

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056297.D
 Acq On : 13 Jun 2019 21:28
 Operator : JC/SP
 Sample : K3345-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:16:12 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	318967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	175470	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.59	113	158663	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.09	98	567872	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	191928	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	159937	45.673	ug/l	99
3) Chloromethane	2.06	50	179404	51.887	ug/l	100
4) Vinyl Chloride	2.18	62	176929	51.013	ug/l	100
5) Bromomethane	2.52	94	83845	38.270	ug/l	99
6) Chloroethane	2.67	64	94873	47.179	ug/l	98
7) Trichlorofluoromethane	3.00	101	225443	50.917	ug/l	97
8) Diethyl Ether	3.40	74	93263	51.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	139933	52.027	ug/l	98
10) Methyl Iodide	3.94	142	150311	35.167	ug/l	98
11) Tert butyl alcohol	4.82	59	138446	251.200	ug/l #	90
12) 1,1-Dichloroethene	3.72	96	138413	51.691	ug/l	97
13) Acrolein	3.60	56	35039	220.436	ug/l	96
14) Allyl chloride	4.31	41	229186	54.204	ug/l	97
15) Acrylonitrile	4.99	53	426432	317.846	ug/l	99
16) Acetone	3.82	43	346863	228.996	ug/l	99
17) Carbon Disulfide	4.03	76	301312	46.997	ug/l	99
18) Methyl Acetate	4.33	43	172389	58.032	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	469146	54.966	ug/l	94
20) Methylene Chloride	4.54	84	165953	53.179	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	143624	50.060	ug/l	97
22) Diisopropyl ether	5.96	45	488243	55.861	ug/l	99
23) Vinyl Acetate	5.90	43	1650396	239.778	ug/l	99
24) 1,1-Dichloroethane	5.84	63	282324	55.997	ug/l	99
25) 2-Butanone	6.84	43	555759	290.397	ug/l	100
26) 2,2-Dichloropropane	6.82	77	138986	35.328	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	178514	52.933	ug/l	97
28) Bromochloromethane	7.19	49	135601	56.874	ug/l	97
29) Tetrahydrofuran	7.22	42	372985	315.290	ug/l	98
30) Chloroform	7.37	83	283471	55.891	ug/l	99
31) Cyclohexane	7.65	56	245695	48.890	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	228234	53.888	ug/l	98
36) 1,1-Dichloropropene	7.79	75	200730	47.693	ug/l	99
37) Ethyl Acetate	6.94	43	185046	49.414	ug/l	99
38) Carbon Tetrachloride	7.77	117	192954	49.727	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	236343	45.078	ug/l	100
40) Benzene	8.04	78	640183	50.081	ug/l	99
41) Methacrylonitrile	7.18	41	112147	65.090	ug/l	98
42) 1,2-Dichloroethane	8.12	62	216618	52.681	ug/l	99
43) Isopropyl Acetate	8.17	43	302048	49.775	ug/l #	92
44) Trichloroethene	8.83	130	175700	47.833	ug/l	100
45) 1,2-Dichloropropane	9.12	63	174018	53.147	ug/l	100
46) Dibromomethane	9.21	93	115368	53.882	ug/l	96
47) Bromodichloromethane	9.40	83	212711	54.814	ug/l	98
48) Methyl methacrylate	9.20	41	169411	57.064	ug/l	99
49) 1,4-Dioxane	9.21	88	73131	1141.017	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1100220	289.926	ug/l	99
52) Toluene	10.16	92	395529	49.725	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	207254	45.766	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	235557	50.499	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167816	53.260	ug/l	97
56) Ethyl methacrylate	10.43	69	252820	55.000	ug/l	99
57) 1,3-Dichloropropane	10.71	76	279641	54.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.74	63	1153	15.470	ug/l #	46
59) 2-Hexanone	10.75	43	765926	278.477	ug/l	99
60) Dibromochloromethane	10.90	129	174245	50.134	ug/l	99
61) 1,2-Dibromoethane	11.00	107	172893	53.675	ug/l	100
64) Tetrachloroethene	10.63	164	156931	41.401	ug/l	99
65) Chlorobenzene	11.43	112	432645	49.643	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	163001	54.167	ug/l	99
67) Ethyl Benzene	11.51	91	1074635	70.914	ug/l	100
68) m/p-Xylenes	11.62	106	682954	117.974	ug/l	100
69) o-Xylene	11.95	106	275778	48.429	ug/l	98
70) Styrene	11.96	104	466903	51.605	ug/l	100
71) Bromoform	12.13	173	128189	50.699	ug/l #	99
73) Isopropylbenzene	12.25	105	807609	60.889	ug/l	100
74) N-amyl acetate	12.07	43	230869	46.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	239417	54.945	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	271555	78.625	ug/l #	100
77) Bromobenzene	12.53	156	195441	48.633	ug/l	99
78) n-propylbenzene	12.59	91	864907	54.467	ug/l	99
79) 2-Chlorotoluene	12.67	91	491050	56.032	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	628529	49.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52202	50.334	ug/l	92
82) 4-Chlorotoluene	12.77	91	465147	50.069	ug/l	100
83) tert-Butylbenzene	12.99	119	528726	54.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	763277	63.777	ug/l	100
85) sec-Butylbenzene	13.17	105	688190	48.937	ug/l	100
86) p-Isopropyltoluene	13.29	119	607294	48.253	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	312533	50.249	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	301051	50.317	ug/l	99
89) n-Butylbenzene	13.61	91	449286	48.190	ug/l	100
90) Hexachloroethane	13.87	117	104552	55.085	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	318242	50.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39775	63.820	ug/l	98

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Response via : Initial Calibration

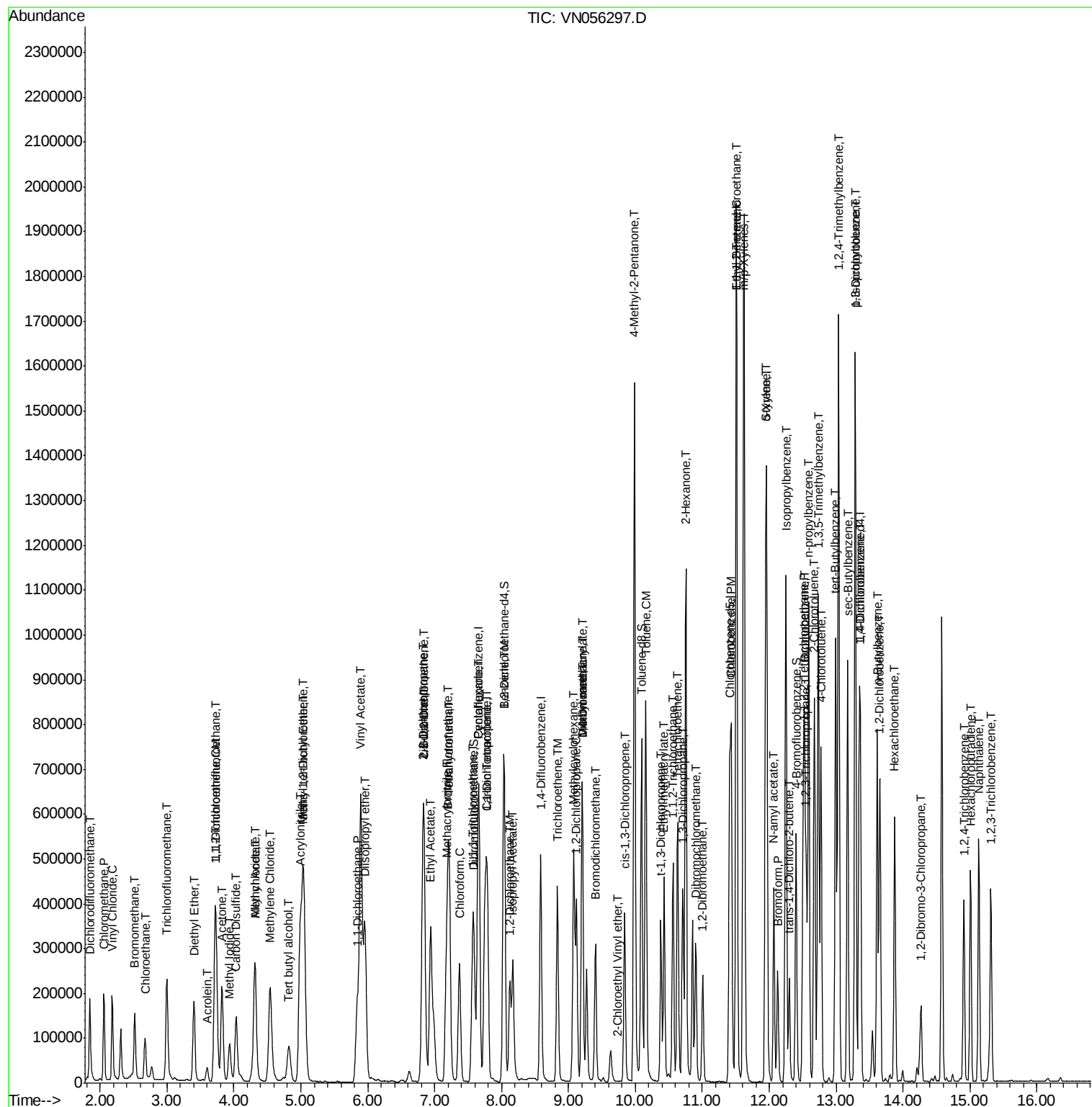
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	144513	42.465	ug/l	99
94) Hexachlorobutadiene	15.01	225	104883	48.642	ug/l	98
95) Naphthalene	15.13	128	481092	53.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	165924	47.229	ug/l	98

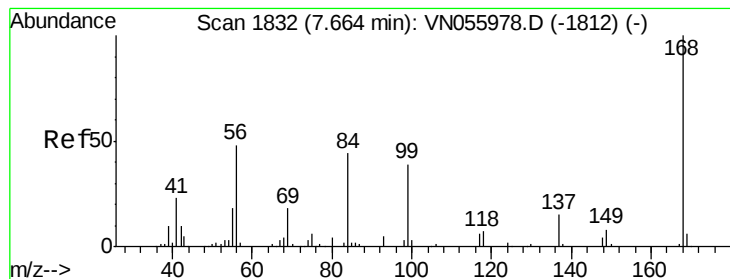
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

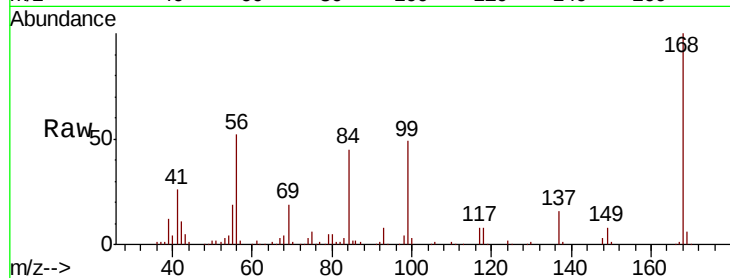
ClientSampled :

Tot Ion:168 Resp: 318967

Ion Ratio Lower Upper

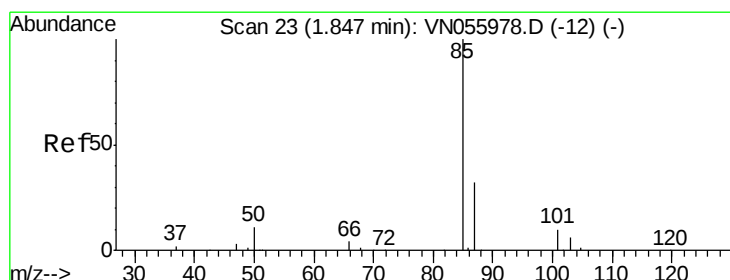
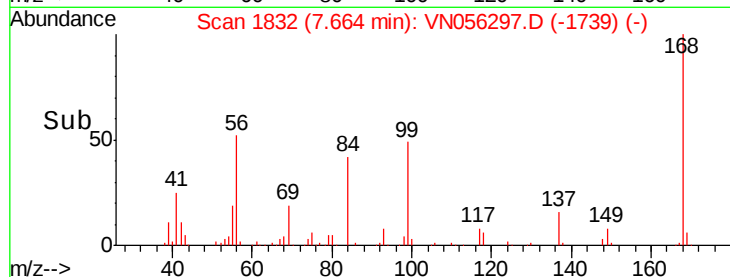
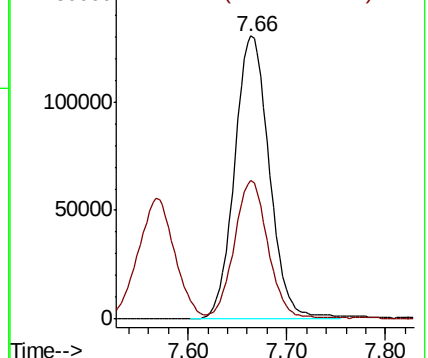
168 100

99 48.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 45.673 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056297.D

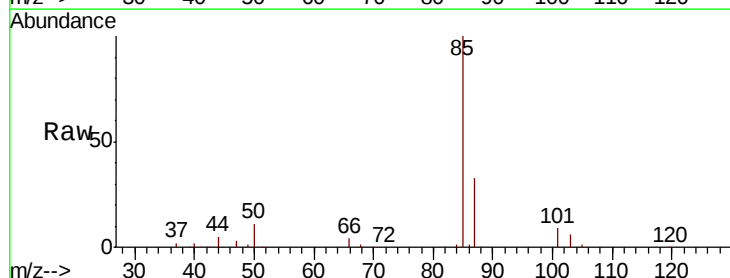
Acq: 13 Jun 2019 21:28

Tgt Ion: 85 Resp: 159937

Ion Ratio Lower Upper

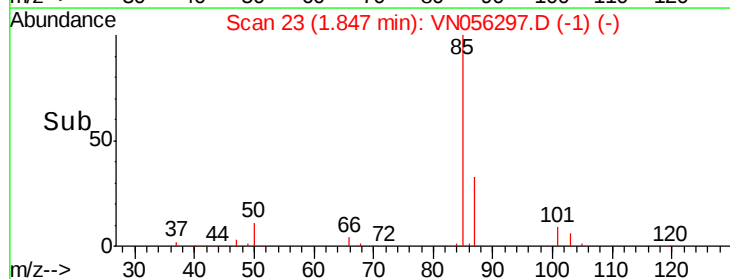
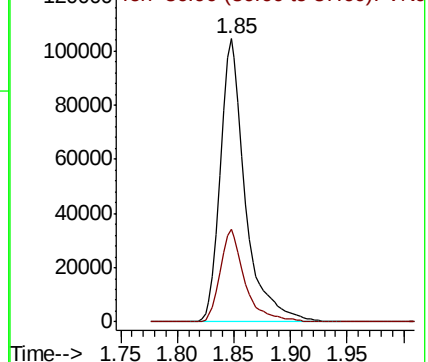
85 100

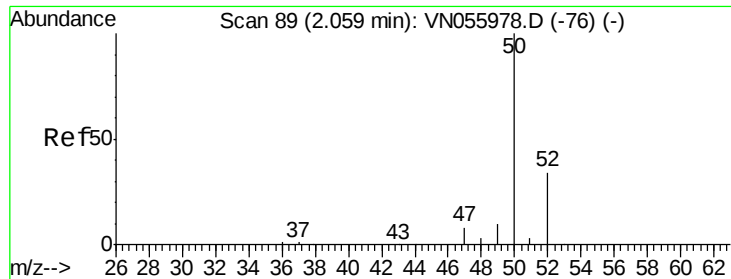
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 51.887 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

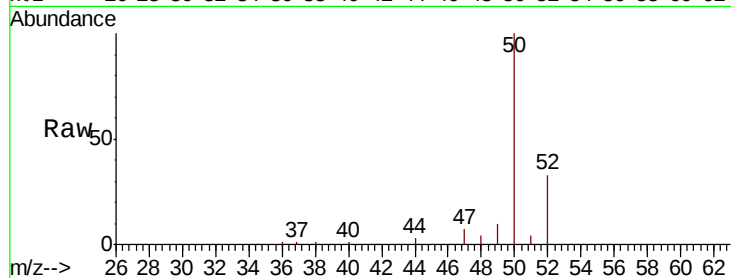
ClientSampled :

Tot Ion: 50 Resp: 179404

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

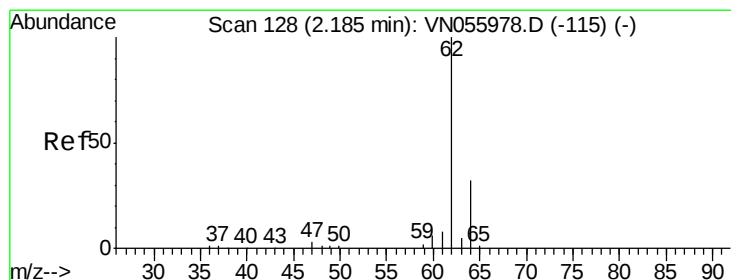
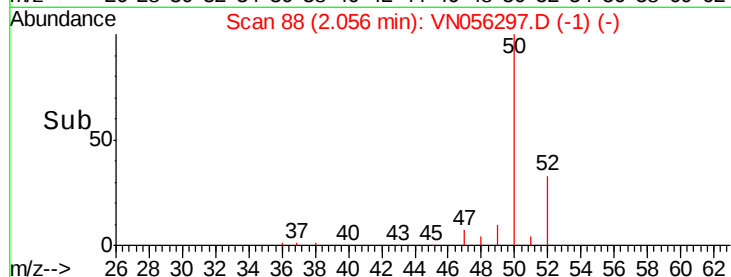
2.06

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.013 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056297.D

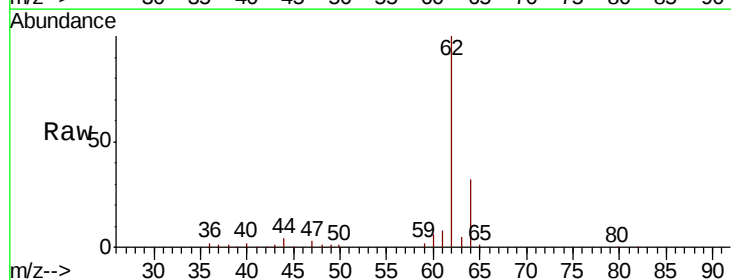
Acq: 13 Jun 2019 21:28

Tgt Ion: 62 Resp: 176929

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

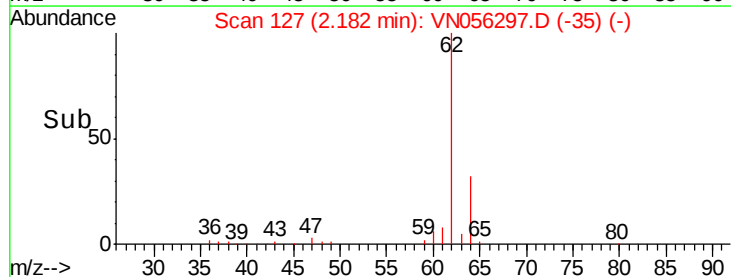
2.18

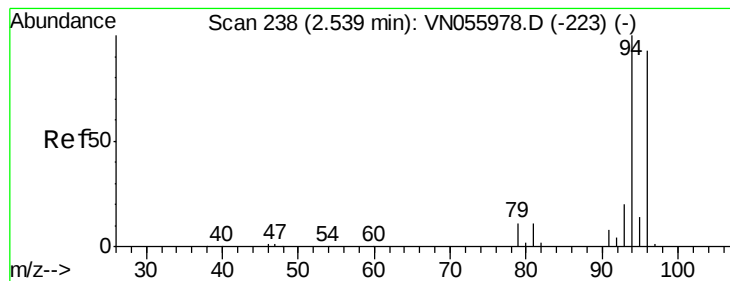
100000

50000

0

Time-->





#5

Bromomethane

Concen: 38.270 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

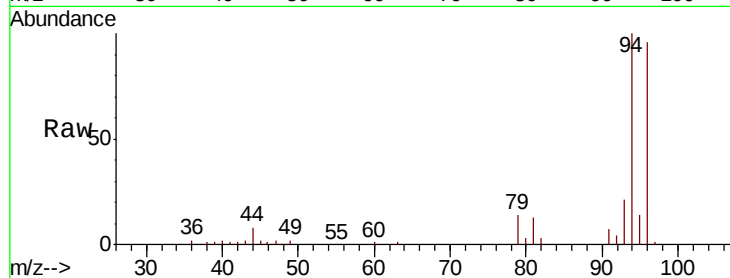
ClientSampled :

Tot Ion: 94 Resp: 83845

Ion Ratio Lower Upper

94 100

96 95.7 75.5 113.3

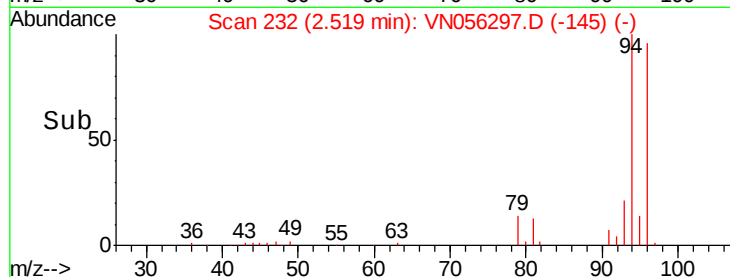


Abundance Ion 93.90 (93.60 to 94.60): VN055978.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN055978.D (-223) (-)

2.52

Time-->

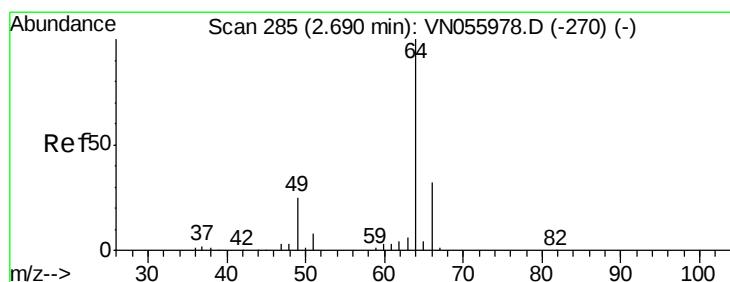


Abundance Ion 93.90 (93.60 to 94.60): VN056297.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN056297.D (-145) (-)

2.52

Time-->



#6

Chloroethane

Concen: 47.179 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.02 min

Lab File: VN056297.D

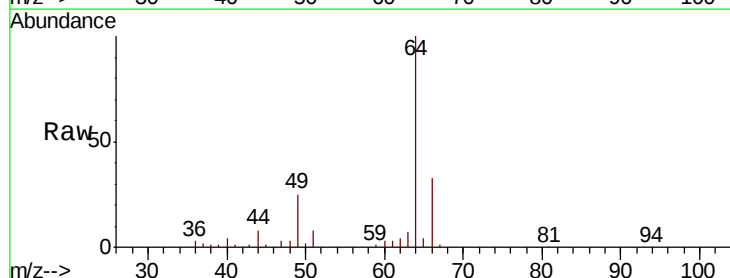
Acq: 13 Jun 2019 21:28

Tgt Ion: 64 Resp: 94873

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.0

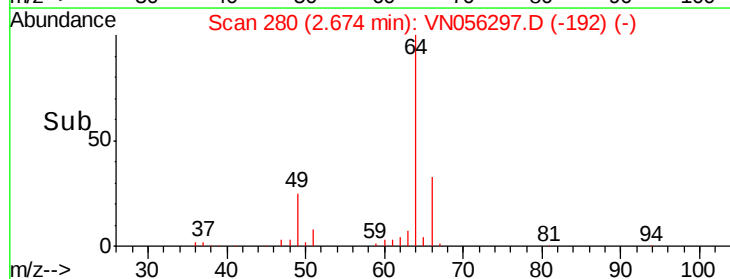


Abundance Ion 63.90 (63.60 to 64.60): VN055978.D (-270) (-)

Ion 65.90 (65.60 to 66.60): VN055978.D (-270) (-)

2.67

Time-->

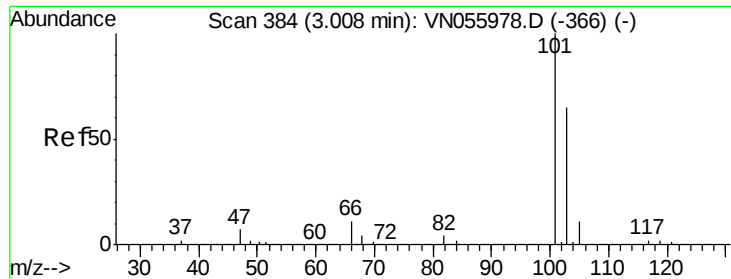


Abundance Ion 63.90 (63.60 to 64.60): VN056297.D (-192) (-)

Ion 65.90 (65.60 to 66.60): VN056297.D (-192) (-)

2.67

Time-->

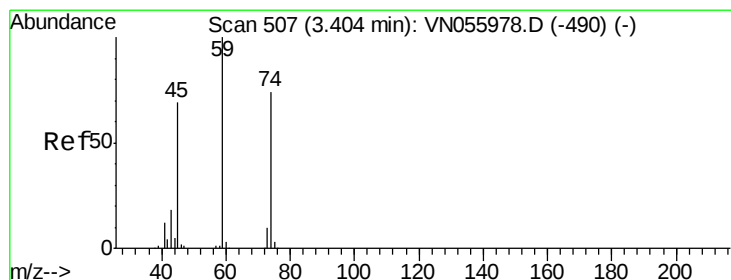
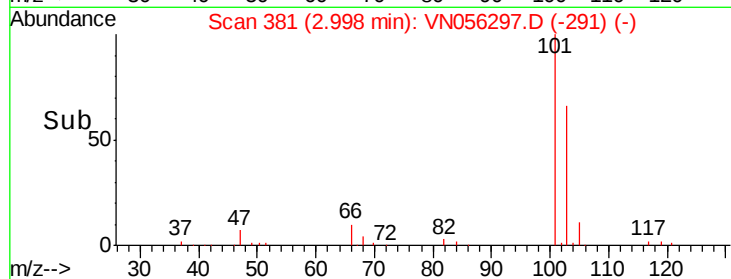
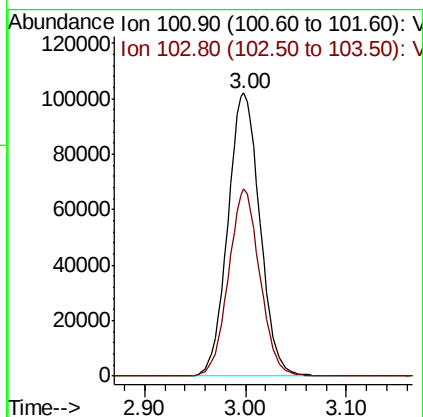
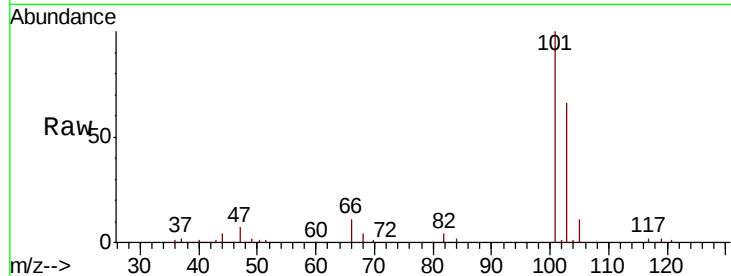


#7

Trichlorofluoromethane
Concen: 50.917 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

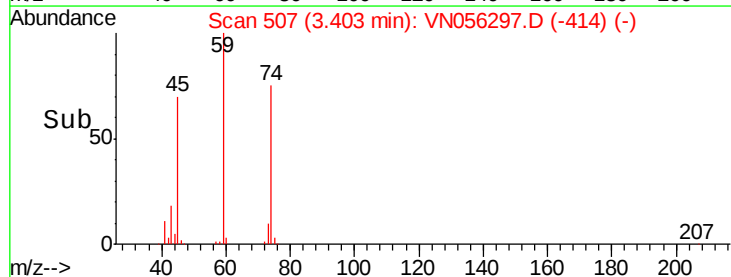
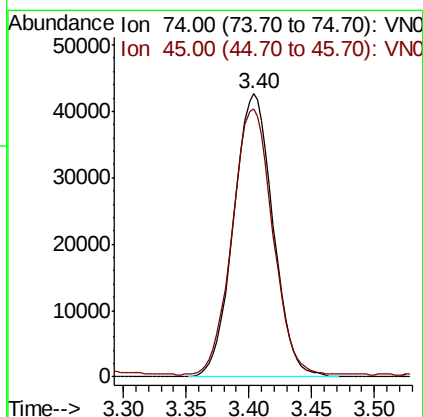
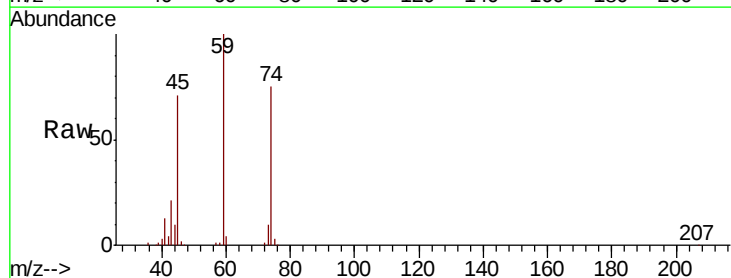
Tot Ion:101 Resp: 225443
Ion Ratio Lower Upper
101 100
103 66.0 51.2 76.8

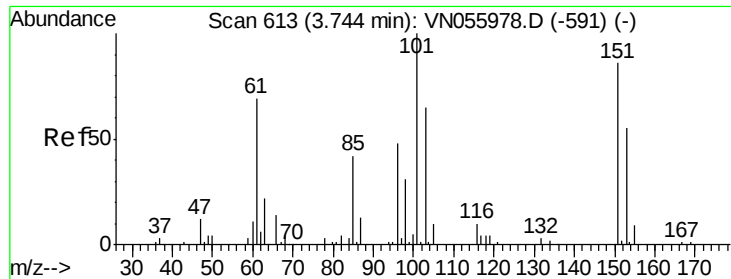


#8

Diethyl Ether
Concen: 51.220 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 74 Resp: 93263
Ion Ratio Lower Upper
74 100
45 95.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.027 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampled :

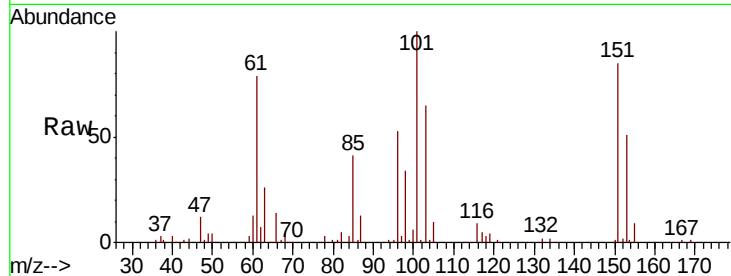
Tot Ion:101 Resp: 139933

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.2

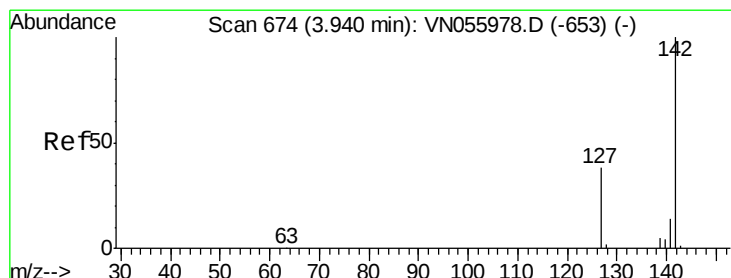
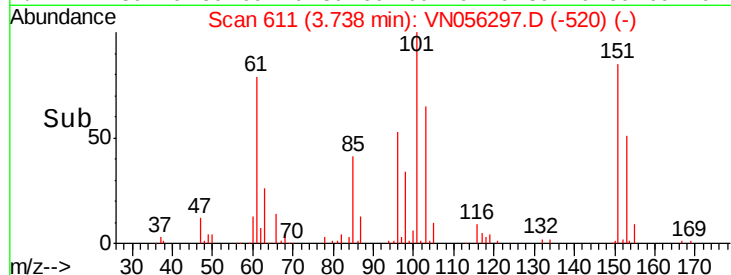
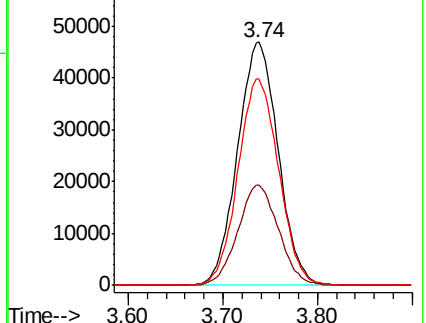
151 85.2 69.4 104.2



