

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056923.D
 Acq On : 25 Jul 2019 15:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 26 03:19:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 03:12:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	583067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	244230	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.57	113	223764	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.08	98	846285	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	277813	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	272711	56.290	ug/l	100
3) Chloromethane	2.05	50	299941	49.583	ug/l	100
4) Vinyl Chloride	2.17	62	280816	50.561	ug/l	100
5) Bromomethane	2.54	94	165015	48.585	ug/l	100
6) Chloroethane	2.68	64	154563	50.350	ug/l	100
7) Trichlorofluoromethane	3.00	101	368265	53.155	ug/l	100
8) Diethyl Ether	3.39	74	138836	53.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	221606	51.980	ug/l	100
10) Methyl Iodide	3.93	142	339058	59.379	ug/l	100
11) Tert butyl alcohol	4.77	59	164146	250.517	ug/l	100
12) 1,1-Dichloroethene	3.72	96	217779	51.150	ug/l	100
13) Acrolein	3.59	56	87332	173.149	ug/l	100
14) Allyl chloride	4.30	41	356721	51.055	ug/l	100
15) Acrylonitrile	4.96	53	515071	259.441	ug/l	100
16) Acetone	3.80	43	432462	254.065	ug/l	100
17) Carbon Disulfide	4.03	76	583808	50.494	ug/l	100
18) Methyl Acetate	4.30	43	273620	41.665	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	648817	51.679	ug/l	100
20) Methylene Chloride	4.53	84	247359	49.295	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	230860	51.891	ug/l	100
22) Diisopropyl ether	5.93	45	733093	51.928	ug/l	100
23) Vinyl Acetate	5.87	43	2605542	257.059	ug/l	100
24) 1,1-Dichloroethane	5.83	63	422343	51.547	ug/l	100
25) 2-Butanone	6.82	43	652149	263.488	ug/l	100
26) 2,2-Dichloropropane	6.81	77	317611	54.591	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	268167	52.434	ug/l	100
28) Bromochloromethane	7.18	49	195381	52.417	ug/l	100
29) Tetrahydrofuran	7.19	42	425858	252.873	ug/l	100
30) Chloroform	7.36	83	417694	50.746	ug/l	100
31) Cyclohexane	7.64	56	396531	50.044	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	348829	52.389	ug/l	100
36) 1,1-Dichloropropene	7.78	75	311776	52.410	ug/l	100
37) Ethyl Acetate	6.91	43	257789	54.131	ug/l	100
38) Carbon Tetrachloride	7.76	117	300557	52.908	ug/l	100

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

39) Methylcyclohexane	9.07	83	399608	53.461	ug/l	100
40) Benzene	8.03	78	976776	52.732	ug/l	100
41) Methacrylonitrile	7.19	41	374246	162.753	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	302719	52.308	ug/l	100
43) Isopropyl Acetate	8.15	43	423619	51.555	ug/l	100
44) Trichloroethene	8.82	130	270160	54.147	ug/l	100
45) 1,2-Dichloropropane	9.11	63	262724	52.520	ug/l	100
46) Dibromomethane	9.20	93	162403	52.601	ug/l	100
47) Bromodichloromethane	9.39	83	316680	54.412	ug/l	100
48) Methyl methacrylate	9.19	41	211989	51.716	ug/l	100
49) 1,4-Dioxane	9.19	88	88480	1092.399	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1276789	261.119	ug/l	100
52) Toluene	10.15	92	605810	54.268	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	328101	55.176	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	386344	54.953	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	233555	52.693	ug/l	100
56) Ethyl methacrylate	10.42	69	333194	54.457	ug/l	100
57) 1,3-Dichloropropane	10.70	76	390887	53.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	689948	270.666	ug/l	100
59) 2-Hexanone	10.74	43	912484	268.780	ug/l	100
60) Dibromochloromethane	10.89	129	245964	55.278	ug/l	100
61) 1,2-Dibromoethane	11.00	107	241128	54.896	ug/l	100
64) Tetrachloroethene	10.62	164	278310	54.793	ug/l	100
65) Chlorobenzene	11.43	112	644401	52.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	240752	52.404	ug/l	100
67) Ethyl Benzene	11.50	91	1145055	54.416	ug/l	100
68) m/p-Xylenes	11.61	106	864134	109.660	ug/l	100
69) o-Xylene	11.94	106	416172	54.226	ug/l	100
70) Styrene	11.96	104	694386	56.736	ug/l	100
71) Bromoform	12.12	173	170625	53.948	ug/l #	100
73) Isopropylbenzene	12.24	105	1112605	50.190	ug/l	100
74) N-amyl acetate	12.06	43	343823	46.855	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	302468	46.432	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	368880	69.595	ug/l #	100
77) Bromobenzene	12.52	156	286338	51.773	ug/l	100
78) n-propylbenzene	12.59	91	1228705	52.541	ug/l	100
79) 2-Chlorotoluene	12.67	91	728552	49.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	929997	50.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	85527	52.508	ug/l	100
82) 4-Chlorotoluene	12.77	91	718462	51.768	ug/l	100
83) tert-Butylbenzene	12.99	119	795627	49.192	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	914706	51.965	ug/l	100
85) sec-Butylbenzene	13.17	105	1061586	51.292	ug/l	100
86) p-Isopropyltoluene	13.28	119	961804	52.085	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	465225	52.379	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	441359	51.369	ug/l	100
89) n-Butylbenzene	13.61	91	770065	54.403	ug/l	100
90) Hexachloroethane	13.87	117	154559	48.398	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	458957	51.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47016	48.768	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jul 26 03:12:32 2019
Response via : Initial Calibration

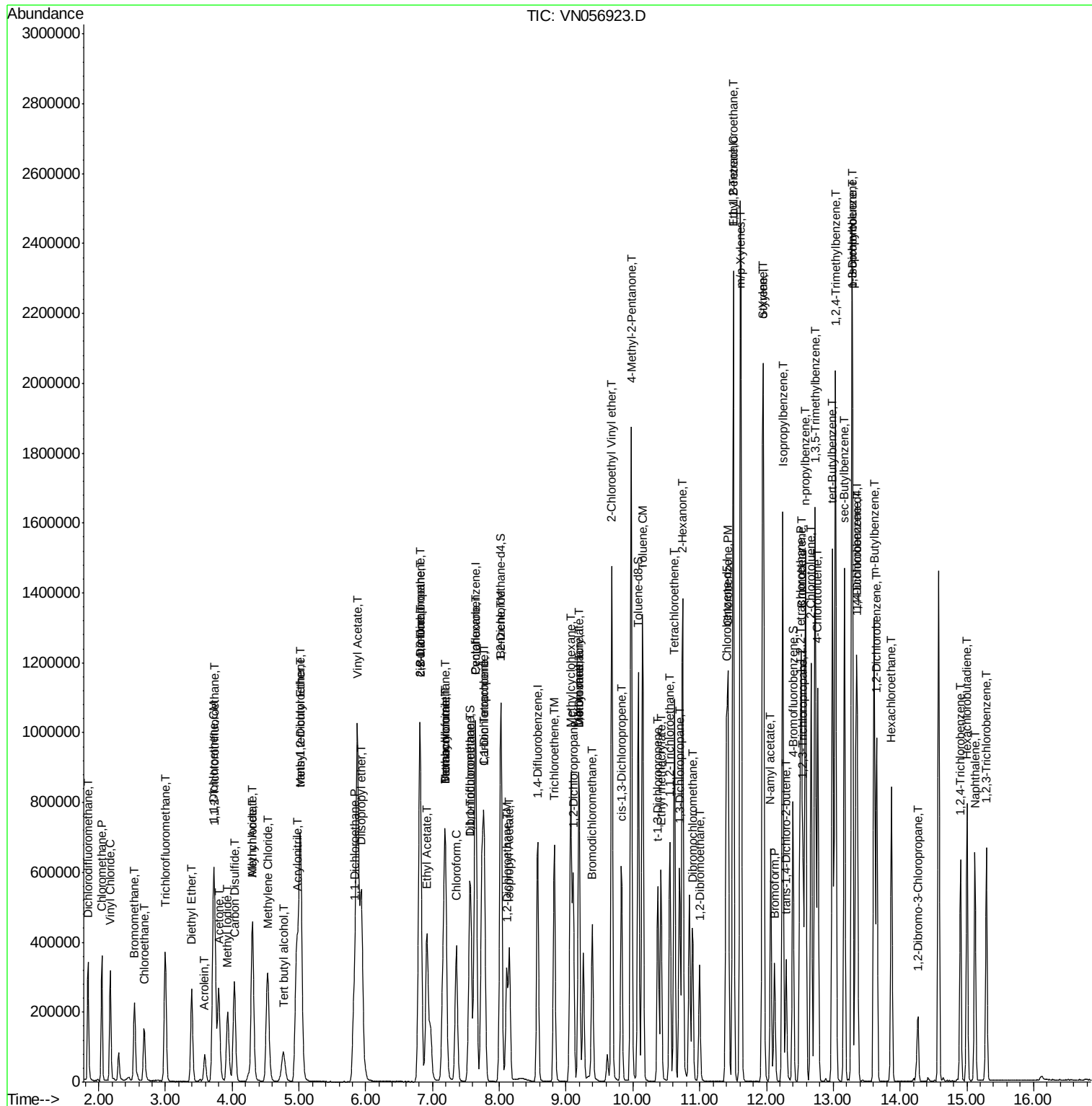
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217314	56.751	ug/l	100
94) Hexachlorobutadiene	15.00	225	168554	48.147	ug/l	100
95) Naphthalene	15.12	128	561133	55.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	234230	55.347	ug/l	100

