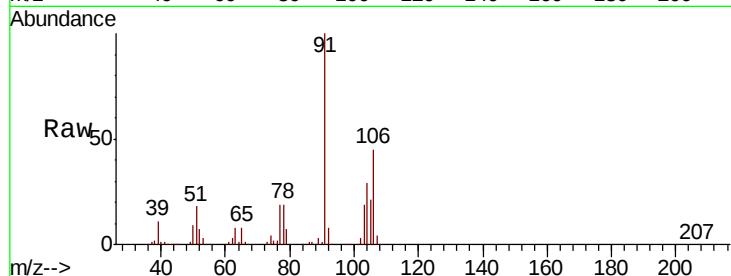




#69
o-Xylene
Concen: 51.440 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

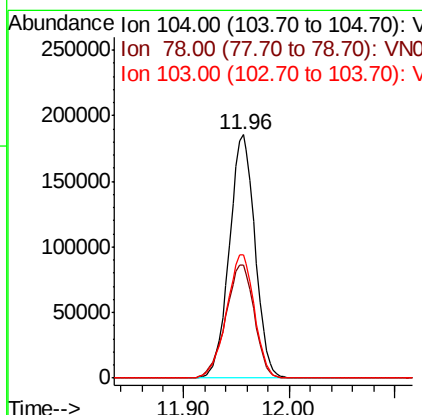
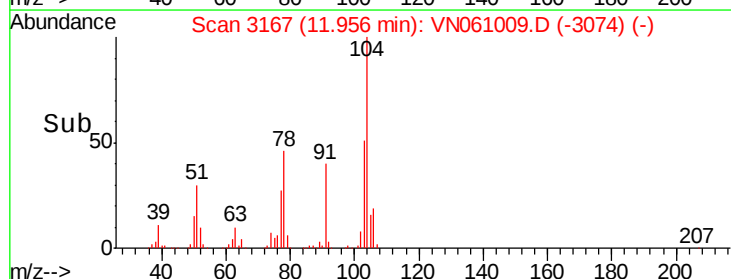
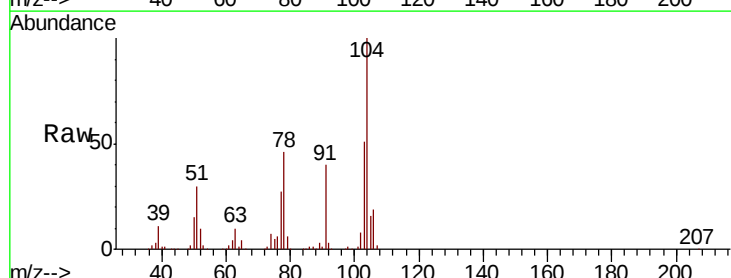
Instrument :
MSVOA_N
ClientSampled :

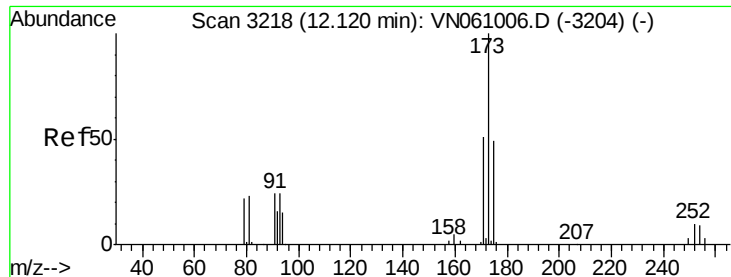
Tot Ion:106 Resp: 186498
Ion Ratio Lower Upper
106 100
91 220.7 110.7 332.1



#70
Styrene
Concen: 53.351 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion:104 Resp: 311397
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.4
103 55.1 44.4 66.6





#71

Bromoform

Concen: 53.169 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

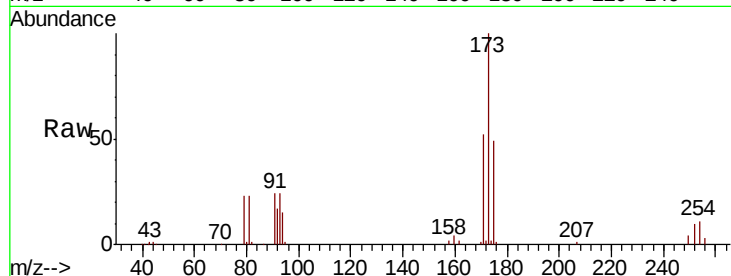
Tot Ion:173 Resp: 78759

Ion Ratio Lower Upper

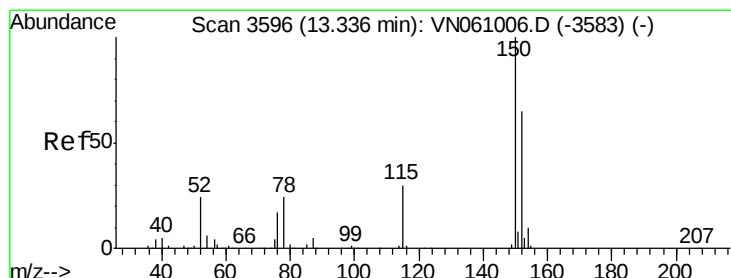
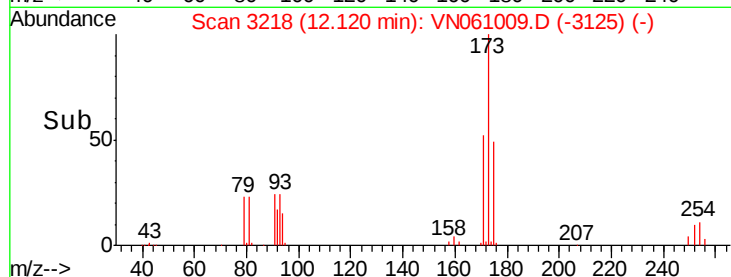
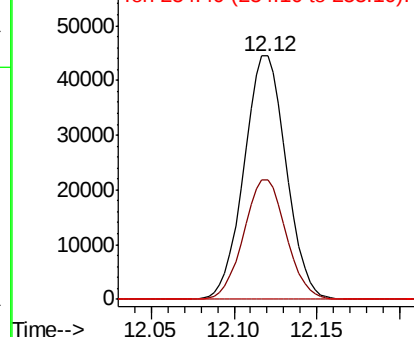
173 100

175 49.3 24.5 73.5

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: VN061009.D

Acq: 16 Apr 2020 14:00

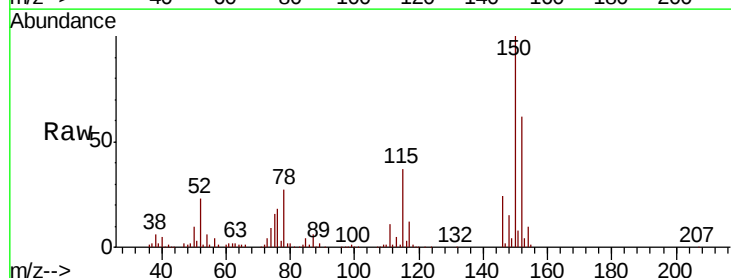
Tgt Ion:152 Resp: 126332

Ion Ratio Lower Upper

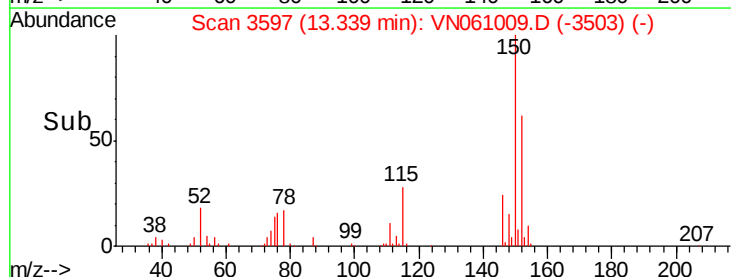
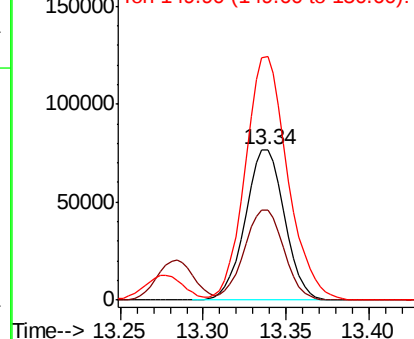
152 100

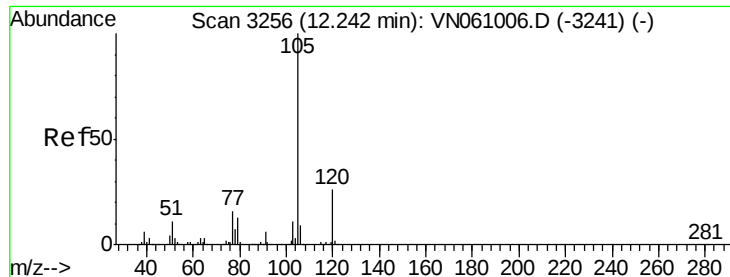
115 60.9 30.8 92.4

150 174.8 0.0 349.0



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: 49.692 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