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: 35.167 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

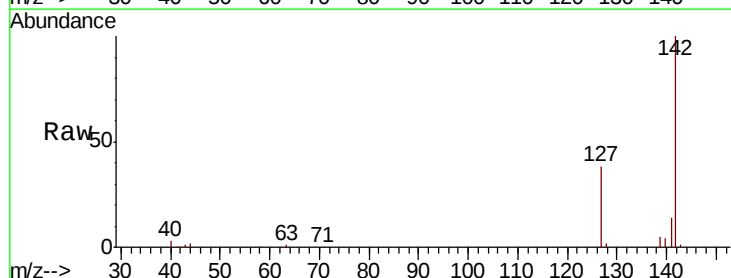
Tgt Ion:142 Resp: 150311

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.4

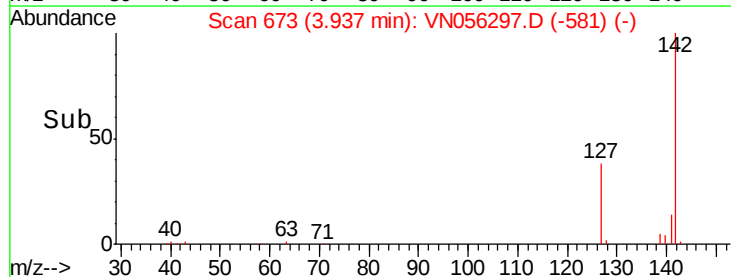
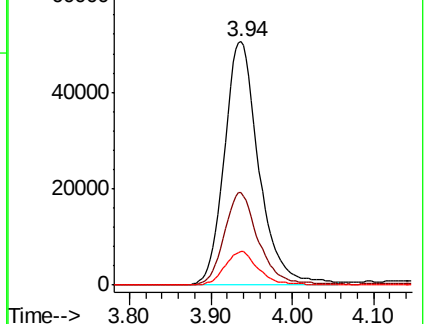
141 13.3 11.4 17.0

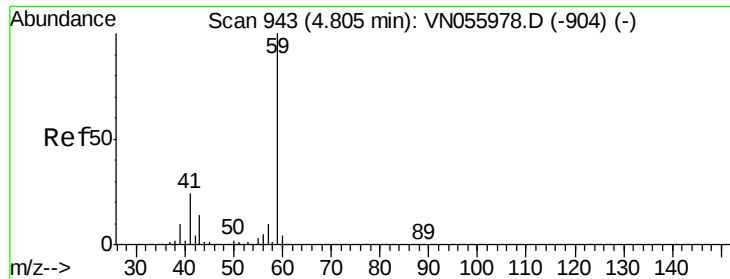


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

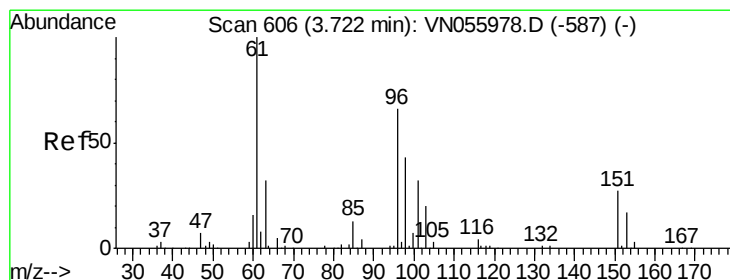
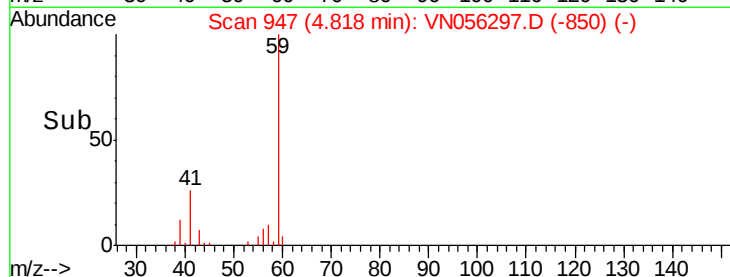
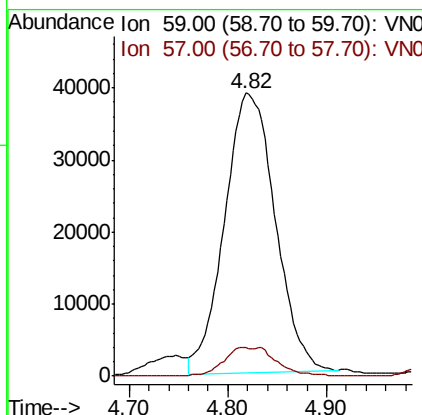
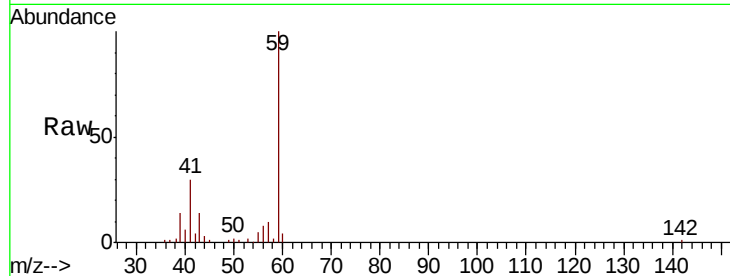




#11
Tert butyl alcohol
Concen: 251.200 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

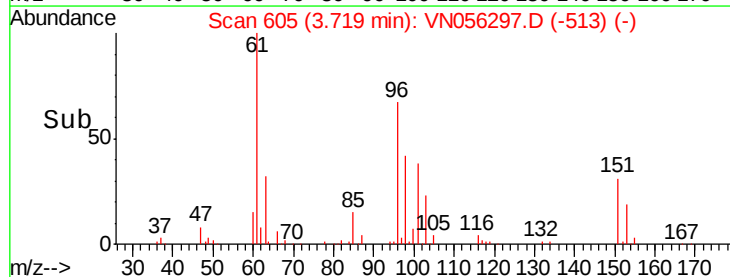
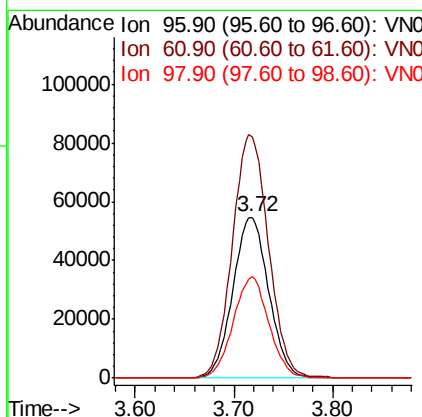
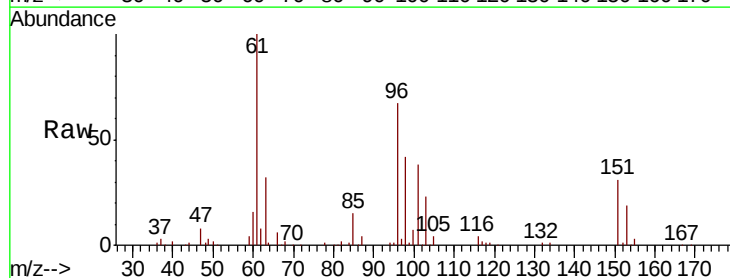
Instrument :
MSVOA_N
ClientSampleId :

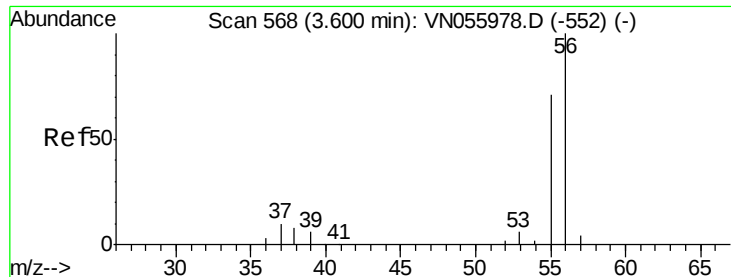
Tot Ion: 59 Resp: 138446
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 51.691 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 96 Resp: 138413
Ion Ratio Lower Upper
96 100
61 149.3 123.2 184.8
98 63.0 50.4 75.6

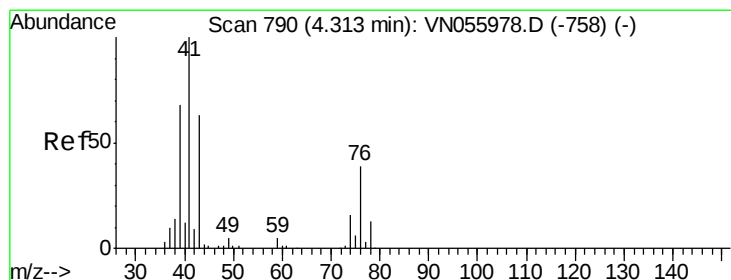
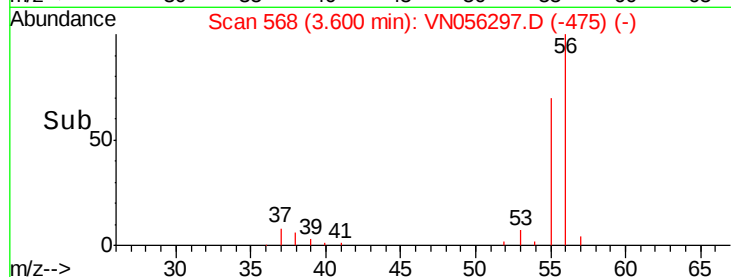
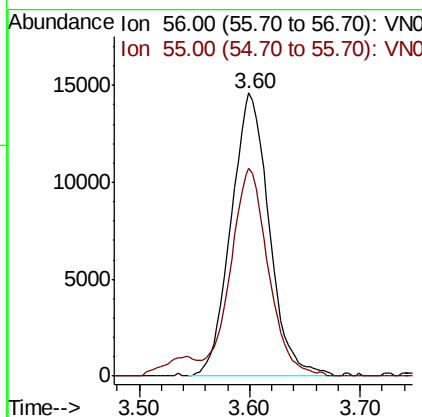
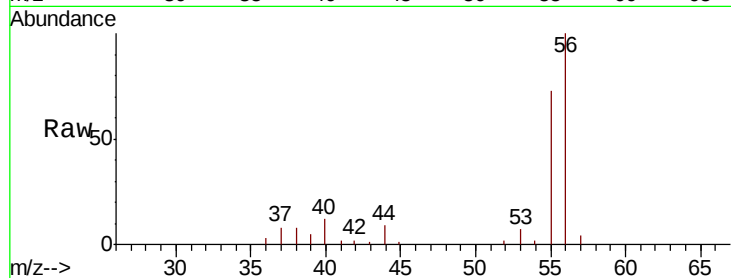




#13
Acrolein
Concen: 220.436 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

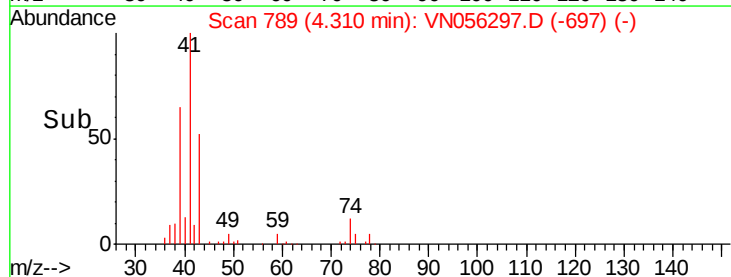
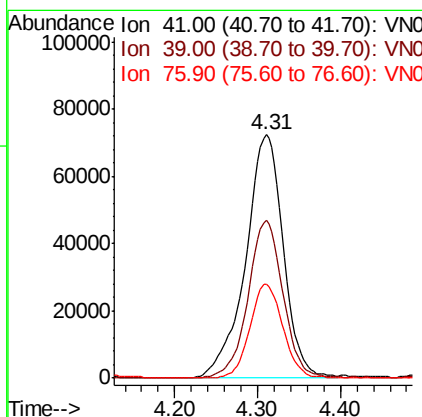
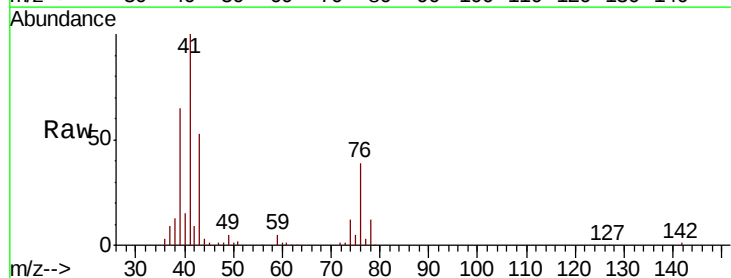
Instrument :
MSVOA_N
ClientSampleId :

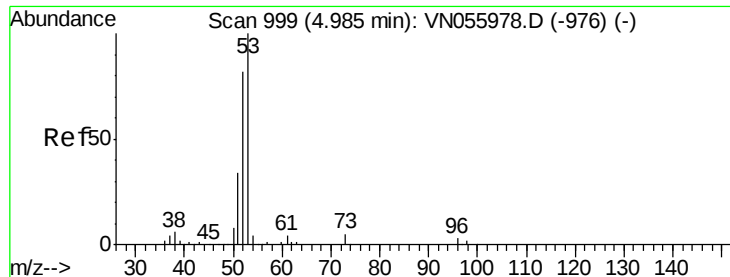
Tot Ion: 56 Resp: 35039
Ion Ratio Lower Upper
56 100
55 72.7 55.4 83.2



#14
Allyl chloride
Concen: 54.204 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 41 Resp: 229186
Ion Ratio Lower Upper
41 100
39 60.3 50.0 75.0
76 33.7 28.2 42.2





#15

Acrylonitrile

Concen: 317.846 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

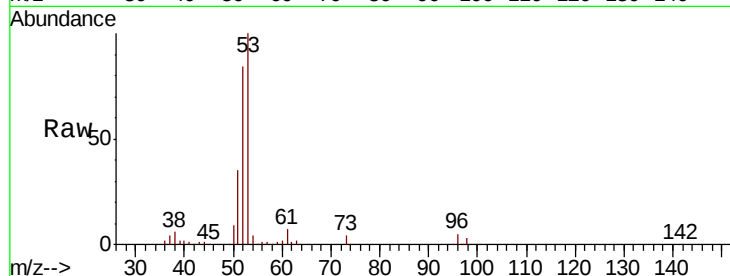
Tot Ion: 53 Resp: 426432

Ion Ratio Lower Upper

53 100

52 83.3 65.8 98.8

51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)

4.99

150000

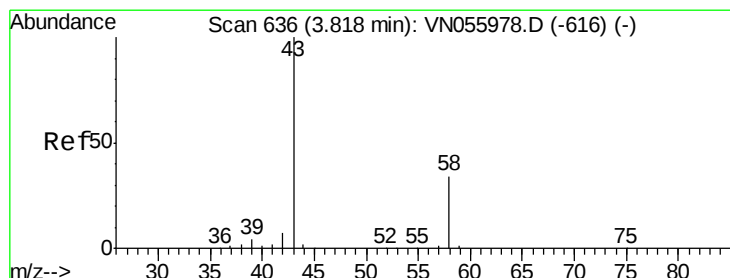
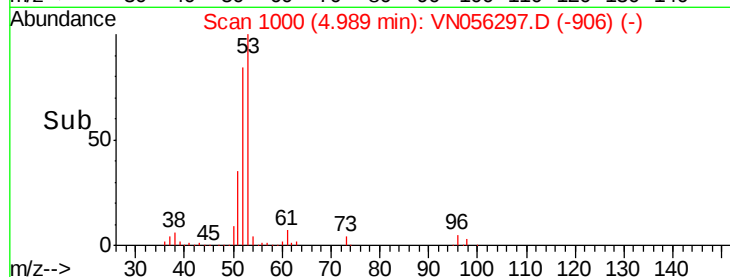
100000

50000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 228.996 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056297.D

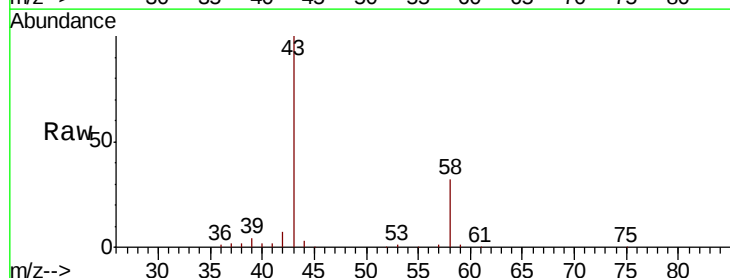
Acq: 13 Jun 2019 21:28

Tgt Ion: 43 Resp: 346863

Ion Ratio Lower Upper

43 100

58 32.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

150000

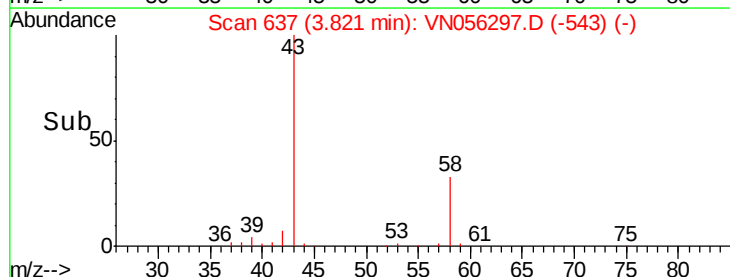
100000

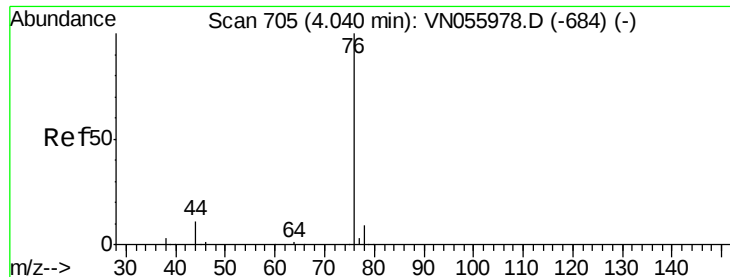
50000

0

3.70 3.80 3.90

Time-->

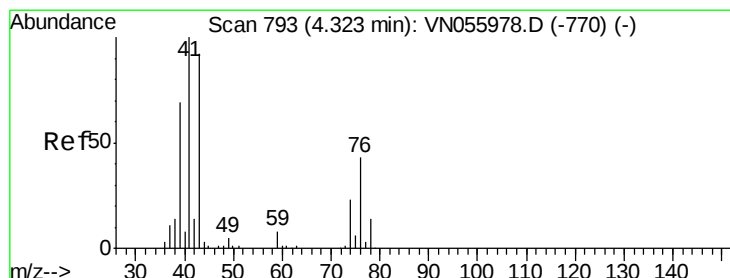
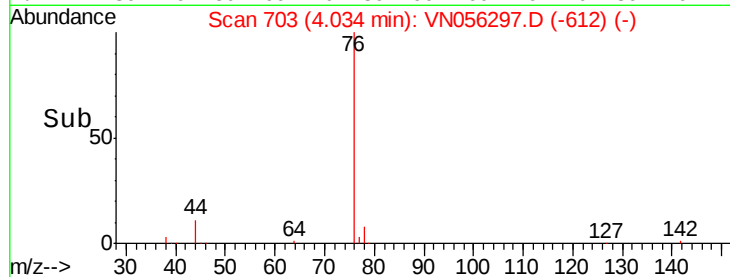
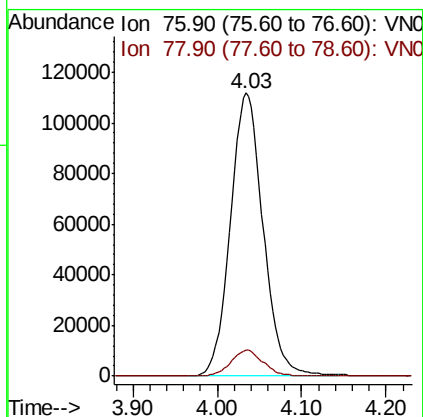
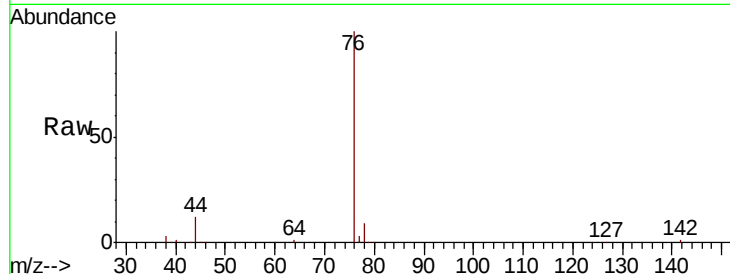




#17
Carbon Disulfide
Concen: 46.997 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

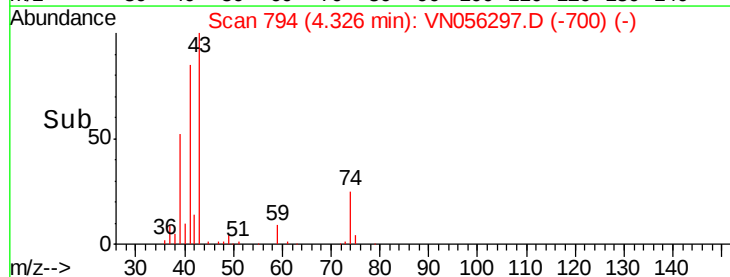
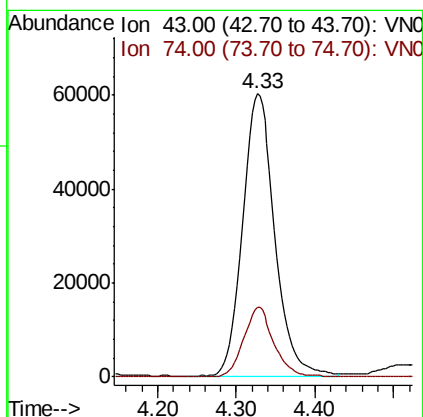
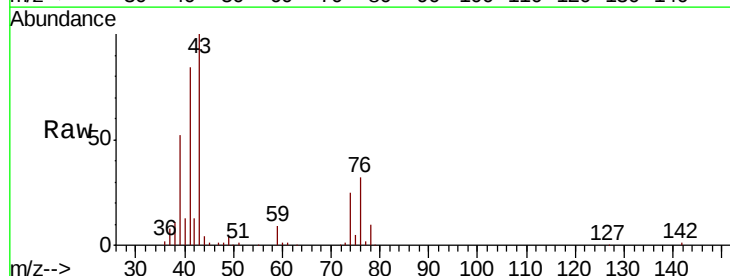
Instrument :
MSVOA_N
ClientSampled :

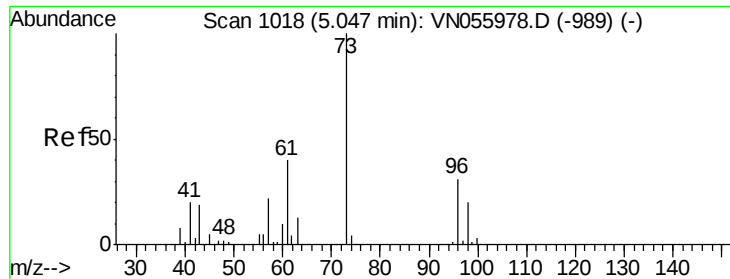
Tot Ion: 76 Resp: 301312
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.032 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 43 Resp: 172389
Ion Ratio Lower Upper
43 100
74 23.4 19.3 28.9

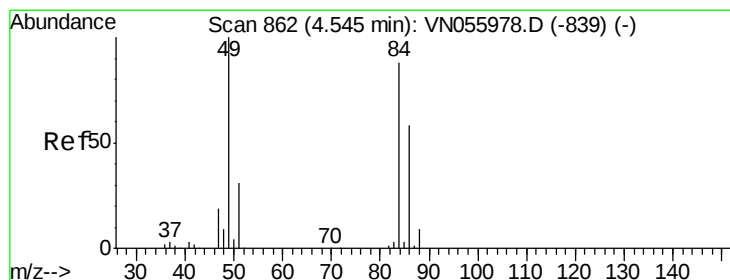
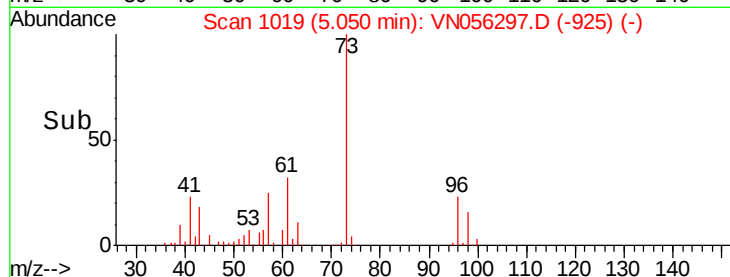
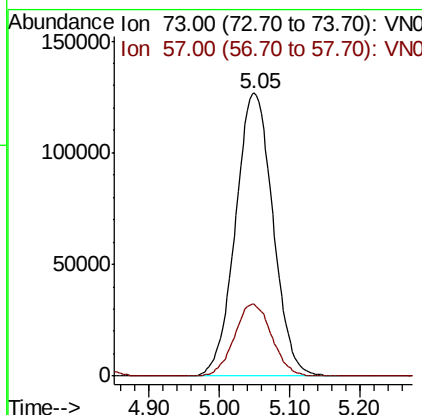
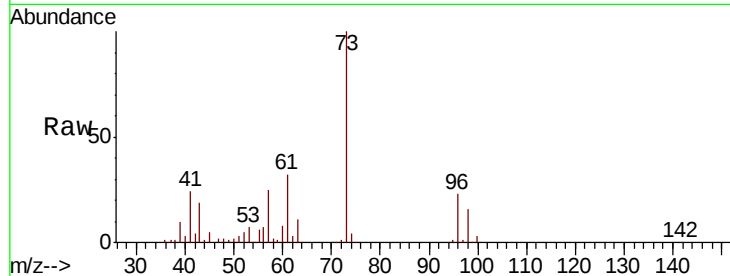




#19
Methyl tert-butyl Ether
Concen: 54.966 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

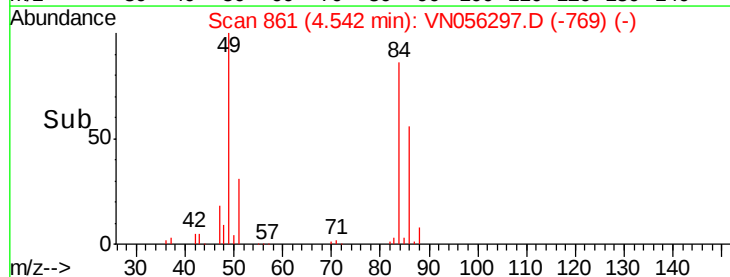
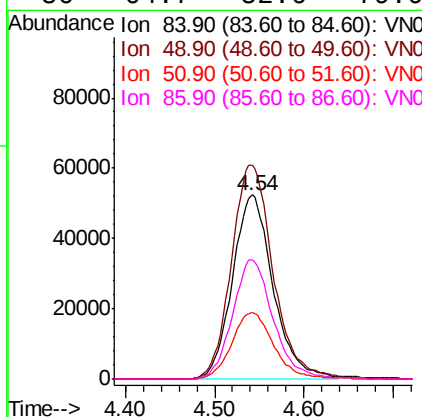
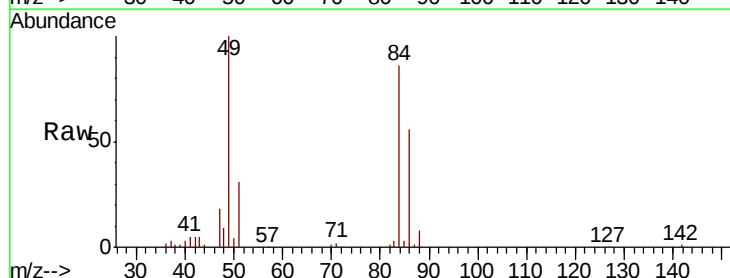
Instrument :
MSVOA_N
ClientSampled :

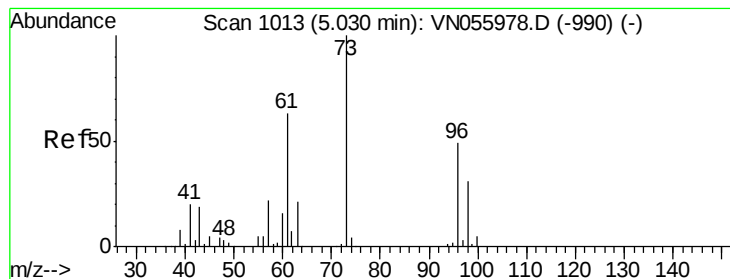
Tot Ion: 73 Resp: 469146
Ion Ratio Lower Upper
73 100
57 25.4 17.8 26.8



#20
Methylene Chloride
Concen: 53.179 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 84 Resp: 165953
Ion Ratio Lower Upper
84 100
49 115.9 93.5 140.3
51 35.8 28.6 43.0
86 64.7 52.6 79.0



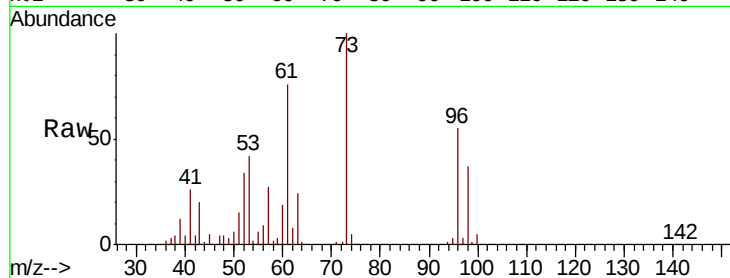


#21

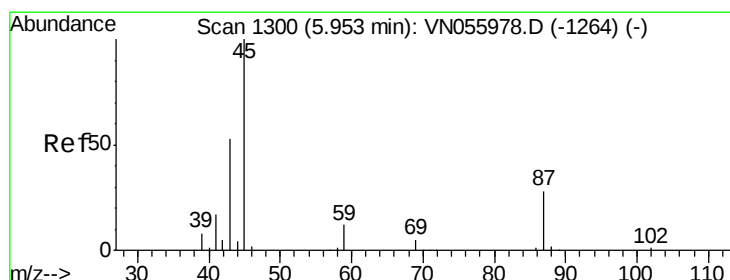
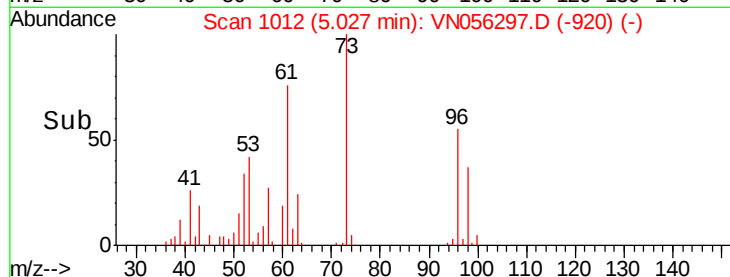
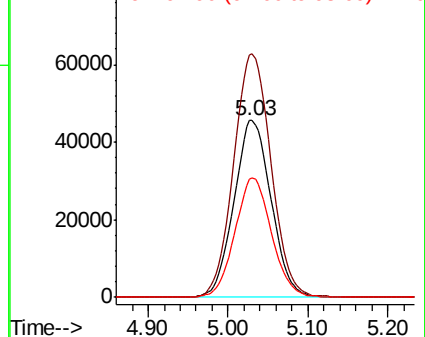
trans-1,2-Dichloroethene
Concen: 50.060 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 143624
Ion Ratio Lower Upper
96 100
61 137.1 107.8 161.8
98 66.7 49.8 74.8



