

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056206.D
 Acq On : 11 Jun 2019 7:41
 Operator : JC/SP
 Sample : K3255-15MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 09:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	273324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	407110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	146092	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
35) Dibromofluoromethane	7.59	113	133004	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.09	98	488866	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	168939	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	143494	47.803	ug/l	98
3) Chloromethane	2.06	50	155794	52.582	ug/l	100
4) Vinyl Chloride	2.18	62	153247	51.564	ug/l	100
5) Bromomethane	2.53	94	91823	48.910	ug/l	100
6) Chloroethane	2.68	64	87433	50.740	ug/l	99
7) Trichlorofluoromethane	3.00	101	191765	50.543	ug/l	99
8) Diethyl Ether	3.40	74	77425	49.623	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115254	50.007	ug/l	99
10) Methyl Iodide	3.94	142	173446	47.356	ug/l	99
11) Tert butyl alcohol	4.81	59	131010	277.403	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	119758	52.193	ug/l	94
13) Acrolein	3.60	56	39800	292.202	ug/l	96
14) Allyl chloride	4.31	41	179064	49.422	ug/l	98
15) Acrylonitrile	4.99	53	342902	298.267	ug/l	100
16) Acetone	3.82	43	284642	219.299	ug/l	100
17) Carbon Disulfide	4.04	76	268259	48.829	ug/l	99
18) Methyl Acetate	4.33	43	126919	49.778	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	383415	52.423	ug/l	99
20) Methylene Chloride	4.54	84	139719	52.249	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	129407	52.637	ug/l	96
22) Diisopropyl ether	5.96	45	391651	52.293	ug/l	96
23) Vinyl Acetate	5.89	43	1295784	219.696	ug/l	99
24) 1,1-Dichloroethane	5.84	63	230375	53.324	ug/l	100
25) 2-Butanone	6.84	43	443150	270.224	ug/l	100
26) 2,2-Dichloropropane	6.82	77	79548	23.596	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	151139	52.300	ug/l	92
28) Bromochloromethane	7.19	49	111970	54.805	ug/l	96
29) Tetrahydrofuran	7.22	42	295072	291.082	ug/l	100
30) Chloroform	7.37	83	234985	54.068	ug/l	98
31) Cyclohexane	7.65	56	197418	45.843	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	193885	53.423	ug/l	100
36) 1,1-Dichloropropene	7.79	75	168958	48.266	ug/l	99
37) Ethyl Acetate	6.93	43	144802	46.490	ug/l	99
38) Carbon Tetrachloride	7.77	117	168621	52.248	ug/l	99

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

39) Methylcyclohexane	9.08	83	190094	43.592	ug/l	99
40) Benzene	8.04	78	536431	50.454	ug/l	100
41) Methacrylonitrile	7.18	41	83496	58.265	ug/l	98
42) 1,2-Dichloroethane	8.12	62	174470	51.015	ug/l	99
43) Isopropyl Acetate	8.17	43	238902	47.333	ug/l #	91
44) Trichloroethene	8.83	130	190429	62.332	ug/l	97
45) 1,2-Dichloropropane	9.12	63	142000	52.142	ug/l	99
46) Dibromomethane	9.21	93	95777	53.782	ug/l	98
47) Bromodichloromethane	9.40	83	178563	55.323	ug/l	99
48) Methyl methacrylate	9.20	41	133919	54.235	ug/l	96
49) 1,4-Dioxane	9.20	88	60848	1141.442	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	875176	277.281	ug/l	100
52) Toluene	10.16	92	334664	50.585	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	157374	41.991	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	184024	47.433	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139163	53.102	ug/l	98
56) Ethyl methacrylate	10.43	69	202684	53.013	ug/l	98
57) 1,3-Dichloropropane	10.71	76	225659	52.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.74	63	1237	15.642	ug/l #	46
59) 2-Hexanone	10.75	43	619224	270.687	ug/l	100
60) Dibromochloromethane	10.90	129	149960	51.791	ug/l	98
61) 1,2-Dibromoethane	11.00	107	144406	53.901	ug/l	98
64) Tetrachloroethene	10.63	164	147999	46.435	ug/l	99
65) Chlorobenzene	11.43	112	369911	50.479	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	139720	55.219	ug/l	99
67) Ethyl Benzene	11.51	91	625640	49.099	ug/l	99
68) m/p-Xylenes	11.62	106	483219	99.270	ug/l	98
69) o-Xylene	11.95	106	239620	50.044	ug/l	99
70) Styrene	11.96	104	398478	52.378	ug/l	99
71) Bromoform	12.13	173	112493	52.793	ug/l #	99
73) Isopropylbenzene	12.25	105	619361	51.830	ug/l	99
74) N-amyl acetate	12.07	43	179468	40.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	195844	50.236	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	214674	69.473	ug/l #	100
77) Bromobenzene	12.53	156	175354	48.772	ug/l	94
78) n-propylbenzene	12.59	91	653030	45.965	ug/l	99
79) 2-Chlorotoluene	12.67	91	407164	51.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	511995	45.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37296	40.195	ug/l	90
82) 4-Chlorotoluene	12.77	91	391866	47.146	ug/l	99
83) tert-Butylbenzene	12.99	119	455613	52.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	504465	47.114	ug/l	99
85) sec-Butylbenzene	13.17	105	574339	45.649	ug/l	100
86) p-Isopropyltoluene	13.29	119	514613	45.702	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	274500	49.329	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	263451	49.216	ug/l	99
89) n-Butylbenzene	13.61	91	362983	43.516	ug/l	100
90) Hexachloroethane	13.87	117	87134	51.312	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	278881	49.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31563	56.605	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

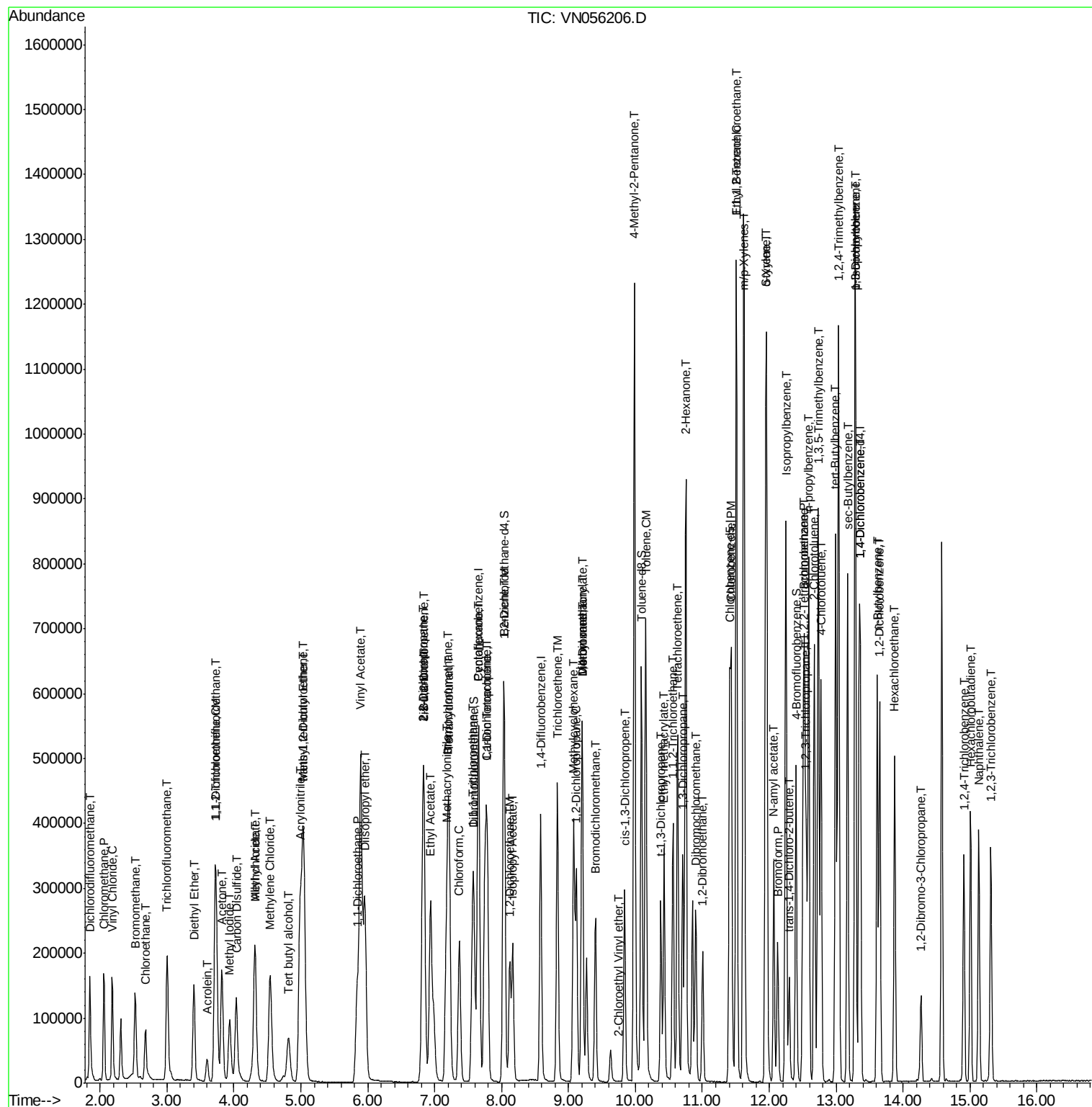
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	129153	42.424	ug/l	98
94) Hexachlorobutadiene	15.01	225	96426	50.044	ug/l	99
95) Naphthalene	15.13	128	351610	44.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	145999	46.499	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

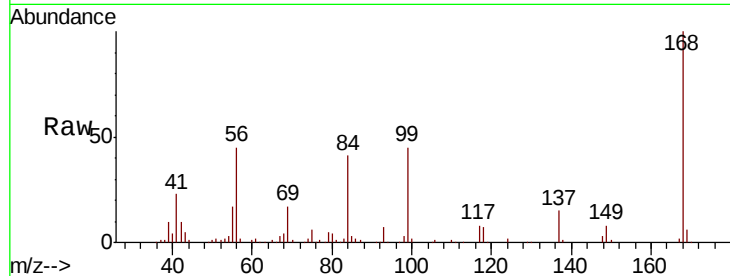
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 273324

Ion Ratio Lower Upper

168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

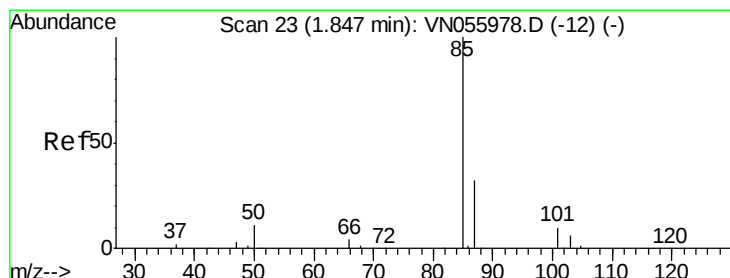
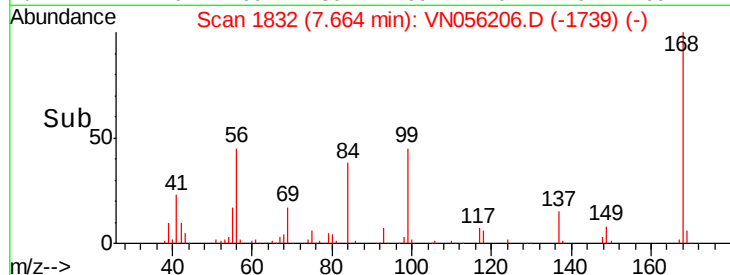
7.66

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 47.803 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056206.D

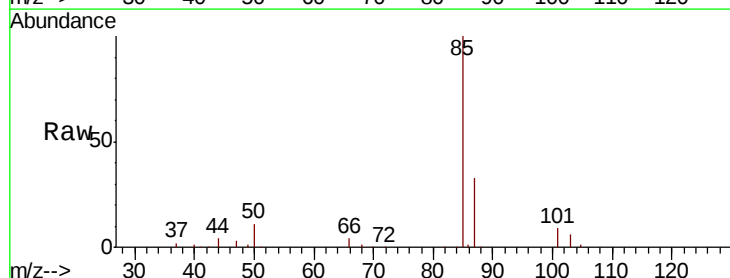
Acq: 11 Jun 2019 7:41

Tgt Ion: 85 Resp: 143494

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

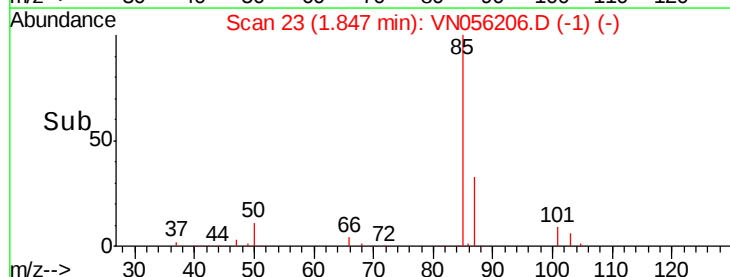
60000

40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.582 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

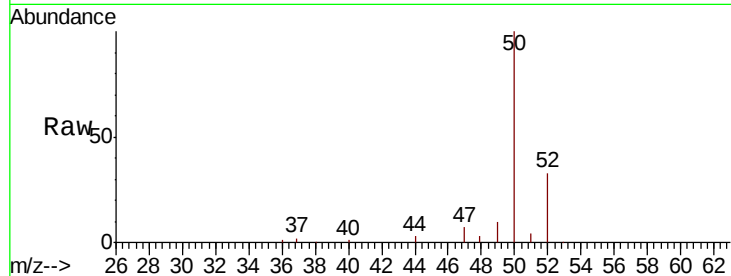
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 155794

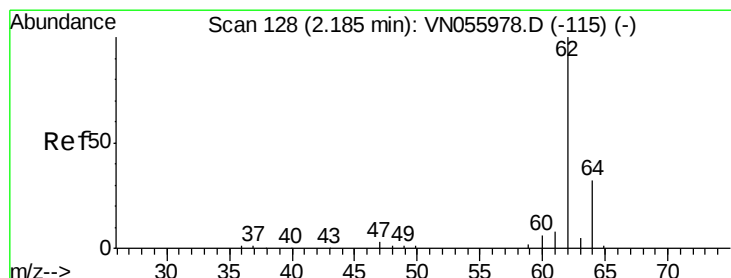
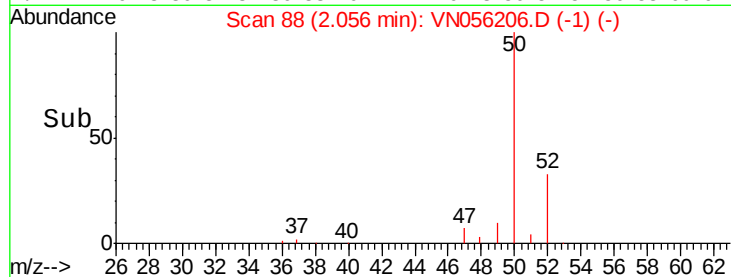
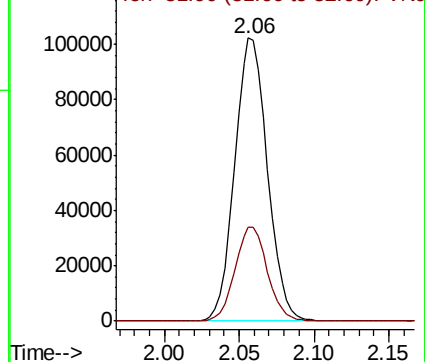
Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



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



#4

Vinyl Chloride

Concen: 51.564 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056206.D

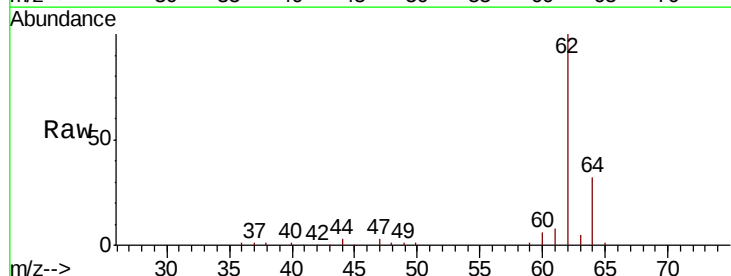
Acq: 11 Jun 2019 7:41

Tgt Ion: 62 Resp: 153247

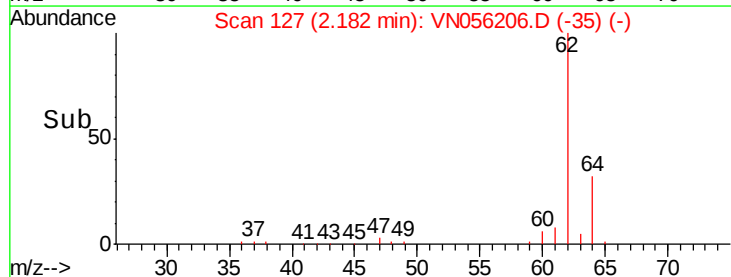
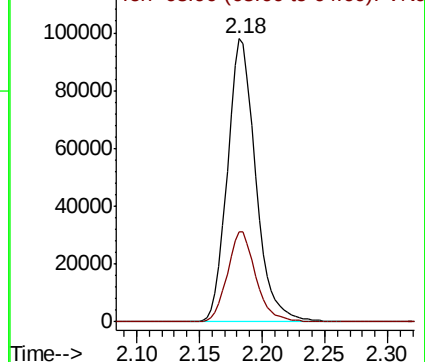
Ion Ratio Lower Upper

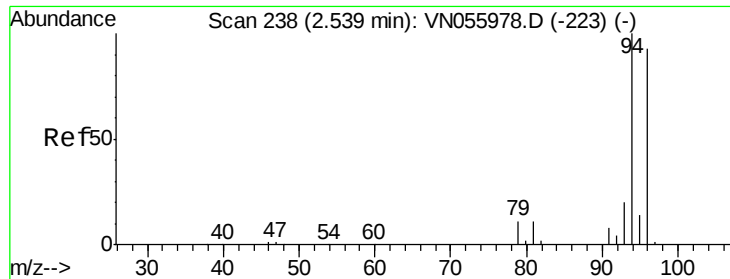
62 100

64 31.9 25.6 38.4



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

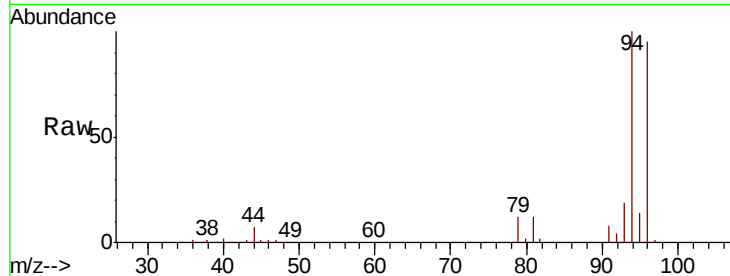




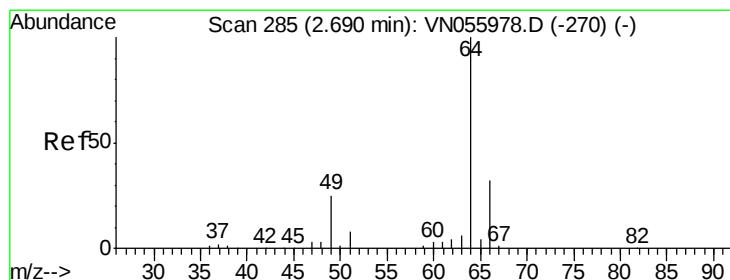
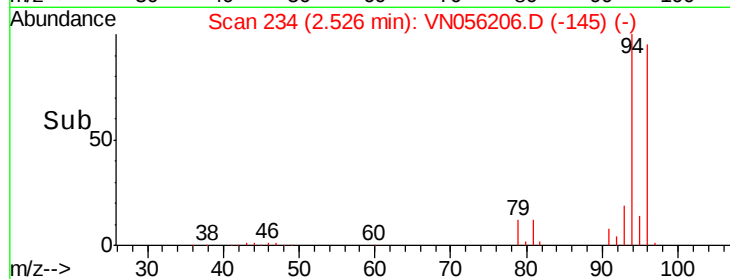
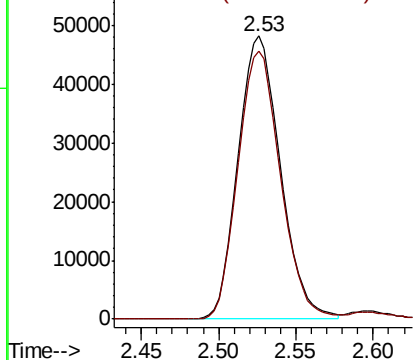
#5
Bromomethane
Concen: 48.910 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 91823
Ion Ratio Lower Upper
94 100
96 94.9 75.5 113.3

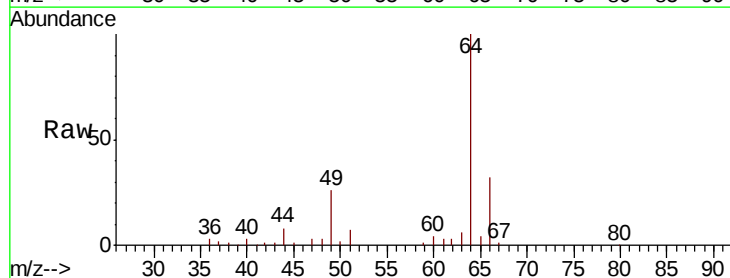


Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO

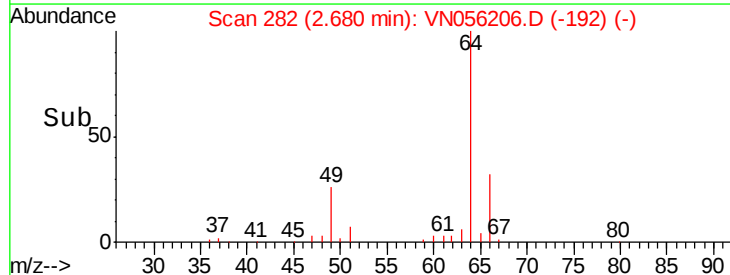
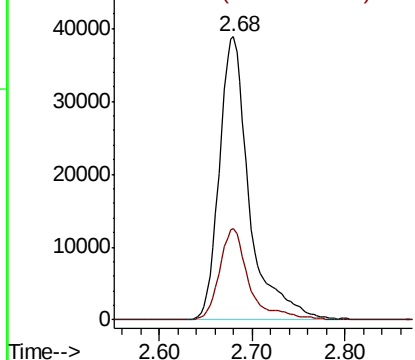


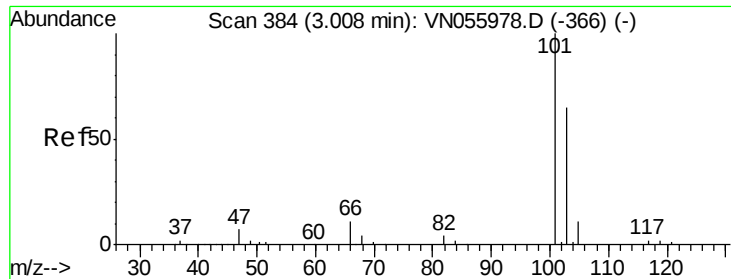
#6
Chloroethane
Concen: 50.740 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 64 Resp: 87433
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



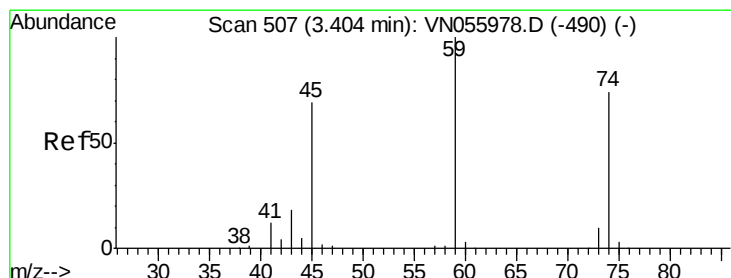
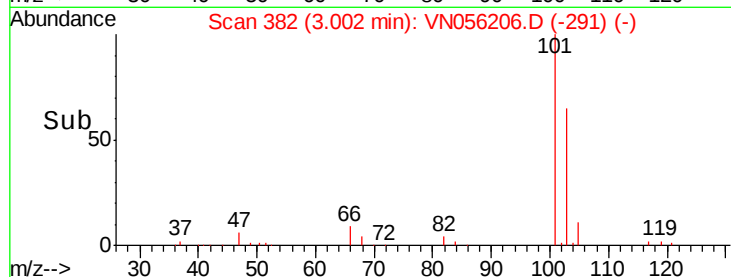
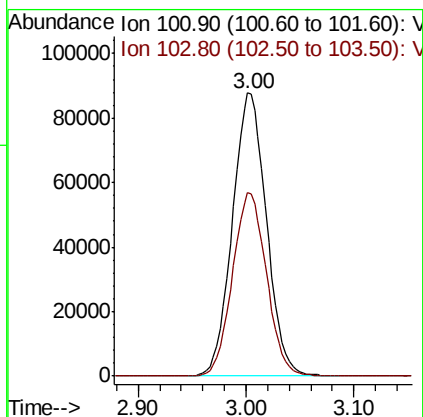
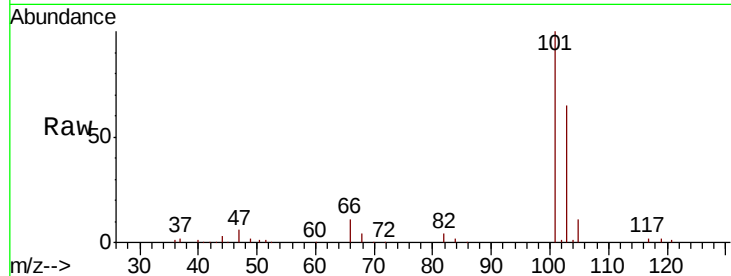


#7

Trichlorofluoromethane
 Concen: 50.543 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
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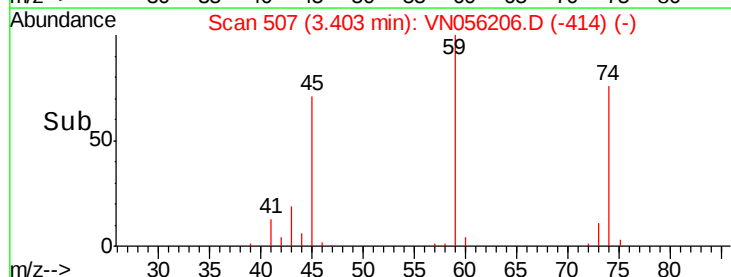
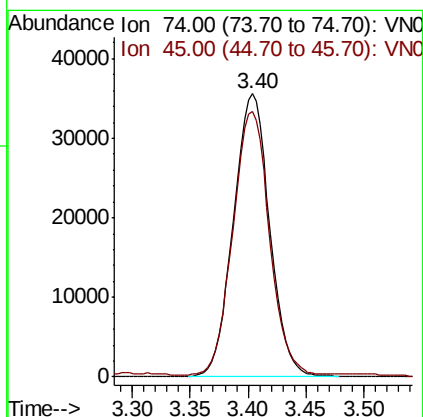
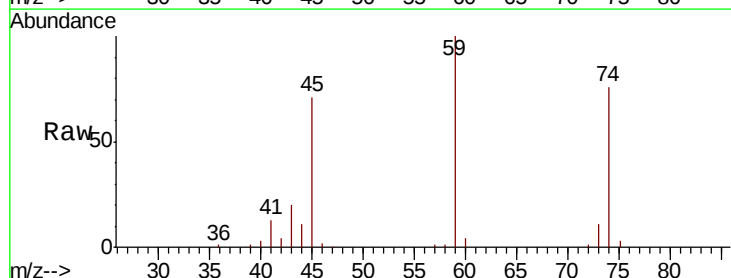
Tot Ion:101 Resp: 191765
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

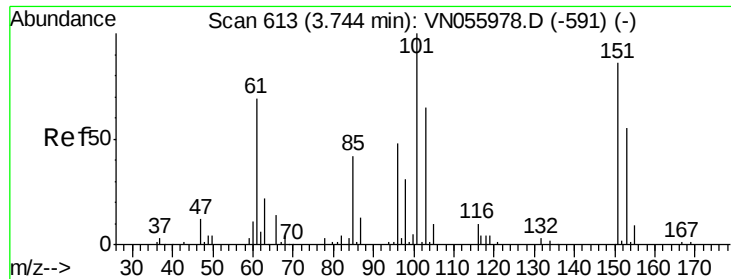


#8

Diethyl Ether
 Concen: 49.623 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 74 Resp: 77425
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.007 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampled :

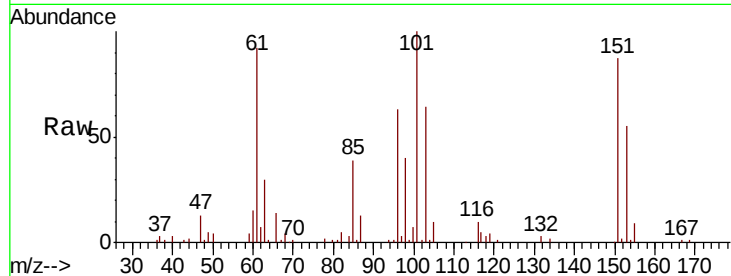
Tot Ion:101 Resp: 115254

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

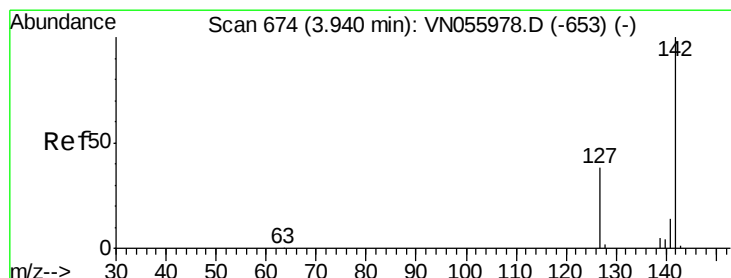
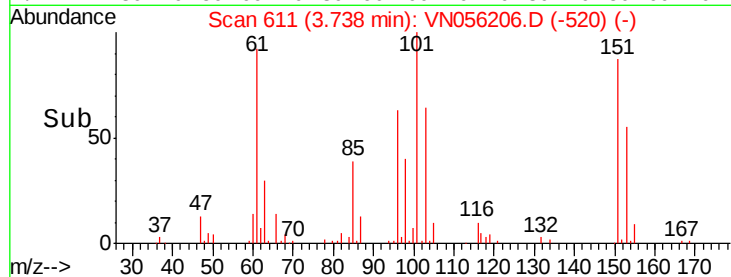
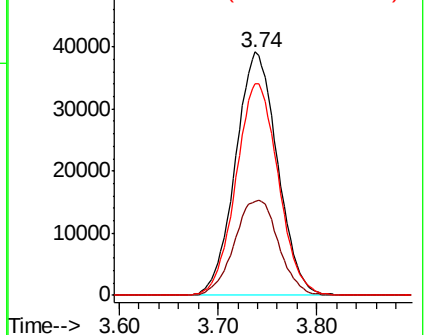
151 87.7 69.4 104.2