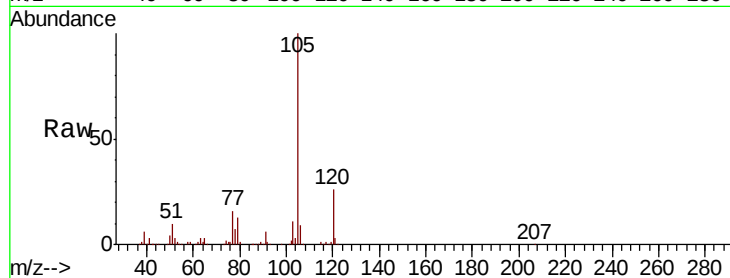
ClientSampleId :

Tot Ion:105 Resp: 502941

Ion Ratio Lower Upper

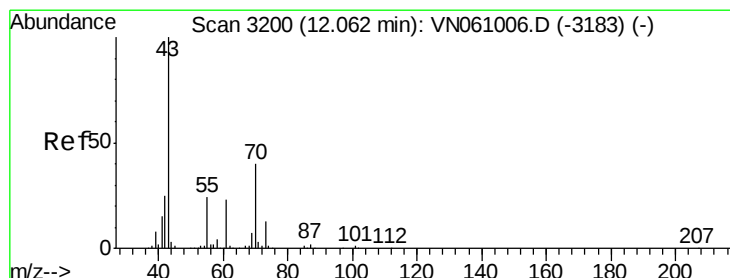
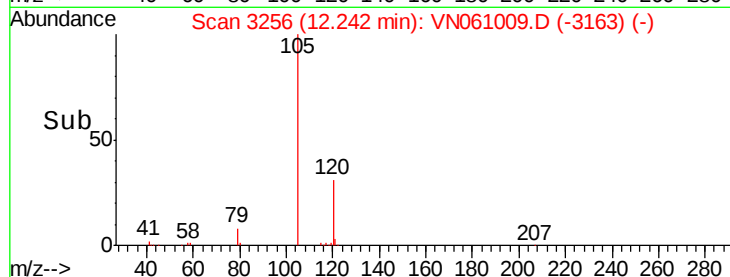
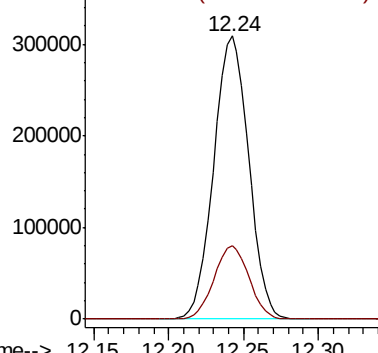
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.105 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Tgt Ion: 43 Resp: 231120

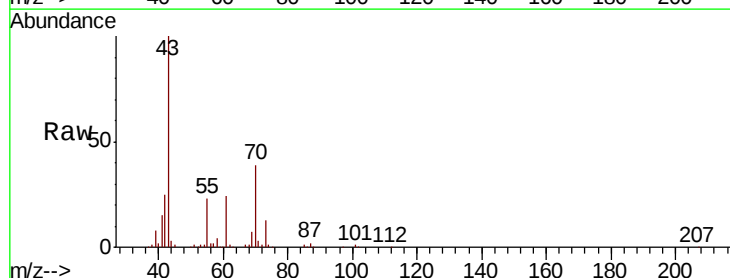
Ion Ratio Lower Upper

43 100

70 39.5 31.0 46.6

55 23.3 18.6 27.8

61 23.9 18.2 27.4

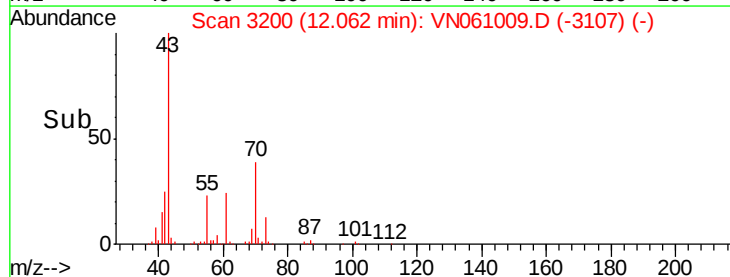
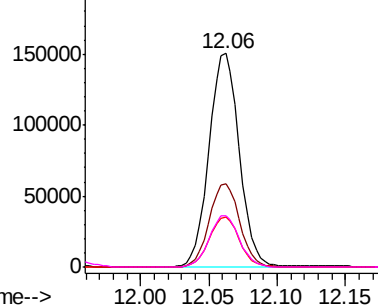


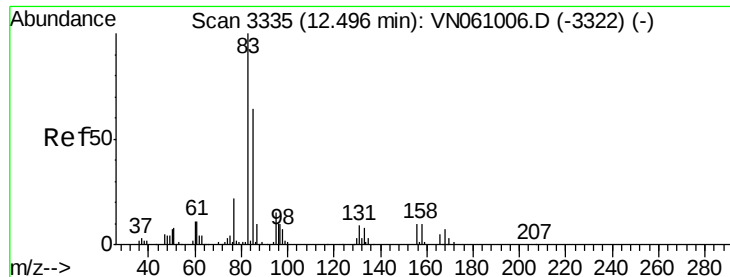
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.289 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

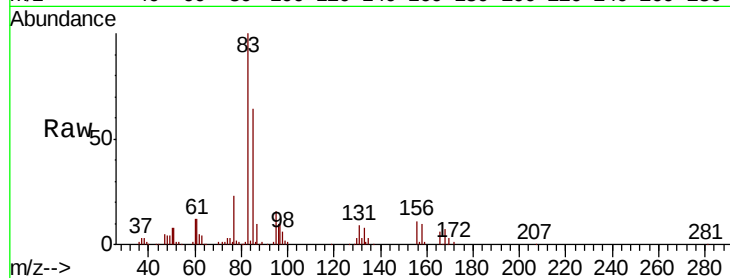
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 83 Resp: 152280

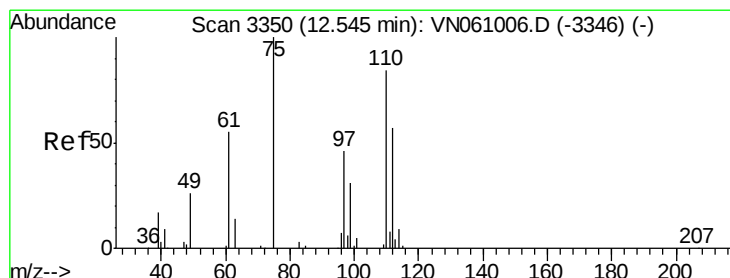
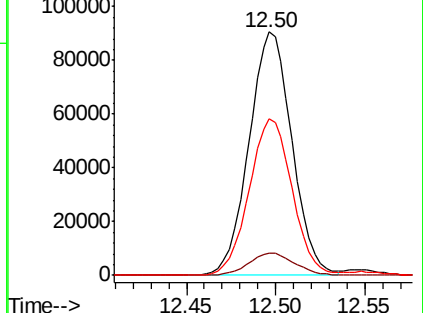
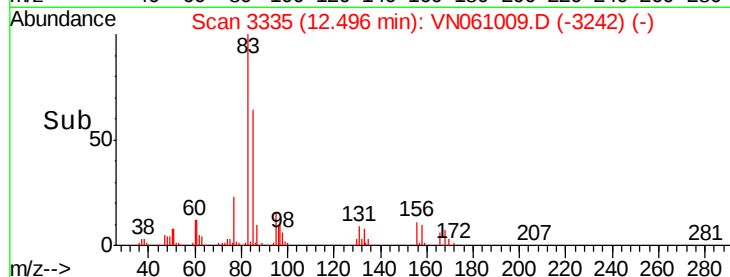
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	64.2	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 75.015 ug/l

RT: 12.54 min Scan# 3350

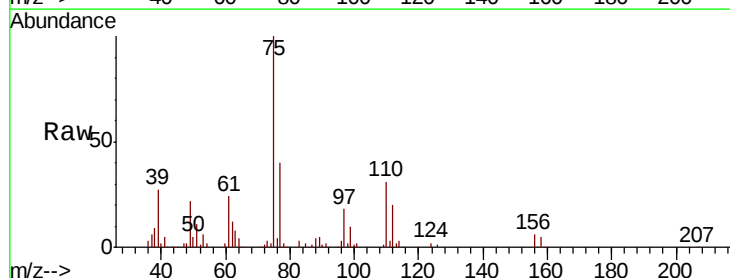
Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

