

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056926.D
 Acq On : 25 Jul 2019 16:35
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

Quant Time: Jul 26 04:26:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	501605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	755716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	668580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	284936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247759	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.57	113	230537	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.08	98	875608	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.39	95	288480	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	278973	47.418	ug/l	100
3) Chloromethane	2.05	50	308950	47.789	ug/l	99
4) Vinyl Chloride	2.17	62	294176	48.325	ug/l	98
5) Bromomethane	2.54	94	194937	52.942	ug/l	100
6) Chloroethane	2.68	64	161610	47.827	ug/l	98
7) Trichlorofluoromethane	3.00	101	374110	47.153	ug/l	98
8) Diethyl Ether	3.39	74	146615	49.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	229782	47.134	ug/l	100
10) Methyl Iodide	3.93	142	317251	44.289	ug/l	99
11) Tert butyl alcohol	4.77	59	177282	236.761	ug/l	100
12) 1,1-Dichloroethene	3.72	96	227658	48.364	ug/l	99
13) Acrolein	3.59	56	101467	241.807	ug/l	97
14) Allyl chloride	4.30	41	373420	48.892	ug/l	98
15) Acrylonitrile	4.96	53	544400	252.644	ug/l	99
16) Acetone	3.80	43	453189	255.677	ug/l	99
17) Carbon Disulfide	4.03	76	606852	47.865	ug/l	99
18) Methyl Acetate	4.30	43	287042	46.256	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	691479	49.957	ug/l	98
20) Methylene Chloride	4.53	84	254957	45.422	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	242227	48.088	ug/l	98
22) Diisopropyl ether	5.93	45	760819	48.914	ug/l	98
23) Vinyl Acetate	5.87	43	2760541	257.647	ug/l	100
24) 1,1-Dichloroethane	5.83	63	437369	47.861	ug/l	100
25) 2-Butanone	6.82	43	680299	249.341	ug/l	100
26) 2,2-Dichloropropane	6.80	77	332702	49.609	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	283365	49.297	ug/l	98
28) Bromochloromethane	7.18	49	208176	49.363	ug/l	99
29) Tetrahydrofuran	7.20	42	451439	252.510	ug/l	100
30) Chloroform	7.36	83	433886	46.103	ug/l	99
31) Cyclohexane	7.64	56	413087	46.452	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	367582	48.770	ug/l	98
36) 1,1-Dichloropropene	7.78	75	329743	47.725	ug/l	99
37) Ethyl Acetate	6.91	43	276558	49.397	ug/l	99
38) Carbon Tetrachloride	7.76	117	311553	47.407	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	414859	49.267	ug/l	99
40) Benzene	8.03	78	1011287	46.939	ug/l	99
41) Methacrylonitrile	7.15	41	112068	45.514	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	313055	47.044	ug/l	99
43) Isopropyl Acetate	8.15	43	453456	49.229	ug/l	99
44) Trichloroethene	8.82	130	279049	47.476	ug/l	99
45) 1,2-Dichloropropane	9.11	63	269843	46.604	ug/l	99
46) Dibromomethane	9.20	93	168758	48.347	ug/l	99
47) Bromodichloromethane	9.39	83	329882	48.395	ug/l	100
48) Methyl methacrylate	9.19	41	223650	50.580	ug/l	99
49) 1,4-Dioxane	9.19	88	91021	983.079	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1371427	250.421	ug/l	100
52) Toluene	10.15	92	630862	48.821	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	352351	51.272	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	403342	49.854	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	243343	46.989	ug/l	99
56) Ethyl methacrylate	10.42	69	364187	52.305	ug/l	99
57) 1,3-Dichloropropane	10.70	76	410820	48.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	716192	228.215	ug/l	100
59) 2-Hexanone	10.74	43	969096	258.115	ug/l	98
60) Dibromochloromethane	10.89	129	261162	49.636	ug/l	100
61) 1,2-Dibromoethane	11.00	107	252942	49.207	ug/l	98
64) Tetrachloroethene	10.62	164	272004	44.539	ug/l	97
65) Chlorobenzene	11.43	112	679531	48.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	254317	48.887	ug/l	99
67) Ethyl Benzene	11.50	91	1187239	49.297	ug/l	99
68) m/p-Xylenes	11.62	106	885815	98.637	ug/l	98
69) o-Xylene	11.94	106	431830	49.140	ug/l	99
70) Styrene	11.96	104	725867	47.369	ug/l	99
71) Bromoform	12.12	173	182346	50.466	ug/l	100
73) Isopropylbenzene	12.24	105	1160727	51.558	ug/l	100
74) N-amyl acetate	12.06	43	374746	49.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	320472	52.204	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	392060	74.713	ug/l #	100
77) Bromobenzene	12.52	156	300505	45.347	ug/l	100
78) n-propylbenzene	12.59	91	1282417	46.822	ug/l	99
79) 2-Chlorotoluene	12.67	91	762726	51.095	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	976152	45.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	94082	52.012	ug/l	98
82) 4-Chlorotoluene	12.77	91	751490	47.970	ug/l	99
83) tert-Butylbenzene	12.99	119	841003	51.816	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	964073	47.540	ug/l	100
85) sec-Butylbenzene	13.17	105	1100890	46.140	ug/l	100
86) p-Isopropyltoluene	13.28	119	1007142	47.769	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	494870	49.910	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	469732	49.474	ug/l	99
89) n-Butylbenzene	13.61	91	820148	50.364	ug/l	99
90) Hexachloroethane	13.87	117	165218	49.713	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	490543	48.843	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	52085	51.076	ug/l	99

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Quant Title : SW846 8260
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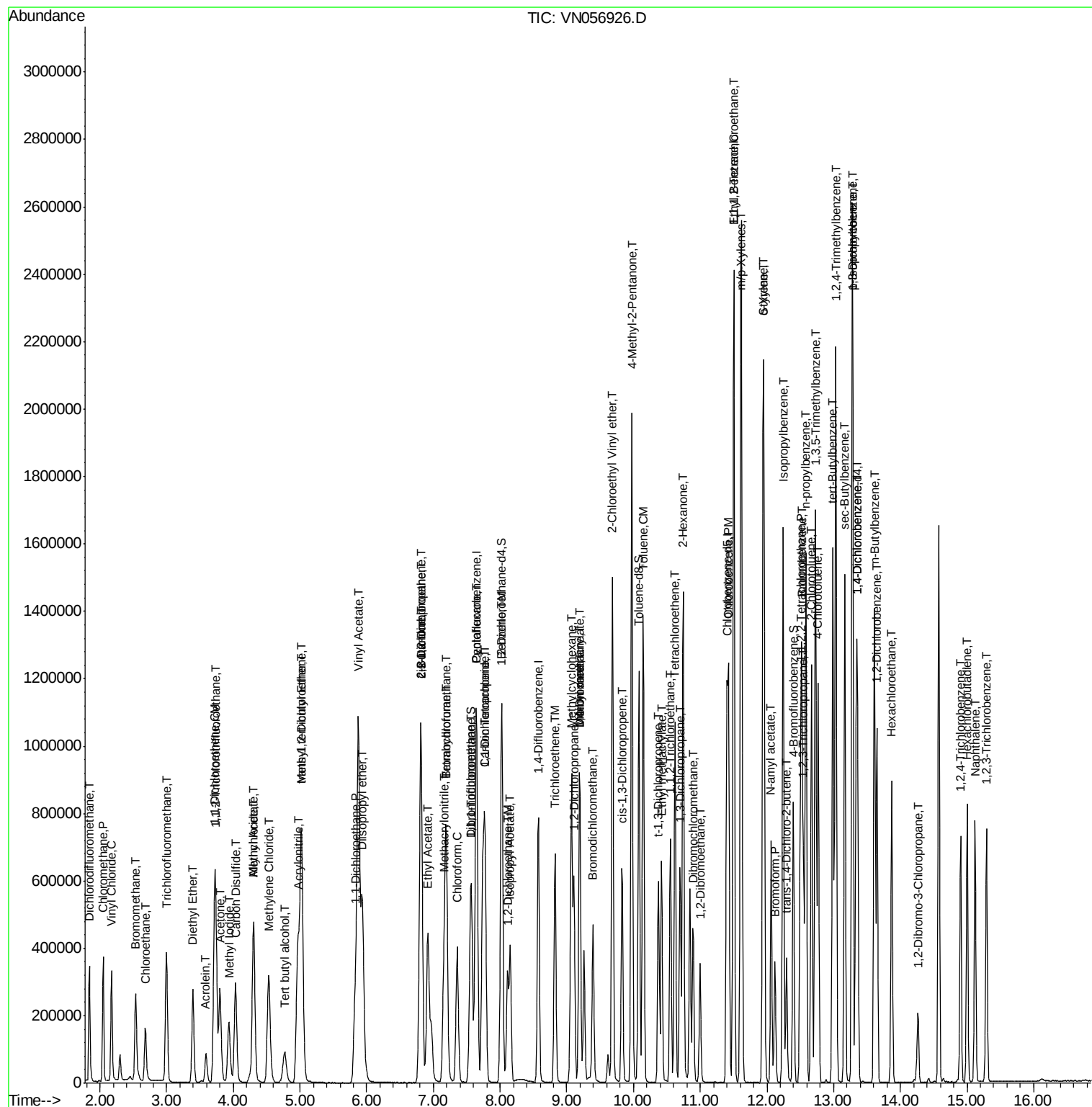
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	257104	49.210	ug/l	100
94) Hexachlorobutadiene	15.00	225	177528	52.280	ug/l	100
95) Naphthalene	15.12	128	665779	49.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	276652	50.743	ug/l	98

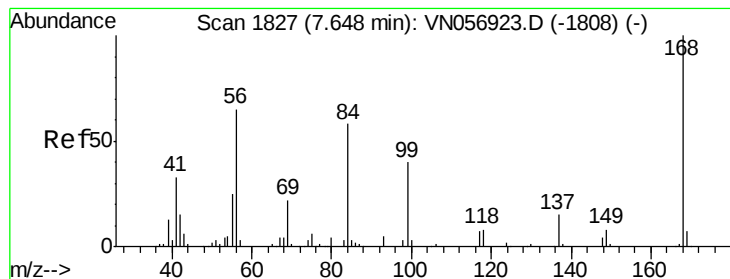
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072619\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

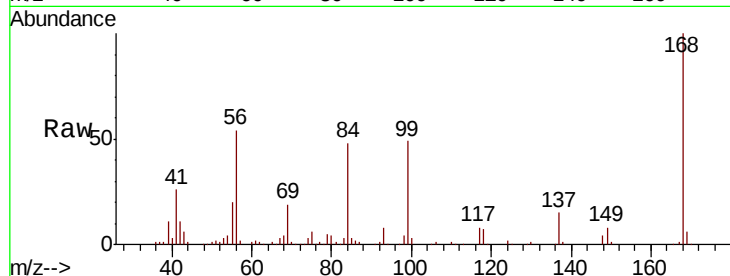
ICVVN072619

Tot Ion:168 Resp: 501605

Ion Ratio Lower Upper

168 100

99 48.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

100000

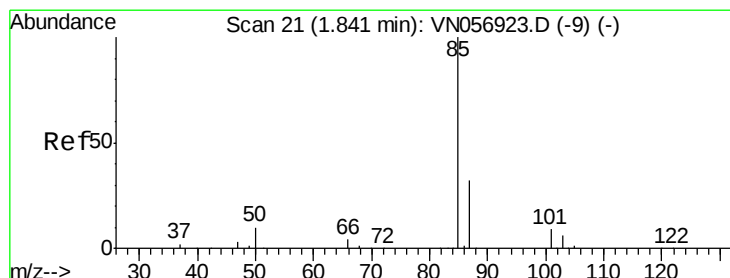
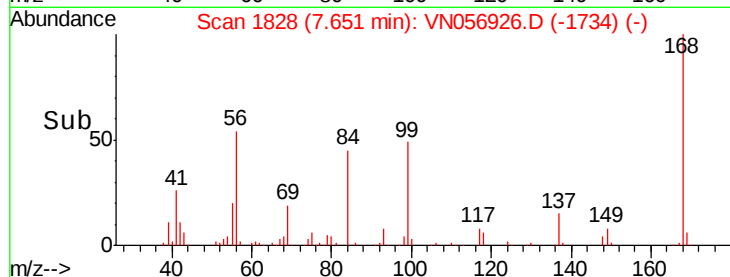
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.418 ug/l

RT: 1.84 min Scan# 21

Delta R.T. 0.00 min

Lab File: VN056926.D

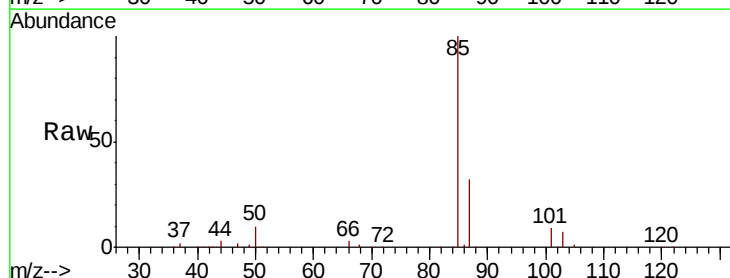
Acq: 25 Jul 2019 16:35

Tgt Ion: 85 Resp: 278973

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

200000

150000

100000

50000

0

1.75

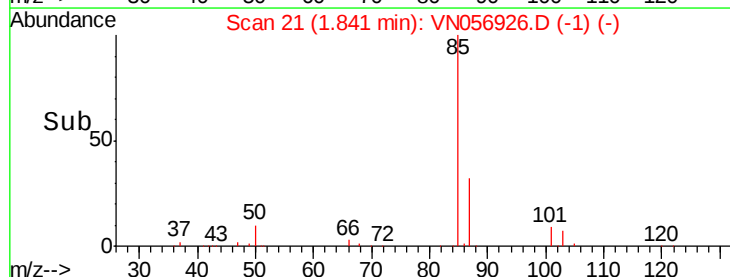
1.80

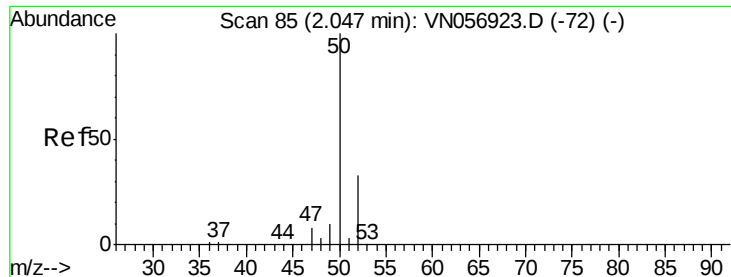
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 47.789 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

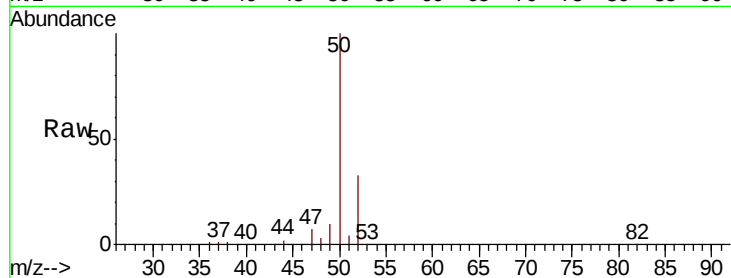
ICVVN072619

Tot Ion: 50 Resp: 308950

Ion Ratio Lower Upper

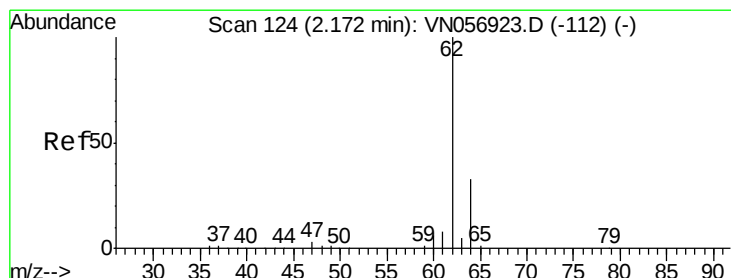
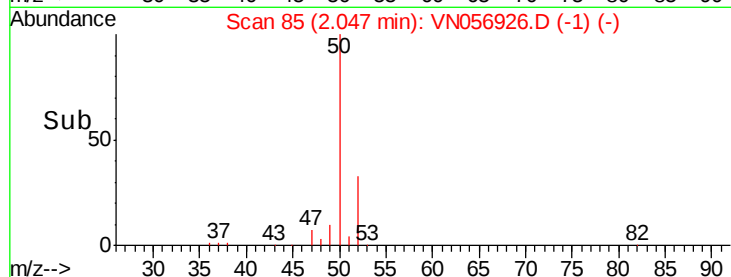
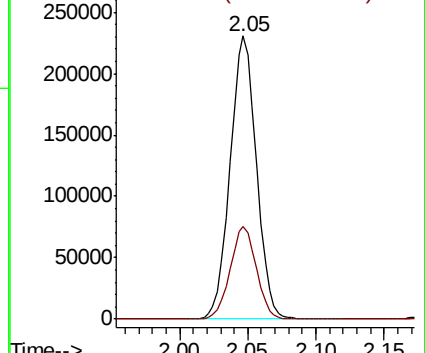
50 100

52 32.8 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.325 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN056926.D

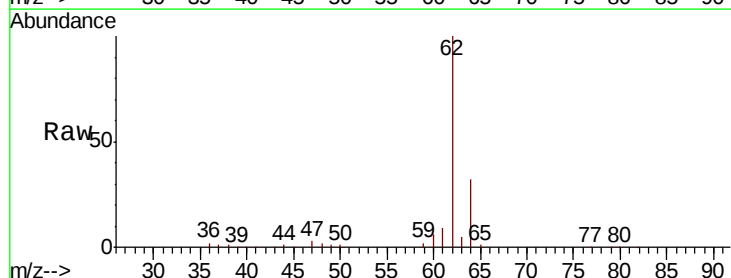
Acq: 25 Jul 2019 16:35

Tgt Ion: 62 Resp: 294176

Ion Ratio Lower Upper

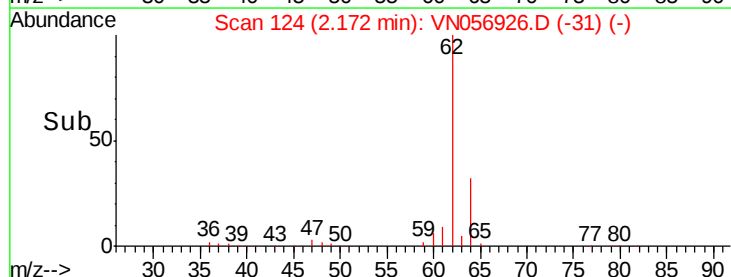
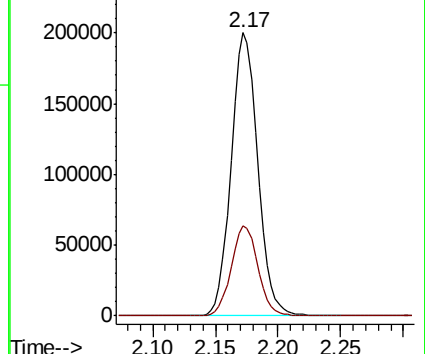
62 100

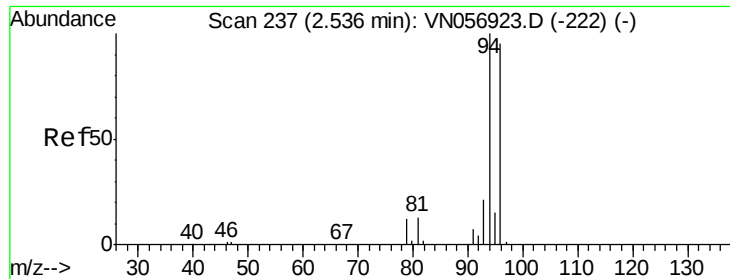
64 31.8 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 52.942 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

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Acq: 25 Jul 2019 16:35

Instrument :

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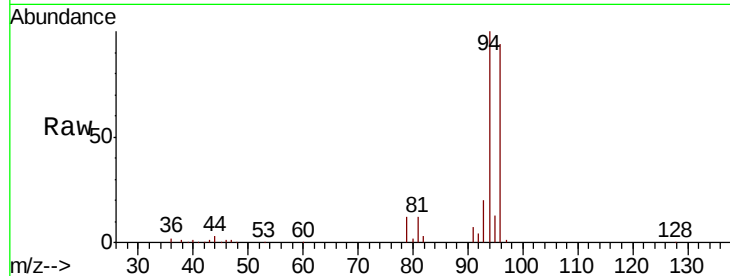
ICVVN072619

Tot Ion: 94 Resp: 194937

Ion Ratio Lower Upper

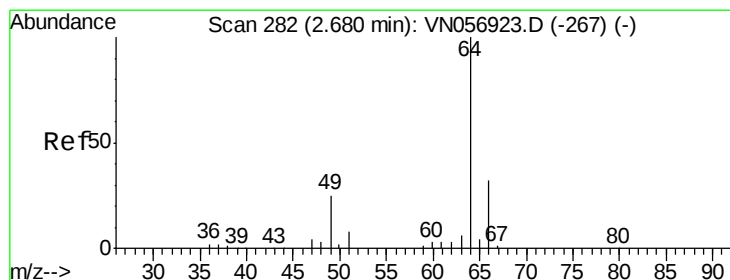
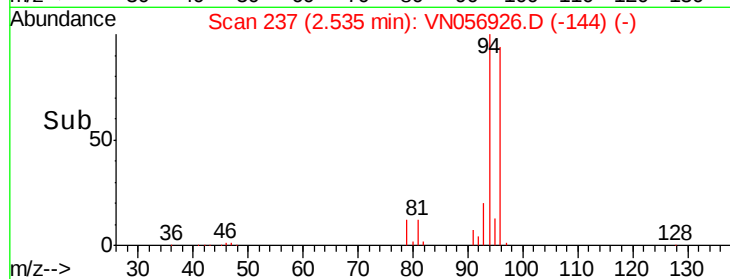
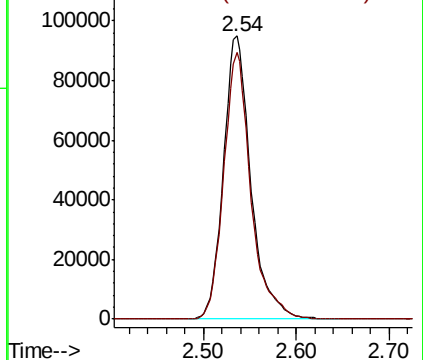
94 100

96 94.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.827 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN056926.D

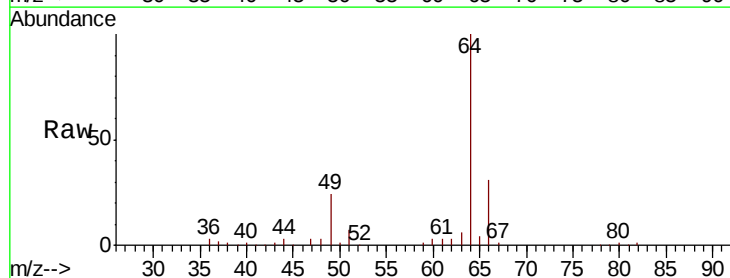
Acq: 25 Jul 2019 16:35

Tgt Ion: 64 Resp: 161610

Ion Ratio Lower Upper

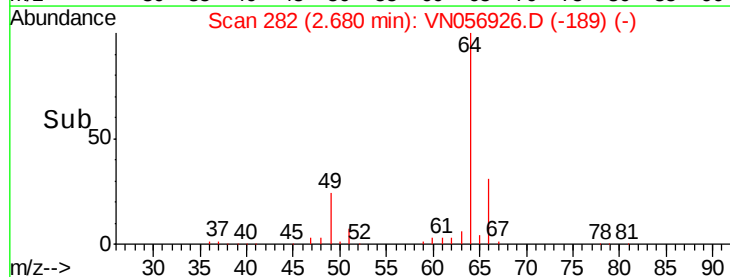
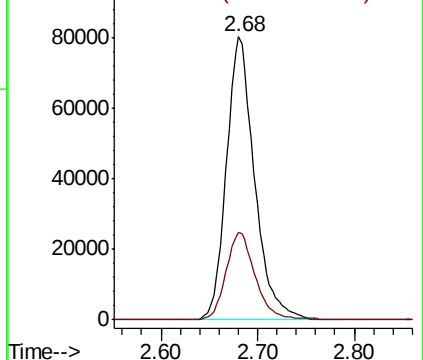
64 100

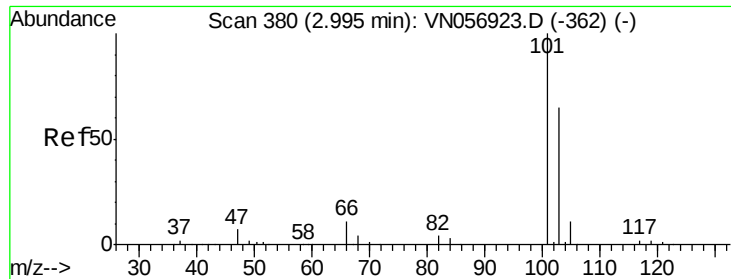
66 31.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



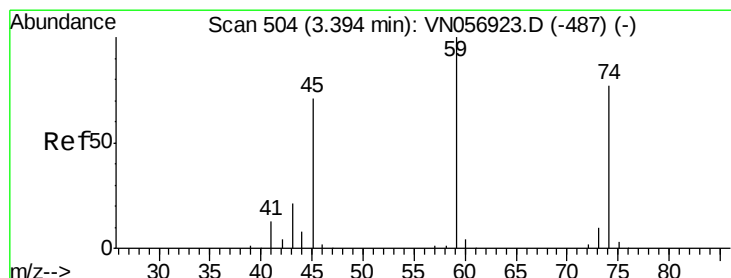
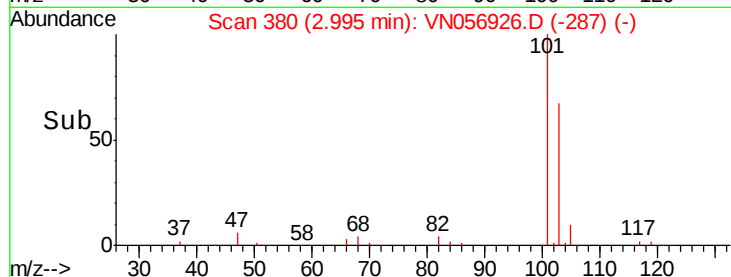
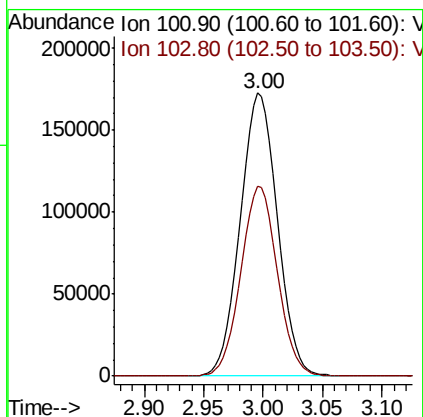
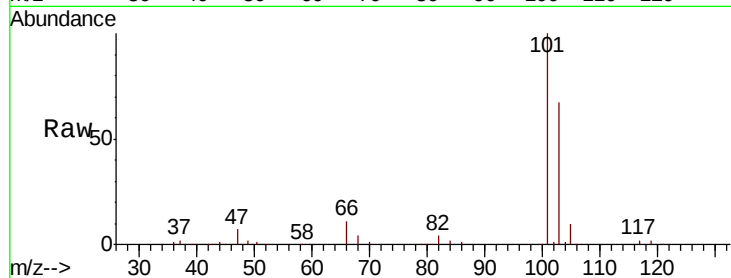


#7

Trichlorofluoromethane
 Concen: 47.153 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN056926.D
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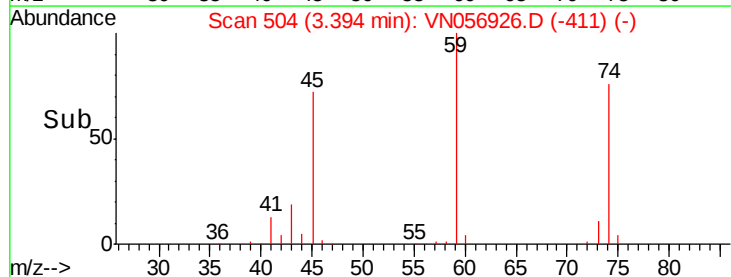
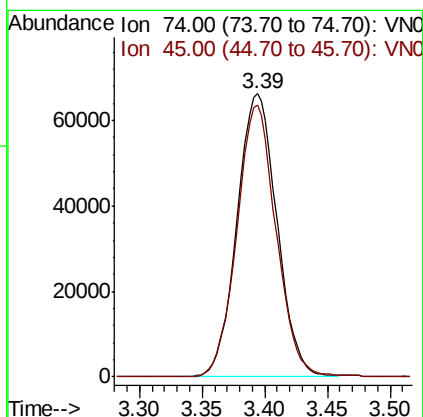
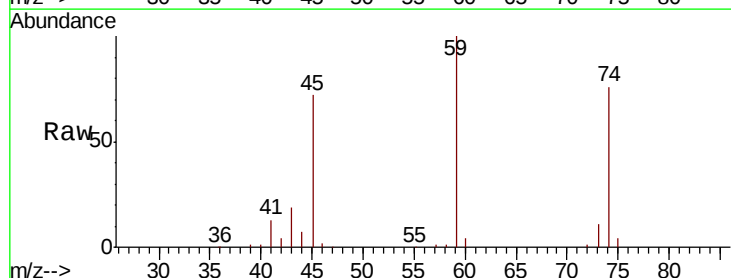
Tot Ion:101 Resp: 374110
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.0 78.0

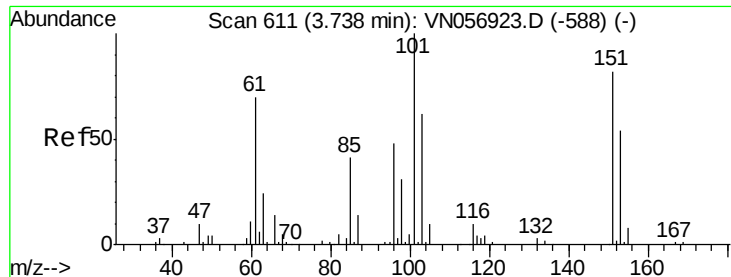


#8

Diethyl Ether
 Concen: 49.345 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion: 74 Resp: 146615
 Ion Ratio Lower Upper
 74 100
 45 94.7 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.134 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

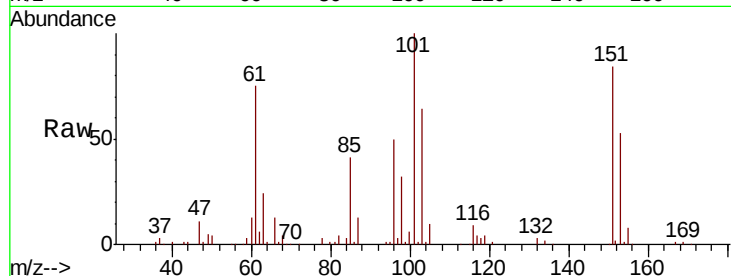
Tot Ion:101 Resp: 229782

Ion Ratio Lower Upper

101 100

85 40.8 32.7 49.1

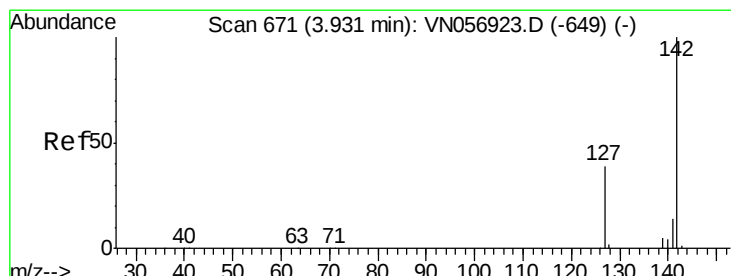
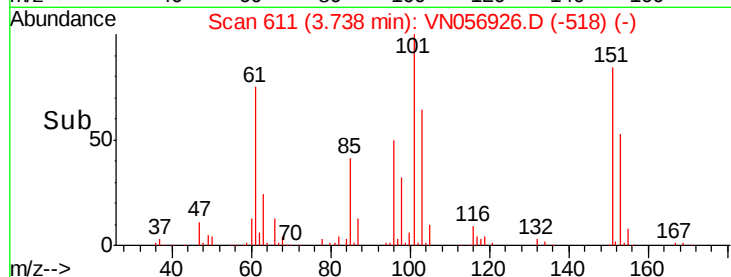
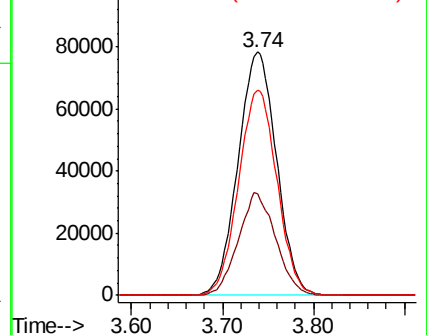
151 84.2 67.4 101.0