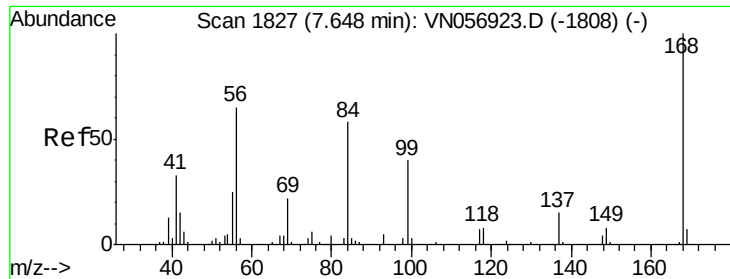
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

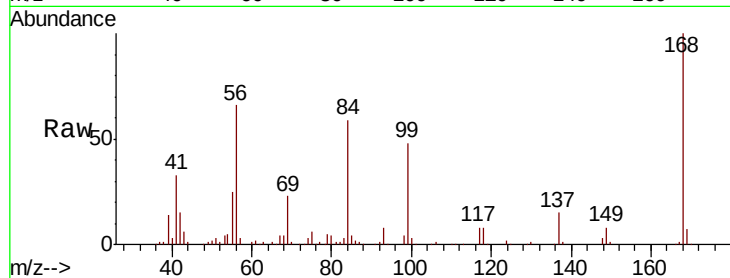
VSTDICCC050

Tot Ion:168 Resp: 438966

Ion Ratio Lower Upper

168 100

99 48.3 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

200000

150000

100000

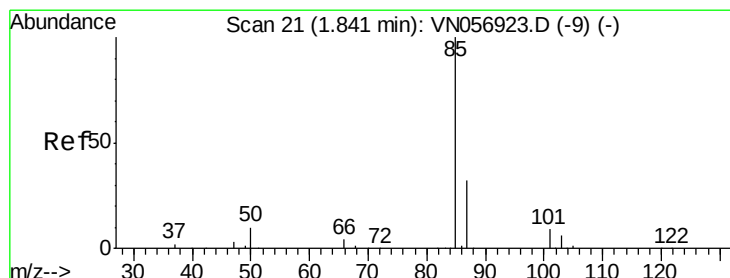
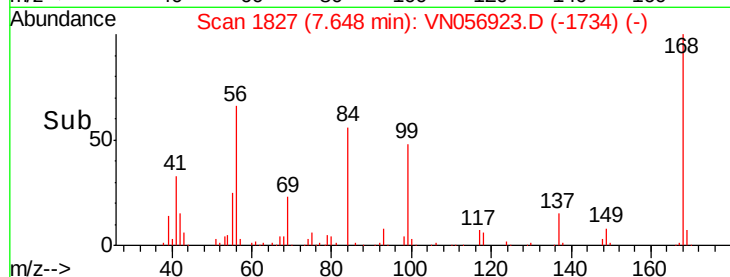
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 56.290 ug/l

RT: 1.84 min Scan# 21

Delta R.T. 0.00 min

Lab File: VN056923.D

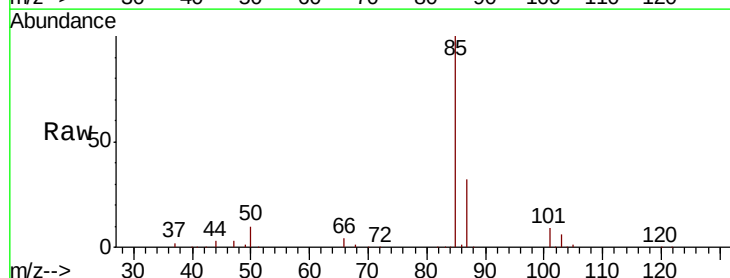
Acq: 25 Jul 2019 15:25

Tgt Ion: 85 Resp: 272711

Ion Ratio Lower Upper

85 100

87 32.3 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

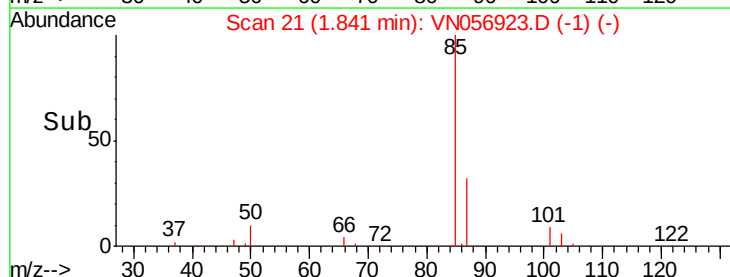
1.80

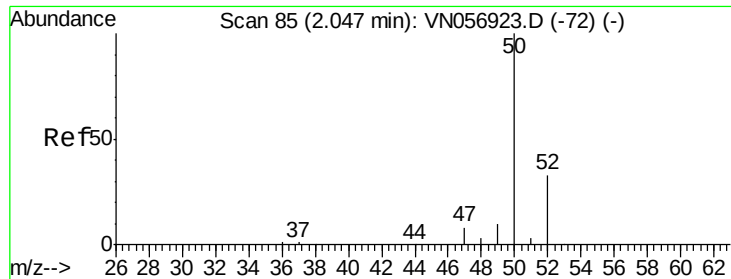
1.85

1.90

1.95

Time-->

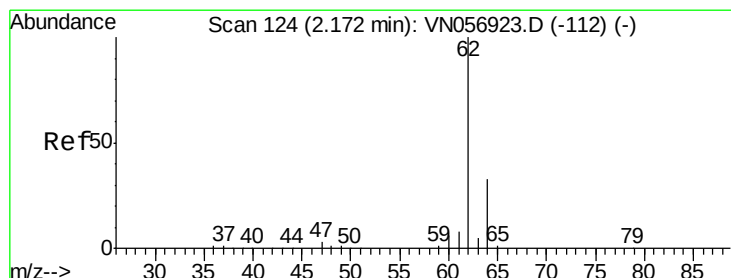
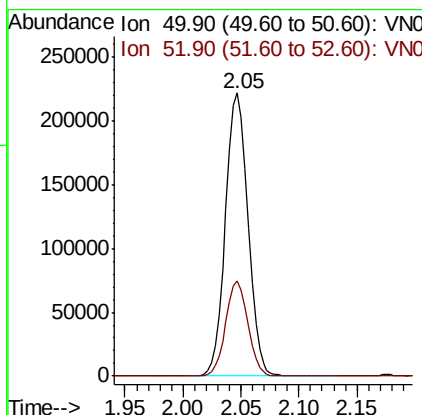
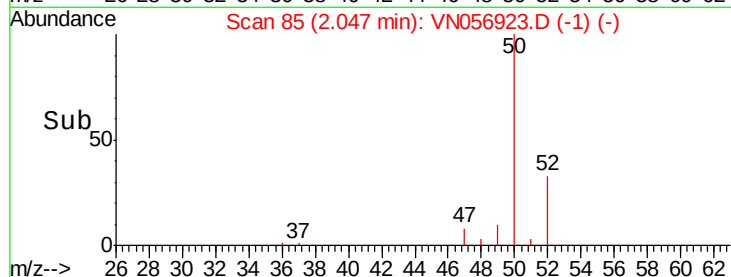
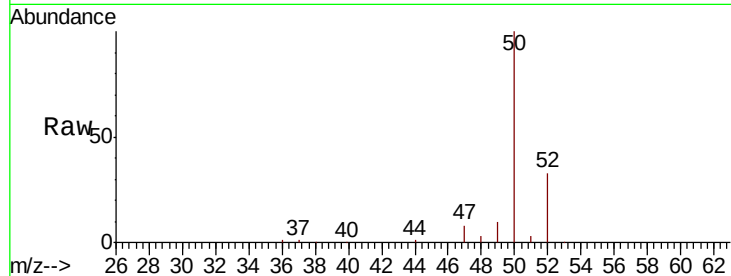




#3
 Chloromethane
 Concen: 49.583 ug/l
 RT: 2.05 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