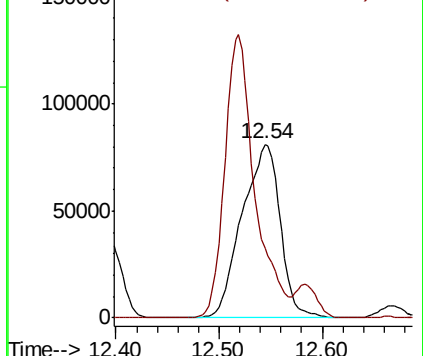
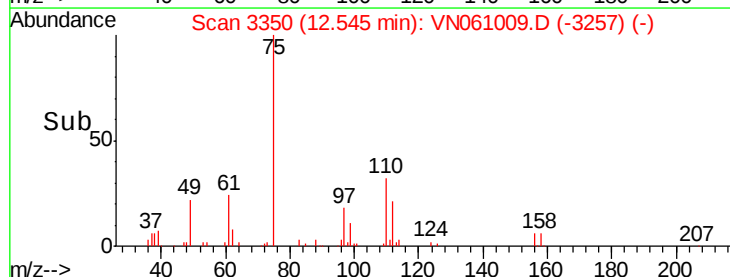
Tgt Ion: 75 Resp: 208450

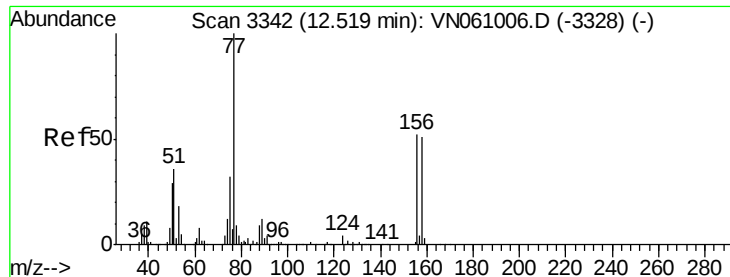
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.425 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

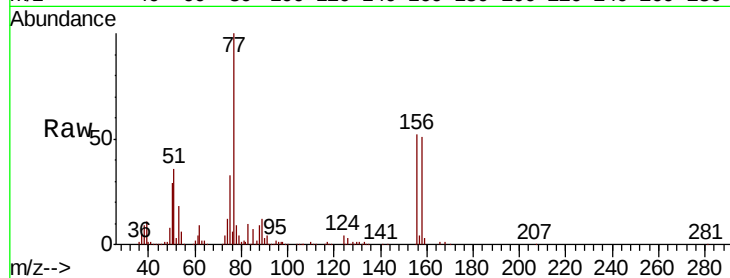
Tot Ion:156 Resp: 116795

Ion Ratio Lower Upper

156 100

77 228.8 115.6 346.8

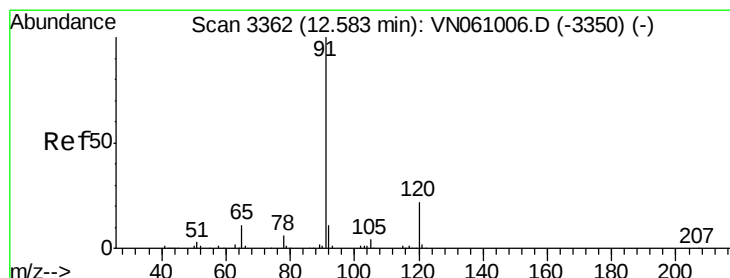
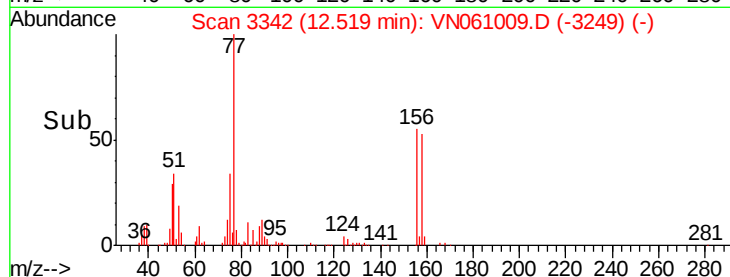
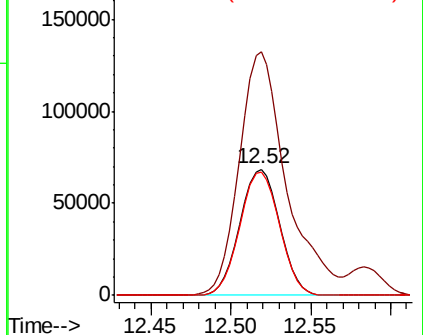
158 97.6 48.9 146.6



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: 51.009 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN061009.D

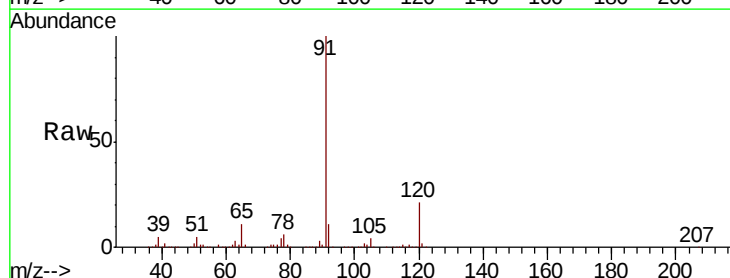
Acq: 16 Apr 2020 14:00

Tgt Ion: 91 Resp: 604019

Ion Ratio Lower Upper

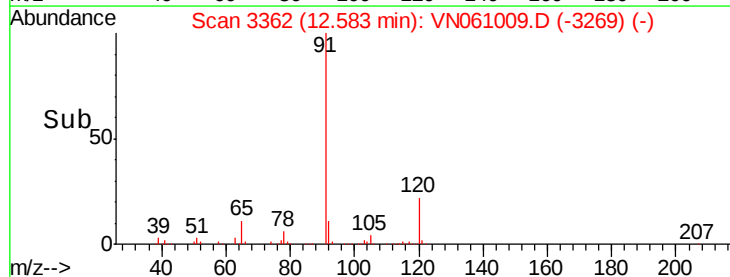
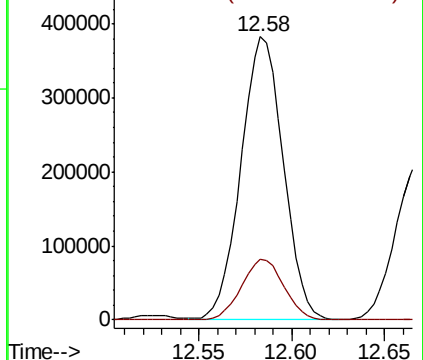
91 100

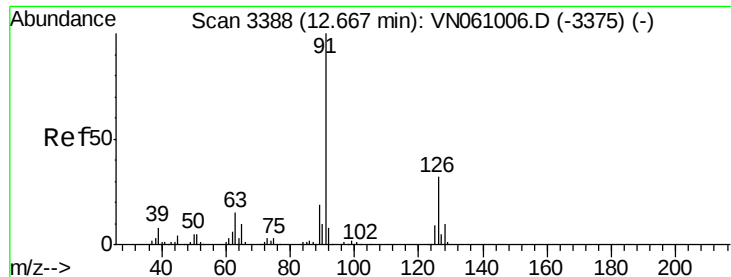
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

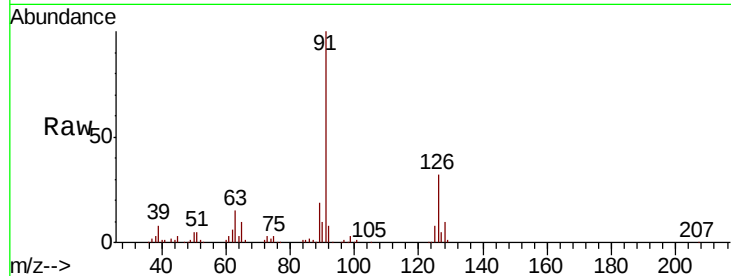




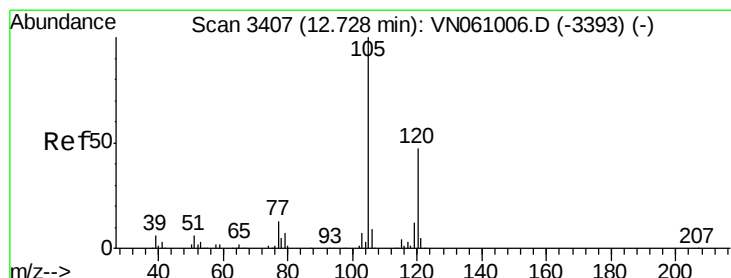
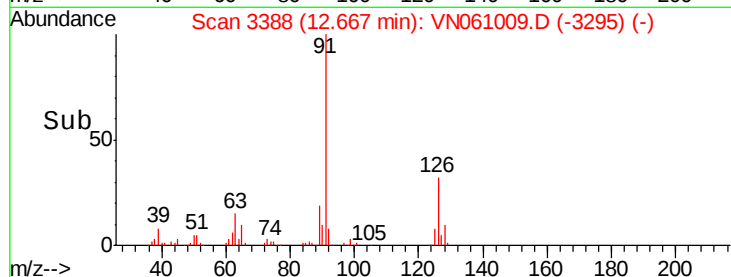
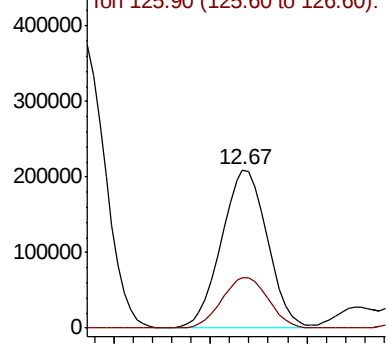
#79
 2-Chlorotoluene
 Concen: 49.823 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 346023
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.2