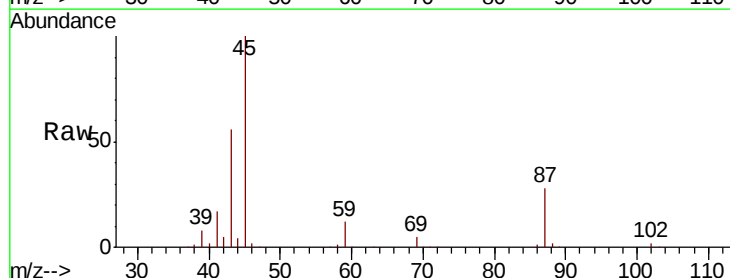
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



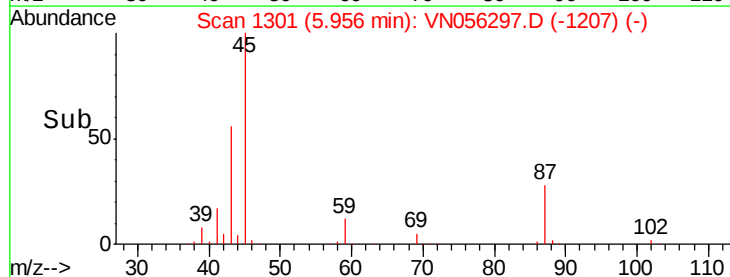
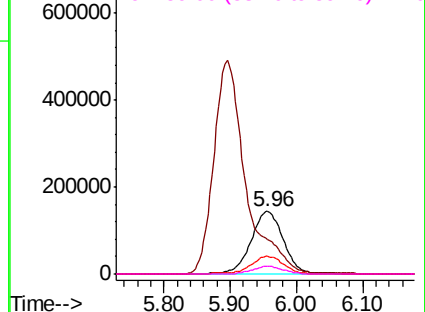
#22

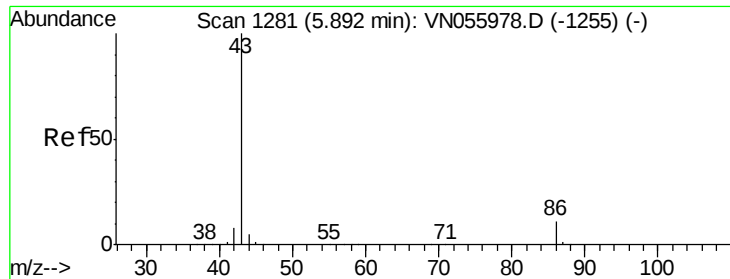
Diisopropyl ether
Concen: 55.861 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 45 Resp: 488243
Ion Ratio Lower Upper
45 100
43 54.9 45.0 67.6
87 27.7 22.2 33.4
59 12.1 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

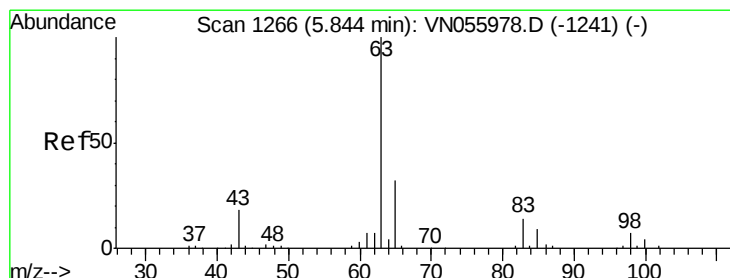
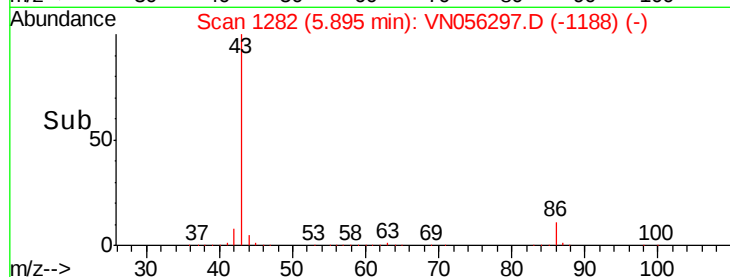
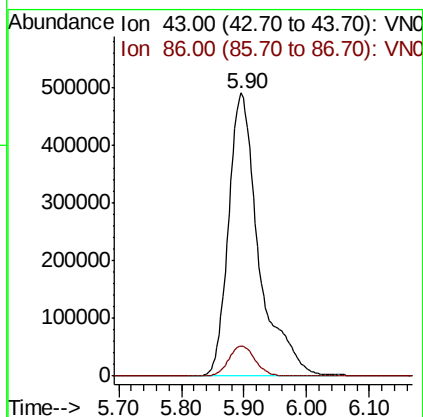
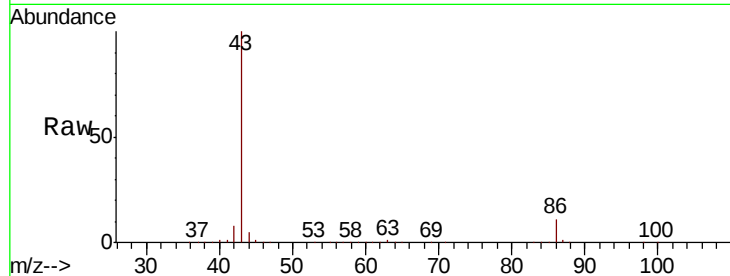




#23
 Vinyl Acetate
 Concen: 239.778 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

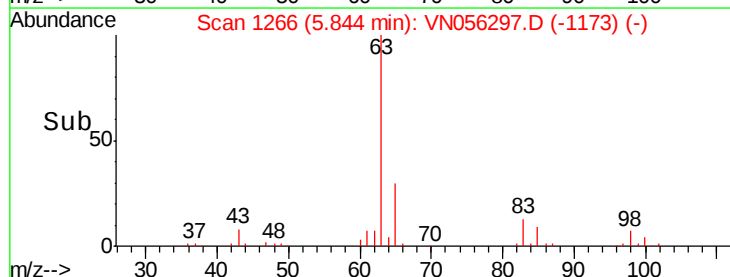
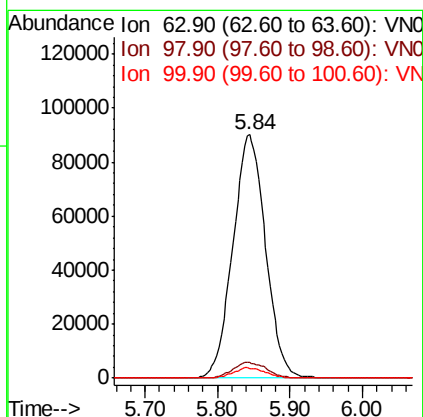
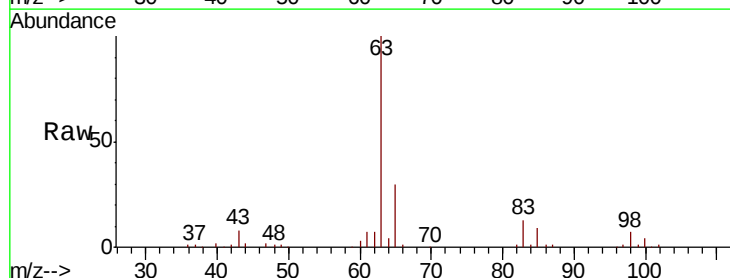
Instrument :
 MSVOA_N
 ClientSampled :

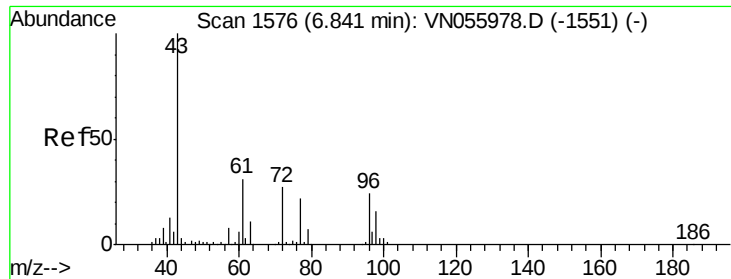
Tot Ion: 43 Resp: 1650396
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 55.997 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion: 63 Resp: 282324
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 290.397 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

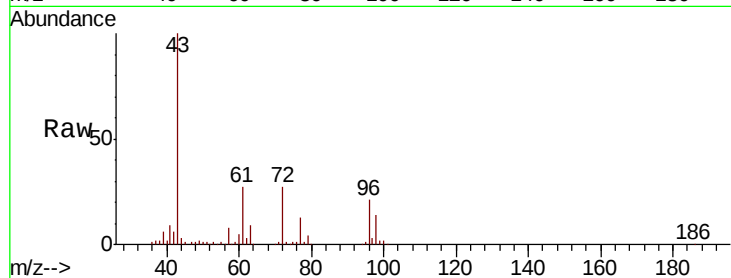
ClientSampleId :

Tot Ion: 43 Resp: 555759

Ion Ratio Lower Upper

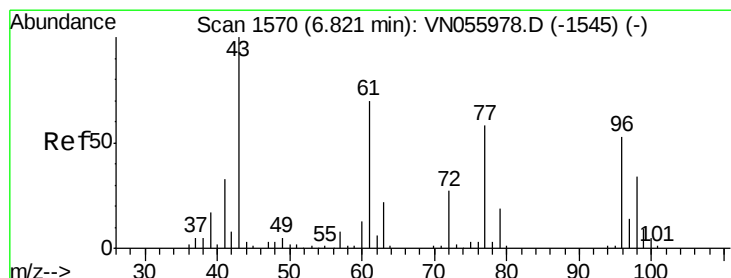
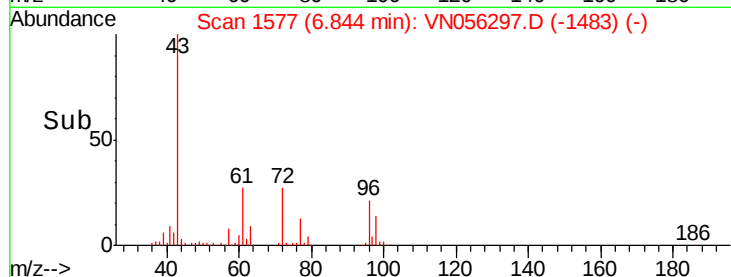
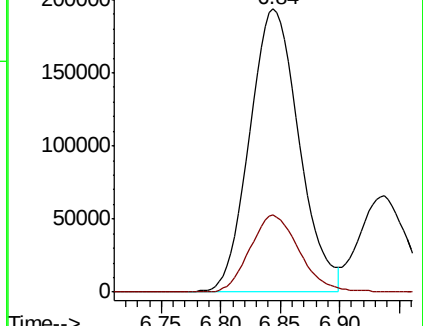
43 100

72 27.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 35.328 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056297.D

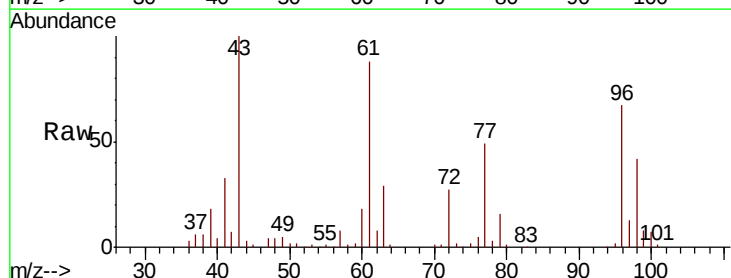
Acq: 13 Jun 2019 21:28

Tgt Ion: 77 Resp: 138986

Ion Ratio Lower Upper

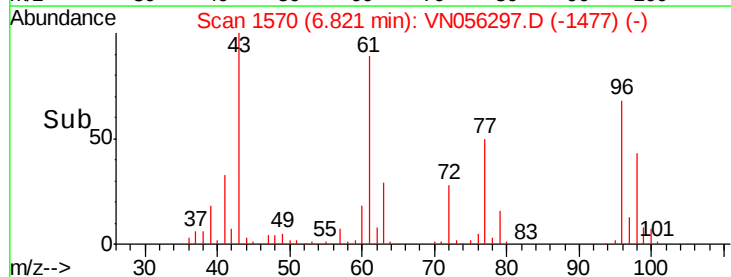
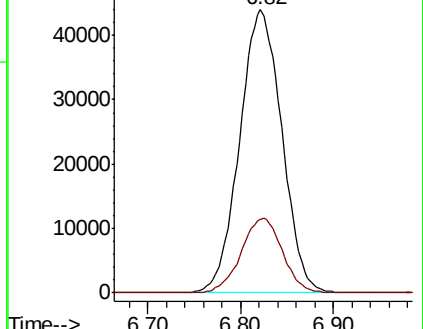
77 100

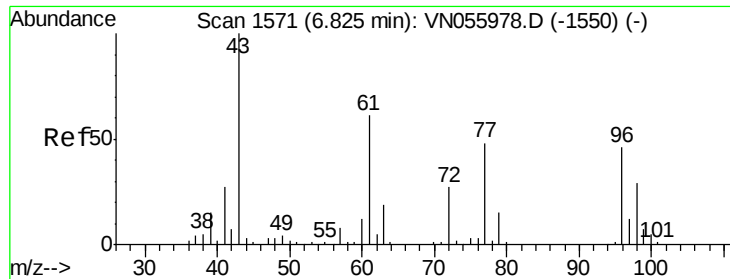
97 25.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 52.933 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :

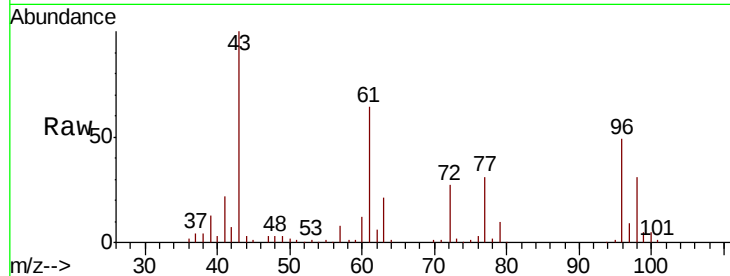
Tot Ion: 96 Resp: 178514

Ion Ratio Lower Upper

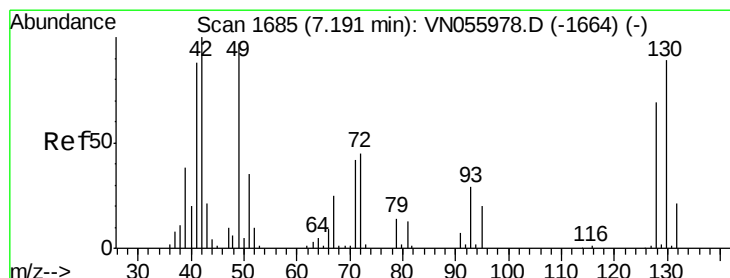
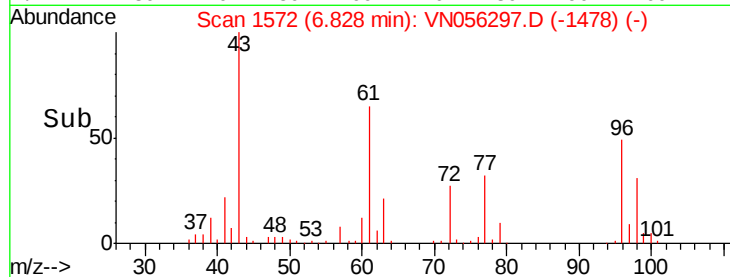
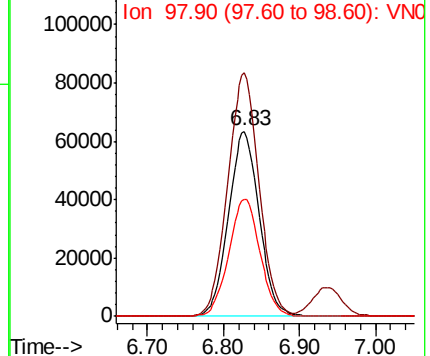
96 100

61 133.3 0.0 275.8

98 64.4 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: 56.874 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

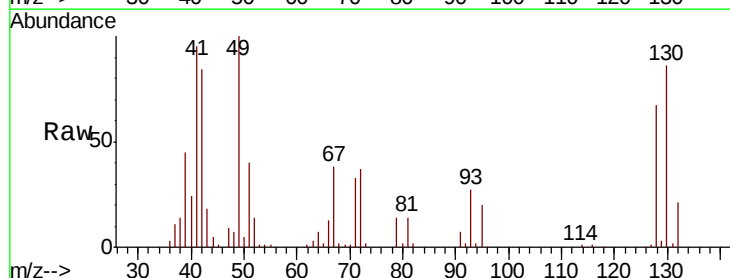
Tgt Ion: 49 Resp: 135601

Ion Ratio Lower Upper

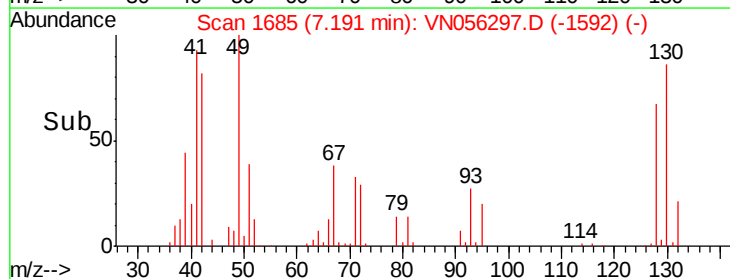
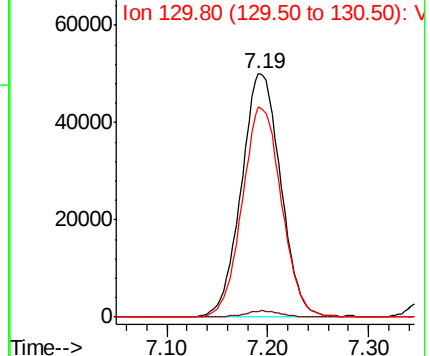
49 100

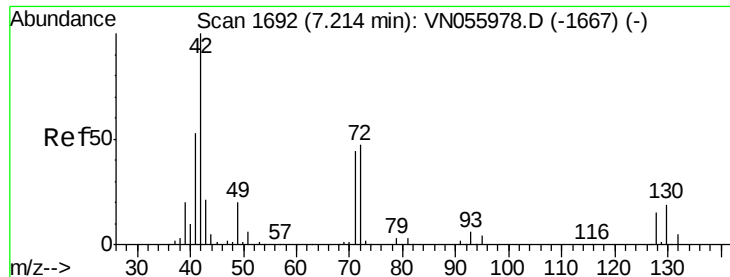
129 2.3 0.0 4.4

130 86.1 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

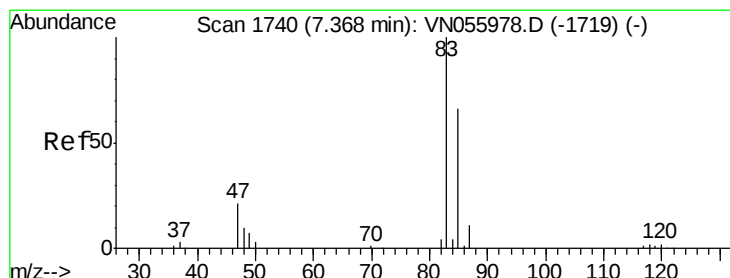
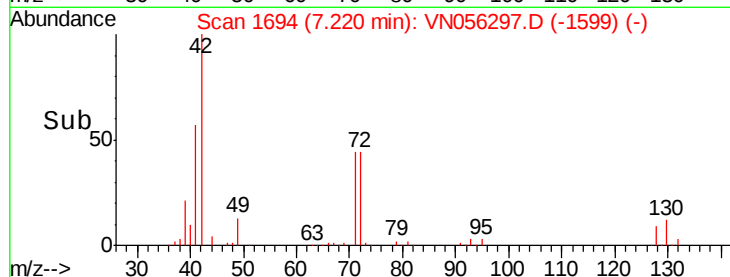
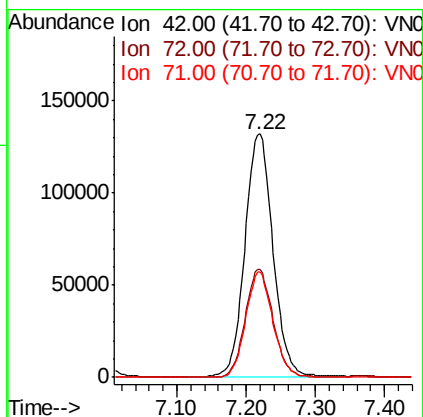
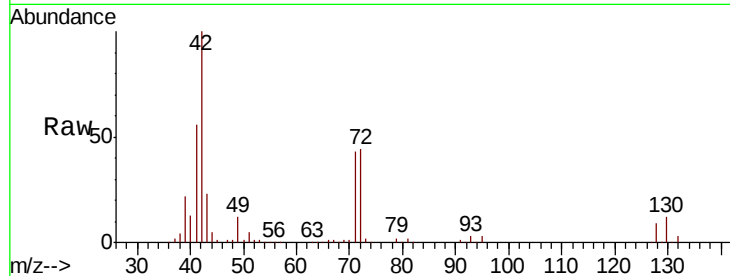




#29
Tetrahydrofuran
Concen: 315.290 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

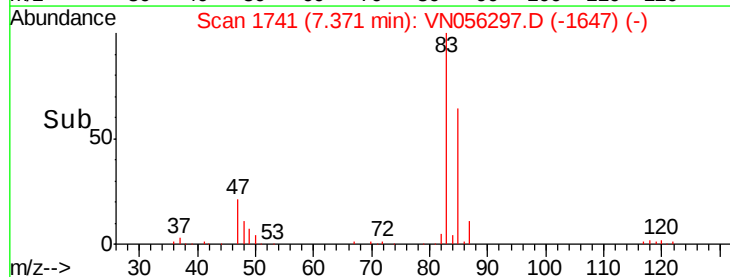
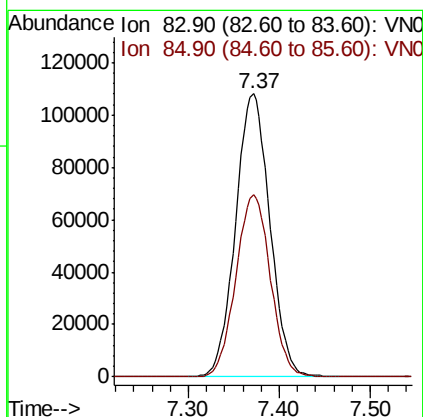
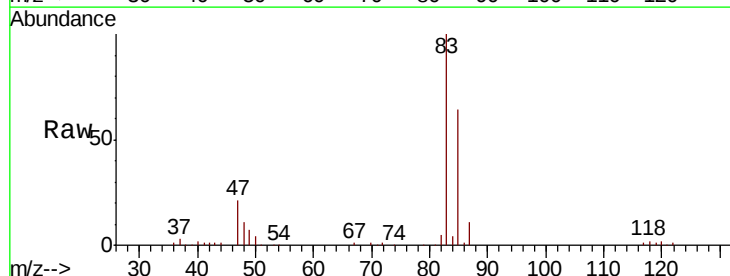
Instrument :
MSVOA_N
ClientSampleId :

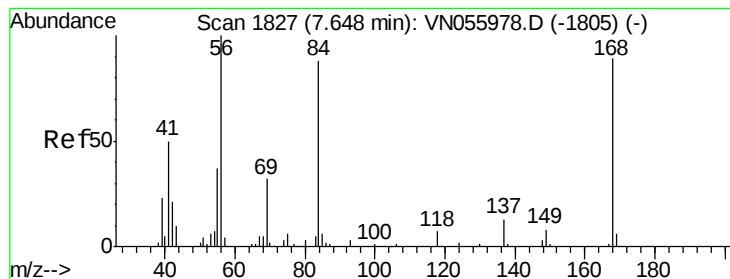
Tot Ion: 42 Resp: 372985
Ion Ratio Lower Upper
42 100
72 43.7 35.9 53.9
71 41.7 34.0 51.0



#30
Chloroform
Concen: 55.891 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 83 Resp: 283471
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8





#31

Cyclohexane

Concen: 48.890 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

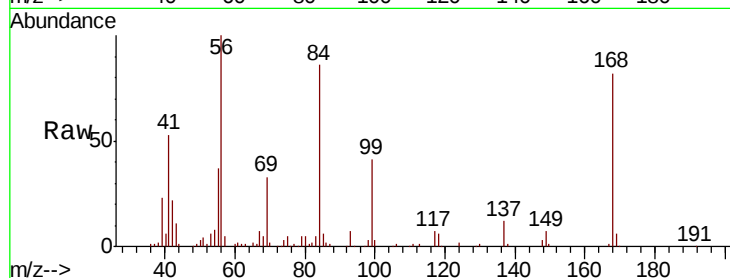
Tot Ion: 56 Resp: 245695

Ion Ratio Lower Upper

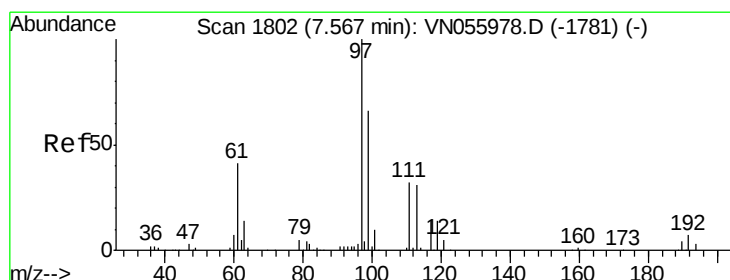
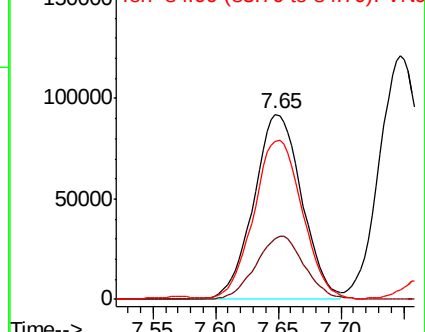
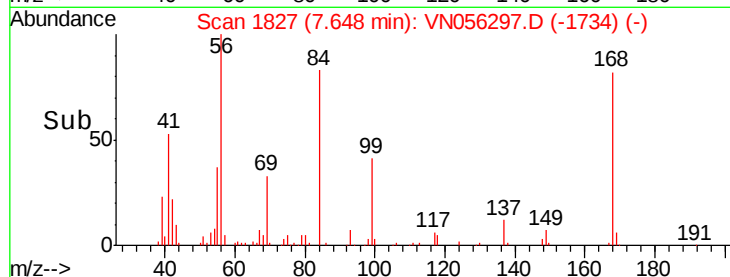
56 100

69 33.0 25.6 38.4

84 84.3 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN056297.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 53.888 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

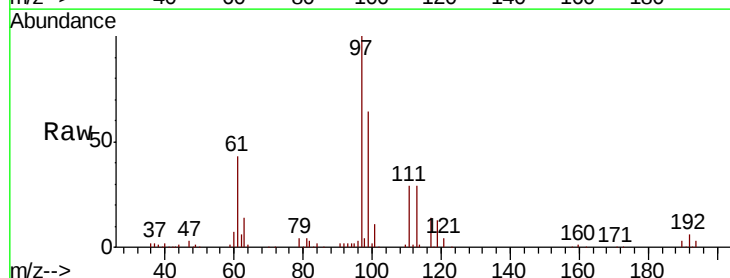
Tgt Ion: 97 Resp: 228234

Ion Ratio Lower Upper

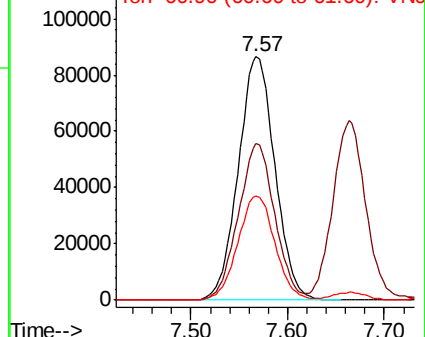
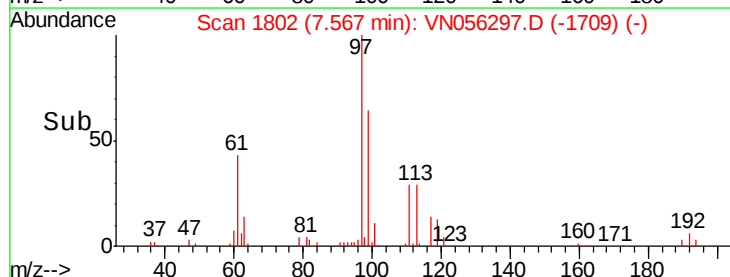
97 100

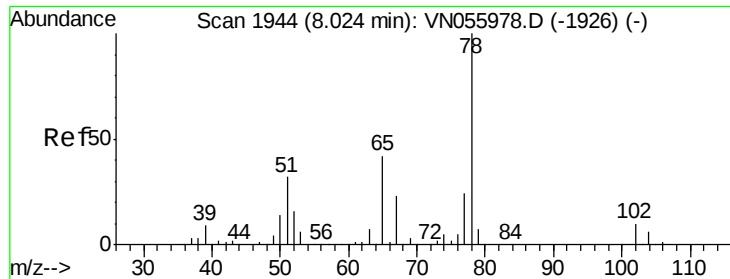
99 63.7 52.0 78.0

61 43.3 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN056297.D (-1709) (-)

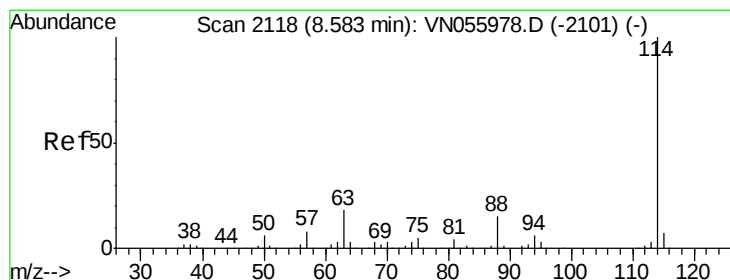
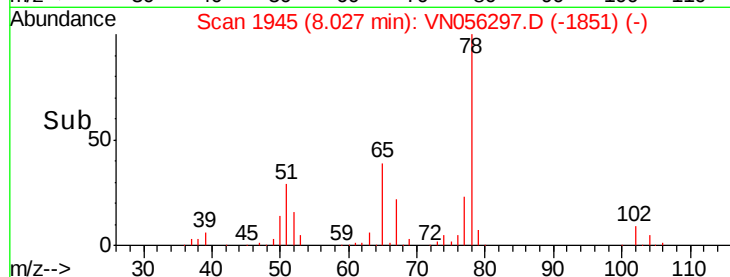
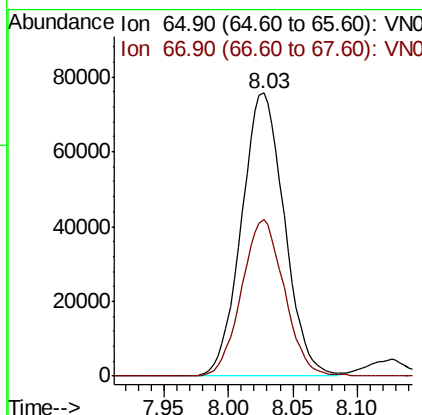
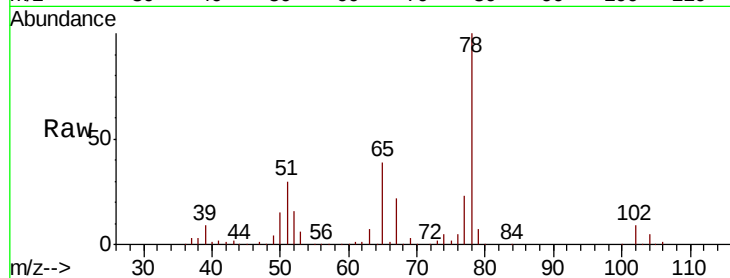




#33
 1,2-Dichloroethane-d4
 Concen: 55.404 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