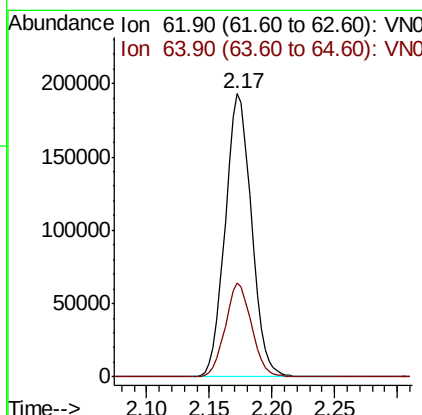
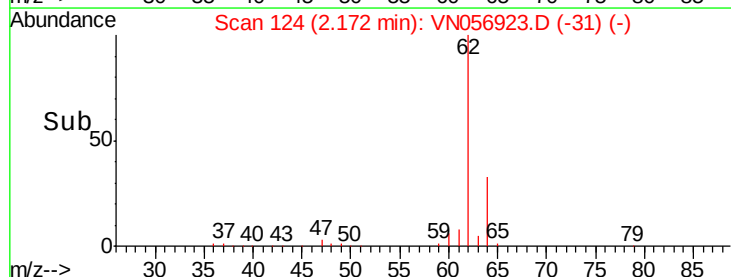
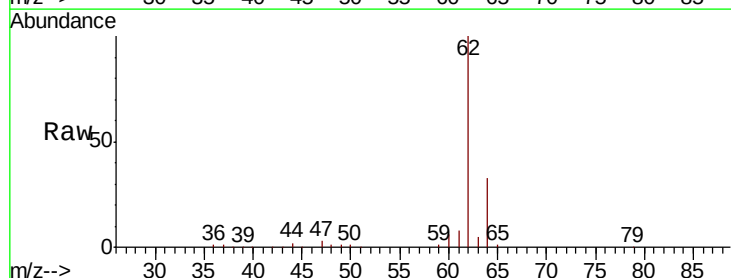
Instrument :
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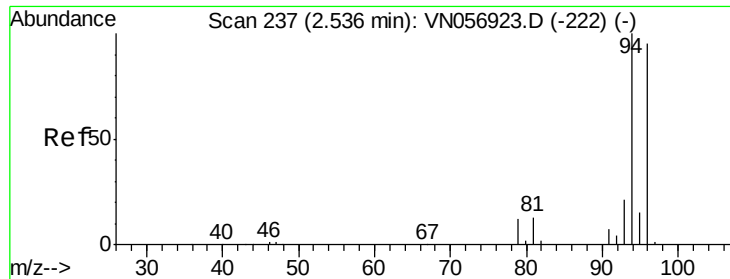
Tot Ion: 50 Resp: 299941
 Ion Ratio Lower Upper
 50 100
 52 33.5 26.8 40.2



#4
 Vinyl Chloride
 Concen: 50.561 ug/l
 RT: 2.17 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 62 Resp: 280816
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.4 39.6

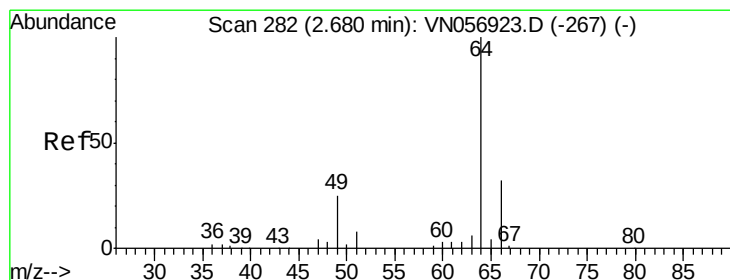
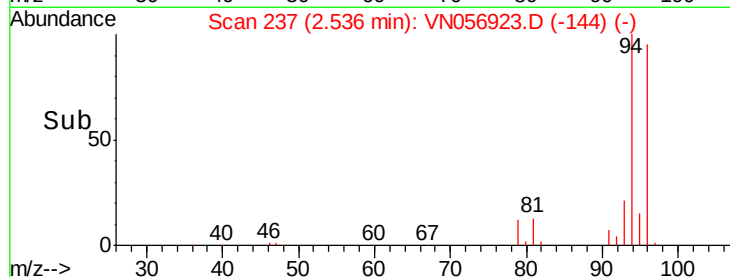
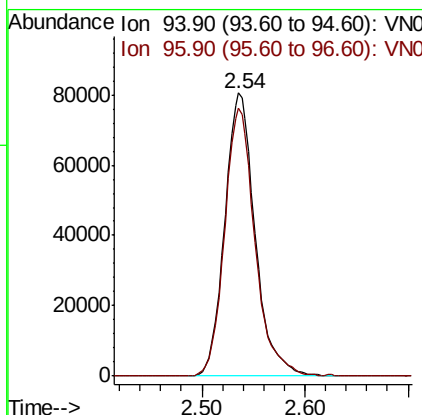
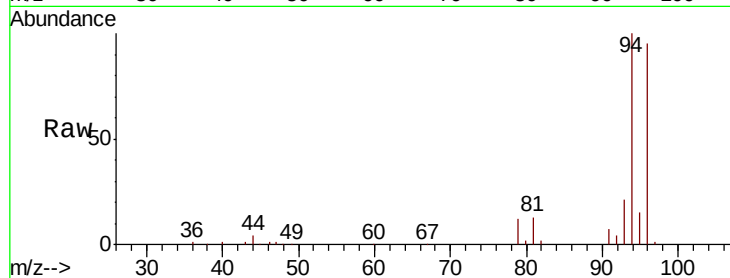




#5
Bromomethane
Concen: 48.585 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

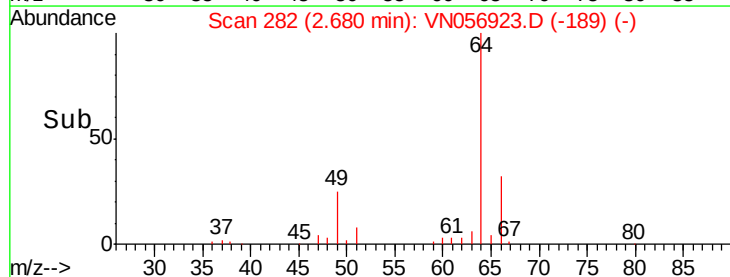
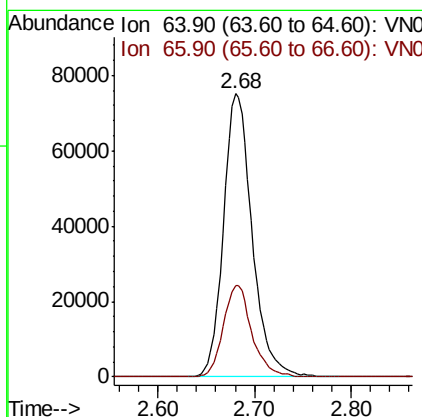
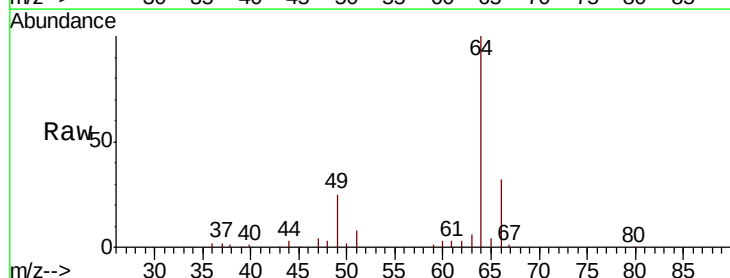
Instrument :
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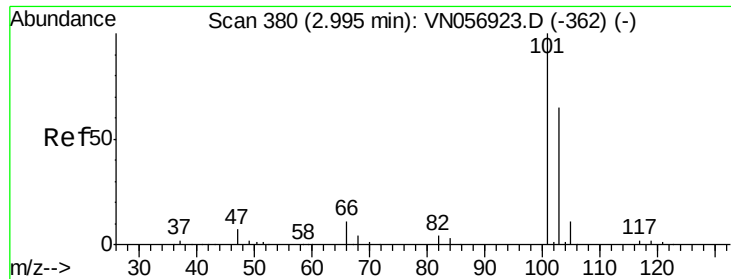
Tot Ion: 94 Resp: 165015
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5



#6
Chloroethane
Concen: 50.350 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 64 Resp: 154563
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6