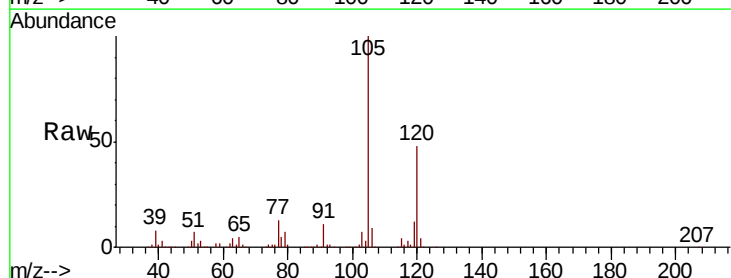


Abundance Ion 91.00 (90.70 to 91.70): VN061009.D (-3295) (-)
 Ion 125.90 (125.60 to 126.60): VN061009.D (-3295) (-)

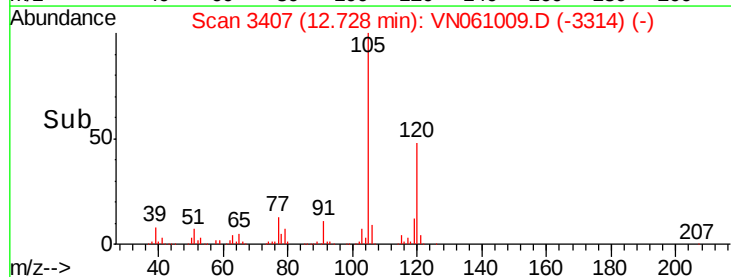
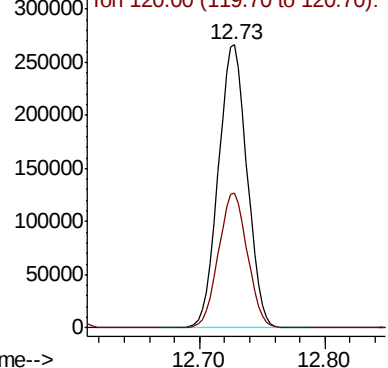


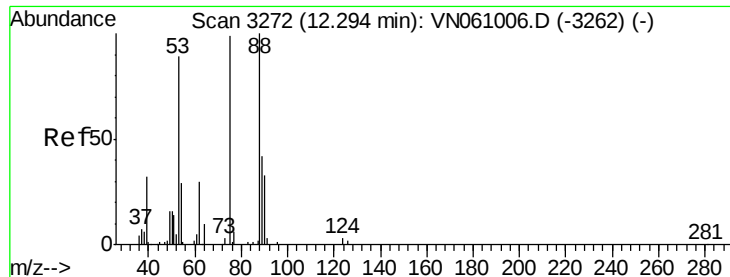
#80
 1,3,5-Trimethylbenzene
 Concen: 50.798 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion: 105 Resp: 424967
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061009.D (-3314) (-)
 Ion 120.00 (119.70 to 120.70): VN061009.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.644 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

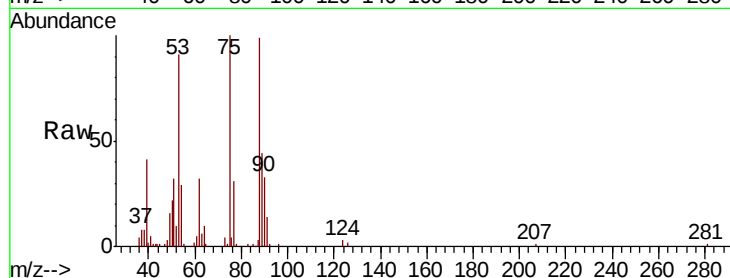
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 55928

Ion	Ratio	Lower	Upper
75	100		
53	91.5	74.7	112.1
89	44.1	34.6	52.0

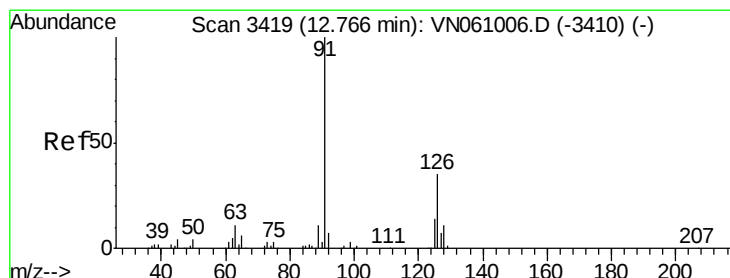
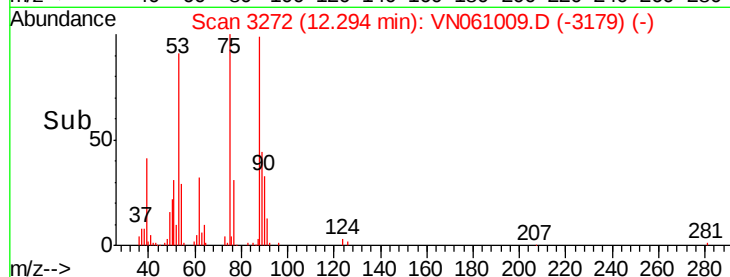
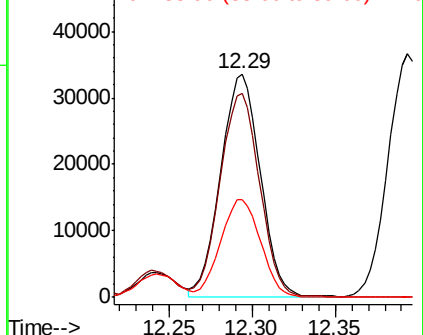


Abundance

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: 50.621 ug/l

RT: 12.77 min Scan# 3419

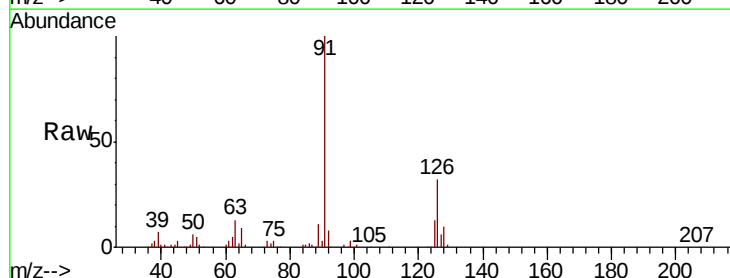
Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Tgt Ion: 91 Resp: 364621

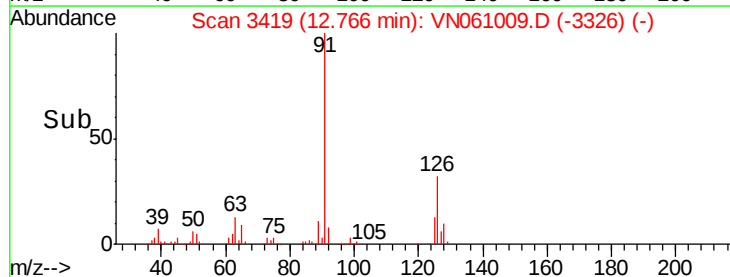
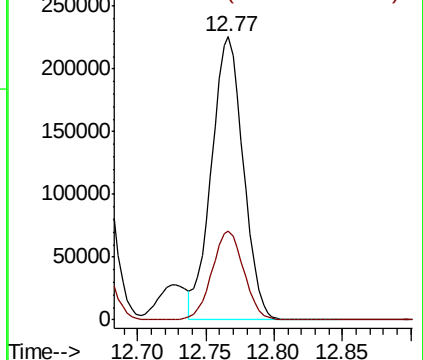
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.9	47.6