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: 47.356 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

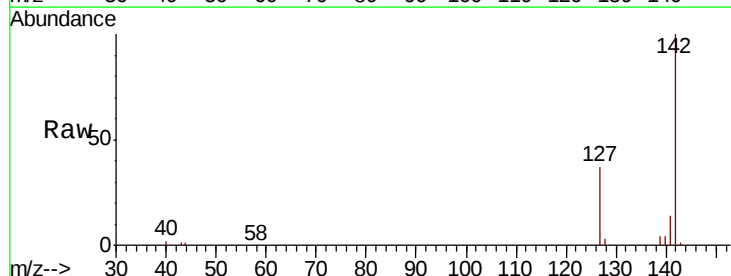
Tgt Ion:142 Resp: 173446

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

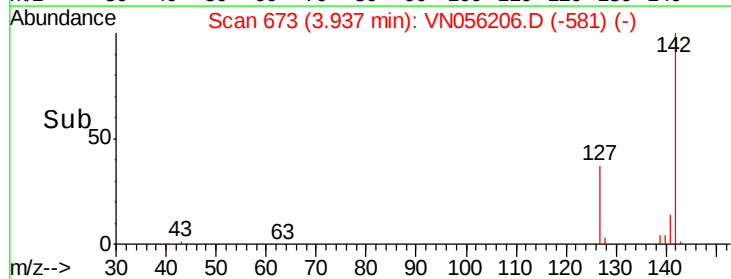
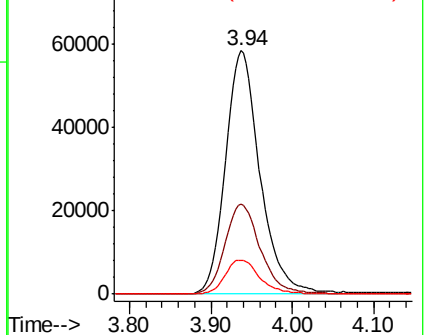
141 14.0 11.4 17.0

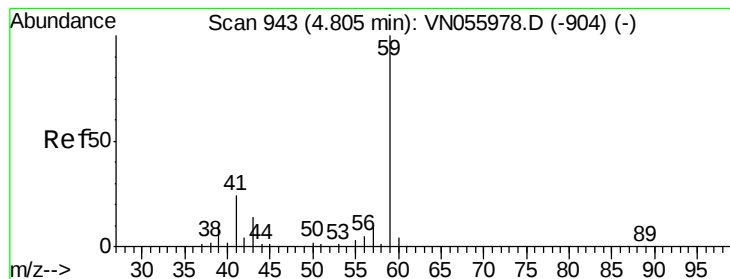


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



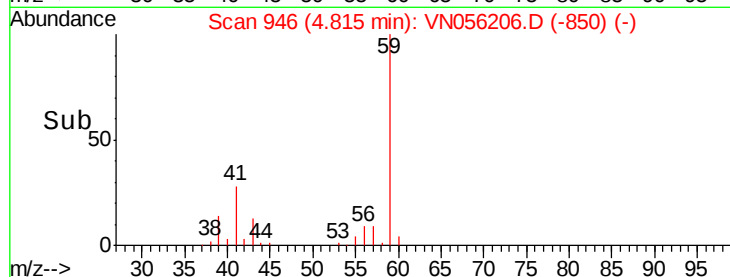
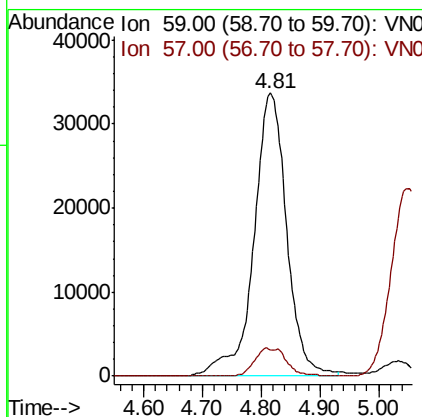
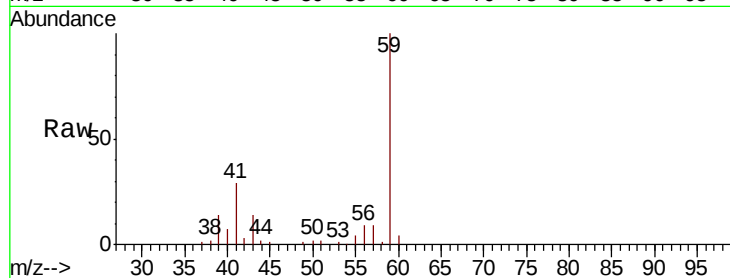


#11

Tert butyl alcohol
Concen: 277.403 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :

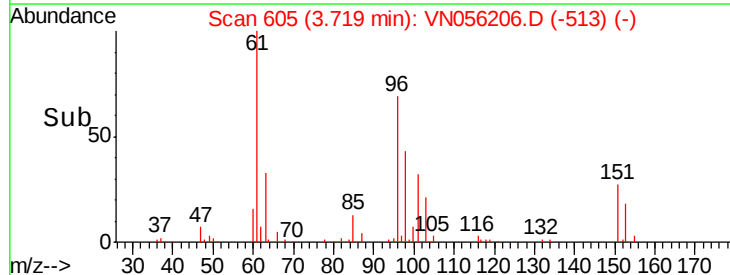
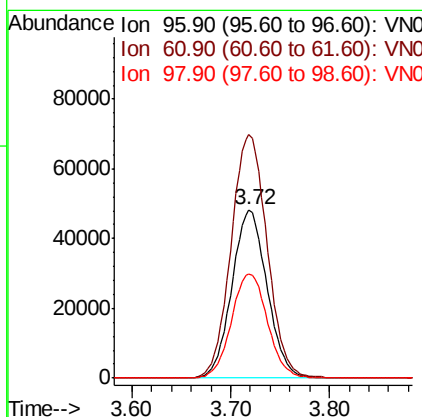
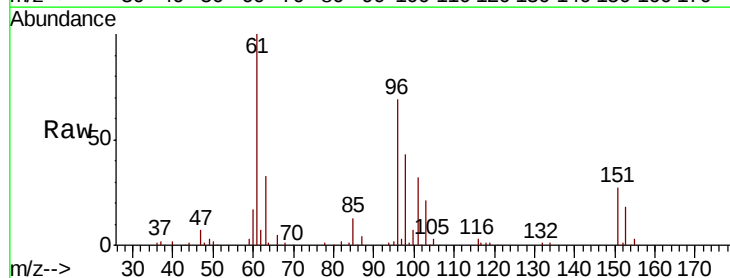
Tot Ion: 59 Resp: 131010
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6#

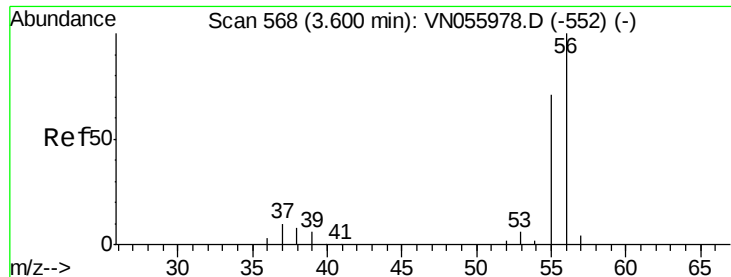


#12

1,1-Dichloroethene
Concen: 52.193 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 96 Resp: 119758
Ion Ratio Lower Upper
96 100
61 144.4 123.2 184.8
98 62.1 50.4 75.6





#13

Acrolein

Concen: 292.202 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

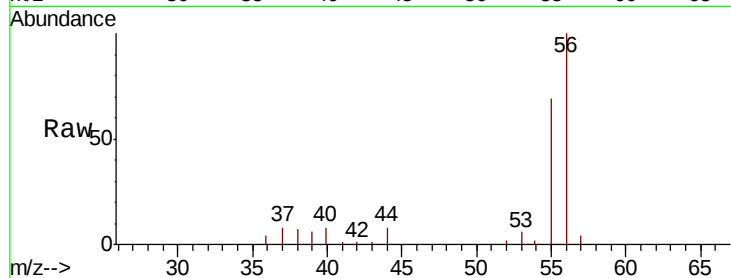
ClientSampled :

Tot Ion: 56 Resp: 39800

Ion Ratio Lower Upper

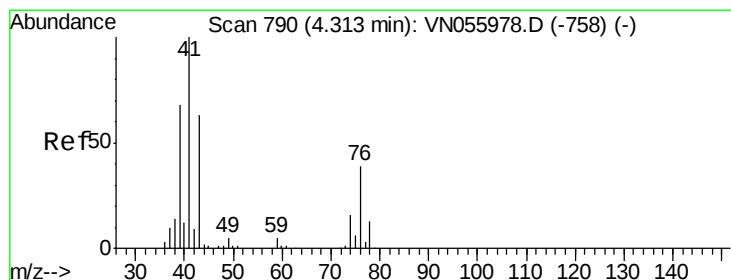
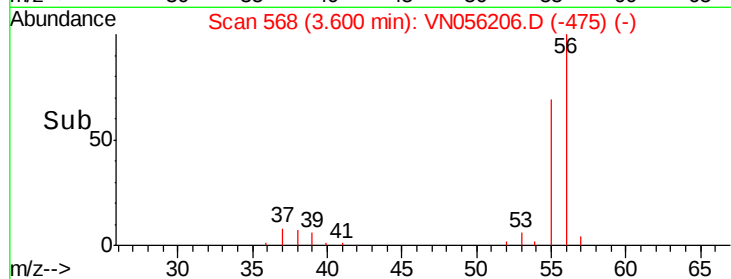
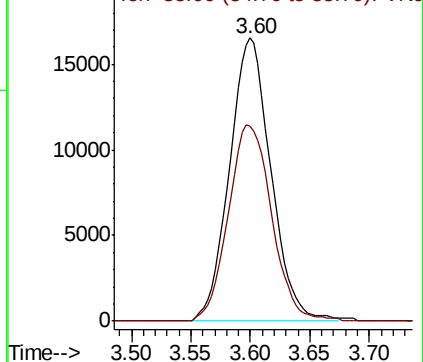
56 100

55 72.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.422 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

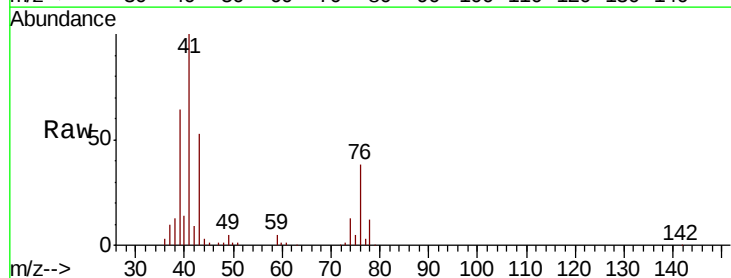
Tgt Ion: 41 Resp: 179064

Ion Ratio Lower Upper

41 100

39 60.5 50.0 75.0

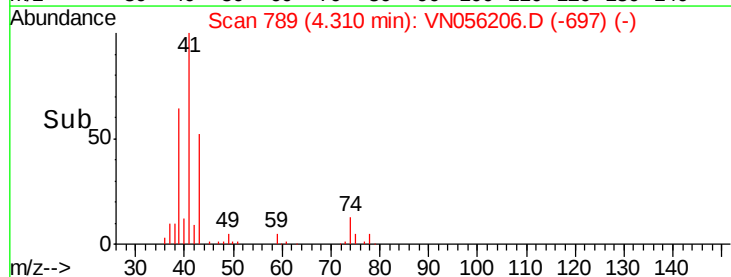
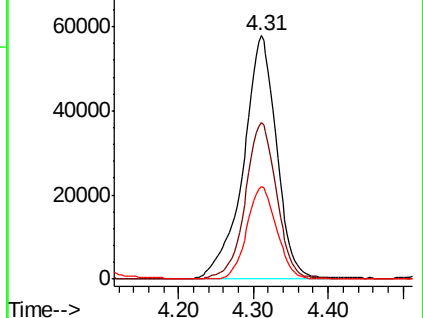
76 33.8 28.2 42.2

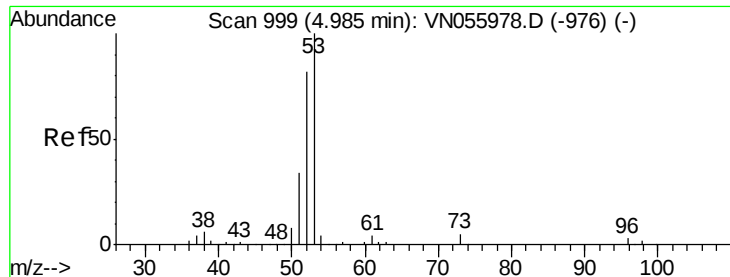


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 298.267 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampled :

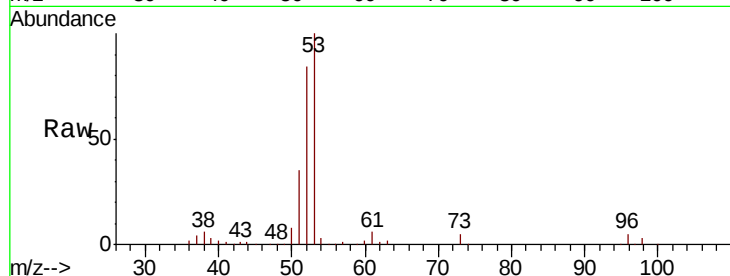
Tot Ion: 53 Resp: 342902

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

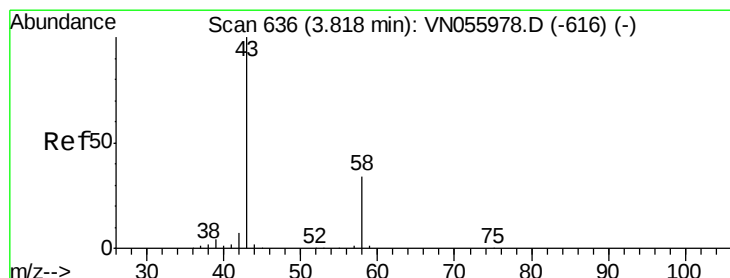
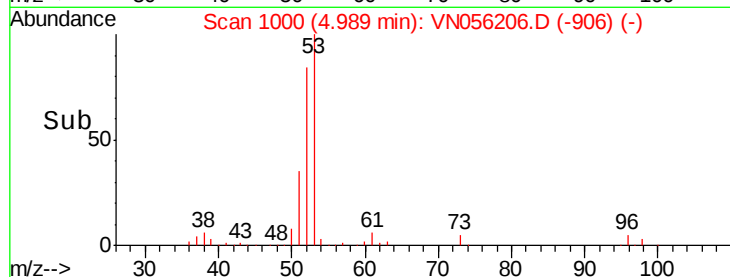
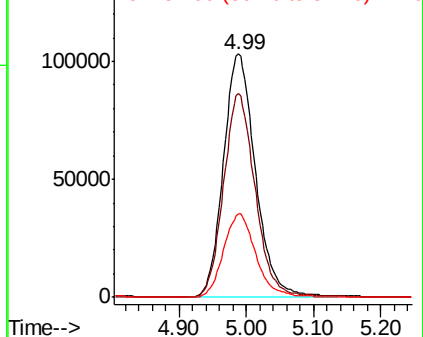
51 34.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 219.299 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056206.D

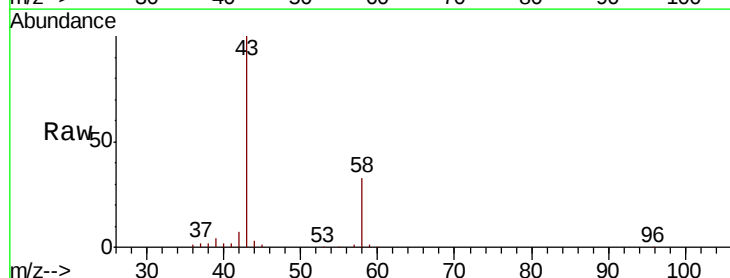
Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 284642

Ion Ratio Lower Upper

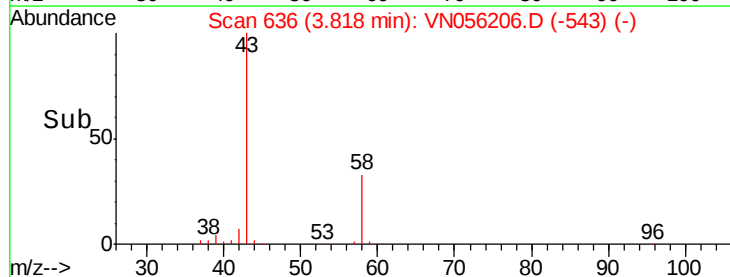
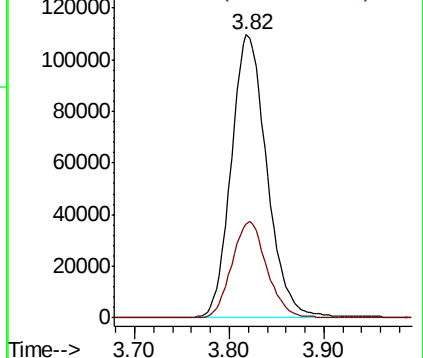
43 100

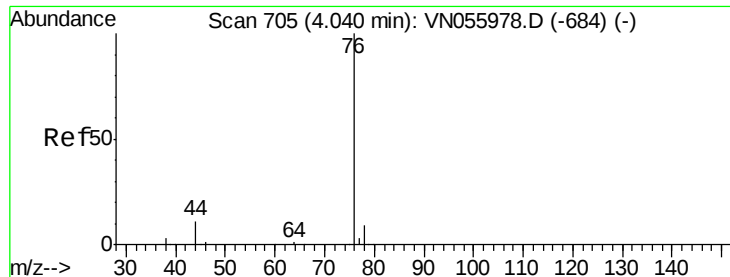
58 33.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

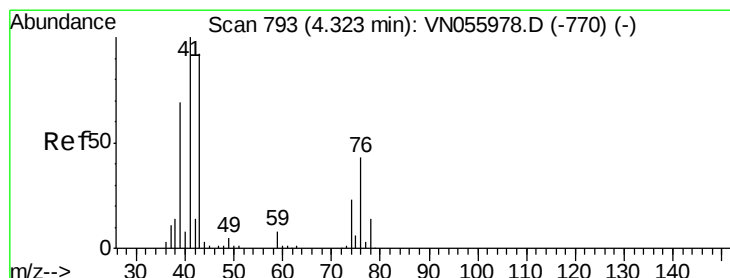
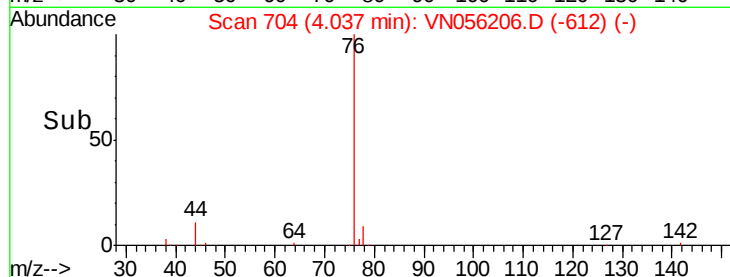
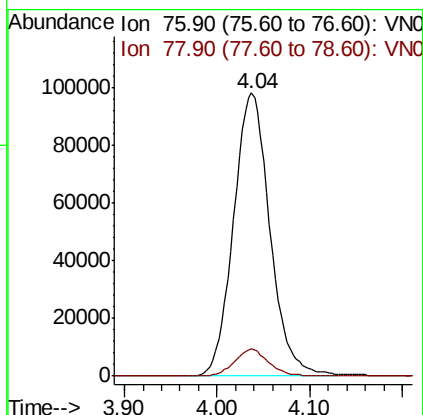
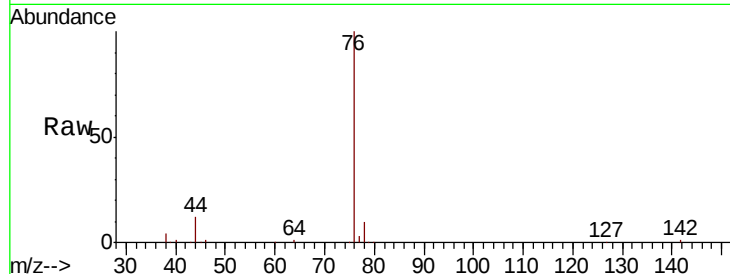




#17
Carbon Disulfide
Concen: 48.829 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

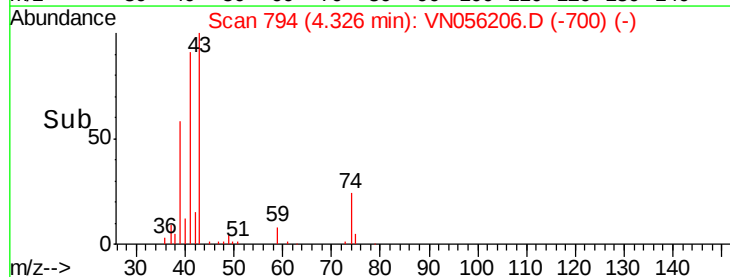
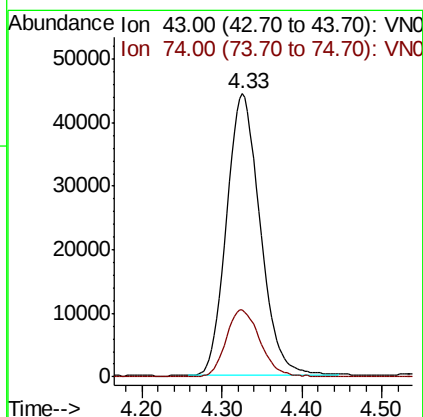
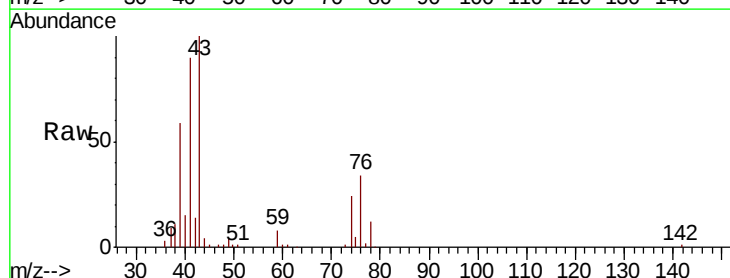
Instrument :
MSVOA_N
ClientSampled :

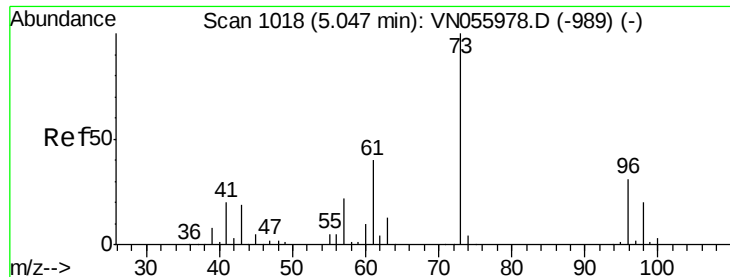
Tot Ion: 76 Resp: 268259
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 49.778 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 126919
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9

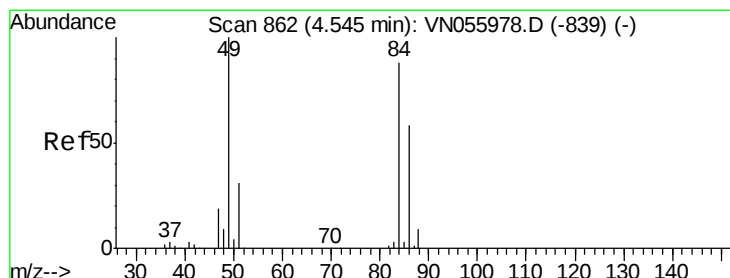
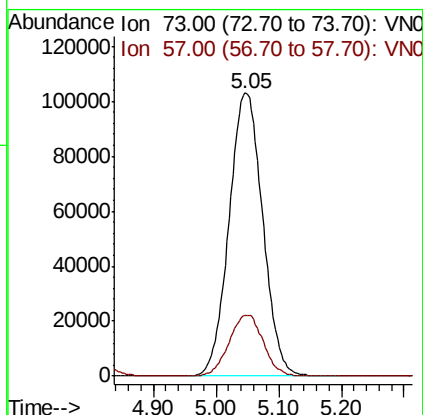
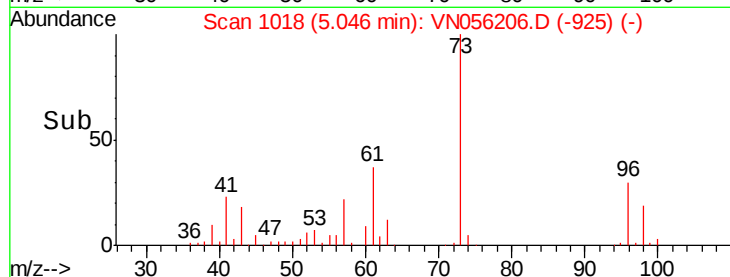
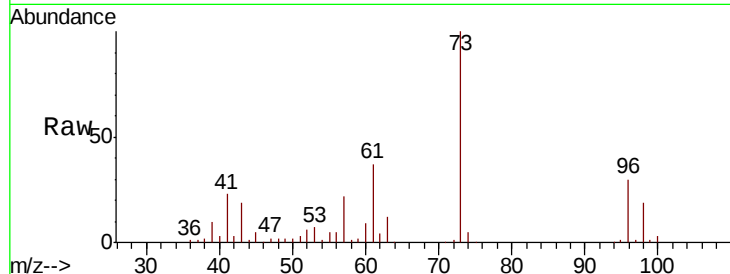




#19
Methyl tert-butyl Ether
Concen: 52.423 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

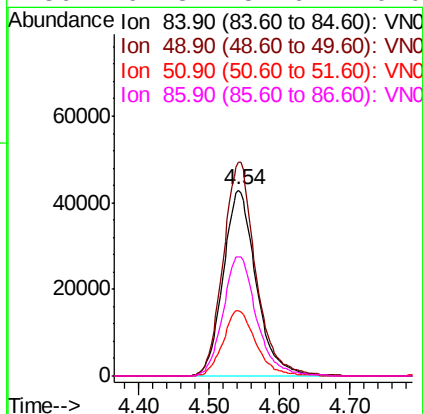
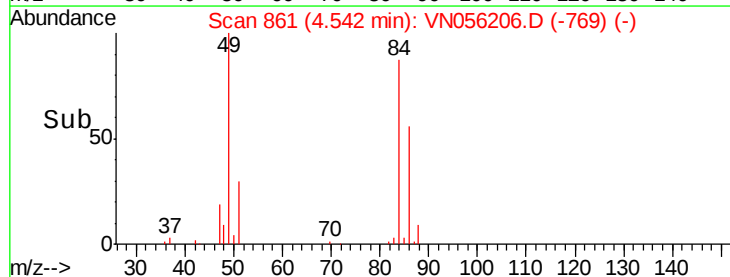
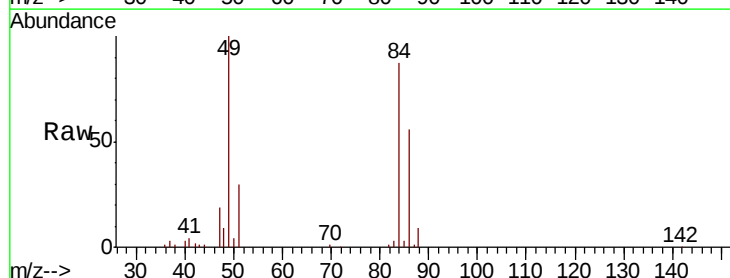
Instrument :
MSVOA_N
ClientSampled :

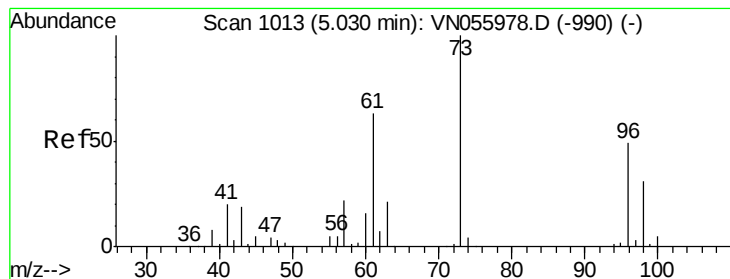
Tot Ion: 73 Resp: 383415
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 52.249 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 84 Resp: 139719
Ion Ratio Lower Upper
84 100
49 114.9 93.5 140.3
51 34.8 28.6 43.0
86 64.3 52.6 79.0



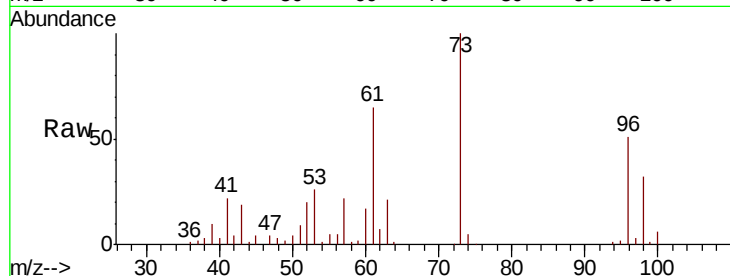


#21

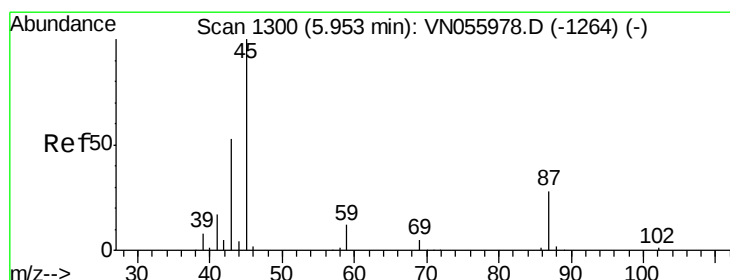
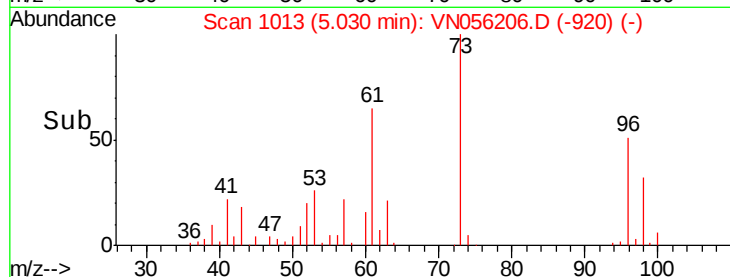
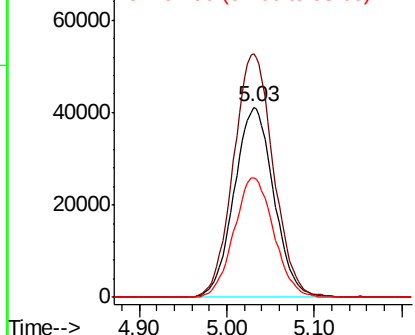
trans-1,2-Dichloroethene
Concen: 52.637 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	107.8	161.8
98	63.1	49.8	74.8