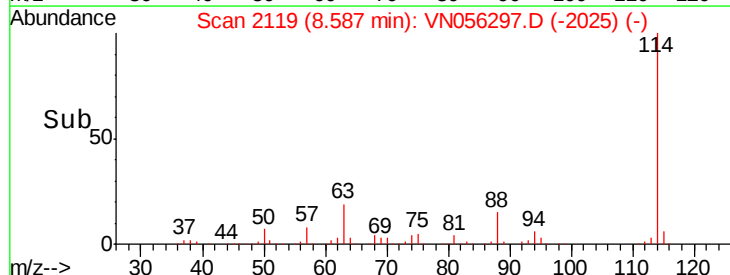
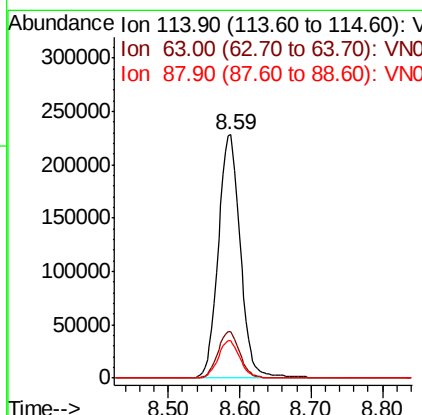
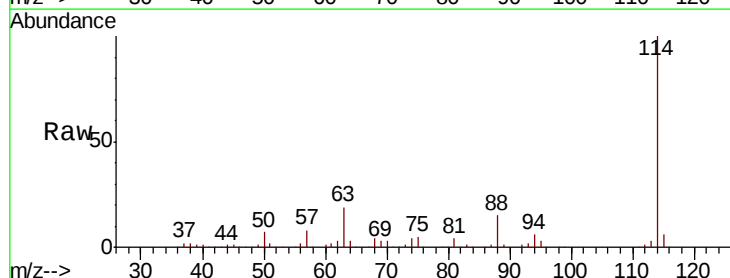
Instrument :
 MSVOA_N
 ClientSampled :

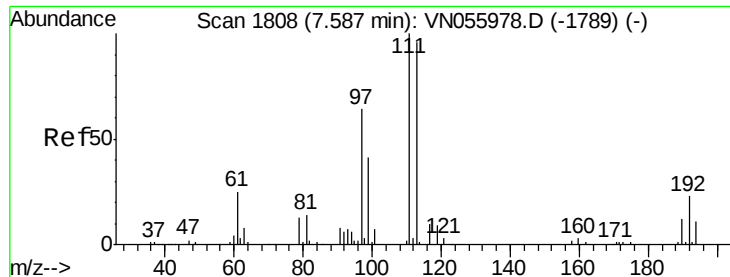
Tot Ion: 65 Resp: 175470
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion: 114 Resp: 489473
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.4 0.0 31.0

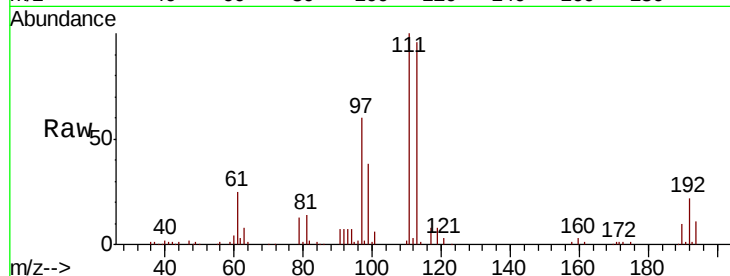




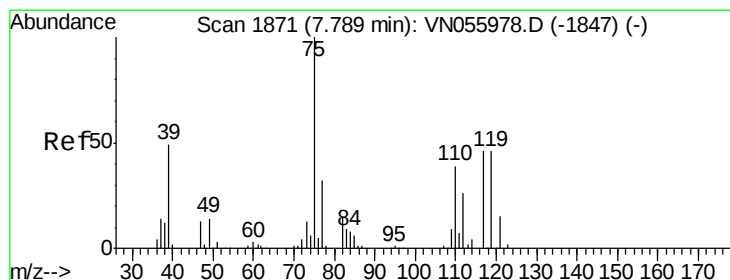
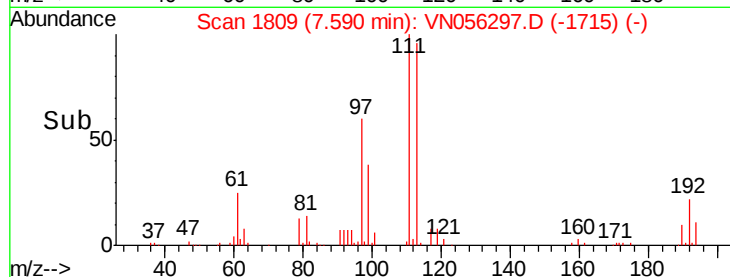
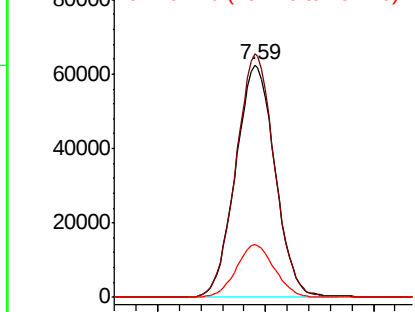
#35
 Dibromofluoromethane
 Concen: 52.833 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 158663
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 22.1 19.5 29.3

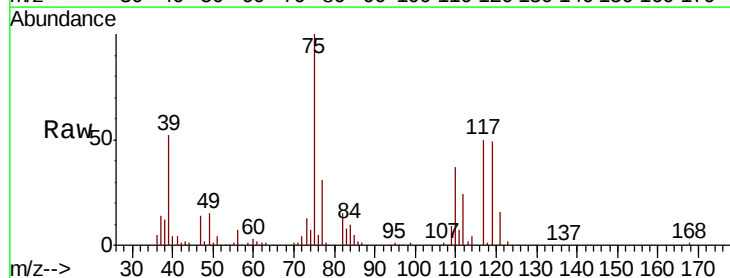


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

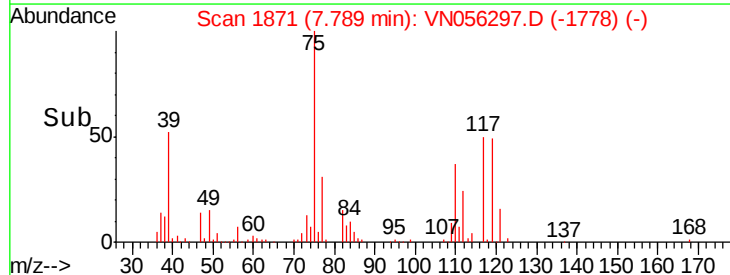
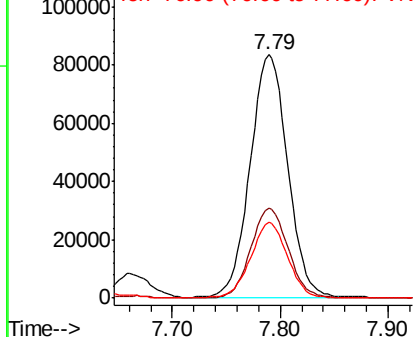


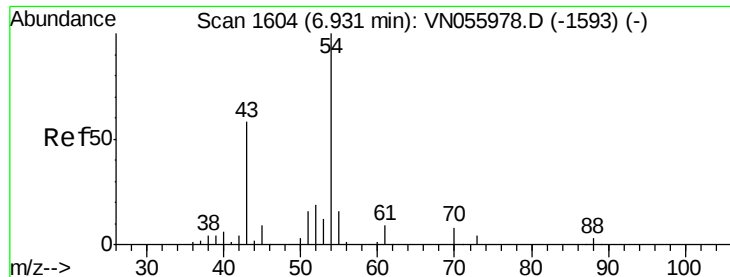
#36
 1,1-Dichloropropene
 Concen: 47.693 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion: 75 Resp: 200730
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.0 57.0
 77 30.9 25.1 37.7



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

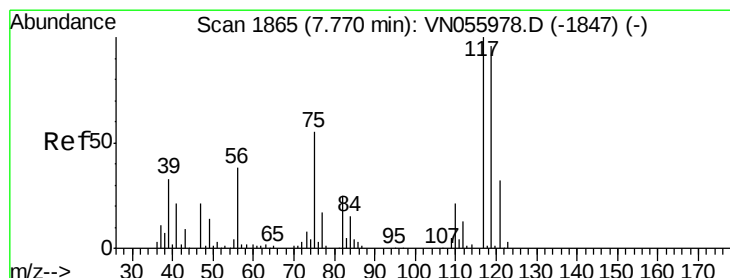
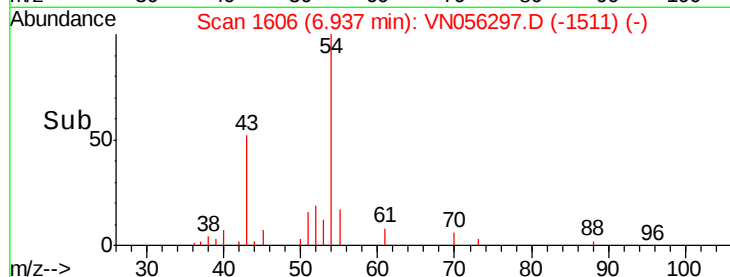
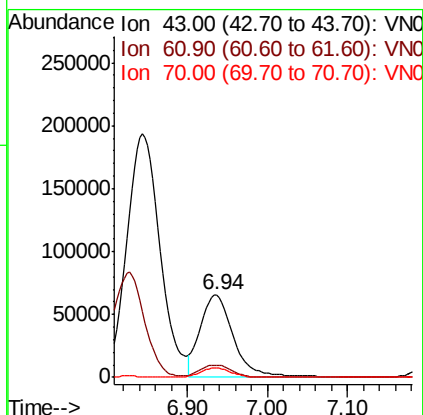
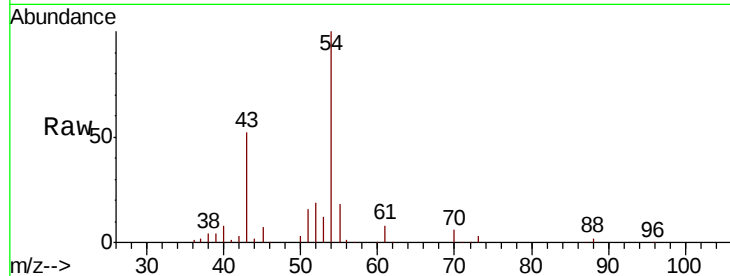




#37
Ethyl Acetate
Concen: 49.414 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

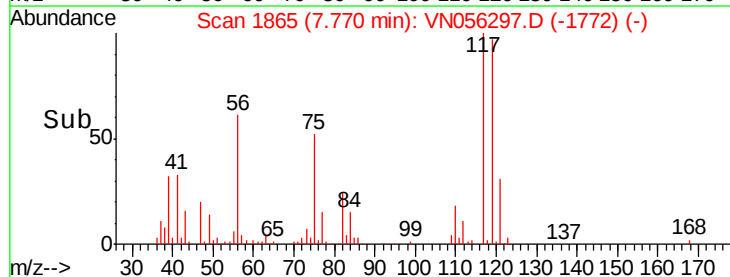
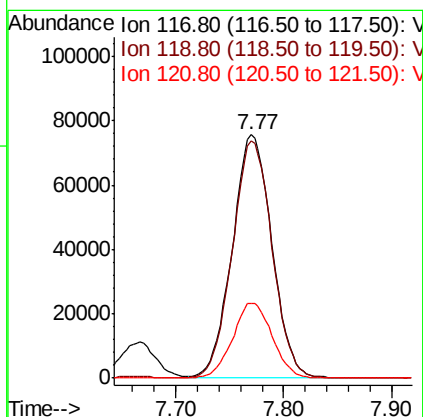
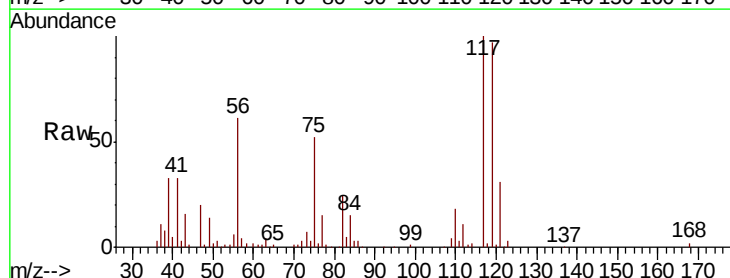
Instrument :
MSVOA_N
ClientSampled :

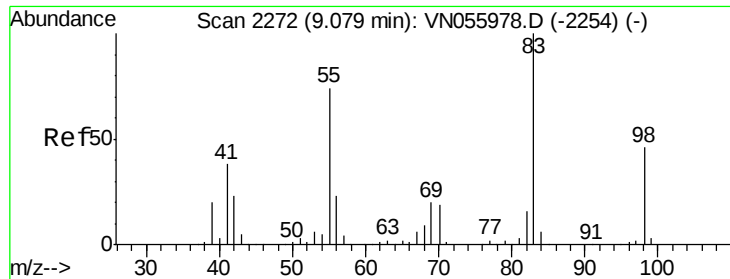
Tot Ion: 43 Resp: 185046
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.727 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 117 Resp: 192954
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.6
121 31.0 24.7 37.1

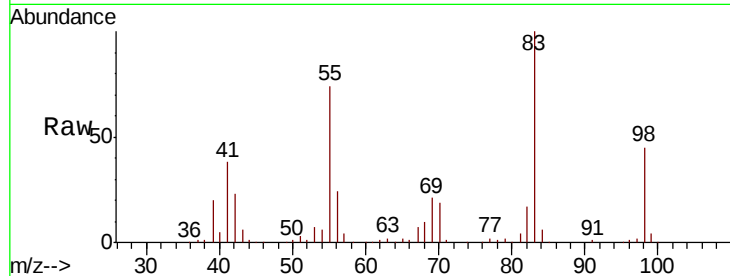




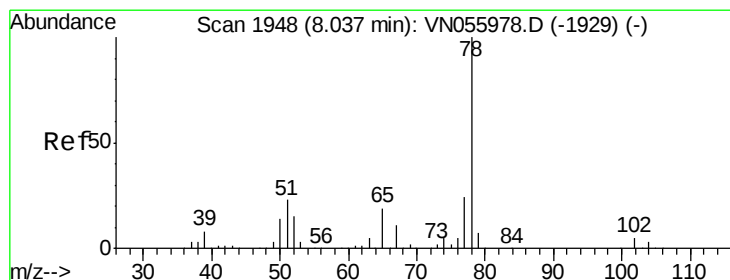
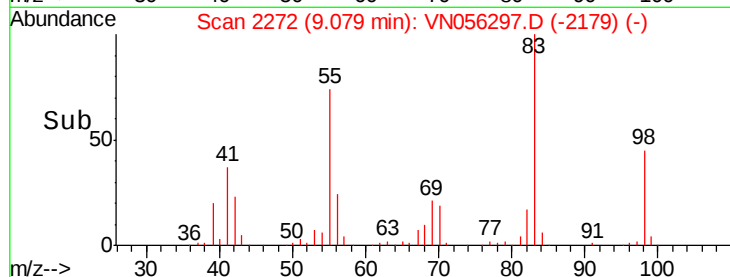
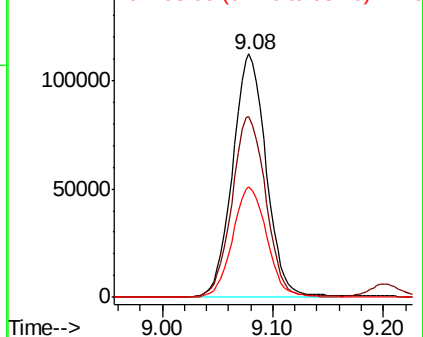
#39
Methvlcvclohexane
Concen: 45.078 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 236343
Ion Ratio Lower Upper
83 100
55 74.0 59.3 88.9
98 45.2 36.6 54.8

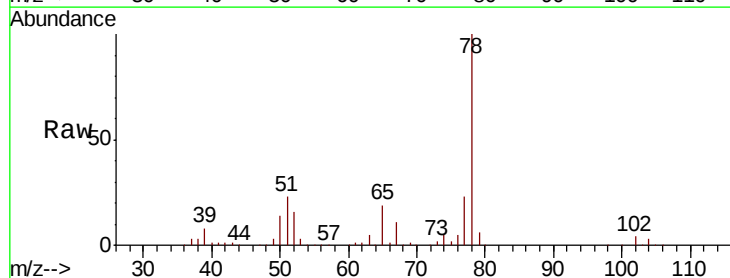


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

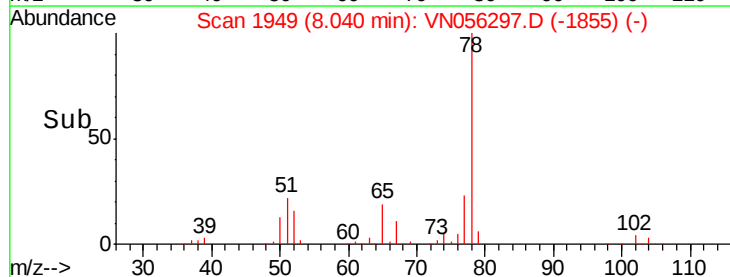
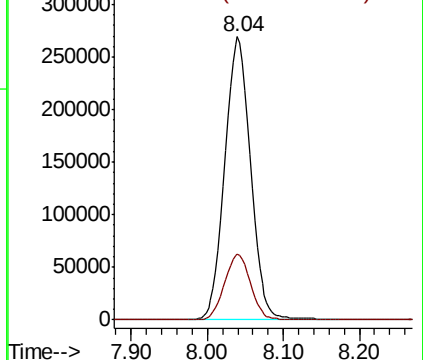


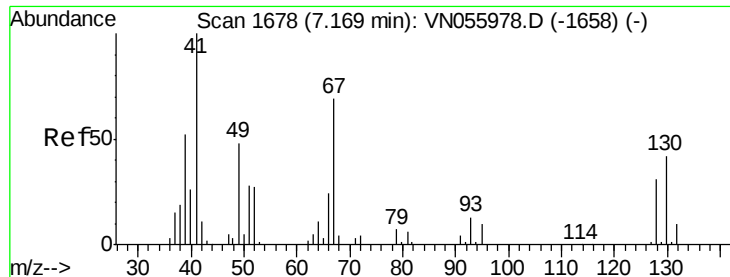
#40
Benzene
Concen: 50.081 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 78 Resp: 640183
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

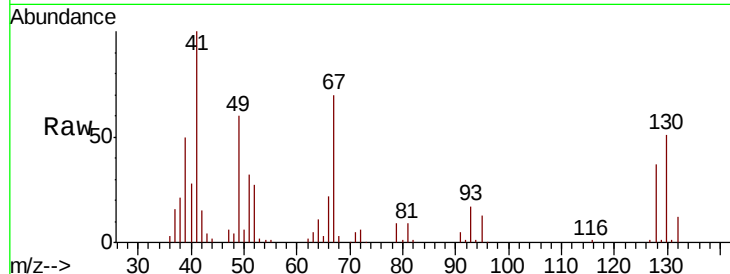




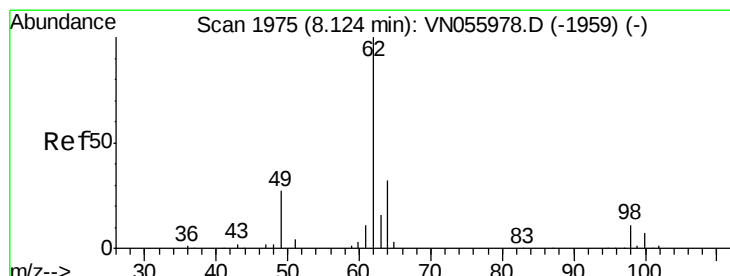
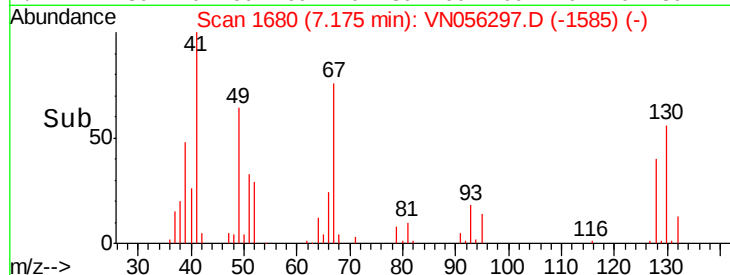
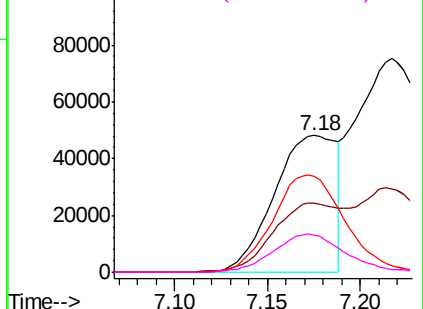
#41
Methacrylonitrile
Concen: 65.090 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 112147
Ion Ratio Lower Upper
41 100
39 54.8 45.6 68.4
67 83.2 67.7 101.5
52 32.5 26.6 40.0

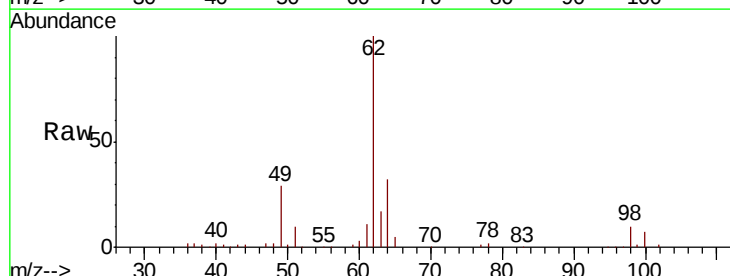


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

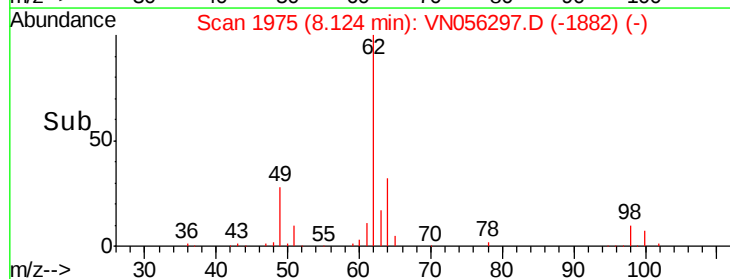
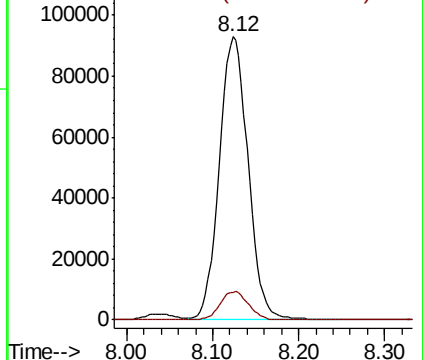


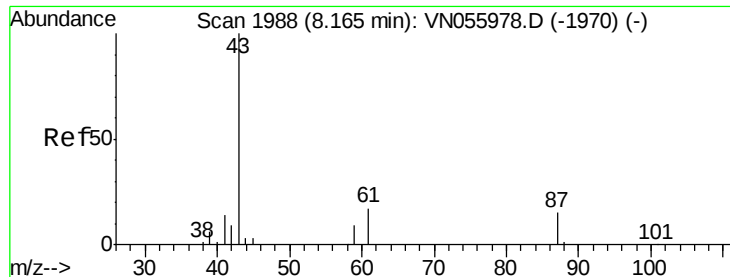
#42
1,2-Dichloroethane
Concen: 52.681 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 62 Resp: 216618
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 49.775 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

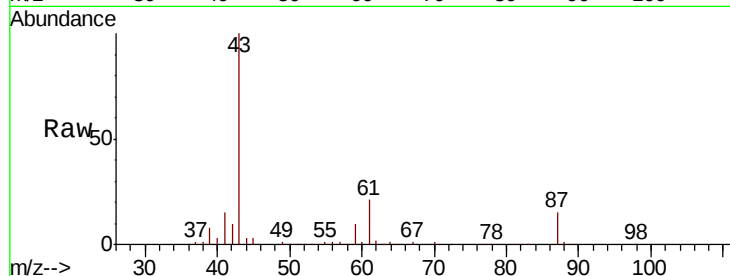
Tot Ion: 43 Resp: 302048

Ion Ratio Lower Upper

43 100

61 21.1 22.2 33.4#

87 14.3 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) (-)

8.17

150000

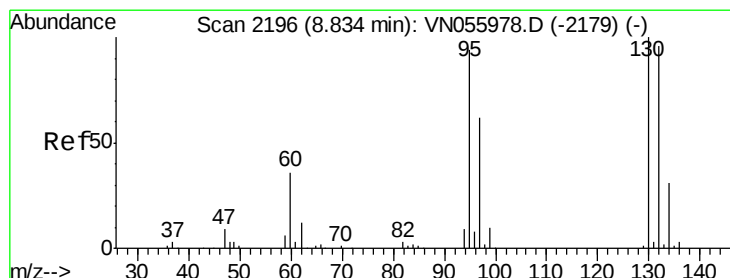
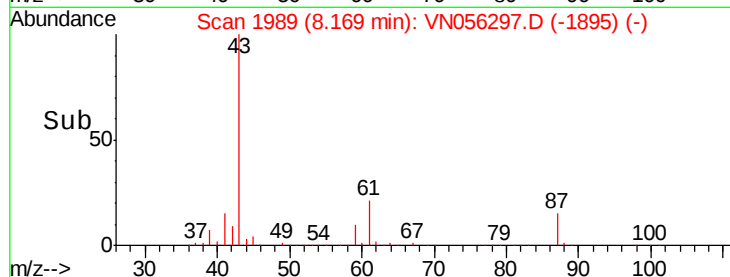
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 47.833 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056297.D

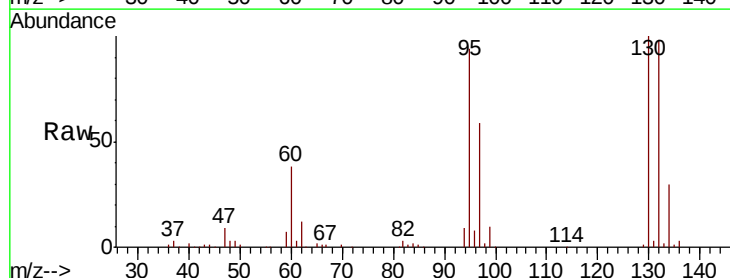
Acq: 13 Jun 2019 21:28

Tgt Ion:130 Resp: 175700

Ion Ratio Lower Upper

130 100

95 93.7 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) (-)

8.83

100000

80000

60000

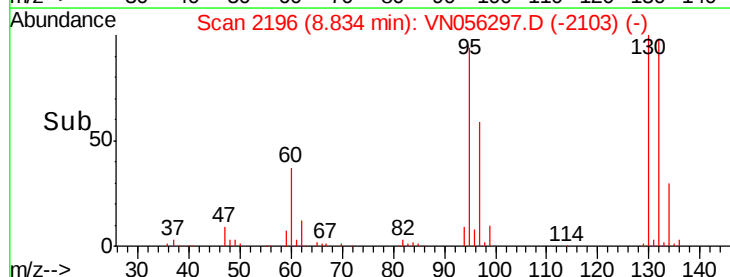
40000

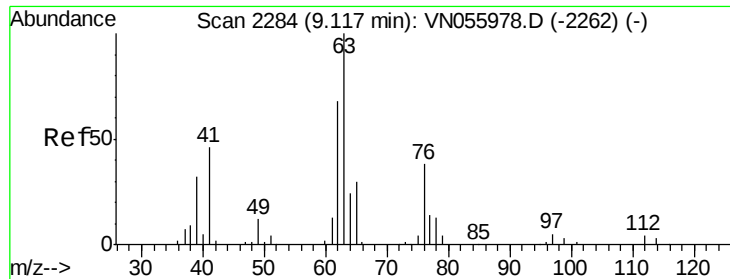
20000

0

8.80 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 53.147 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

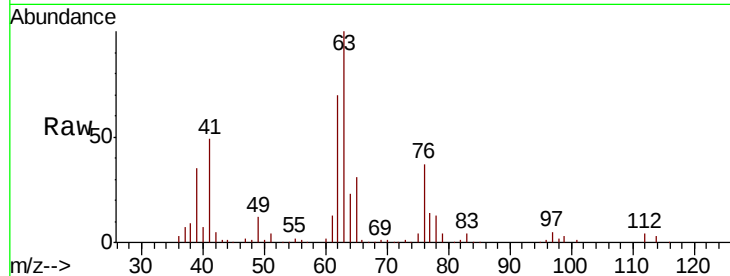
ClientSampled :

Tot Ion: 63 Resp: 174018

Ion Ratio Lower Upper

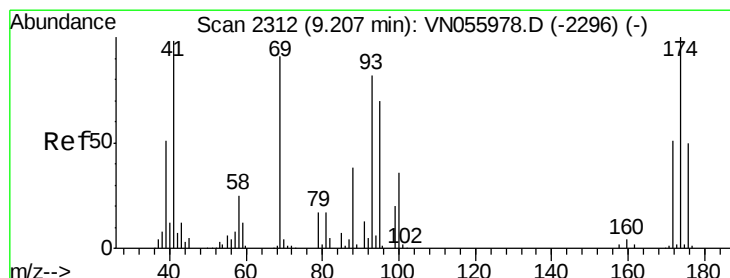
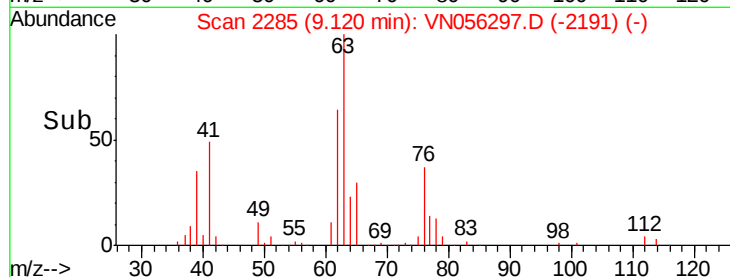
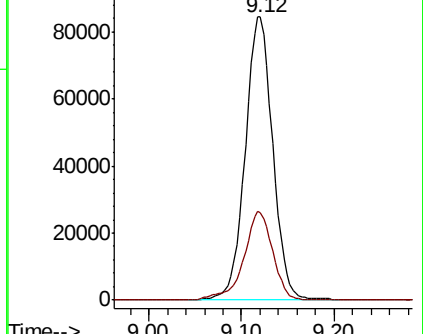
63 100

65 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.882 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

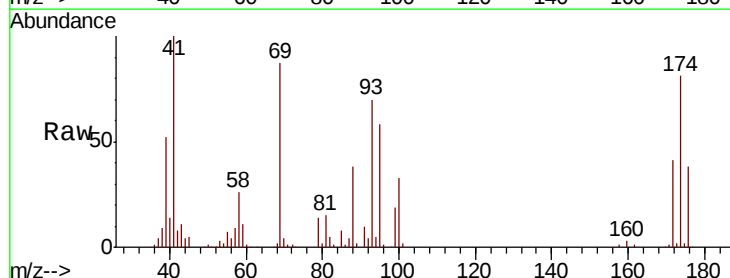
Tgt Ion: 93 Resp: 115368

Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

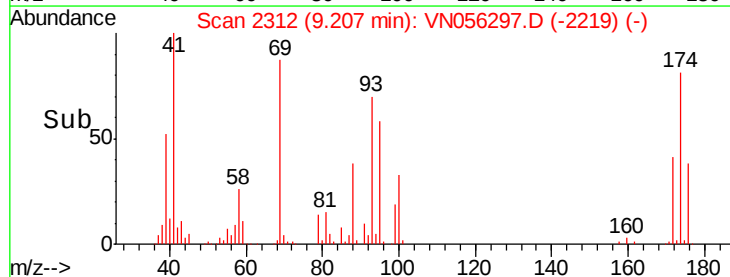
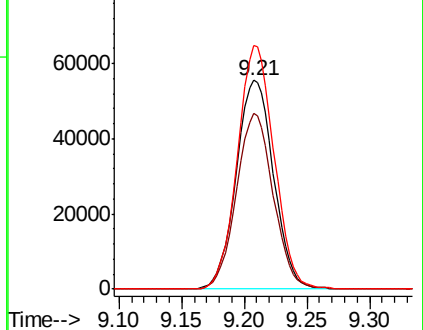
174 113.9 96.4 144.6