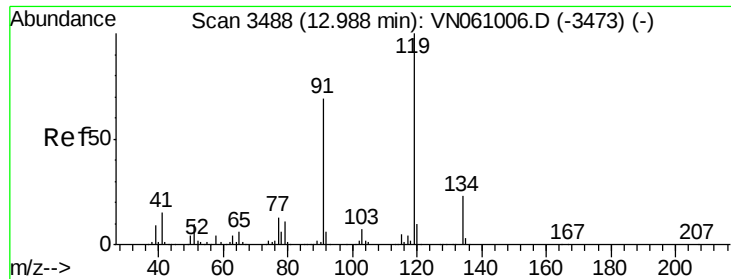


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

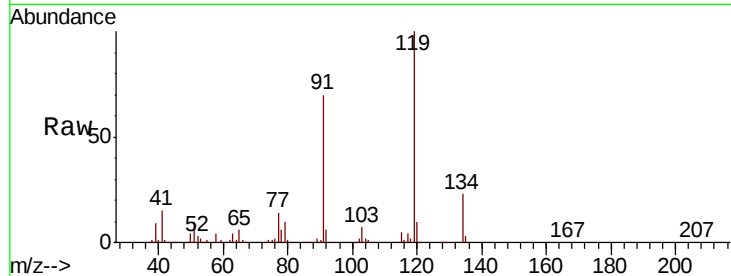




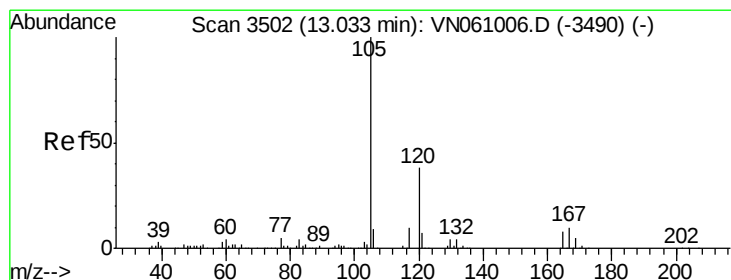
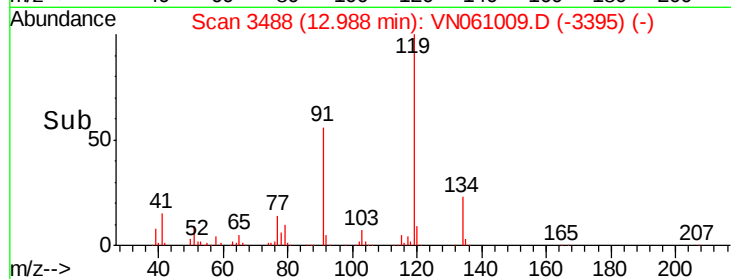
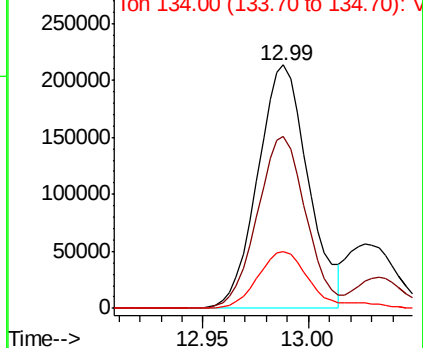
#83
tert-Butylbenzene
Concen: 50.444 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 354901
Ion Ratio Lower Upper
119 100
91 68.8 34.1 102.3
134 24.7 12.4 37.2

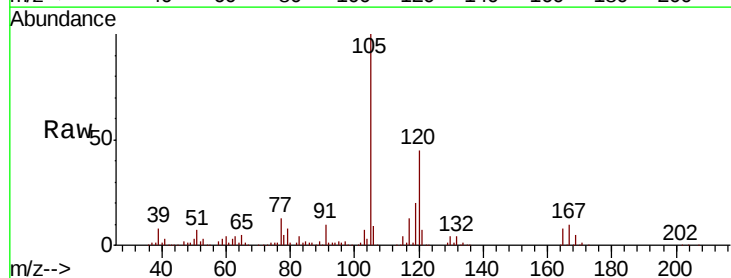


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

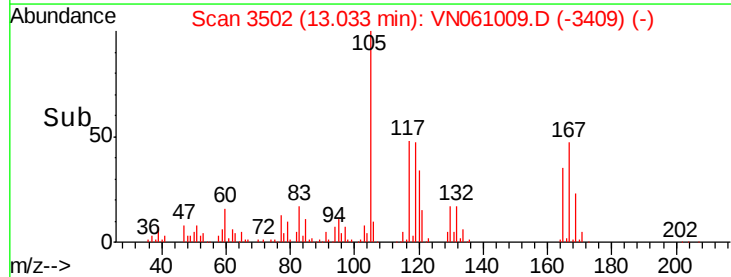
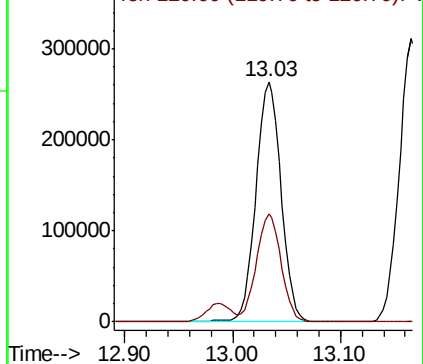


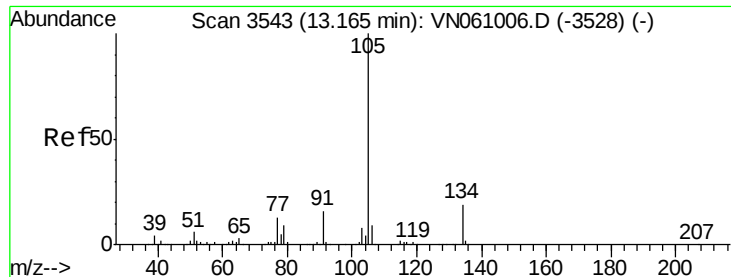
#84
1,2,4-Trimethylbenzene
Concen: 51.277 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion:105 Resp: 424033
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 50.948 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

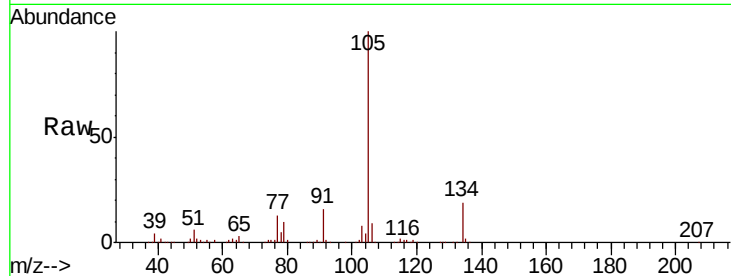
ClientSampleId :

Tot Ion:105 Resp: 485671

Ion Ratio Lower Upper

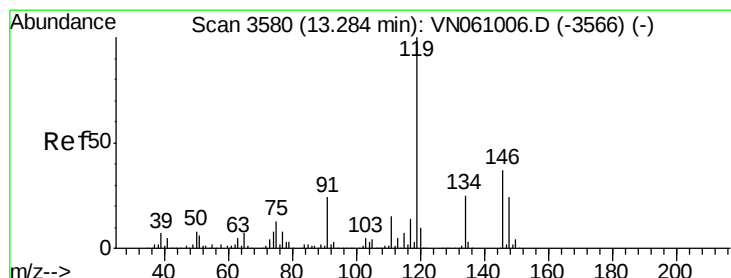
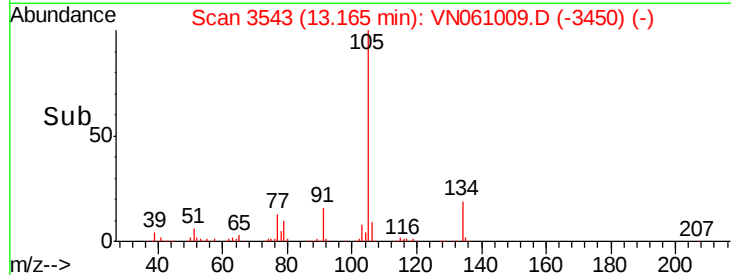
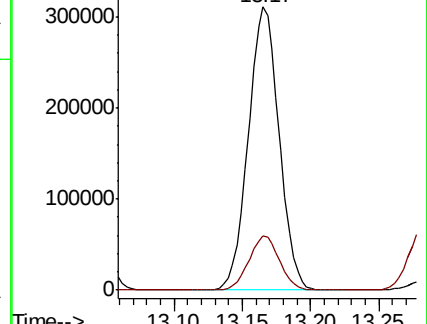
105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.377 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