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: 44.289 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

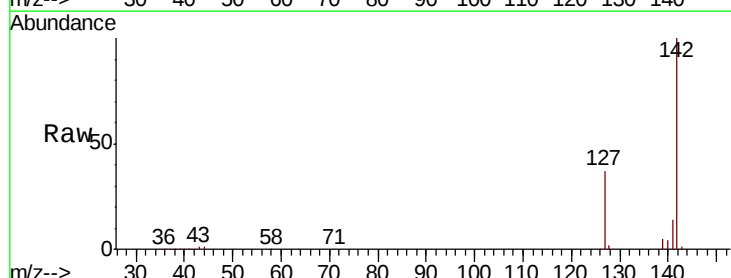
Tgt Ion:142 Resp: 317251

Ion Ratio Lower Upper

142 100

127 37.5 30.5 45.7

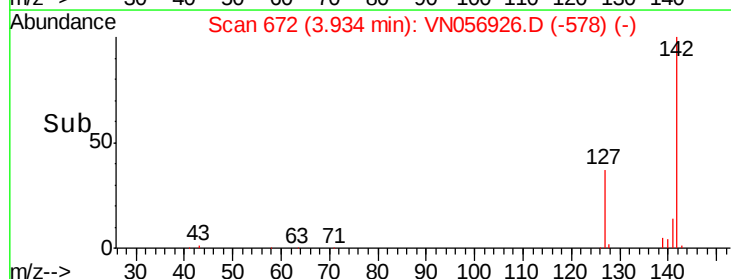
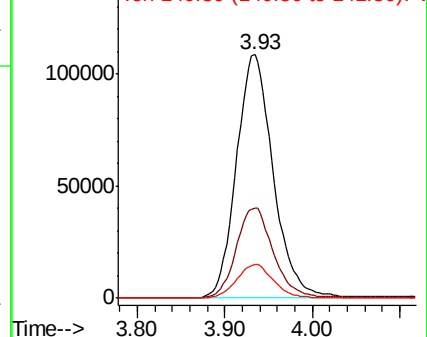
141 13.9 11.1 16.7

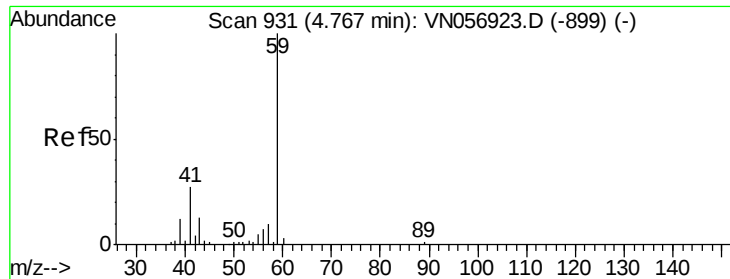


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



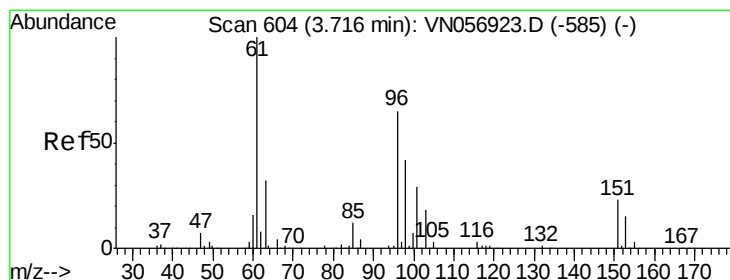
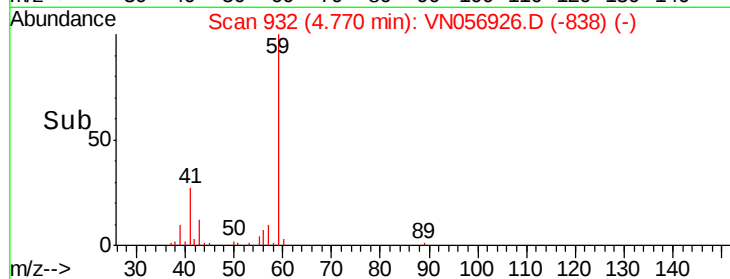
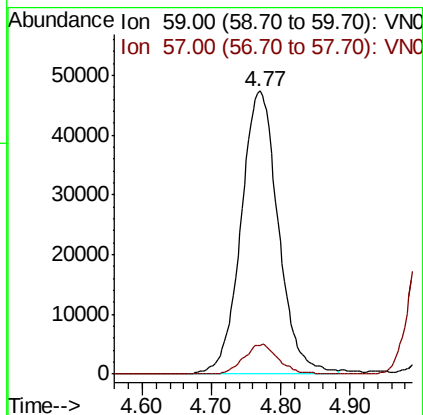
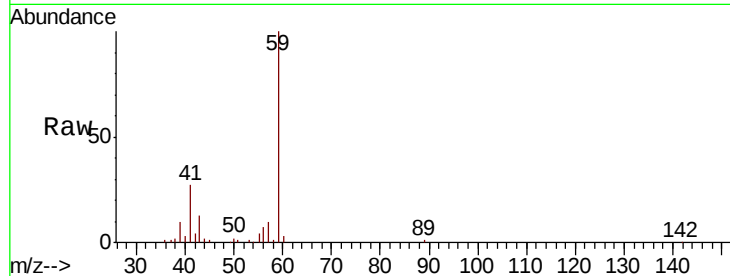


#11

Tert butyl alcohol
 Concen: 236.761 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072619

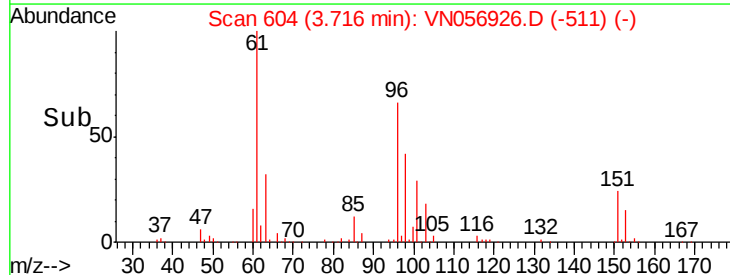
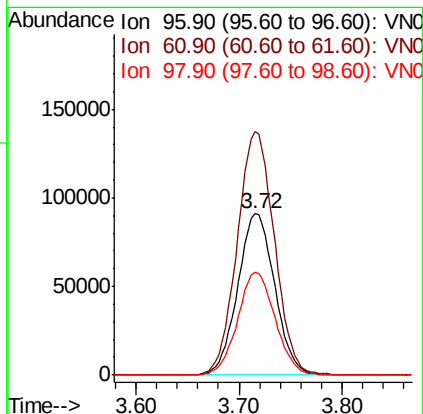
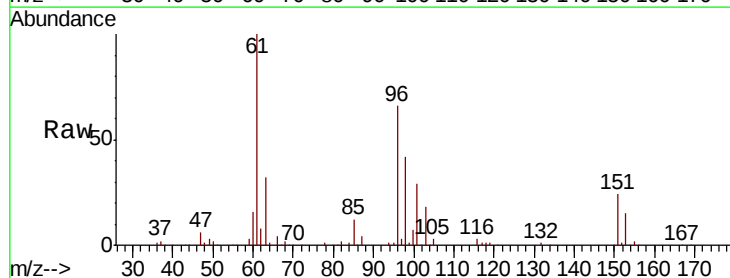
Tot Ion: 59 Resp: 177282
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

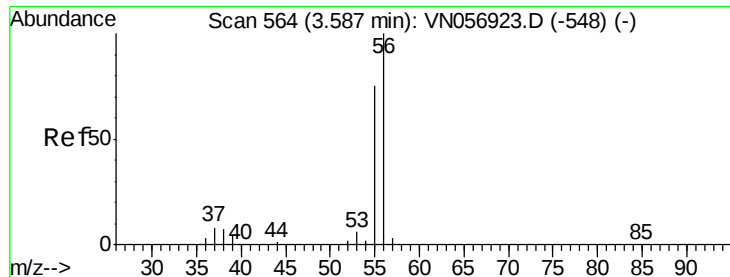


#12

1,1-Dichloroethene
 Concen: 48.364 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion: 96 Resp: 227658
 Ion Ratio Lower Upper
 96 100
 61 150.9 122.4 183.6
 98 63.4 51.3 76.9





#13

Acrolein

Concen: 241.807 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

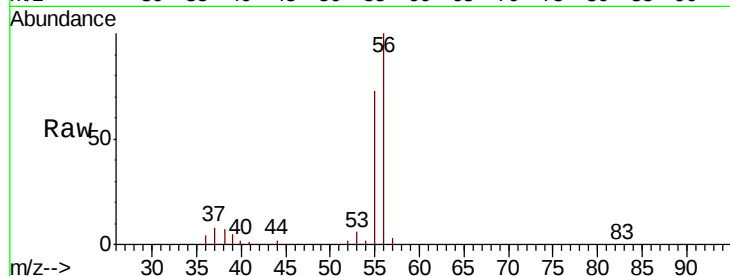
ICVVN072619

Tot Ion: 56 Resp: 101467

Ion Ratio Lower Upper

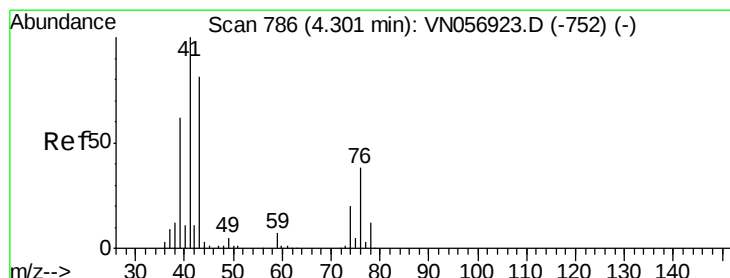
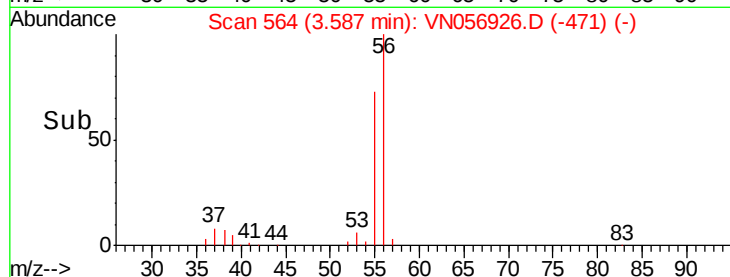
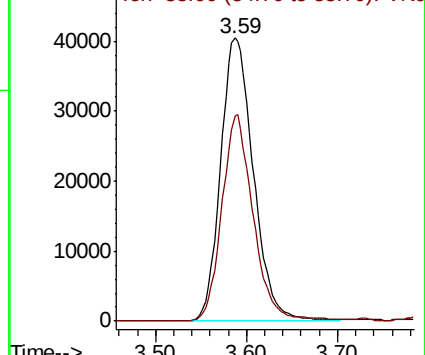
56 100

55 69.2 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.892 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

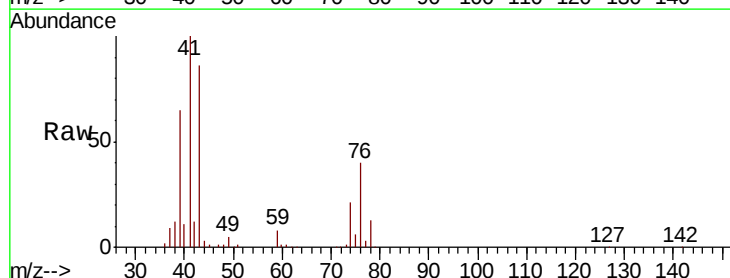
Tgt Ion: 41 Resp: 373420

Ion Ratio Lower Upper

41 100

39 58.4 47.5 71.3

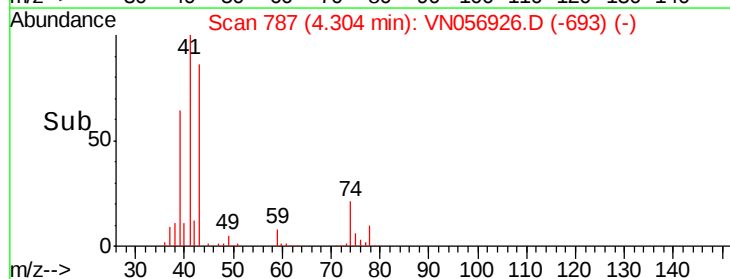
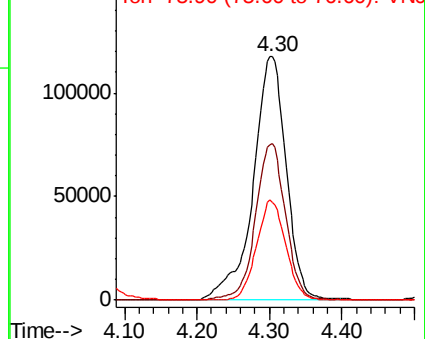
76 36.3 28.0 42.0

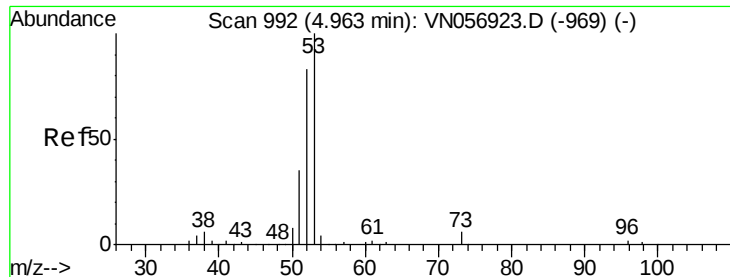


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 252.644 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

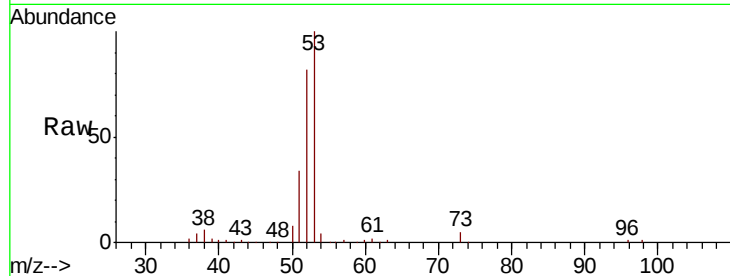
Tot Ion: 53 Resp: 544400

Ion Ratio Lower Upper

53 100

52 80.6 65.5 98.3

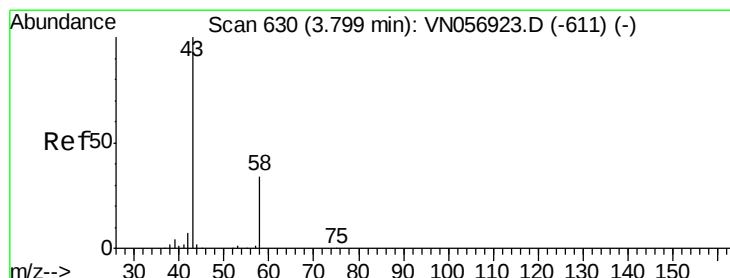
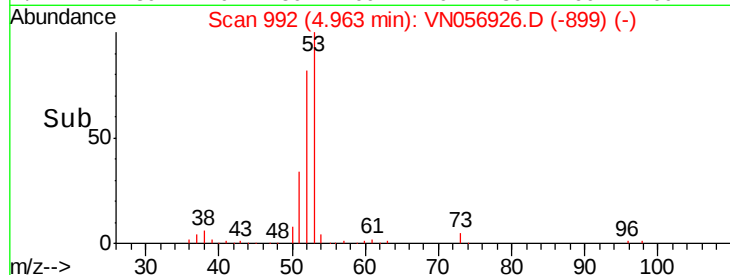
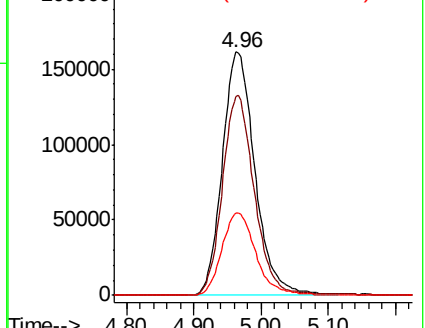
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 255.677 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN056926.D

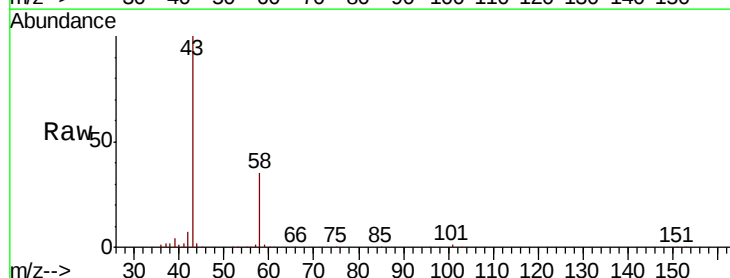
Acq: 25 Jul 2019 16:35

Tgt Ion: 43 Resp: 453189

Ion Ratio Lower Upper

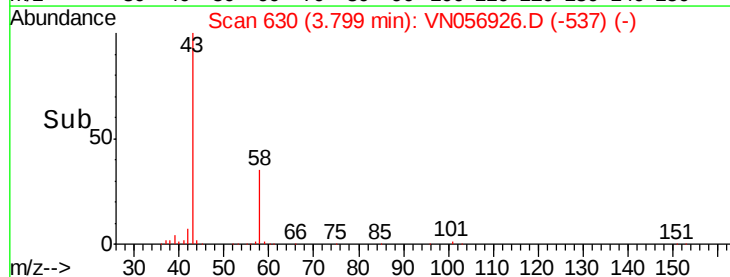
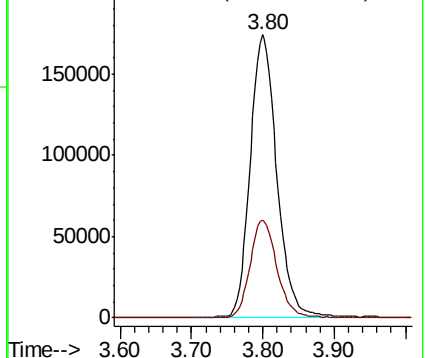
43 100

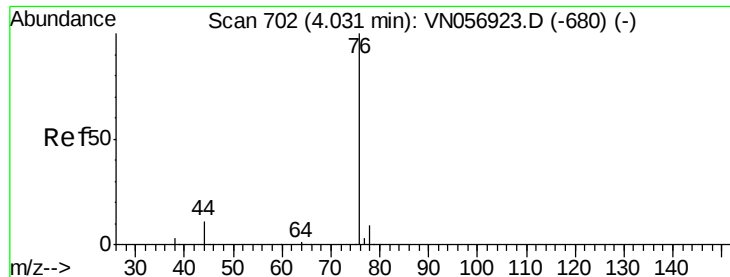
58 34.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

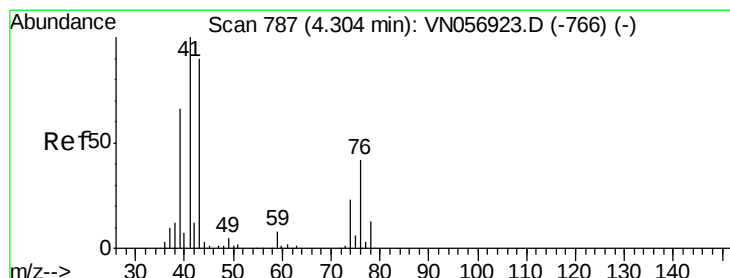
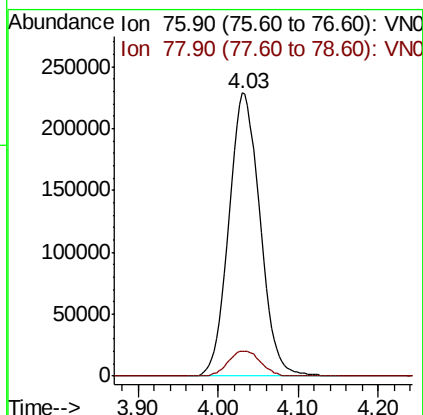
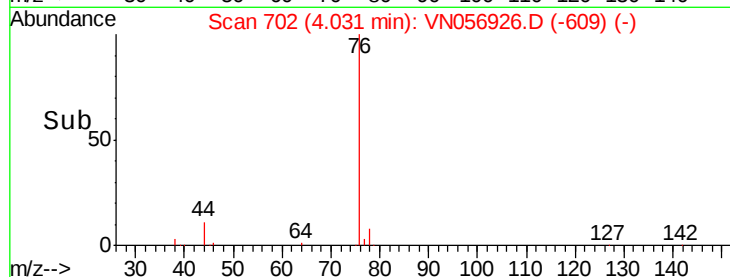
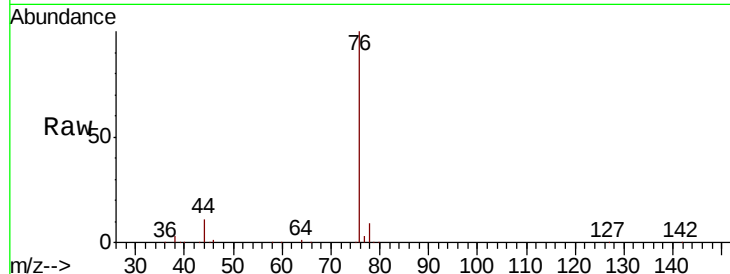




#17
Carbon Disulfide
Concen: 47.865 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

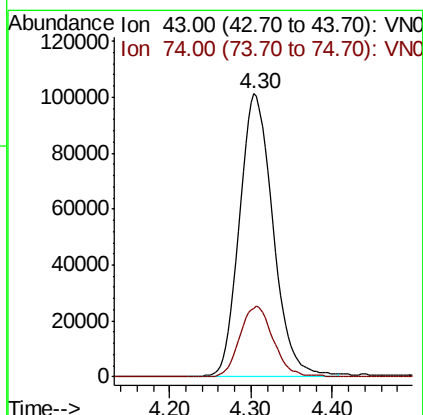
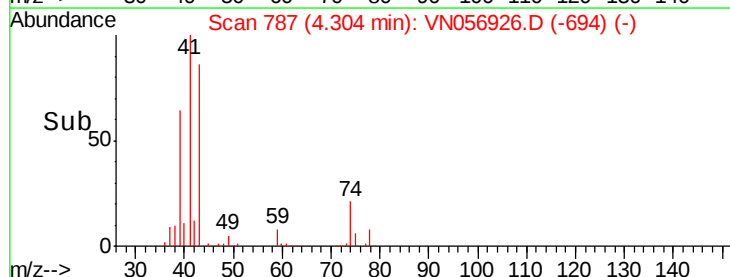
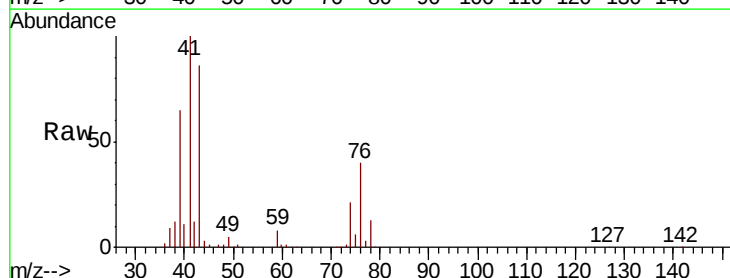
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

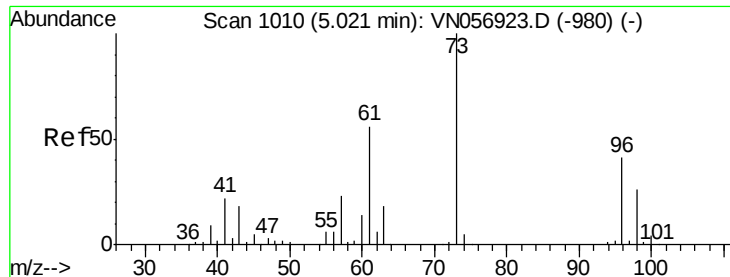
Tot Ion: 76 Resp: 606852
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 46.256 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 43 Resp: 287042
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0

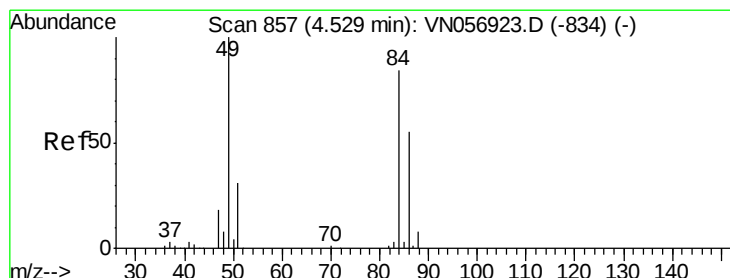
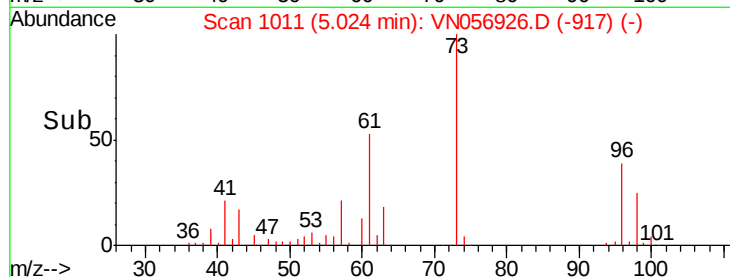
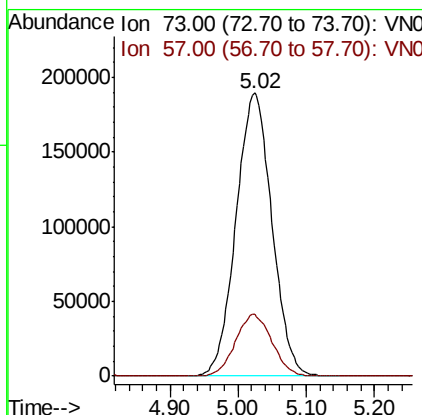
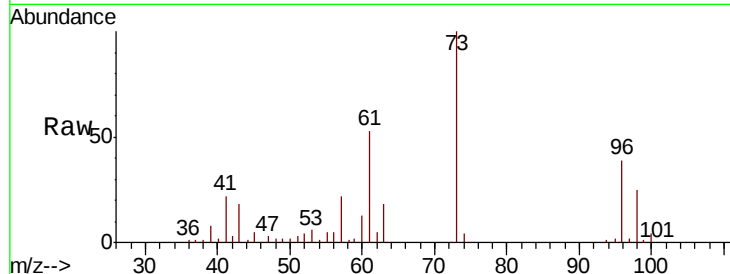




#19
Methvl tert-butvl Ether
Concen: 49.957 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

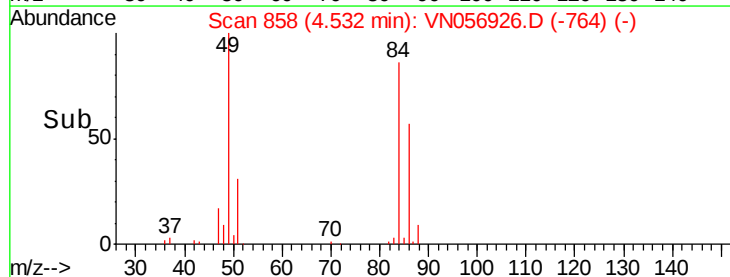
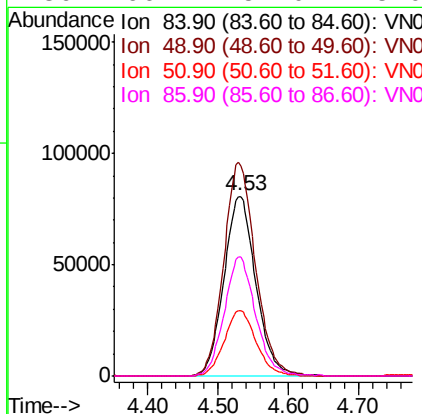
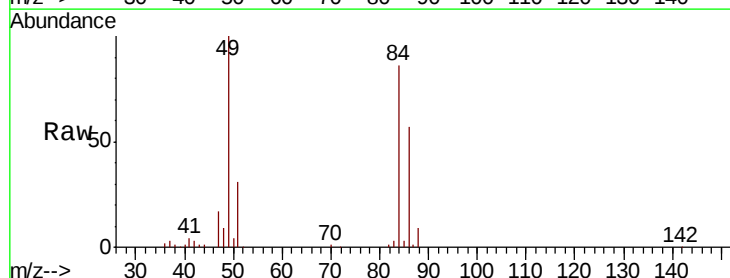
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

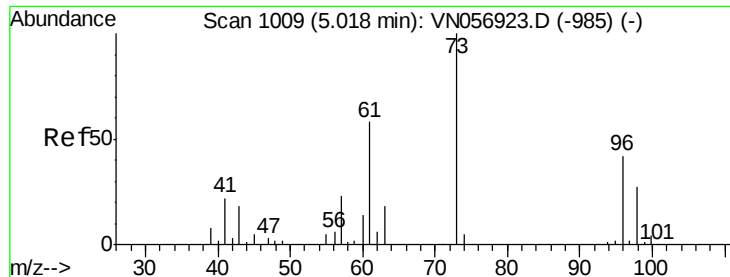
Tot Ion: 73 Resp: 691479
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 45.422 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 84 Resp: 254957
Ion Ratio Lower Upper
84 100
49 116.7 95.0 142.6
51 36.5 29.8 44.8
86 66.2 52.0 78.0

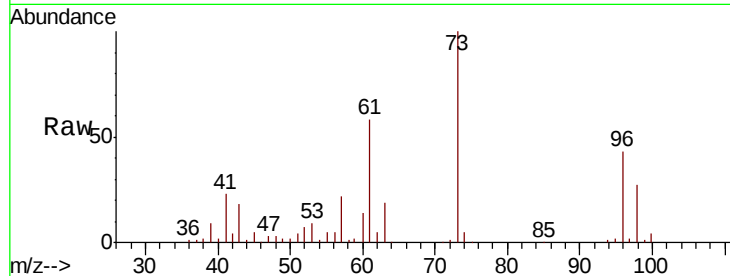




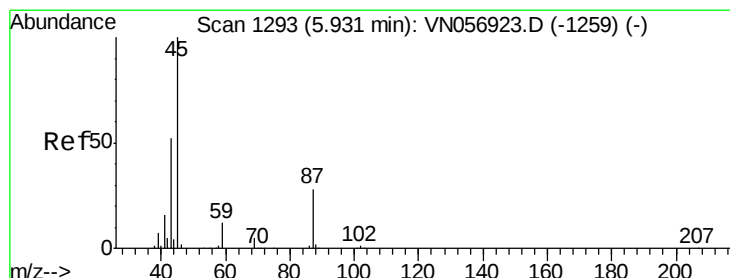
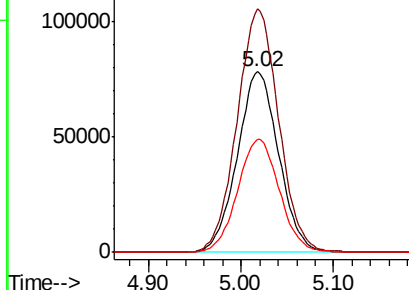
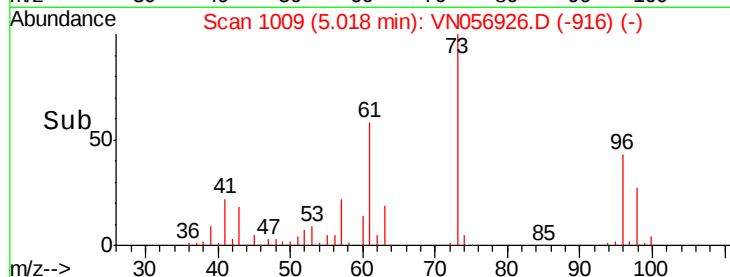
#21
trans-1,2-Dichloroethene
Concen: 48.088 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