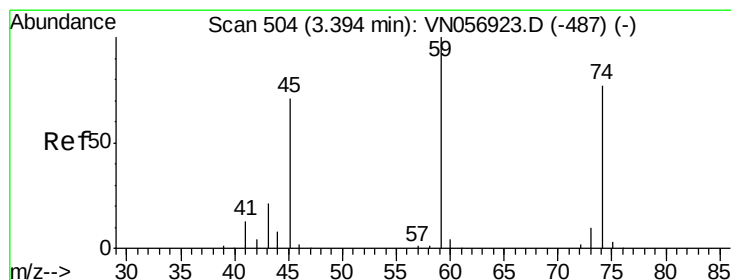
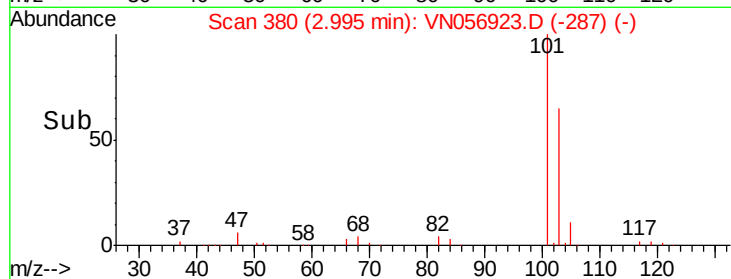
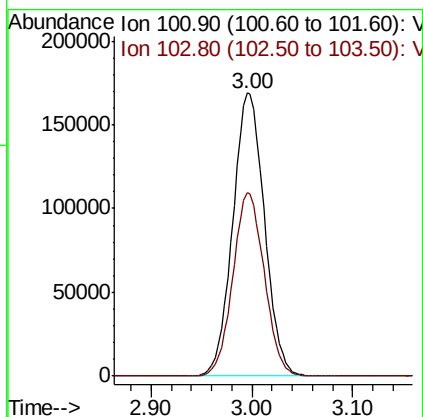
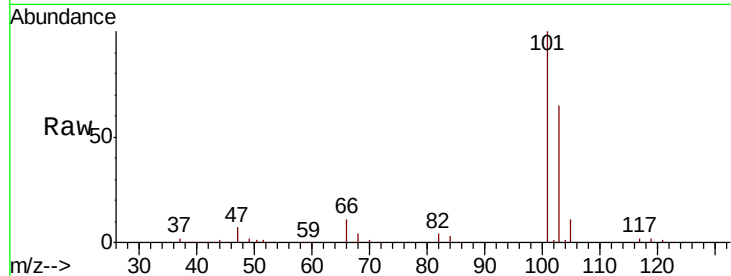


#7

Trichlorofluoromethane
Concen: 53.155 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

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VSTDICCC050

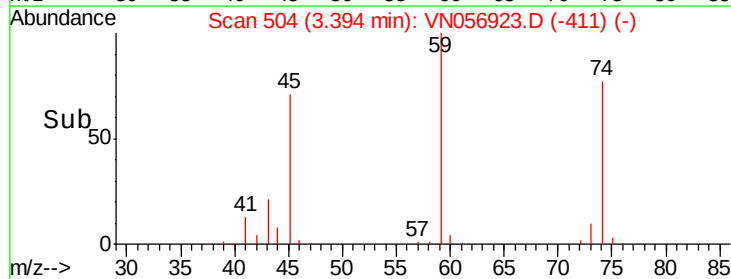
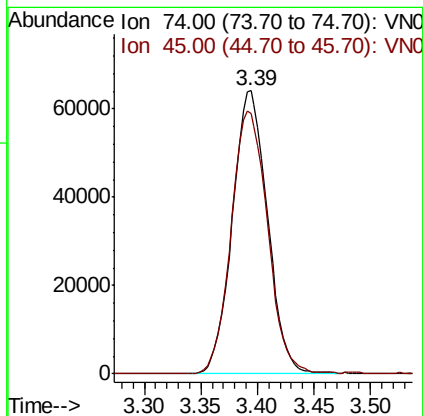
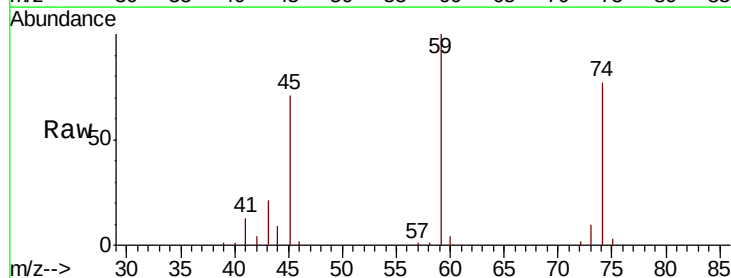
Tot Ion:101 Resp: 368265
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

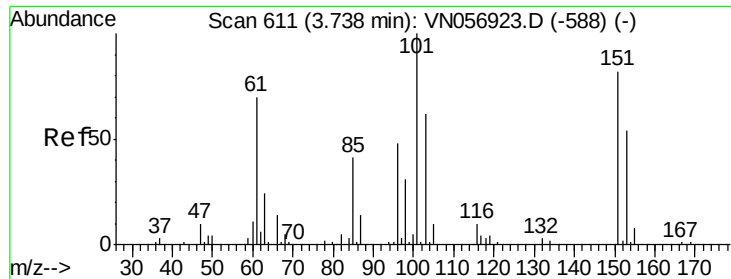


#8

Diethyl Ether
Concen: 53.548 ug/l
RT: 3.39 min Scan# 504
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 74 Resp: 138836
Ion Ratio Lower Upper
74 100
45 96.3 48.1 144.4

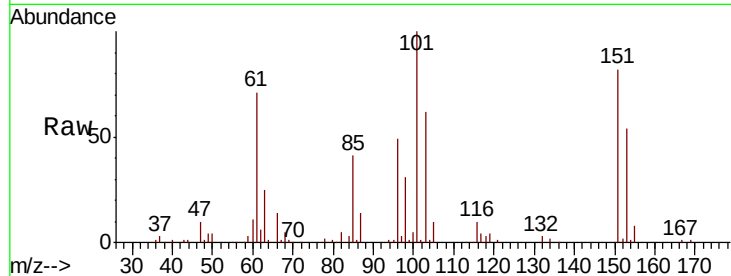




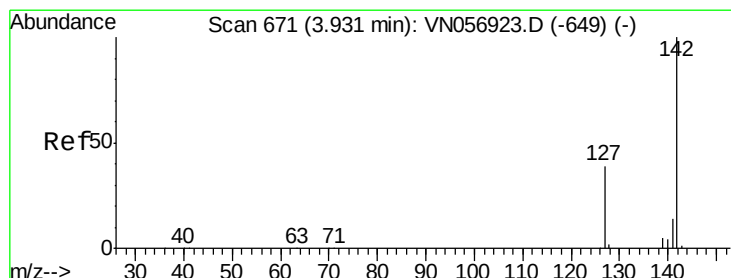
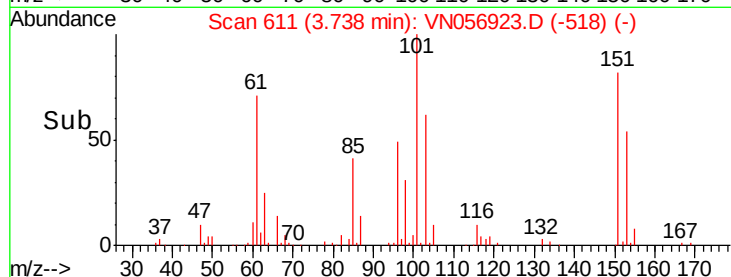
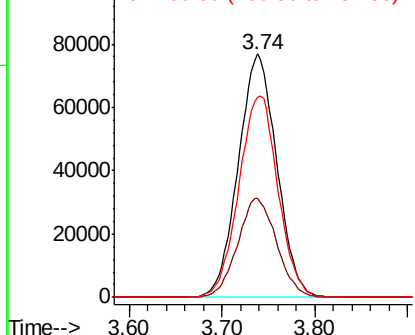
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.980 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN056923.D
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Instrument :
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 ClientSampleId :
 VSTDICCC050

Tot Ion:101 Resp: 221606
 Ion Ratio Lower Upper
 101 100
 85 40.9 32.7 49.1
 151 84.2 67.4 101.0

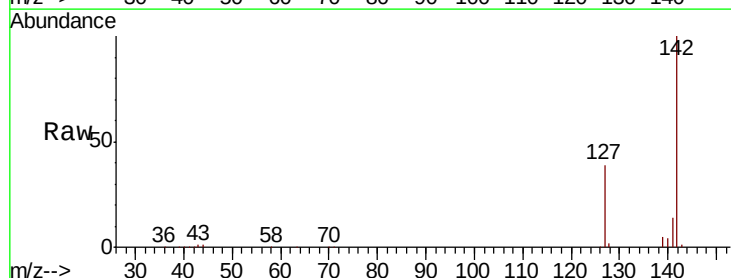


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

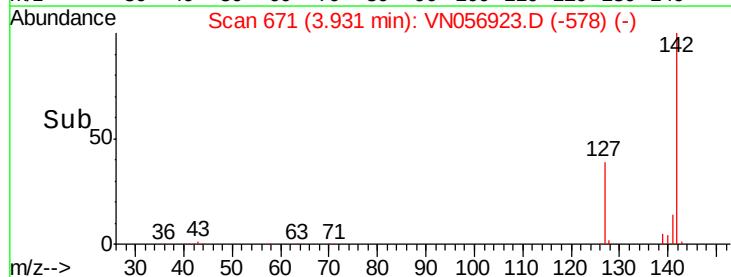
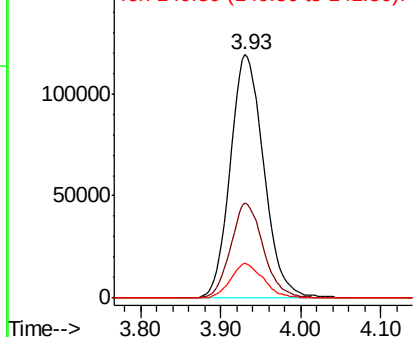