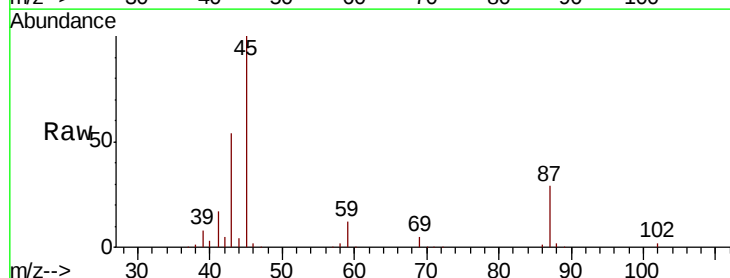
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



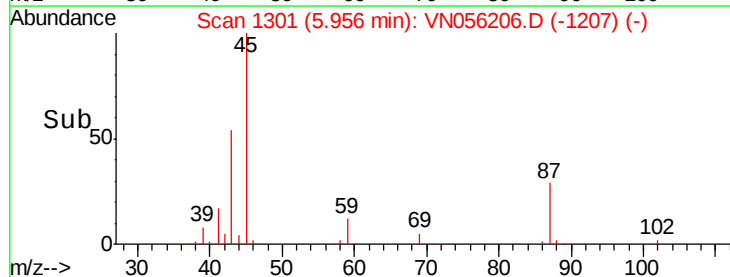
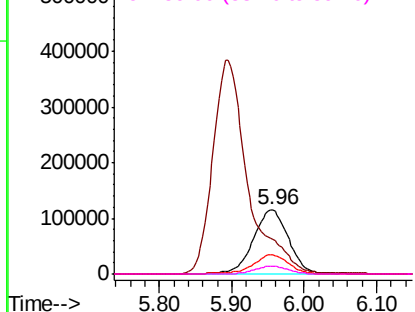
#22

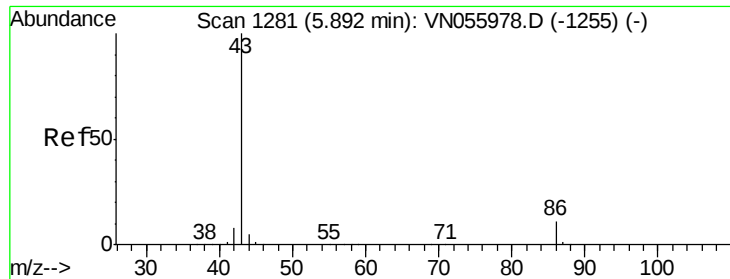
Diisopropyl ether
Concen: 52.293 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.4	45.0	67.6
87	29.0	22.2	33.4
59	12.0	9.1	13.7



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

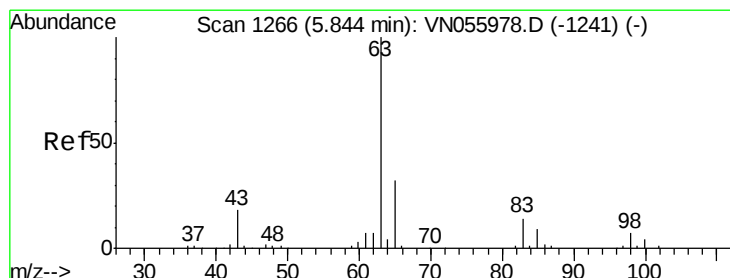
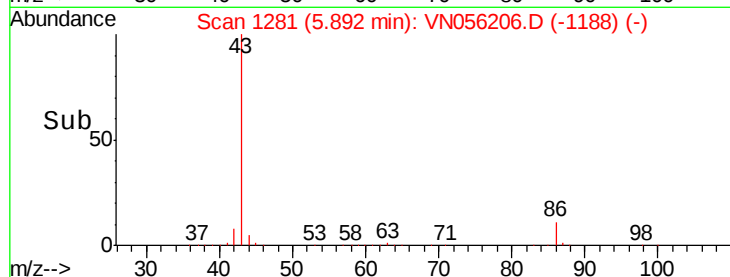
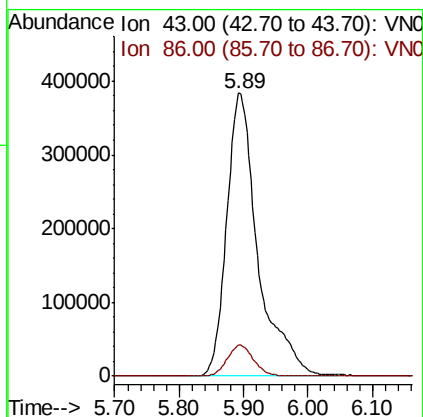
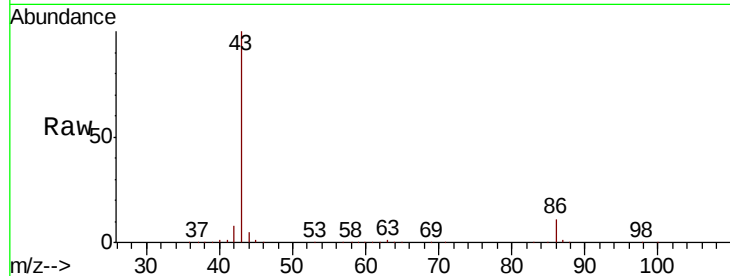




#23
 Vinyl Acetate
 Concen: 219.696 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

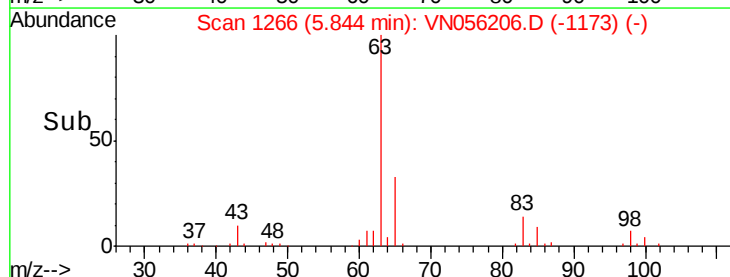
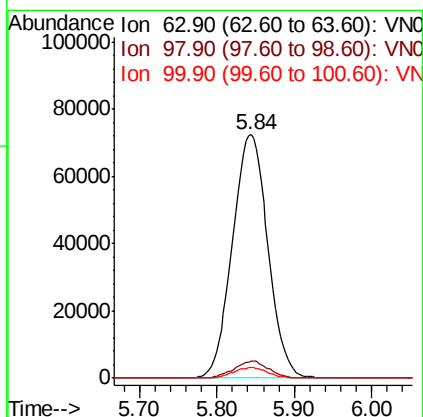
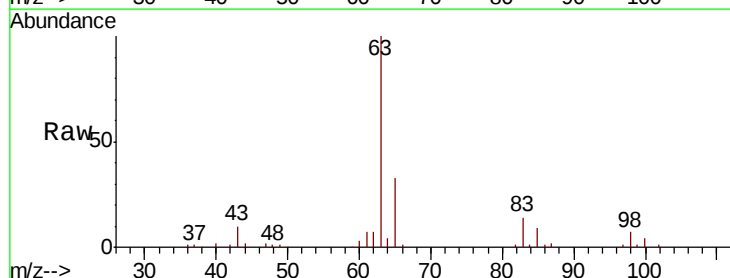
Instrument :
 MSVOA_N
 ClientSampled :

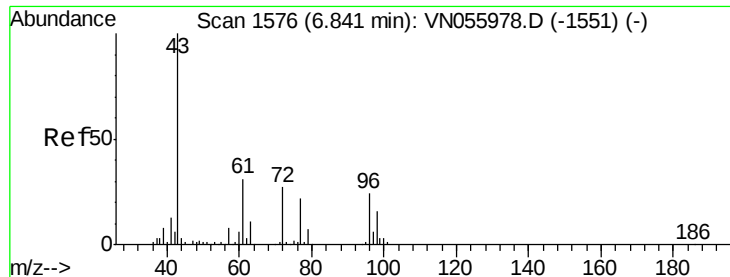
Tot Ion: 43 Resp: 1295784
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.324 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 63 Resp: 230375
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 270.224 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

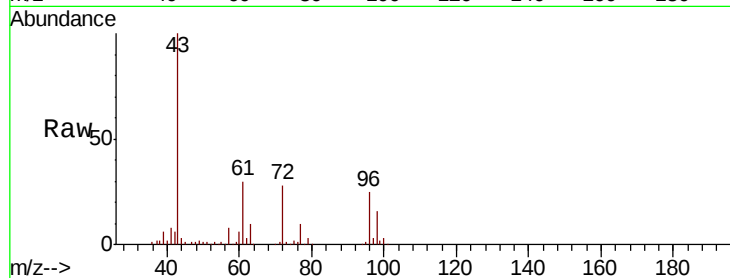
ClientSampleId :

Tot Ion: 43 Resp: 443150

Ion Ratio Lower Upper

43 100

72 27.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055978.D (-1551) (-)

6.84

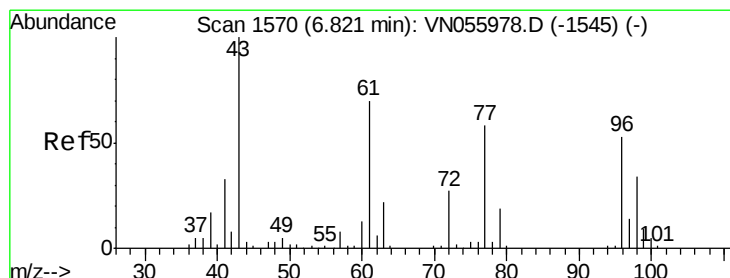
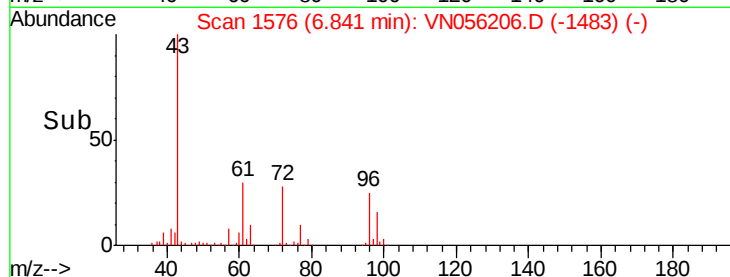
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 23.596 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056206.D

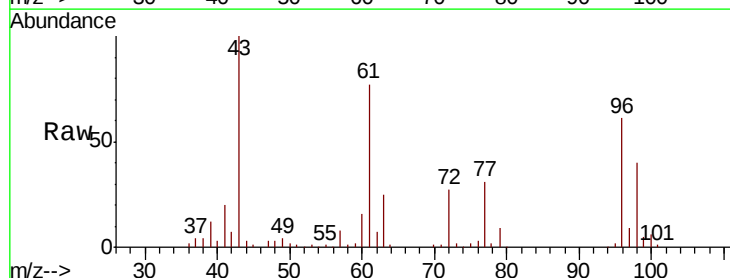
Acq: 11 Jun 2019 7:41

Tgt Ion: 77 Resp: 79548

Ion Ratio Lower Upper

77 100

97 29.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN055978.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN055978.D (-1545) (-)

6.82

30000

25000

20000

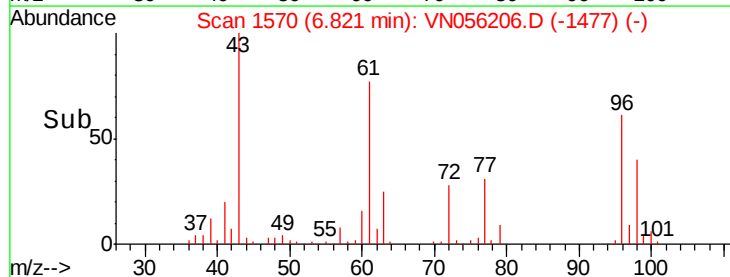
15000

10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.300 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

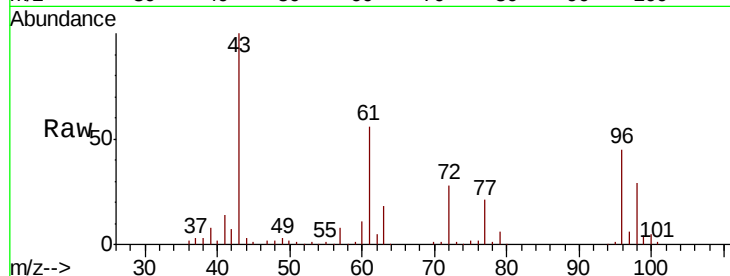
Tot Ion: 96 Resp: 151139

Ion Ratio Lower Upper

96 100

61 124.1 0.0 275.8

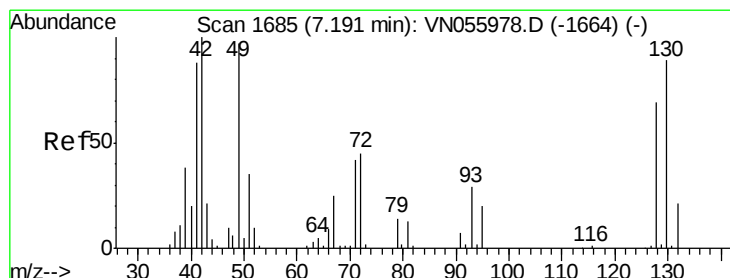
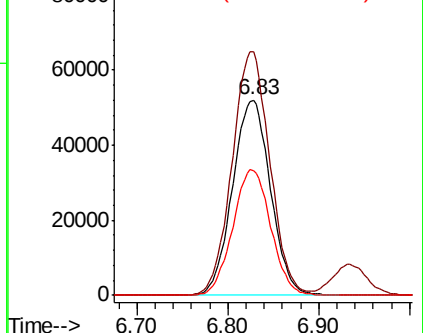
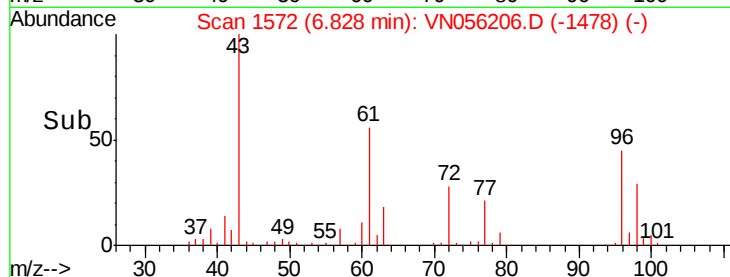
98 64.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.805 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

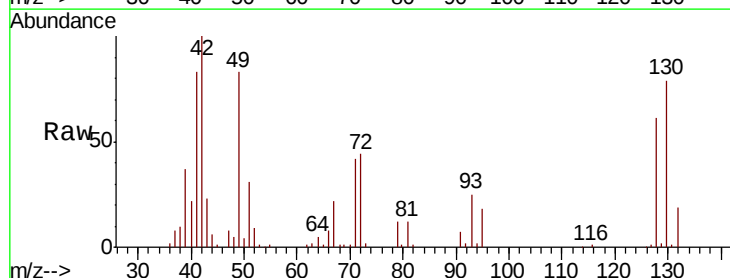
Tgt Ion: 49 Resp: 111970

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

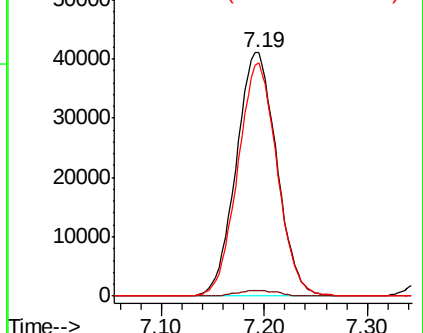
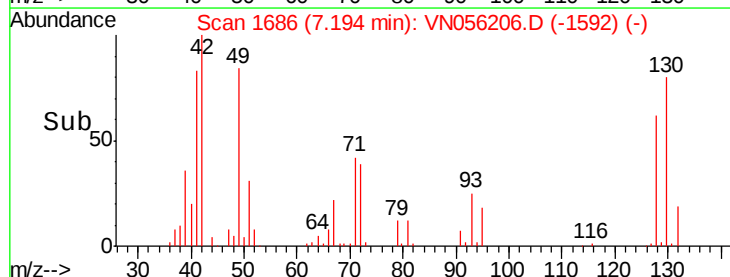
130 92.9 71.2 106.8

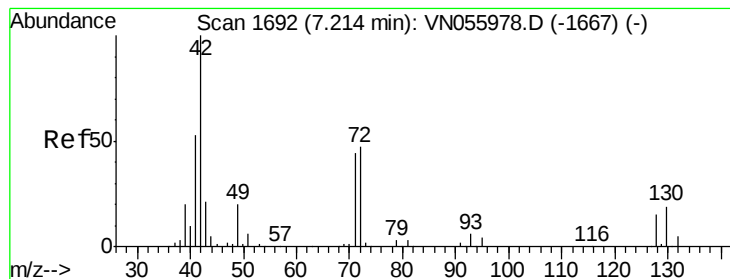


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 291.082 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

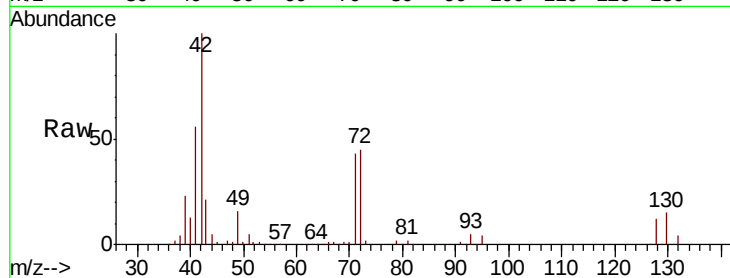
Tot Ion: 42 Resp: 295072

Ion Ratio Lower Upper

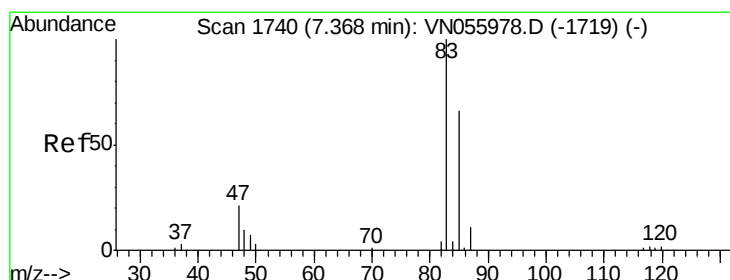
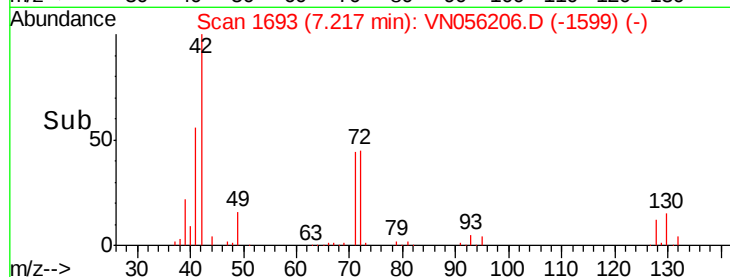
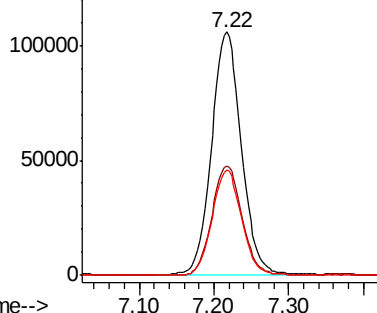
42 100

72 45.2 35.9 53.9

71 42.5 34.0 51.0



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



#30

Chloroform

Concen: 54.068 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056206.D

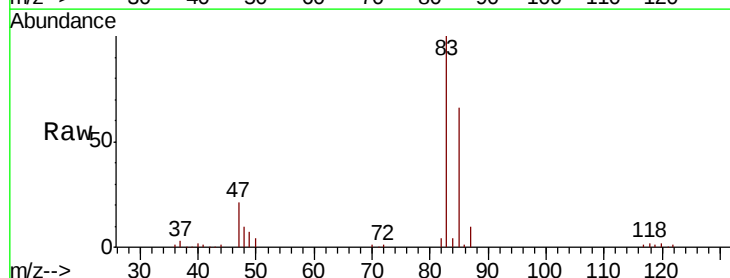
Acq: 11 Jun 2019 7:41

Tgt Ion: 83 Resp: 234985

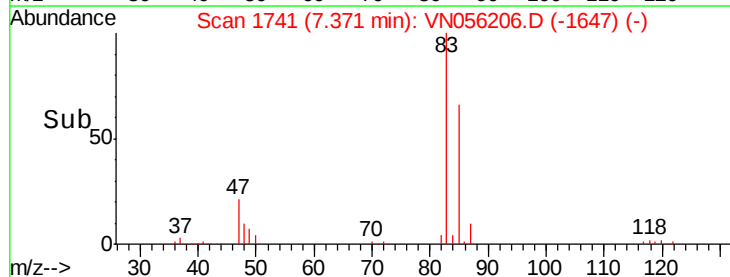
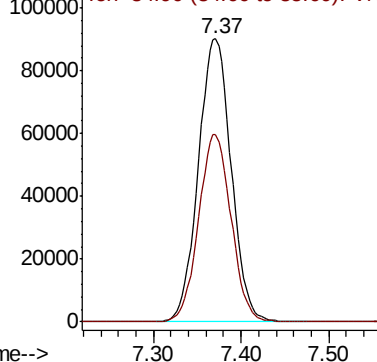
Ion Ratio Lower Upper

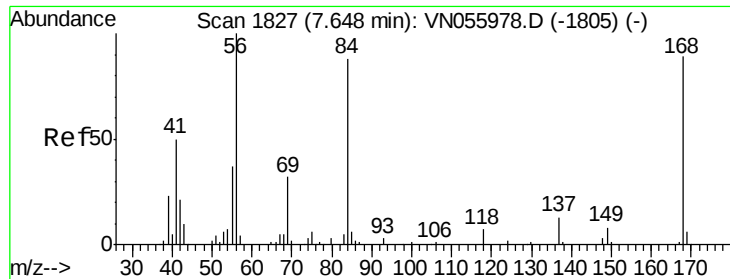
83 100

85 66.0 51.8 77.8



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

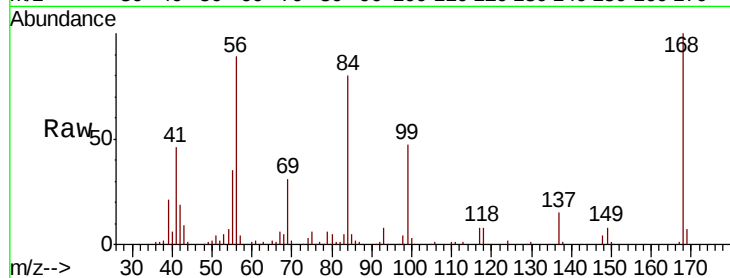




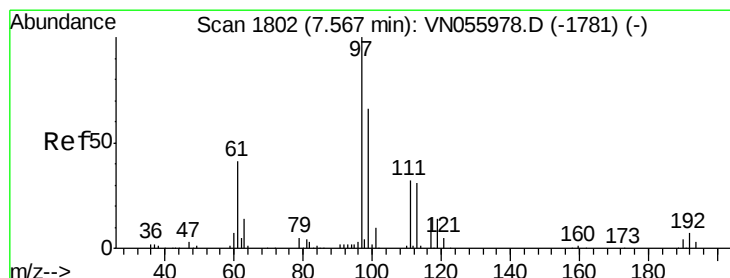
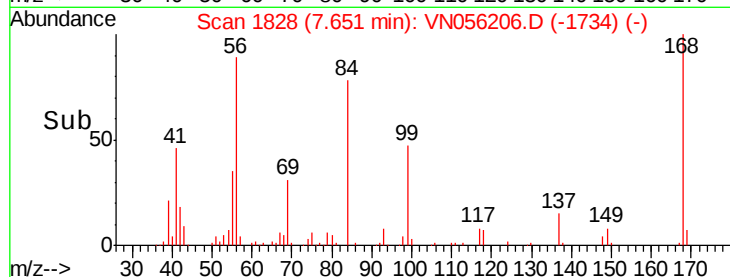
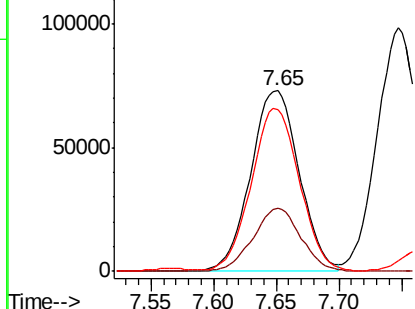
#31
Cyclohexane
Concen: 45.843 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 197418
Ion Ratio Lower Upper
56 100
69 34.8 25.6 38.4
84 88.2 67.4 101.0

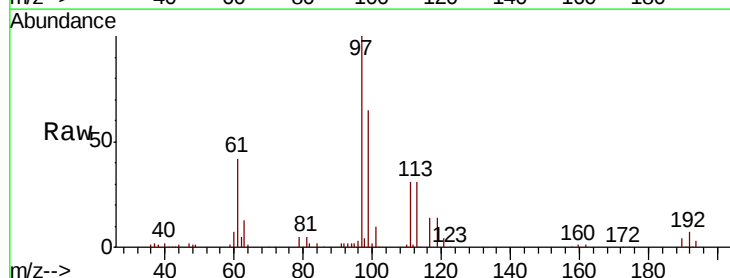


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

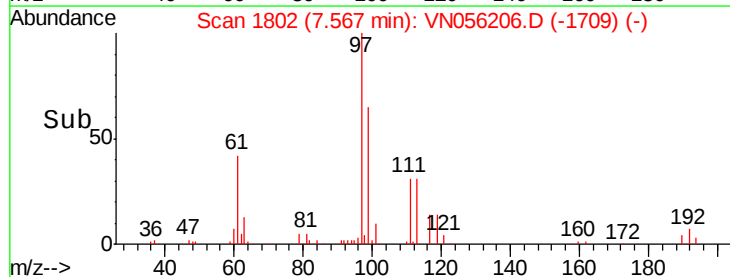
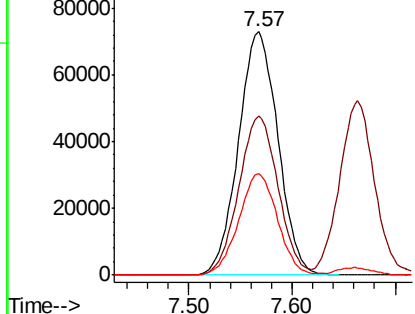


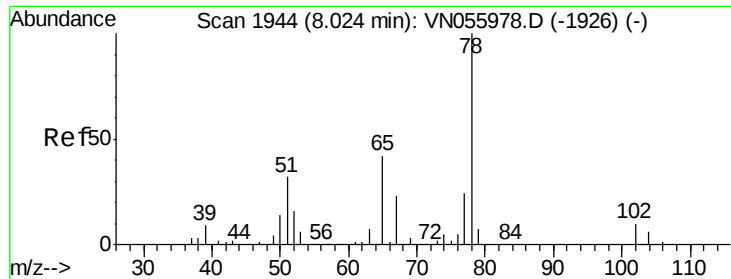
#32
1,1,1-Trichloroethane
Concen: 53.423 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 97 Resp: 193885
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 41.0 32.9 49.3



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

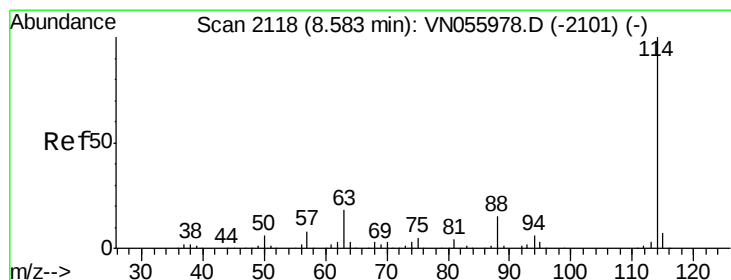
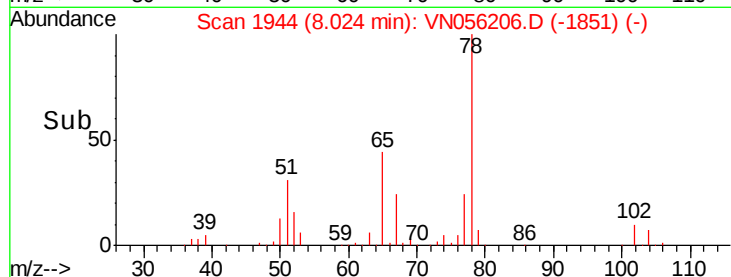
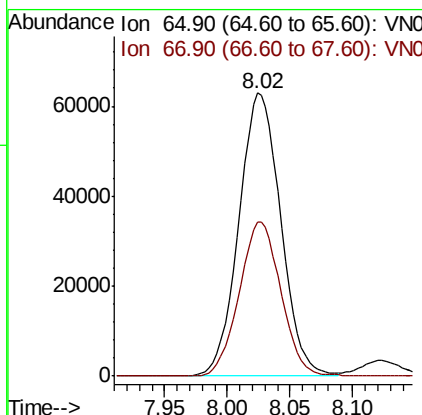
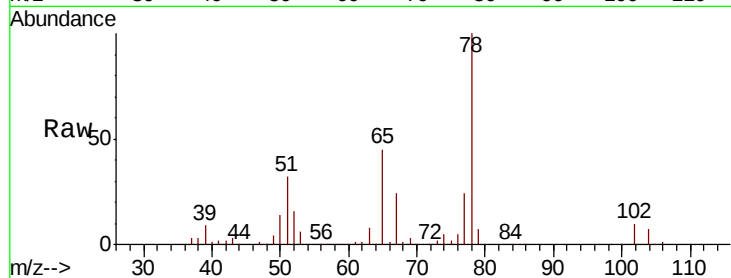