Tot Ion: 96 Resp: 242227
Ion Ratio Lower Upper
96 100
61 135.0 109.9 164.9
98 62.8 51.0 76.4

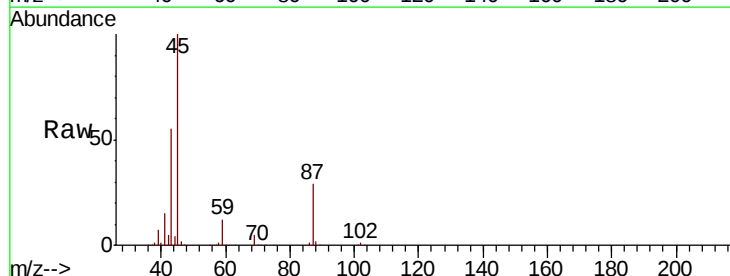


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

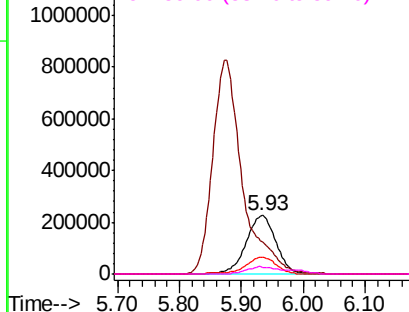
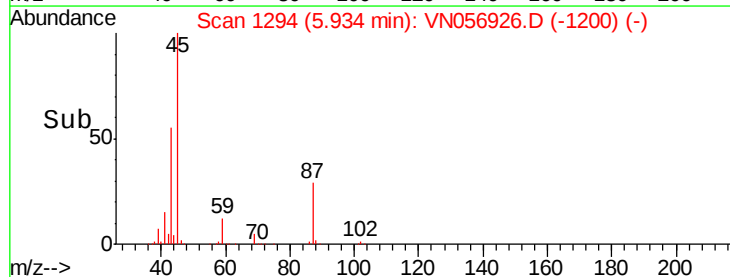


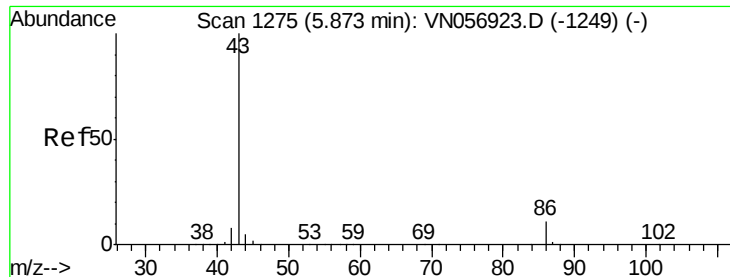
#22
Diisopropyl ether
Concen: 48.914 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 45 Resp: 760819
Ion Ratio Lower Upper
45 100
43 54.2 44.7 67.1
87 28.7 23.1 34.7
59 11.8 9.7 14.5



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: 257.647 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

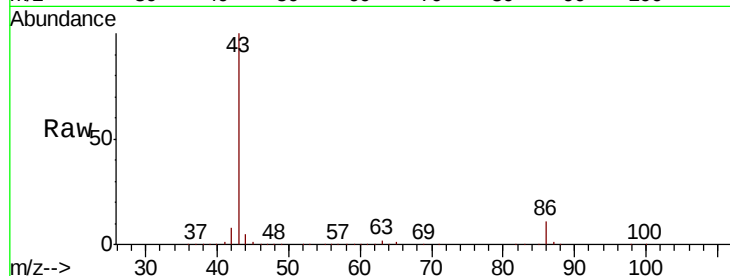
ICVVN072619

Tot Ion: 43 Resp: 2760541

Ion Ratio Lower Upper

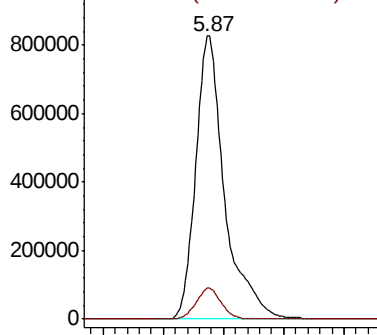
43 100

86 10.8 8.6 13.0

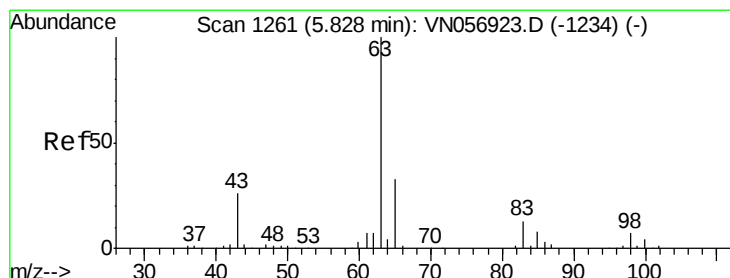
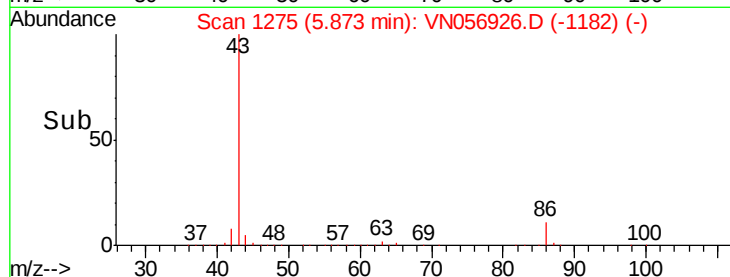


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 47.861 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

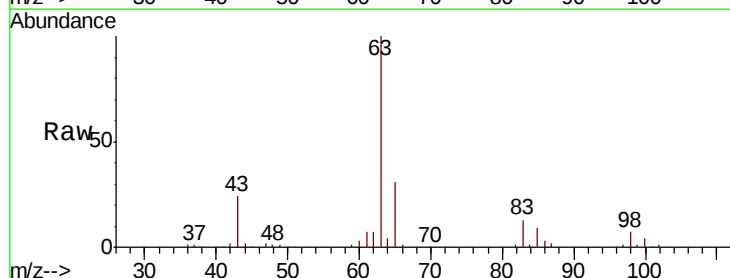
Tgt Ion: 63 Resp: 437369

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

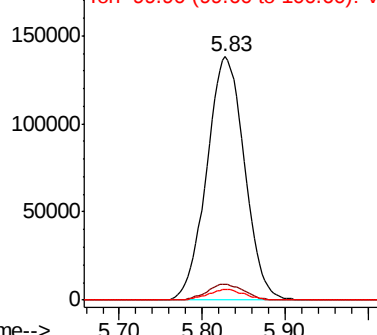
100 4.4 2.1 6.3



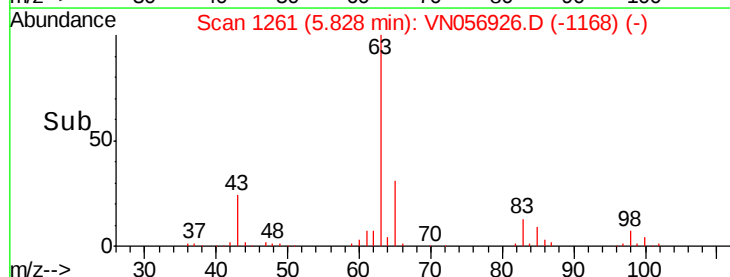
Abundance Ion 62.90 (62.60 to 63.60): VN0

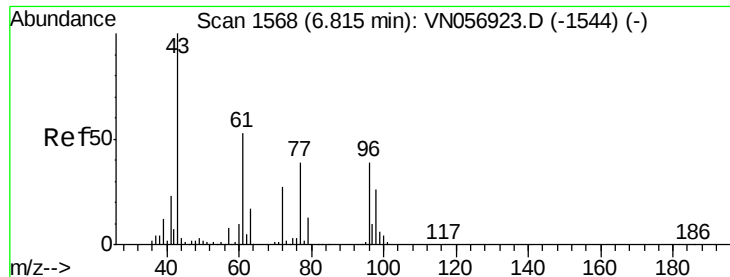
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 249.341 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

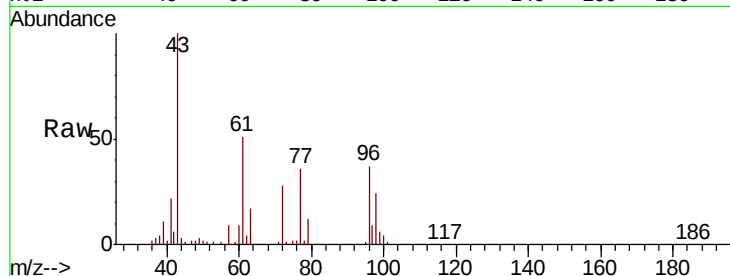
ICVVN072619

Tot Ion: 43 Resp: 680299

Ion Ratio Lower Upper

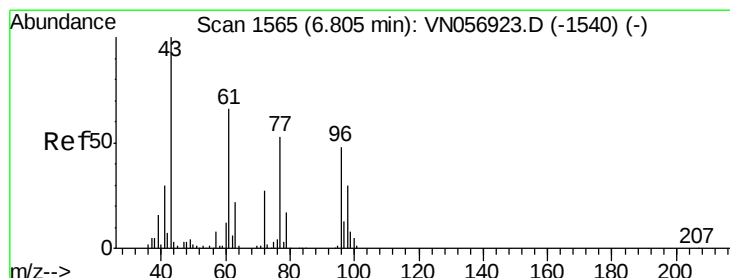
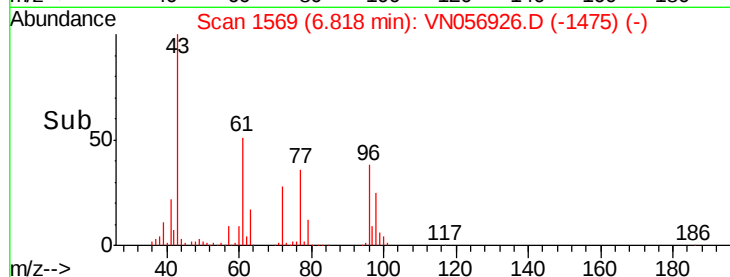
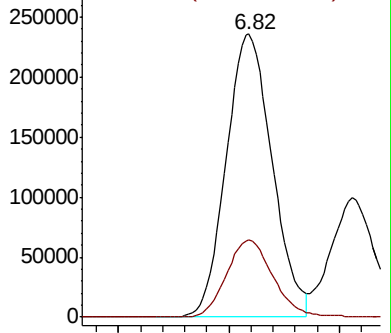
43 100

72 27.5 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: 49.609 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN056926.D

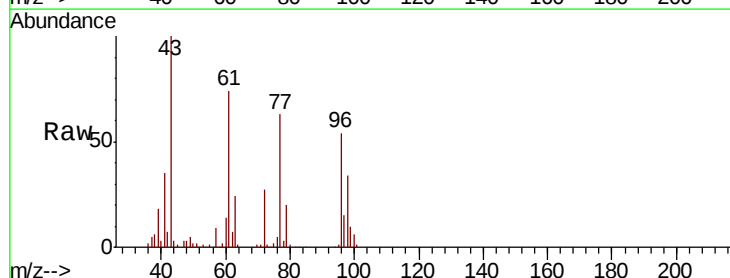
Acq: 25 Jul 2019 16:35

Tgt Ion: 77 Resp: 332702

Ion Ratio Lower Upper

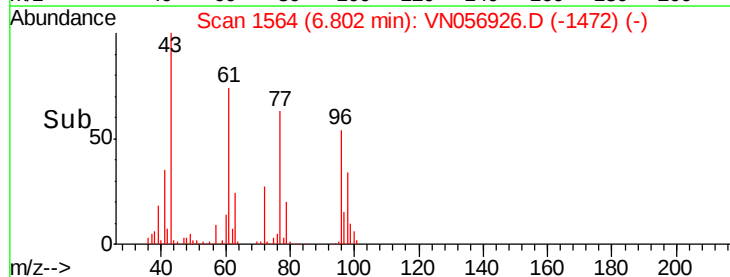
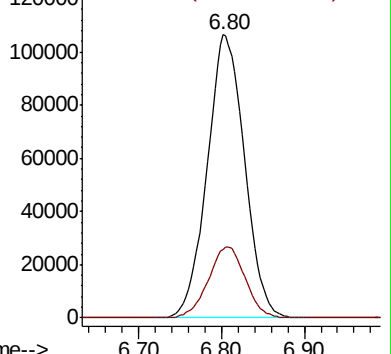
77 100

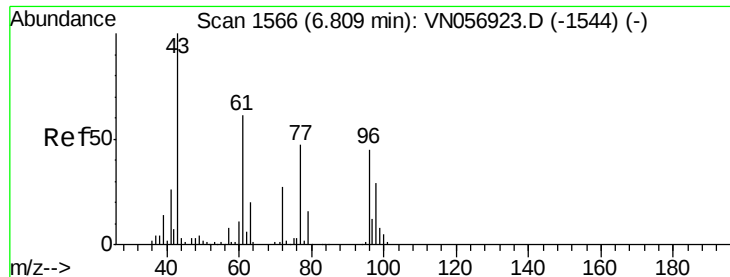
97 24.8 12.3 36.8



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: 49.297 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

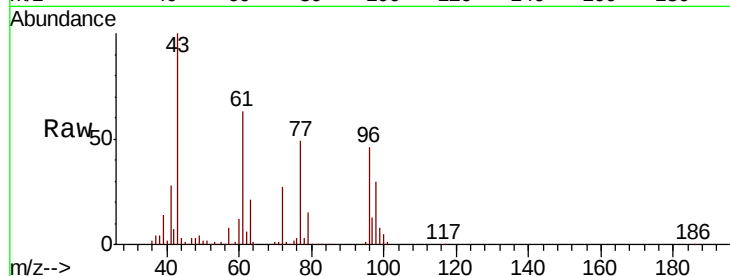
Tot Ion: 96 Resp: 283365

Ion Ratio Lower Upper

96 100

61 137.6 0.0 278.8

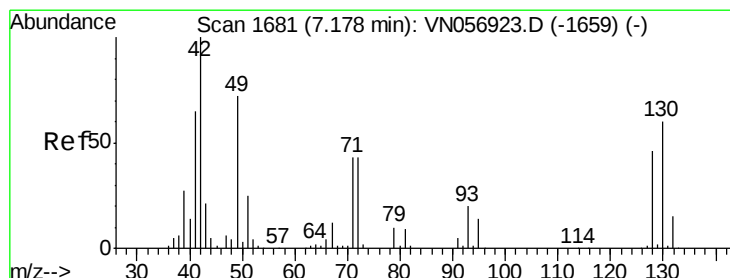
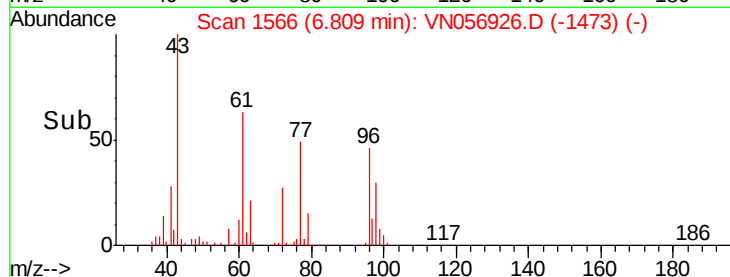
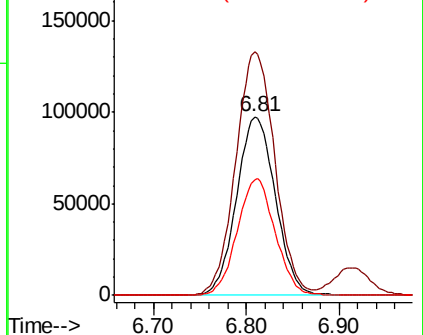
98 63.7 0.0 130.0



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: 49.363 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

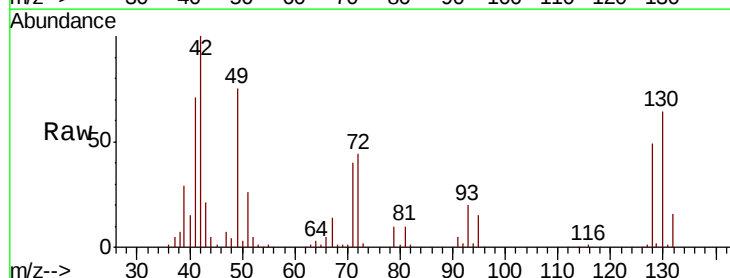
Tgt Ion: 49 Resp: 208176

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

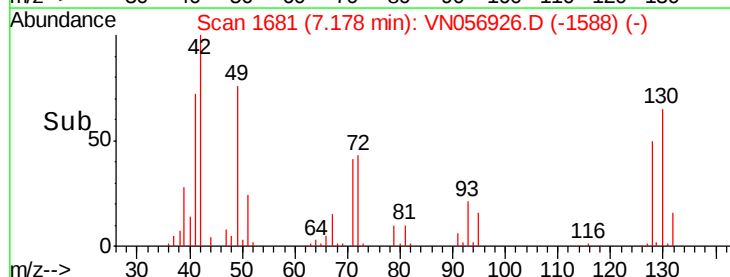
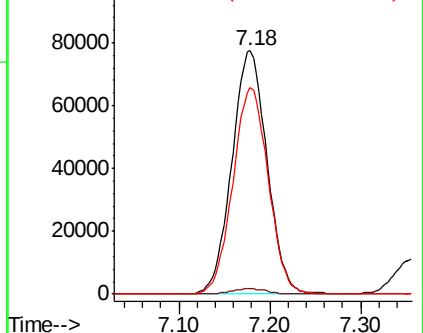
130 85.2 67.3 100.9

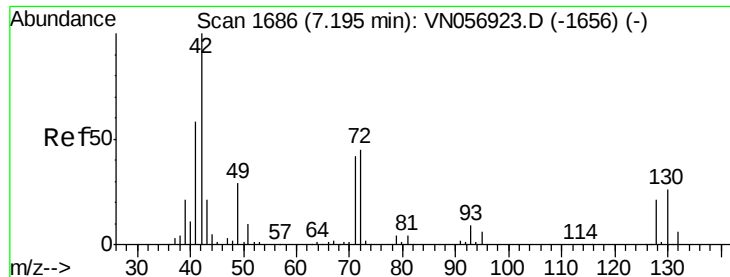


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

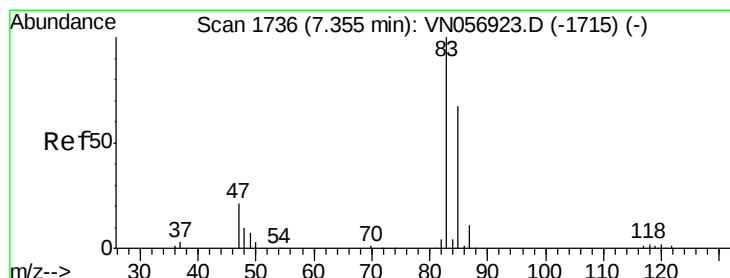
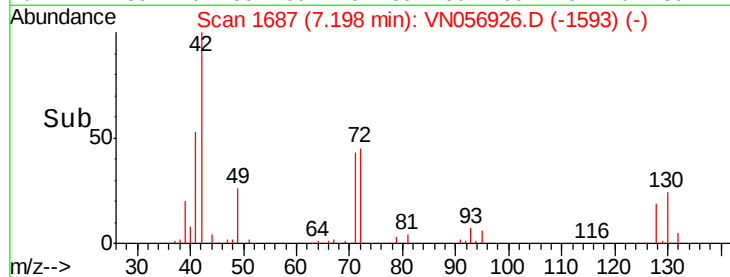
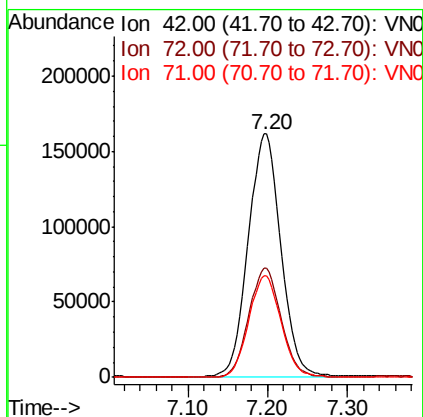
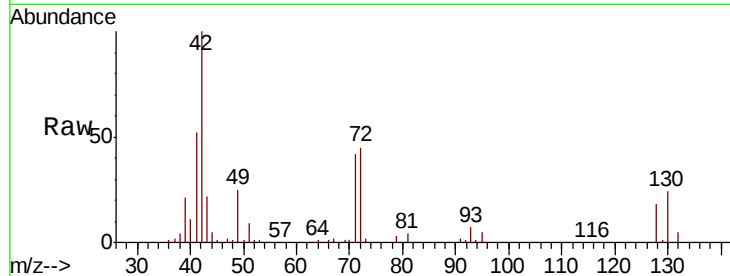




#29
Tetrahydrofuran
Concen: 252.510 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

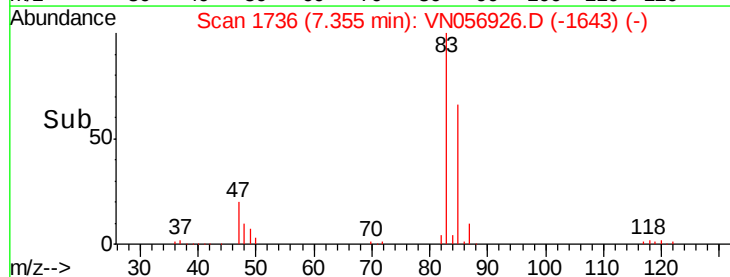
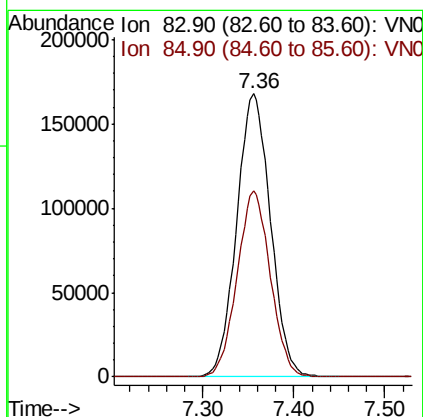
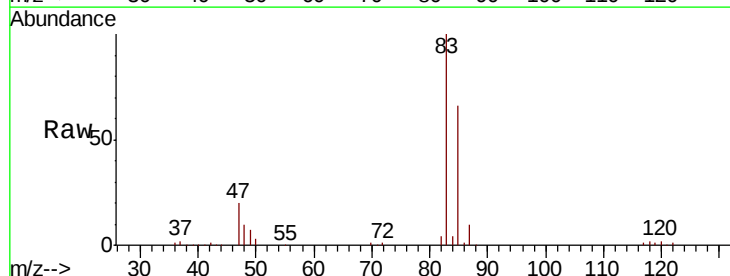
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

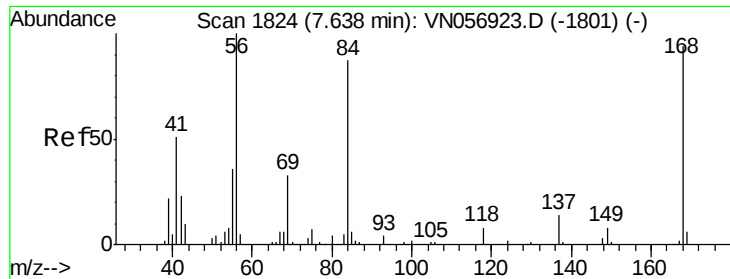
Tot Ion: 42 Resp: 451439
Ion Ratio Lower Upper
42 100
72 44.3 35.5 53.3
71 41.1 33.0 49.6



#30
Chloroform
Concen: 46.103 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 83 Resp: 433886
Ion Ratio Lower Upper
83 100
85 65.8 53.5 80.3

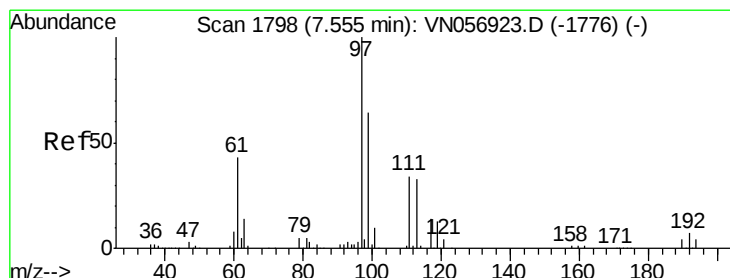
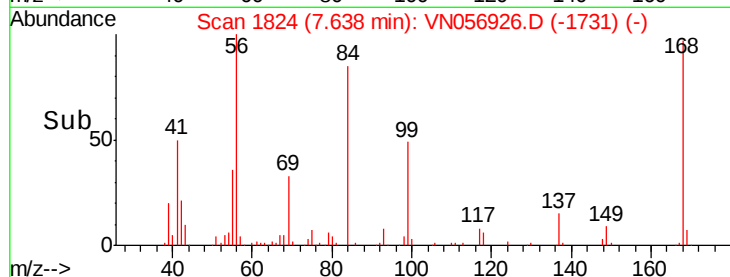
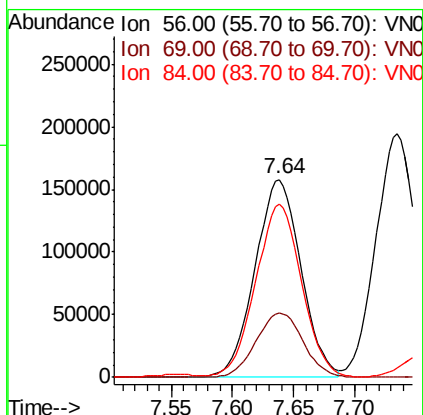
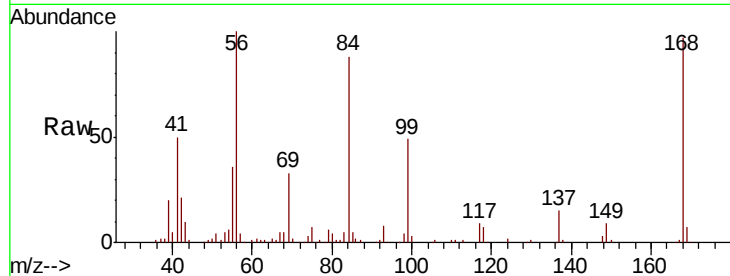




#31
Cyclohexane
Concen: 46.452 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

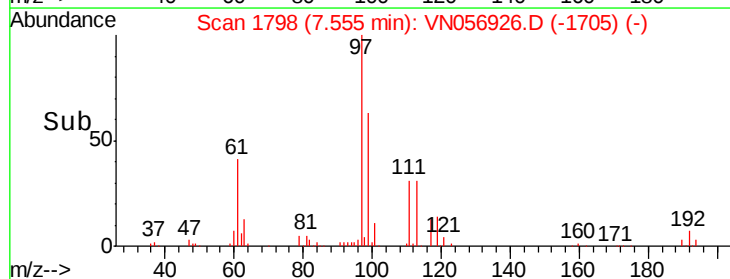
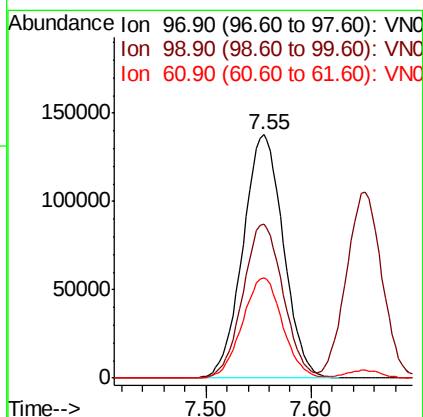
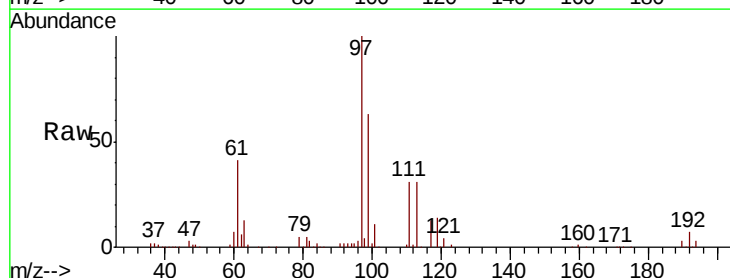
Instrument :
MSVOA_N
ClientSampled :
ICVVN072619

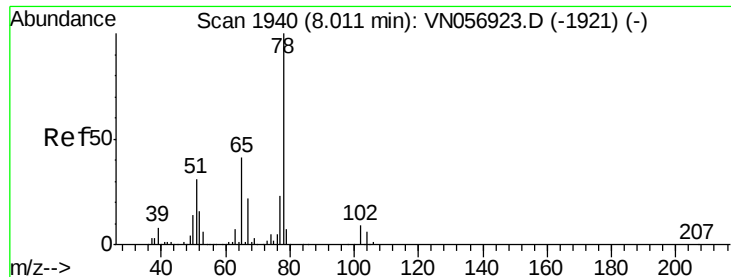
Tot Ion: 56 Resp: 413087
Ion Ratio Lower Upper
56 100
69 32.6 26.3 39.5
84 86.2 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 48.770 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 97 Resp: 367582
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 40.9 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 47.733 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

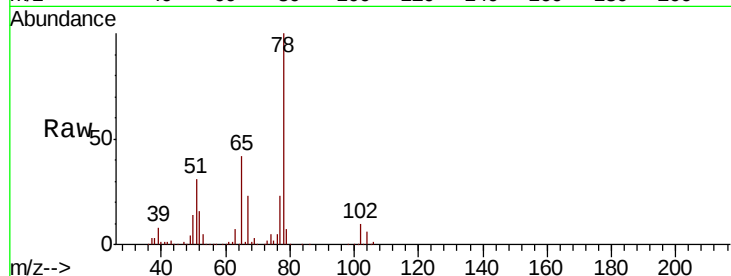
ICV072619

Tot Ion: 65 Resp: 247759

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN056926.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN056926.D (-1847) (-)

8.01

120000

100000

80000

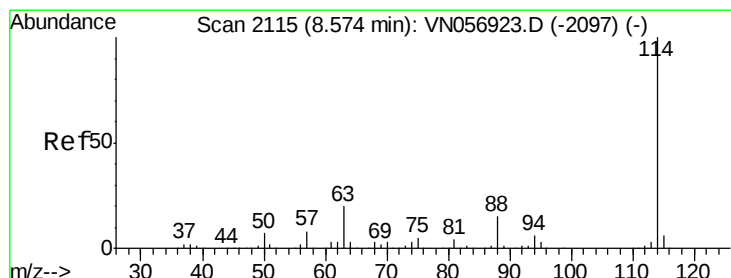
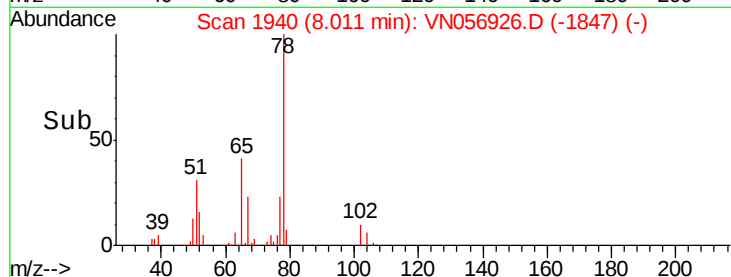
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

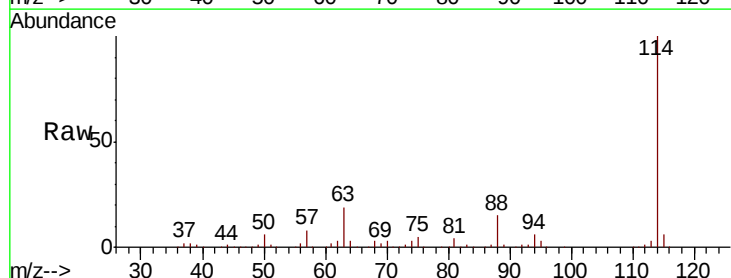
Tgt Ion: 114 Resp: 755716

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN056926.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN056926.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN056926.D (-2022) (-)