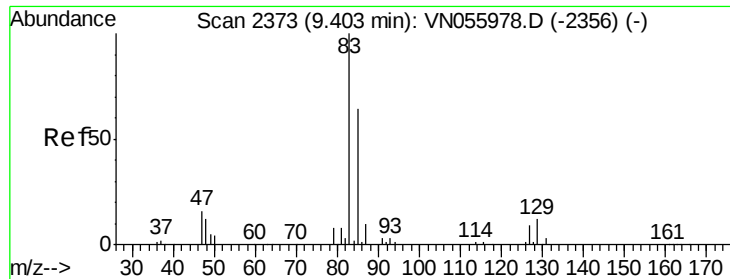


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

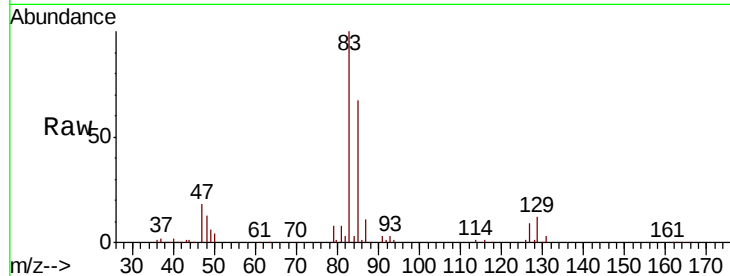




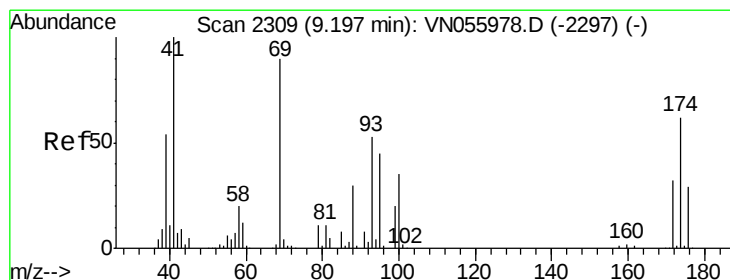
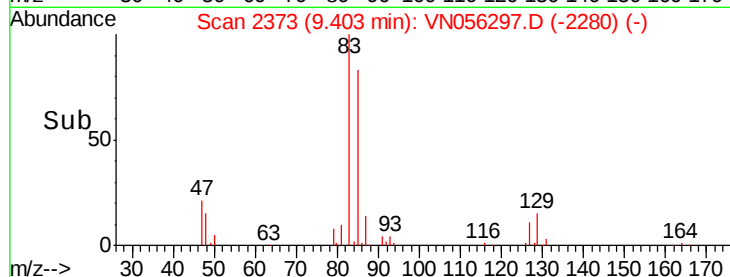
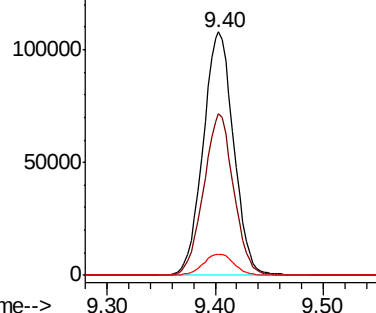
#47
Bromodichloromethane
Concen: 54.814 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 212711
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.2
127 8.7 7.4 11.0

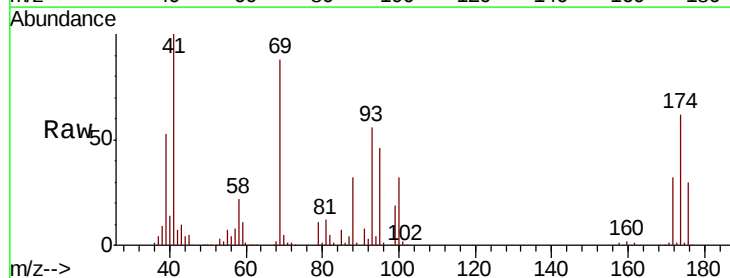


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

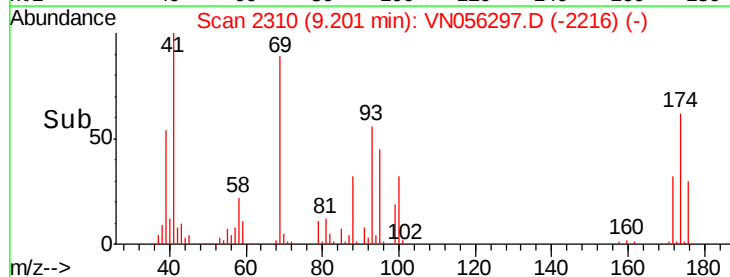
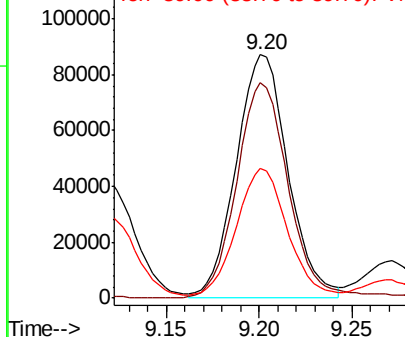


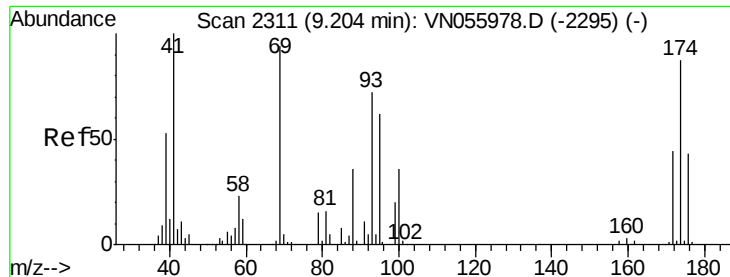
#48
Methyl methacrylate
Concen: 57.064 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 41 Resp: 169411
Ion Ratio Lower Upper
41 100
69 88.8 71.0 106.6
39 53.0 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

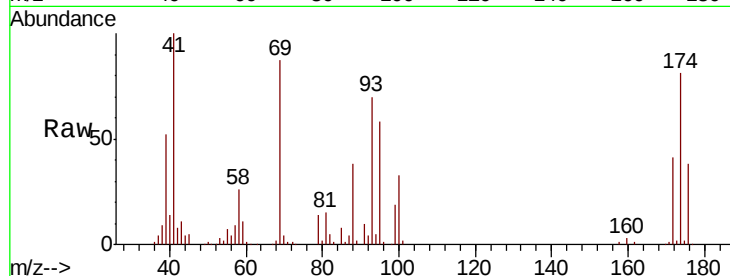




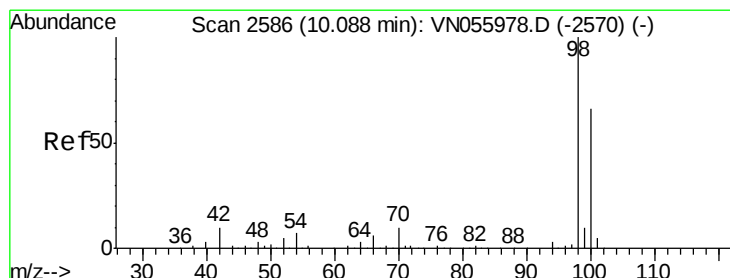
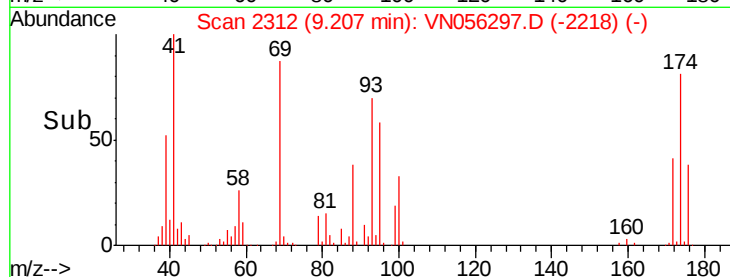
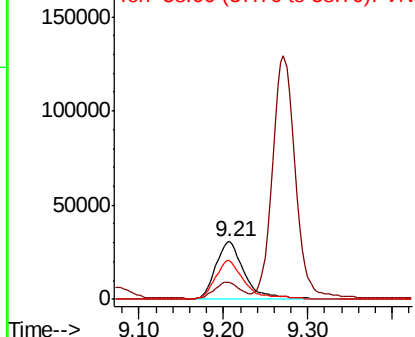
#49
1,4-Dioxane
Concen: 1141.017 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 73131
Ion Ratio Lower Upper
88 100
43 25.1 20.5 30.7
58 65.3 55.8 83.6

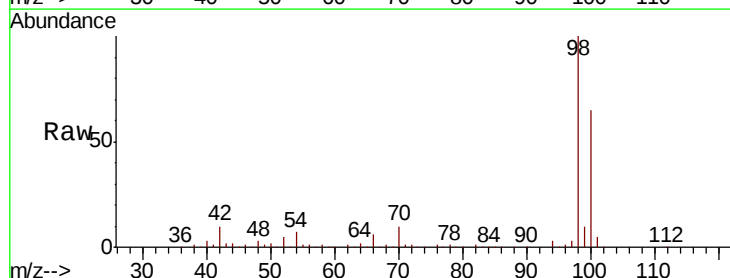


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

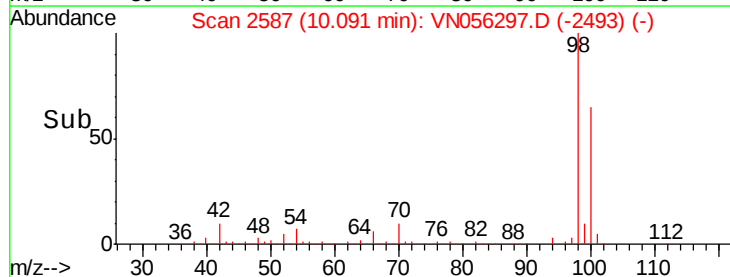
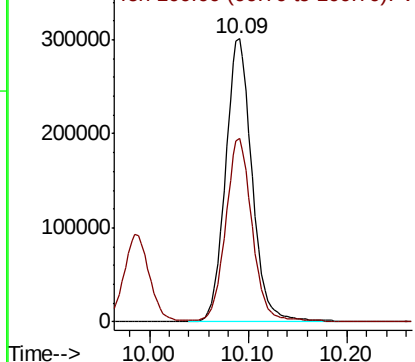


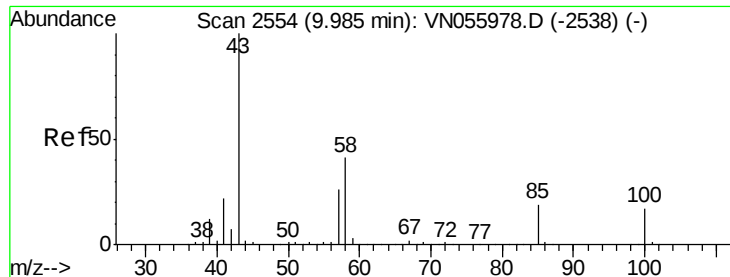
#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 98 Resp: 567872
Ion Ratio Lower Upper
98 100
100 65.2 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: 289.926 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

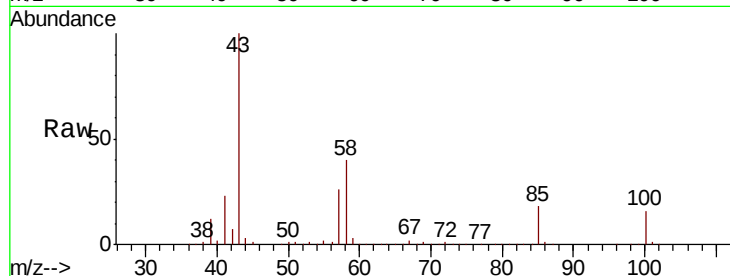
ClientSampled :

Tot Ion: 43 Resp: 1100220

Ion Ratio Lower Upper

43 100

58 39.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

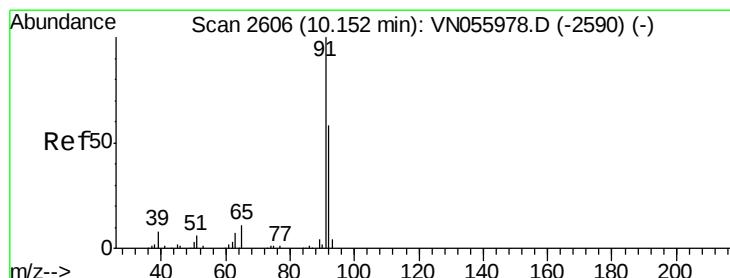
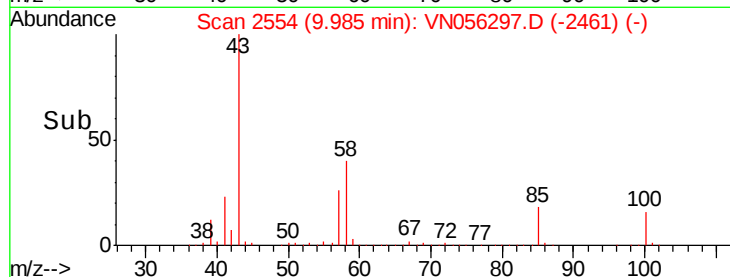
400000

200000

0

9.99

Time-->



#52

Toluene

Concen: 49.725 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056297.D

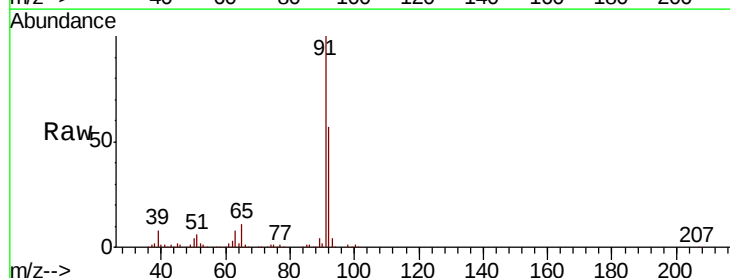
Acq: 13 Jun 2019 21:28

Tgt Ion: 92 Resp: 395529

Ion Ratio Lower Upper

92 100

91 174.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

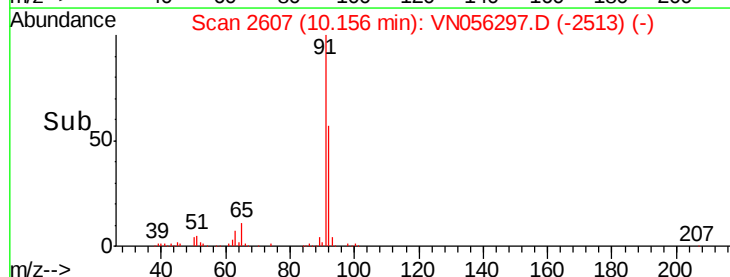
200000

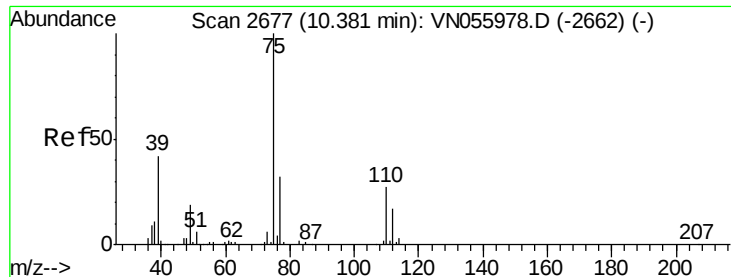
100000

0

10.16

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.766 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

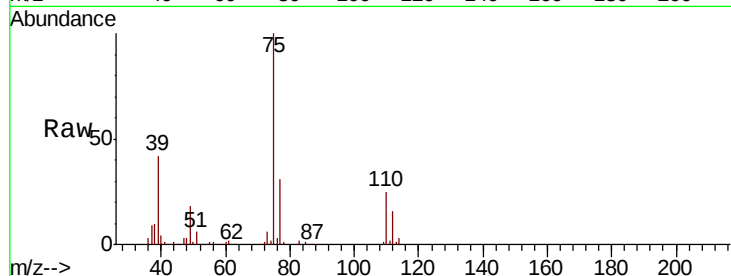
ClientSampled :

Tot Ion: 75 Resp: 207254

Ion Ratio Lower Upper

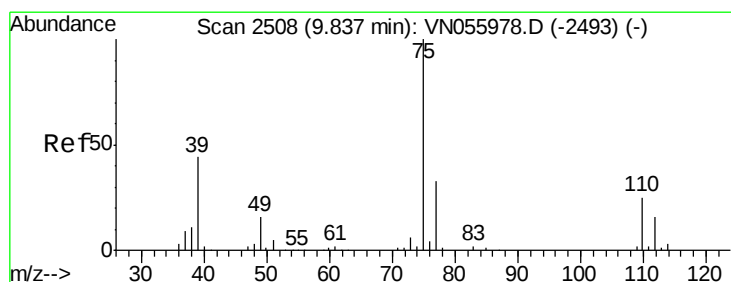
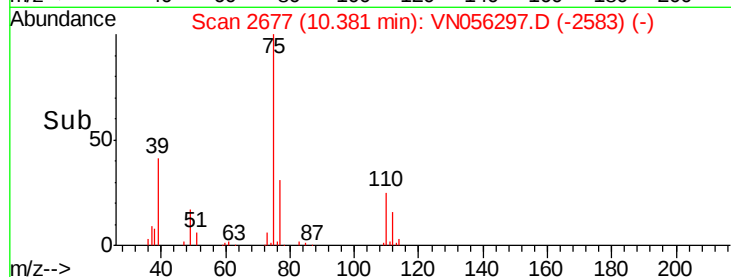
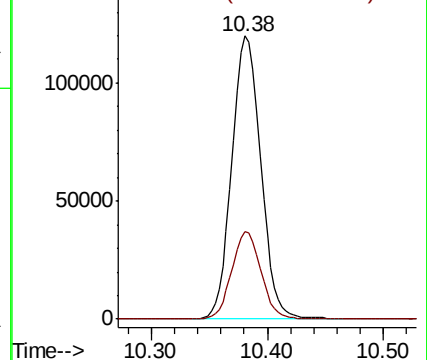
75 100

77 30.6 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: 50.499 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

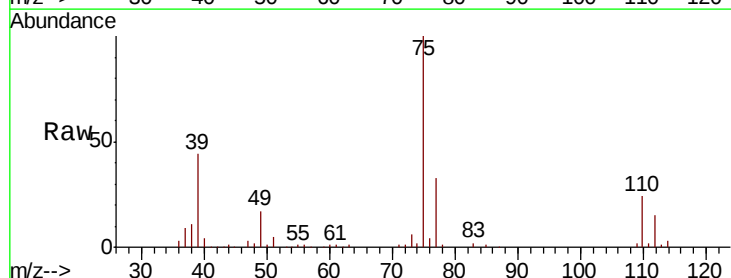
Tgt Ion: 75 Resp: 235557

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

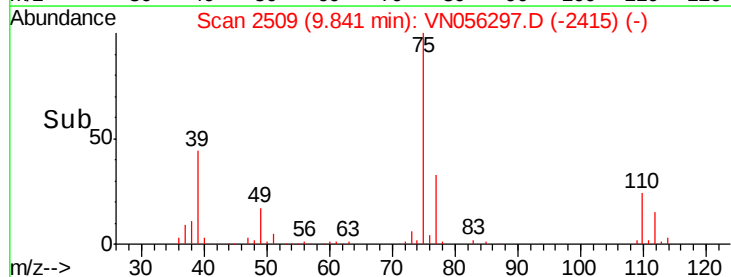
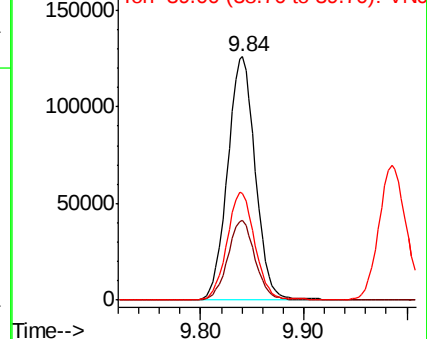
39 44.0 36.3 54.5

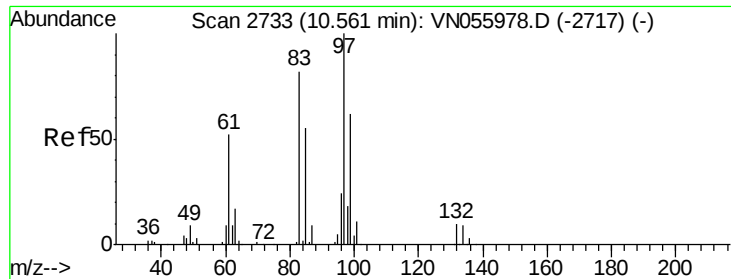


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

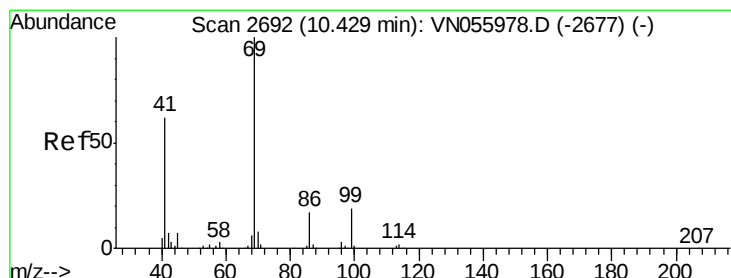
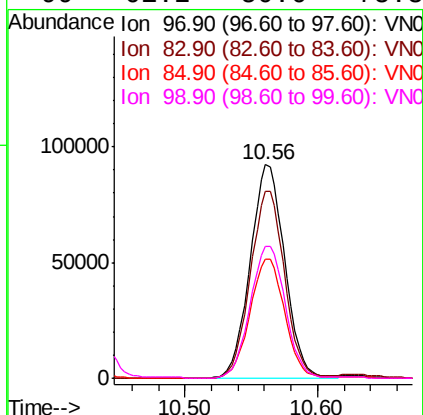
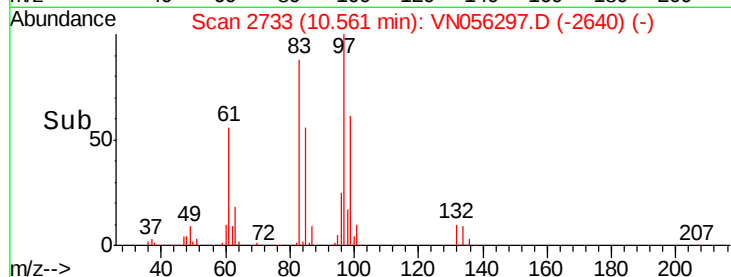
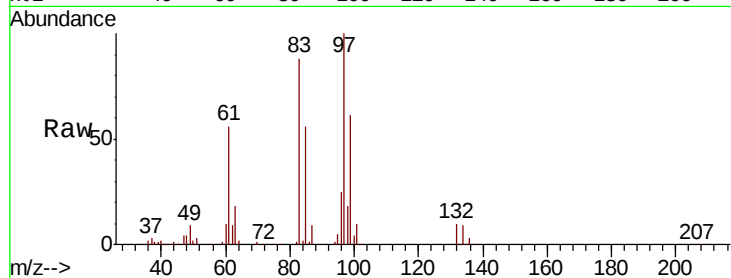




#55
 1,1,2-Trichloroethane
 Concen: 53.260 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

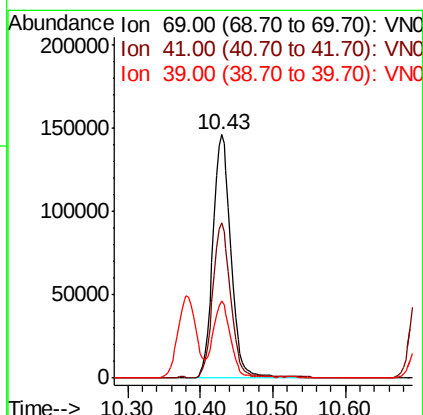
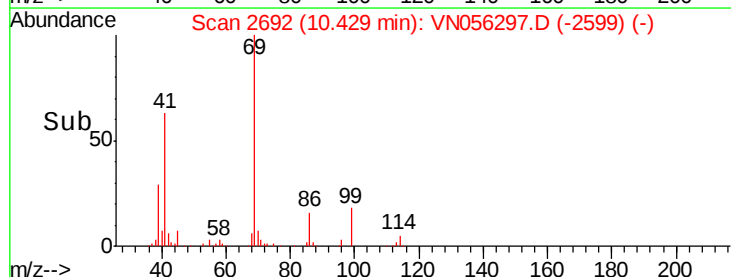
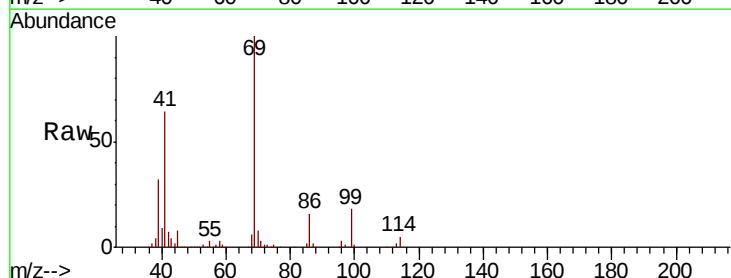
Instrument :
 MSVOA_N
 ClientSampleId :

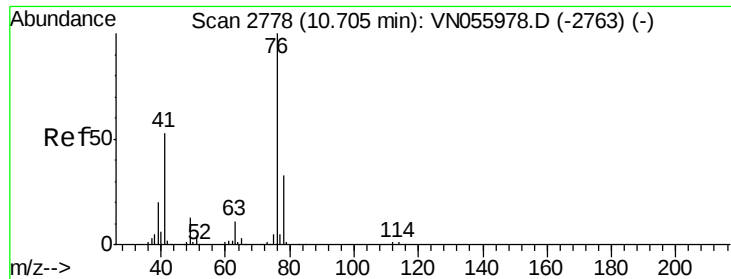
Tot Ion:	97	Resp:	167816
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.0	100.6
85	55.6	44.0	66.0
99	61.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 55.000 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion:	69	Resp:	252820
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.7	74.5
39	30.1	24.7	37.1





#57

1,3-Dichloropropane

Concen: 54.594 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

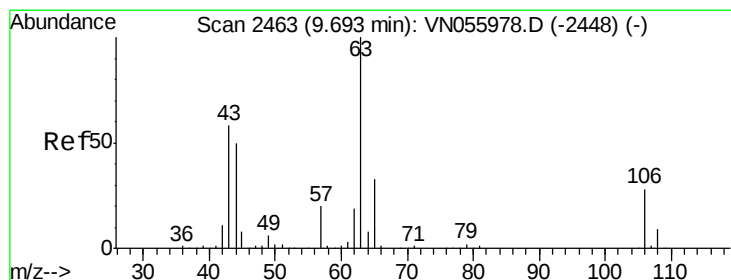
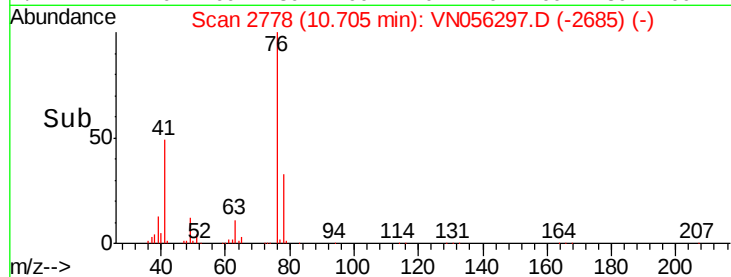
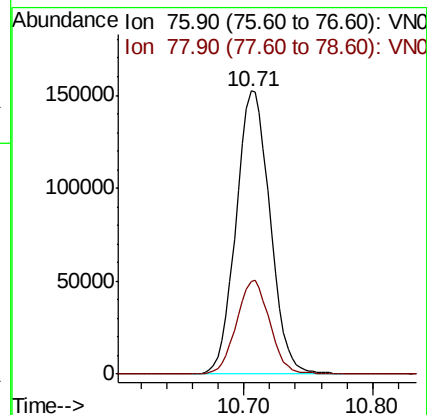
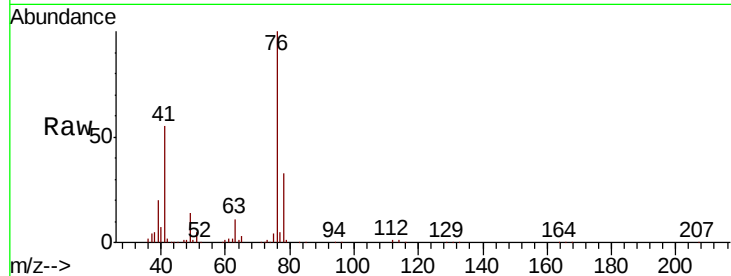
ClientSampleId :

Tot Ion: 76 Resp: 279641

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 15.470 ug/l

RT: 9.74 min Scan# 2479

Delta R.T. 0.05 min

Lab File: VN056297.D

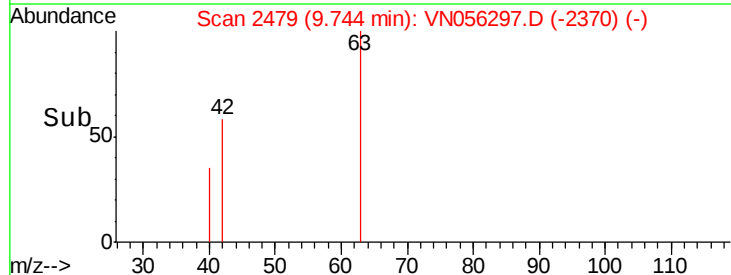
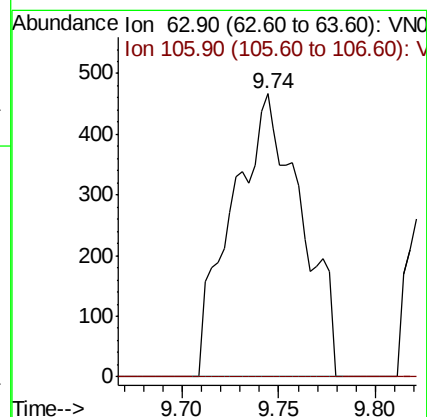
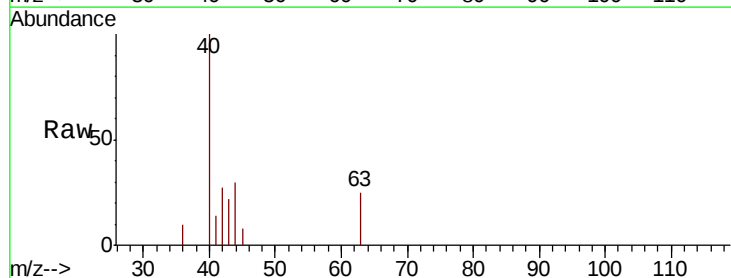
Acq: 13 Jun 2019 21:28