#33
 1,2-Dichloroethane-d4
 Concen: 53.832 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

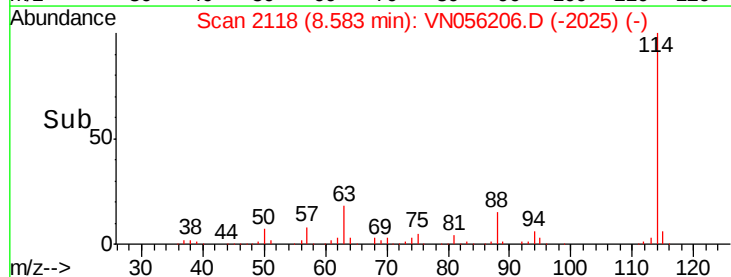
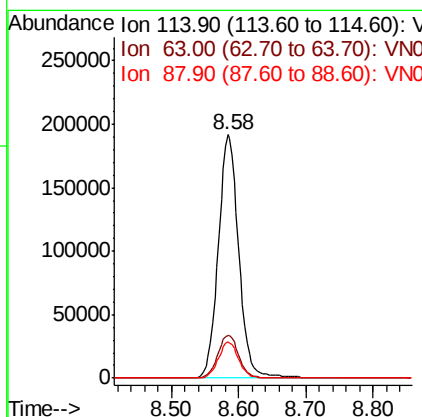
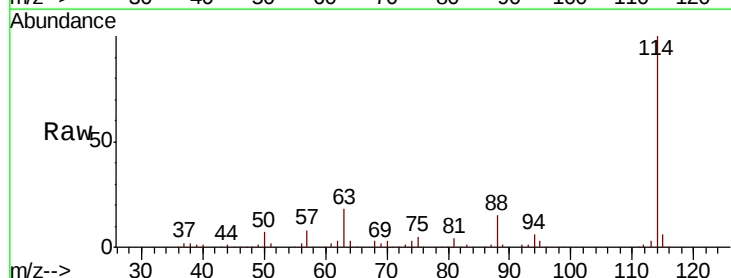
Instrument :
 MSVOA_N
 ClientSampled :

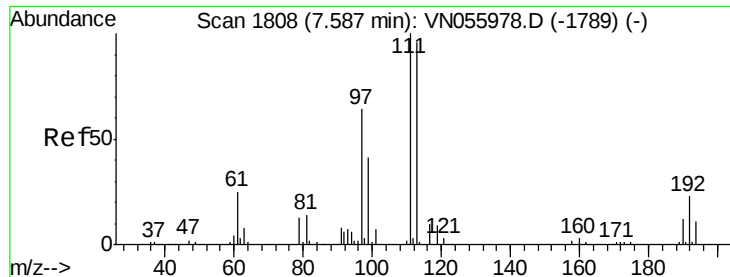
Tot Ion: 65 Resp: 146092
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 114 Resp: 407110
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.2
 88 14.8 0.0 31.0

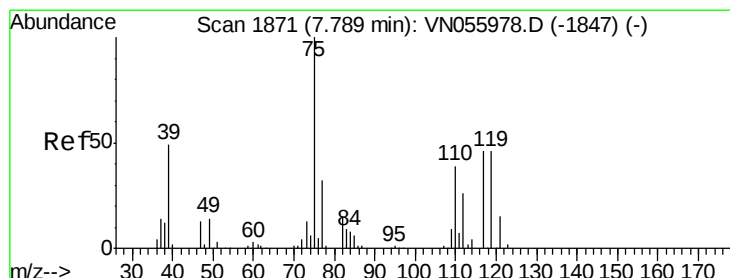
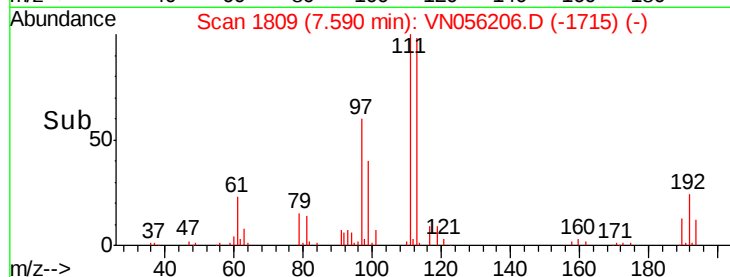
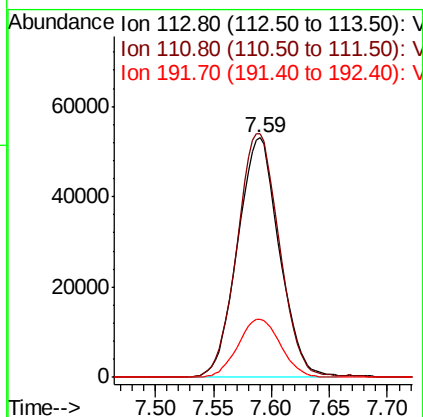
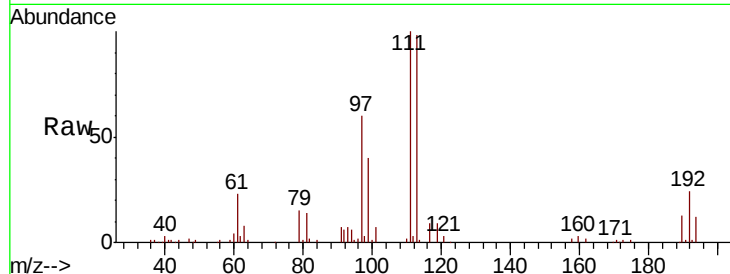




#35
 Dibromofluoromethane
 Concen: 53.249 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

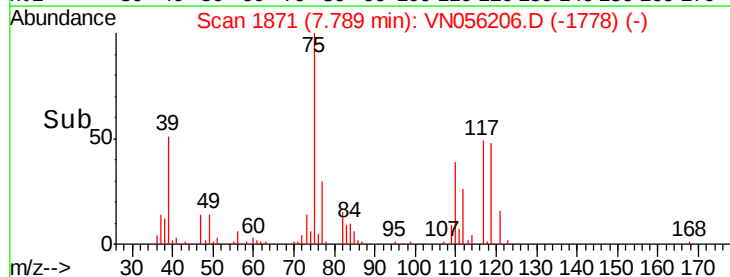
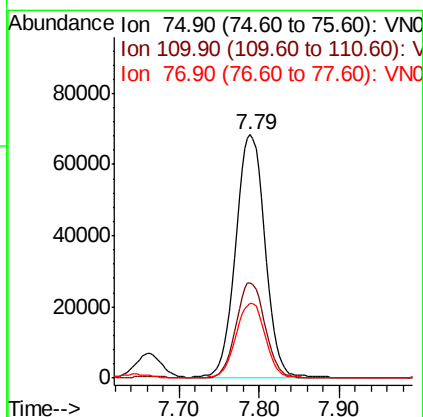
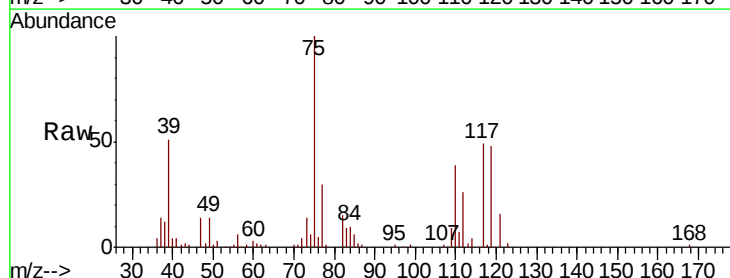
Instrument :
 MSVOA_N
 ClientSampleId :

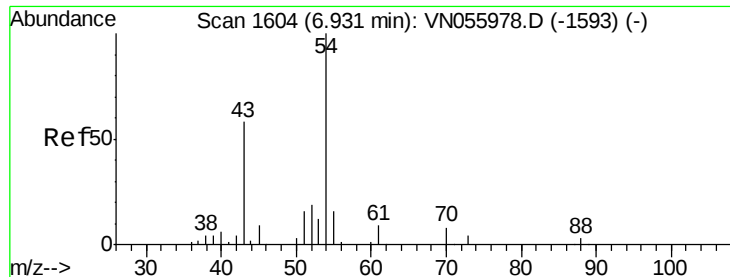
Tot Ion:113 Resp: 133004
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 24.7 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 48.266 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 168958
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.0 57.0
 77 30.9 25.1 37.7

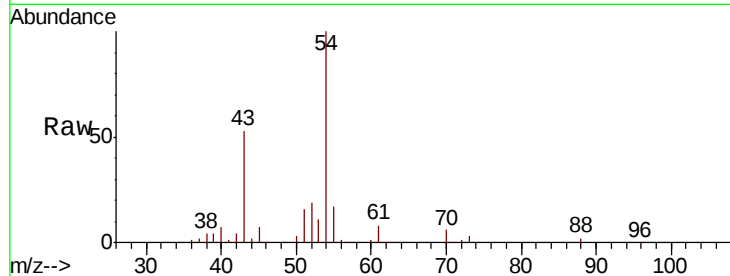




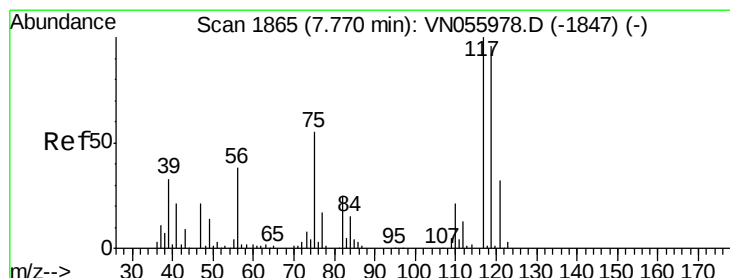
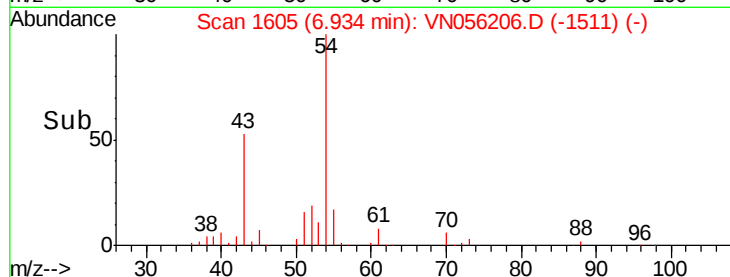
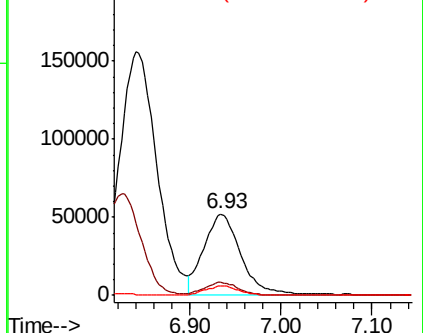
#37
Ethyl Acetate
Concen: 46.490 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 144802
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 11.0 8.9 13.3

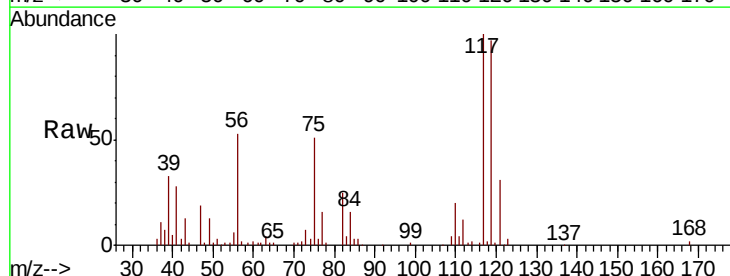


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

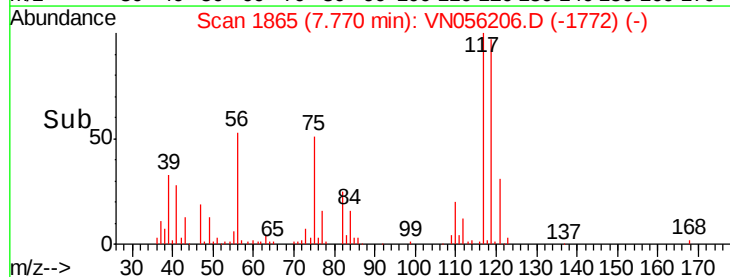
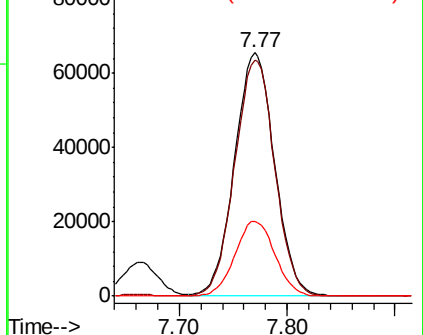


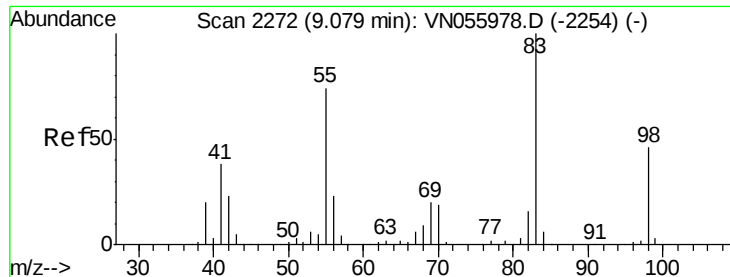
#38
Carbon Tetrachloride
Concen: 52.248 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 117 Resp: 168621
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.6
121 30.7 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

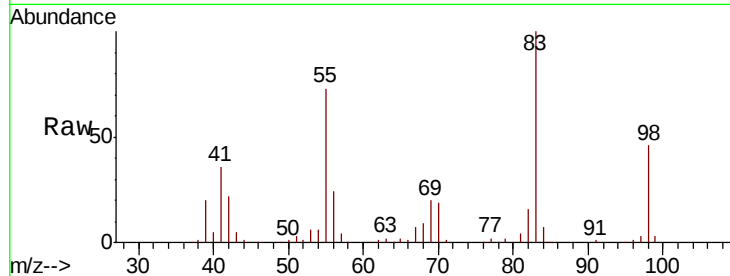




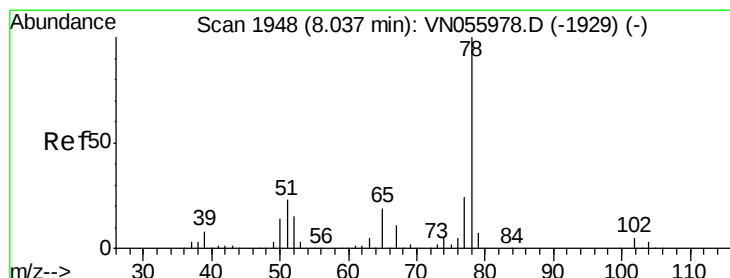
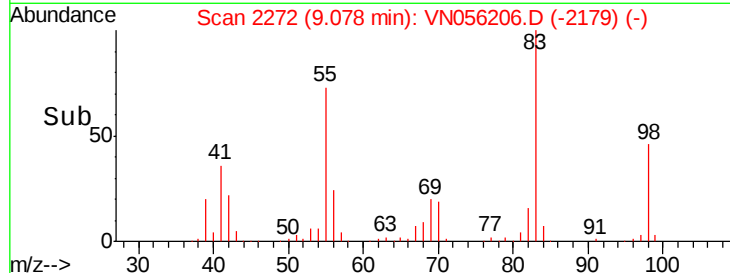
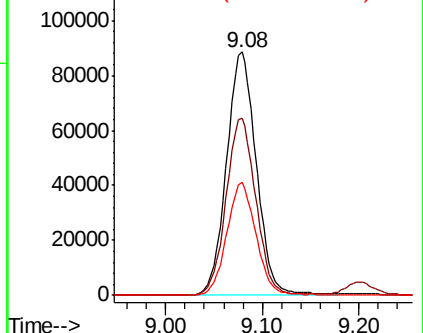
#39
Methvlcvclohexane
Concen: 43.592 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 190094
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 46.2 36.6 54.8

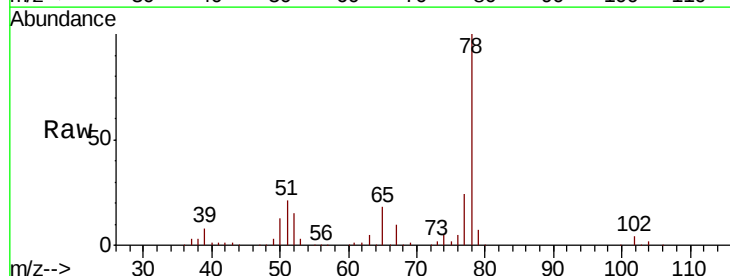


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

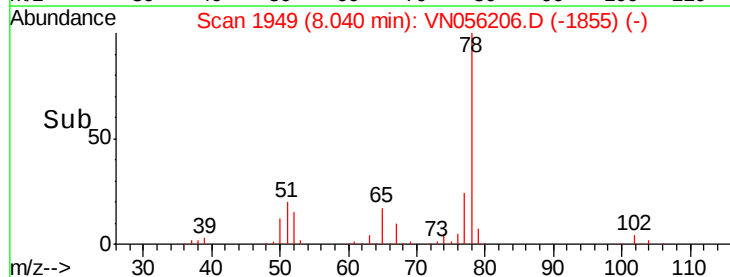
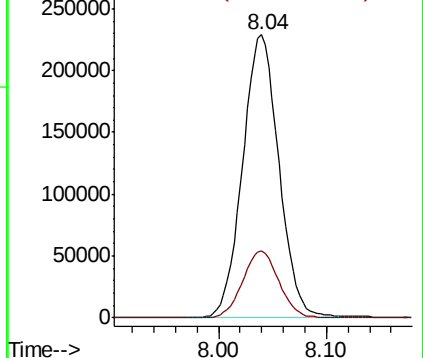


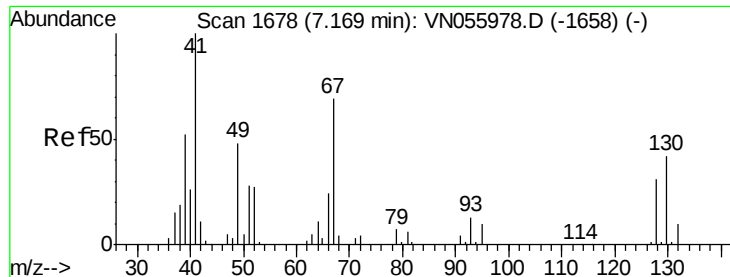
#40
Benzene
Concen: 50.454 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 78 Resp: 536431
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

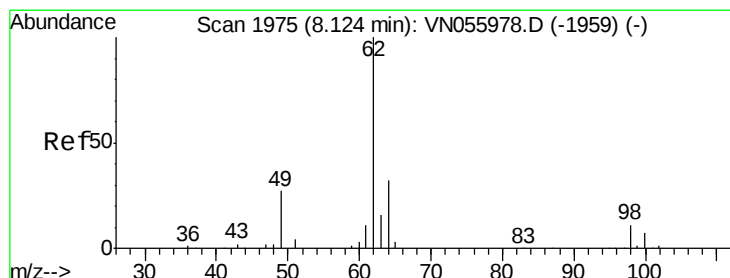
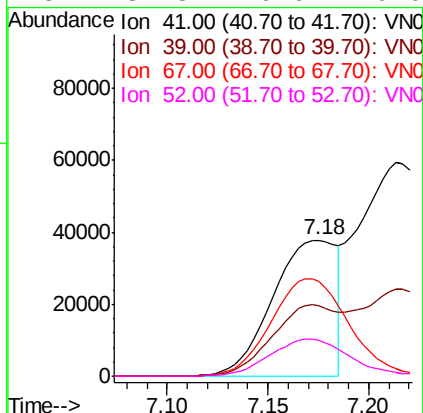
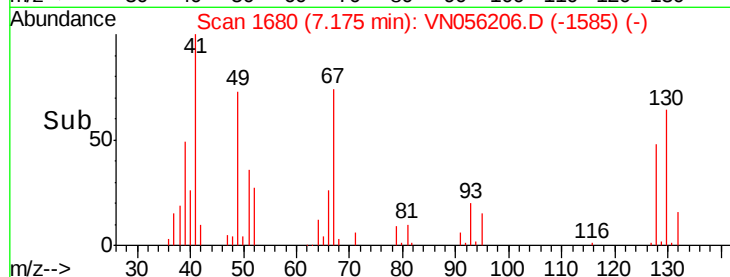
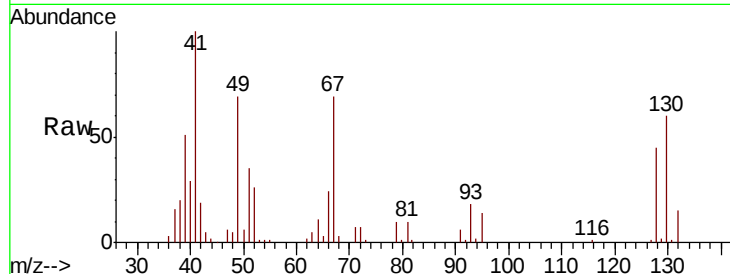




#41
Methacrylonitrile
Concen: 58.265 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

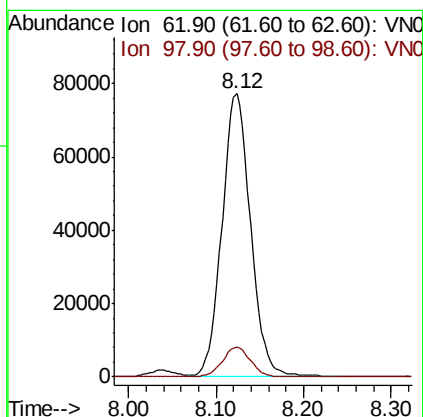
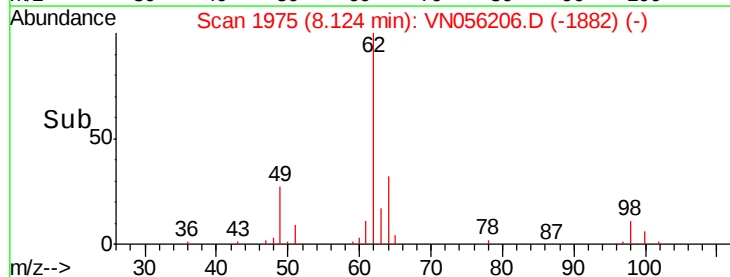
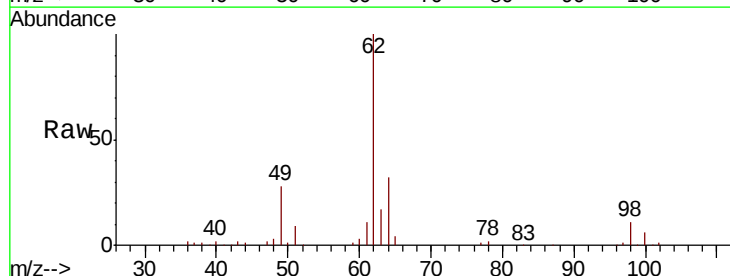
Instrument :
MSVOA_N
ClientSampled :

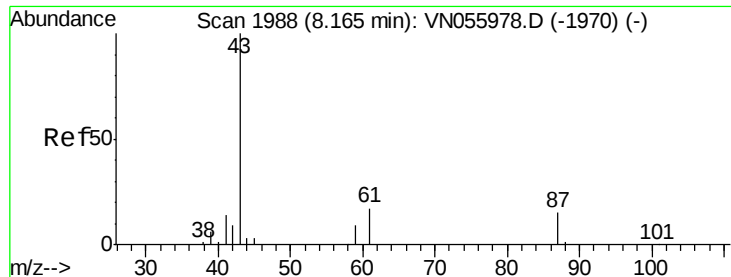
Tot Ion: 41 Resp: 83496
Ion Ratio Lower Upper
41 100
39 55.7 45.6 68.4
67 87.2 67.7 101.5
52 34.3 26.6 40.0



#42
1,2-Dichloroethane
Concen: 51.015 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 62 Resp: 174470
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 47.333 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

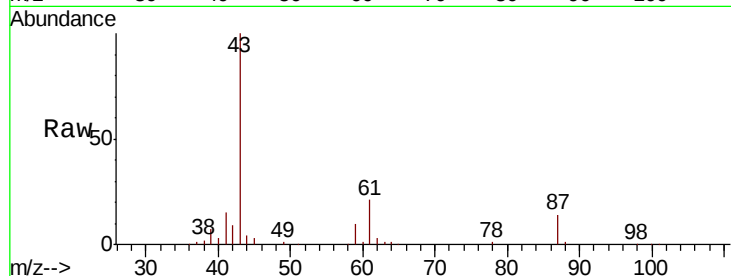
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 238902

Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.2	33.4#
87	14.0	11.4	17.2

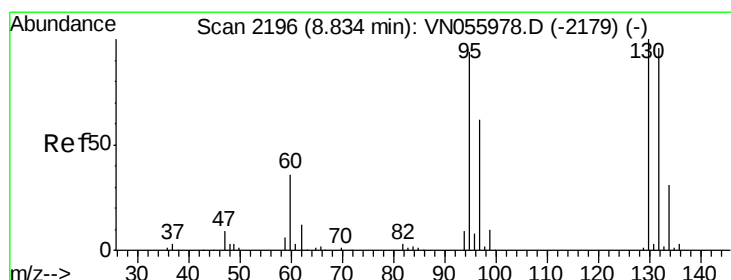
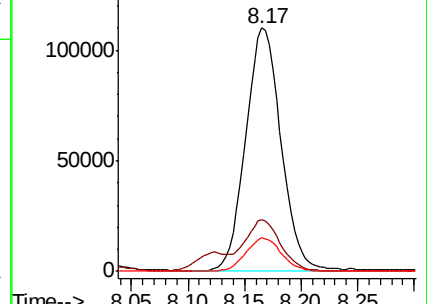
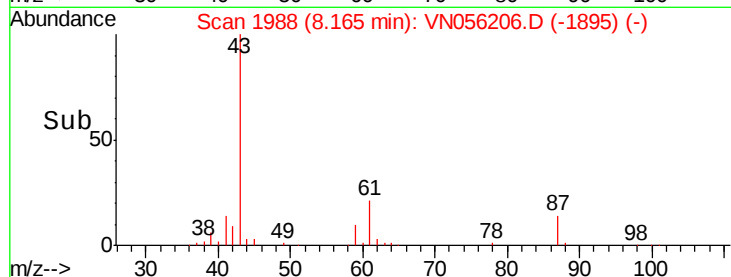


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 62.332 ug/l

RT: 8.83 min Scan# 2196

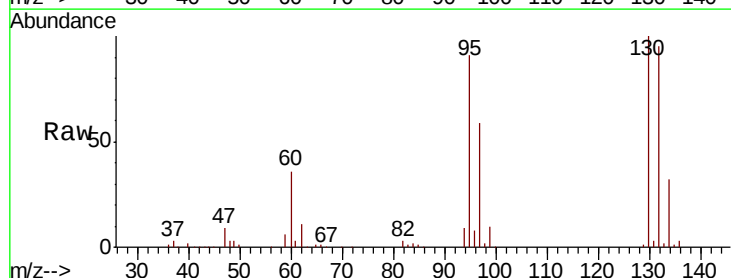
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:130 Resp: 190429

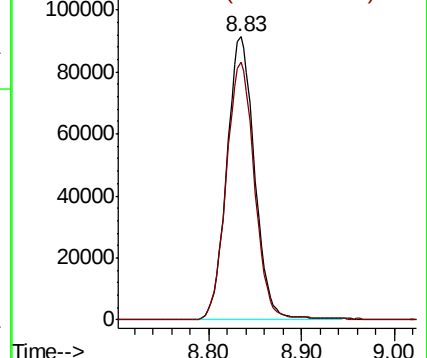
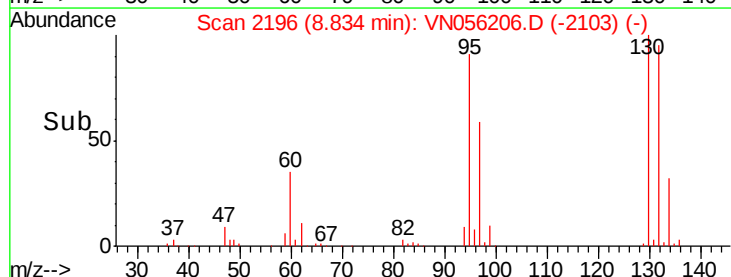
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 52.142 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

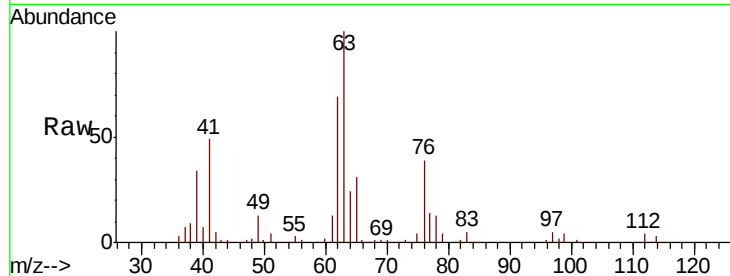
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 142000

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055978.D (-2262) (-)

9.12

80000

60000

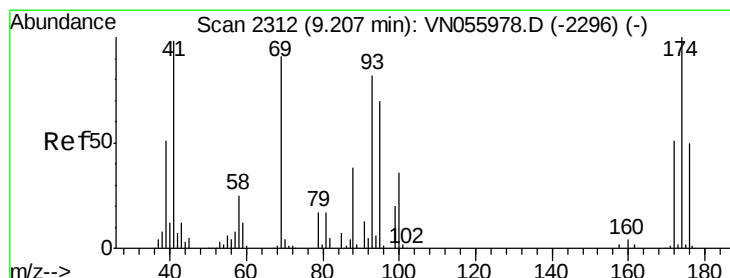
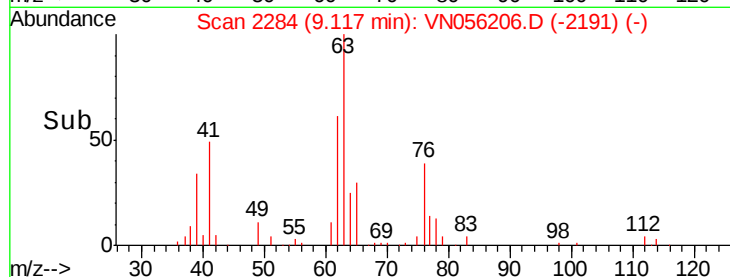
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 53.782 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