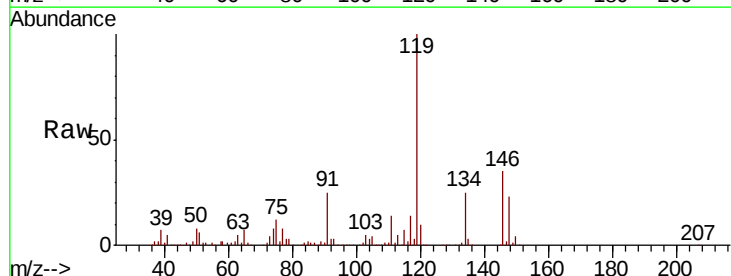
Tgt Ion:119 Resp: 436115

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

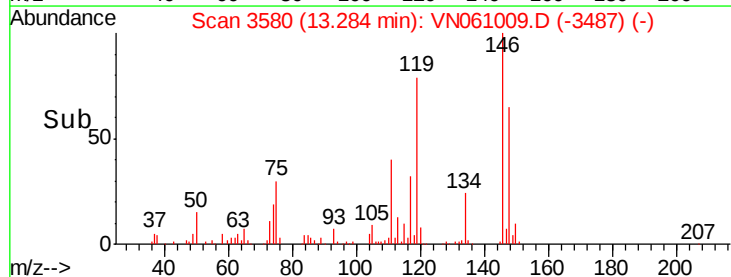
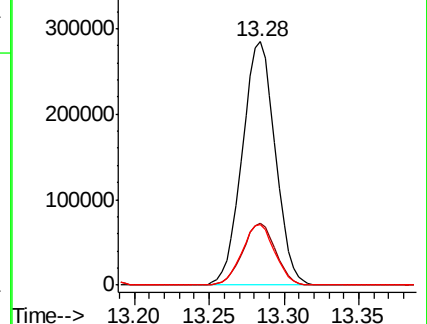
91 24.7 12.3 36.8

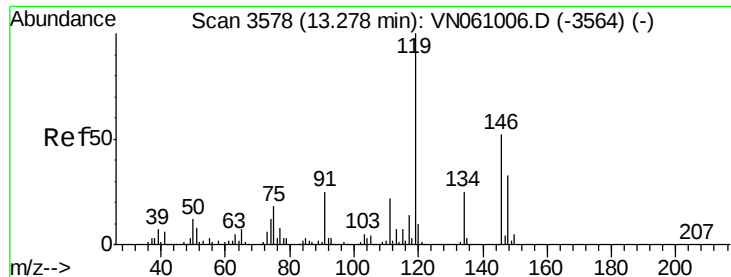


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.269 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

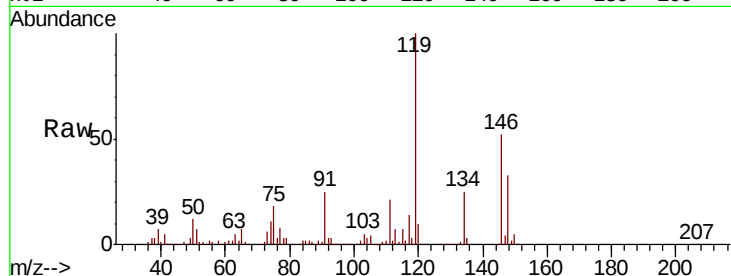
Tot Ion:146 Resp: 211702

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

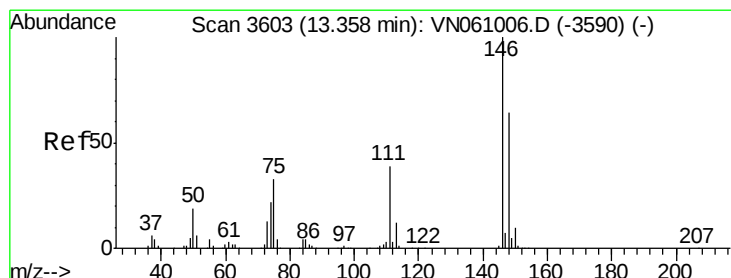
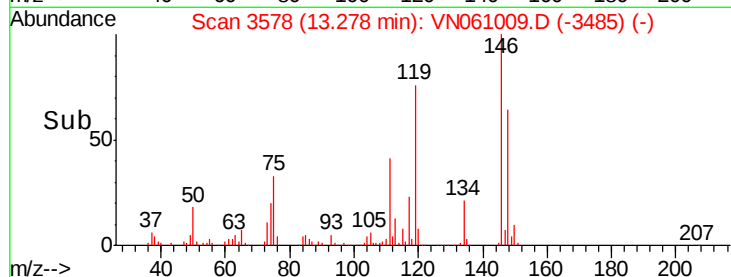
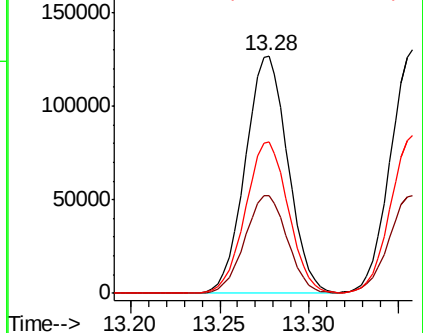
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.723 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

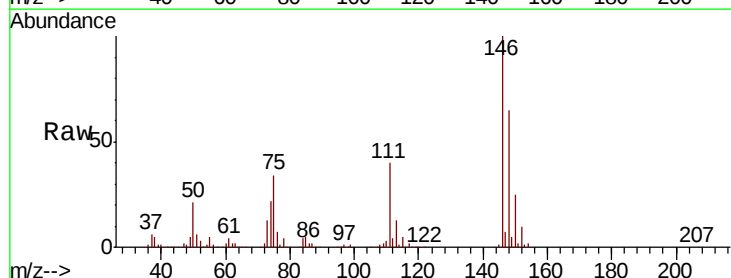
Tgt Ion:146 Resp: 210662

Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.3

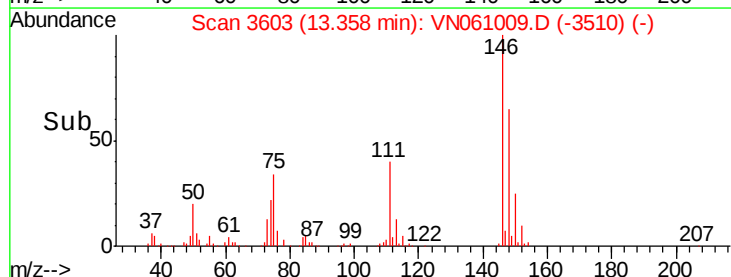
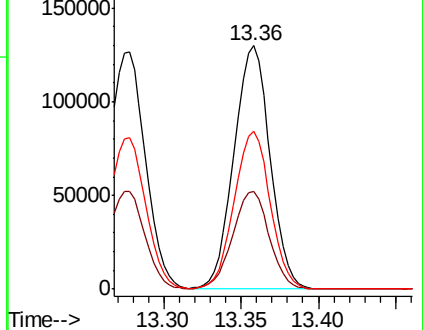
148 64.6 32.1 96.3