8.57

500000

400000

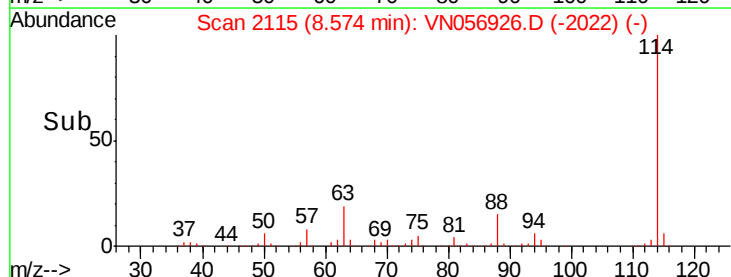
300000

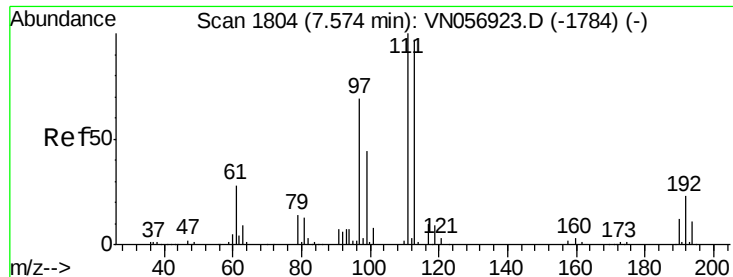
200000

100000

0

Time--> 8.50 8.60 8.70

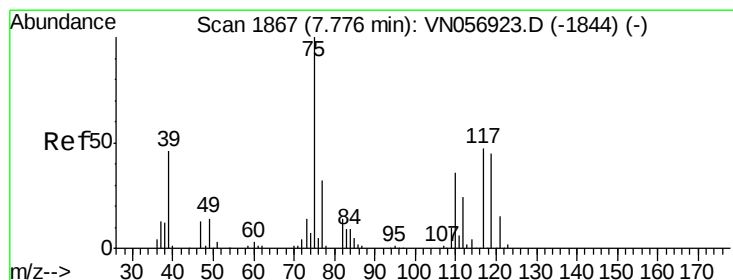
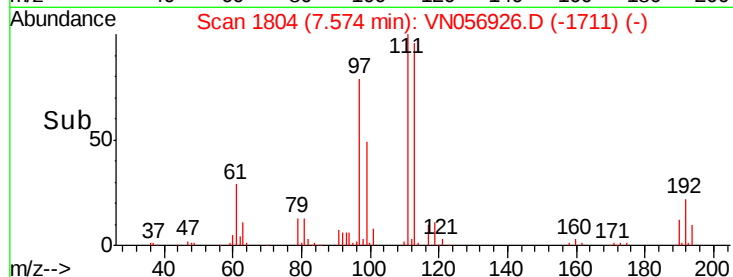
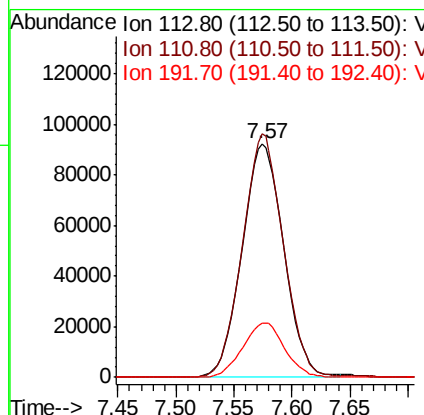
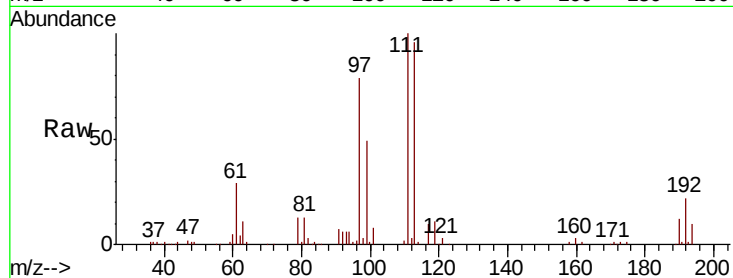




#35
 Dibromofluoromethane
 Concen: 47.812 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

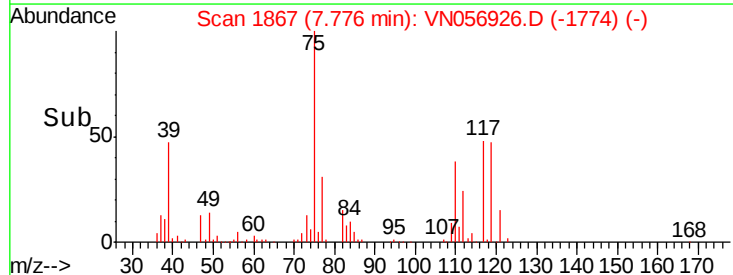
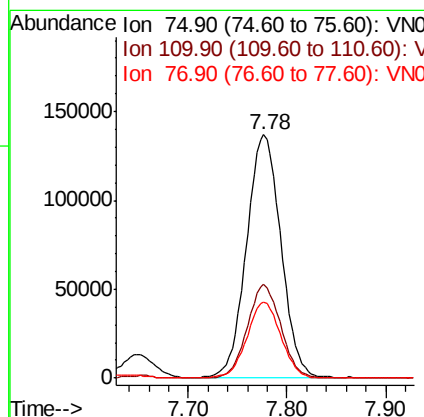
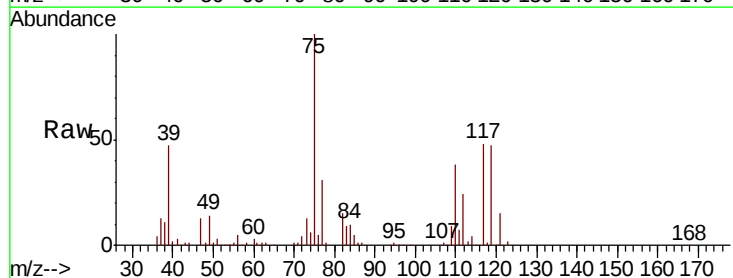
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

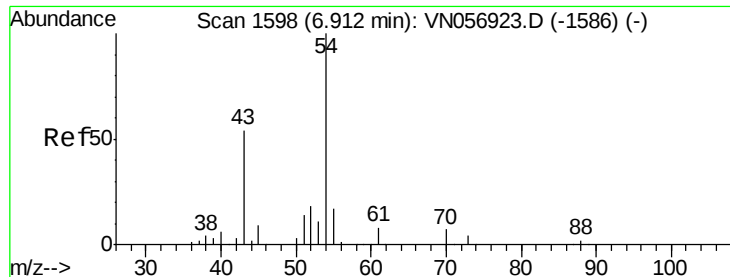
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	23.4	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 47.725 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.9	56.9
77	31.0	25.4	38.0

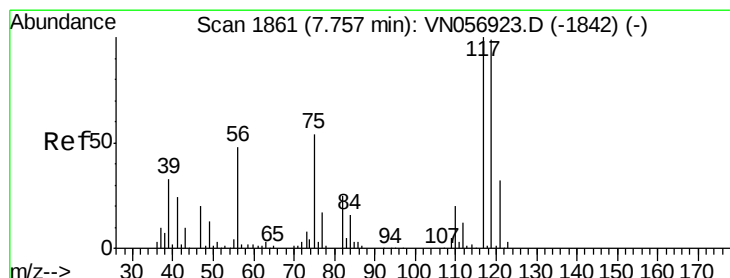
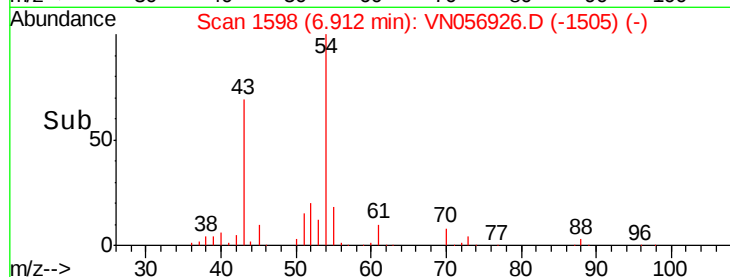
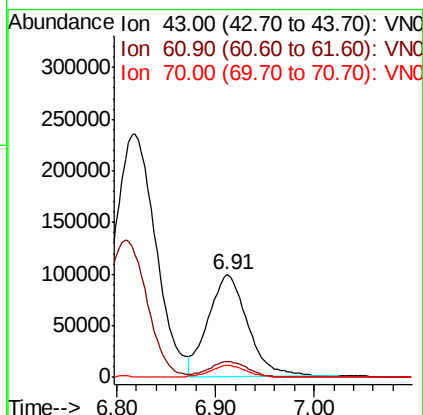
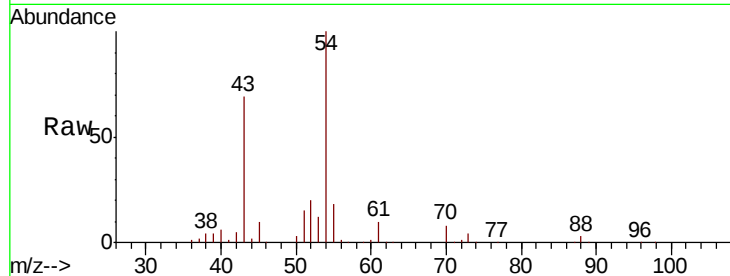




#37
Ethyl Acetate
Concen: 49.397 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

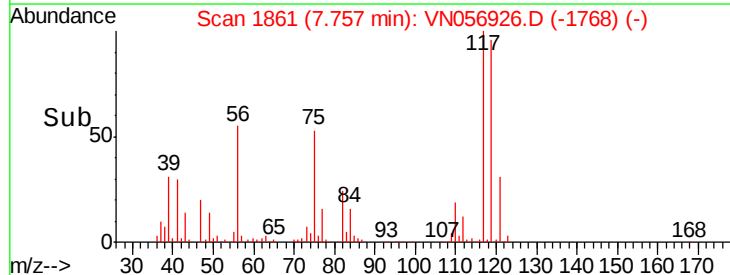
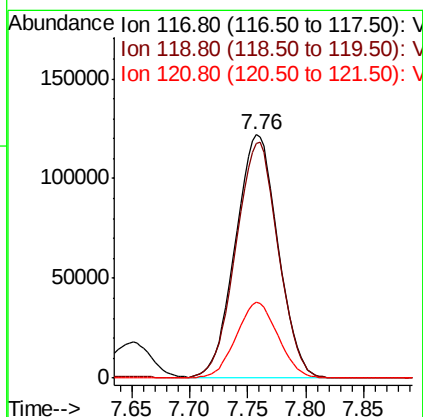
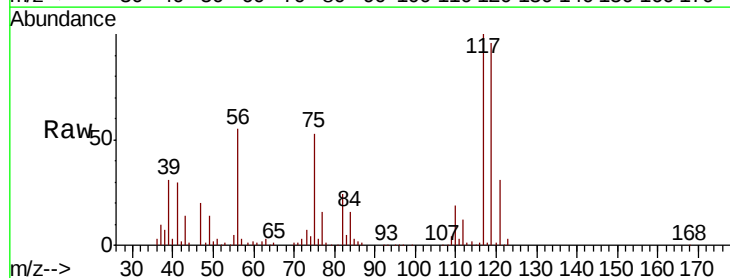
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

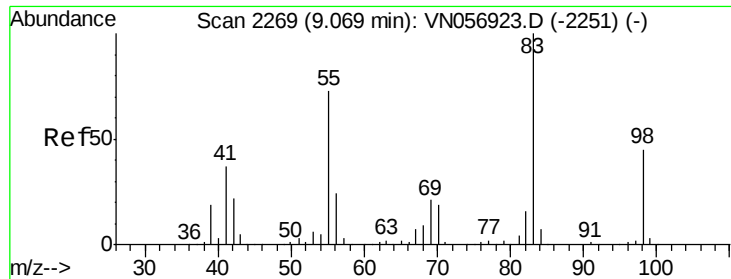
Tot Ion: 43 Resp: 276558
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.407 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 117 Resp: 311553
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
121 31.1 25.1 37.7

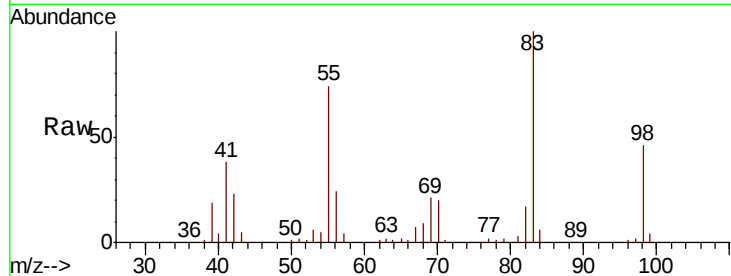




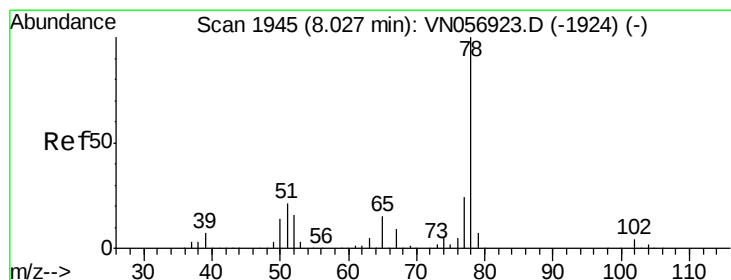
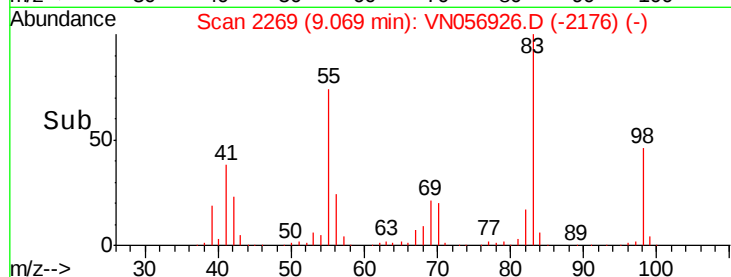
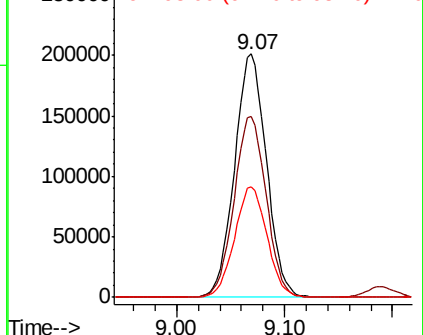
#39
Methvlcvclohexane
Concen: 49.267 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

Tot Ion: 83 Resp: 414859
Ion Ratio Lower Upper
83 100
55 74.3 58.8 88.2
98 45.6 35.8 53.6

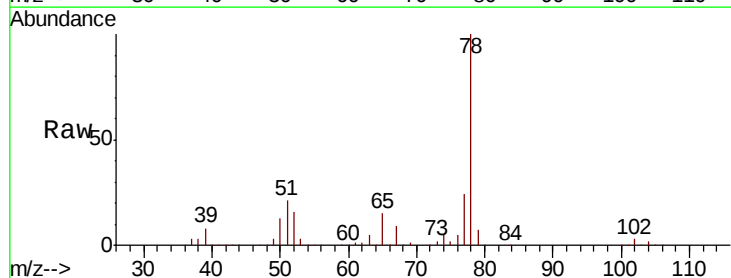


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

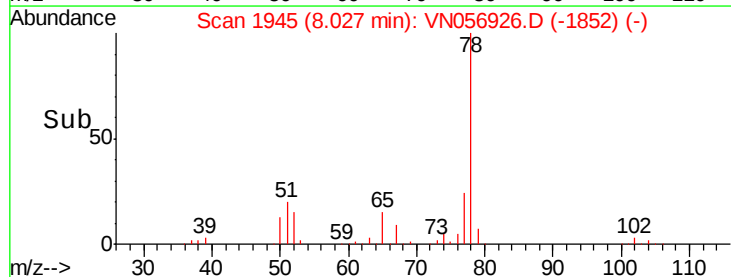
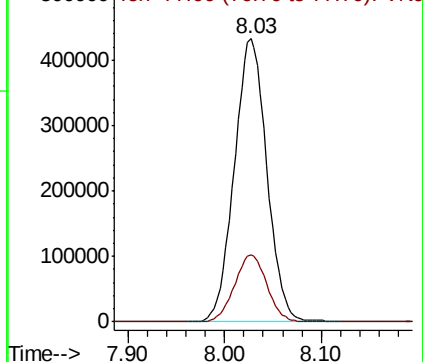


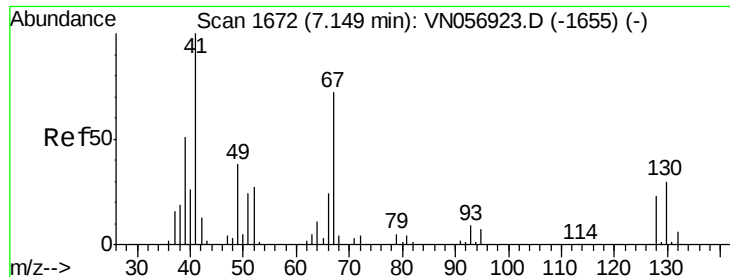
#40
Benzene
Concen: 46.939 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 78 Resp: 1011287
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3



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





#41

Methacrylonitrile

Concen: 45.514 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

ICVVN072619

Tot Ion: 41 Resp: 112068

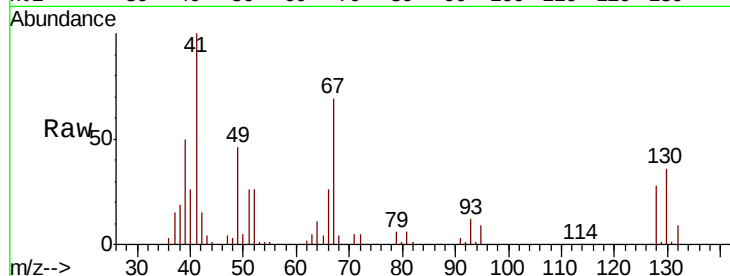
Ion Ratio Lower Upper

41 100

39 61.9 0.0 0.0#

67 107.2 0.0 0.0#

52 41.3 0.0 0.0#

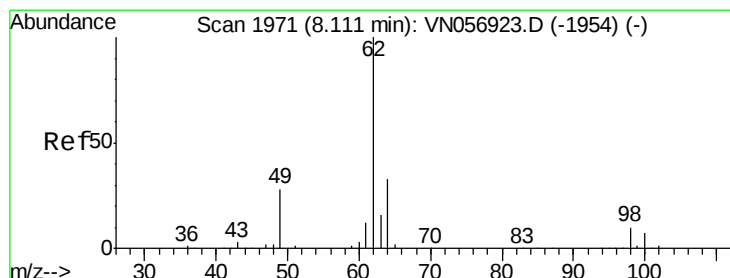
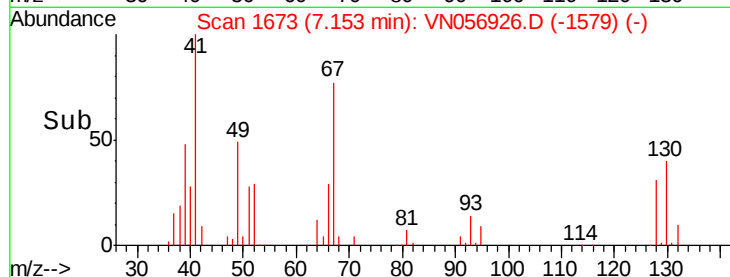
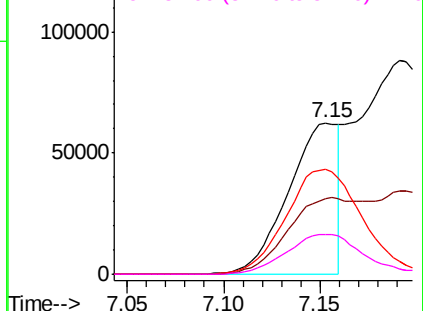


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.044 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN056926.D

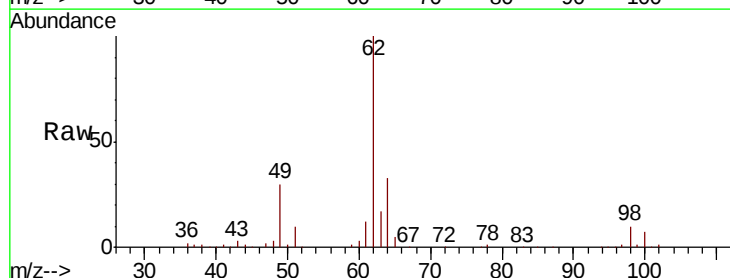
Acq: 25 Jul 2019 16:35

Tgt Ion: 62 Resp: 313055

Ion Ratio Lower Upper

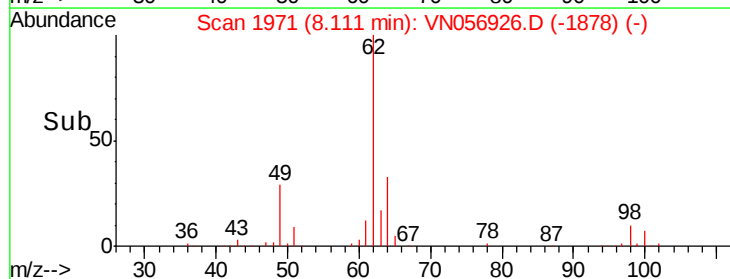
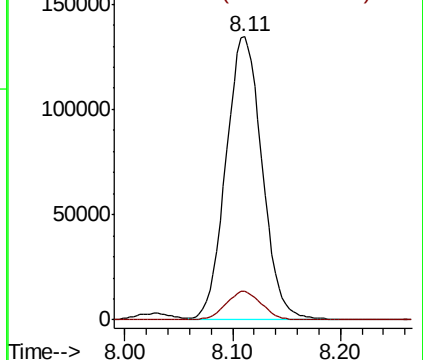
62 100

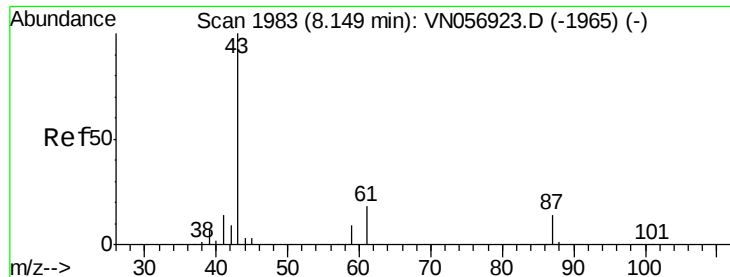
98 10.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.229 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

ICV072619

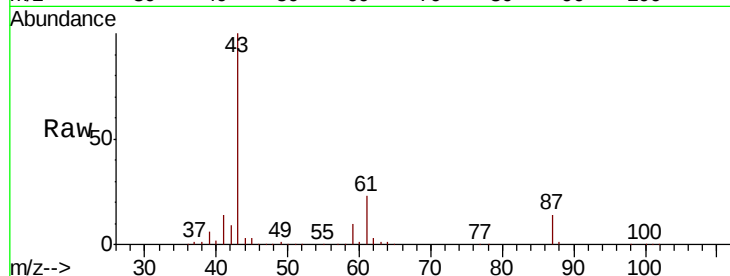
Tot Ion: 43 Resp: 453456

Ion Ratio Lower Upper

43 100

61 29.5 23.8 35.6

87 14.0 11.8 17.6

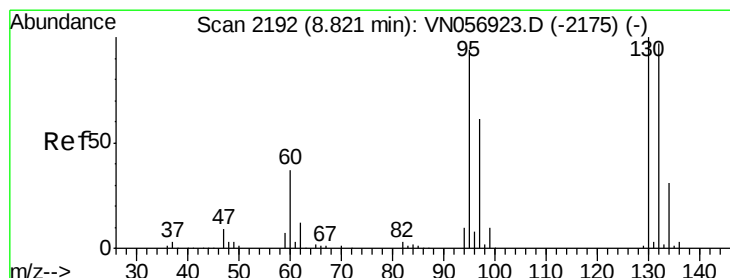
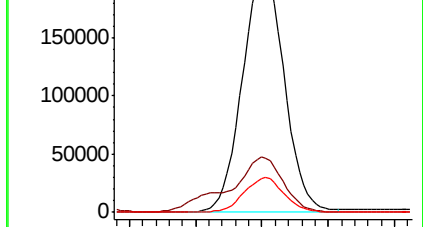
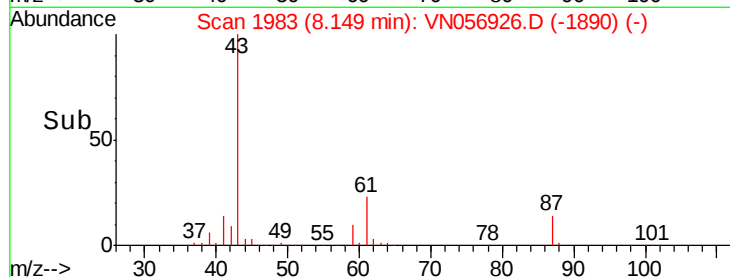


Abundance Ion 43.00 (42.70 to 43.70): VN056926.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN056926.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN056926.D (-1965) (-)

8.15



#44

Trichloroethene

Concen: 47.476 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN056926.D

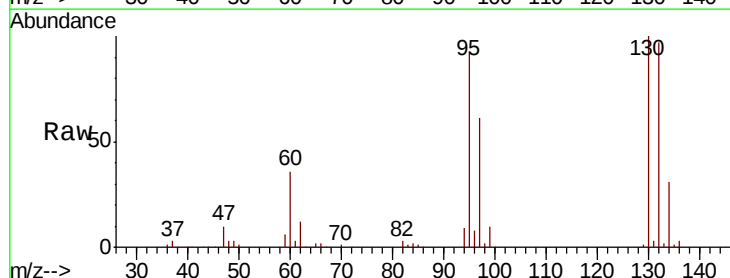
Acq: 25 Jul 2019 16:35

Tgt Ion:130 Resp: 279049

Ion Ratio Lower Upper

130 100

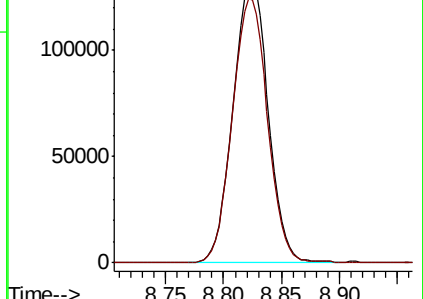
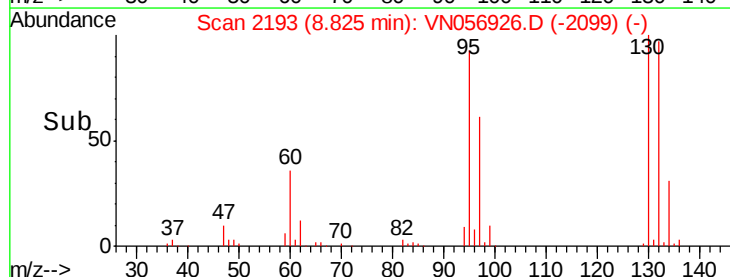
95 92.9 0.0 187.6

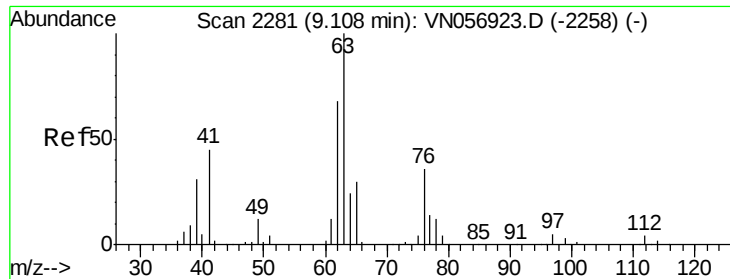


Abundance Ion 129.80 (129.50 to 130.50): VN056926.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056926.D (-2175) (-)

8.82

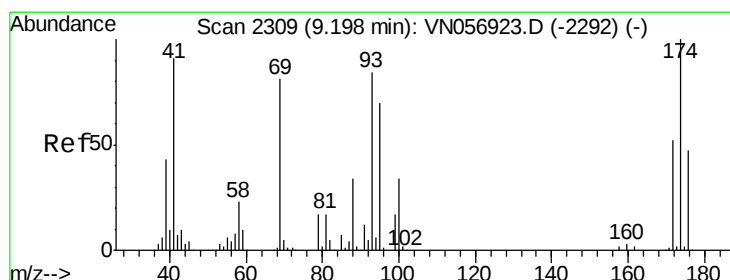
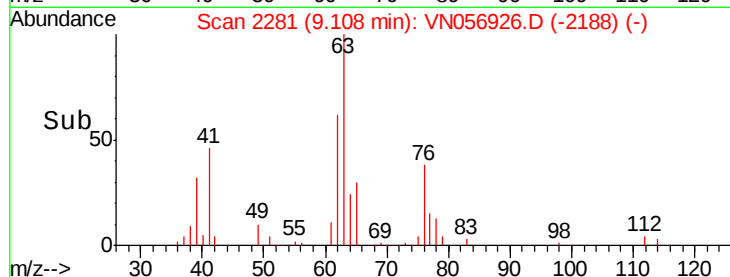
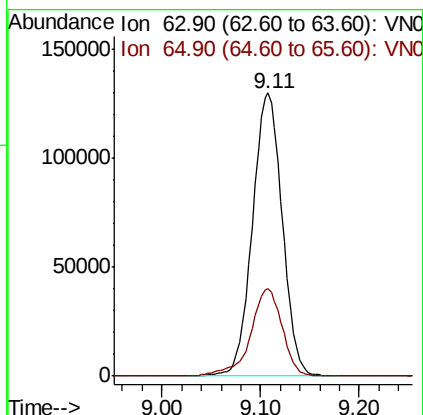
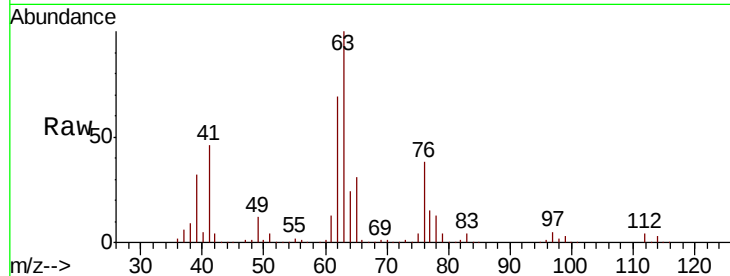




#45
 1,2-Dichloropropane
 Concen: 46.604 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

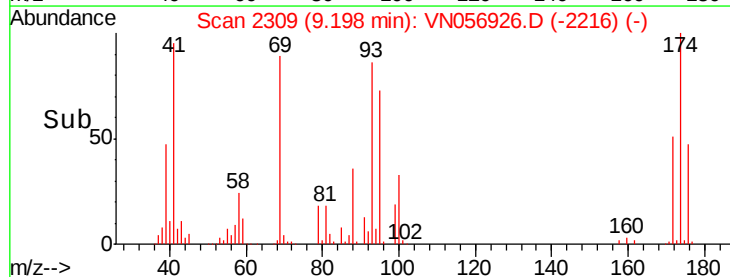
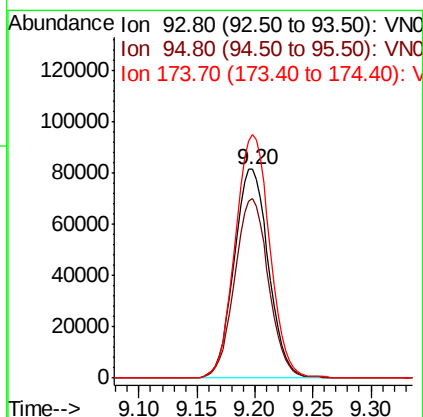
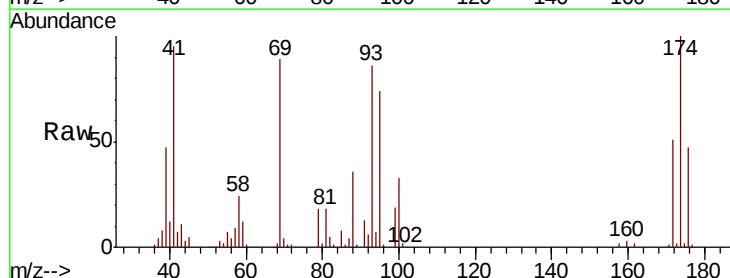
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