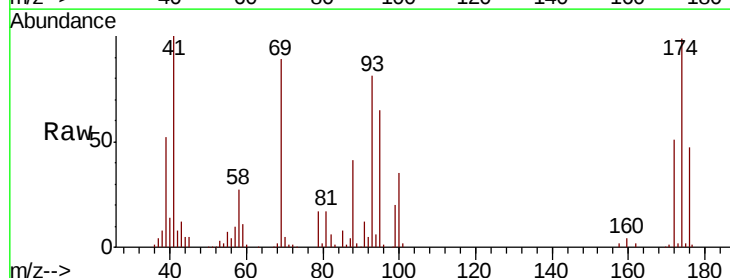
Tgt Ion: 93 Resp: 95777

Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 123.9 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN055978.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN055978.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN055978.D (-2296) (-)

9.21

80000

60000

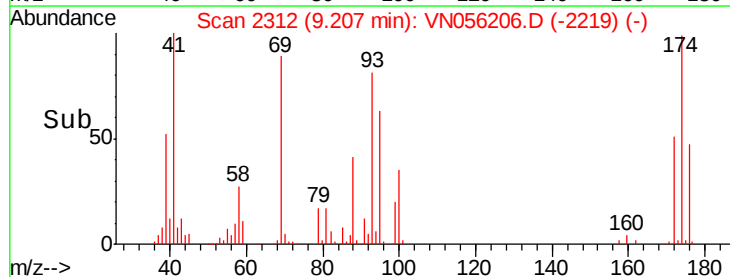
40000

20000

0

9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 55.323 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :

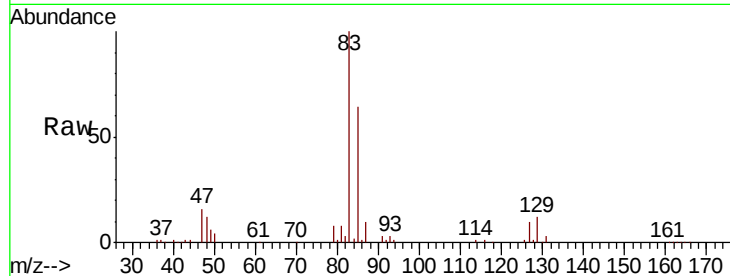
Tot Ion: 83 Resp: 178563

Ion Ratio Lower Upper

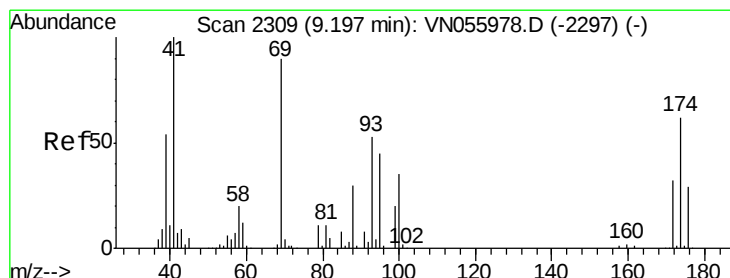
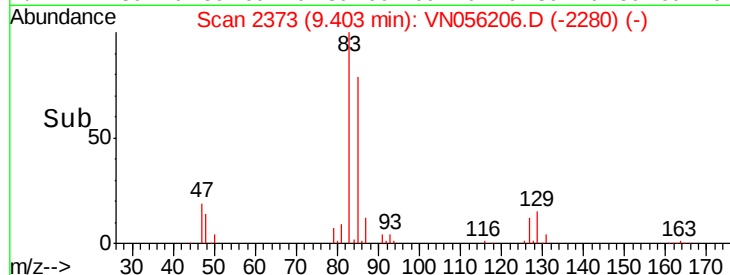
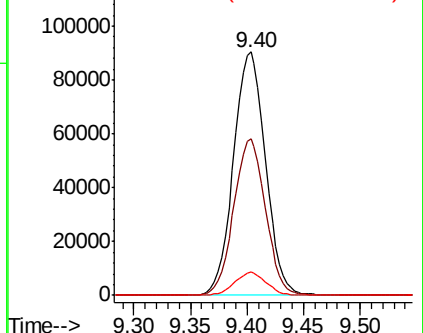
83 100

85 64.3 52.2 78.2

127 9.8 7.4 11.0



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): V



#48

Methyl methacrylate

Concen: 54.235 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

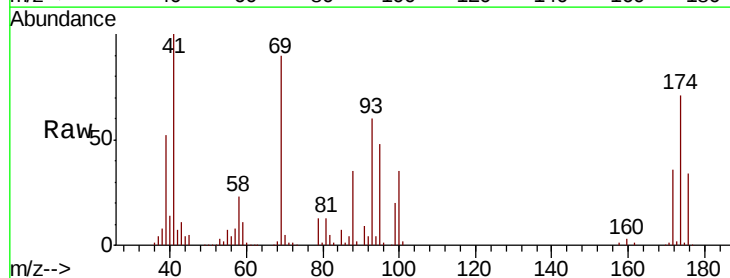
Tgt Ion: 41 Resp: 133919

Ion Ratio Lower Upper

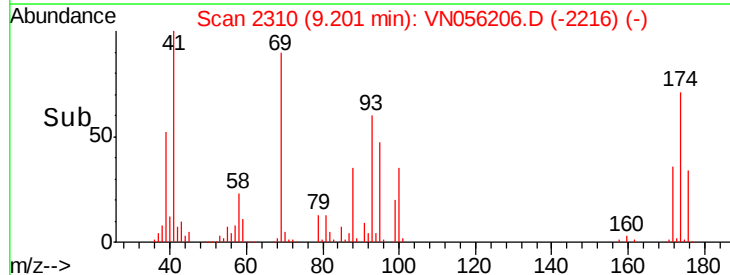
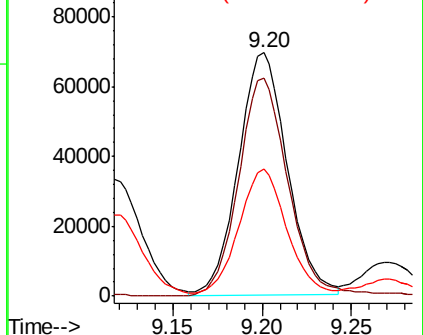
41 100

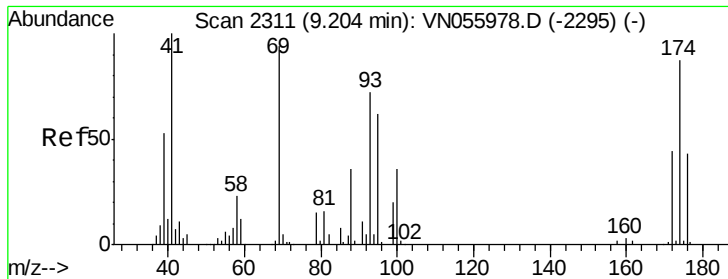
69 91.6 71.0 106.6

39 51.3 44.2 66.2



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

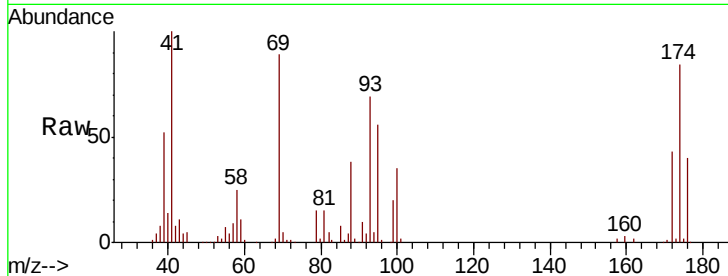




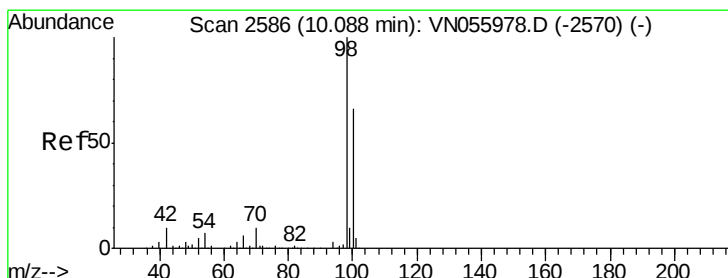
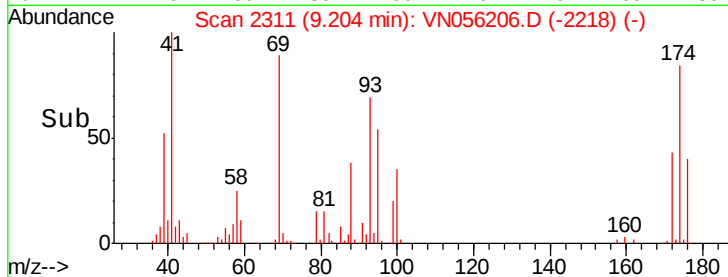
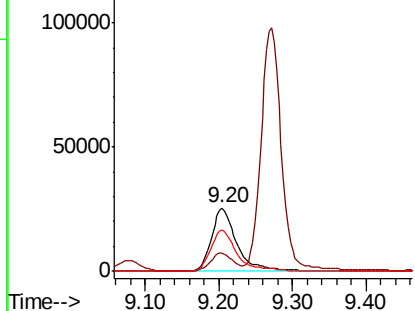
#49
 1,4-Dioxane
 Concen: 1141.442 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 60848
 Ion Ratio Lower Upper
 88 100
 43 24.3 20.5 30.7
 58 64.0 55.8 83.6

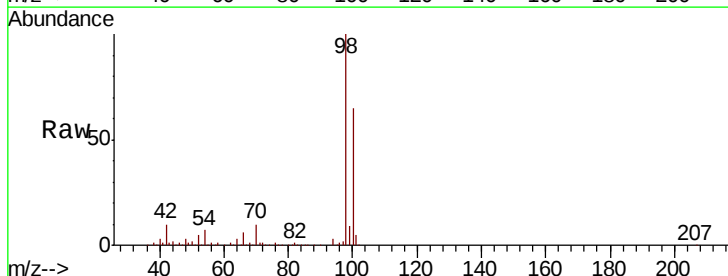


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

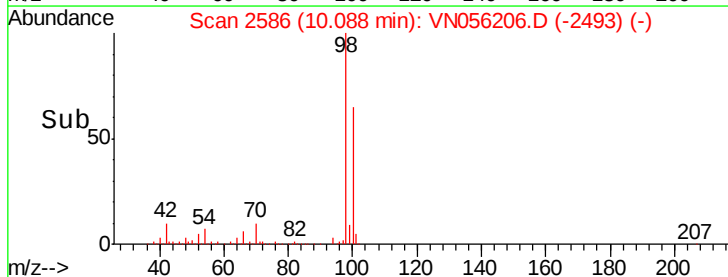
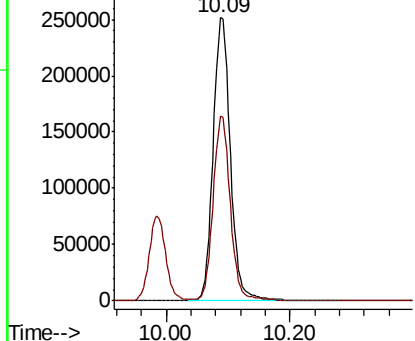


#50
 Toluene-d8
 Concen: 50.863 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 98 Resp: 488866
 Ion Ratio Lower Upper
 98 100
 100 65.0 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: 277.281 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

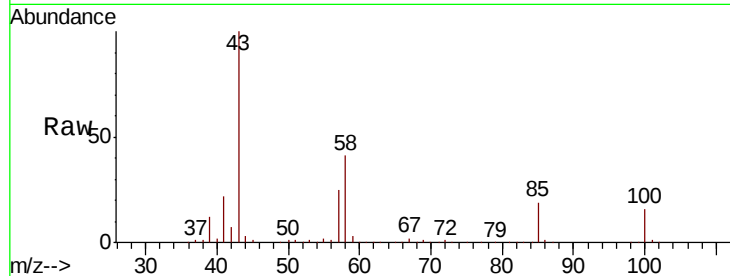
ClientSampled :

Tot Ion: 43 Resp: 875176

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

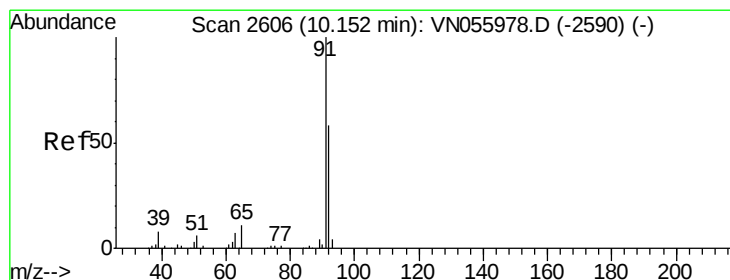
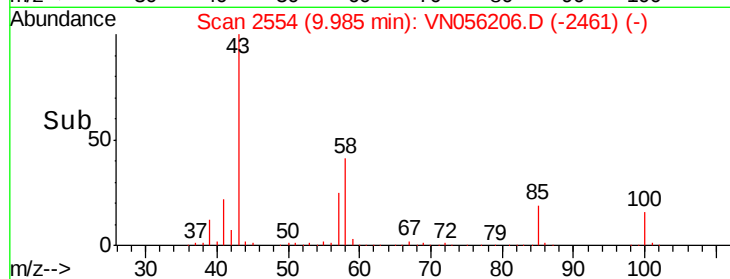
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.585 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056206.D

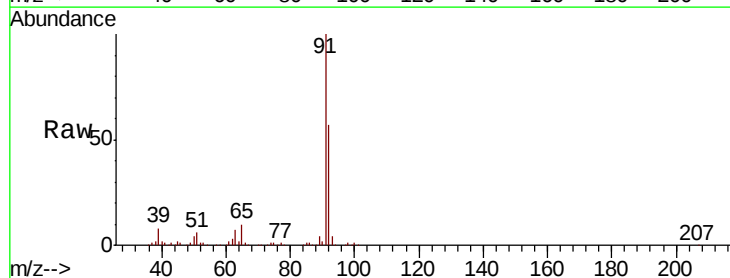
Acq: 11 Jun 2019 7:41

Tgt Ion: 92 Resp: 334664

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

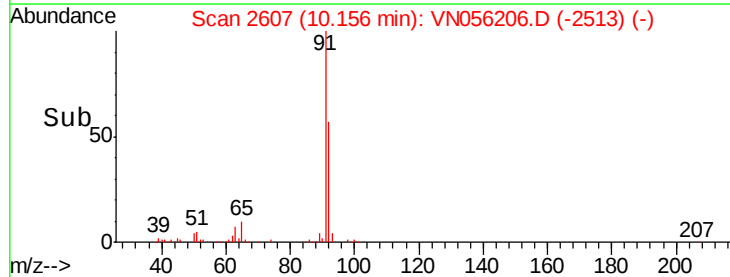
300000

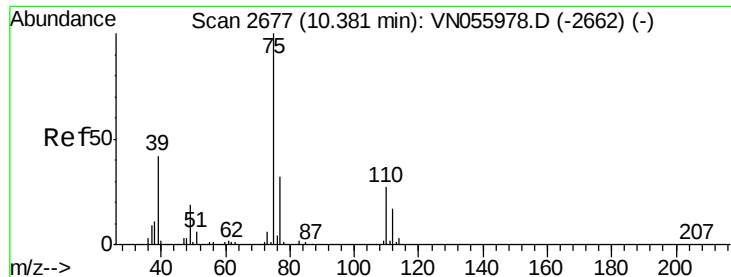
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 41.991 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

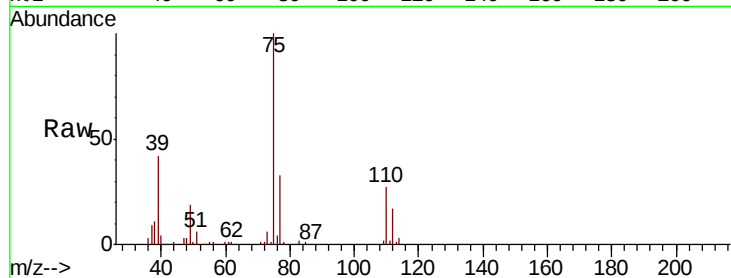
ClientSampled :

Tot Ion: 75 Resp: 157374

Ion Ratio Lower Upper

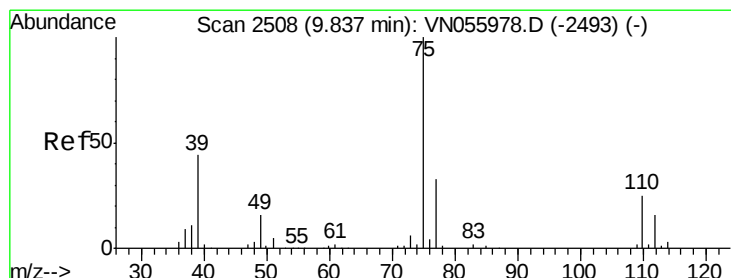
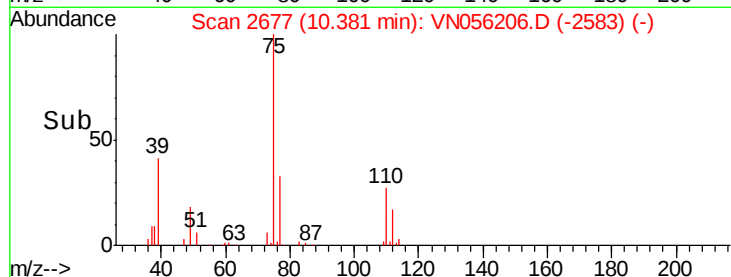
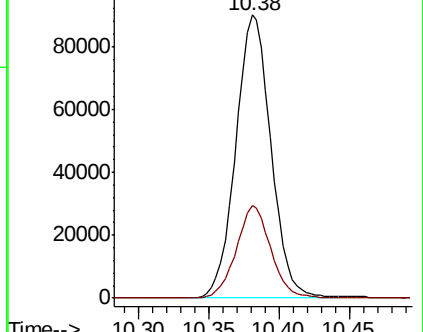
75 100

77 32.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 47.433 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

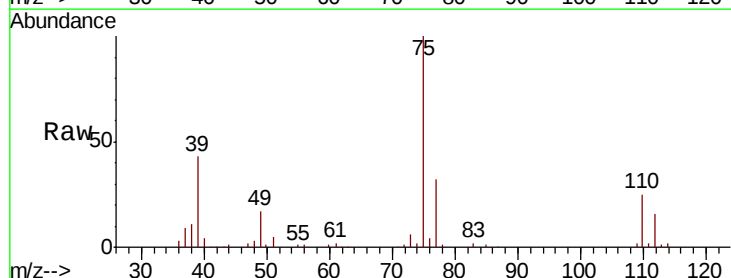
Tgt Ion: 75 Resp: 184024

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

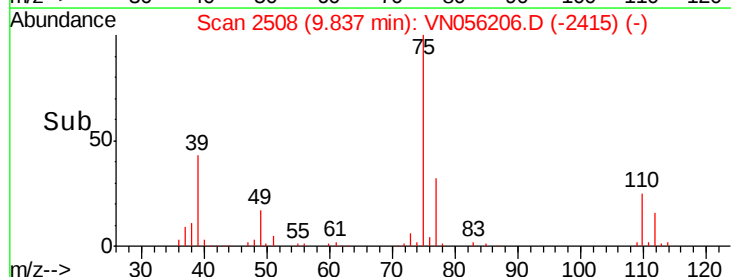
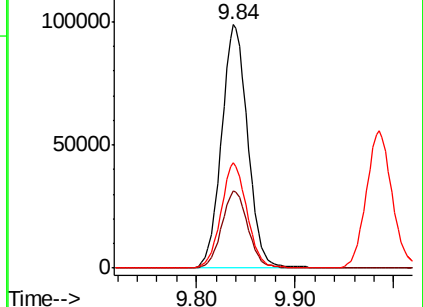
39 43.3 36.3 54.5

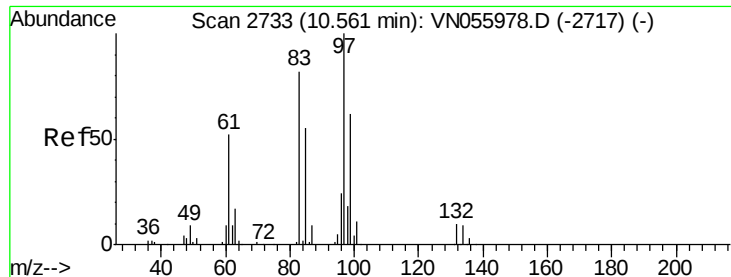


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.102 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 139163

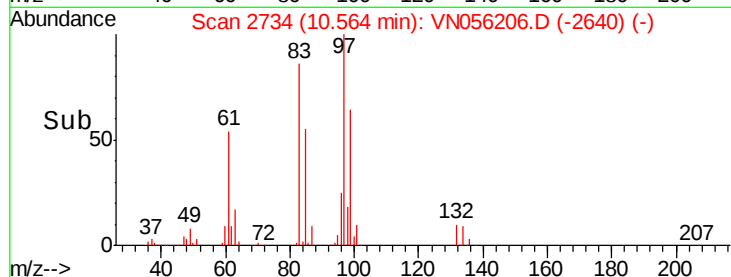
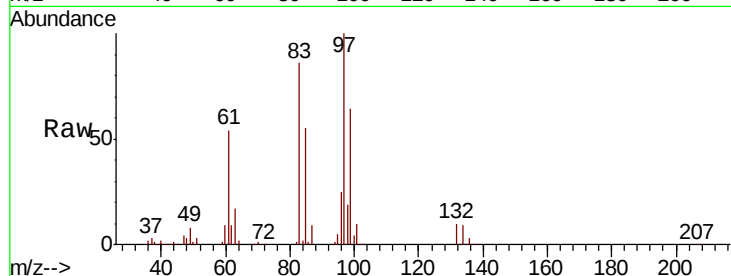
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.0	100.6
85	55.4	44.0	66.0
99	63.7	50.6	75.8

97 100

83 86.3 67.0 100.6

85 55.4 44.0 66.0

99 63.7 50.6 75.8

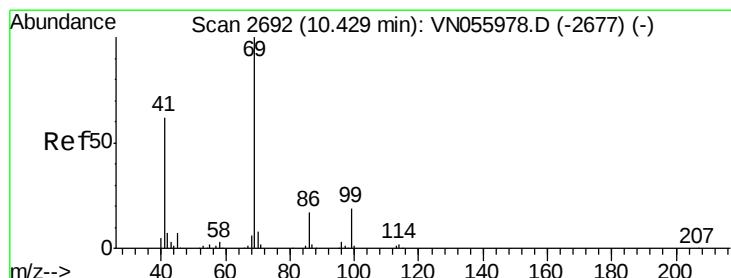
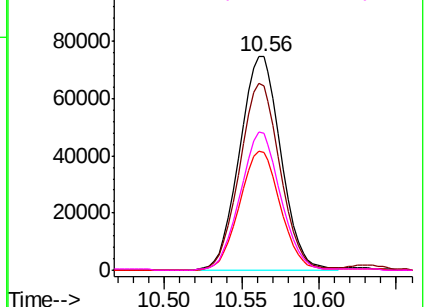


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.013 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

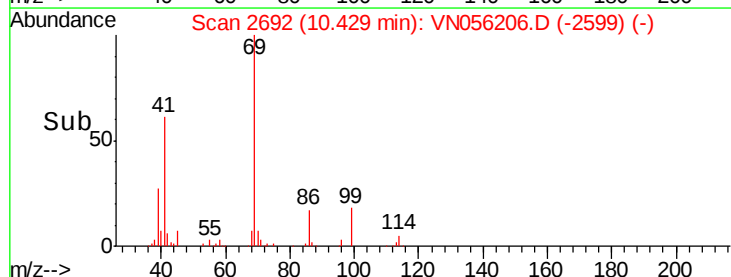
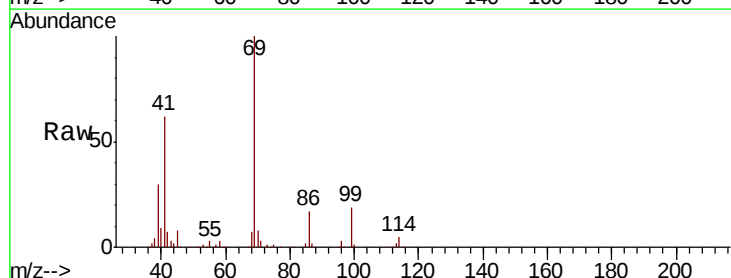
Tgt Ion: 69 Resp: 202684

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.7	74.5
39	28.8	24.7	37.1

69 100

41 61.8 49.7 74.5

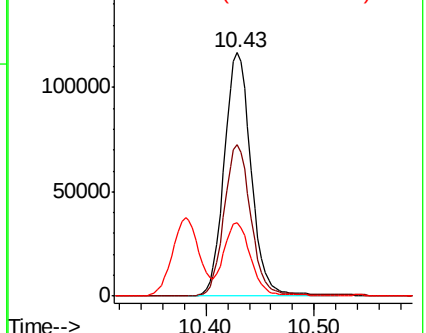
39 28.8 24.7 37.1

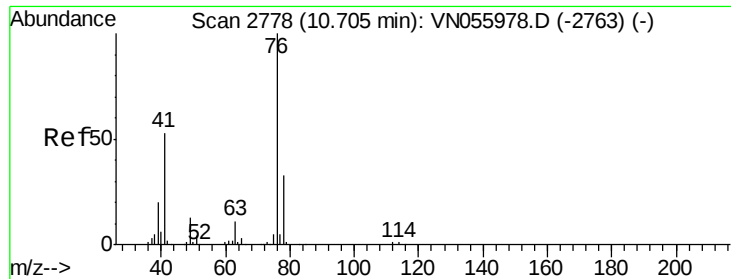


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

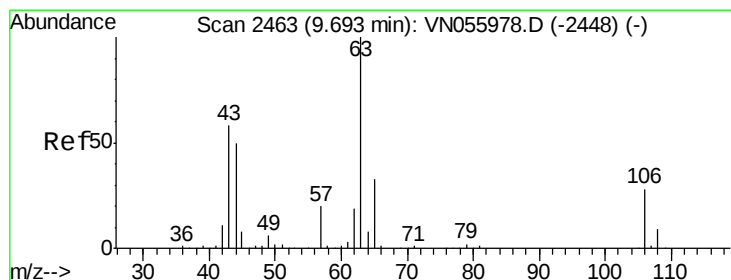
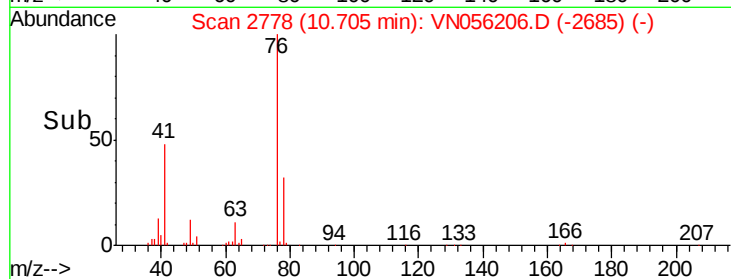
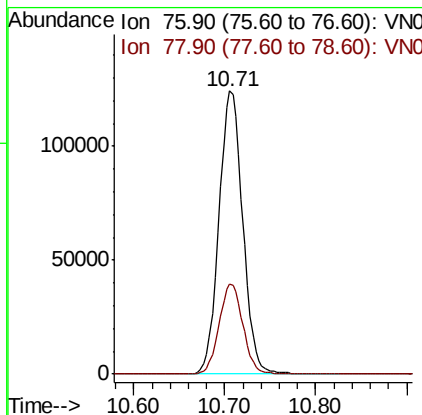
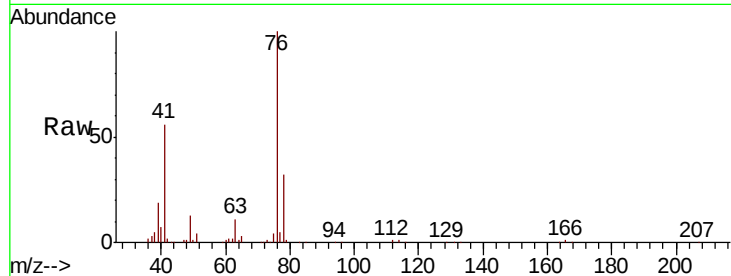




#57
 1,3-Dichloropropane
 Concen: 52.968 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

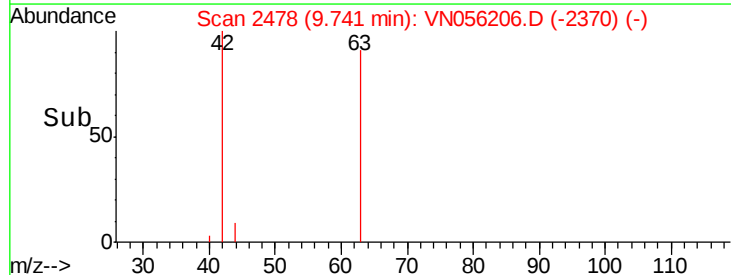
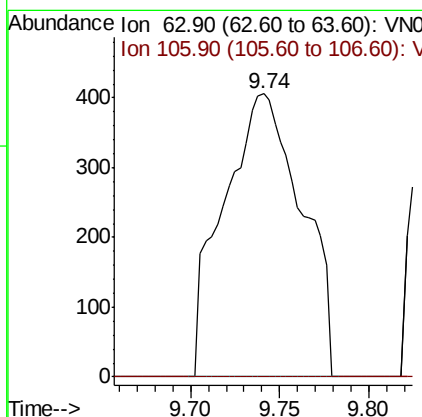
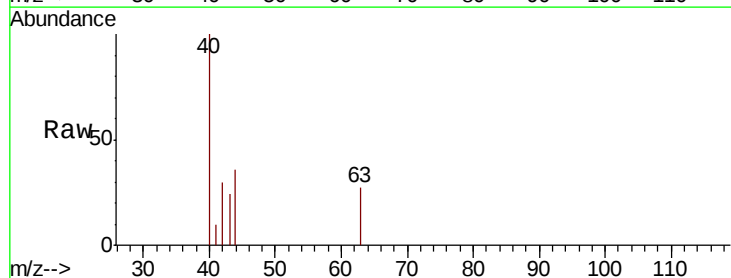
Instrument :
 MSVOA_N
 ClientSampled :

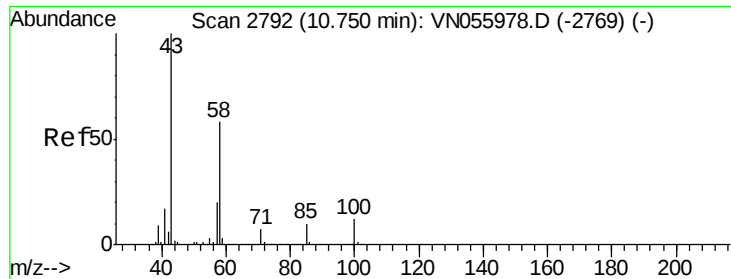
Tot Ion: 76 Resp: 225659
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.642 ug/l
 RT: 9.74 min Scan# 2478
 Delta R.T. 0.05 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 63 Resp: 1237
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