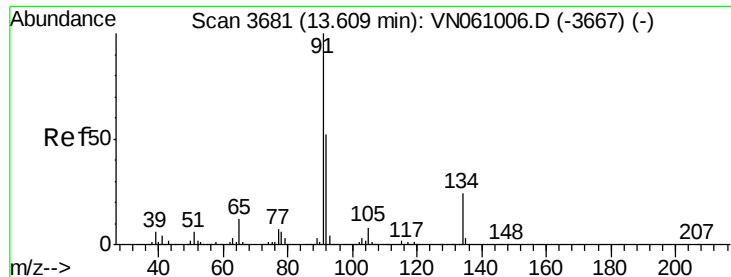


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

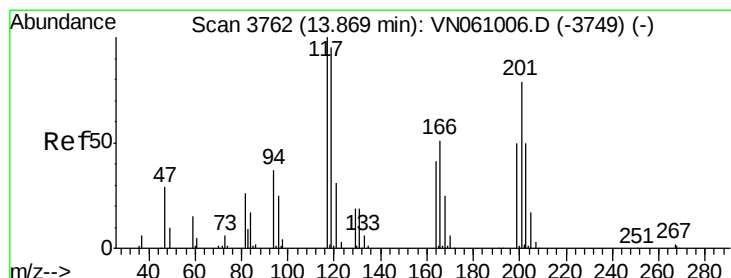
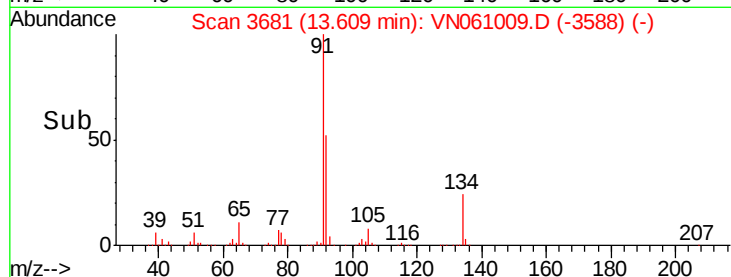
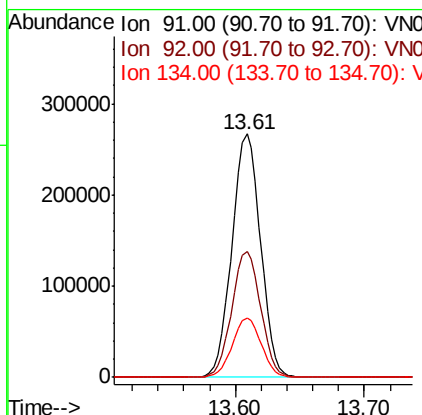
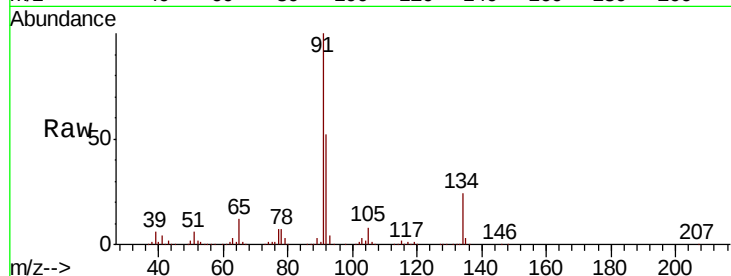




#89
n-Butylbenzene
Concen: 52.137 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

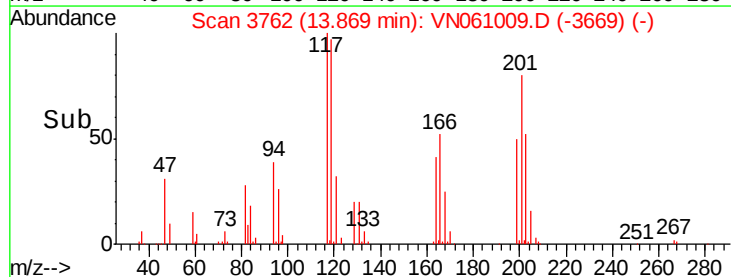
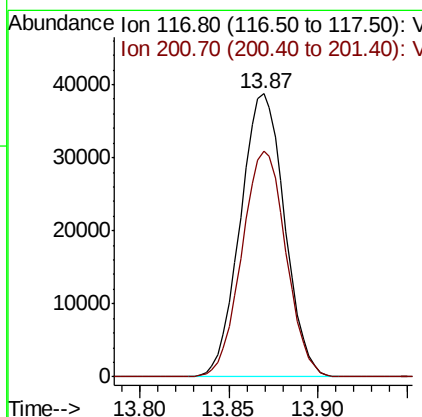
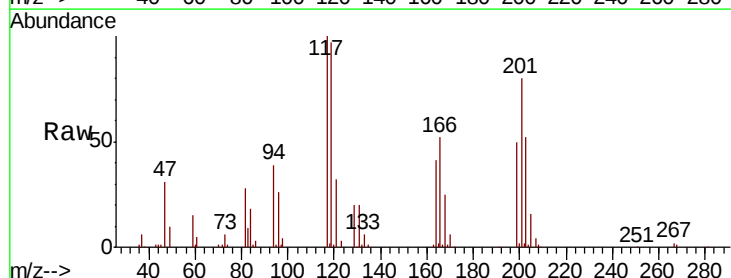
Instrument :
MSVOA_N
ClientSampleId :

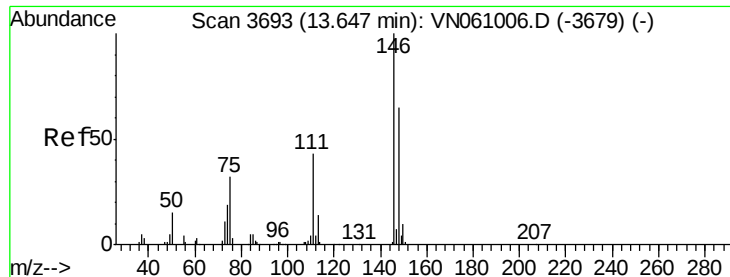
Tot Ion: 91 Resp: 411554
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 51.470 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN061009.D
Acq: 16 Apr 2020 14:00

Tgt Ion: 117 Resp: 67032
Ion Ratio Lower Upper
117 100
201 79.5 39.3 117.9

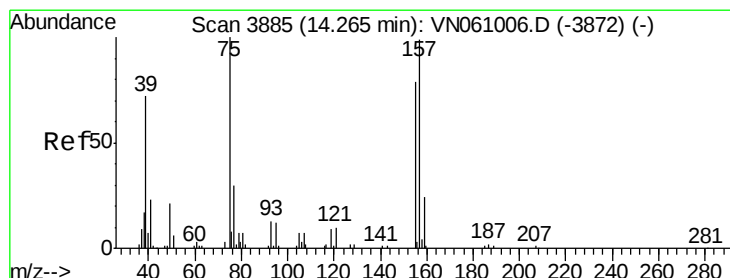
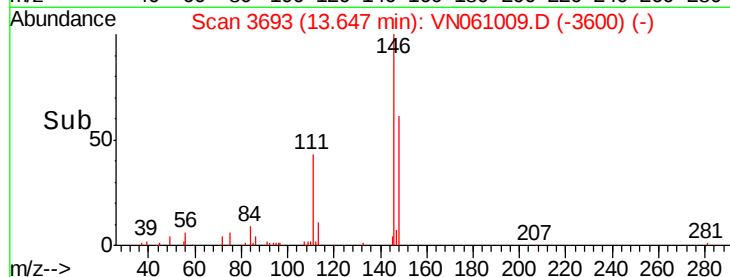
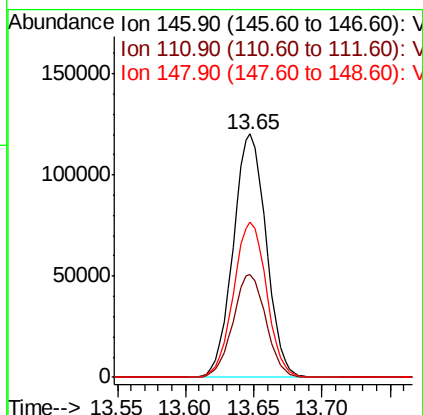
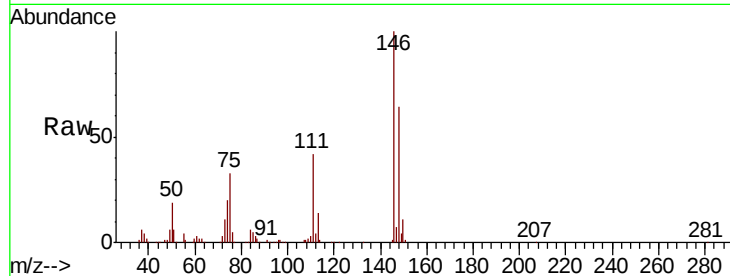




#91
 1,2-Dichlorobenzene
 Concen: 50.160 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

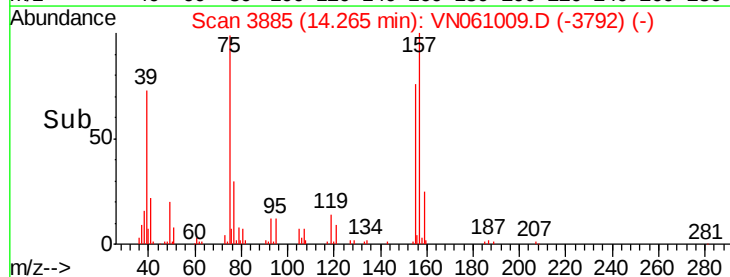
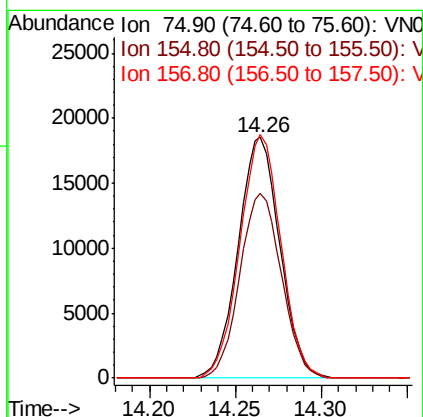
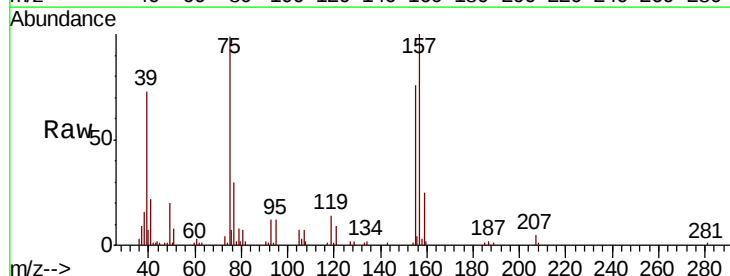
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	64.0
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.372 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	39.5	118.5
157	99.2	50.1	150.4