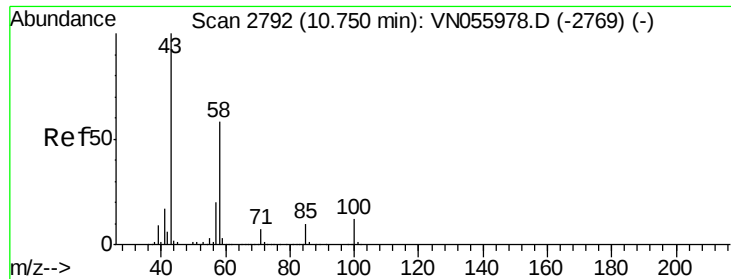
Tgt Ion: 63 Resp: 1153

Ion Ratio Lower Upper

63 100

106 0.0 22.7 34.1#

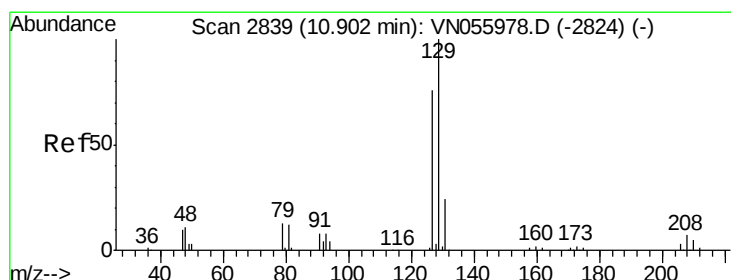
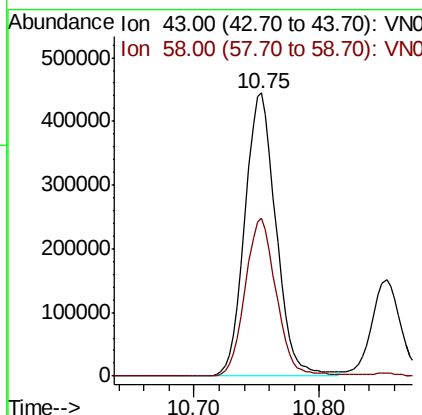
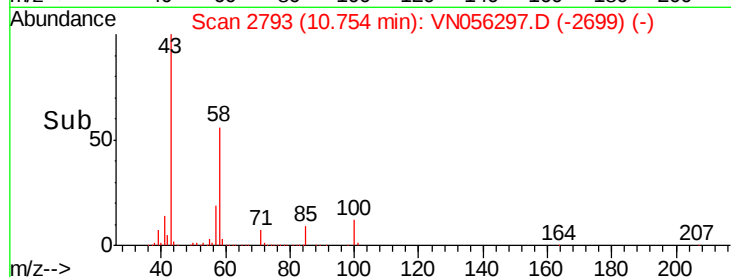
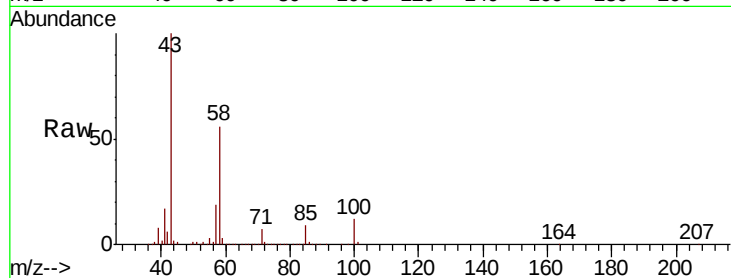




#59
2-Hexanone
Concen: 278.477 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

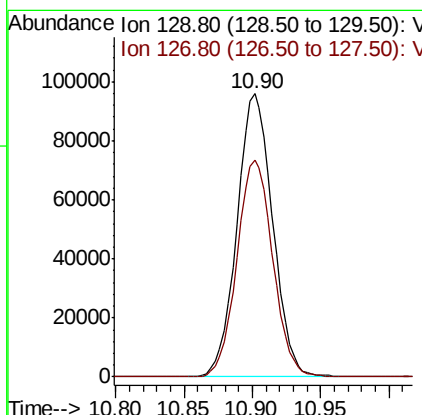
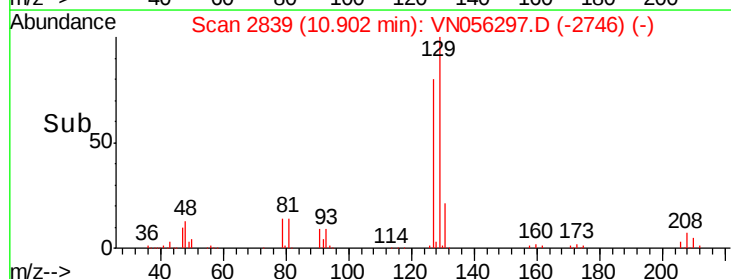
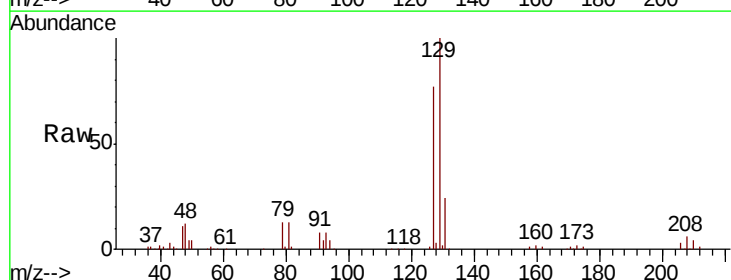
Instrument :
MSVOA_N
ClientSampleId :

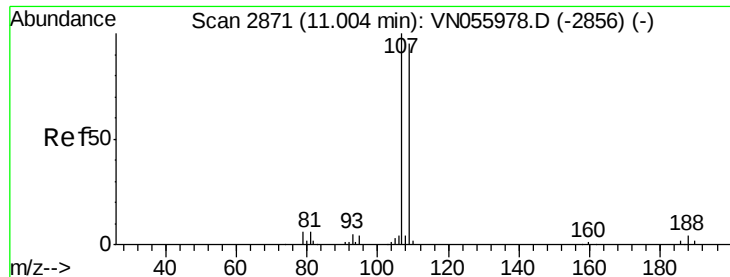
Tot Ion: 43 Resp: 765926
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.7



#60
Dibromochloromethane
Concen: 50.134 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 129 Resp: 174245
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.675 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

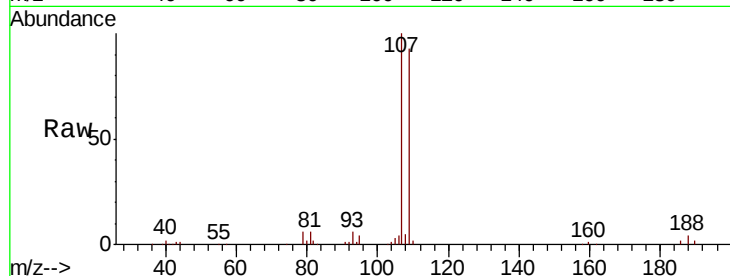
ClientSampled :

Tot Ion: 107 Resp: 172893

Ion Ratio Lower Upper

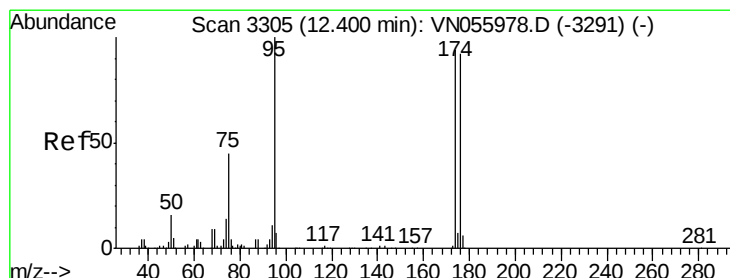
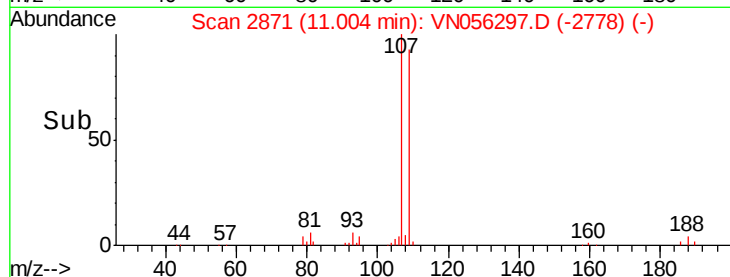
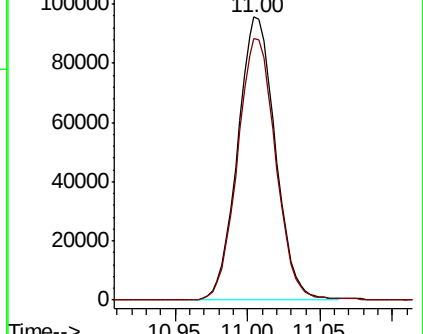
107 100

109 93.7 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: 48.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

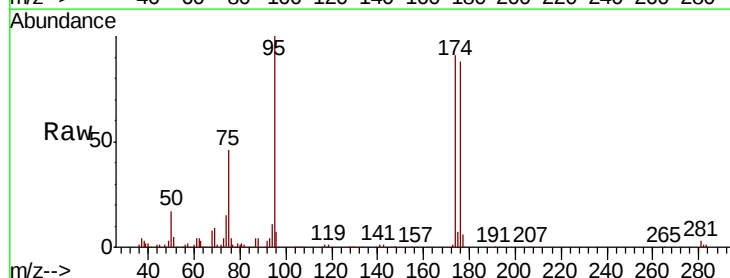
Tgt Ion: 95 Resp: 191928

Ion Ratio Lower Upper

95 100

174 92.2 0.0 191.0

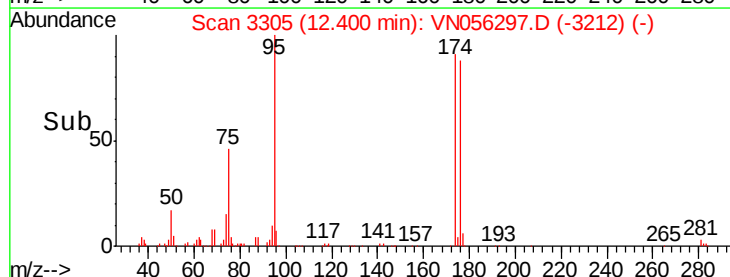
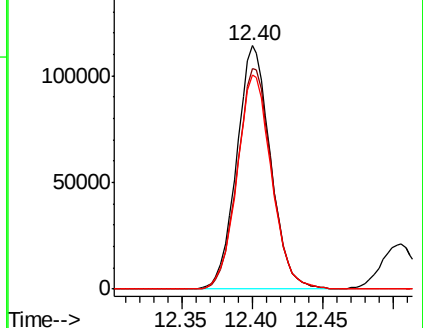
176 89.6 0.0 185.2

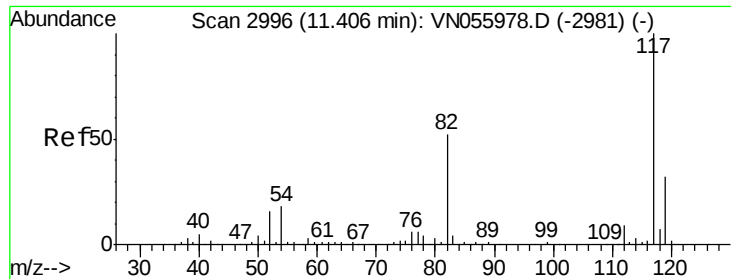


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

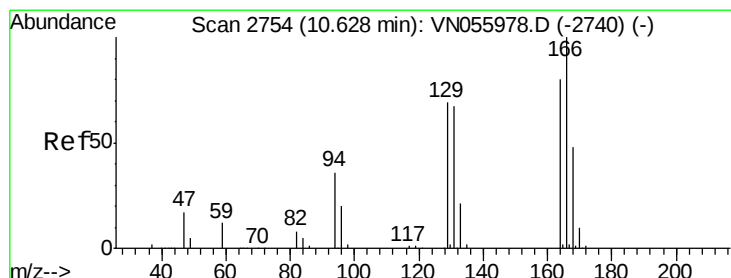
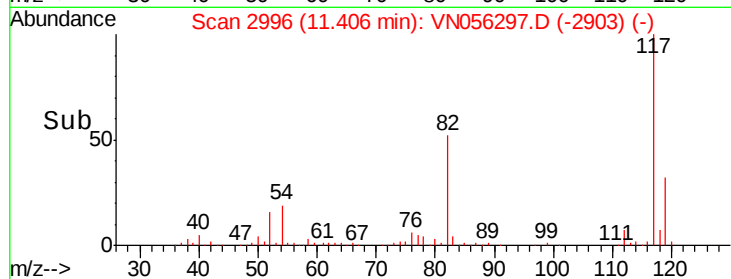
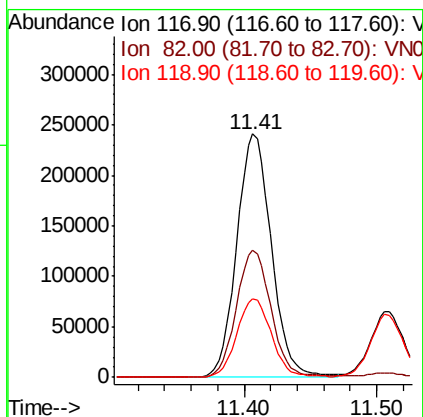
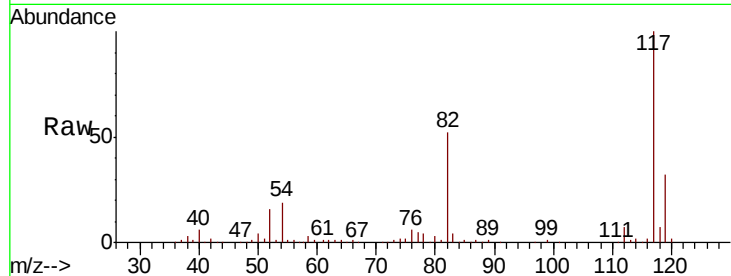




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

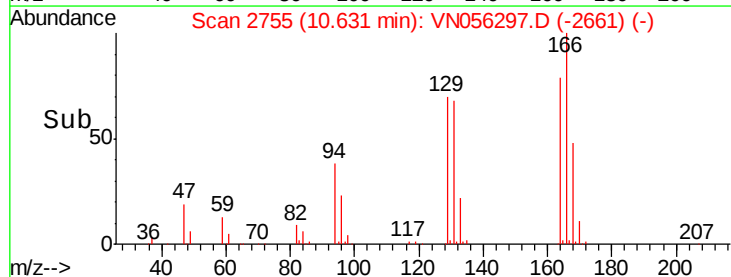
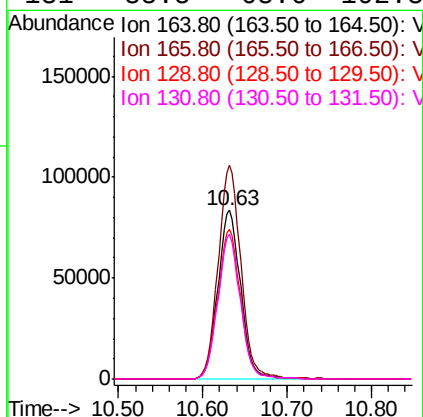
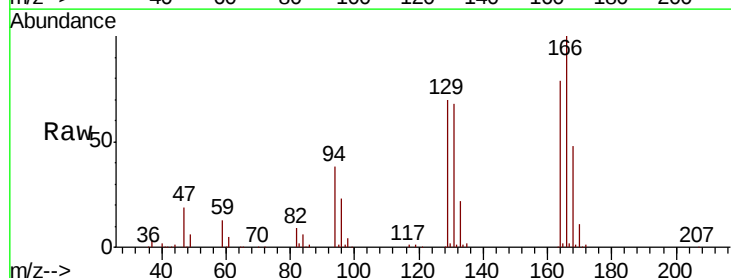
Instrument :
MSVOA_N
ClientSampleId :

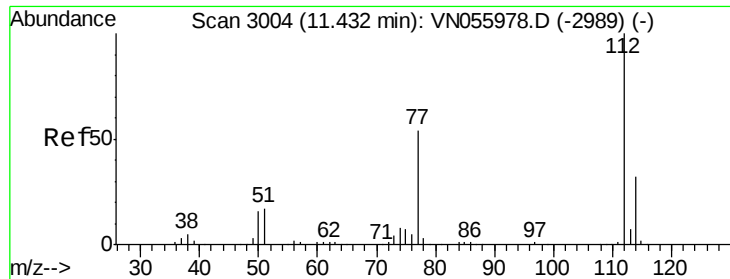
Tot Ion:117 Resp: 437900
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 41.401 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion:164 Resp: 156931
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 89.1 70.6 105.8
131 85.5 68.6 102.8

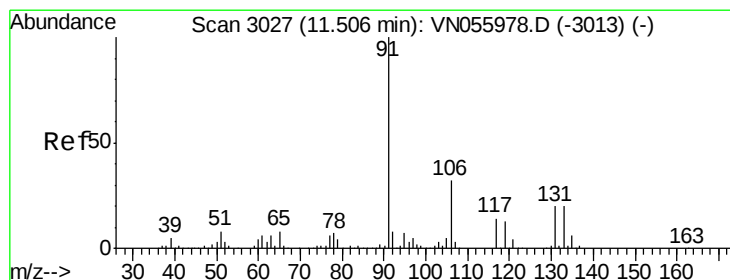
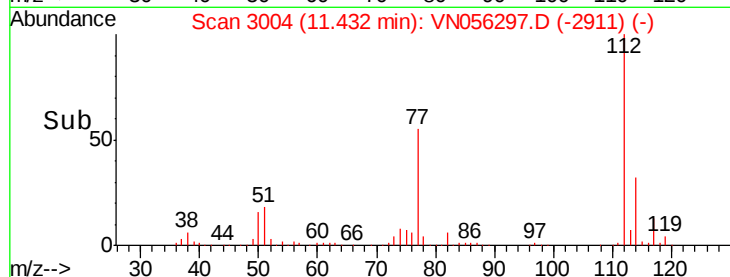
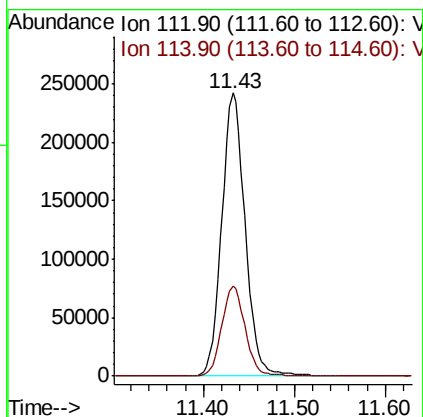
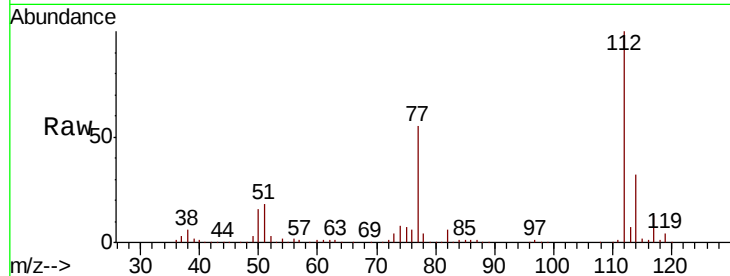




#65
Chlorobenzene
Concen: 49.643 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

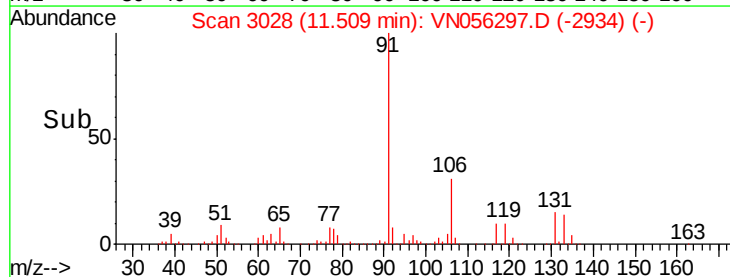
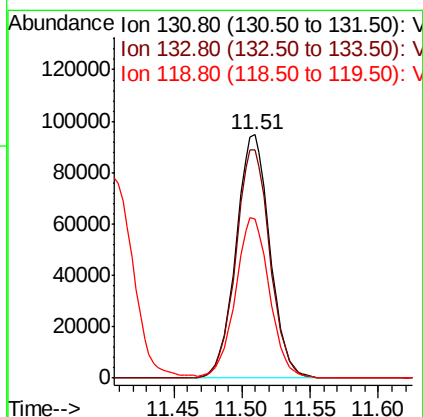
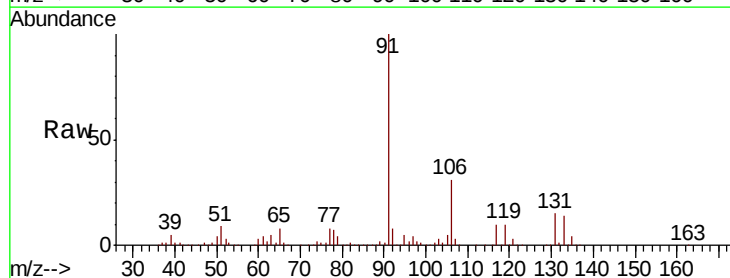
Instrument :
MSVOA_N
ClientSampled :

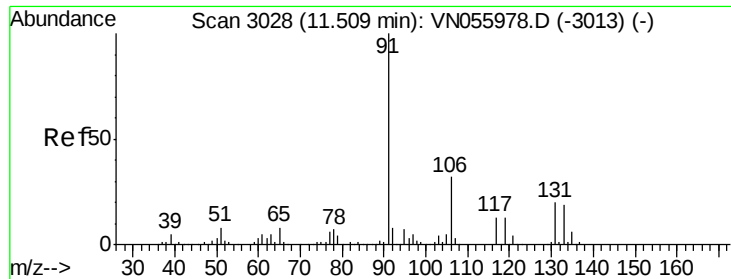
Tot Ion:112 Resp: 432645
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.167 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion:131 Resp: 163001
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 66.4 33.1 99.5

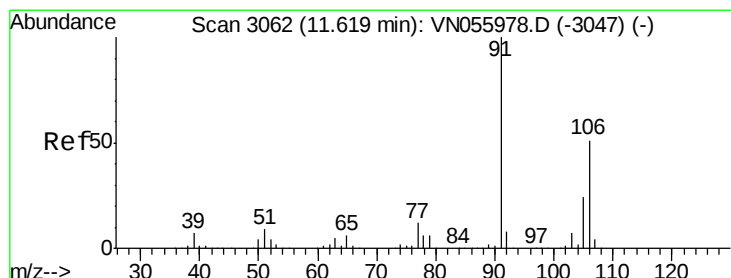
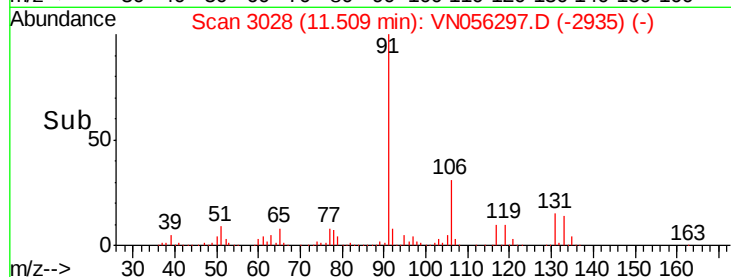
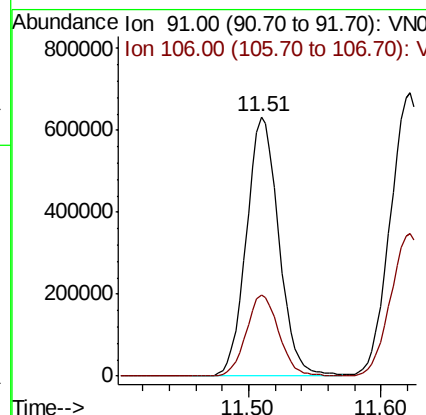
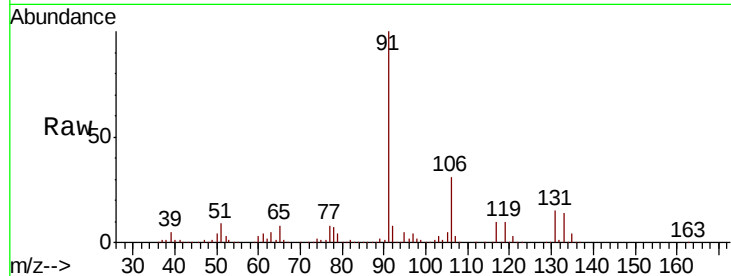




#67
Ethyl Benzene
Concen: 70.914 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

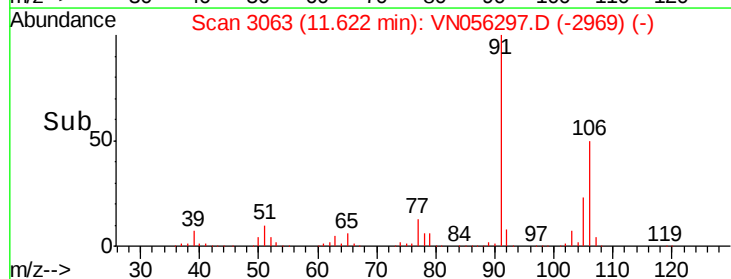
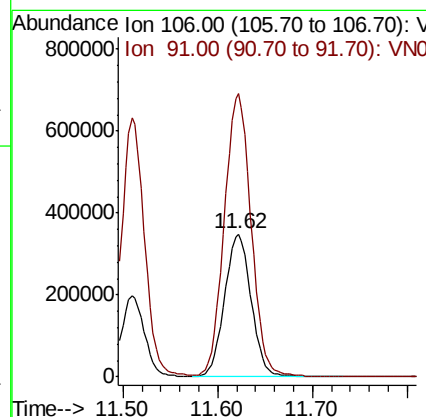
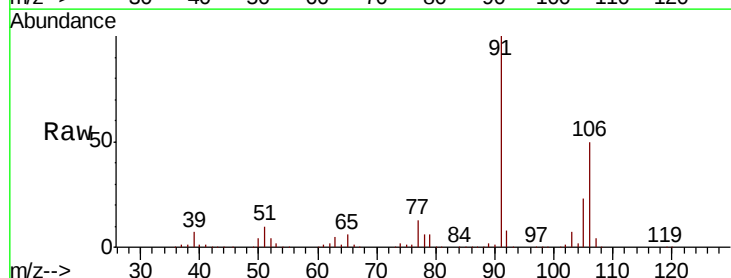
Instrument :
MSVOA_N
ClientSampled :

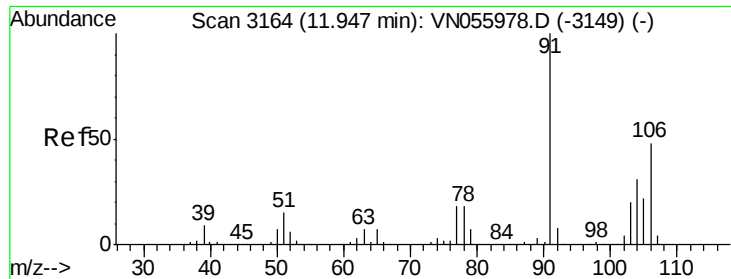
Tot Ion: 91 Resp: 1074635
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 117.974 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion: 106 Resp: 682954
Ion Ratio Lower Upper
106 100
91 199.7 159.3 238.9

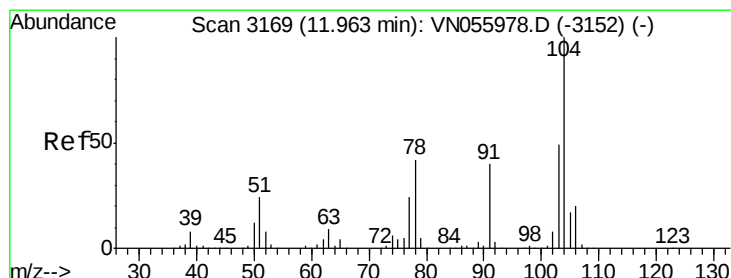
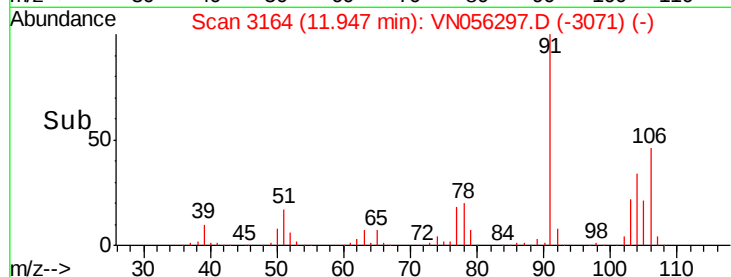
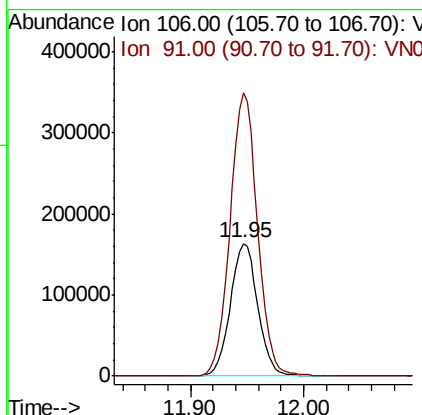
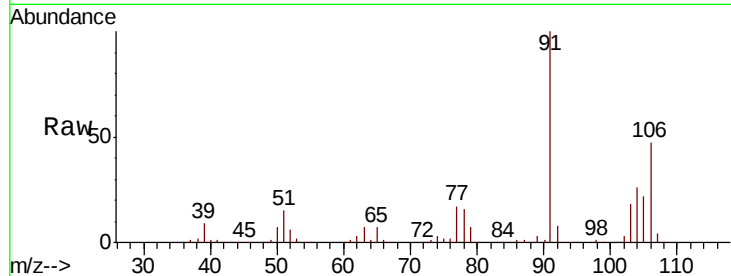




#69
o-Xylene
Concen: 48.429 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

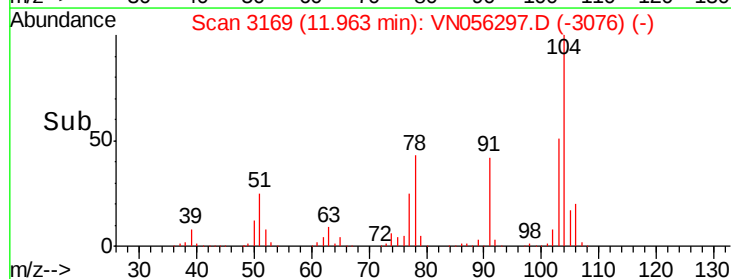
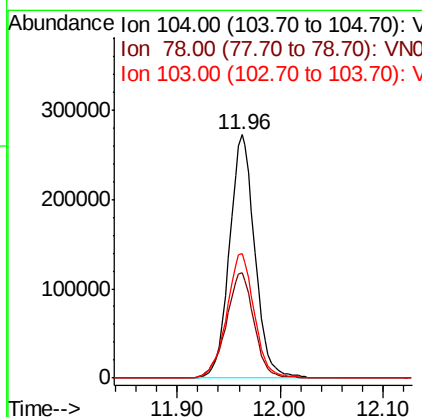
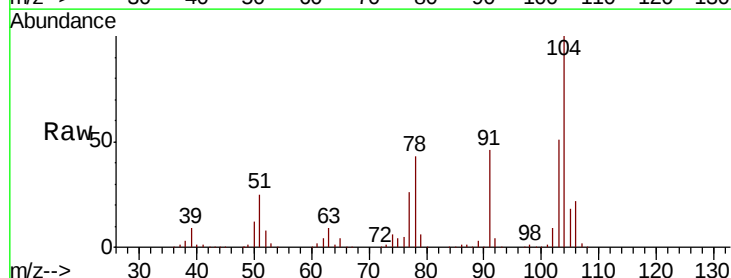
Instrument :
MSVOA_N
ClientSampled :

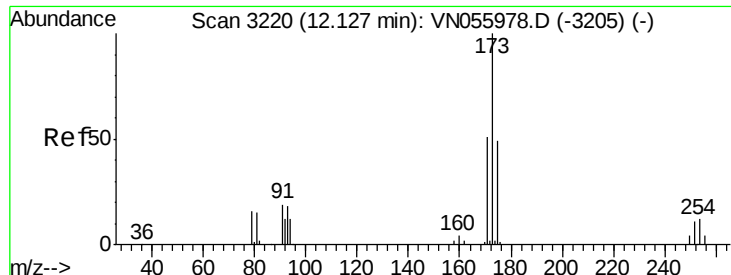
Tot Ion:106 Resp: 275778
Ion Ratio Lower Upper
106 100
91 213.2 104.7 314.1



#70
Styrene
Concen: 51.605 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion:104 Resp: 466903
Ion Ratio Lower Upper
104 100
78 47.5 37.8 56.6
103 55.5 44.2 66.2

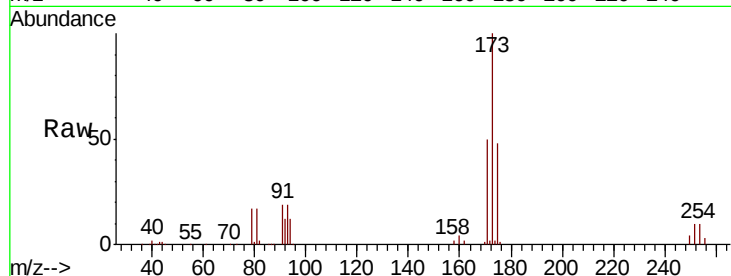




#71
Bromoform
Concen: 50.699 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.8
254	0.0	0.0	0.0