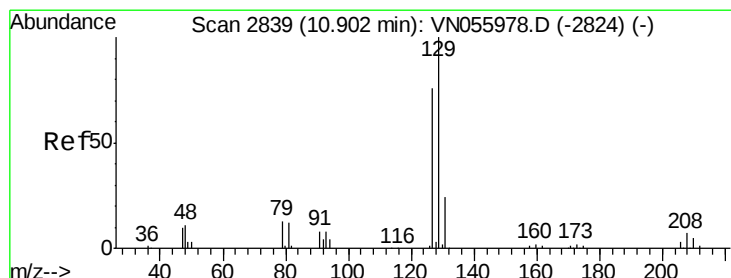
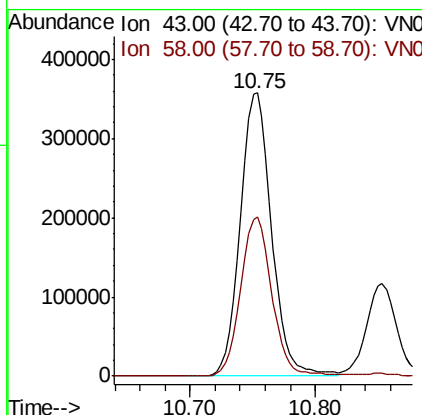
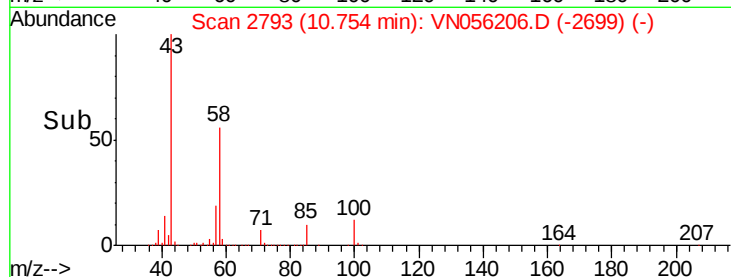
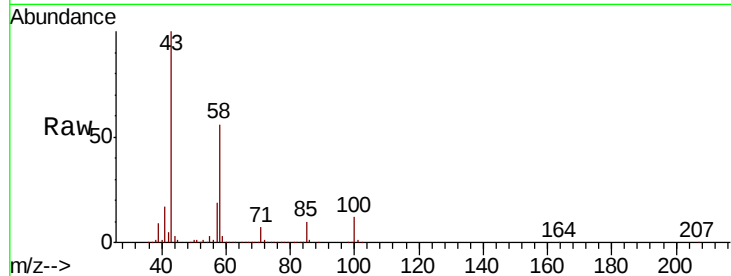




#59
2-Hexanone
Concen: 270.687 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

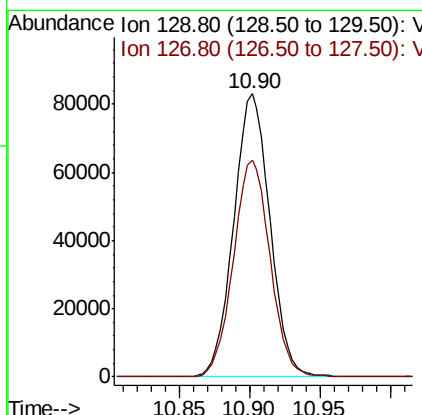
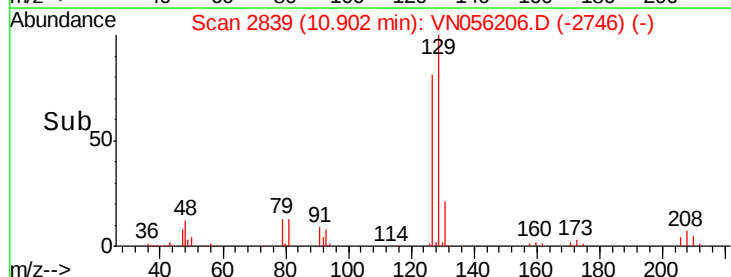
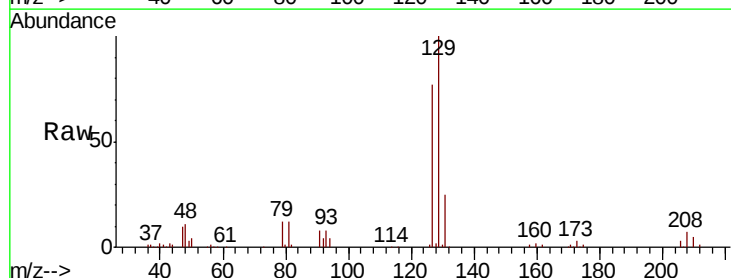
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 619224
Ion Ratio Lower Upper
43 100
58 56.4 28.2 84.7



#60
Dibromochloromethane
Concen: 51.791 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 129 Resp: 149960
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.901 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

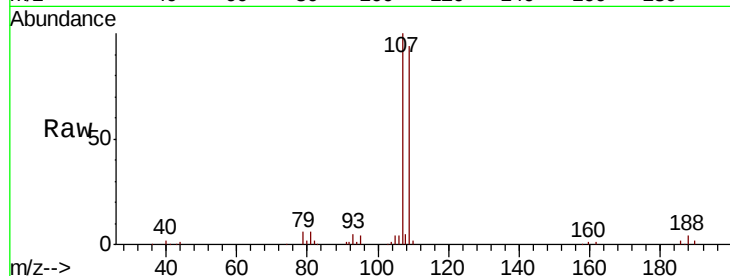
ClientSampleId :

Tot Ion: 107 Resp: 144406

Ion Ratio Lower Upper

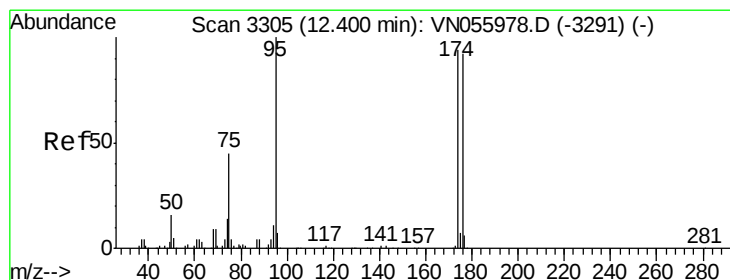
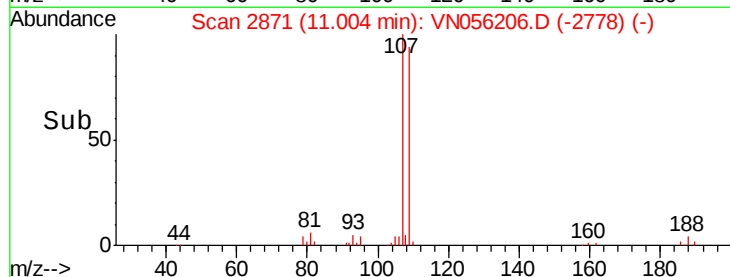
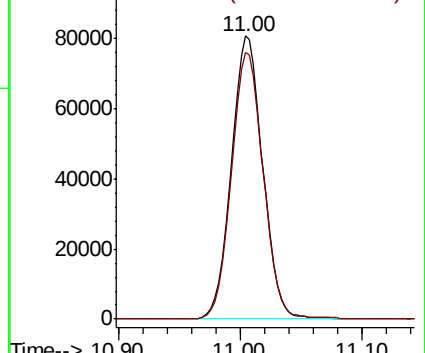
107 100

109 95.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.686 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

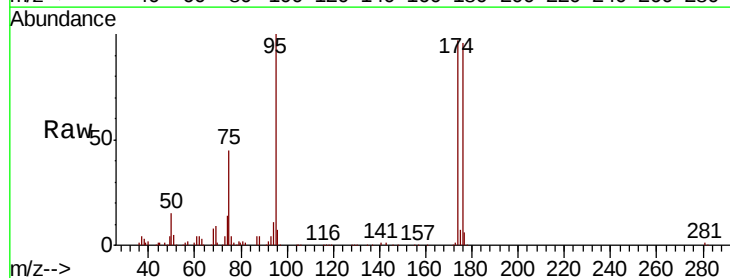
Tgt Ion: 95 Resp: 168939

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

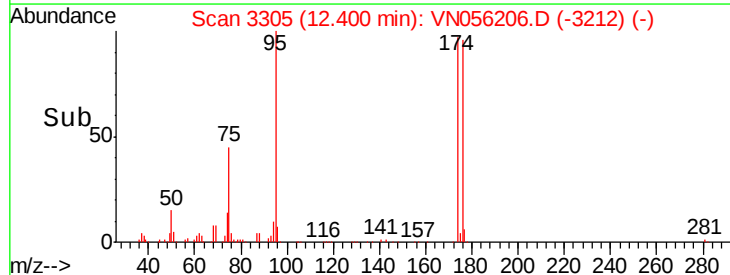
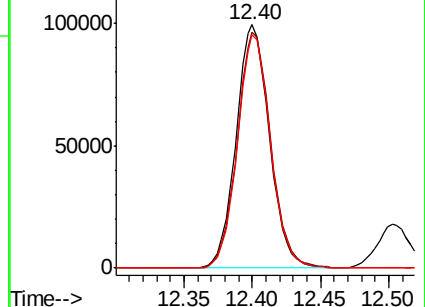
176 94.9 0.0 185.2

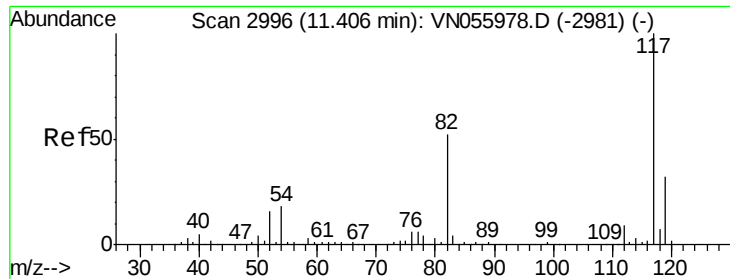


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

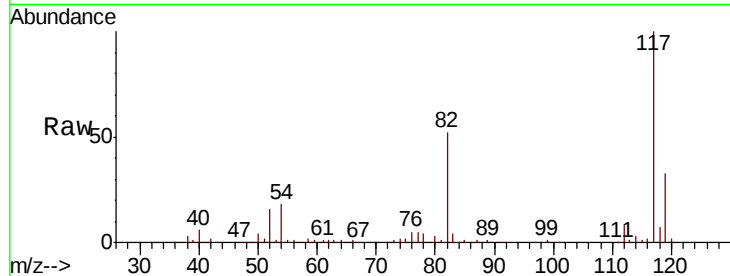
Tot Ion:117 Resp: 368207

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

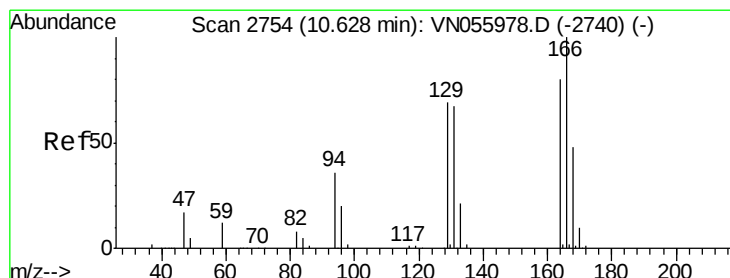
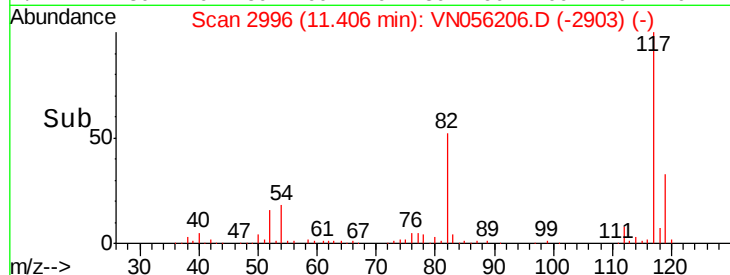
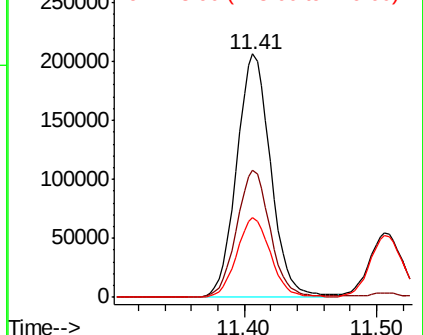
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.435 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:164 Resp: 147999

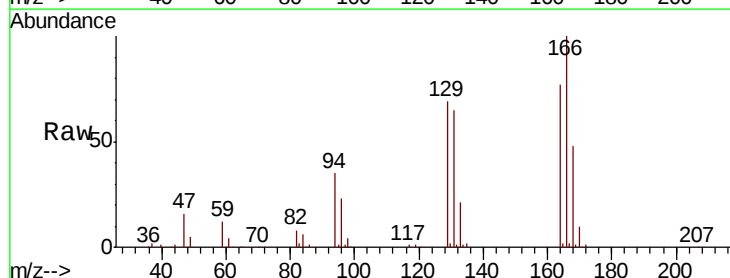
Ion Ratio Lower Upper

164 100

166 129.8 103.0 154.6

129 89.1 70.6 105.8

131 84.5 68.6 102.8

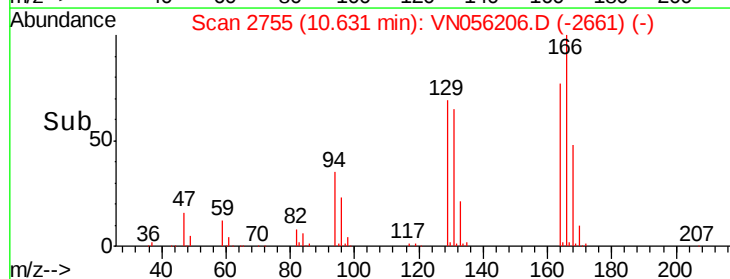
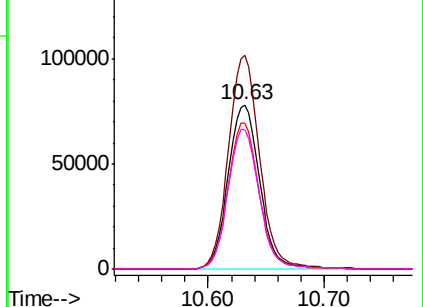


Abundance Ion 163.80 (163.50 to 164.50): V

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

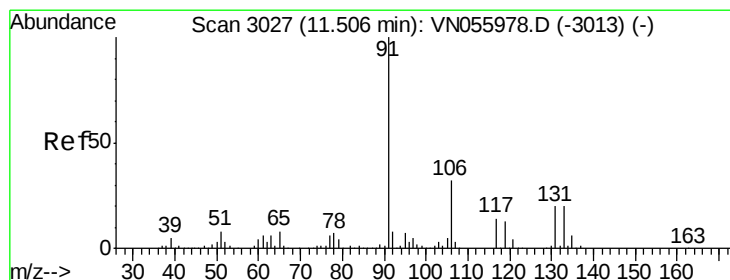
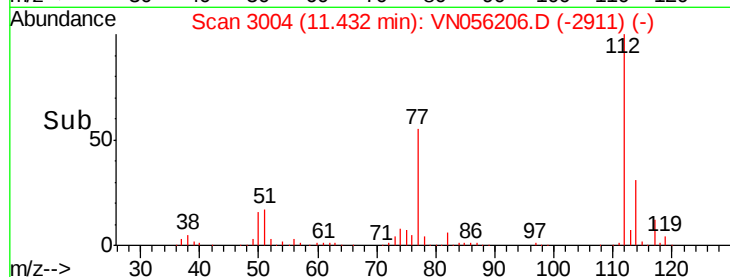
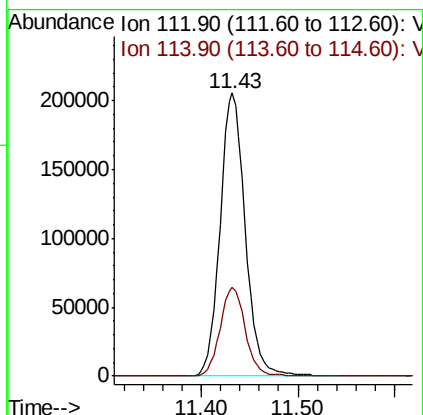
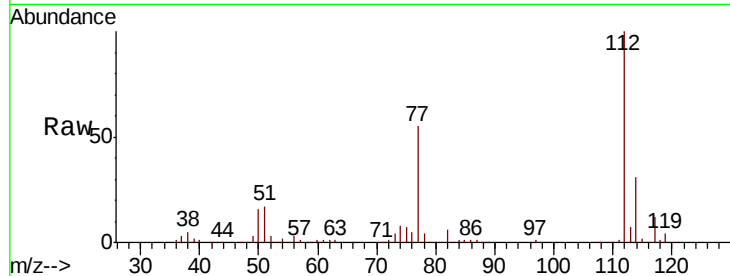




#65
Chlorobenzene
Concen: 50.479 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

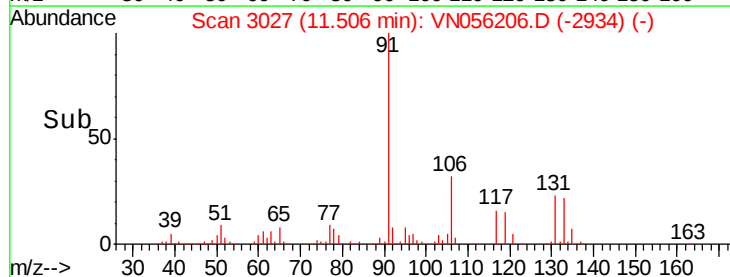
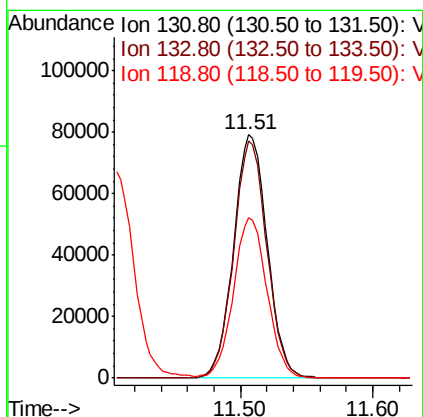
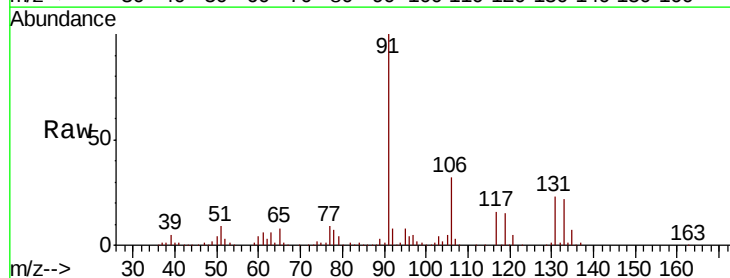
Instrument :
MSVOA_N
ClientSampled :

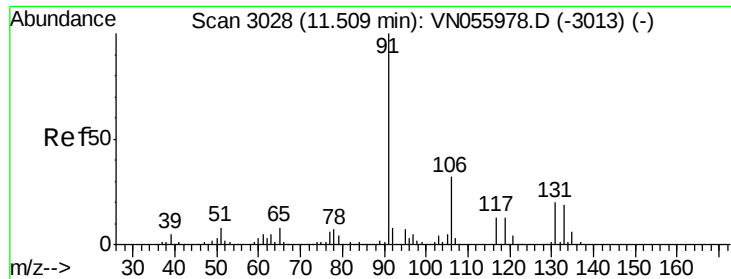
Tot Ion:112 Resp: 369911
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.219 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:131 Resp: 139720
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 65.8 33.1 99.5

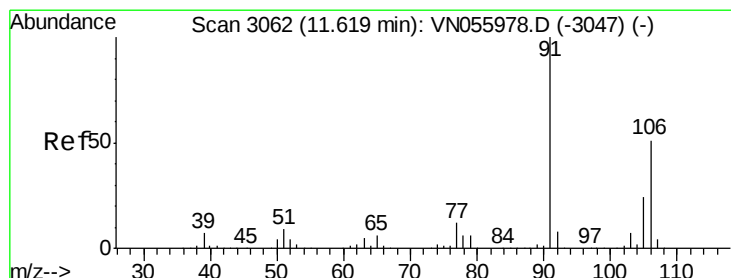
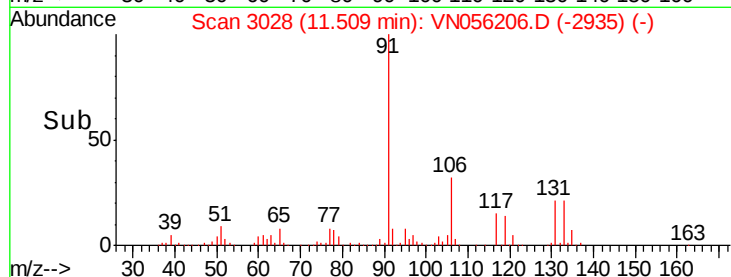
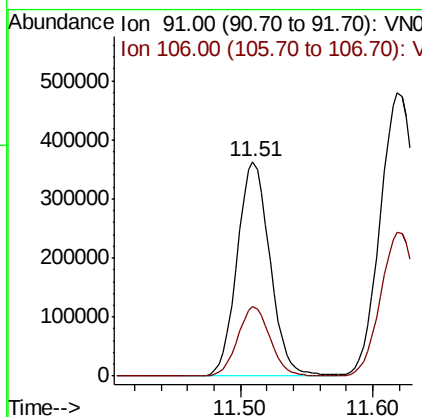
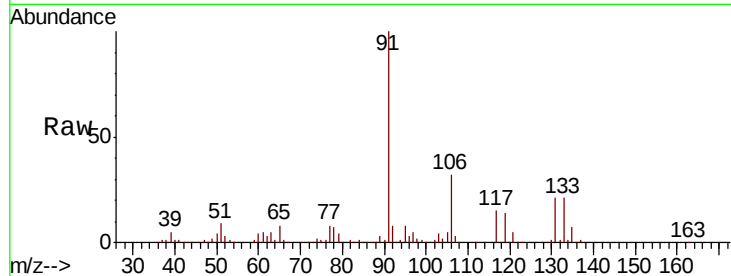




#67
Ethyl Benzene
Concen: 49.099 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

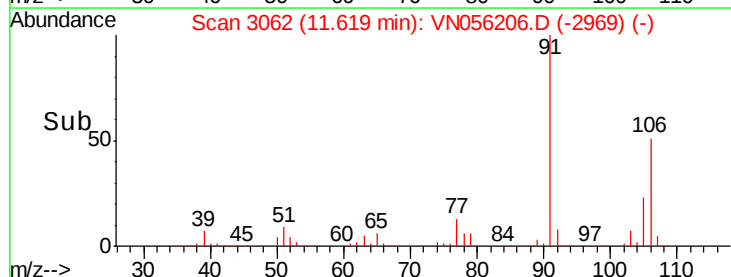
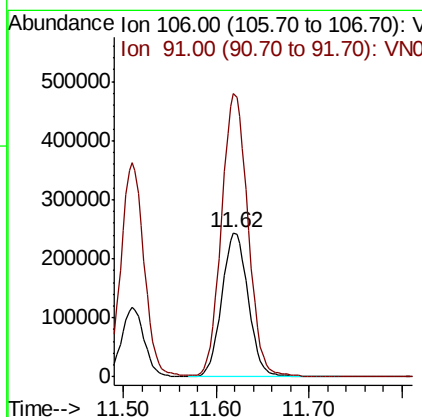
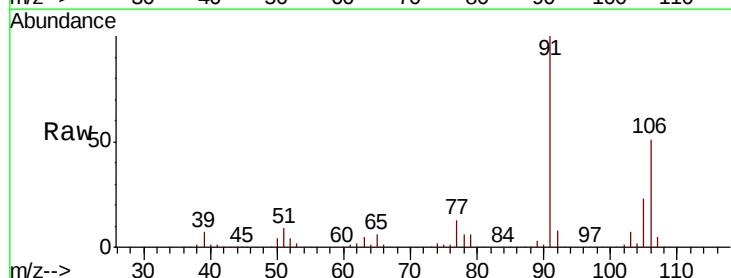
Instrument :
MSVOA_N
ClientSampled :

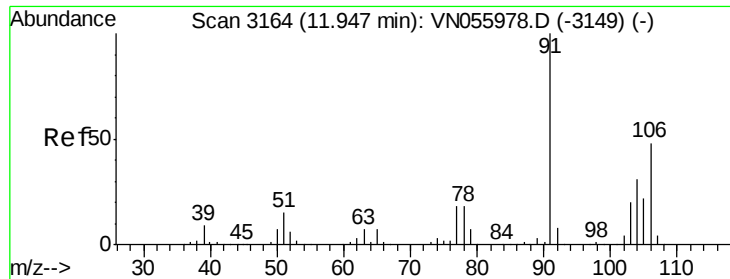
Tot Ion: 91 Resp: 625640
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 99.270 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 106 Resp: 483219
Ion Ratio Lower Upper
106 100
91 196.6 159.3 238.9

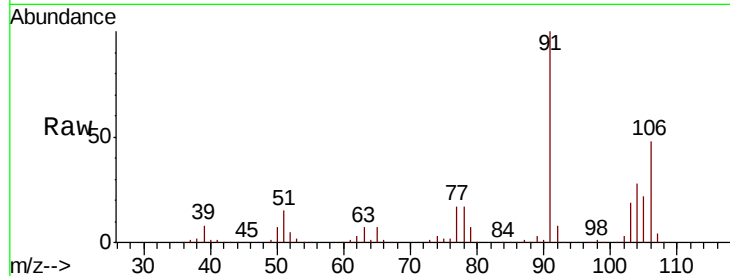




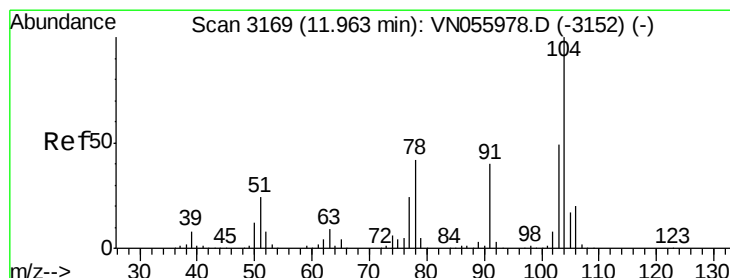
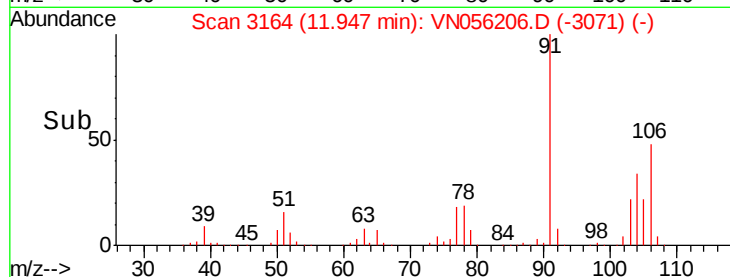
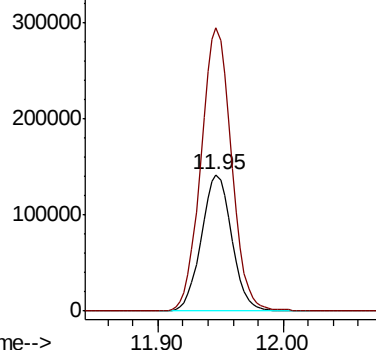
#69
o-Xylene
Concen: 50.044 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 239620
Ion Ratio Lower Upper
106 100
91 207.7 104.7 314.1

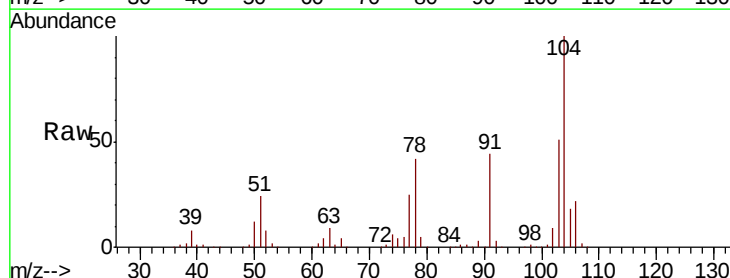


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

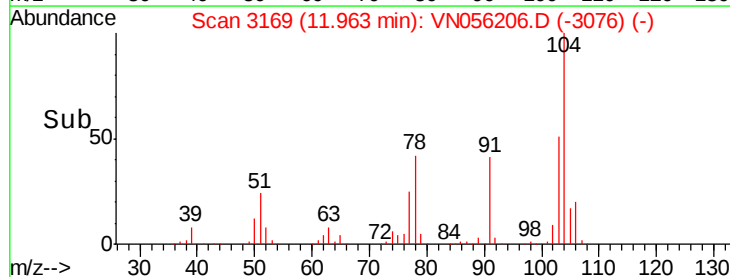
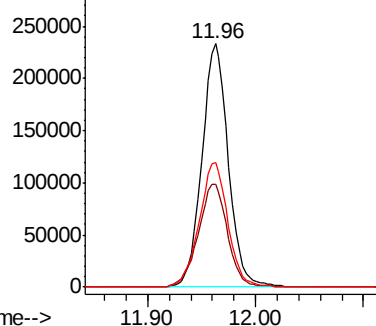


#70
Styrene
Concen: 52.378 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:104 Resp: 398478
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 55.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.793 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampled :