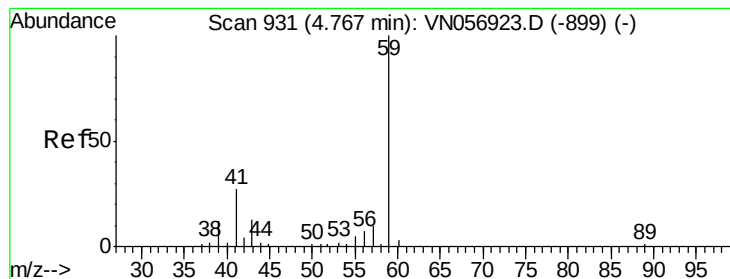
#10
 Methyl Iodide
 Concen: 59.379 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion:142 Resp: 339058
 Ion Ratio Lower Upper
 142 100
 127 38.1 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



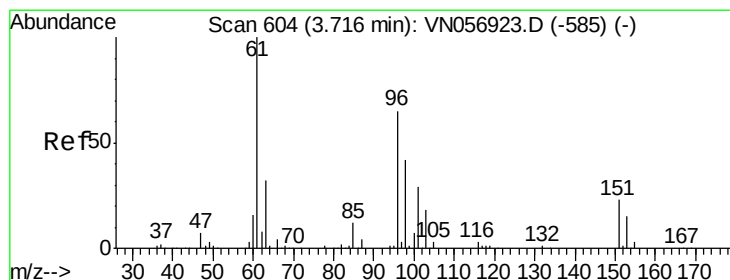
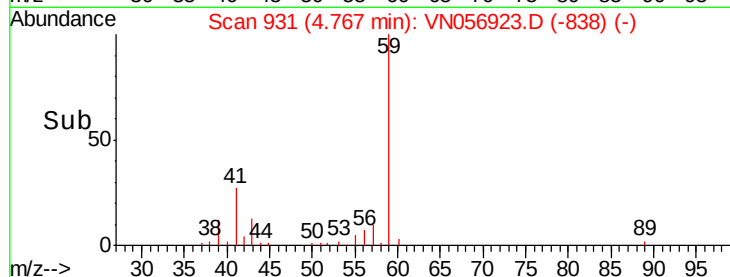
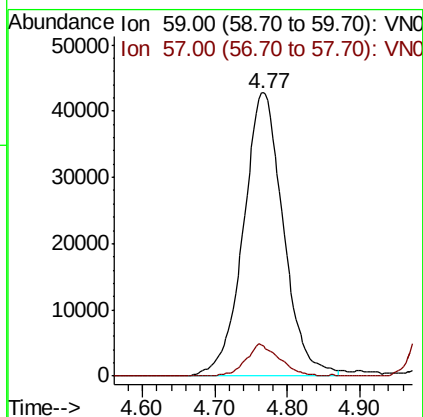
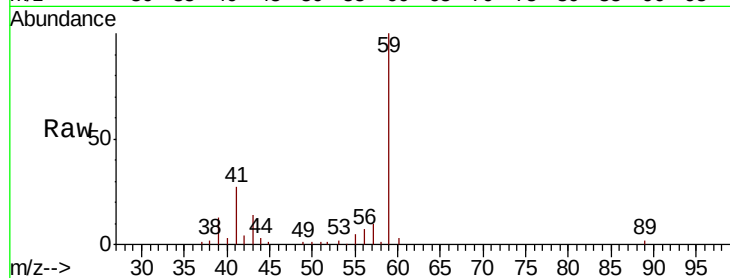


#11

Tert butyl alcohol
 Concen: 250.517 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

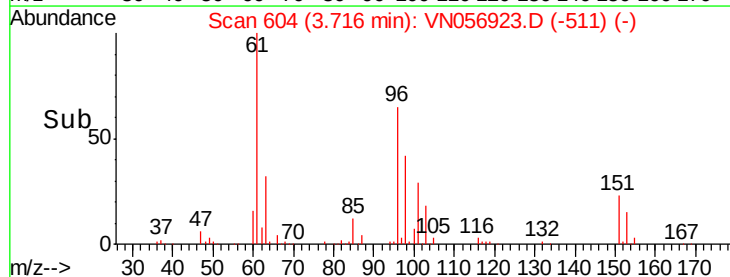
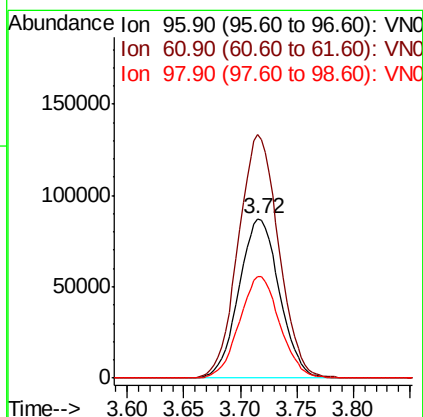
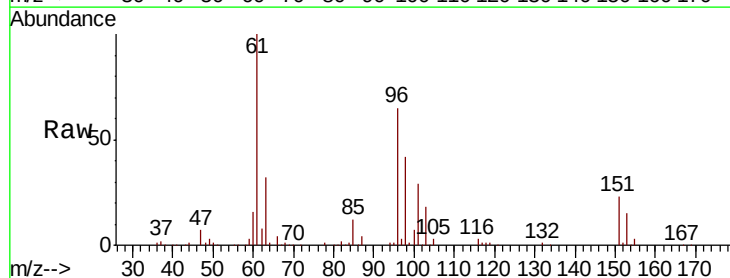
Tot Ion: 59 Resp: 164146
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.6 11.4

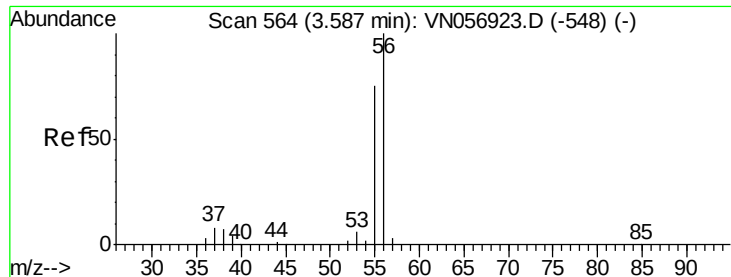


#12

1,1-Dichloroethene
 Concen: 51.150 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 96 Resp: 217779
 Ion Ratio Lower Upper
 96 100
 61 153.0 122.4 183.6
 98 64.1 51.3 76.9

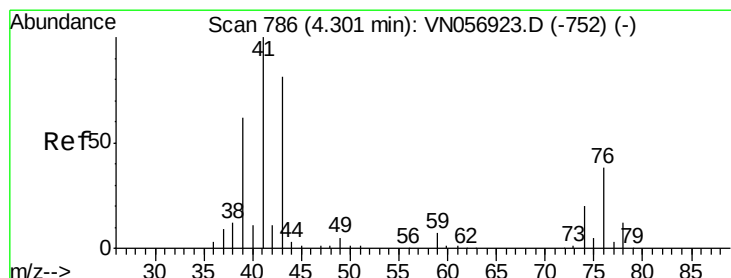
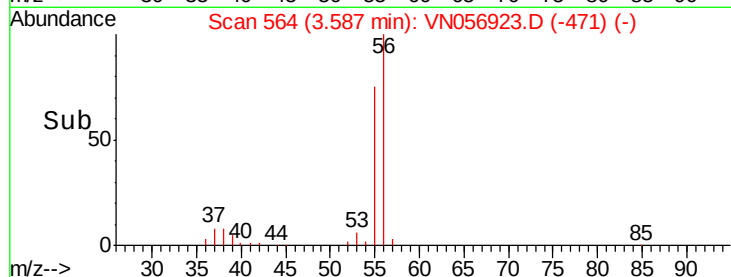
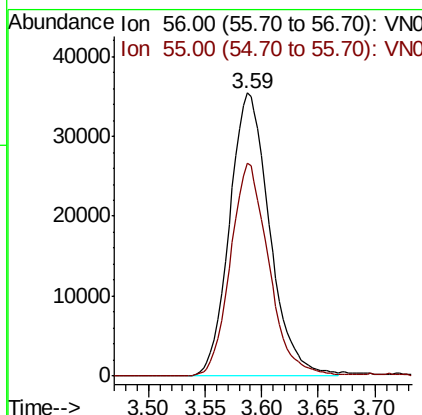
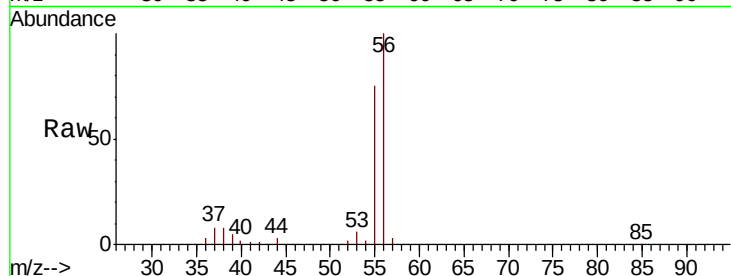