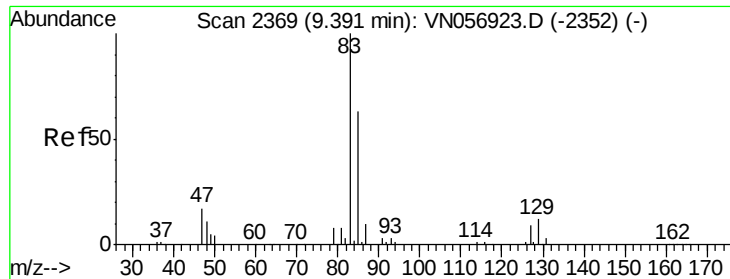
Tot Ion: 63 Resp: 269843
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.5 36.7



#46
 Dibromomethane
 Concen: 48.347 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion: 93 Resp: 168758
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.8 100.2
 174 117.0 92.9 139.3

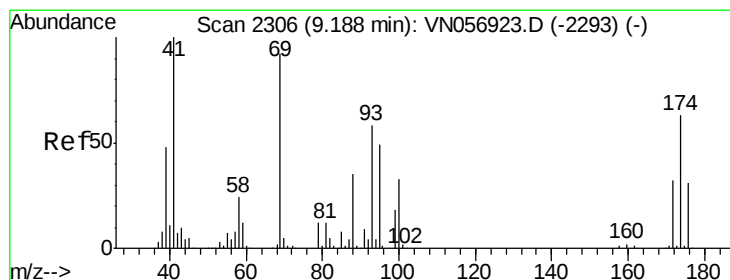
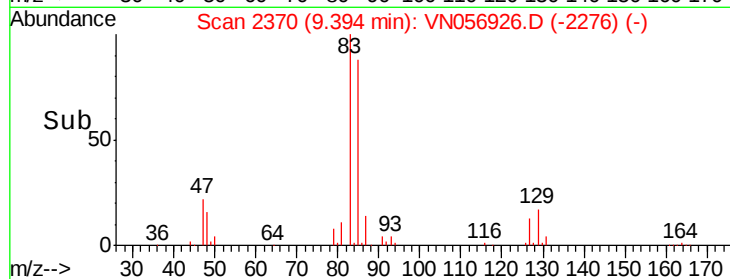
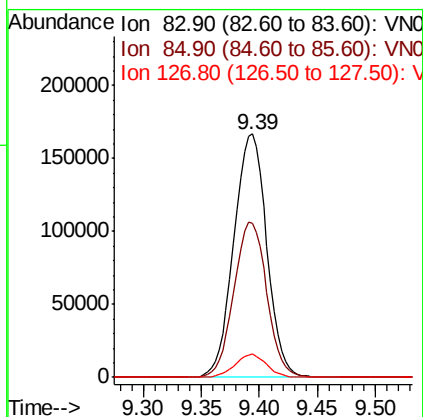
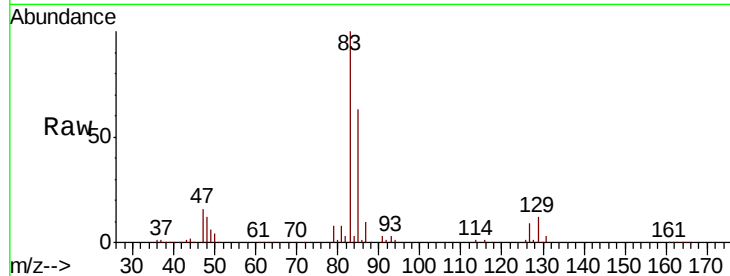




#47
Bromodichloromethane
Concen: 48.395 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

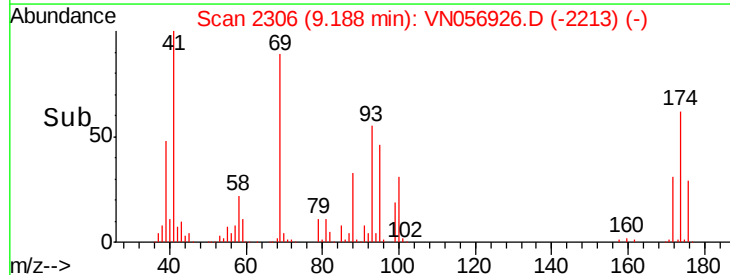
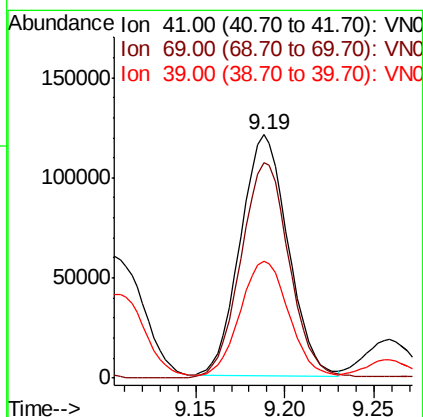
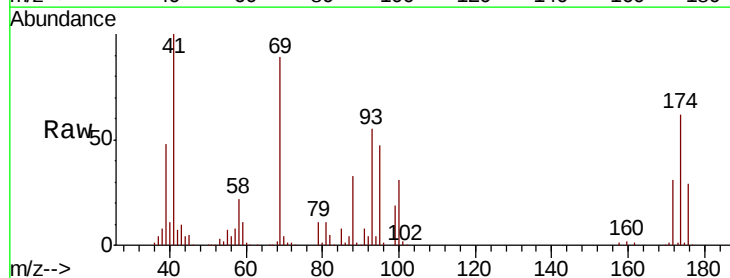
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

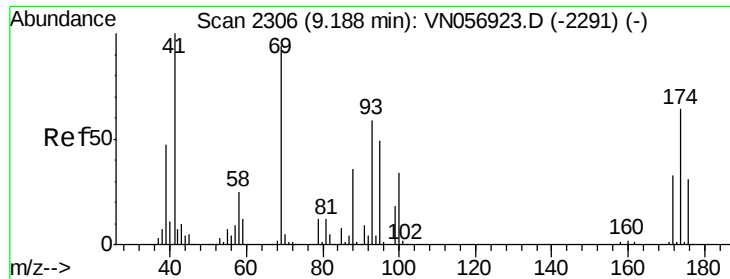
Tot Ion: 83 Resp: 329882
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 9.4 7.4 11.0



#48
Methyl methacrylate
Concen: 50.580 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 41 Resp: 223650
Ion Ratio Lower Upper
41 100
69 92.4 73.4 110.0
39 49.8 40.1 60.1





#49

1,4-Dioxane

Concen: 983.079 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

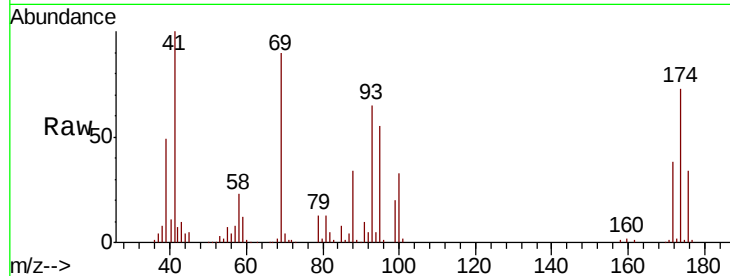
Tot Ion: 88 Resp: 91021

Ion Ratio Lower Upper

88 100

43 27.3 21.1 31.7

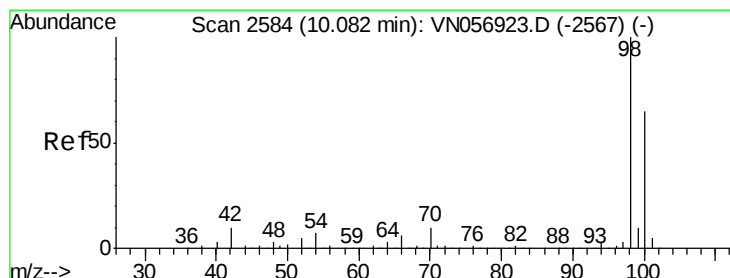
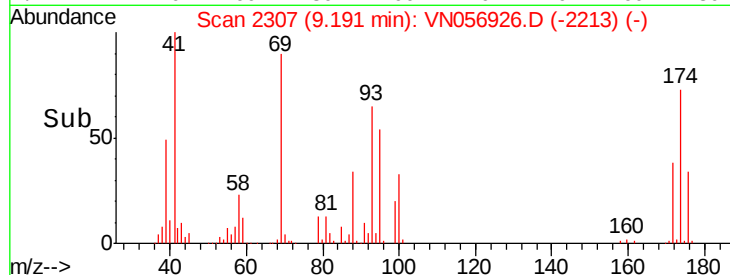
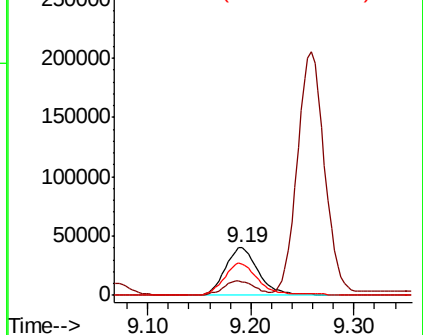
58 67.9 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.824 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN056926.D

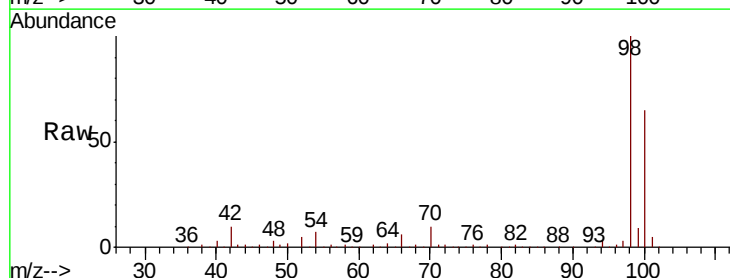
Acq: 25 Jul 2019 16:35

Tgt Ion: 98 Resp: 875608

Ion Ratio Lower Upper

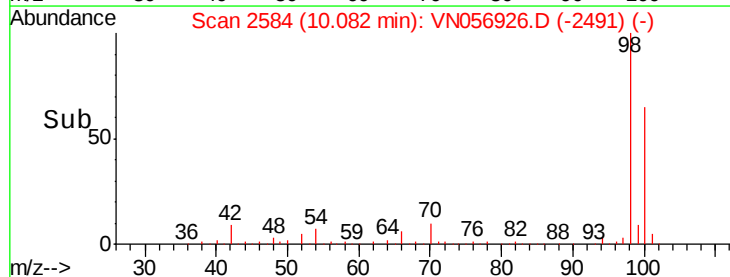
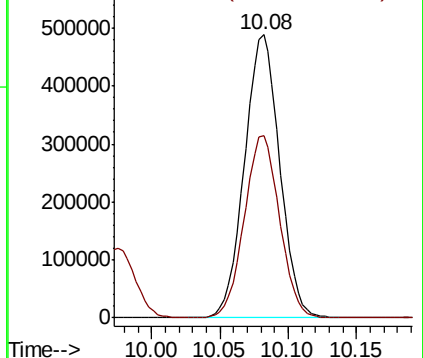
98 100

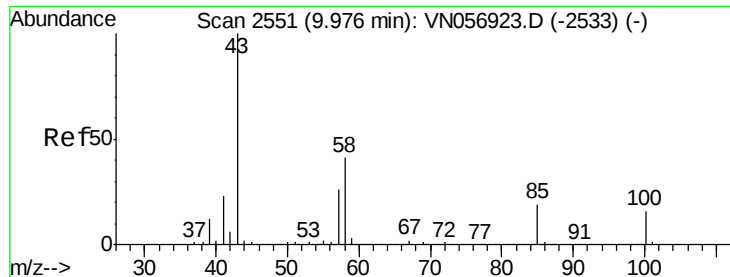
100 64.3 51.4 77.2



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: 250.421 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

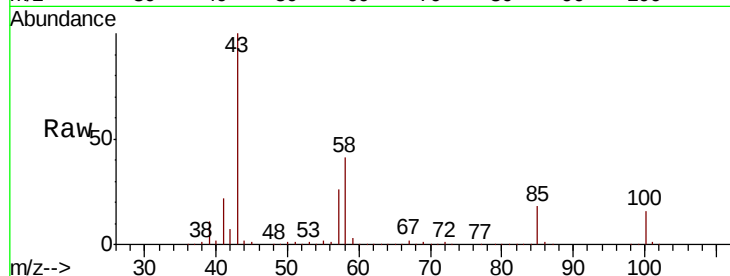
ICVVN072619

Tot Ion: 43 Resp: 1371427

Ion Ratio Lower Upper

43 100

58 40.9 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

200000

0

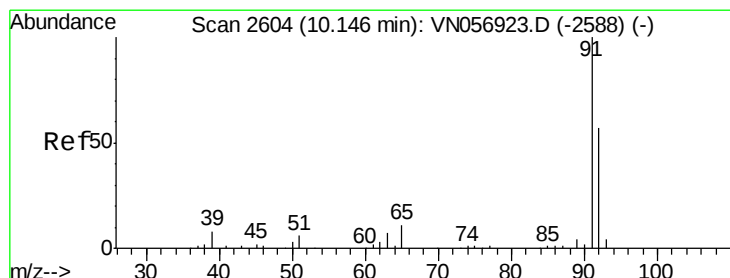
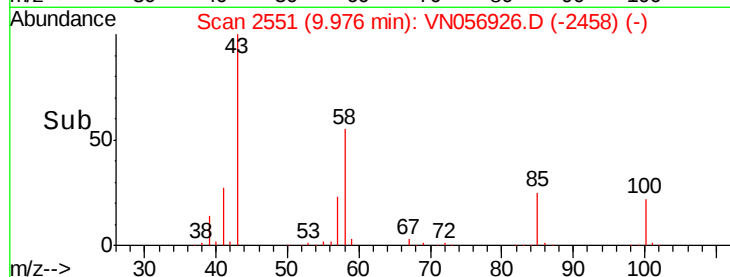
9.90

9.98

10.00

10.10

Time-->



#52

Toluene

Concen: 48.821 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056926.D

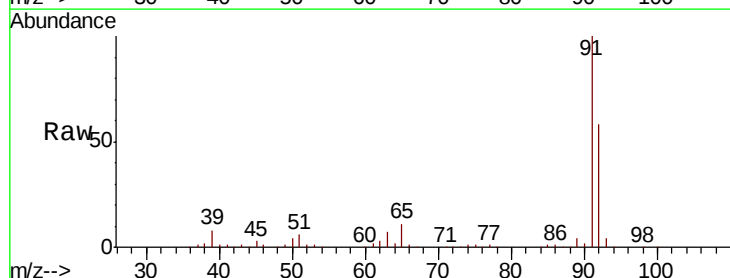
Acq: 25 Jul 2019 16:35

Tgt Ion: 92 Resp: 630862

Ion Ratio Lower Upper

92 100

91 173.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

400000

200000

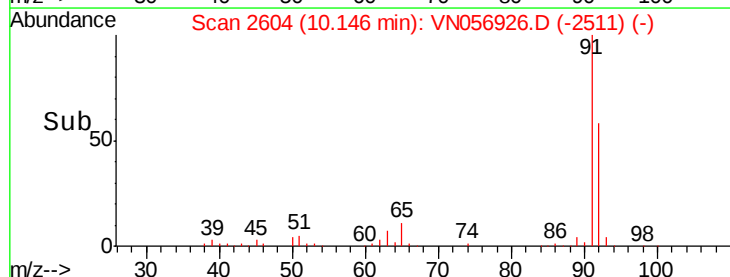
0

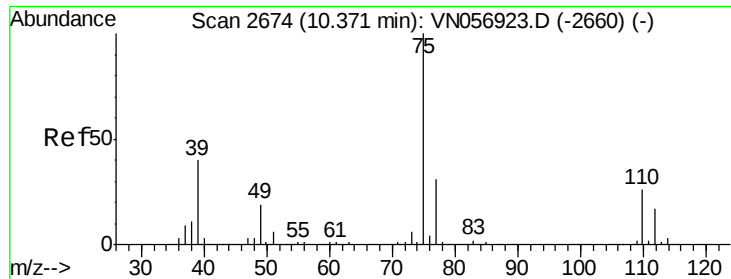
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.272 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

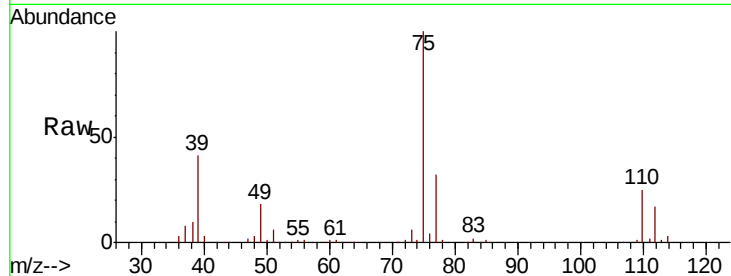
ICV072619

Tot Ion: 75 Resp: 352351

Ion Ratio Lower Upper

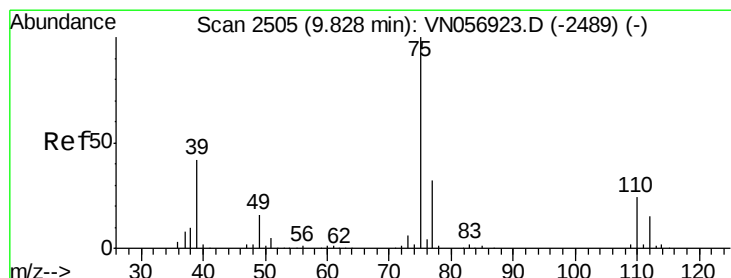
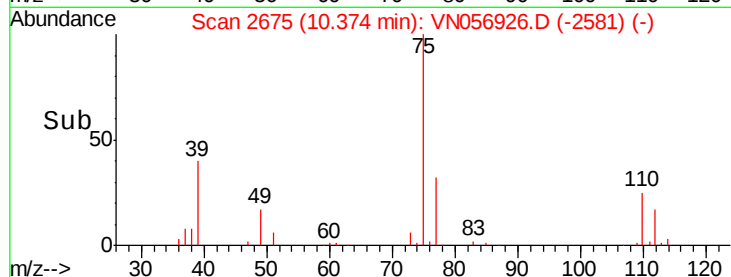
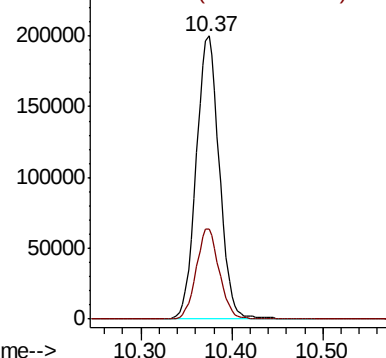
75 100

77 32.0 25.0 37.6



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: 49.854 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

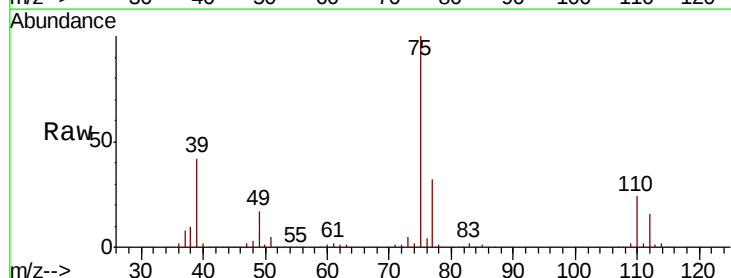
Tgt Ion: 75 Resp: 403342

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

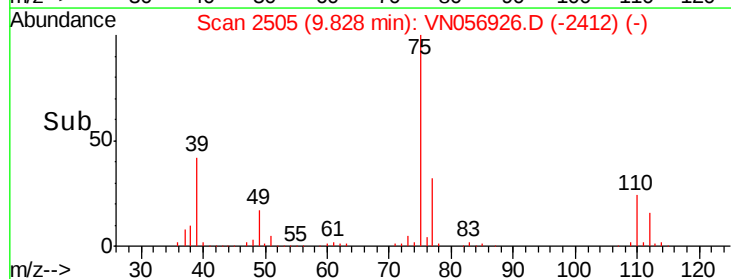
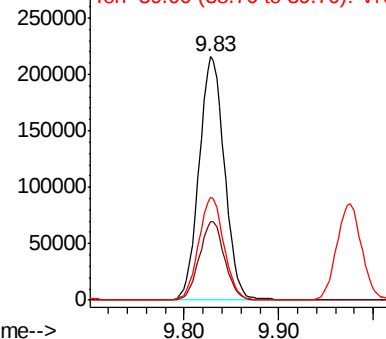
39 42.1 33.4 50.0

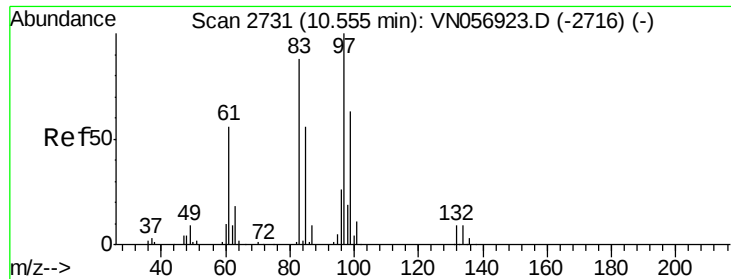


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 46.989 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

Tot Ion: 97 Resp: 243343

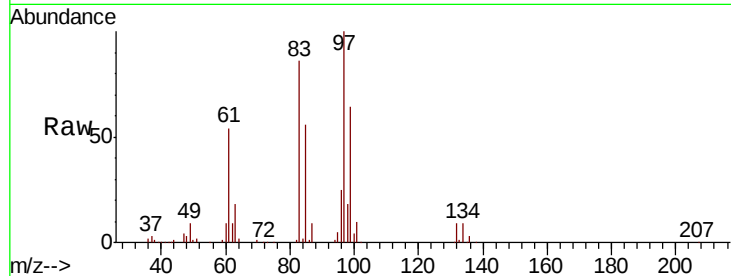
Ion Ratio Lower Upper

97 100

83 86.1 70.1 105.1

85 56.1 45.1 67.7

99 63.9 50.6 75.8



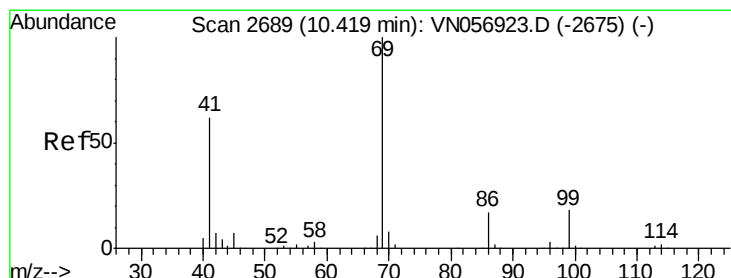
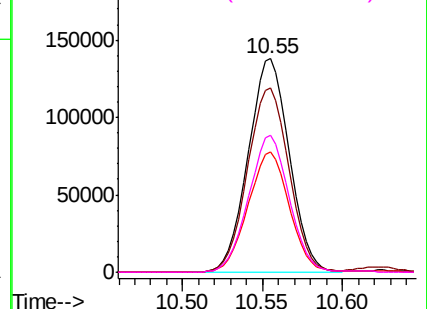
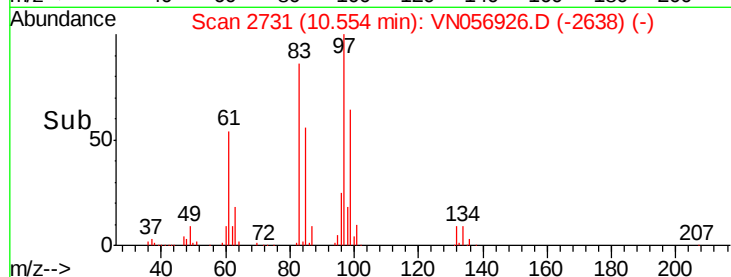
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.305 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

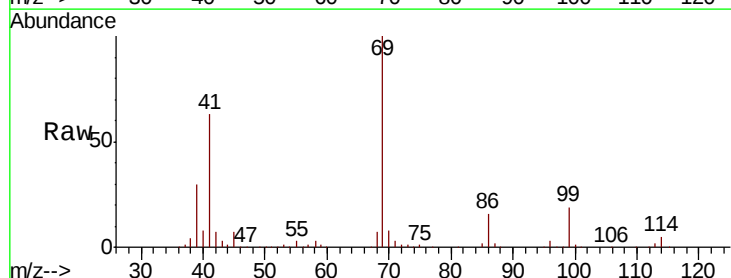
Tgt Ion: 69 Resp: 364187

Ion Ratio Lower Upper

69 100

41 61.0 49.7 74.5

39 29.7 23.6 35.4

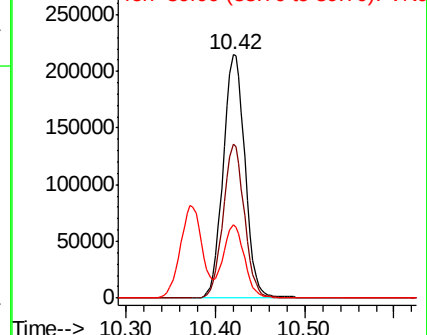
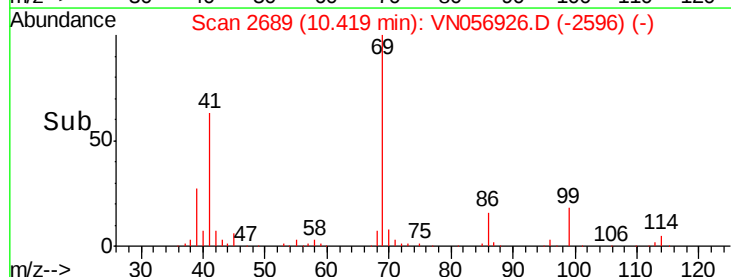


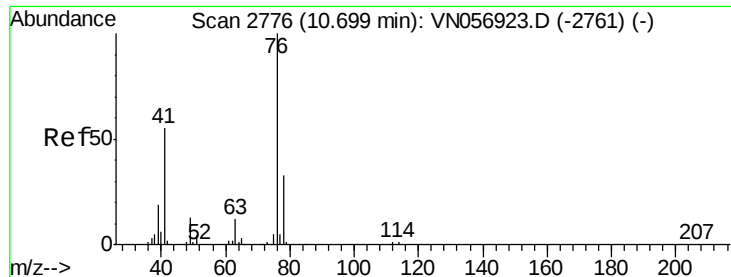
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.470 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

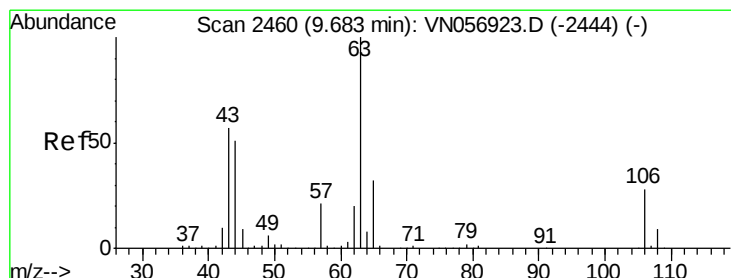
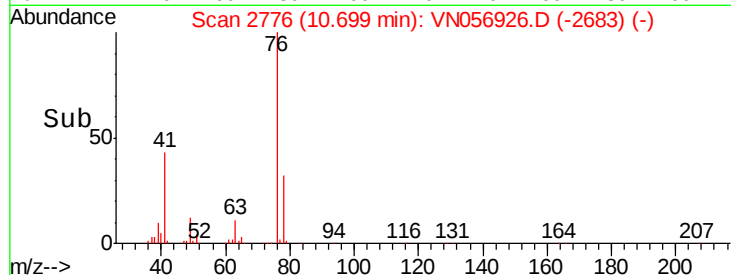
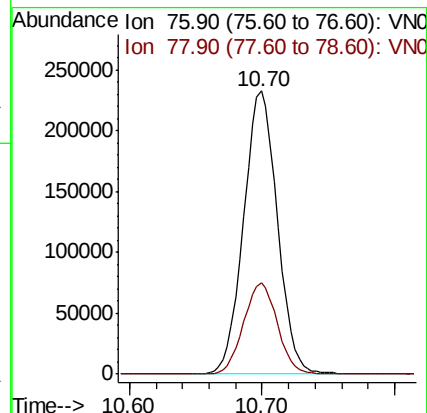
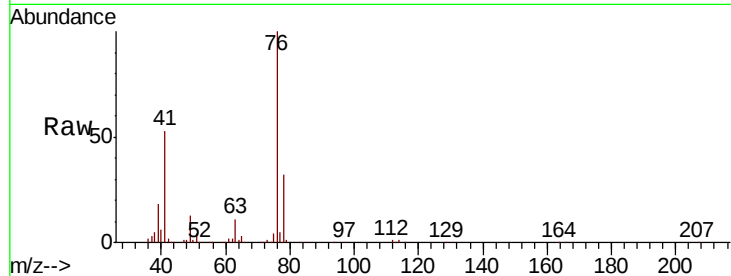
ICVVN072619

Tot Ion: 76 Resp: 410820

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 228.215 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN056926.D

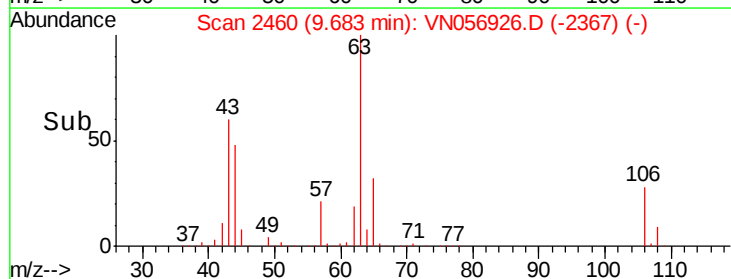
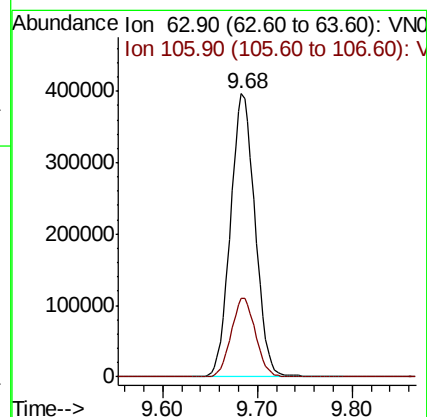
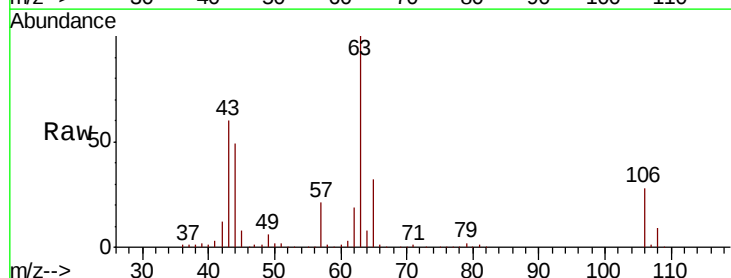
Acq: 25 Jul 2019 16:35

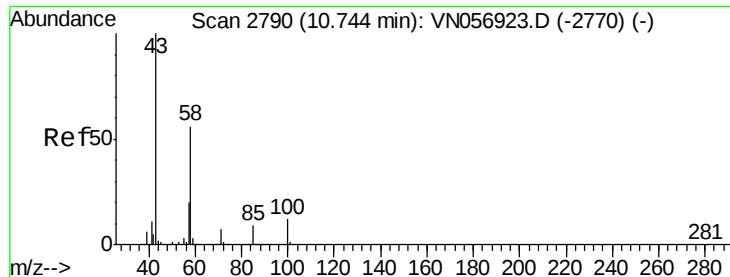
Tgt Ion: 63 Resp: 716192

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.4

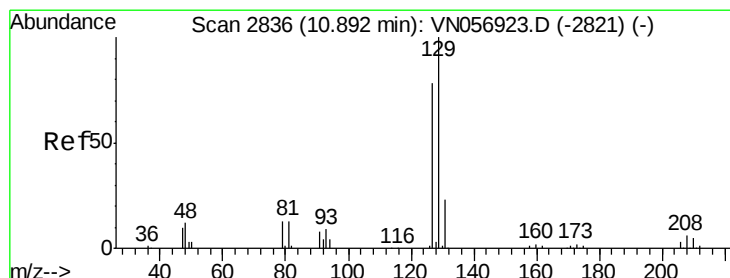
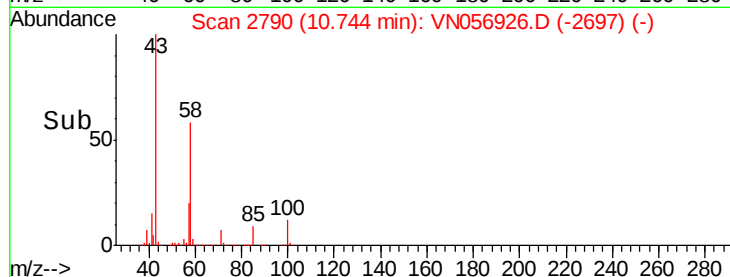
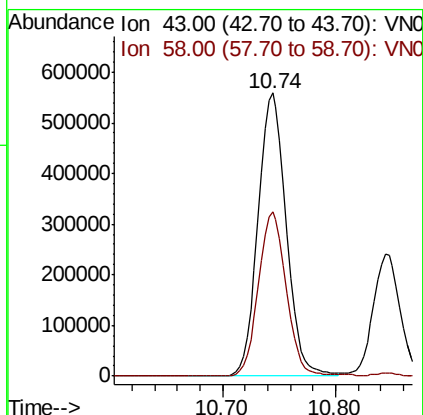
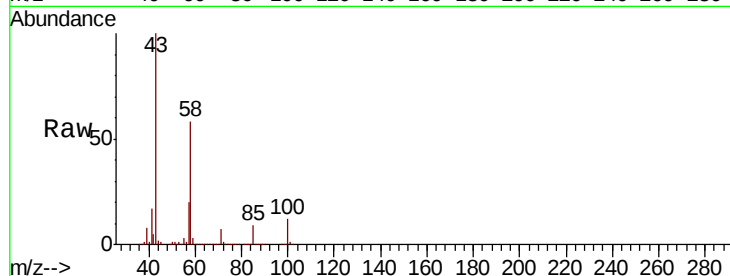