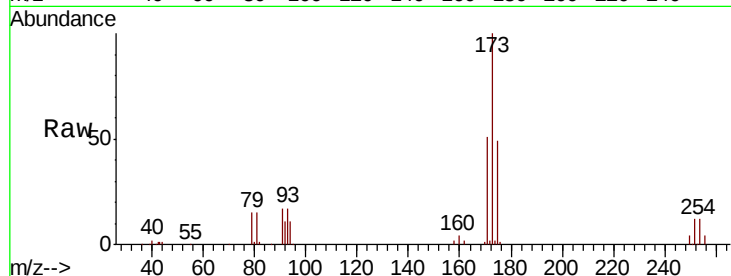
Tot Ion:173 Resp: 112493

Ion Ratio Lower Upper

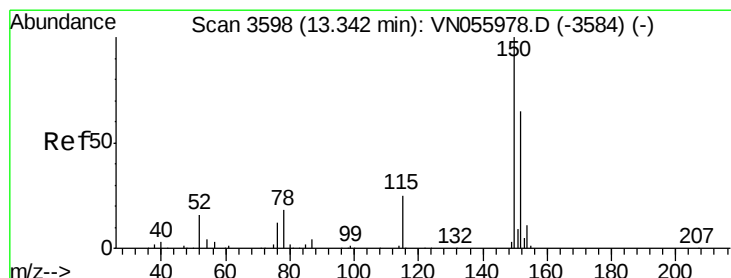
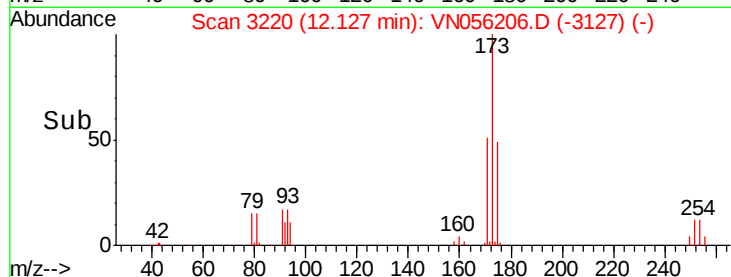
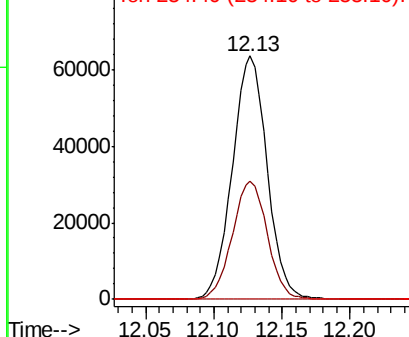
173 100

175 48.9 24.3 72.8

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# 3598

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

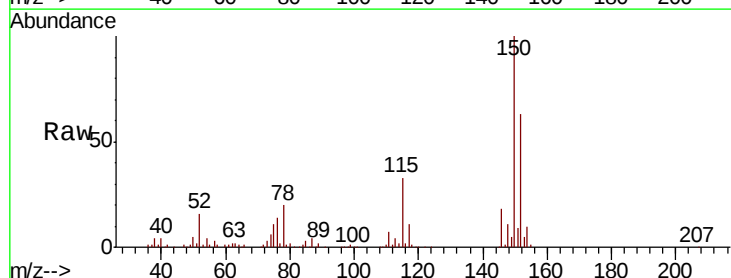
Tgt Ion:152 Resp: 167933

Ion Ratio Lower Upper

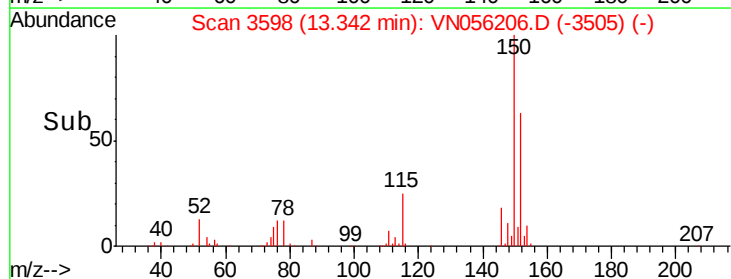
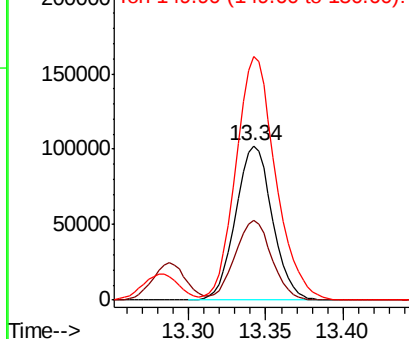
152 100

115 51.9 27.0 81.0

150 171.9 0.0 343.2



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





#73

Isopropylbenzene

Concen: 51.830 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

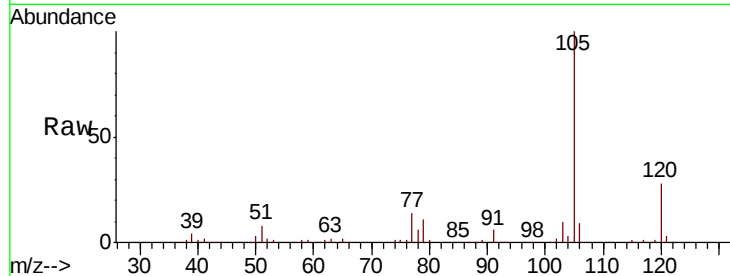
ClientSampled :

Tot Ion:105 Resp: 619361

Ion Ratio Lower Upper

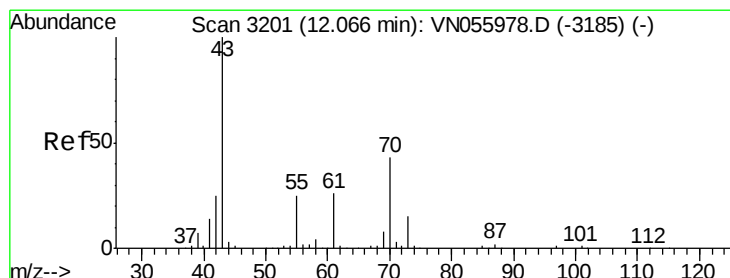
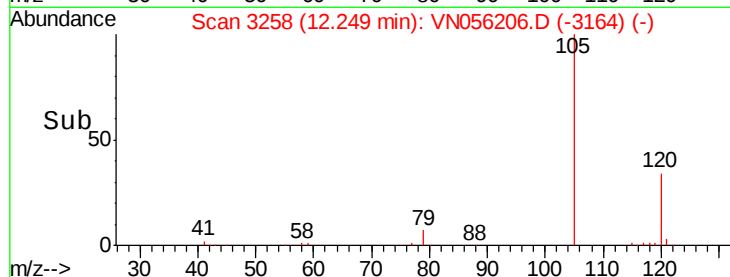
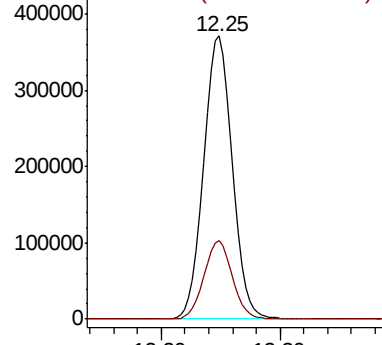
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.091 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 179468

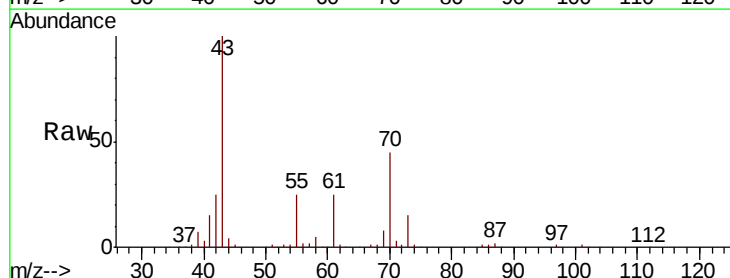
Ion Ratio Lower Upper

43 100

70 44.3 34.0 51.0

55 25.7 18.6 28.0

61 25.4 20.0 30.0

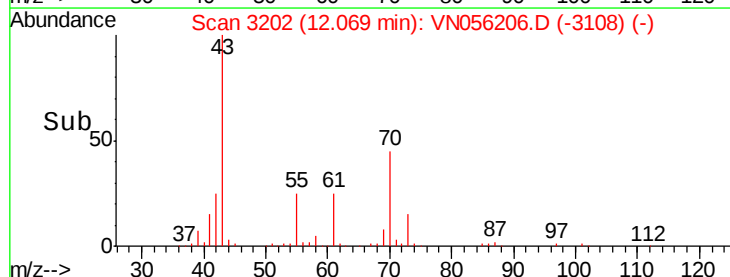
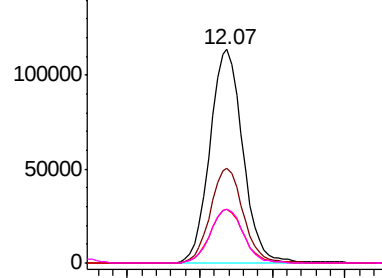


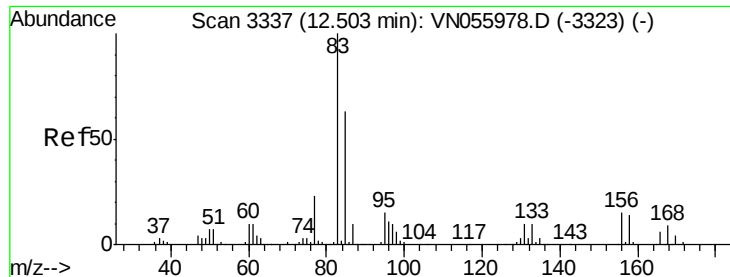
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.236 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampled :

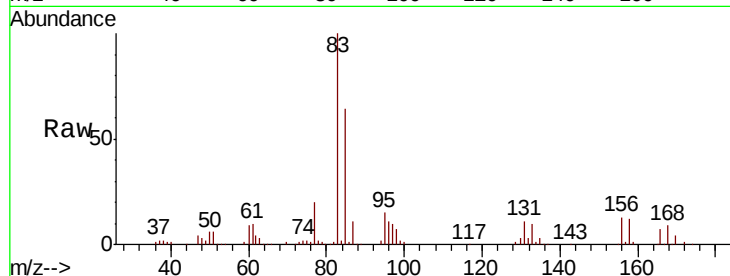
Tot Ion: 83 Resp: 195844

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

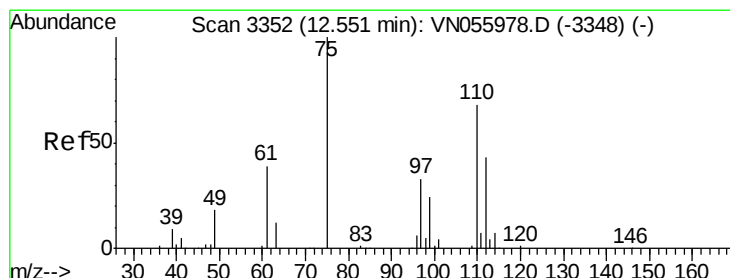
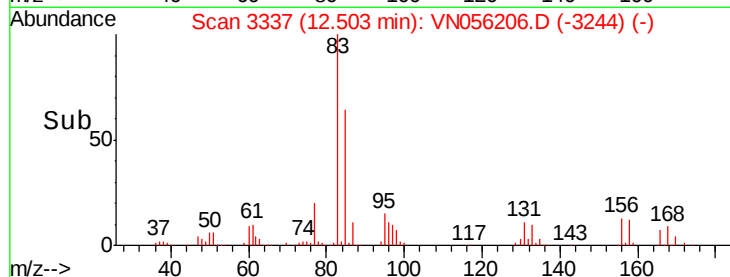
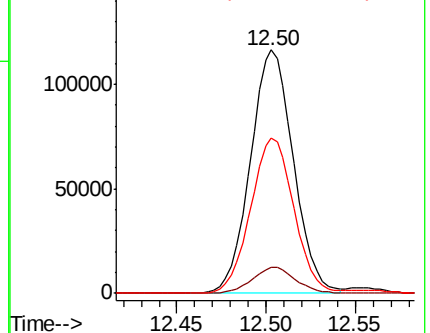
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 69.473 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056206.D

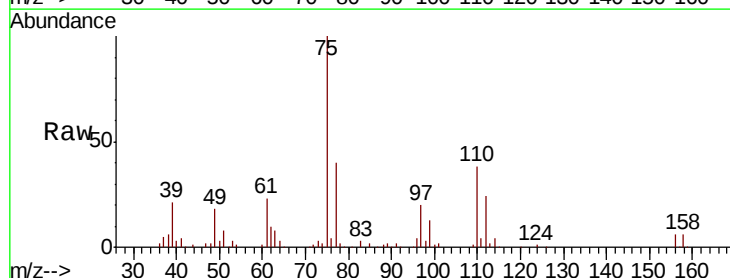
Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 214674

Ion Ratio Lower Upper

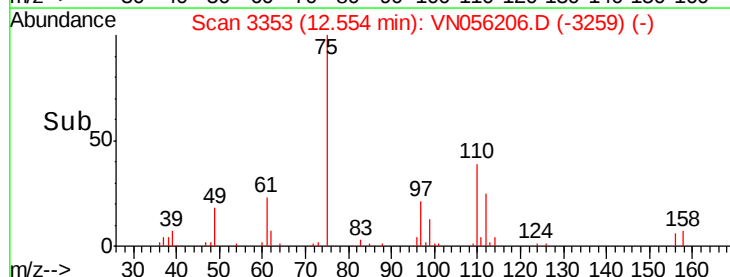
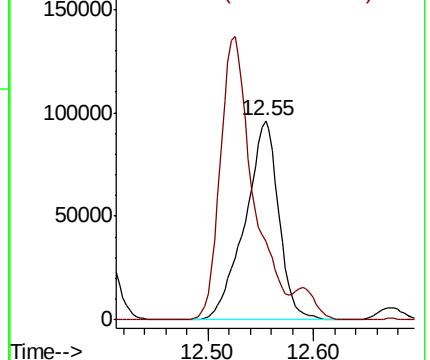
75 100

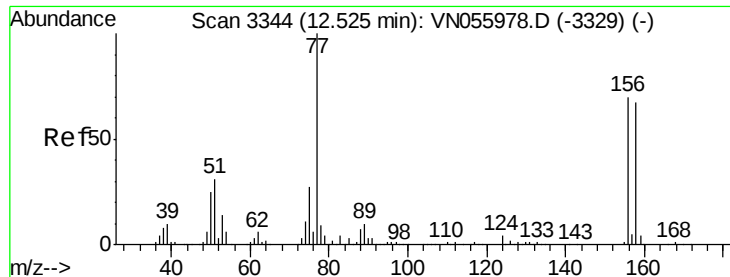
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 48.772 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

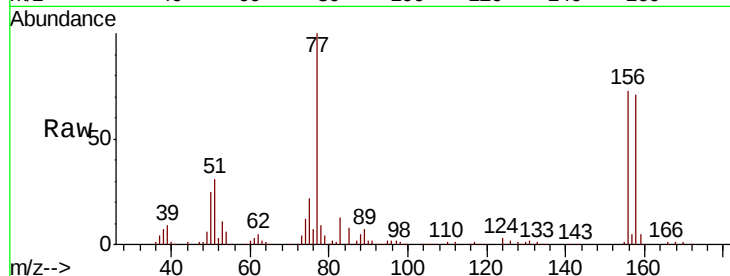
Tot Ion:156 Resp: 175354

Ion Ratio Lower Upper

156 100

77 168.5 90.8 272.5

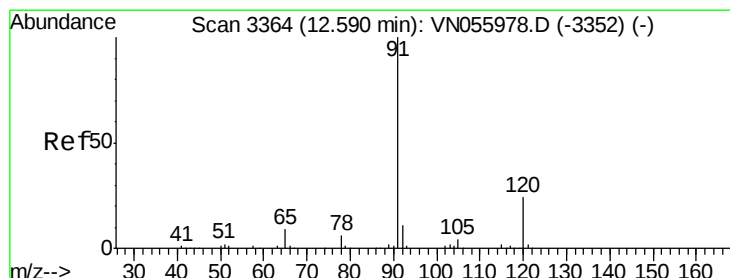
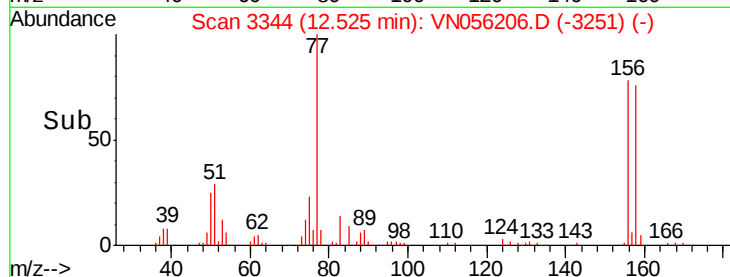
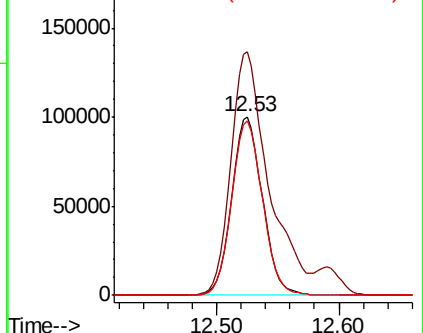
158 98.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.965 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056206.D

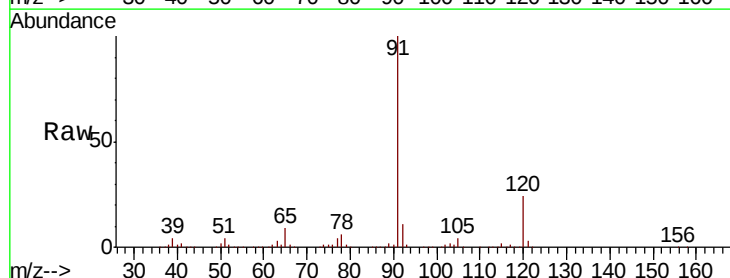
Acq: 11 Jun 2019 7:41

Tgt Ion: 91 Resp: 653030

Ion Ratio Lower Upper

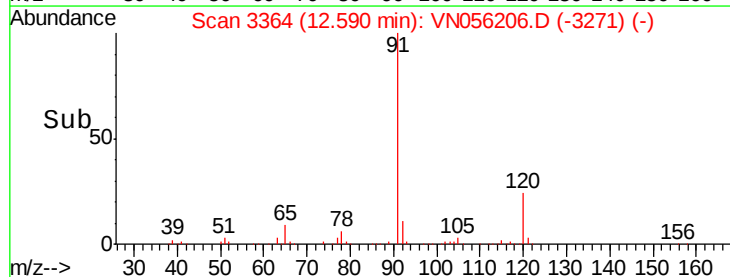
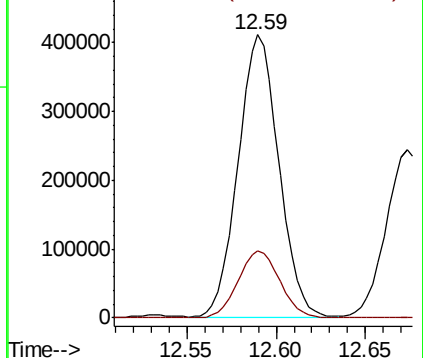
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.751 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

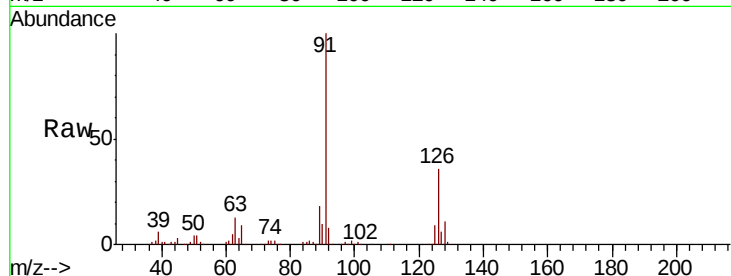
ClientSampled :

Tot Ion: 91 Resp: 407164

Ion Ratio Lower Upper

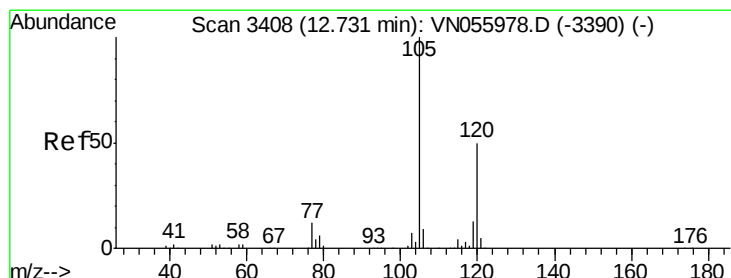
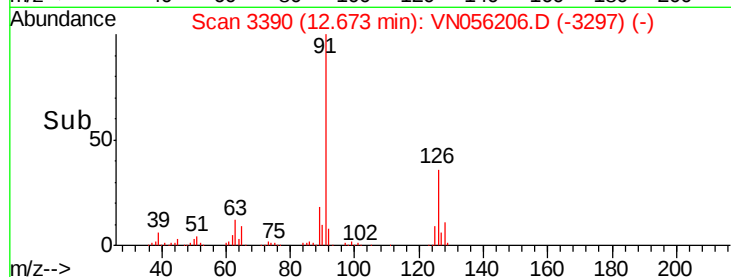
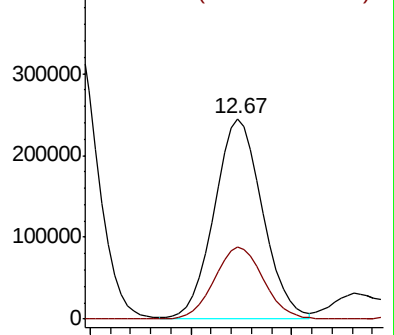
91 100

126 36.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.345 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056206.D

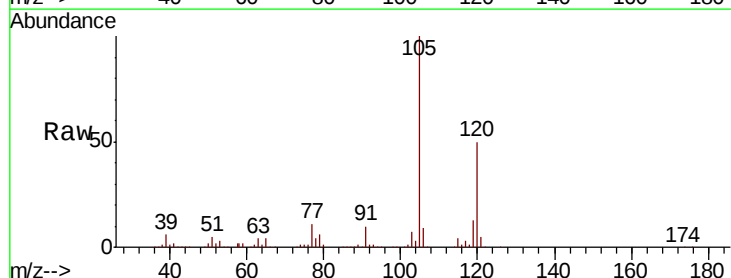
Acq: 11 Jun 2019 7:41

Tgt Ion: 105 Resp: 511995

Ion Ratio Lower Upper

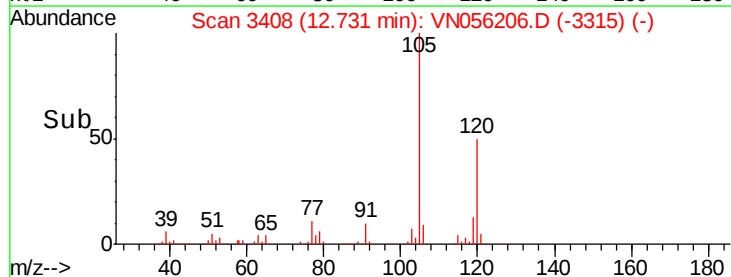
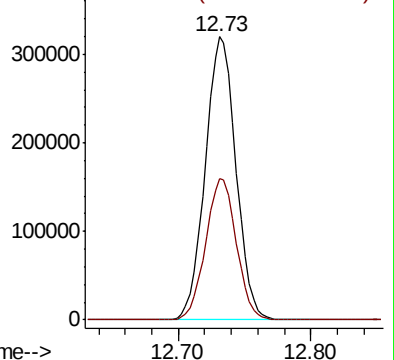
105 100

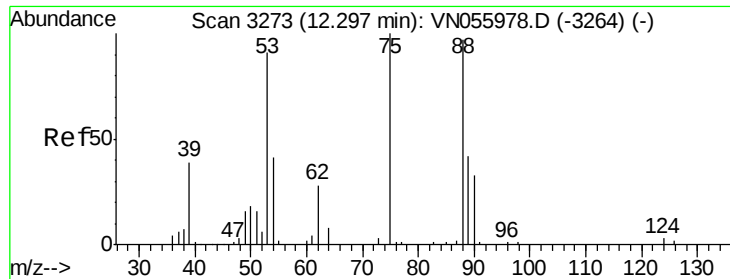
120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.195 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampled :

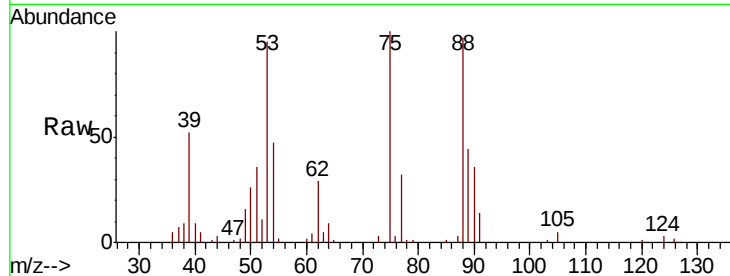
Tot Ion: 75 Resp: 37296

Ion Ratio Lower Upper

75 100

53 98.5 68.1 102.1

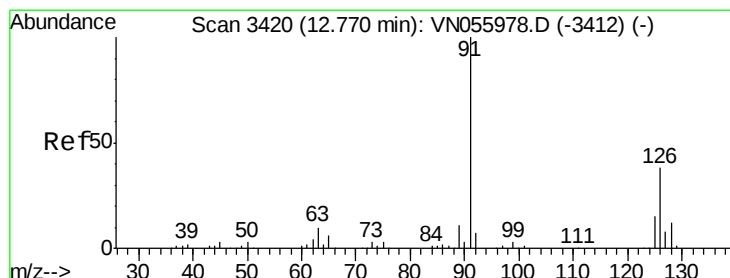
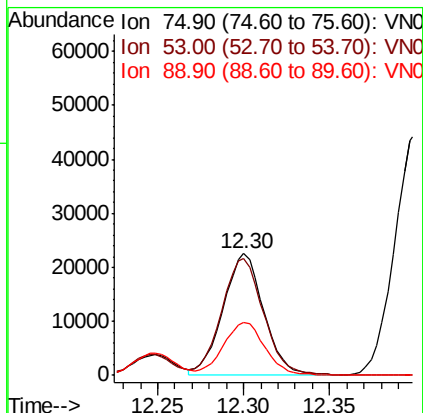
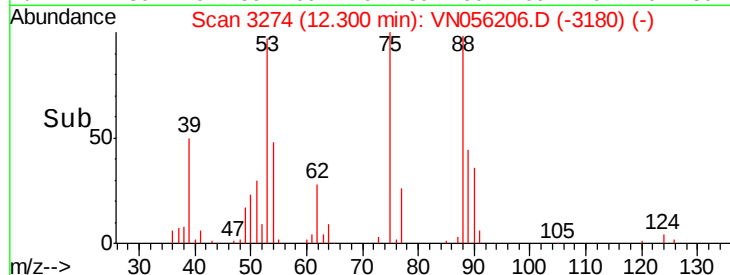
89 44.4 36.9 55.3



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: 47.146 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056206.D

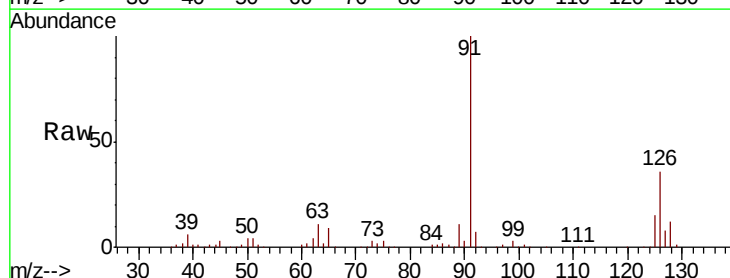
Acq: 11 Jun 2019 7:41

Tgt Ion: 91 Resp: 391866

Ion Ratio Lower Upper

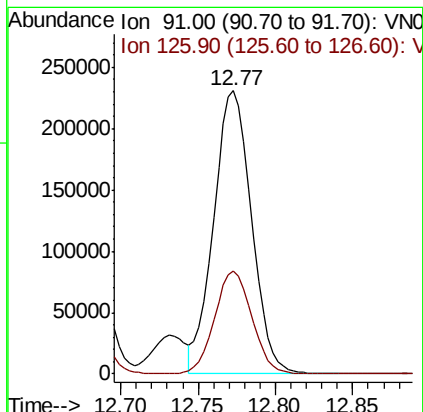
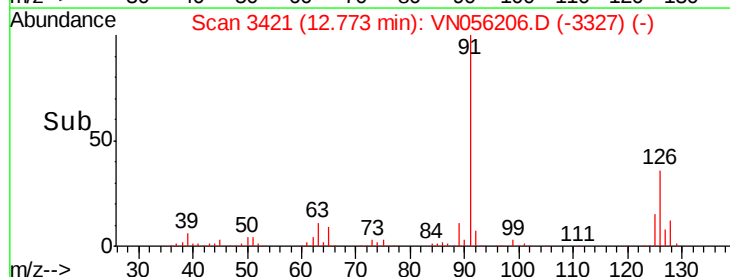
91 100

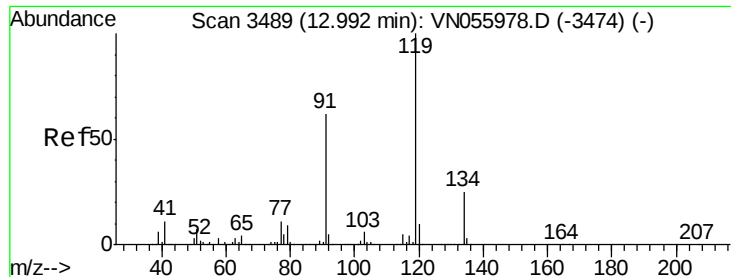
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.122 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

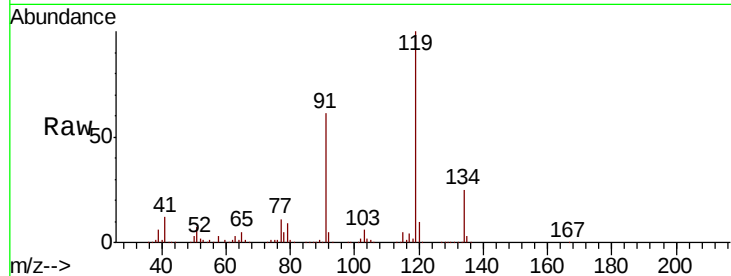
Tot Ion:119 Resp: 455613

Ion Ratio Lower Upper

119 100

91 60.7 30.9 92.8

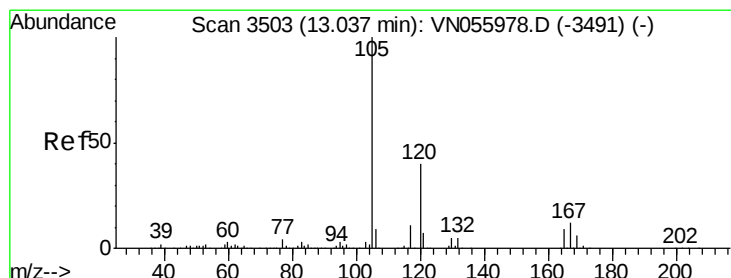
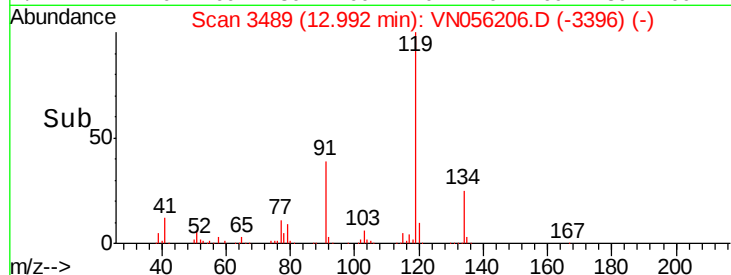
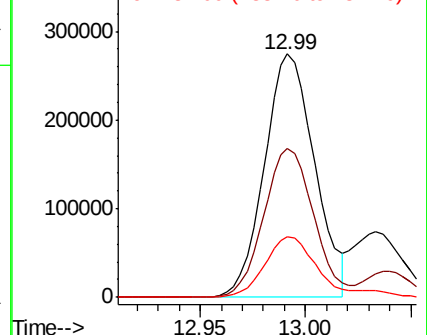
134 27.1 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.114 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056206.D