#13
 Acrolein
 Concen: 173.149 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

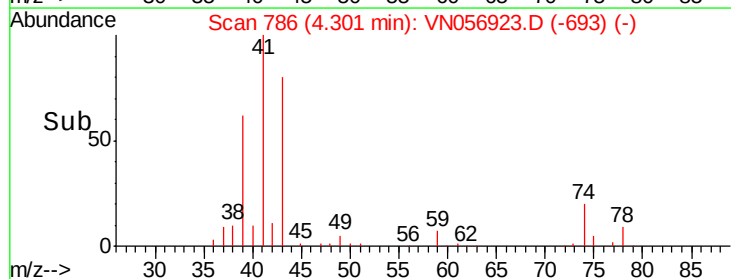
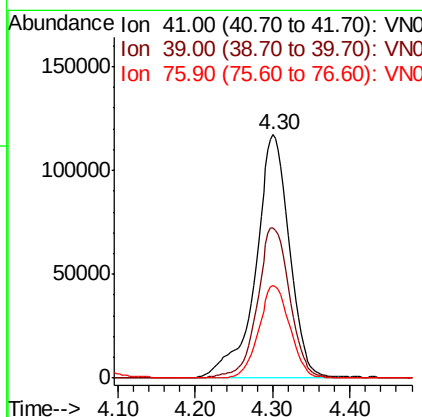
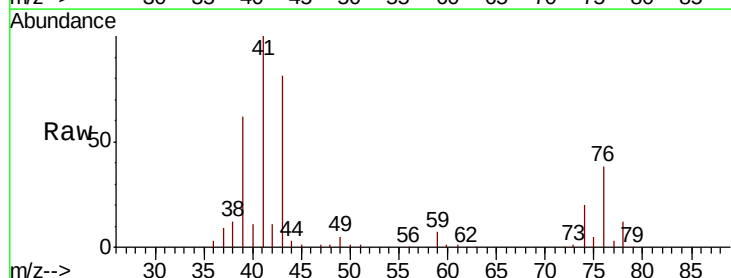
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

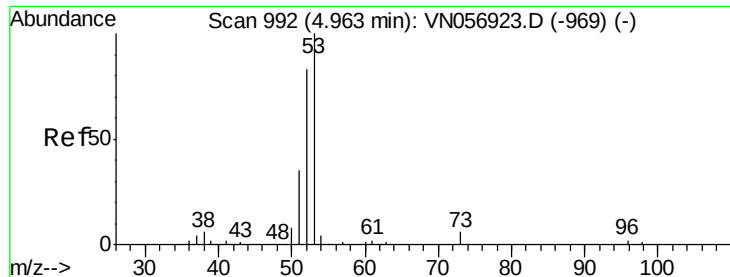
Tot Ion: 56 Resp: 87332
 Ion Ratio Lower Upper
 56 100
 55 71.9 57.5 86.3



#14
 Allyl chloride
 Concen: 51.055 ug/l
 RT: 4.30 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 41 Resp: 356721
 Ion Ratio Lower Upper
 41 100
 39 59.4 47.5 71.3
 76 35.0 28.0 42.0





#15

Acrylonitrile

Concen: 259.441 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

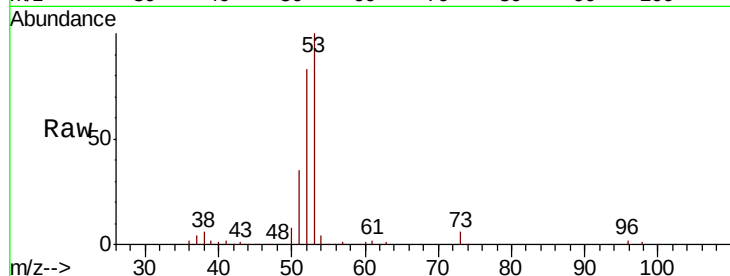
Tot Ion: 53 Resp: 515071

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

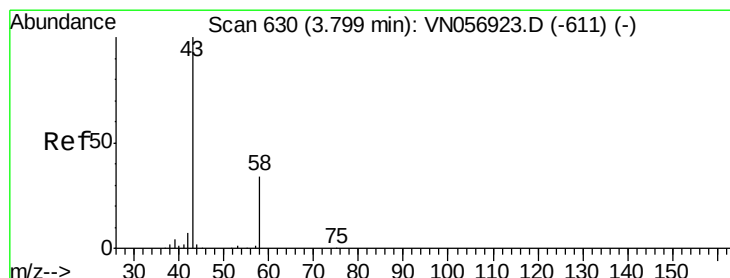
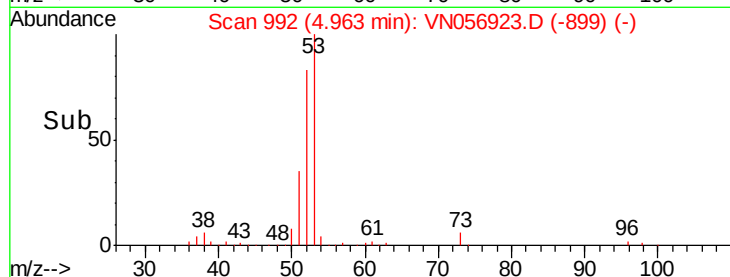
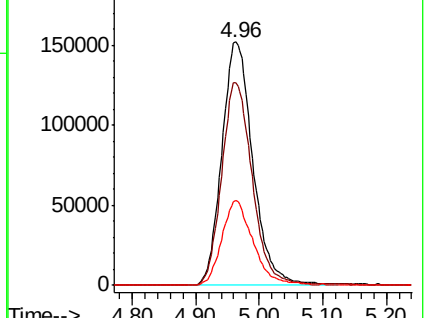
51 35.1 28.1 42.1



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: 254.065 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN056923.D

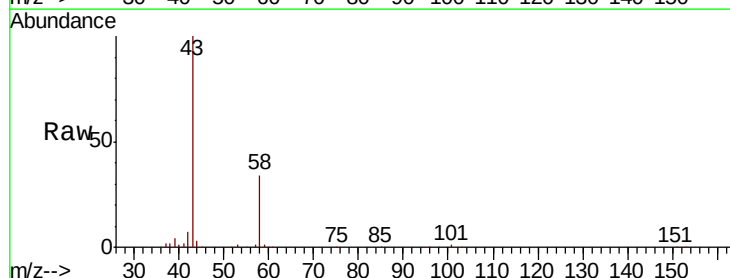
Acq: 25 Jul 2019 15:25

Tgt Ion: 43 Resp: 432462

Ion Ratio Lower Upper

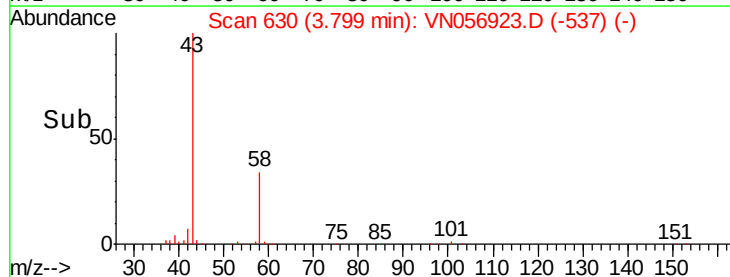
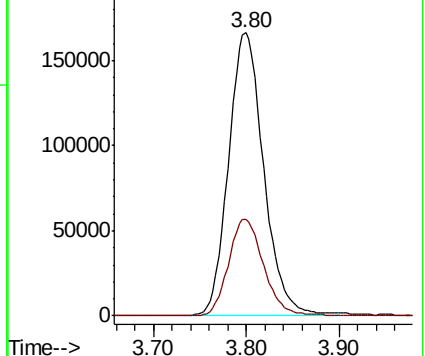
43 100

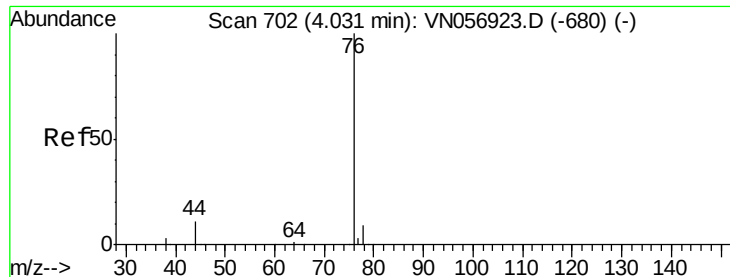
58 34.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 50.494 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