#59
2-Hexanone
Concen: 258.115 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

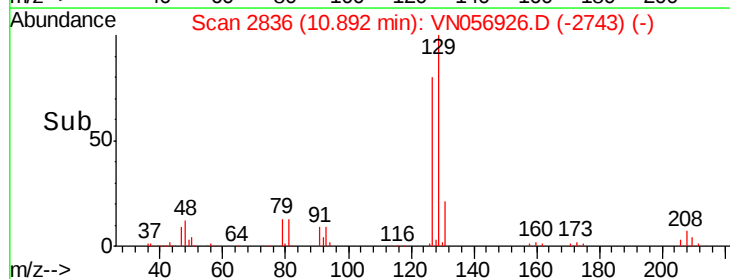
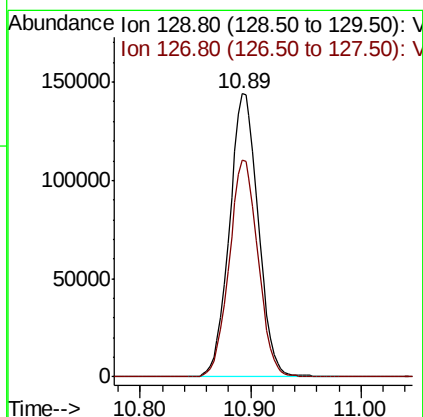
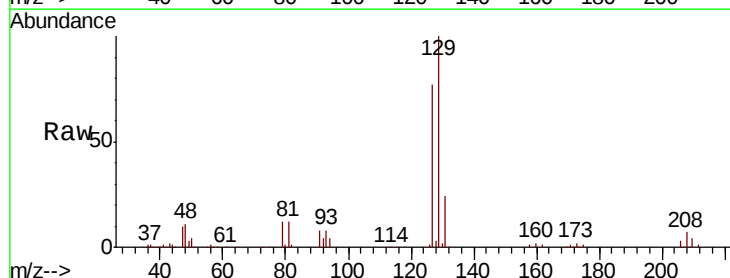
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

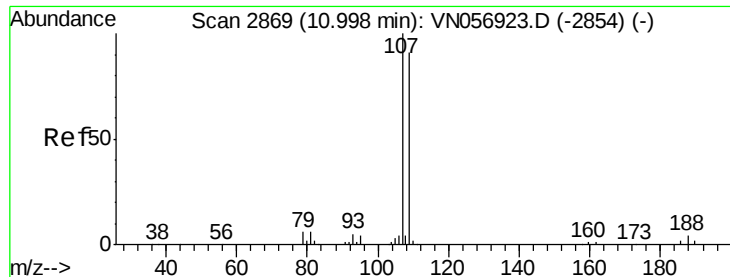
Tot Ion: 43 Resp: 969096
Ion Ratio Lower Upper
43 100
58 57.6 28.2 84.6



#60
Dibromochloromethane
Concen: 49.636 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 129 Resp: 261162
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2

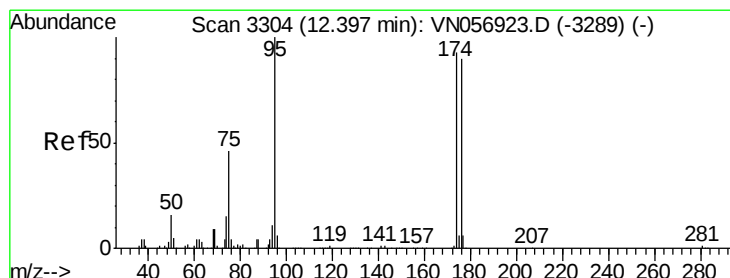
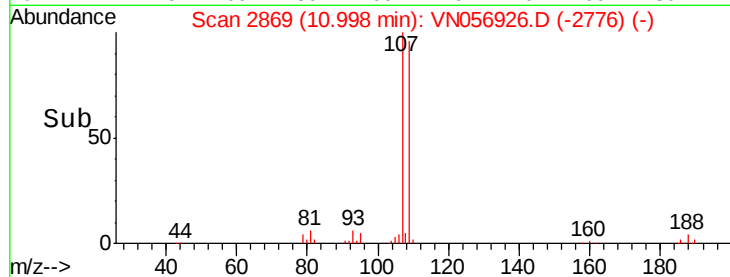
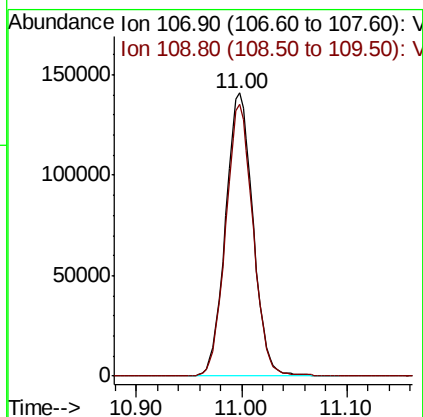
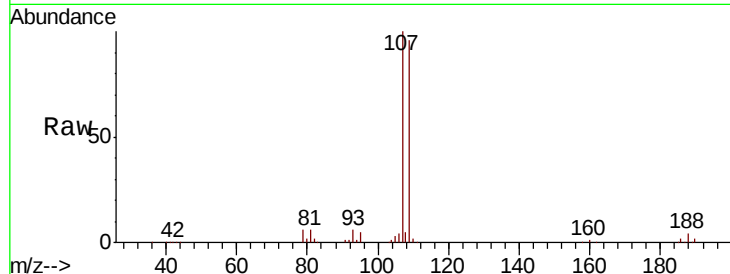




#61
 1,2-Dibromoethane
 Concen: 49.207 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

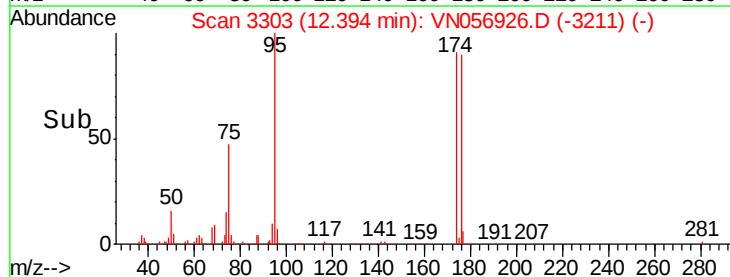
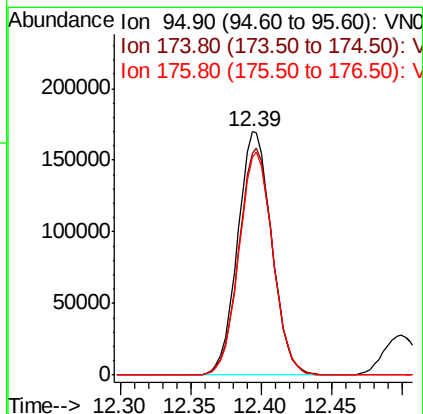
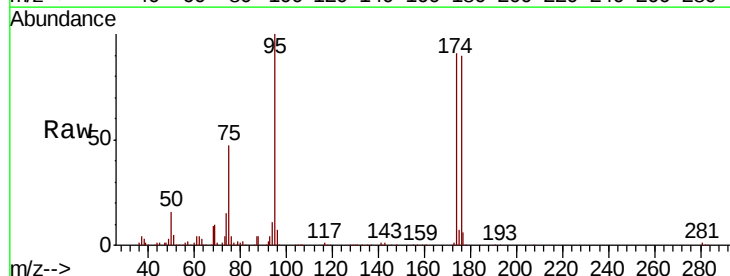
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

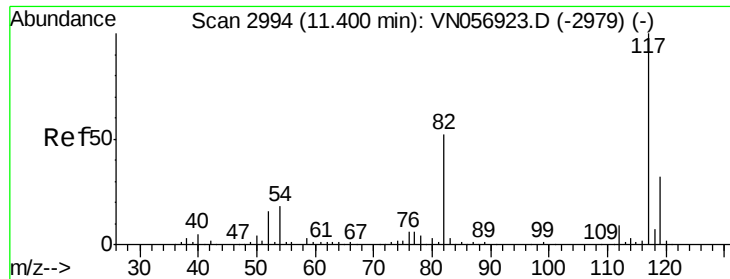
Tot Ion: 107 Resp: 252942
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.255 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion: 95 Resp: 288480
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 186.2
 176 90.7 0.0 179.6

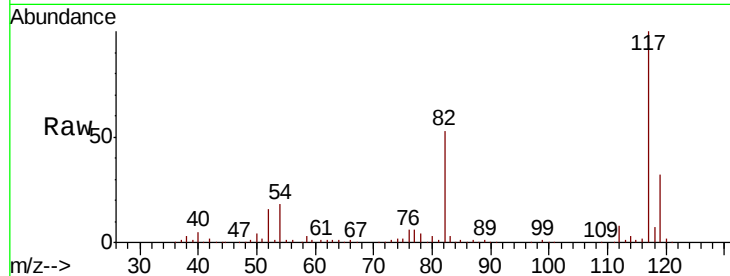




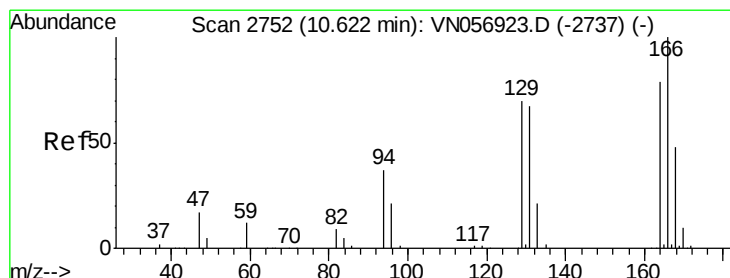
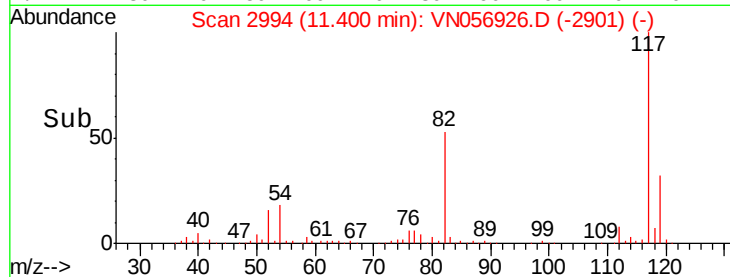
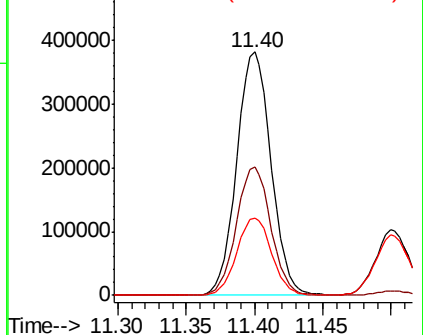
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Instrument :
MSVOA_N
ClientSampled :
ICVVN072619

Tot Ion:117 Resp: 668580
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 32.0 25.5 38.3

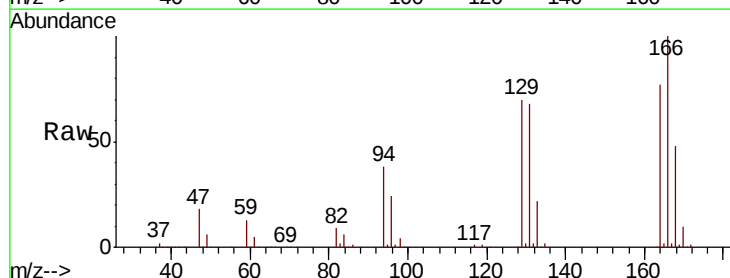


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

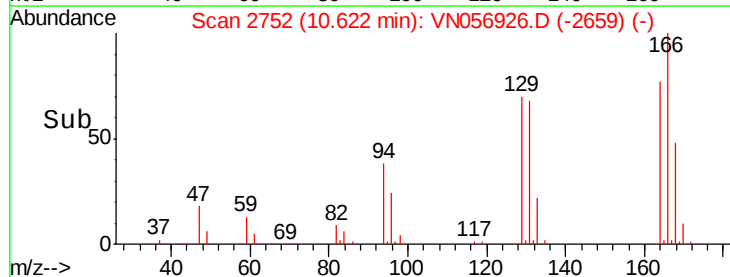
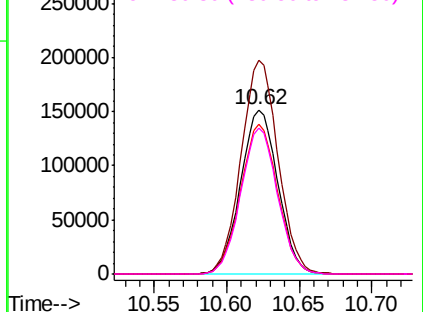


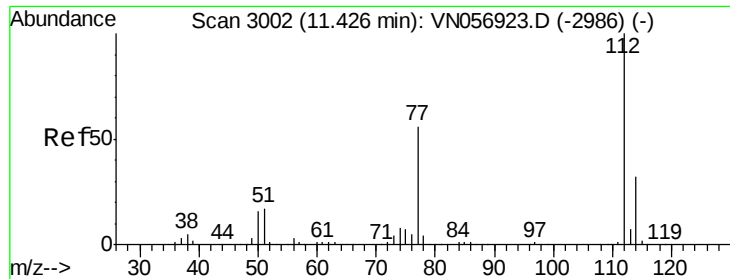
#64
Tetrachloroethene
Concen: 44.539 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion:164 Resp: 272004
Ion Ratio Lower Upper
164 100
166 130.1 101.6 152.4
129 90.8 70.9 106.3
131 88.7 68.4 102.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

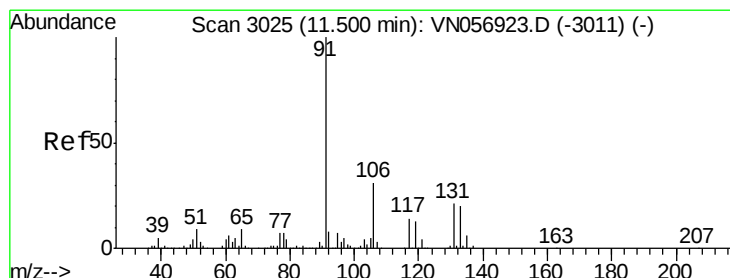
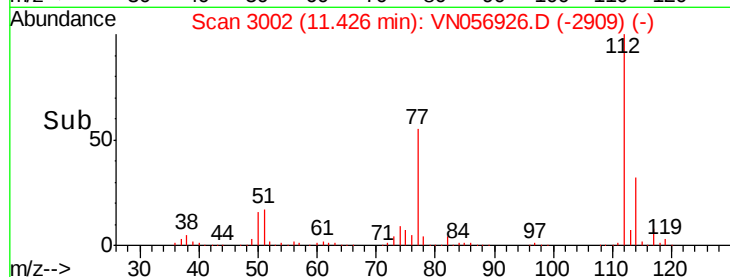
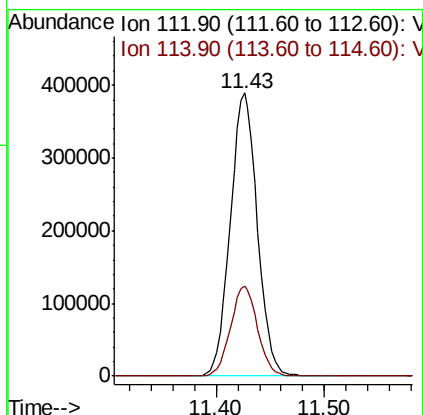
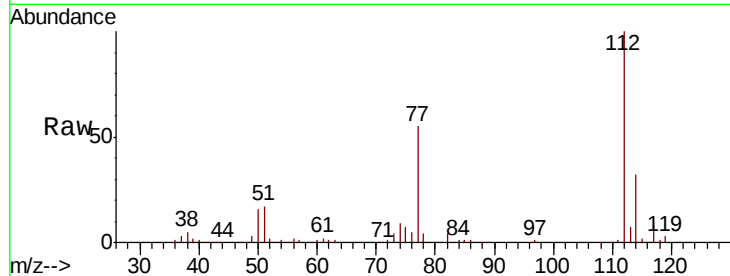




#65
Chlorobenzene
Concen: 48.579 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

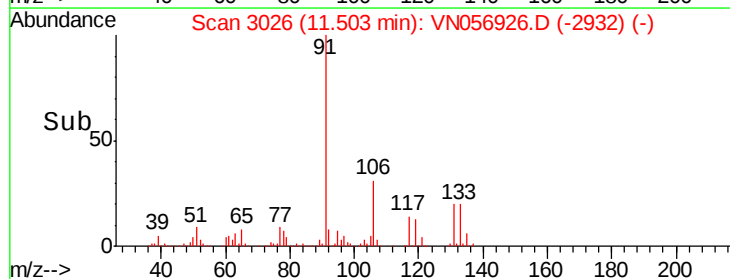
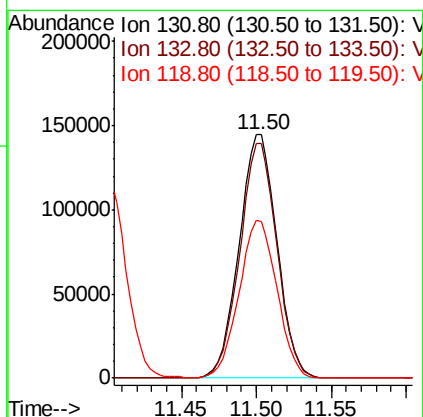
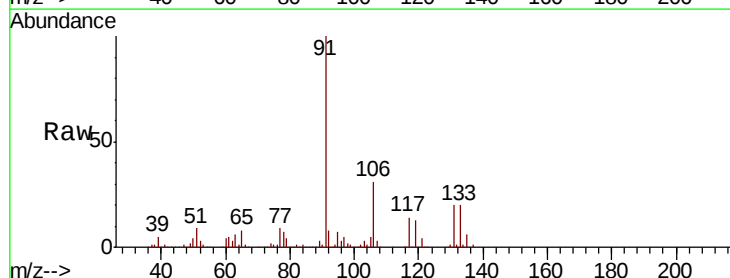
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

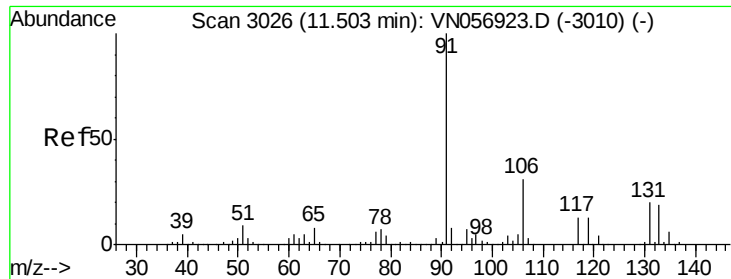
Tot Ion:112 Resp: 679531
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.887 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion:131 Resp: 254317
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.9 32.6 98.0

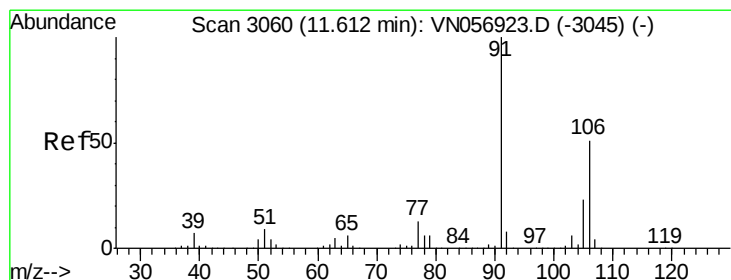
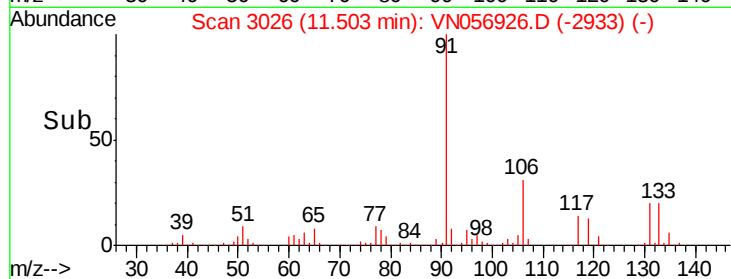
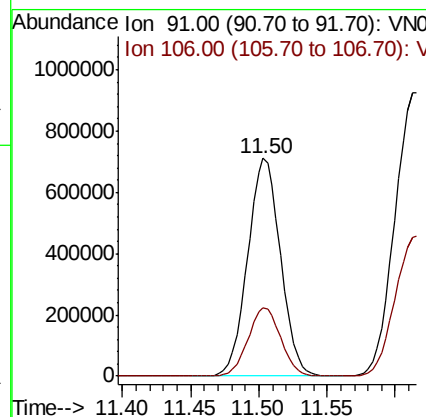
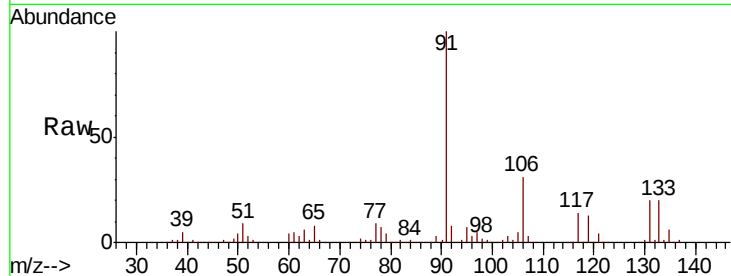




#67
Ethyl Benzene
Concen: 49.297 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

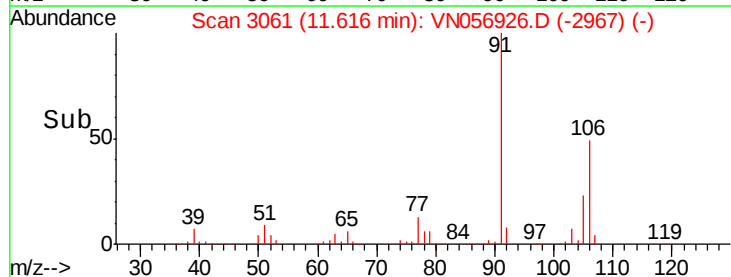
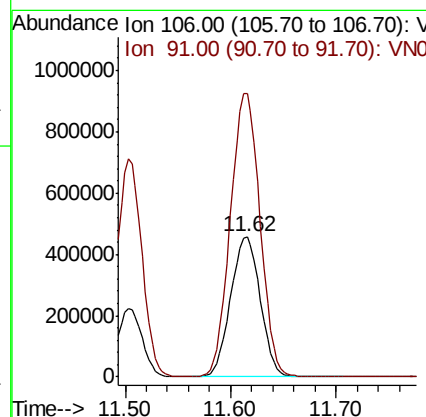
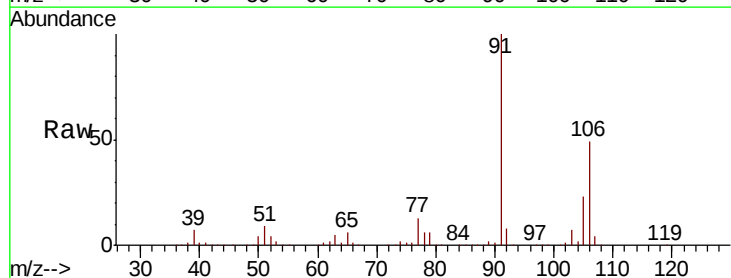
Instrument :
MSVOA_N
ClientSampled :
ICVVN072619

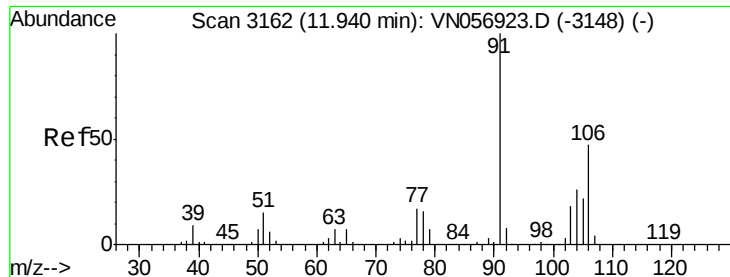
Tot Ion: 91 Resp: 1187239
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 98.637 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion: 106 Resp: 885815
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4

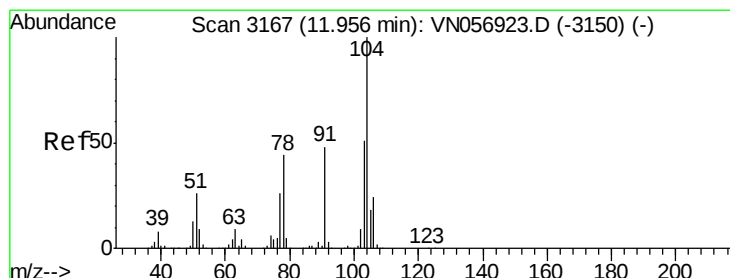
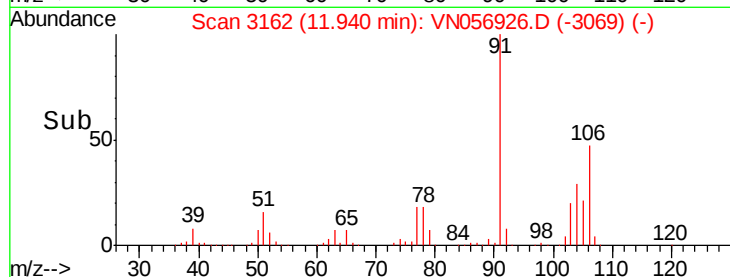
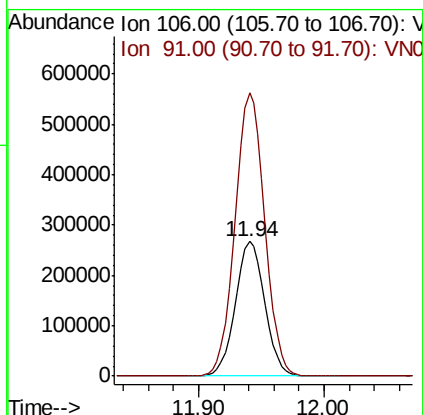
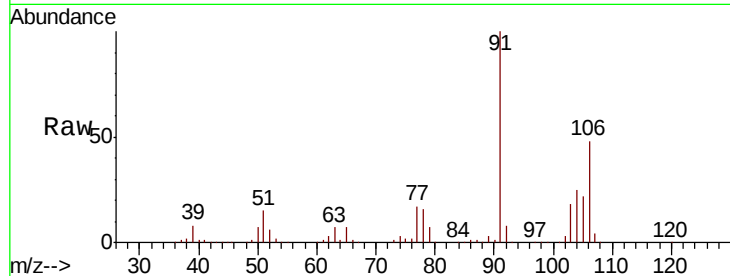




#69
o-Xylene
Concen: 49.140 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

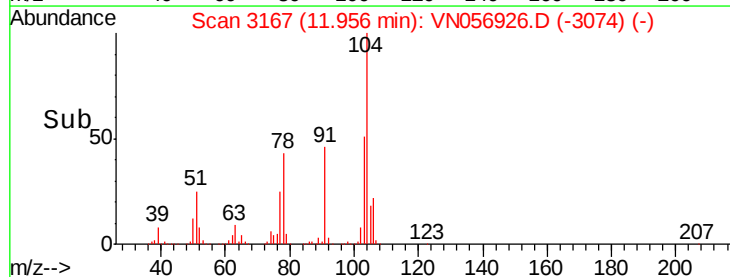
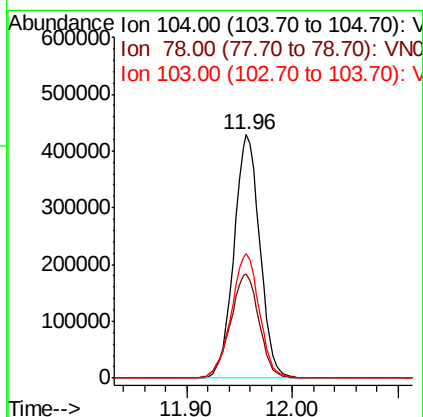
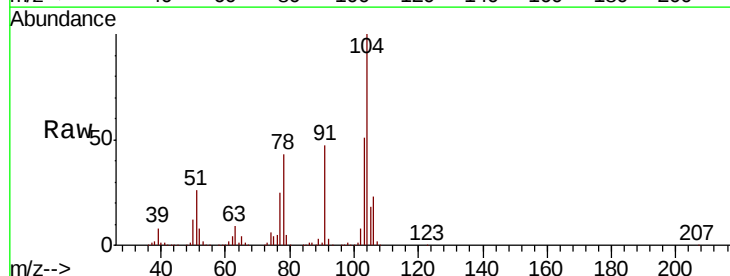
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072619

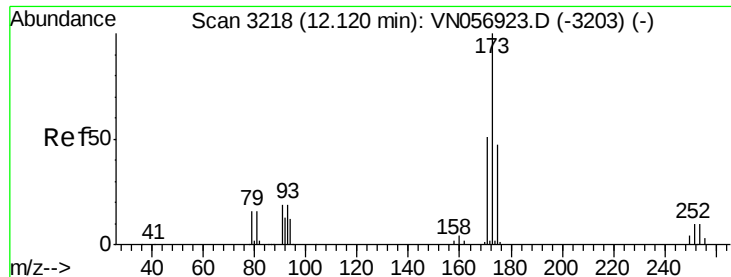
Tot Ion:106 Resp: 431830
Ion Ratio Lower Upper
106 100
91 213.1 105.7 317.0



#70
Styrene
Concen: 47.369 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion:104 Resp: 725867
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 55.2 44.1 66.1





#71

Bromoform

Concen: 50.466 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

ICVVN072619

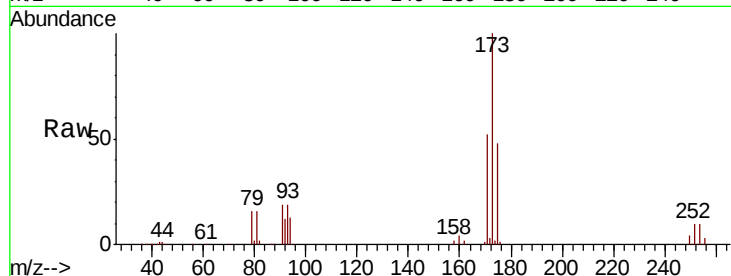
Tot Ion:173 Resp: 182346

Ion Ratio Lower Upper

173 100

175 48.1 24.2 72.6

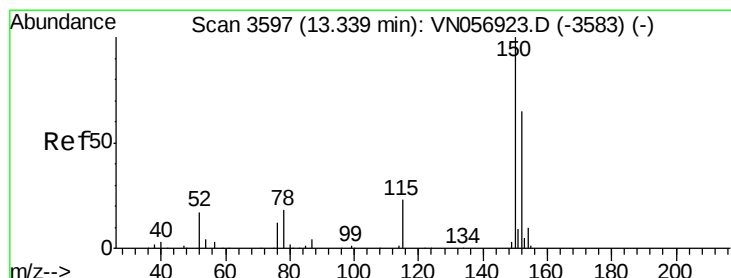
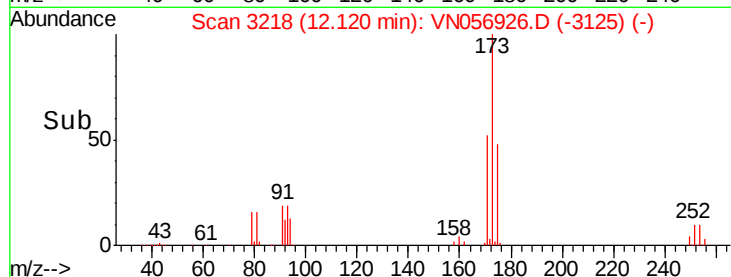
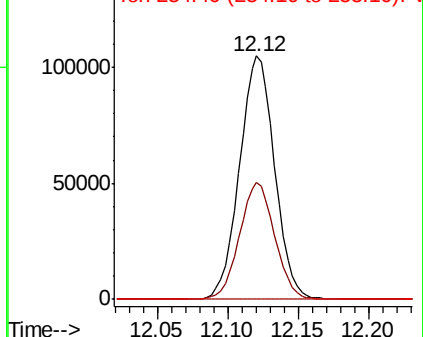
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