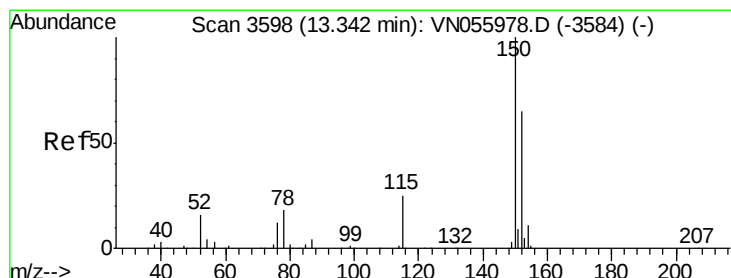
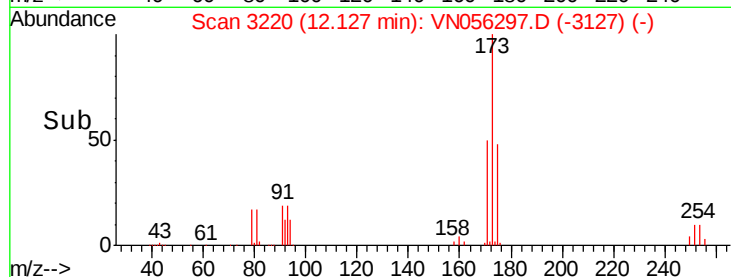
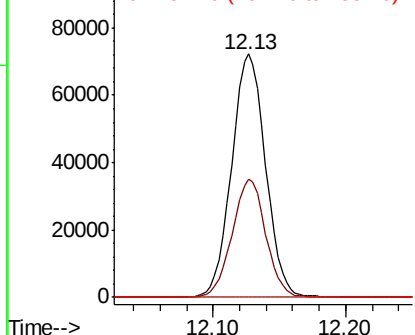


Abundance

Ion 172.70 (172.40 to 173.40): V

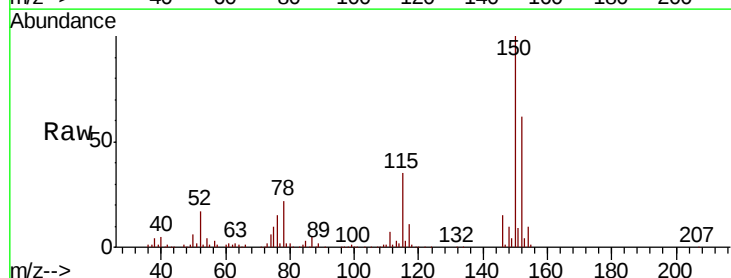
Ion 174.70 (174.40 to 175.40): V

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: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.0	81.0
150	174.3	0.0	343.2

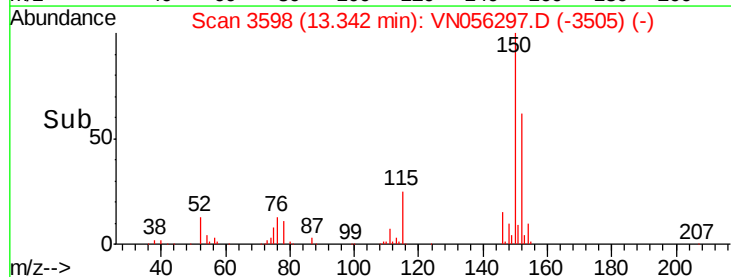
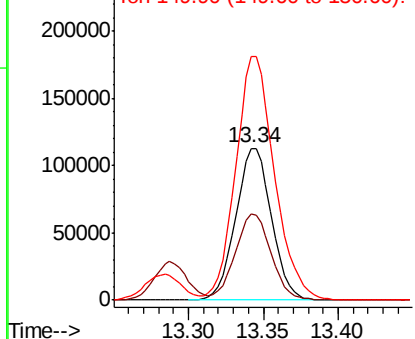


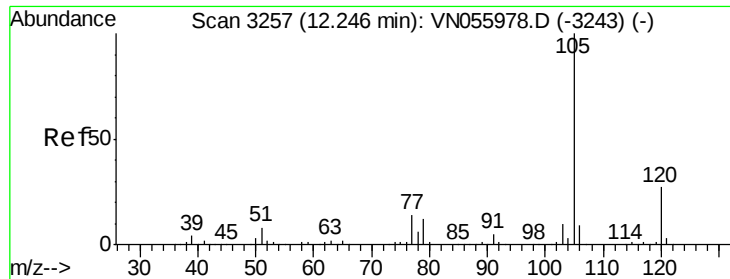
Abundance

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: 60.889 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

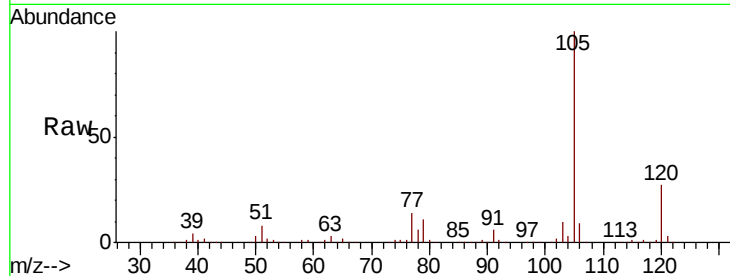
ClientSampled :

Tot Ion:105 Resp: 807609

Ion Ratio Lower Upper

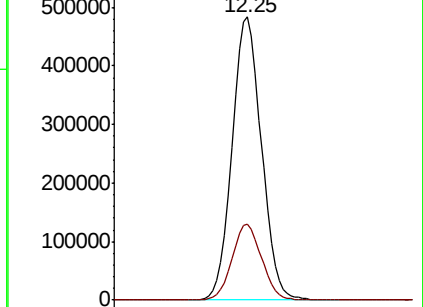
105 100

120 27.0 13.6 40.7

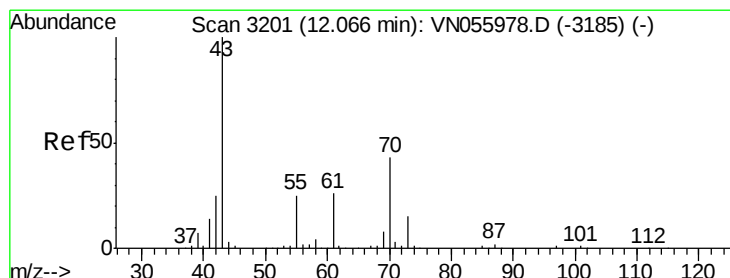
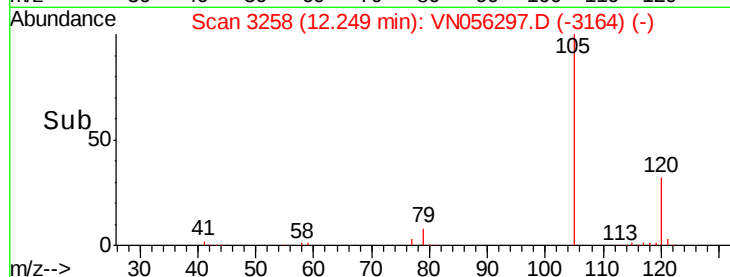


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 46.142 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Tgt Ion: 43 Resp: 230869

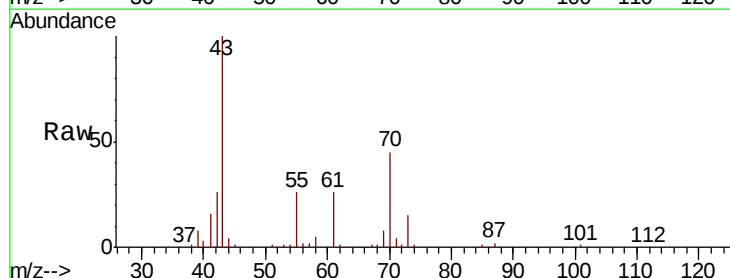
Ion Ratio Lower Upper

43 100

70 43.8 34.0 51.0

55 25.5 18.6 28.0

61 25.2 20.0 30.0

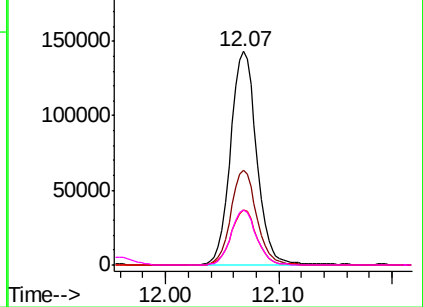


Abundance Ion 43.00 (42.70 to 43.70): V

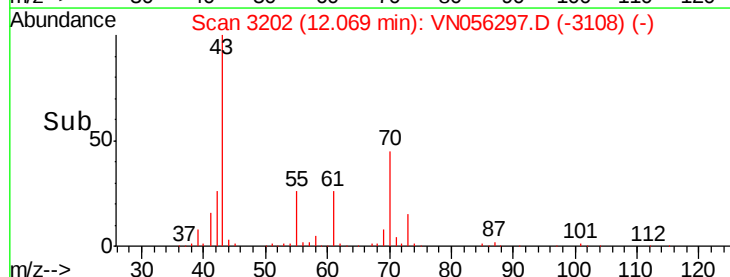
Ion 70.00 (69.70 to 70.70): V

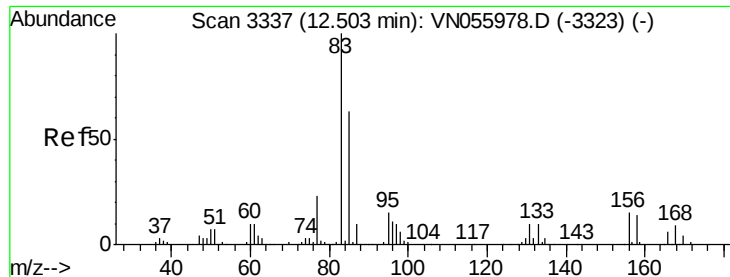
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.945 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

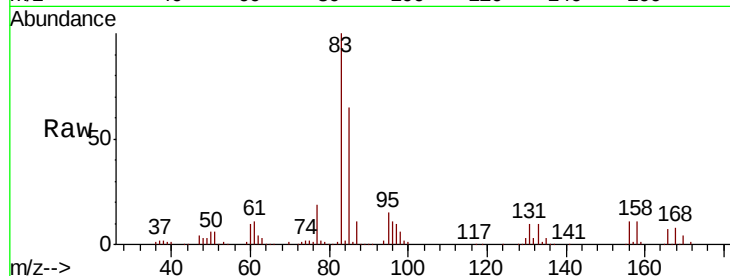
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 239417

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	64.6	32.4	97.0

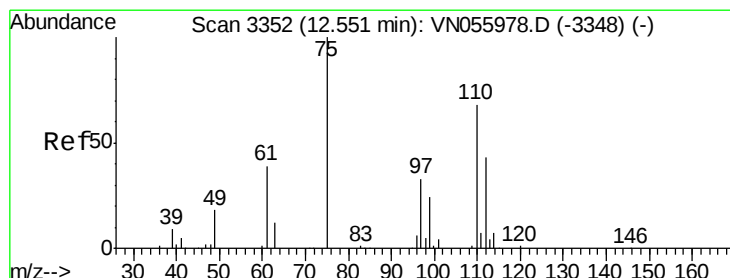
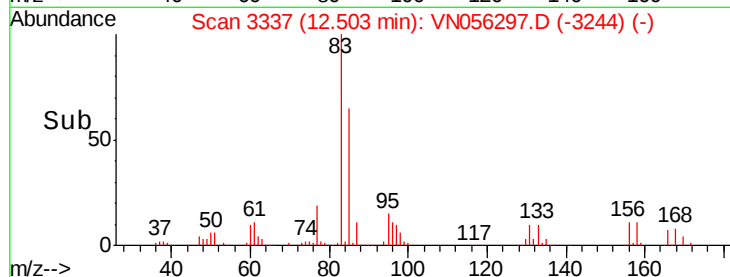
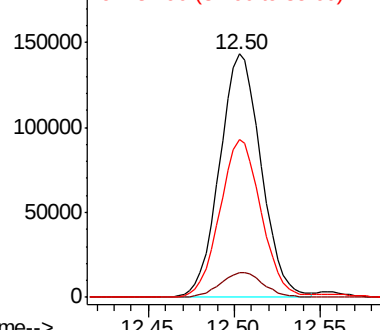


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 78.625 ug/l

RT: 12.55 min Scan# 3353

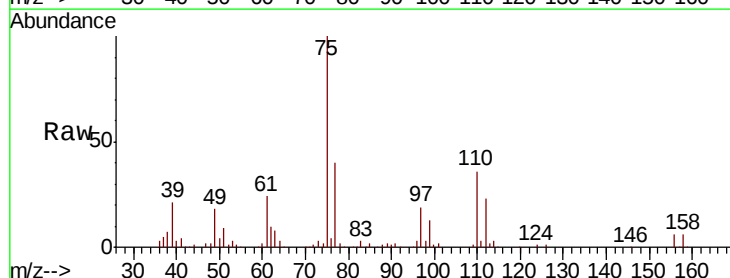
Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Tgt Ion: 75 Resp: 271555

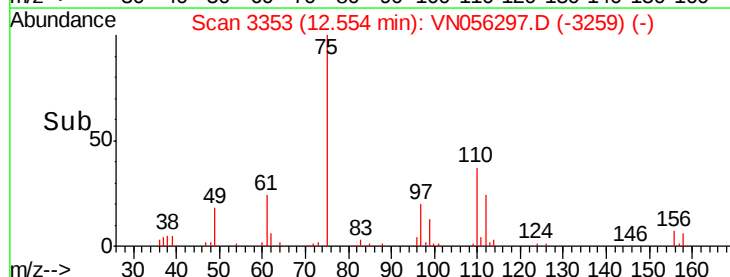
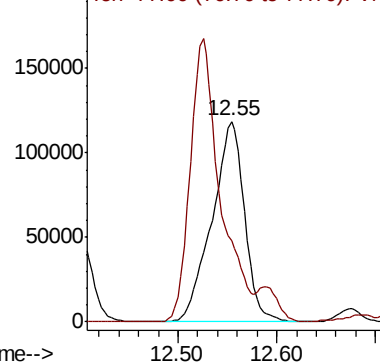
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

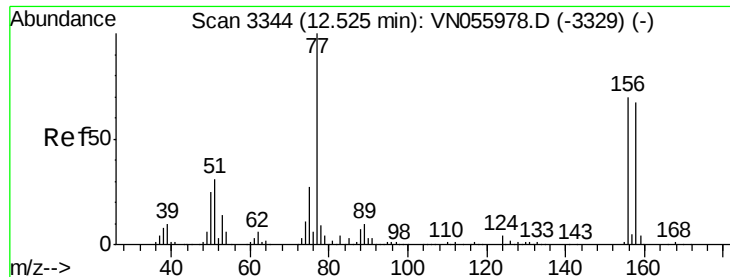


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.633 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

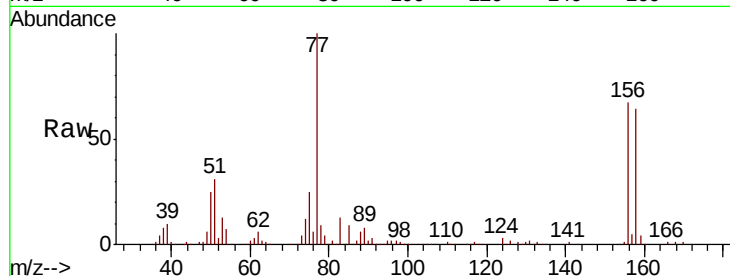
Tot Ion:156 Resp: 195441

Ion Ratio Lower Upper

156 100

77 184.0 90.8 272.5

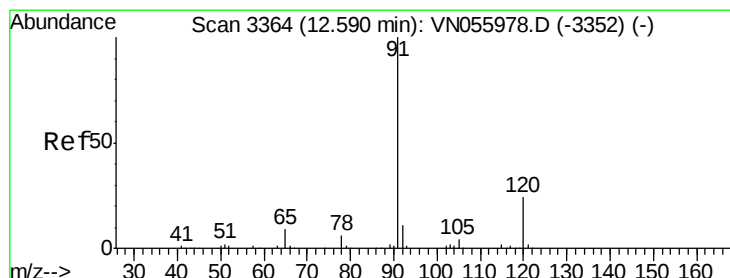
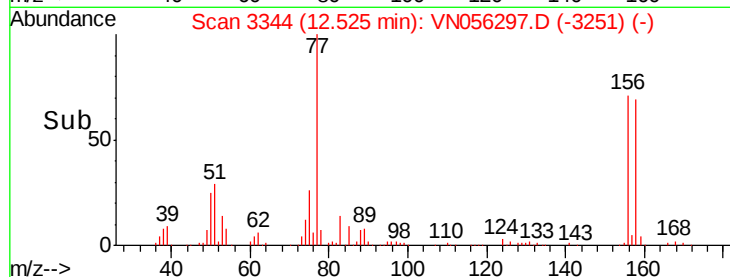
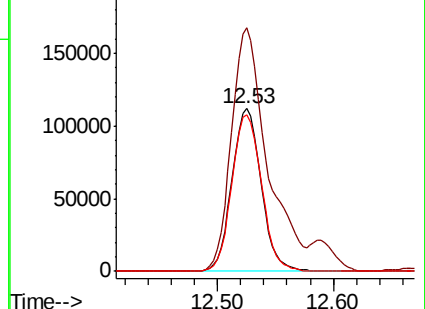
158 97.7 49.3 147.8



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: 54.467 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056297.D

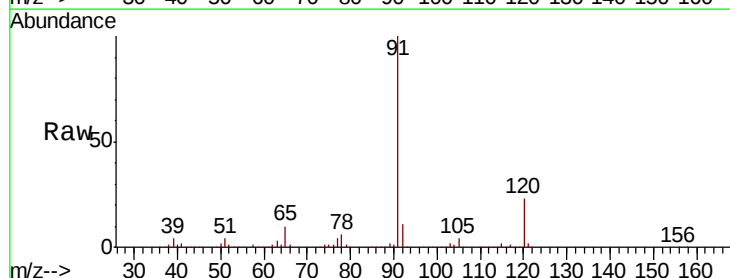
Acq: 13 Jun 2019 21:28

Tgt Ion: 91 Resp: 864907

Ion Ratio Lower Upper

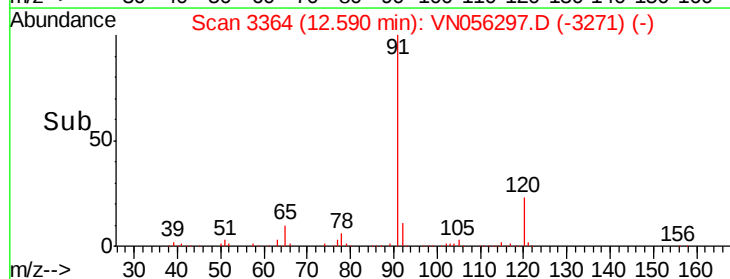
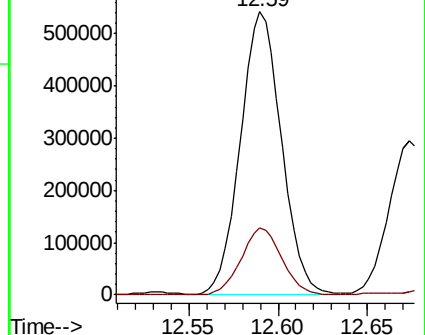
91 100

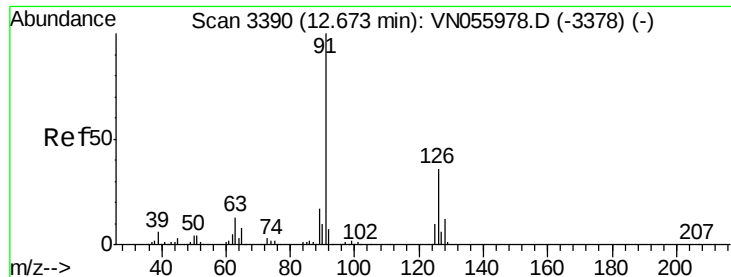
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

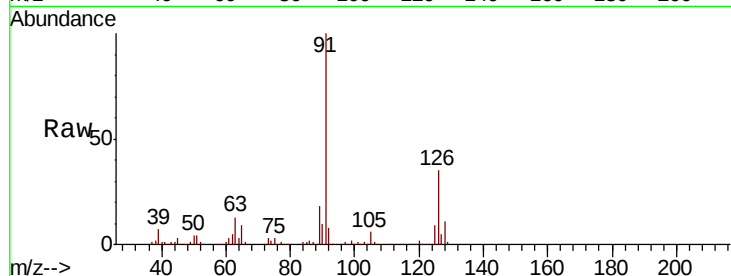




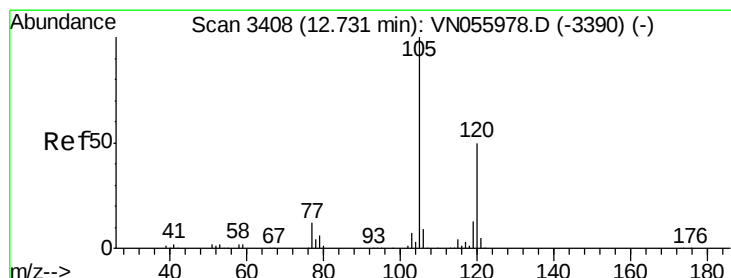
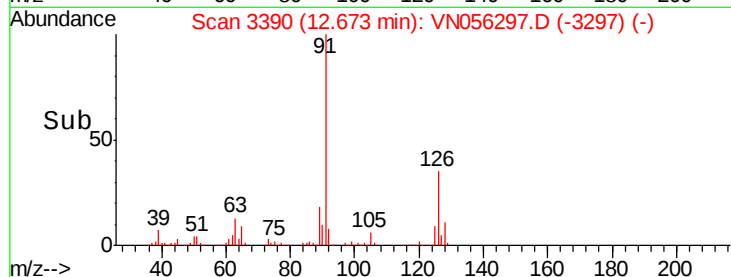
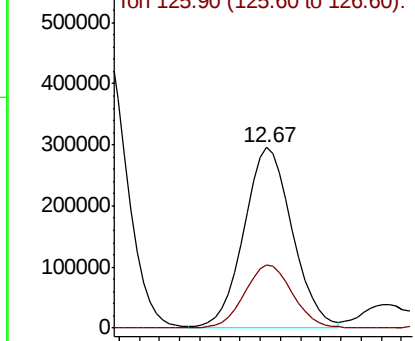
#79
 2-Chlorotoluene
 Concen: 56.032 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 491050
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.1 54.4

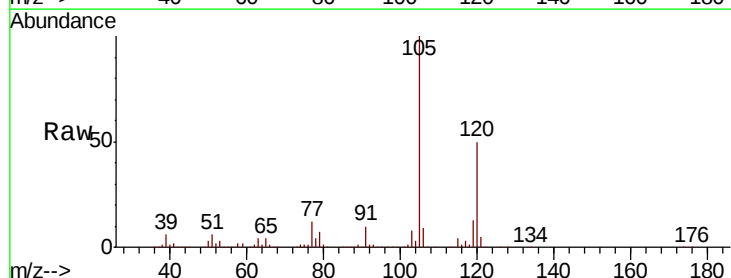


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

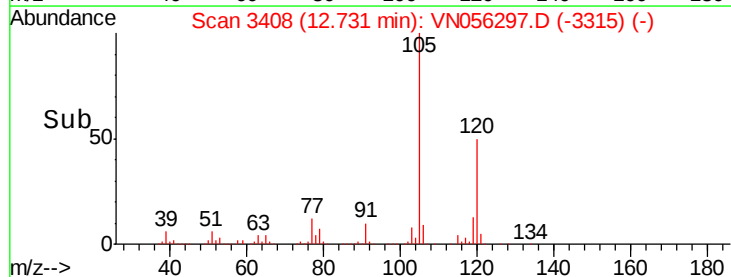
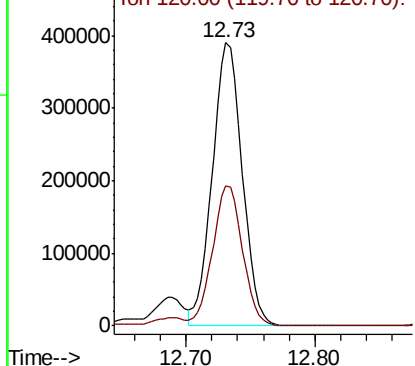


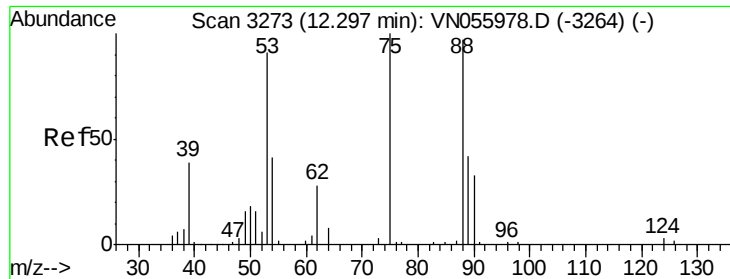
#80
 1,3,5-Trimethylbenzene
 Concen: 49.803 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion: 105 Resp: 628529
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.7 74.1



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.334 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

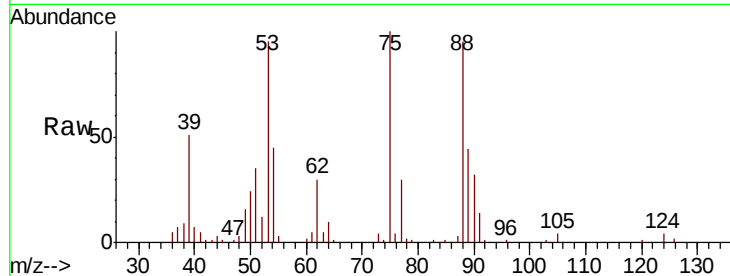
Tot Ion: 75 Resp: 52202

Ion Ratio Lower Upper

75 100

53 95.5 68.1 102.1

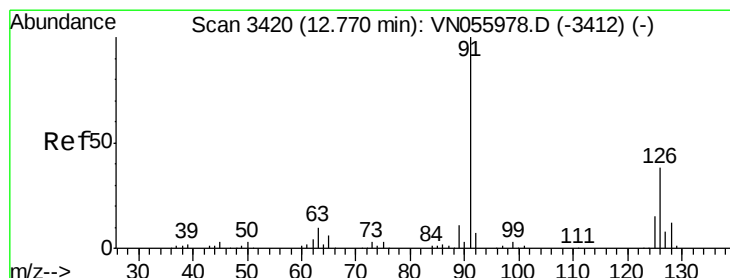
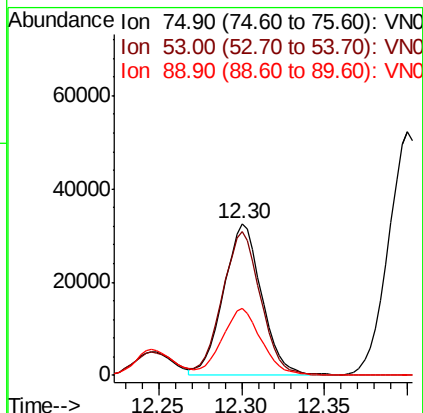
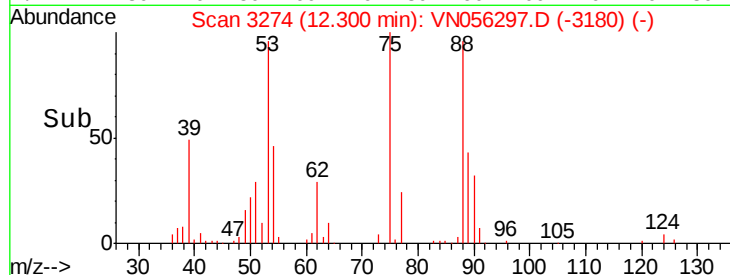
89 45.2 36.9 55.3



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: 50.069 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056297.D

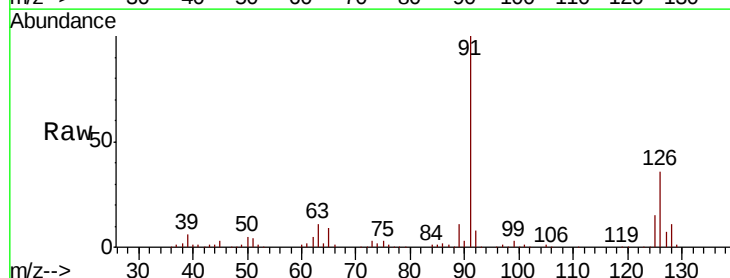
Acq: 13 Jun 2019 21:28

Tgt Ion: 91 Resp: 465147

Ion Ratio Lower Upper

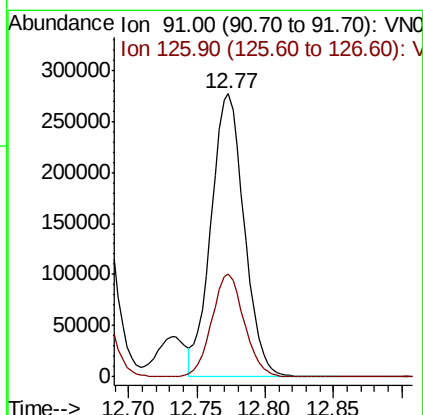
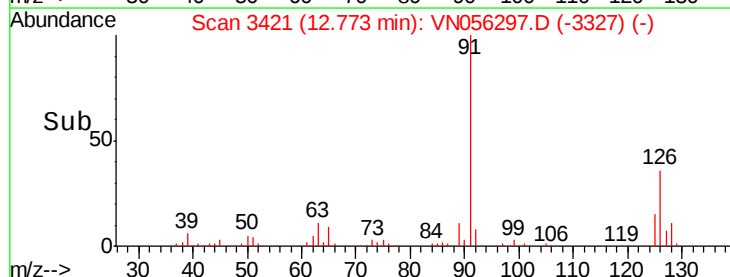
91 100

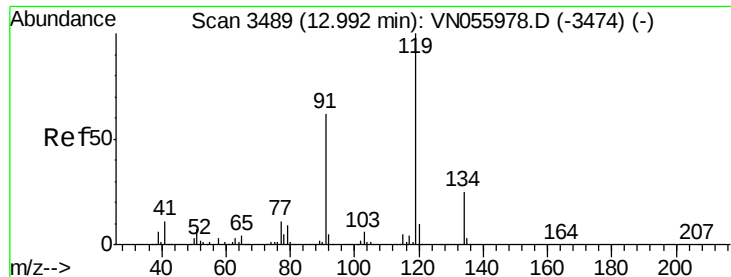
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

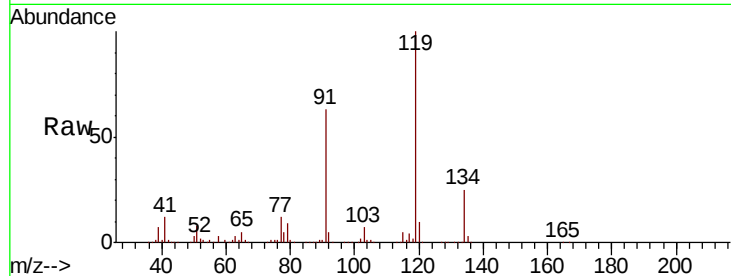




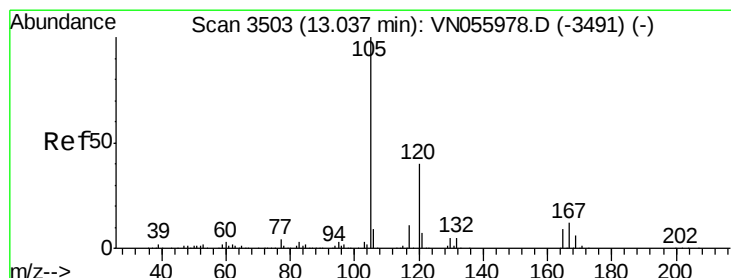
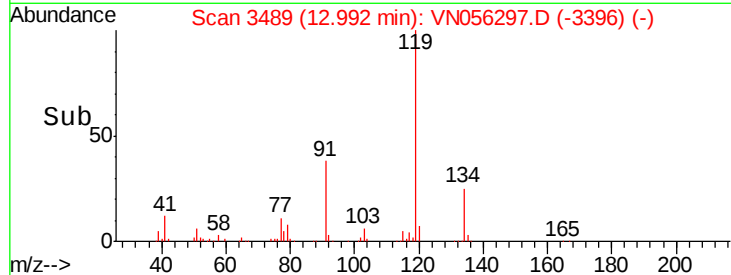
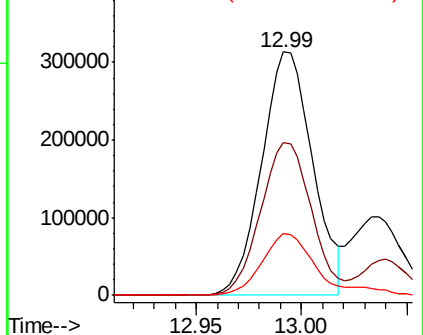
#83
tert-Butylbenzene
Concen: 54.226 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 528726
Ion Ratio Lower Upper
119 100
91 62.6 30.9 92.8
134 27.3 13.3 39.8