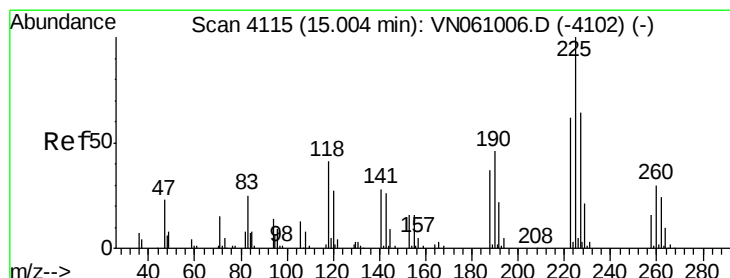
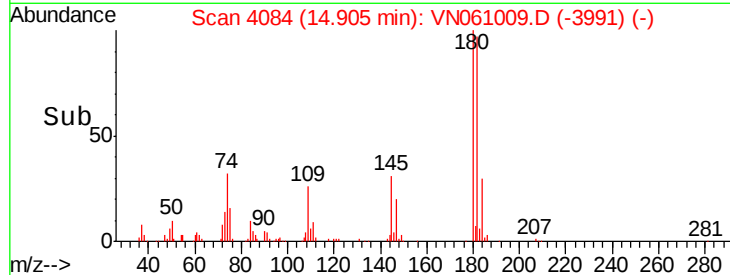
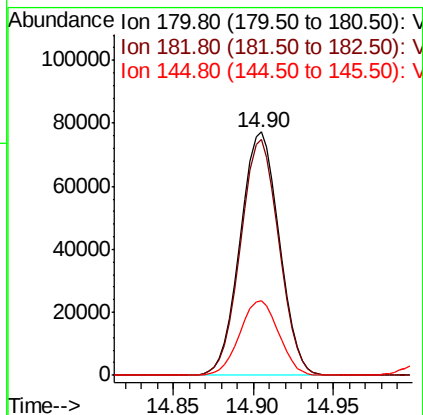
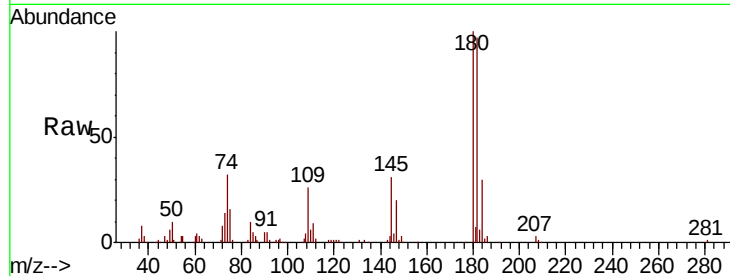




#93
 1,2,4-Trichlorobenzene
 Concen: 53.974 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

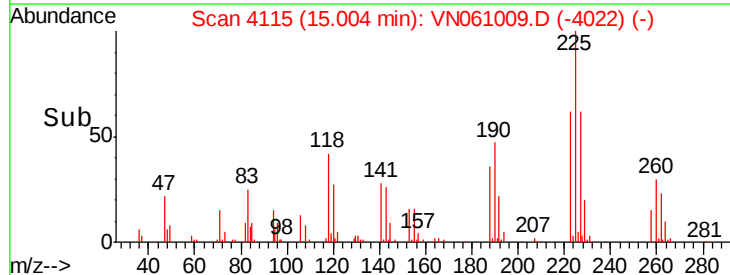
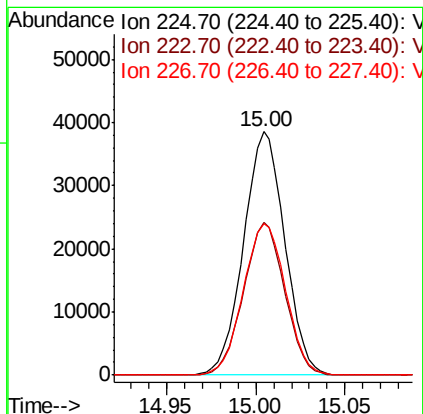
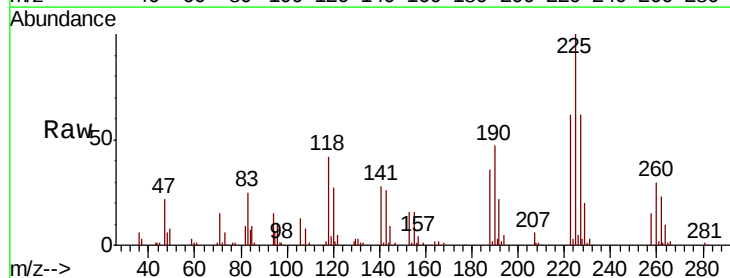
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.6	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 50.952 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN061009.D
 Acq: 16 Apr 2020 14:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.6	31.9	95.5





#95

Naphthalene

Concen: 53.602 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

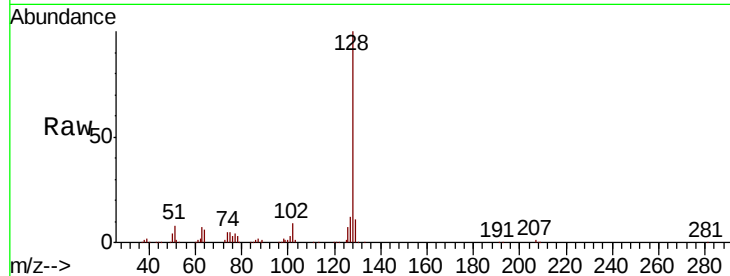
Tot Ion:128 Resp: 371896

Ion Ratio Lower Upper

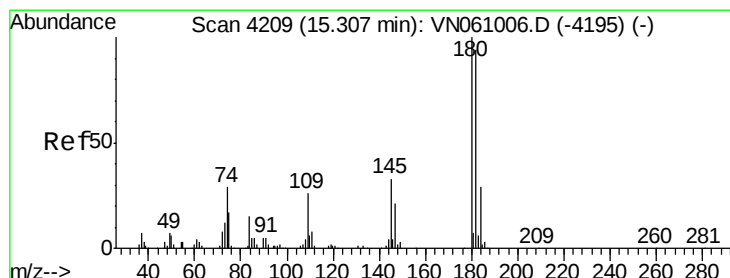
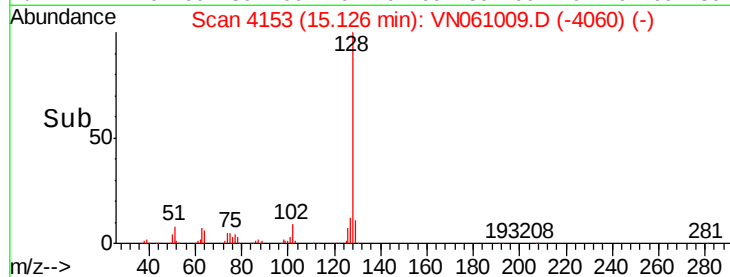
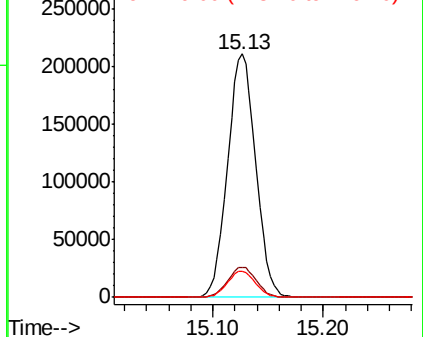
128 100

127 12.6 10.2 15.4

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.023 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN061009.D

Acq: 16 Apr 2020 14:00

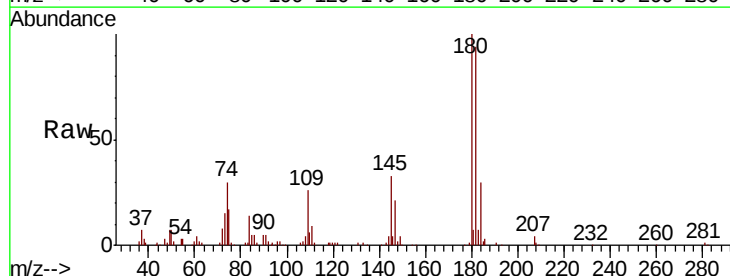
Tgt Ion:180 Resp: 121565

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 32.3 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