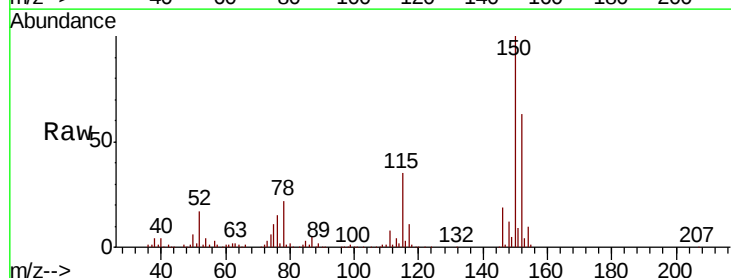
Tgt Ion:152 Resp: 284936

Ion Ratio Lower Upper

152 100

115 56.7 27.9 83.7

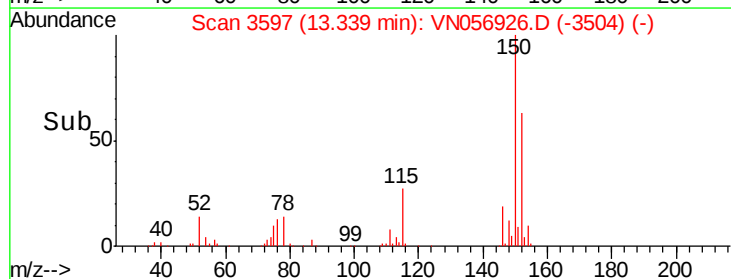
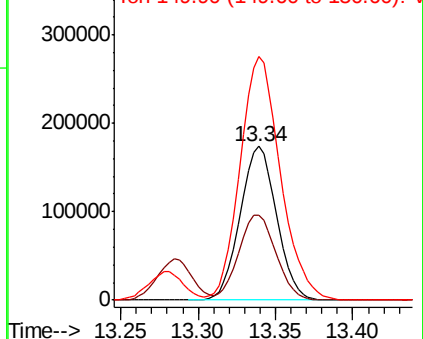
150 175.5 0.0 354.2

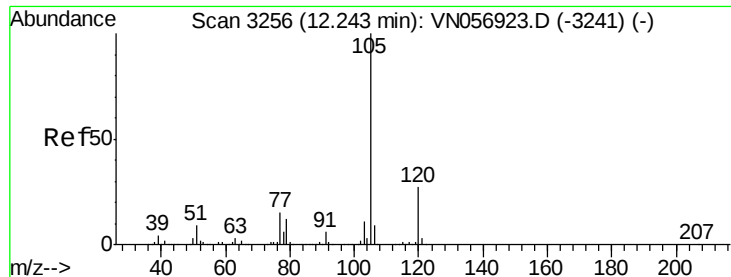


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.558 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

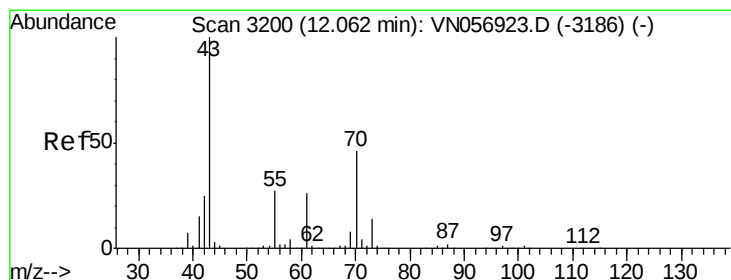
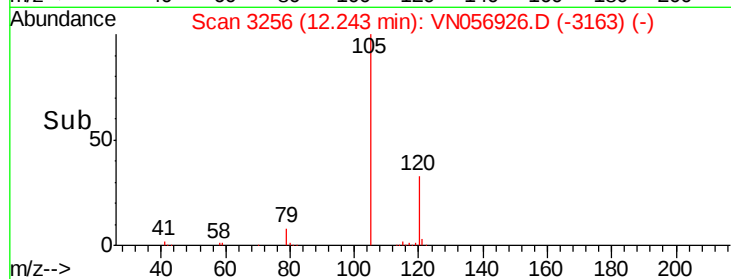
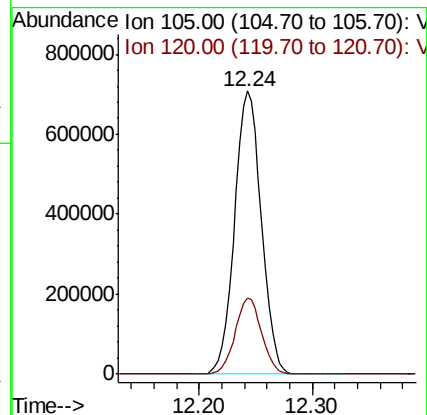
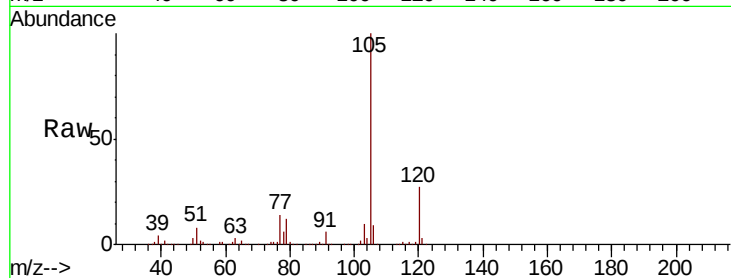
ICVVN072619

Tot Ion:105 Resp: 1160727

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 49.224 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Tgt Ion: 43 Resp: 374746

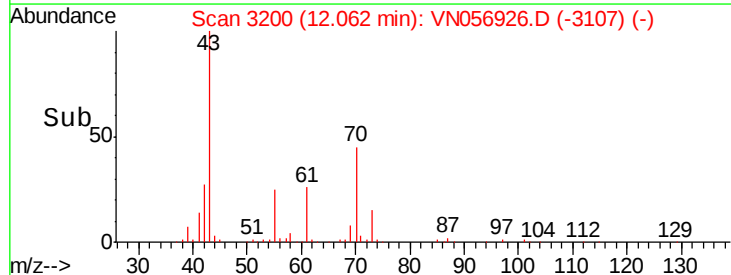
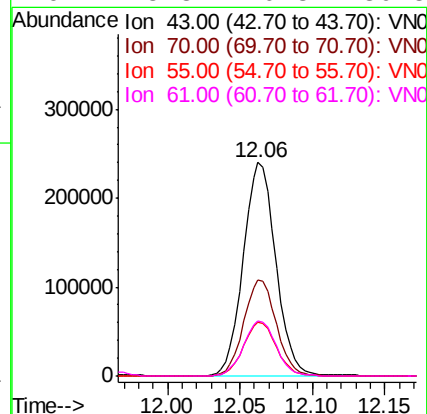
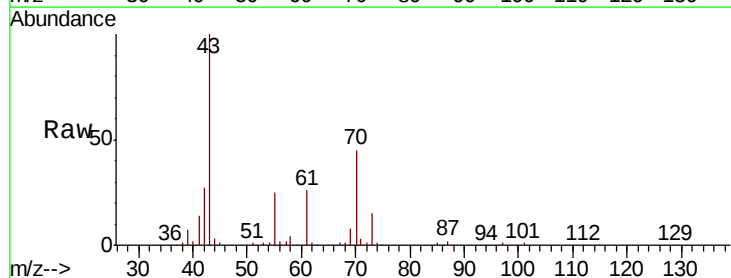
Ion Ratio Lower Upper

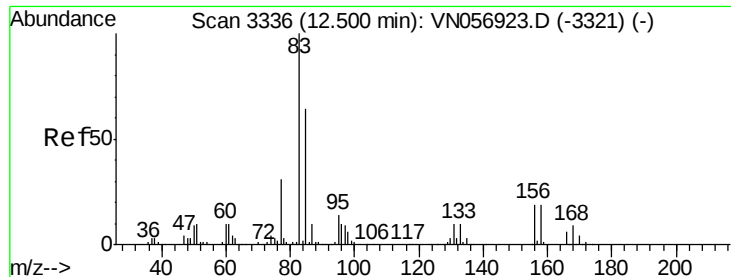
43 100

70 44.9 35.9 53.9

55 25.6 21.4 32.2

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.204 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

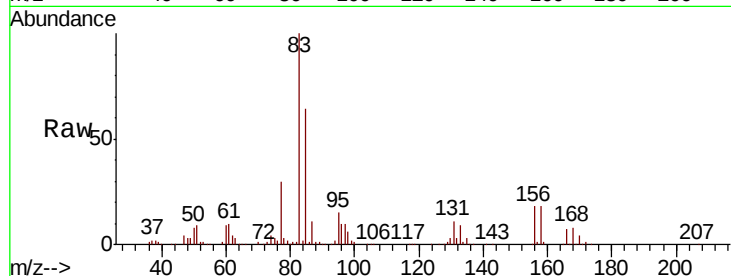
Tot Ion: 83 Resp: 320472

Ion Ratio Lower Upper

83 100

131 11.1 5.3 15.8

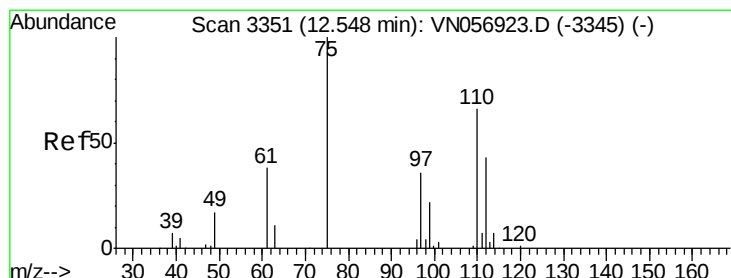
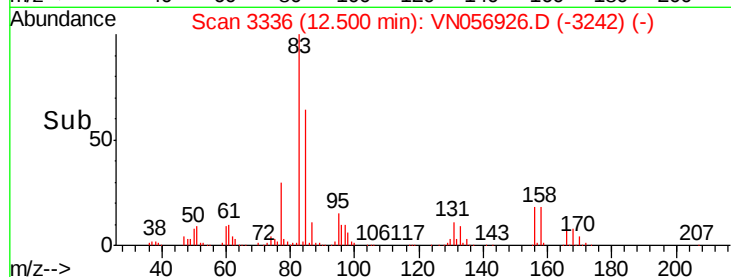
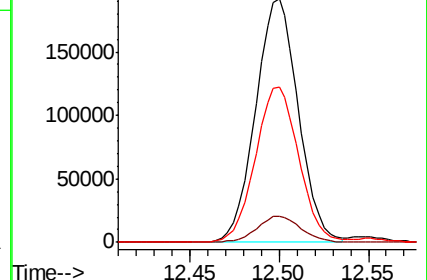
85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.713 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056926.D

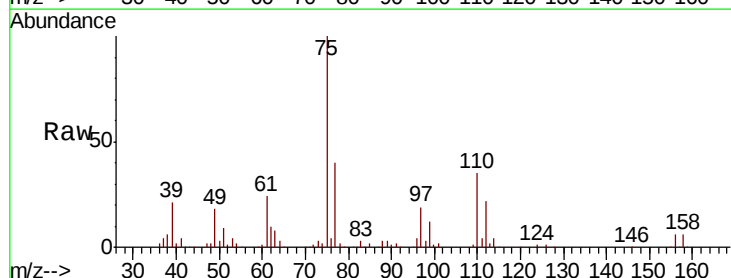
Acq: 25 Jul 2019 16:35

Tgt Ion: 75 Resp: 392060

Ion Ratio Lower Upper

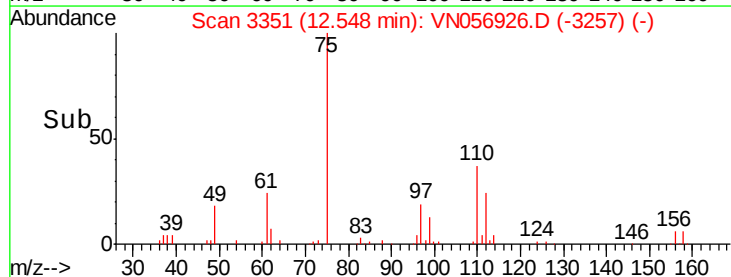
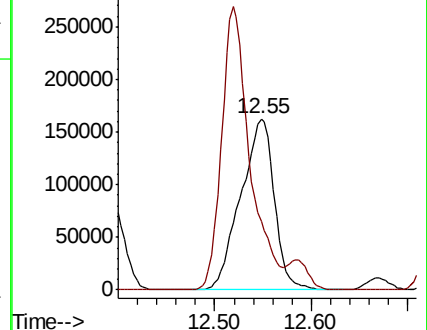
75 100

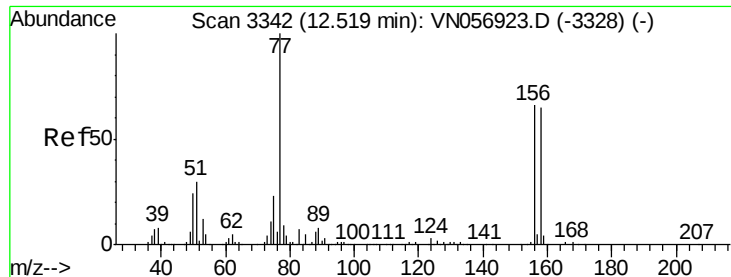
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.347 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

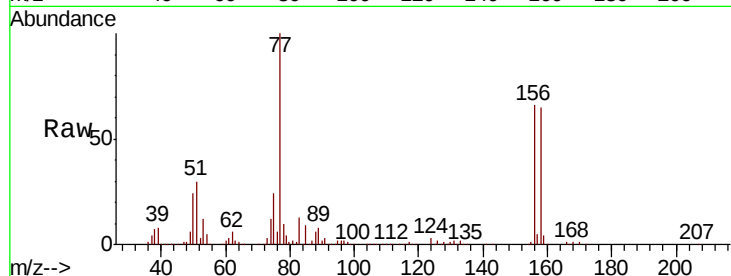
Tot Ion:156 Resp: 300505

Ion Ratio Lower Upper

156 100

77 181.5 90.8 272.3

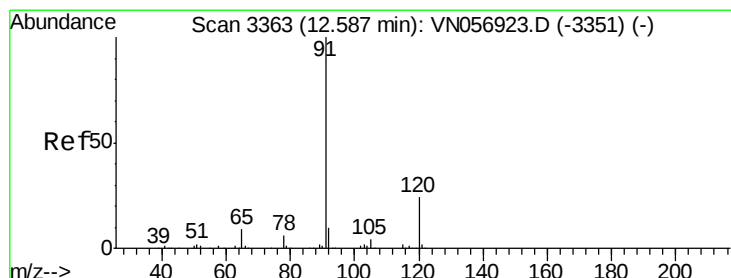
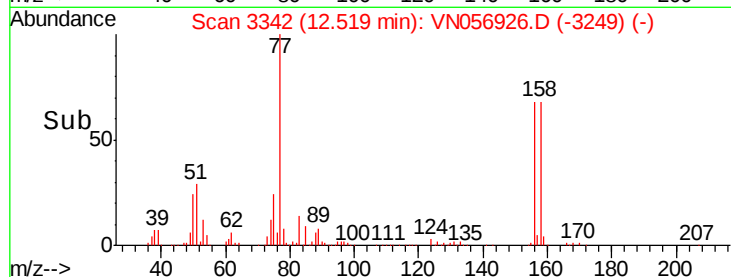
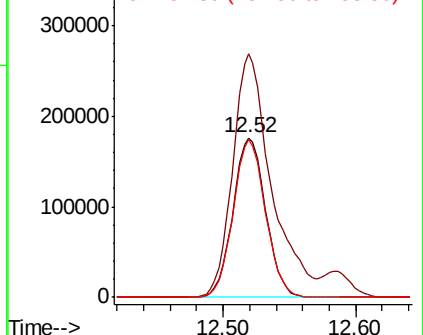
158 97.7 49.5 148.5



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: 46.822 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN056926.D

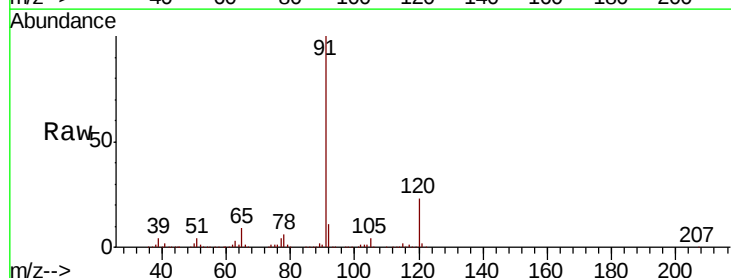
Acq: 25 Jul 2019 16:35

Tgt Ion: 91 Resp: 1282417

Ion Ratio Lower Upper

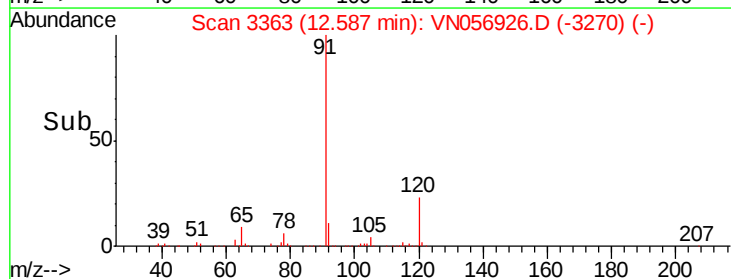
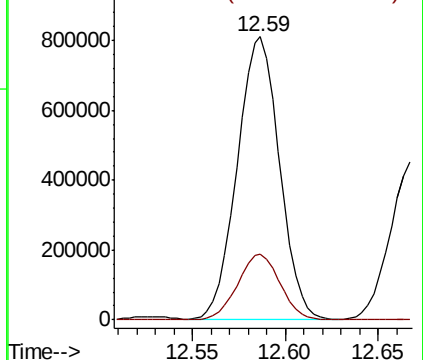
91 100

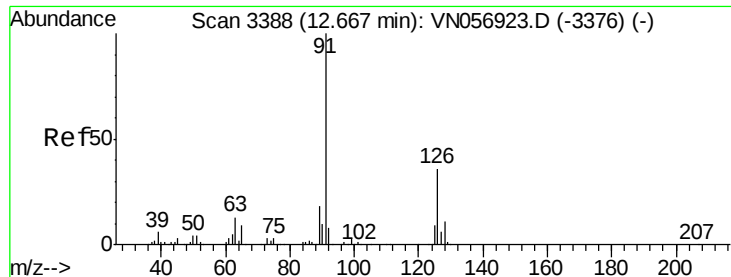
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

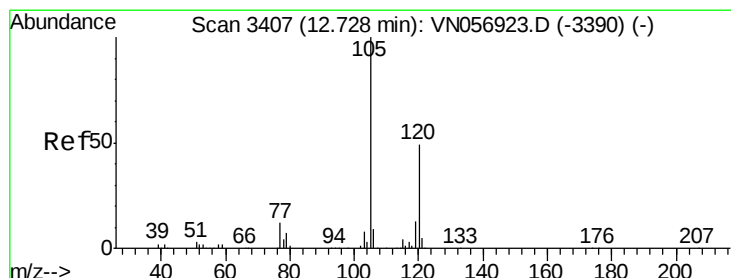
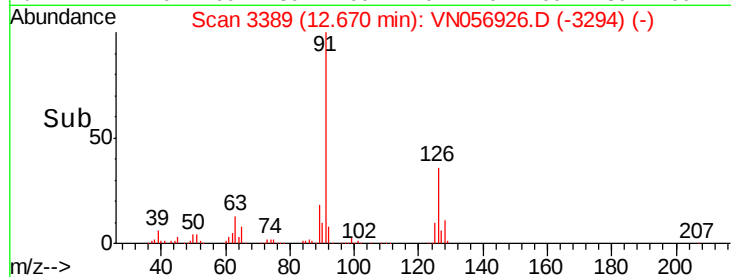
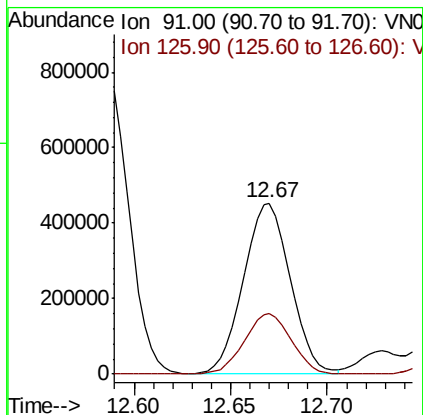
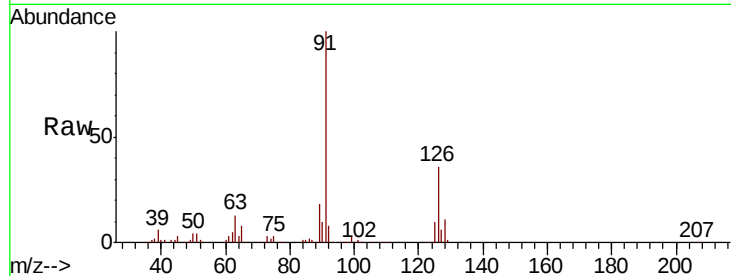




#79
 2-Chlorotoluene
 Concen: 51.095 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

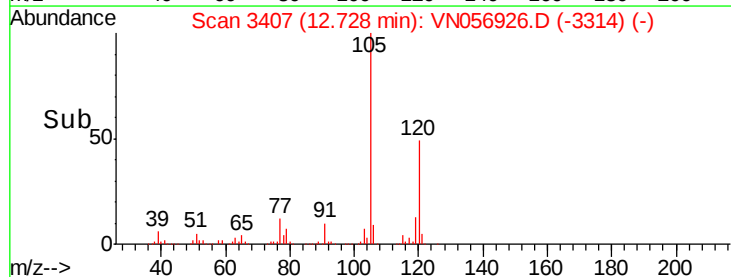
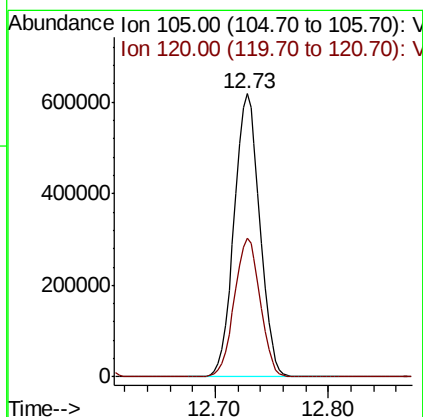
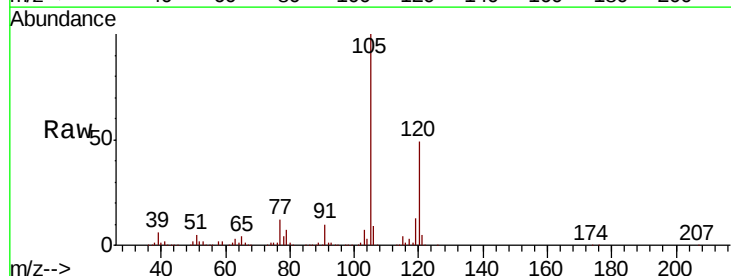
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

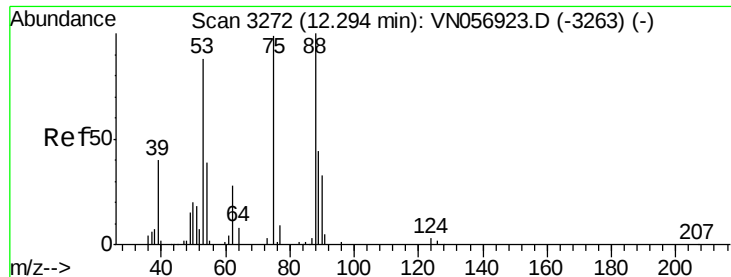
Tot Ion: 91 Resp: 762726
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.582 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion: 105 Resp: 976152
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.012 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

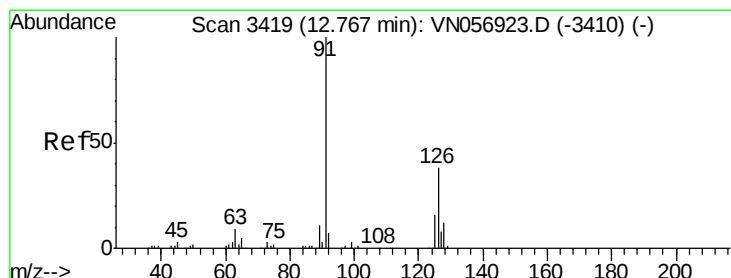
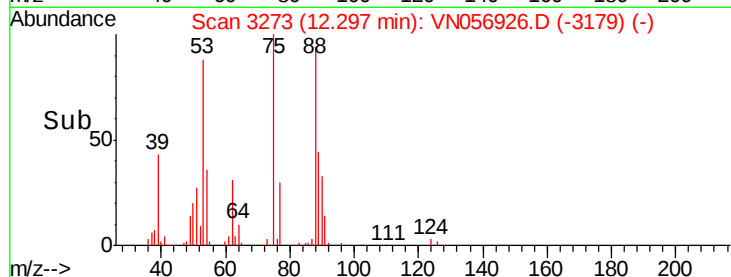
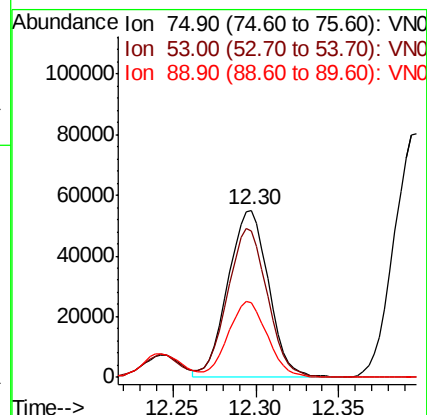
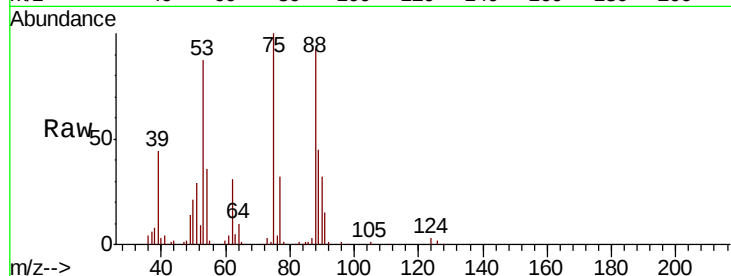
Tot Ion: 75 Resp: 94082

Ion Ratio Lower Upper

75 100

53 87.8 72.3 108.5

89 43.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 47.970 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN056926.D

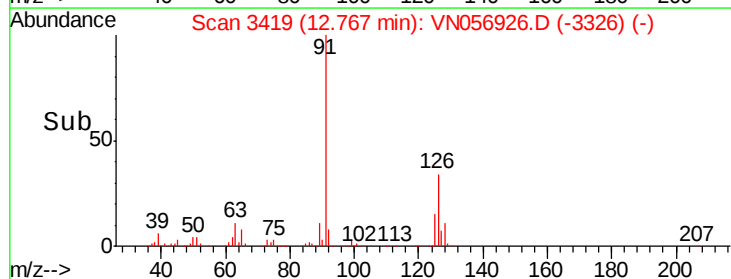
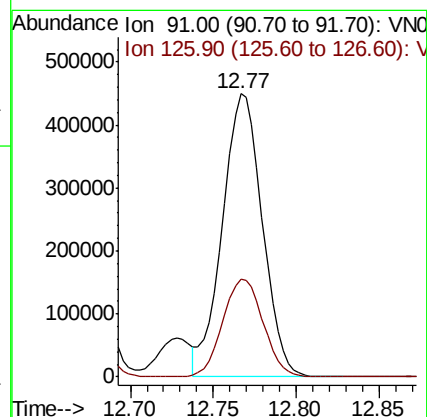
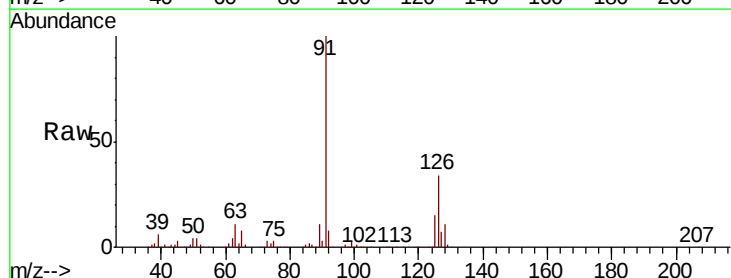
Acq: 25 Jul 2019 16:35

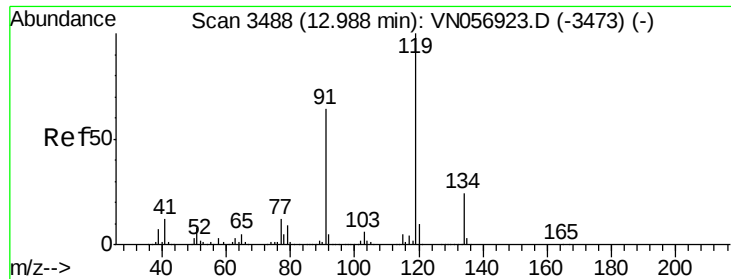
Tgt Ion: 91 Resp: 751490

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7

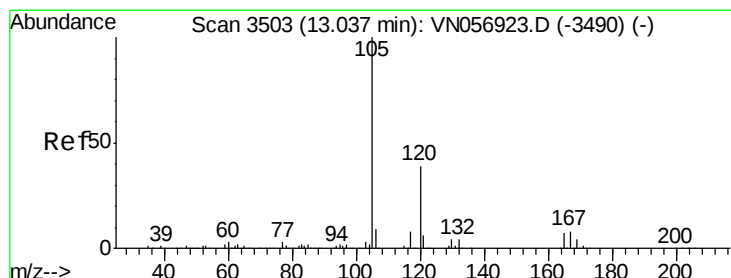
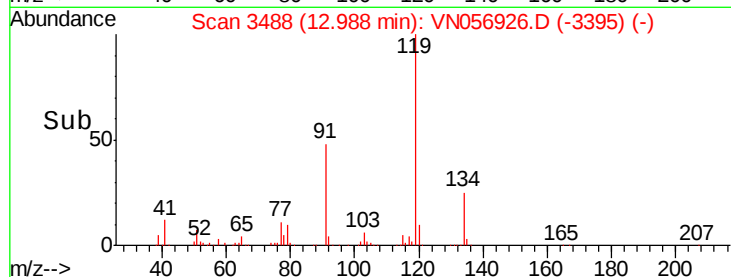
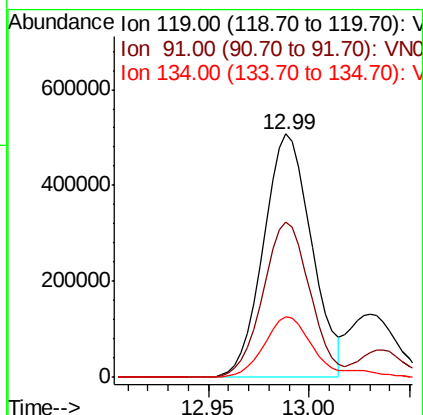
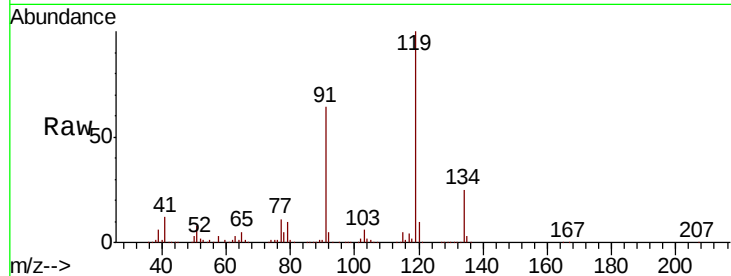