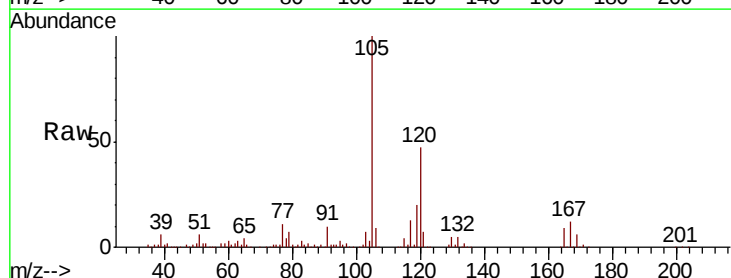
Acq: 11 Jun 2019 7:41

Tgt Ion:105 Resp: 504465

Ion Ratio Lower Upper

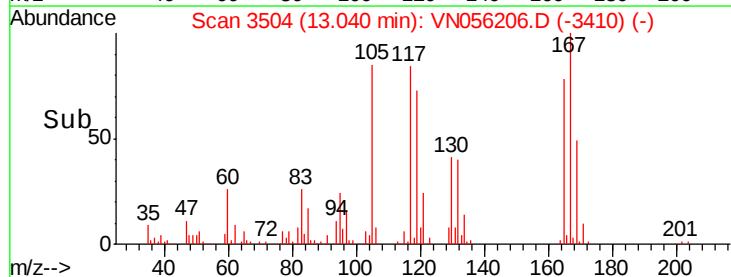
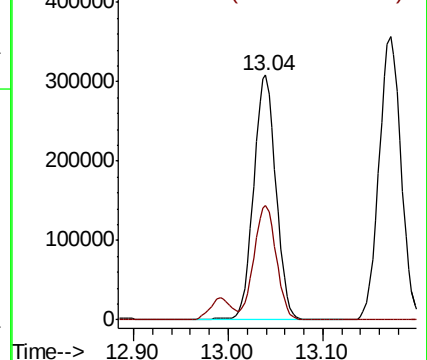
105 100

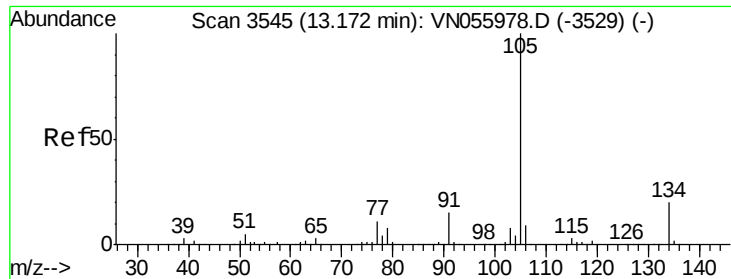
120 46.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.649 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

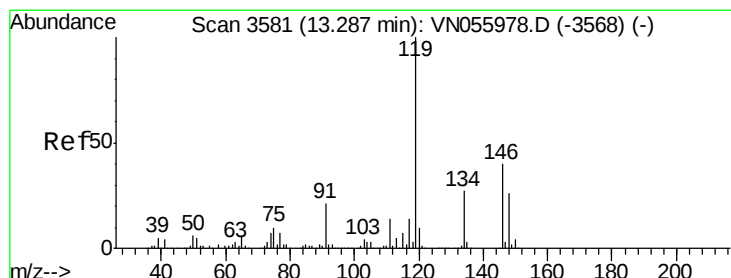
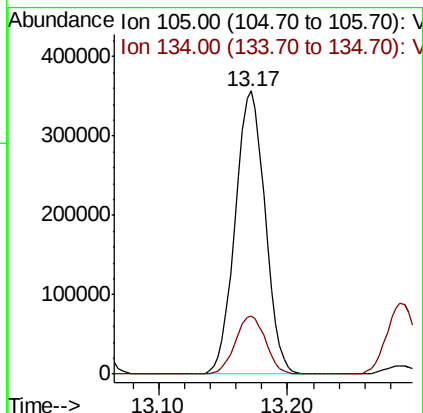
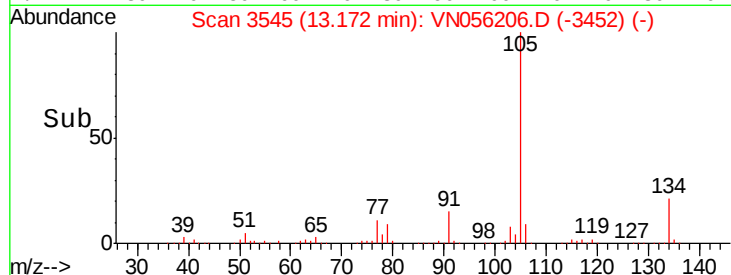
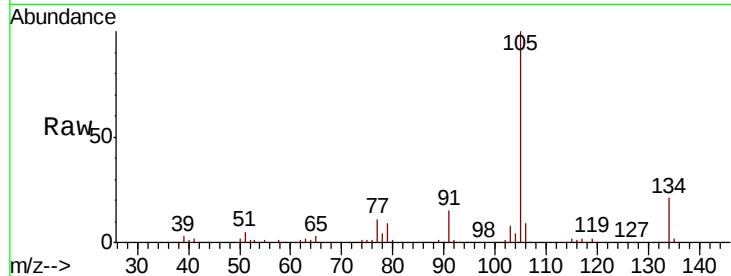
ClientSampleId :

Tot Ion:105 Resp: 574339

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 45.702 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

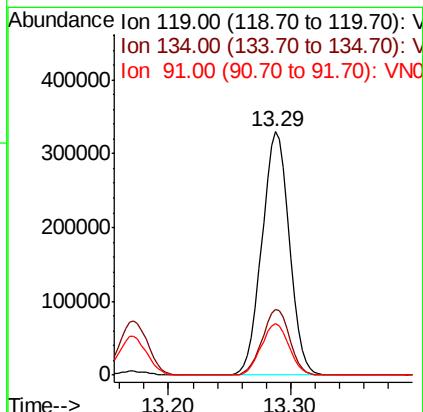
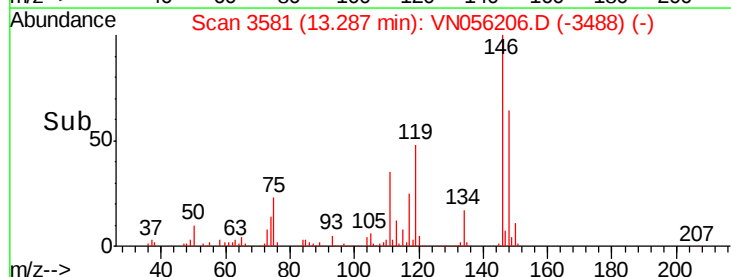
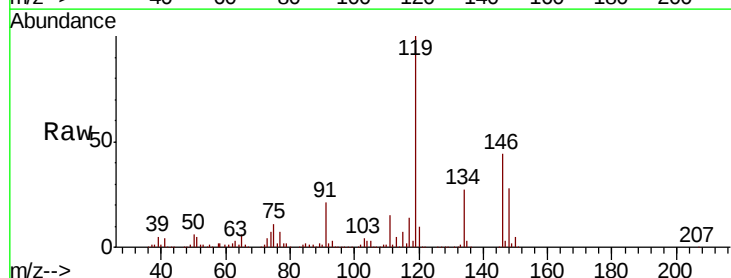
Tgt Ion:119 Resp: 514613

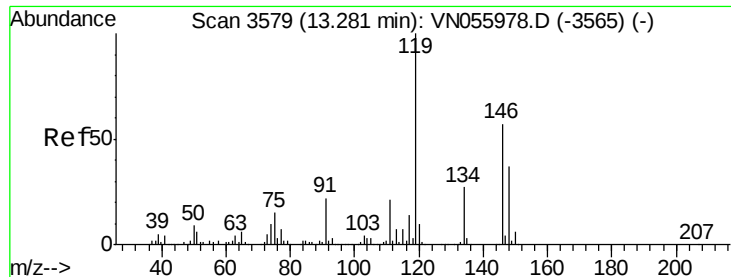
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.329 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

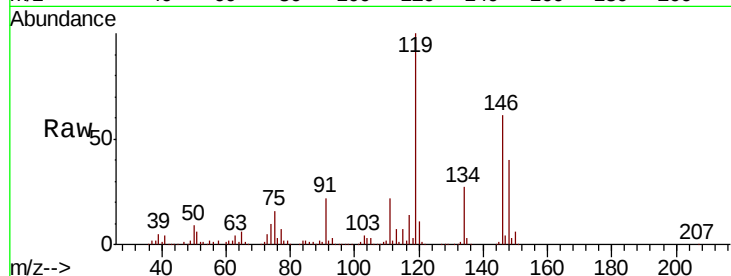
Tot Ion:146 Resp: 274500

Ion Ratio Lower Upper

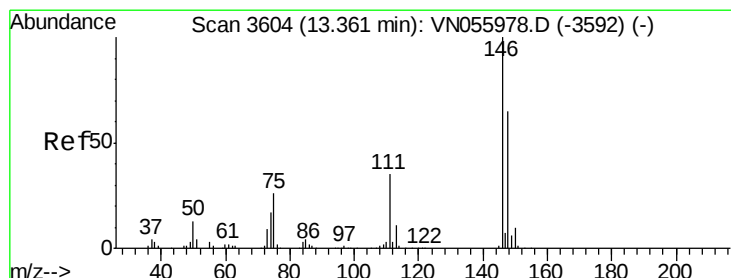
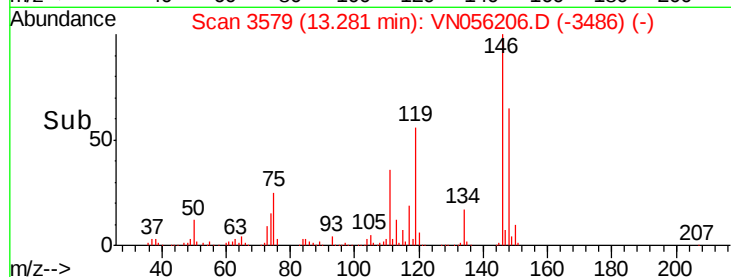
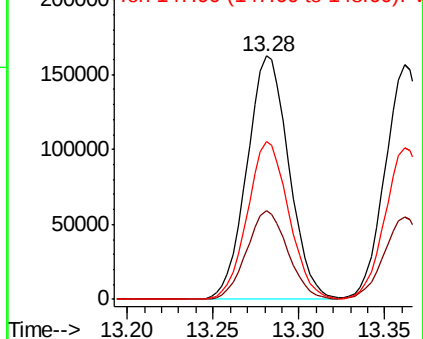
146 100

111 35.6 18.5 55.5

148 63.8 32.0 96.2



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: 49.216 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

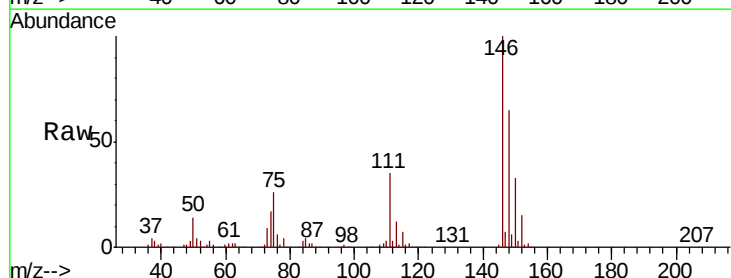
Tgt Ion:146 Resp: 263451

Ion Ratio Lower Upper

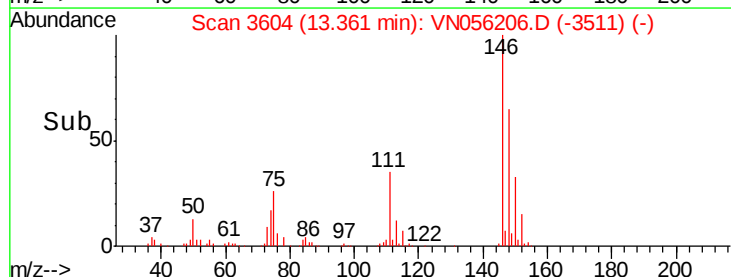
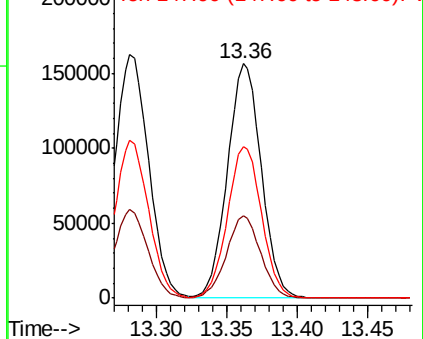
146 100

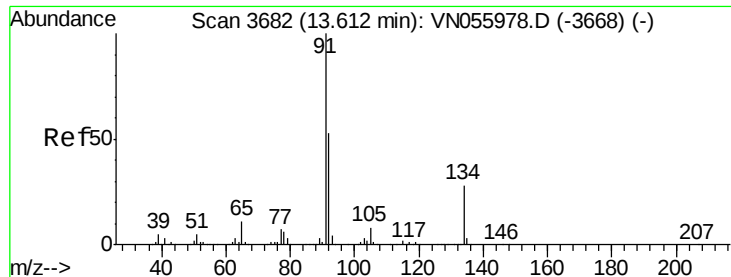
111 35.5 18.1 54.4

148 65.1 32.1 96.5



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

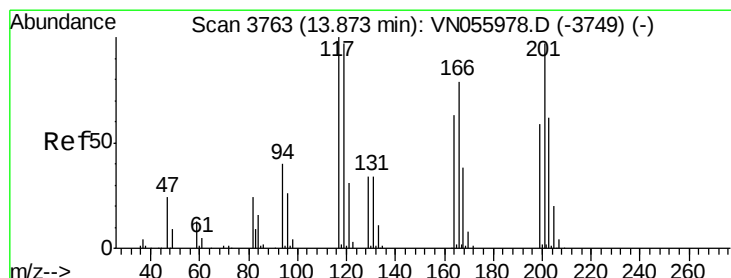
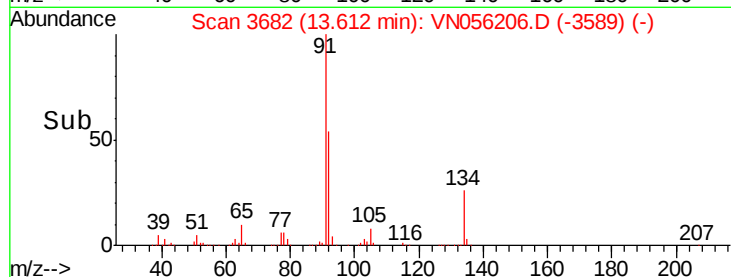
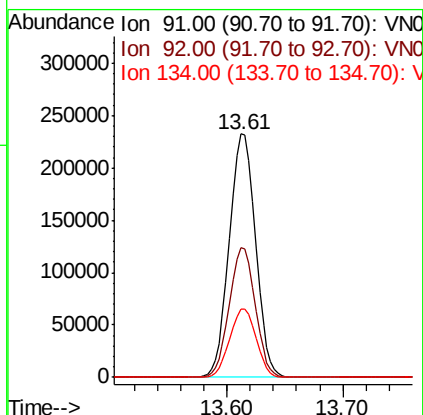
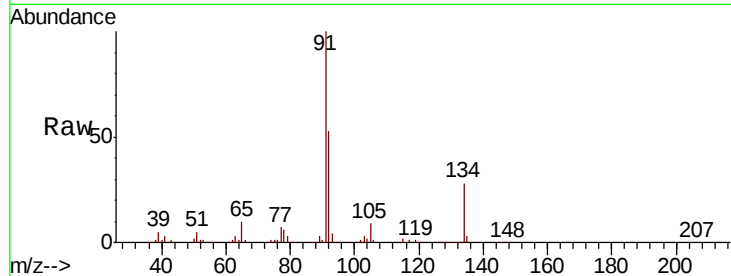




#89
n-Butylbenzene
Concen: 43.516 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

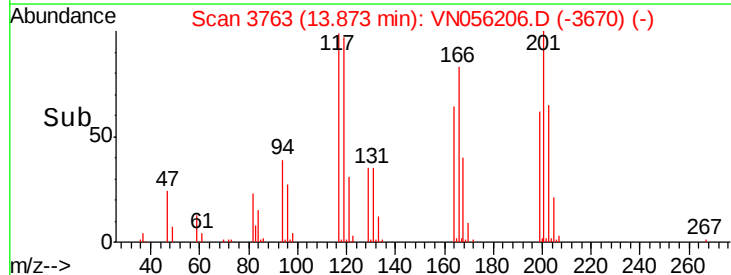
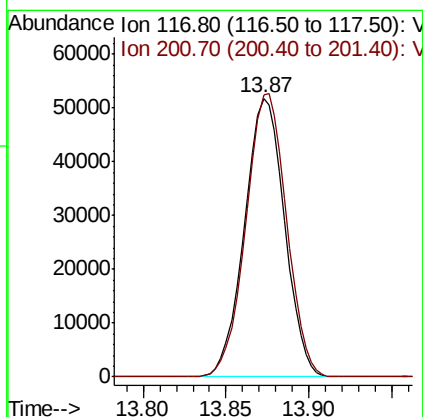
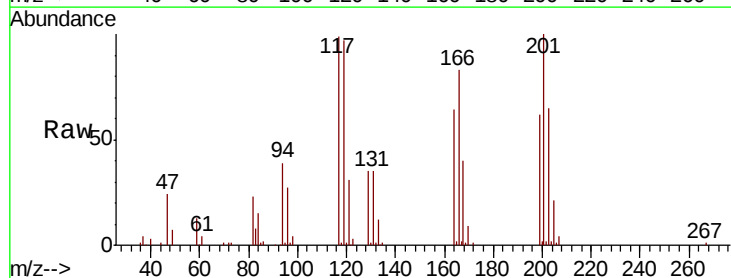
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 362983
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 28.4 13.9 41.7



#90
Hexachloroethane
Concen: 51.312 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 117 Resp: 87134
Ion Ratio Lower Upper
117 100
201 102.9 50.0 150.0

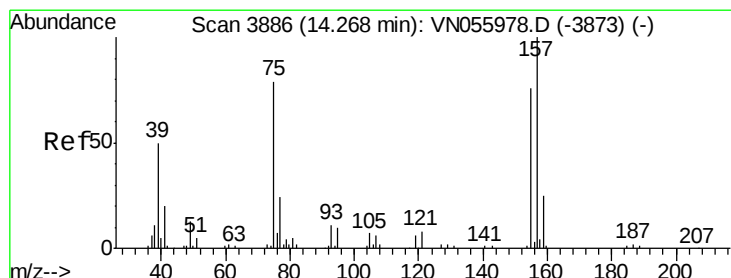
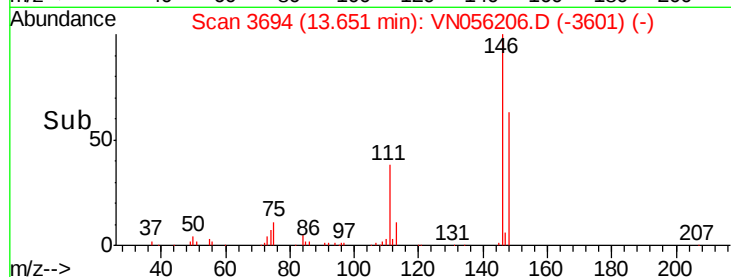
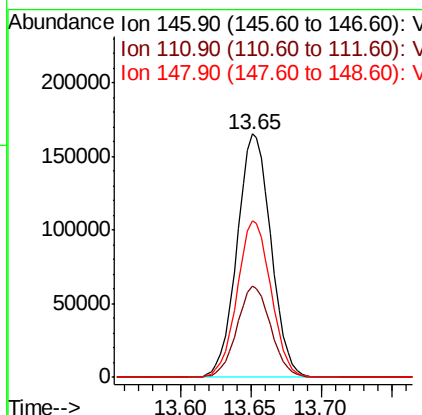
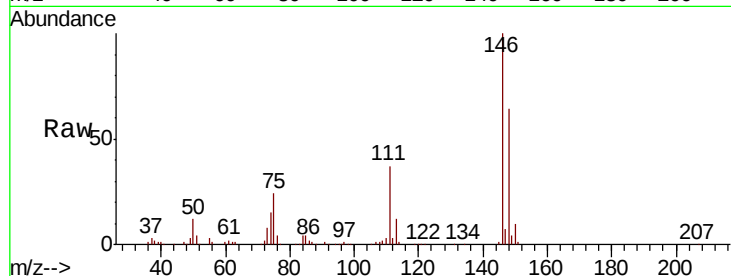




#91
 1,2-Dichlorobenzene
 Concen: 49.639 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

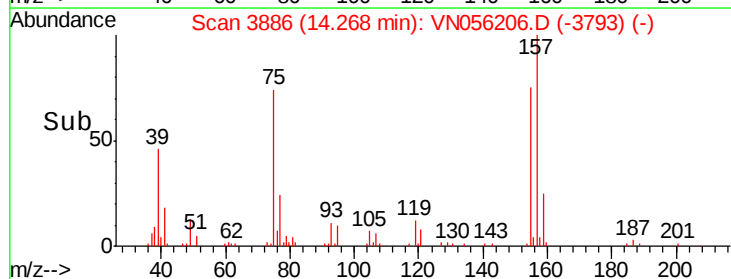
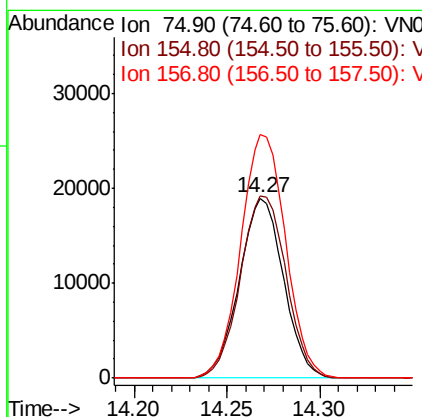
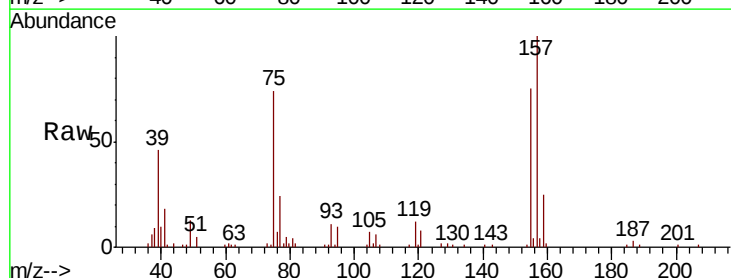
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.5
148	64.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.605 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.8	50.0	150.1
157	137.4	64.8	194.3

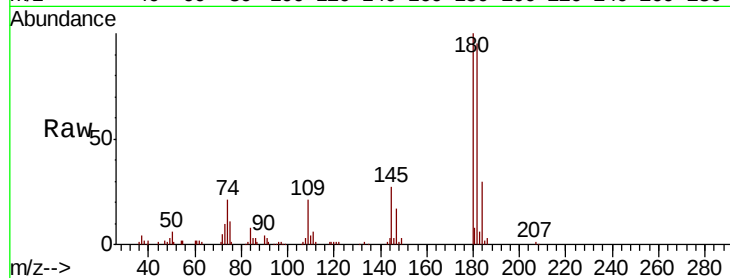




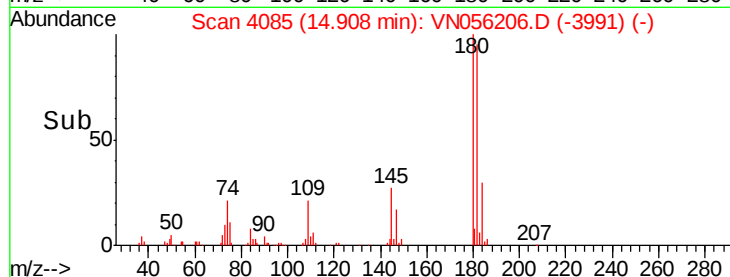
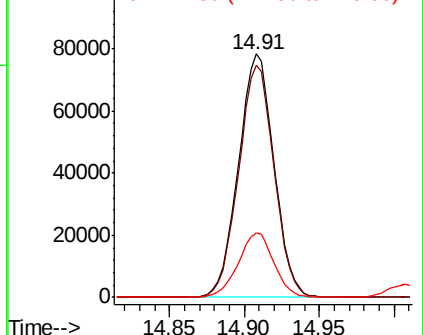
#93
 1,2,4-Trichlorobenzene
 Concen: 42.424 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 129153
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 26.3 14.0 41.9

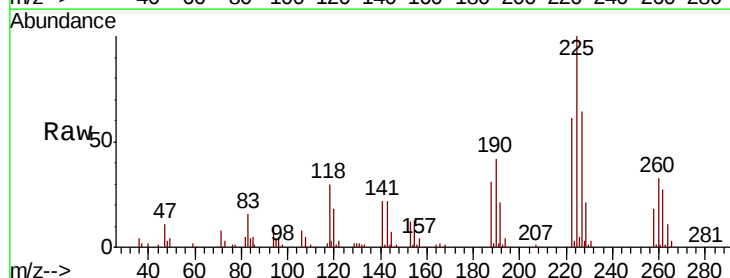


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

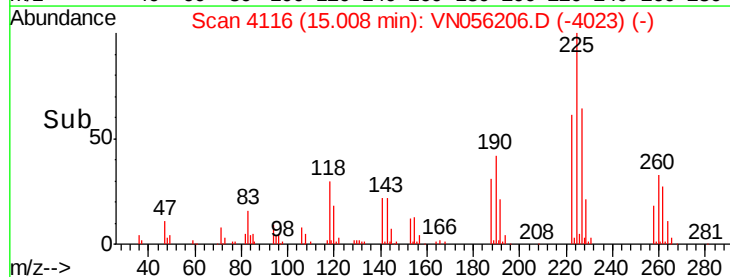
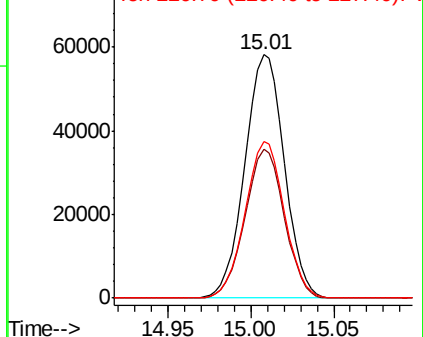


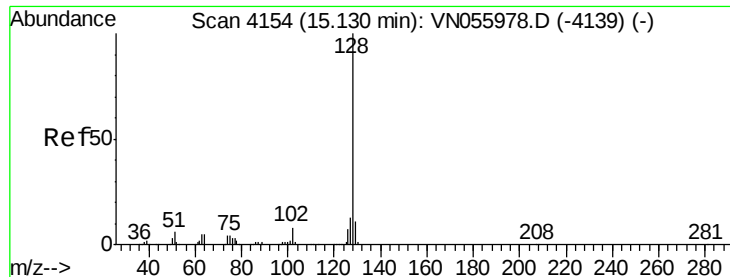
#94
 Hexachlorobutadiene
 Concen: 50.044 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:225 Resp: 96426
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.9 92.7
 227 63.7 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

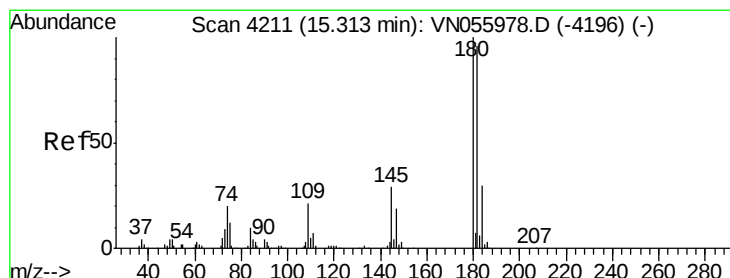
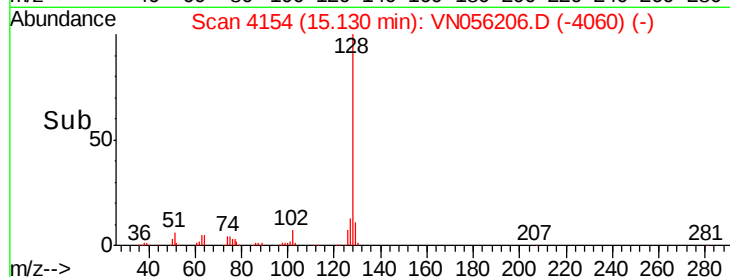
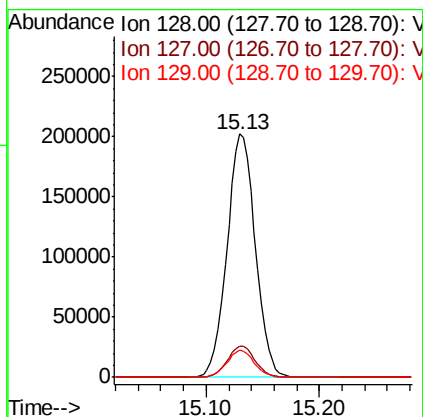
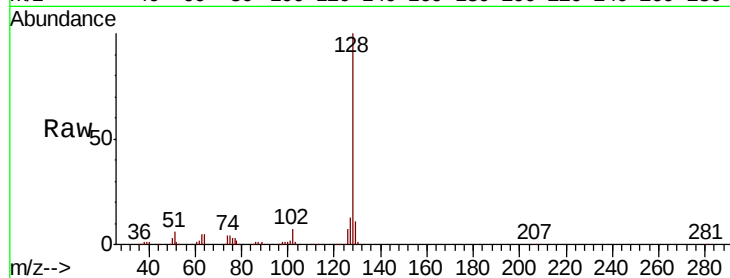




#95
Naphthalene
Concen: 44.254 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 351610
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.499 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:180 Resp: 145999
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 28.6 14.9 44.7