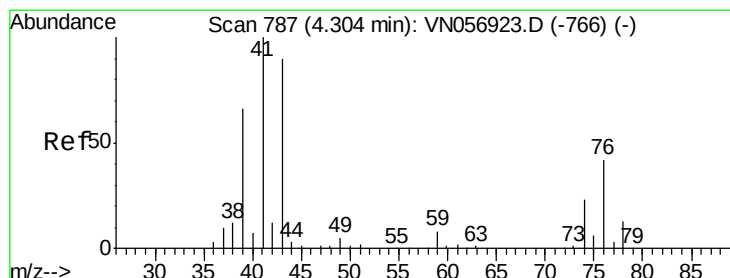
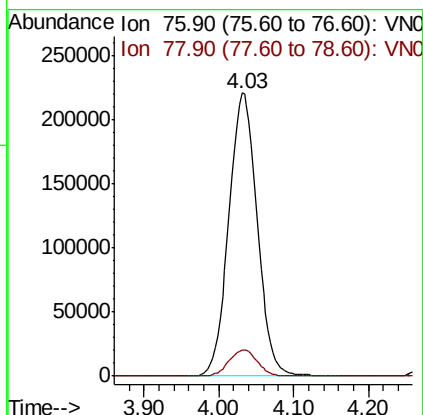
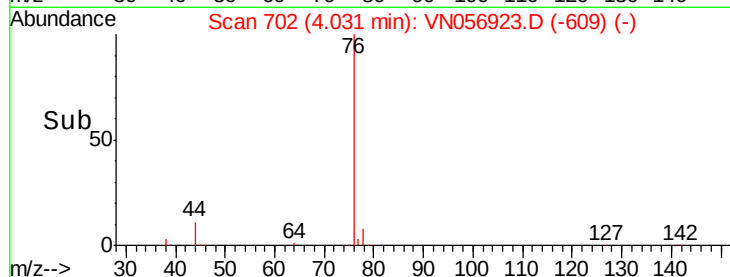
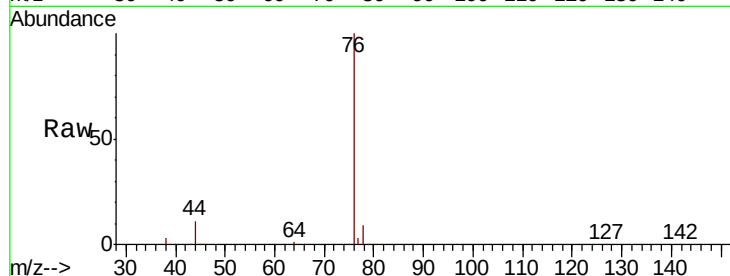
VSTDICCC050

Tot Ion: 76 Resp: 583808

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 41.665 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN056923.D

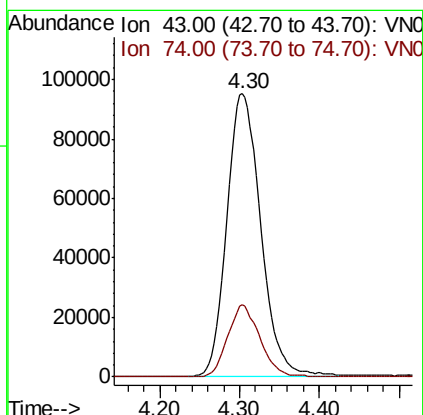
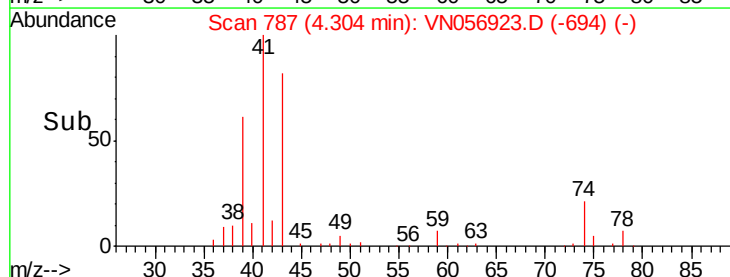
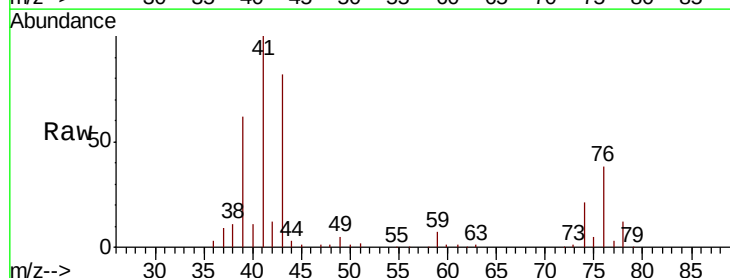
Acq: 25 Jul 2019 15:25

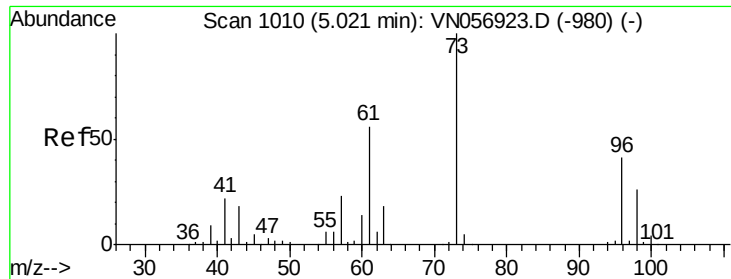
Tgt Ion: 43 Resp: 273620

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0

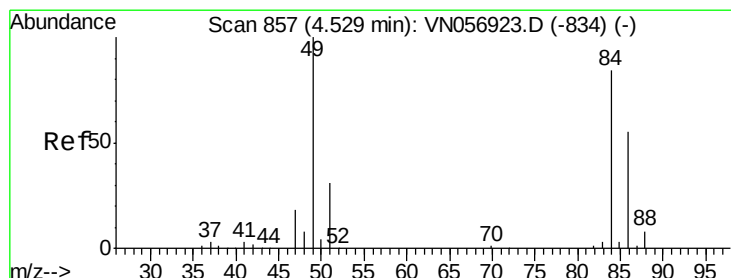
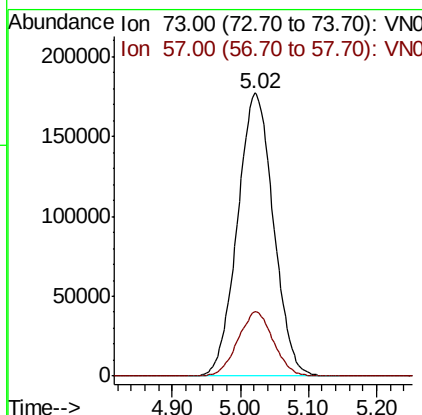
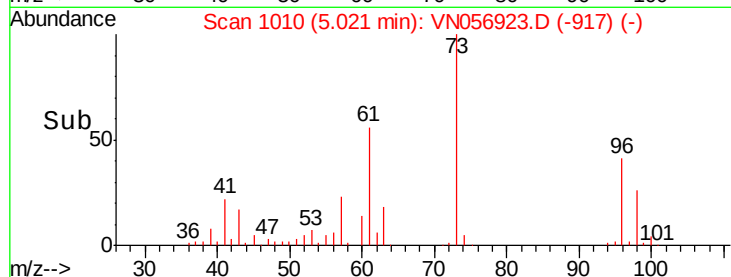
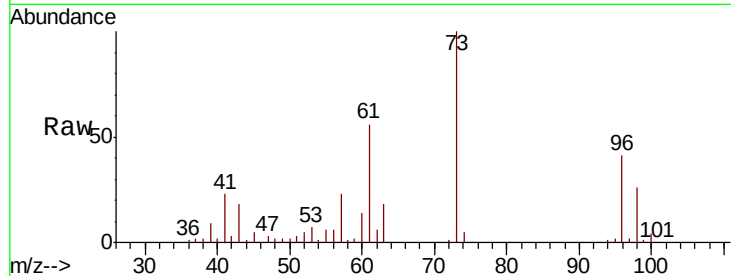




#19
Methyl tert-butyl Ether
Concen: 51.679 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