#83
 tert-Butylbenzene
 Concen: 51.816 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

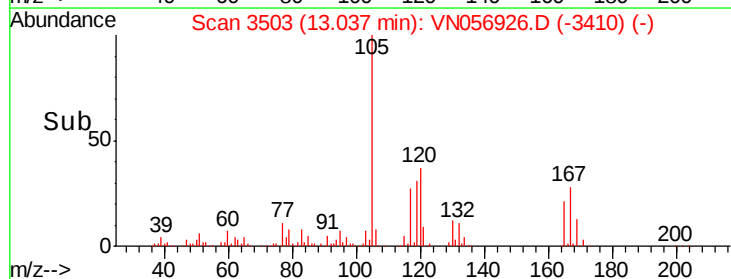
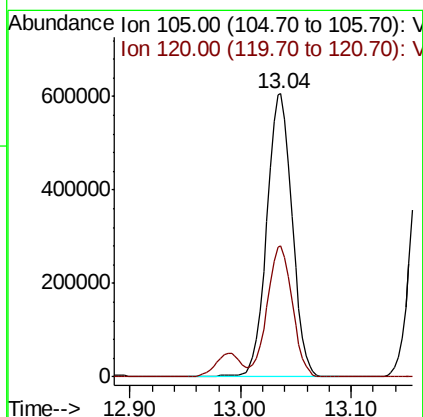
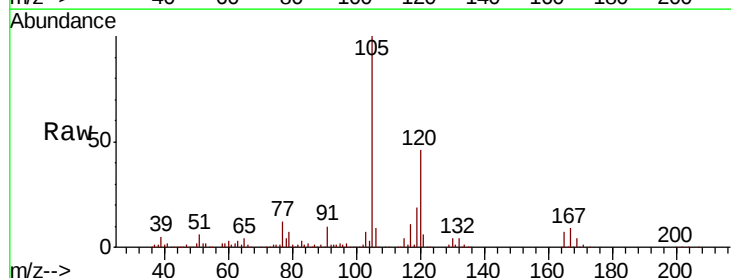
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

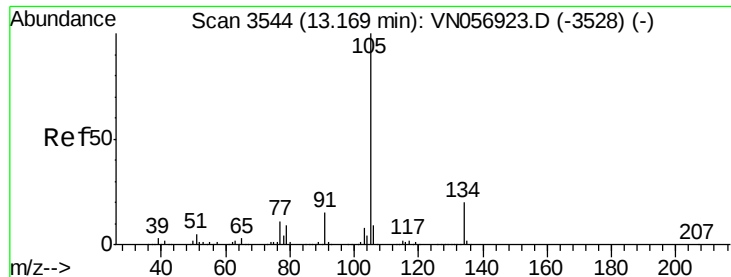
Tot Ion:119 Resp: 841003
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.6 95.0
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.540 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion:105 Resp: 964073
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 46.140 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

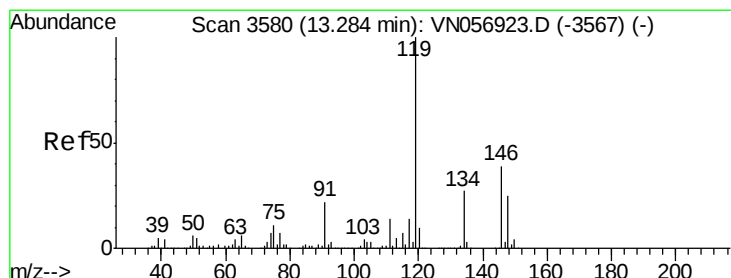
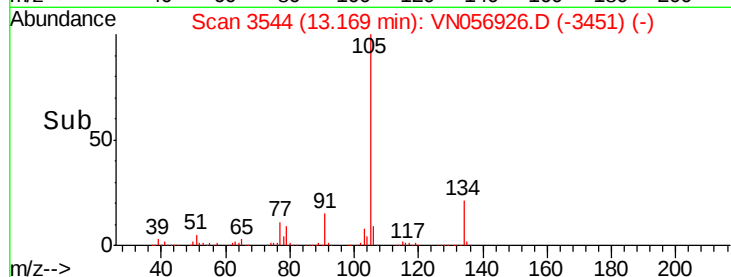
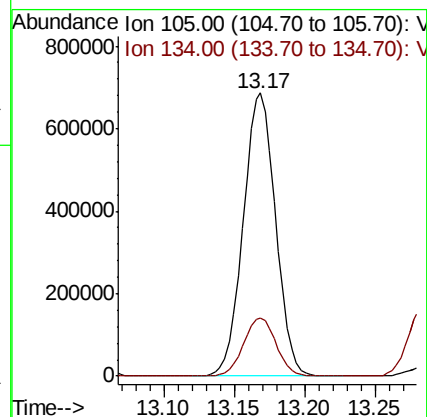
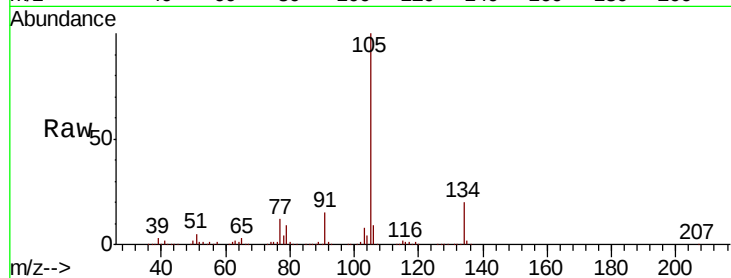
ICVVN072619

Tot Ion:105 Resp: 1100890

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 47.769 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

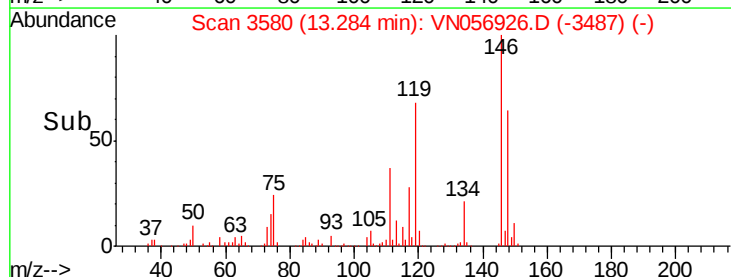
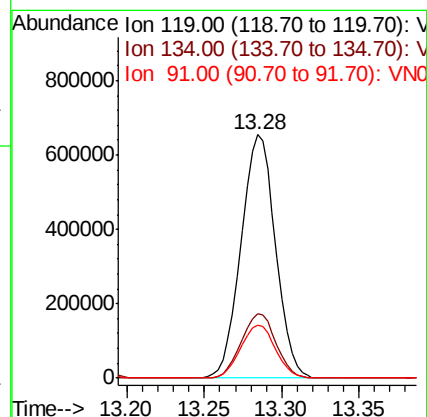
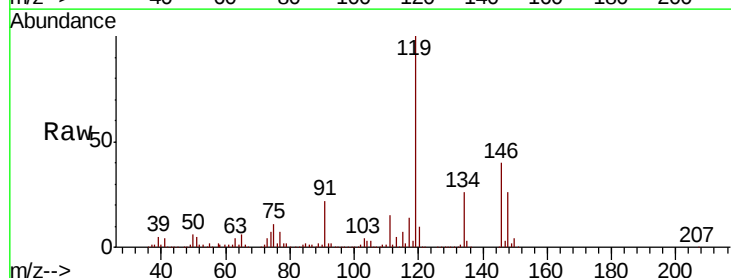
Tgt Ion:119 Resp: 1007142

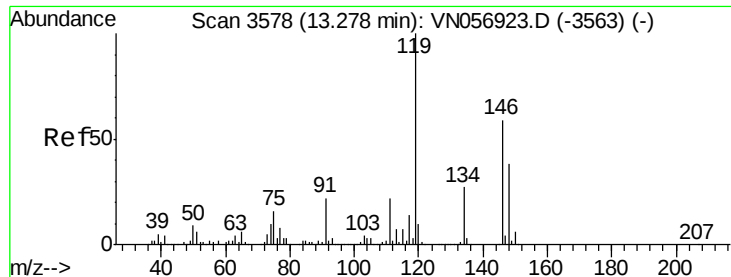
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.0 11.0 33.0

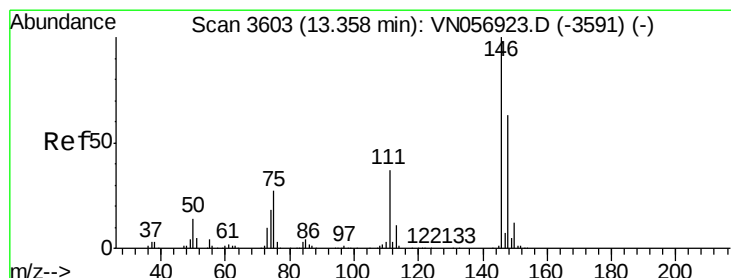
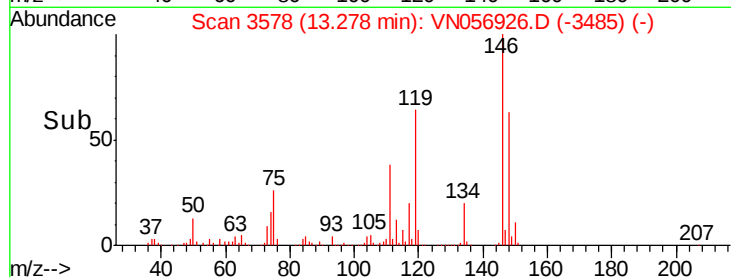
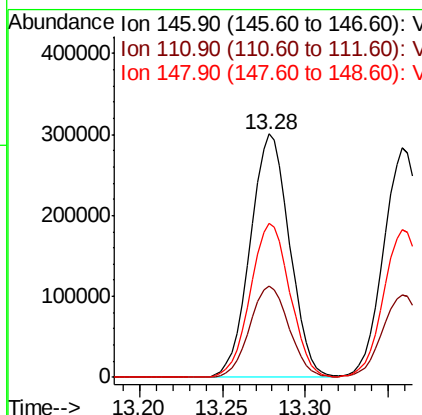
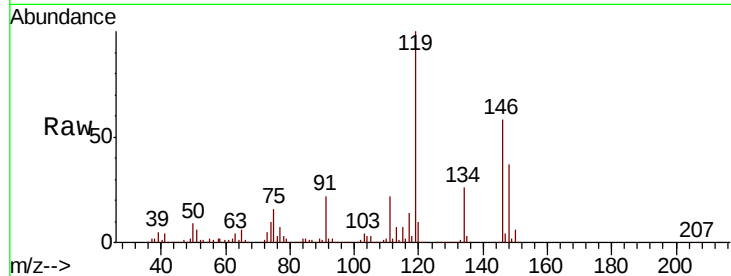




#87
 1,3-Dichlorobenzene
 Concen: 49.910 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

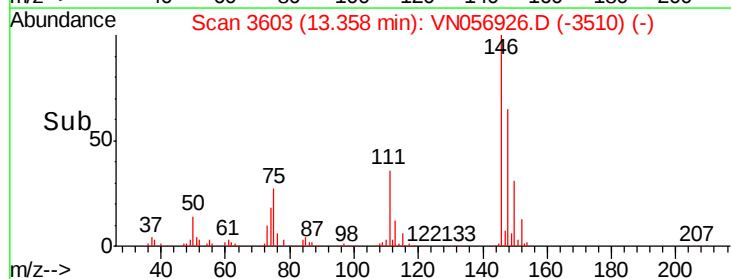
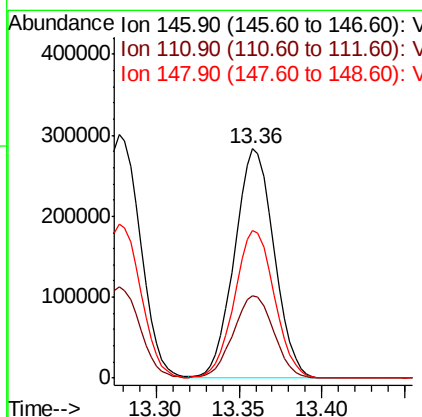
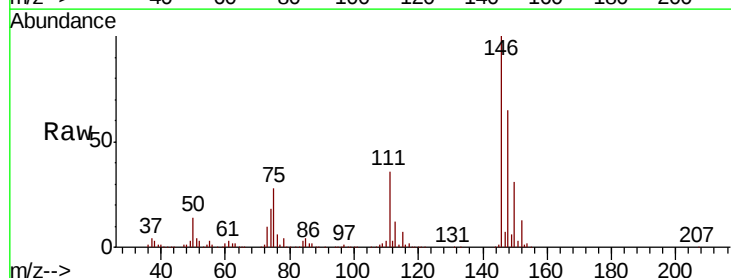
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072619

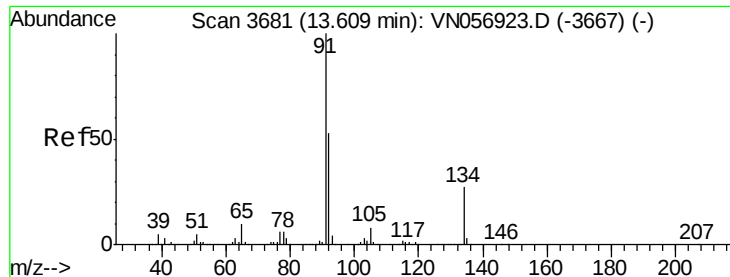
Tot Ion:146 Resp: 494870
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 63.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.474 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056926.D
 Acq: 25 Jul 2019 16:35

Tgt Ion:146 Resp: 469732
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 64.9 32.1 96.3





#89

n-Butylbenzene

Concen: 50.364 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

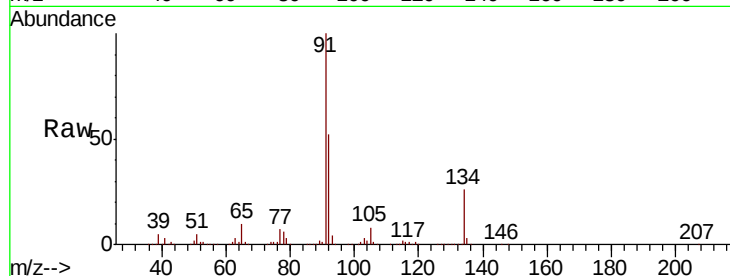
Tot Ion: 91 Resp: 820148

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

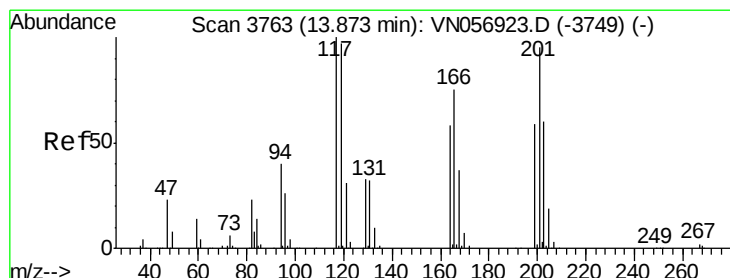
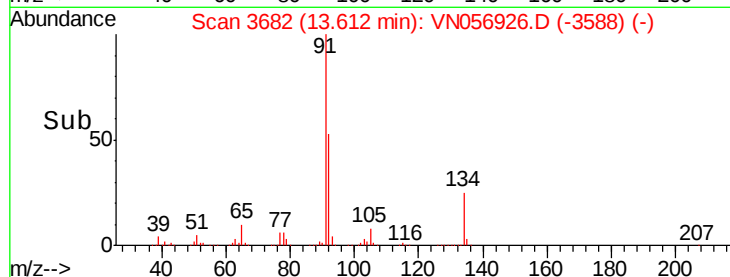
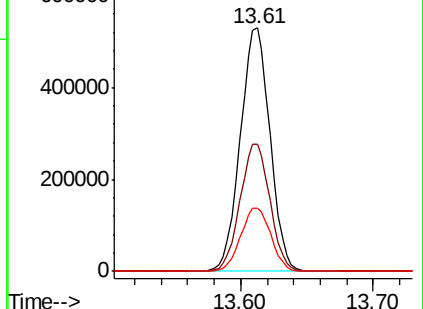
134 26.7 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN056926.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056926.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056926.D (-3669) (-)



#90

Hexachloroethane

Concen: 49.713 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056926.D

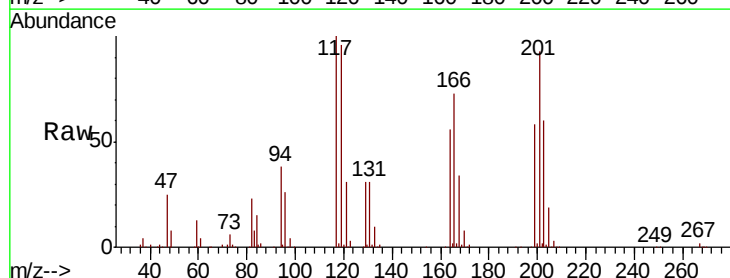
Acq: 25 Jul 2019 16:35

Tgt Ion: 117 Resp: 165218

Ion Ratio Lower Upper

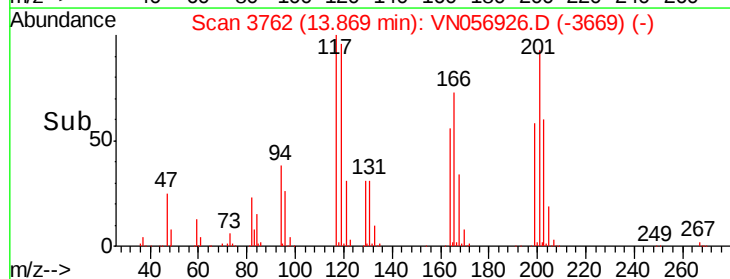
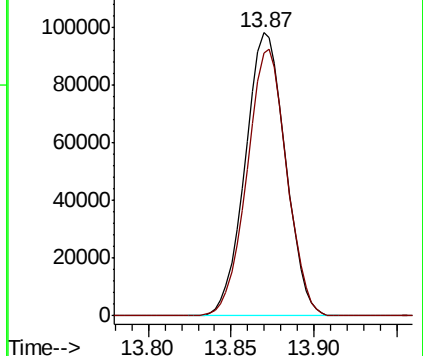
117 100

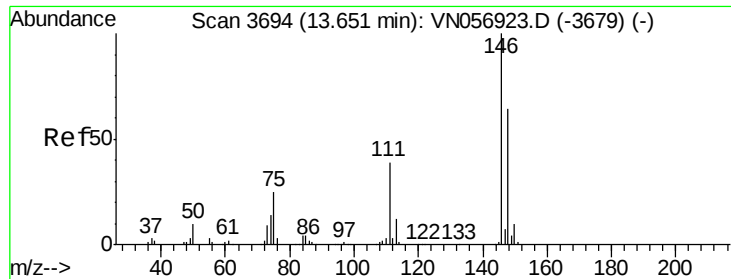
201 92.9 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN056926.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN056926.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 48.843 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

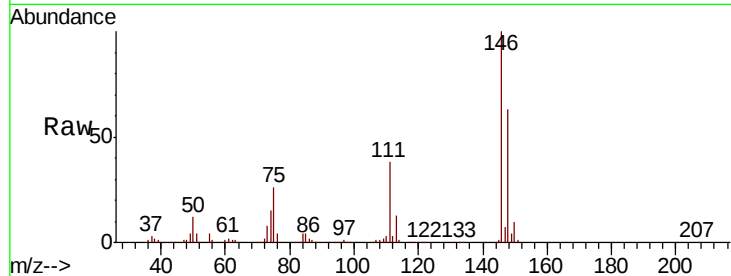
Tot Ion:146 Resp: 490543

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

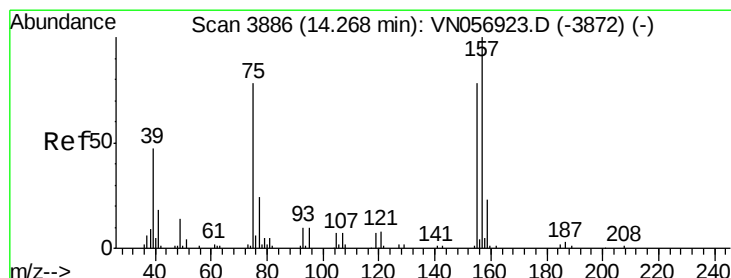
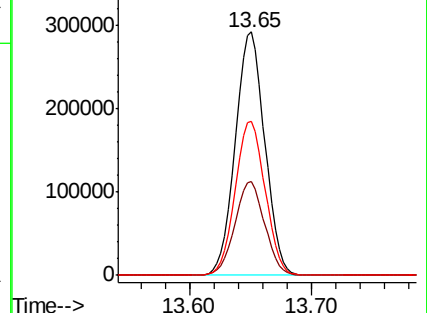
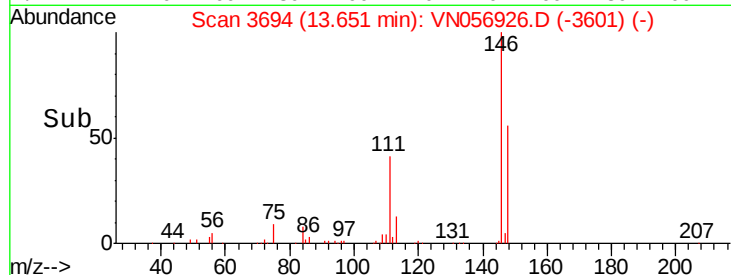
148 64.3 32.2 96.6



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: 51.076 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

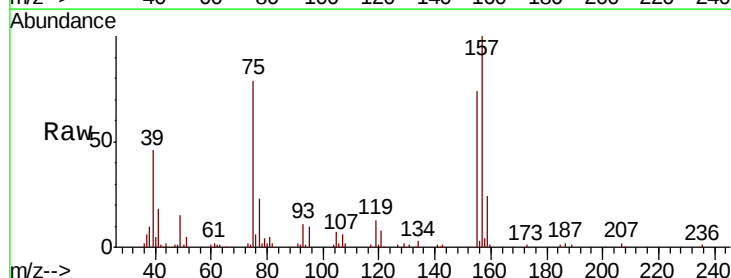
Tgt Ion: 75 Resp: 52085

Ion Ratio Lower Upper

75 100

155 96.5 47.3 141.9

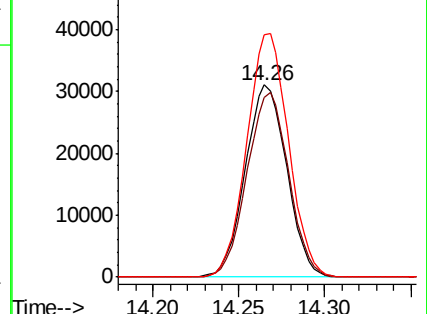
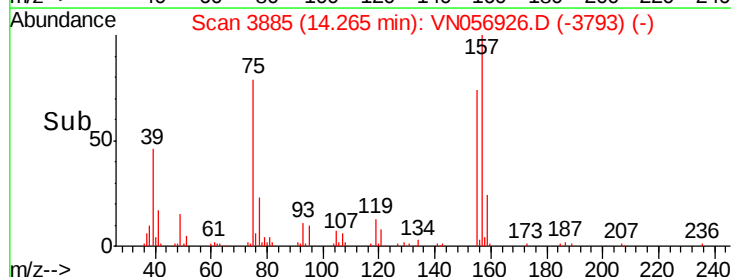
157 127.0 63.0 189.0

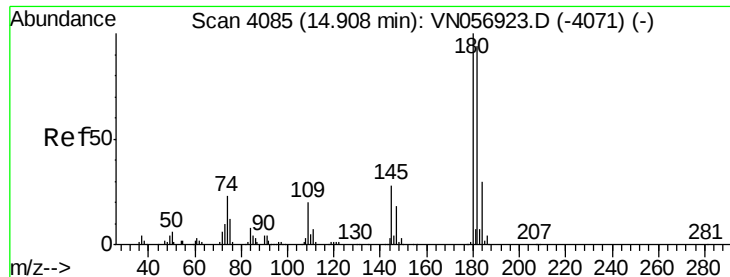


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.210 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072619

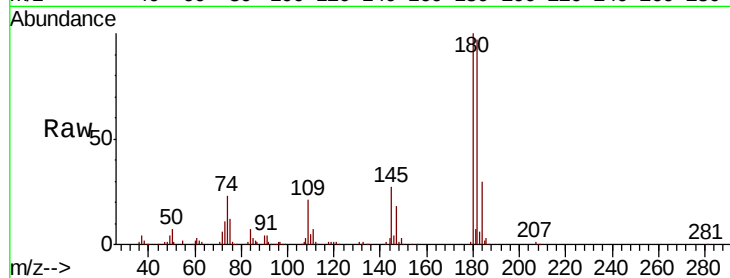
Tot Ion:180 Resp: 257104

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

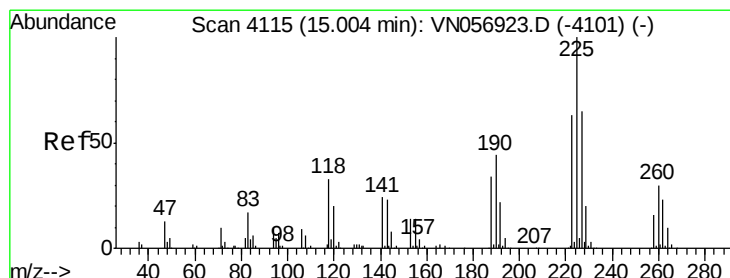
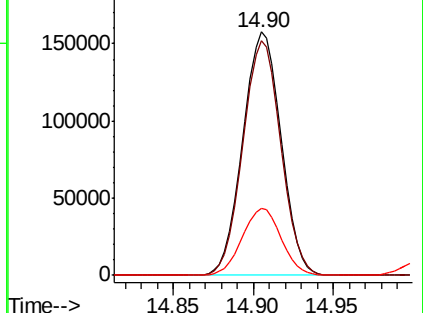
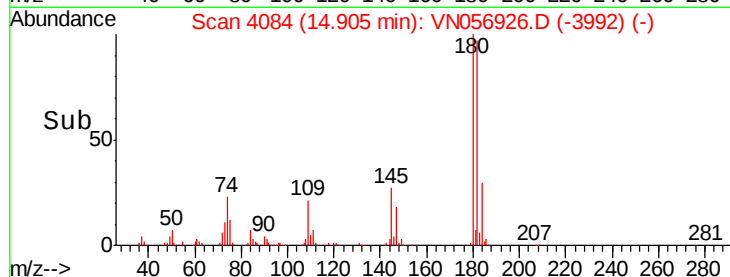
145 27.9 14.1 42.4



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: 52.280 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN056926.D

Acq: 25 Jul 2019 16:35

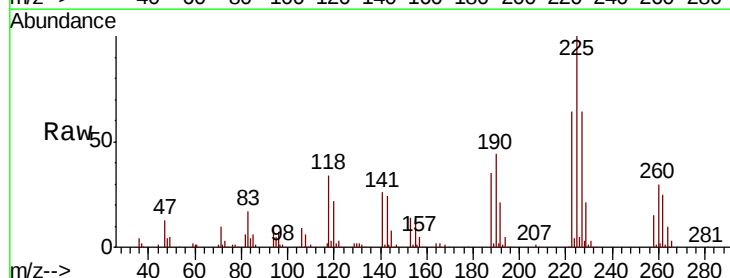
Tgt Ion:225 Resp: 177528

Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.9

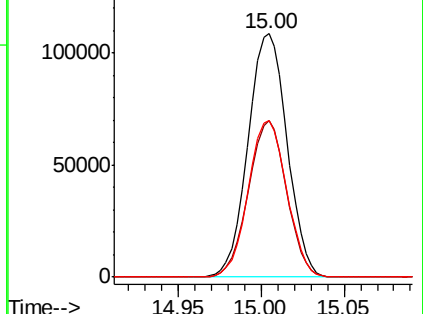
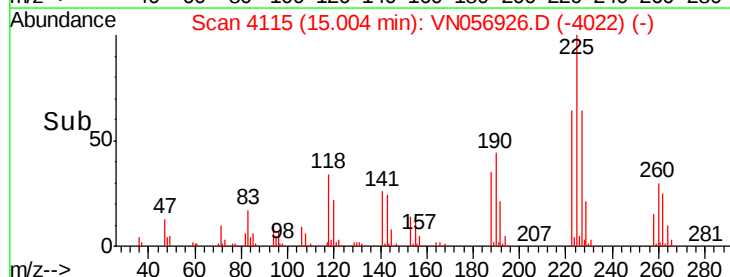
227 63.3 31.9 95.7

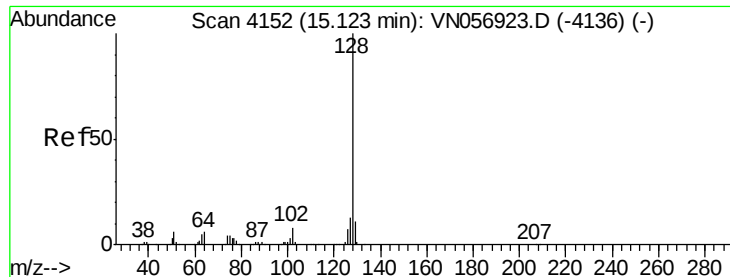


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

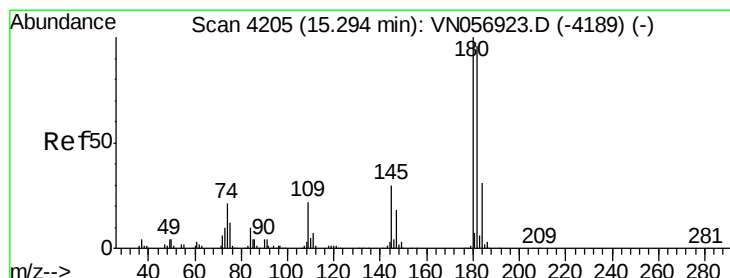
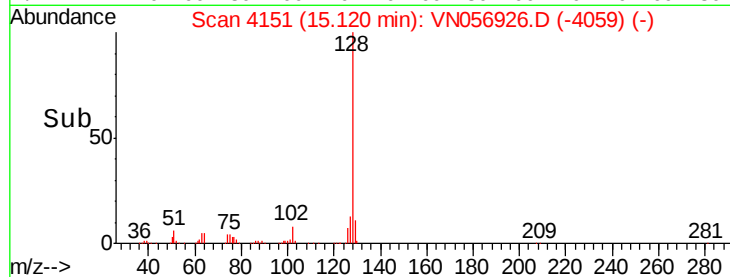
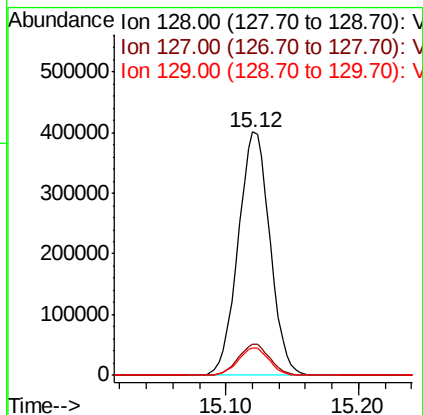
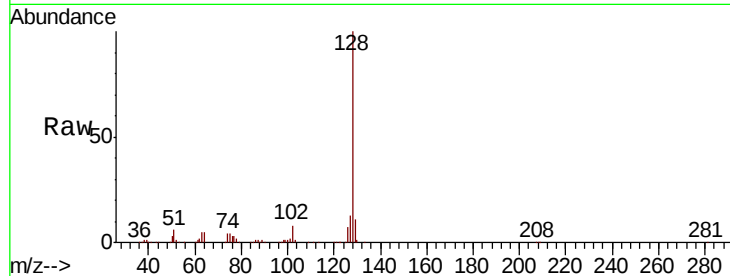




#95
Naphthalene
Concen: 49.464 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Instrument :
MSVOA_N
ClientSampled :
ICVVN072619

Tot Ion:128 Resp: 665779
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.743 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN056926.D
Acq: 25 Jul 2019 16:35

Tgt Ion:180 Resp: 276652
Ion Ratio Lower Upper
180 100
182 94.9 48.4 145.3
145 29.6 15.1 45.3