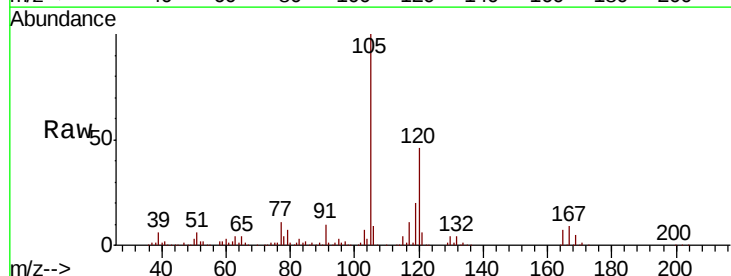


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

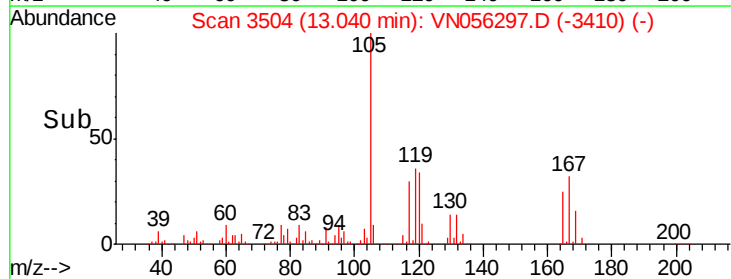
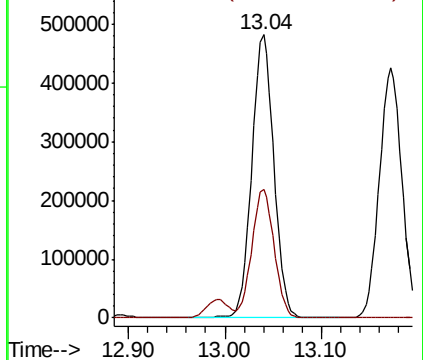


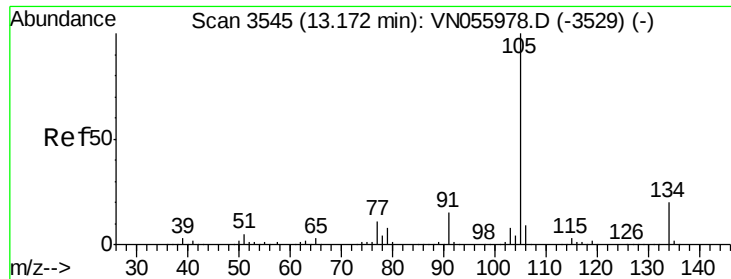
#84
1,2,4-Trimethylbenzene
Concen: 63.777 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056297.D
Acq: 13 Jun 2019 21:28

Tgt Ion:105 Resp: 763277
Ion Ratio Lower Upper
105 100
120 46.1 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: 48.937 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

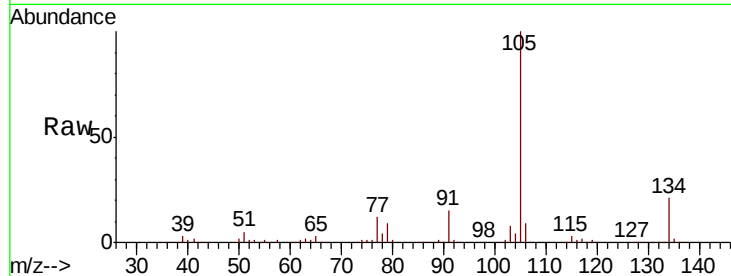
ClientSampled :

Tot Ion:105 Resp: 688190

Ion Ratio Lower Upper

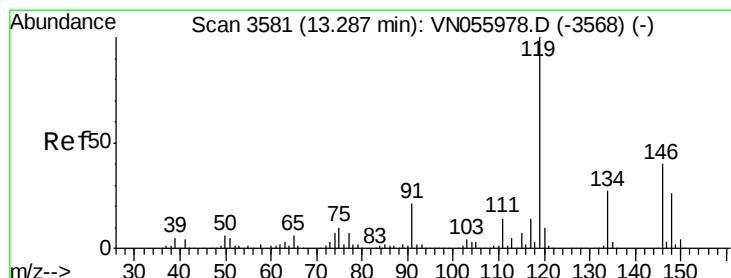
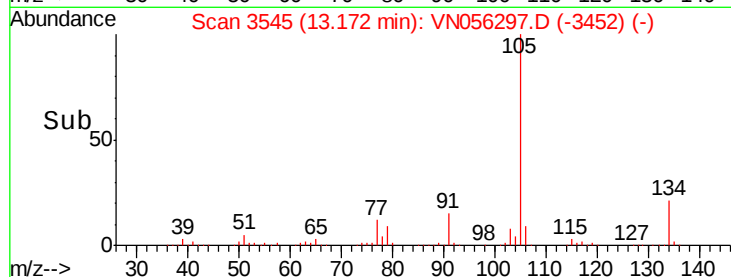
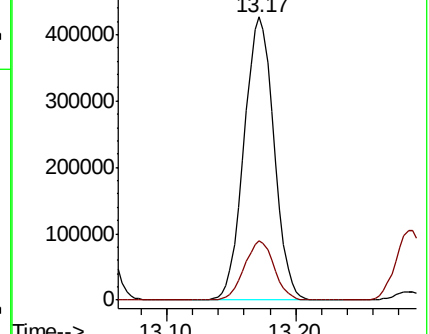
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.253 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

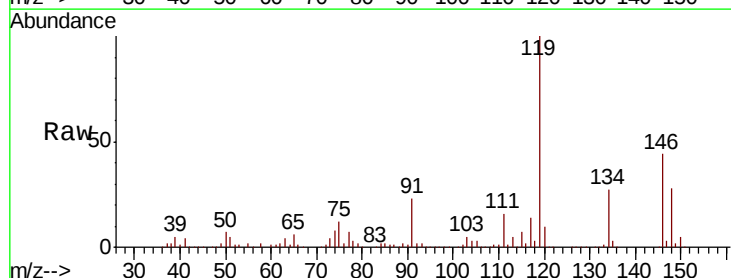
Tgt Ion:119 Resp: 607294

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

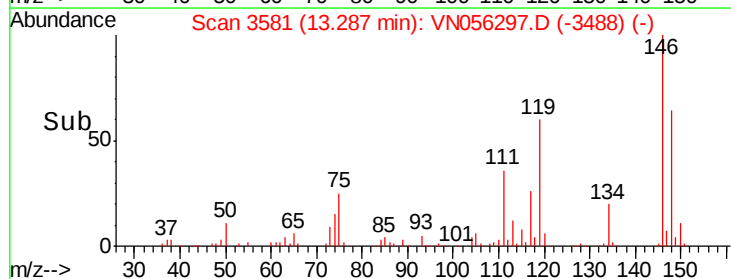
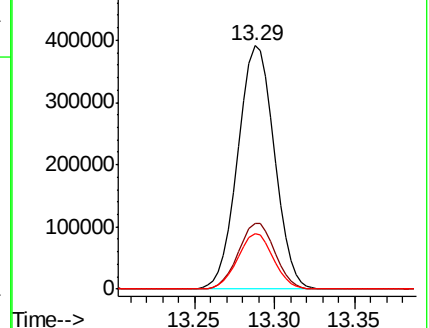
91 22.0 10.9 32.9

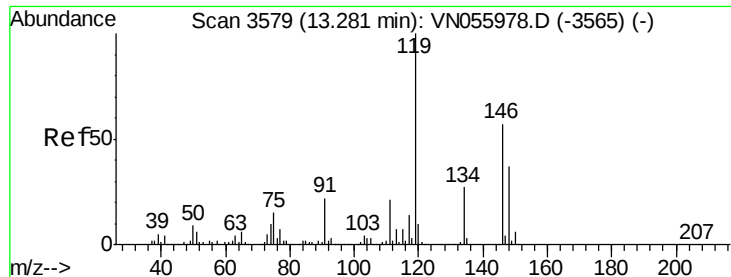


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.249 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampled :

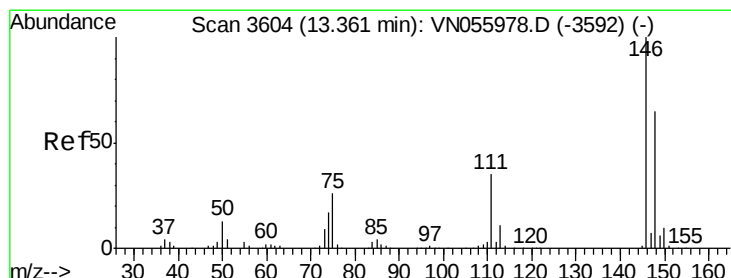
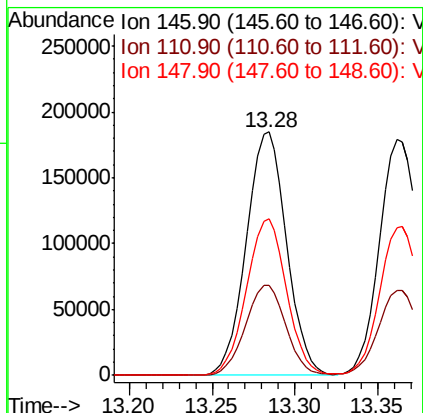
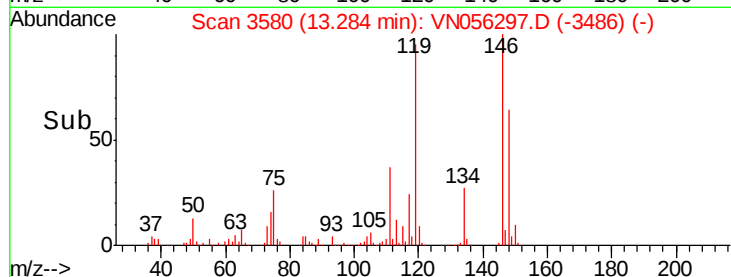
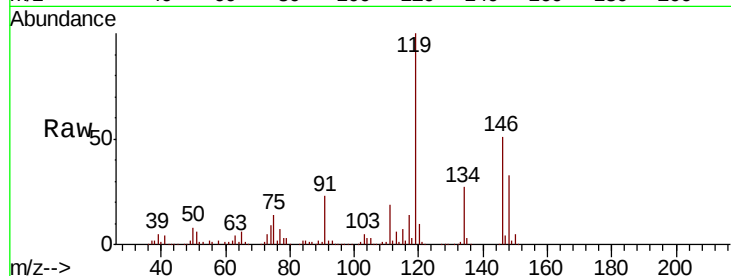
Tot Ion:146 Resp: 312533

Ion Ratio Lower Upper

146 100

111 37.1 18.5 55.5

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.317 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

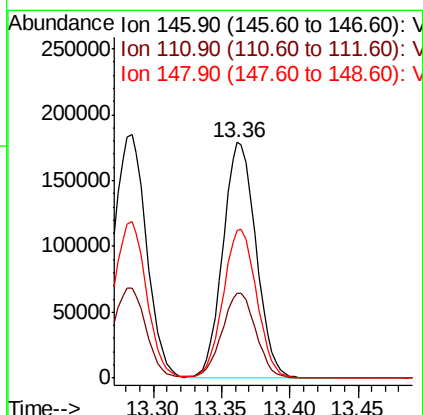
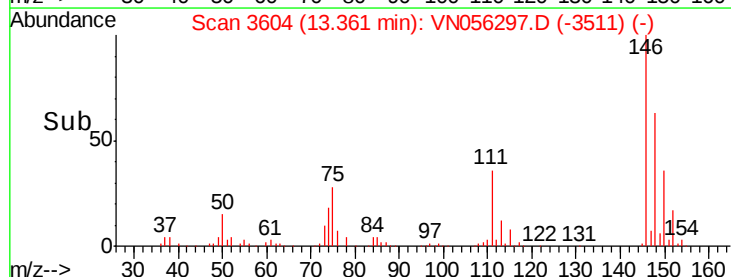
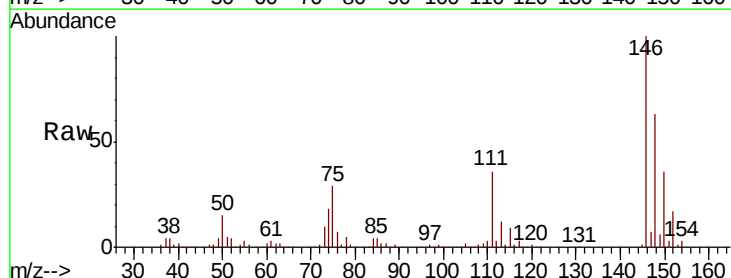
Tgt Ion:146 Resp: 301051

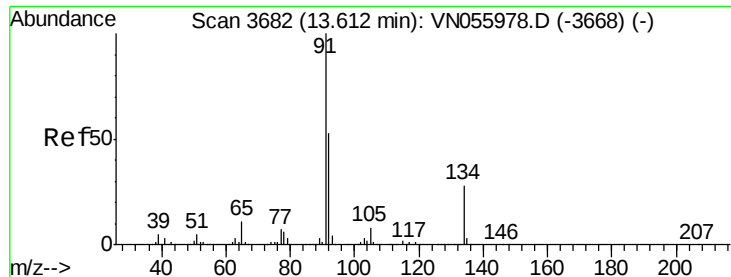
Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.4

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 48.190 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampleId :

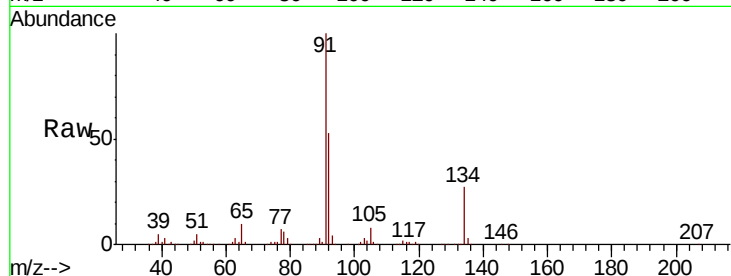
Tot Ion: 91 Resp: 449286

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

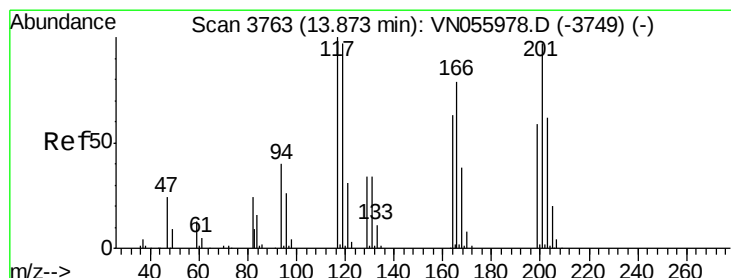
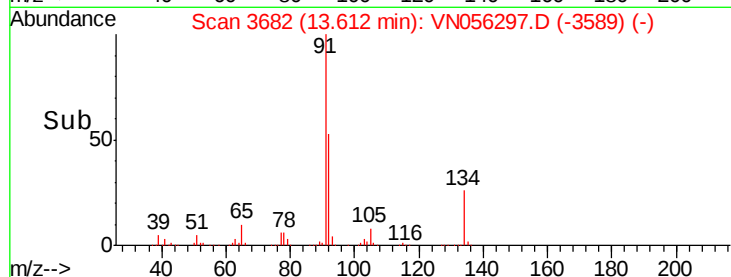
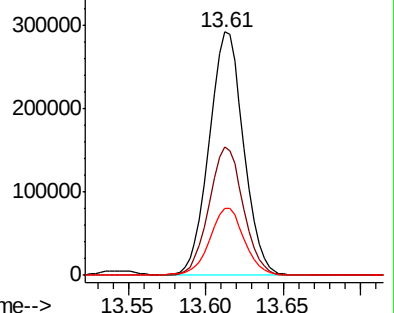
134 27.6 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 55.085 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056297.D

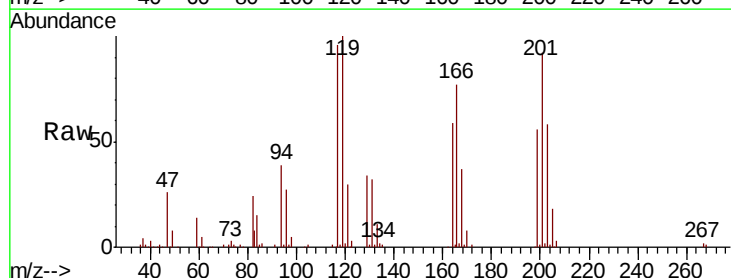
Acq: 13 Jun 2019 21:28

Tgt Ion: 117 Resp: 104552

Ion Ratio Lower Upper

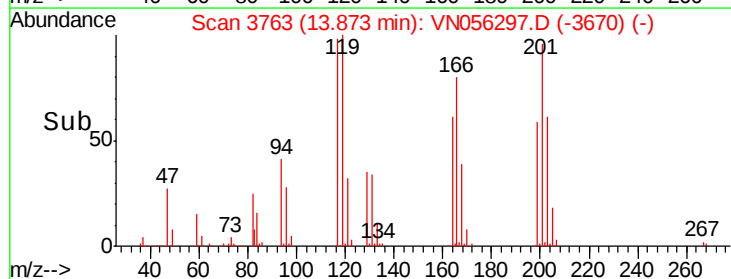
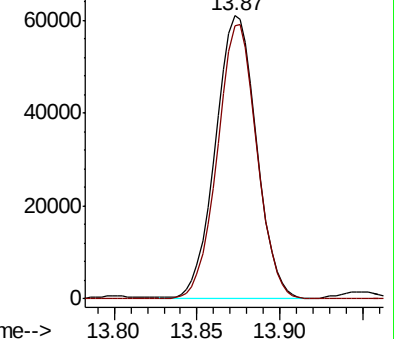
117 100

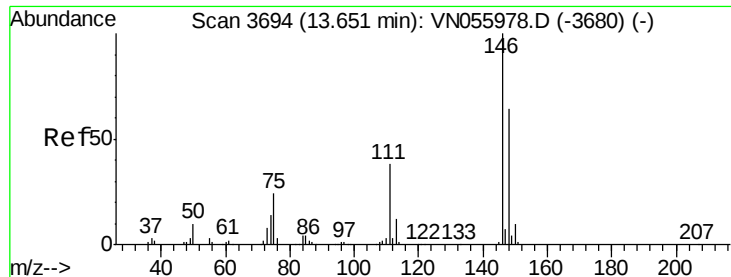
201 93.6 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

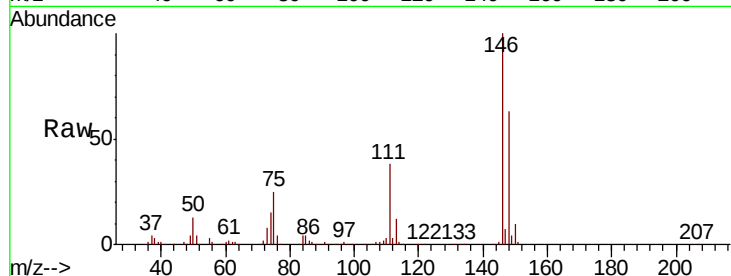




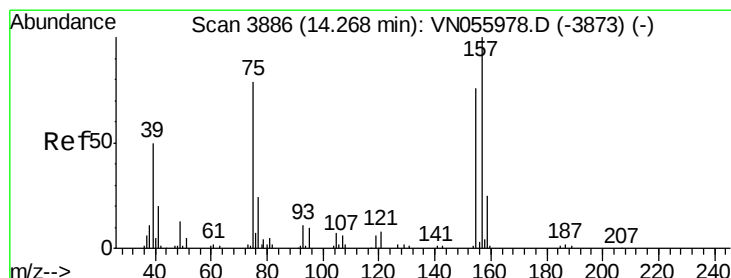
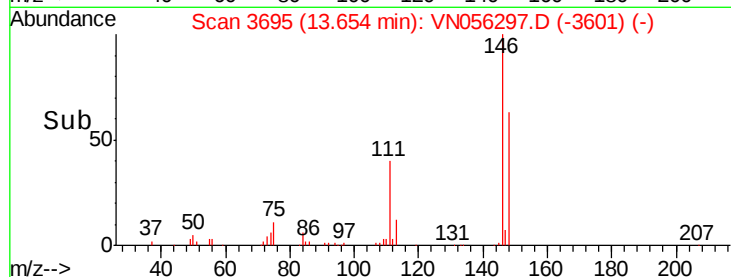
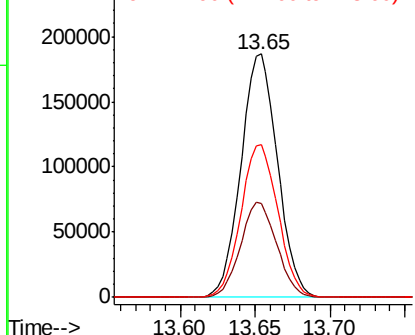
#91
 1,2-Dichlorobenzene
 Concen: 50.680 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	63.4	31.9	95.9

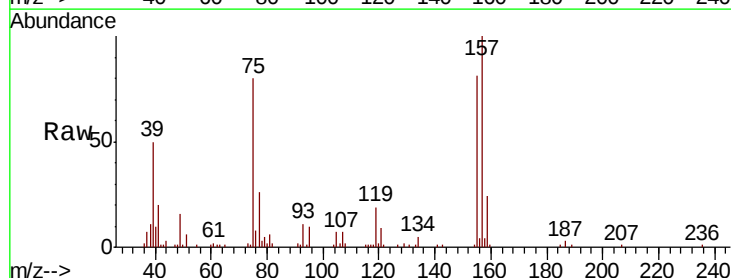


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

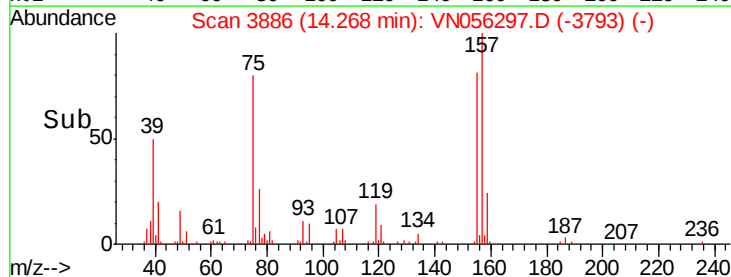
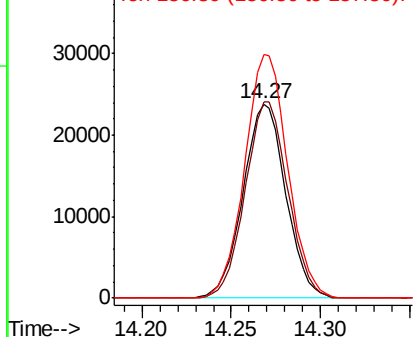


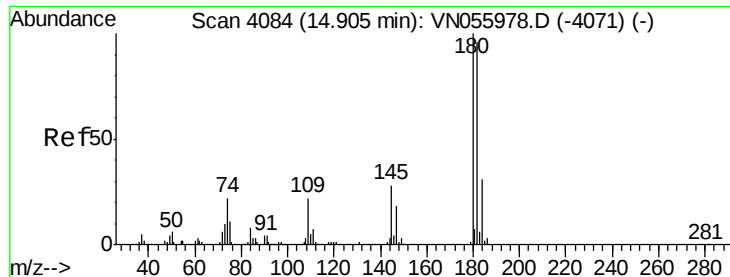
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.820 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	50.0	150.1
157	126.3	64.8	194.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

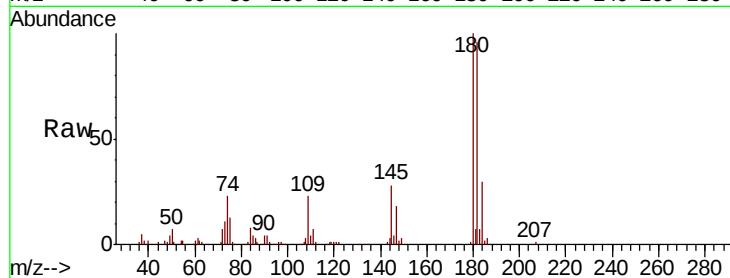




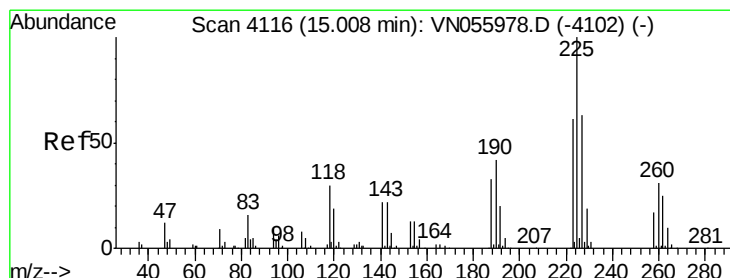
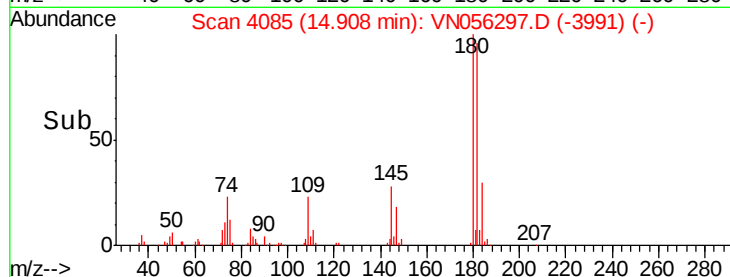
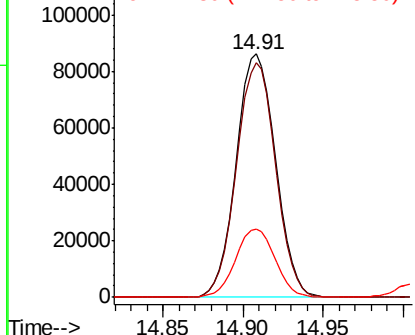
#93
 1,2,4-Trichlorobenzene
 Concen: 42.465 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 144513
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.3 144.9
 145 28.3 14.0 41.9

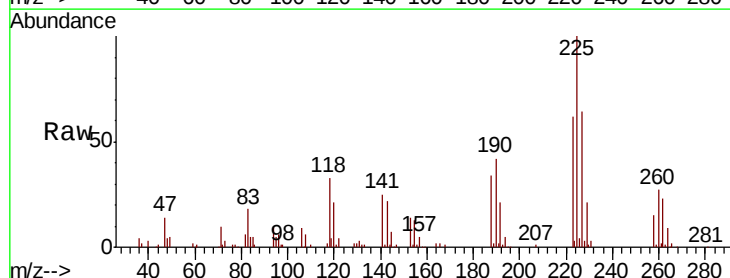


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

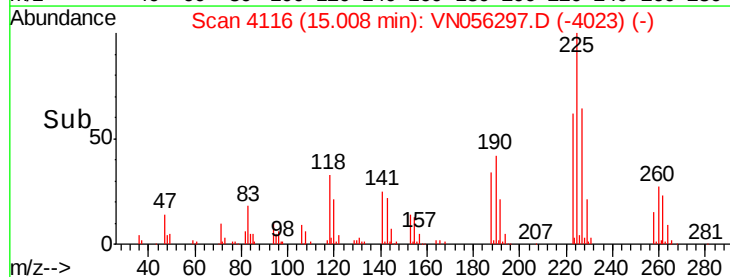
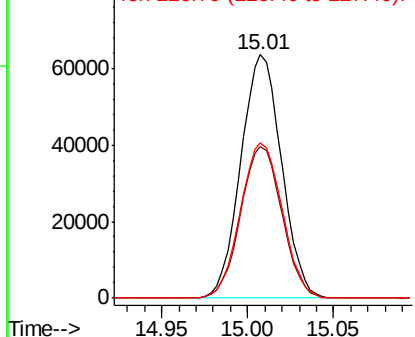


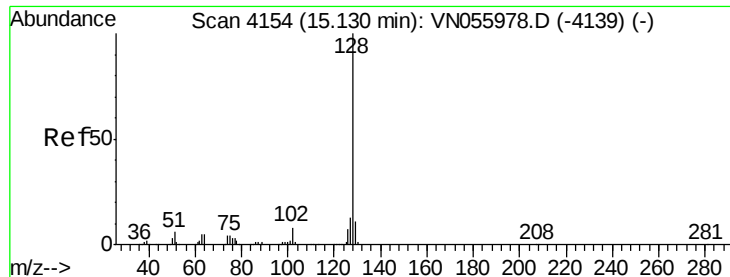
#94
 Hexachlorobutadiene
 Concen: 48.642 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056297.D
 Acq: 13 Jun 2019 21:28

Tgt Ion:225 Resp: 104883
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 65.2 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: 53.310 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

Instrument :

MSVOA_N

ClientSampled :

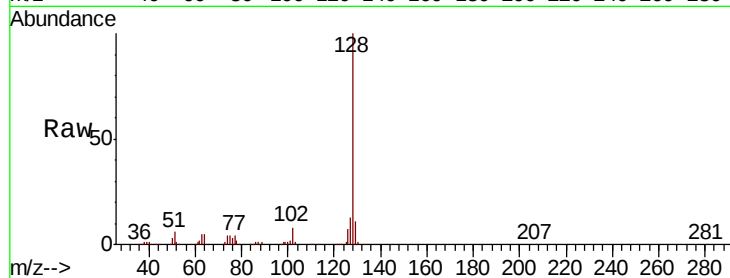
Tot Ion:128 Resp: 481092

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

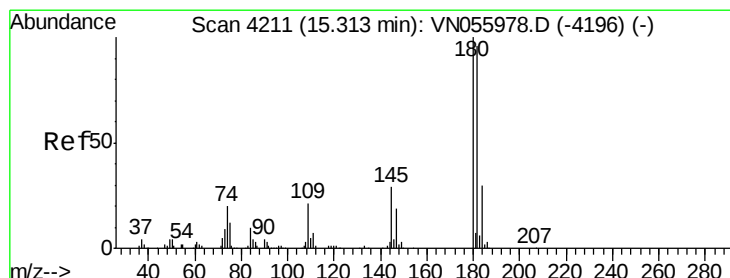
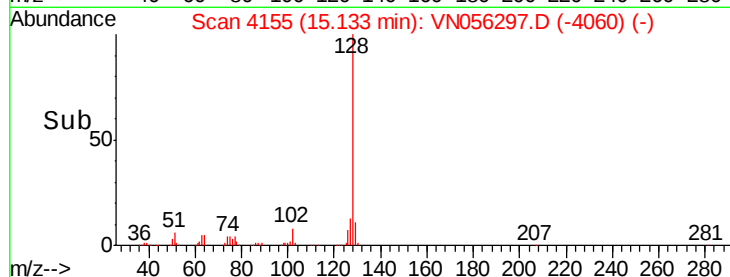
300000

200000

100000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 47.229 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056297.D

Acq: 13 Jun 2019 21:28

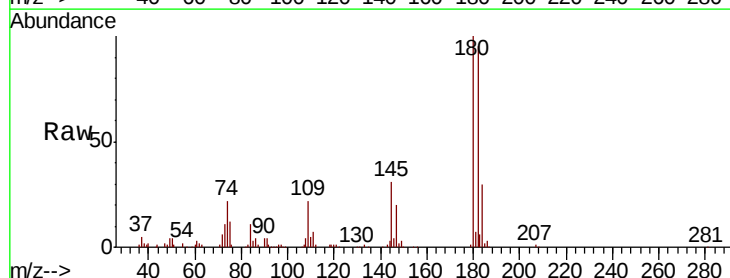
Tgt Ion:180 Resp: 165924

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.4 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.31

120000

100000

80000

60000

40000

20000

0

Time-->