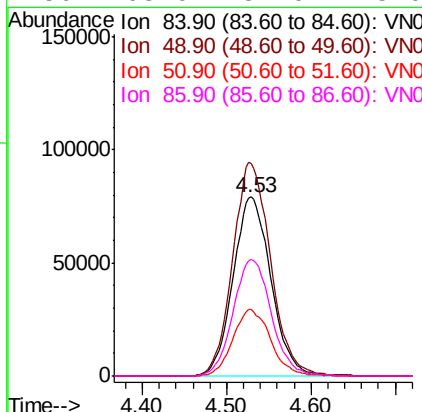
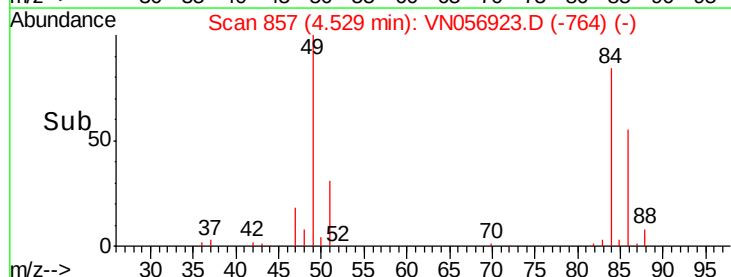
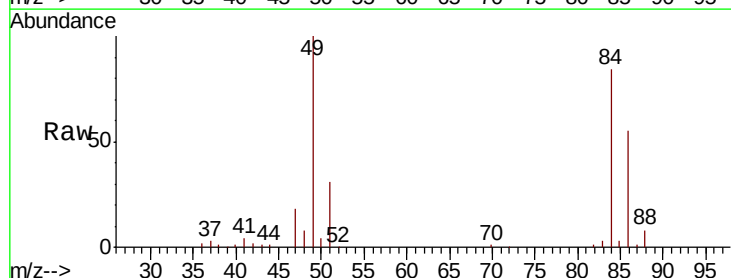
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

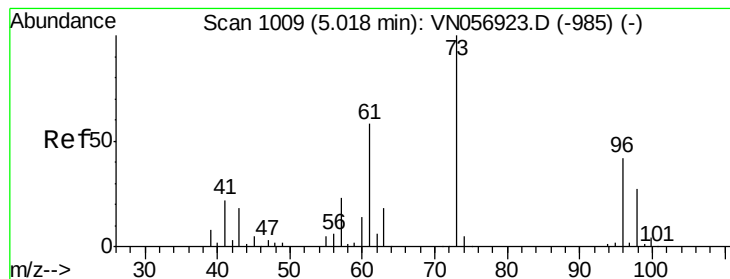
Tot Ion: 73 Resp: 648817
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 49.295 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 84 Resp: 247359
Ion Ratio Lower Upper
84 100
49 118.8 95.0 142.6
51 37.3 29.8 44.8
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.891 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

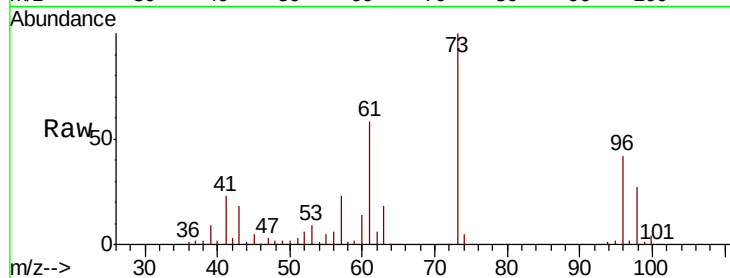
Tot Ion: 96 Resp: 230860

Ion Ratio Lower Upper

96 100

61 137.4 109.9 164.9

98 63.7 51.0 76.4

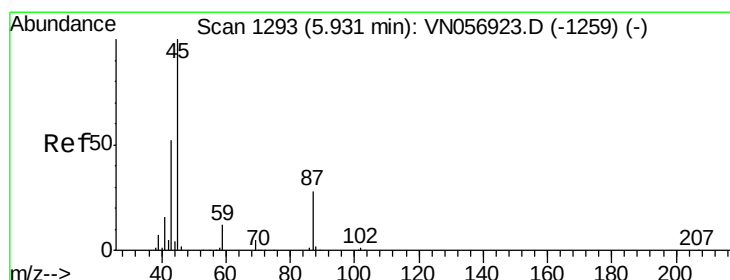
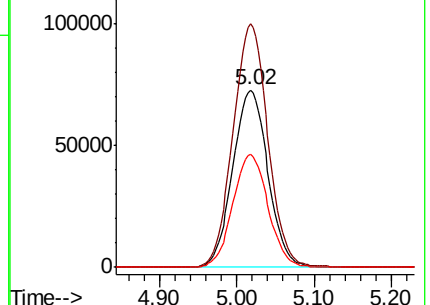
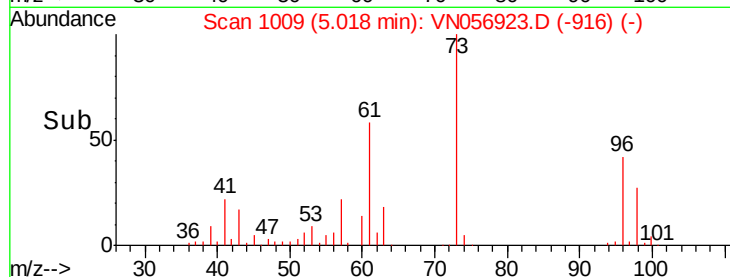


Abundance

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: 51.928 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Tgt Ion: 45 Resp: 733093

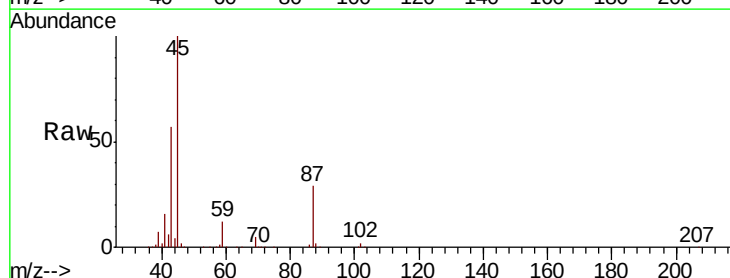
Ion Ratio Lower Upper

45 100

43 55.9 44.7 67.1

87 28.9 23.1 34.7

59 12.1 9.7 14.5



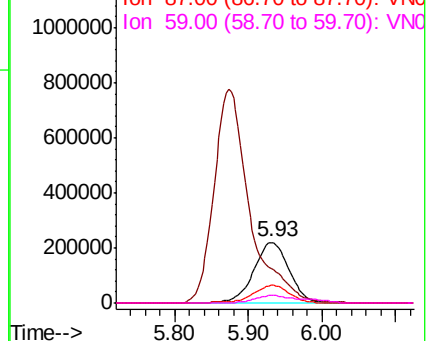
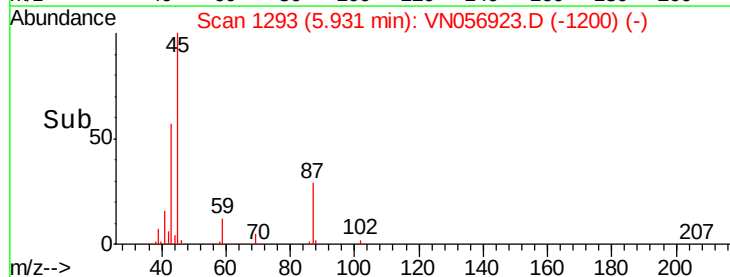
Abundance

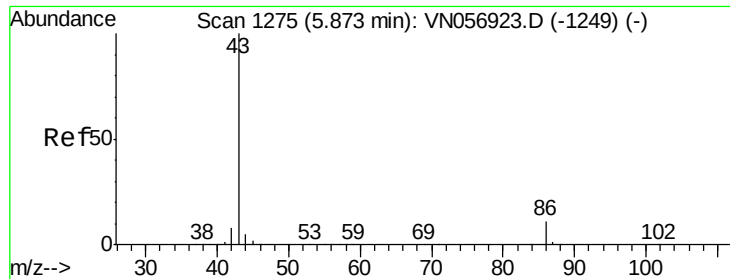
Ion 45.00 (44.70 to 45.70): VN0

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

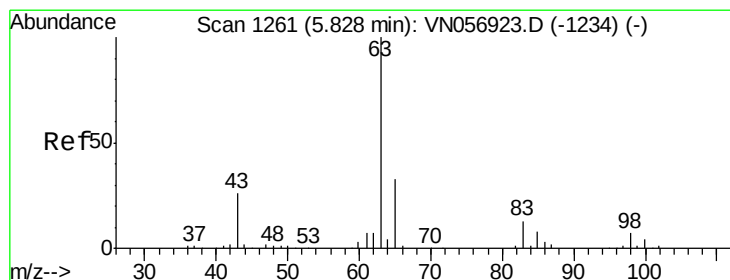
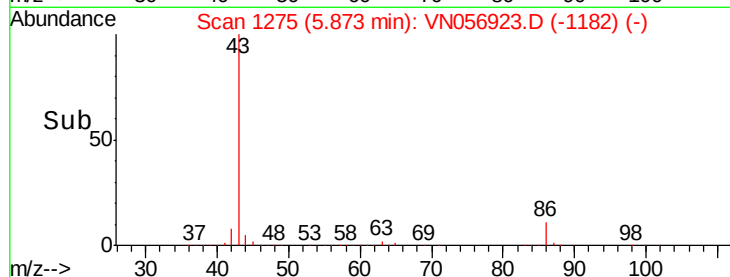
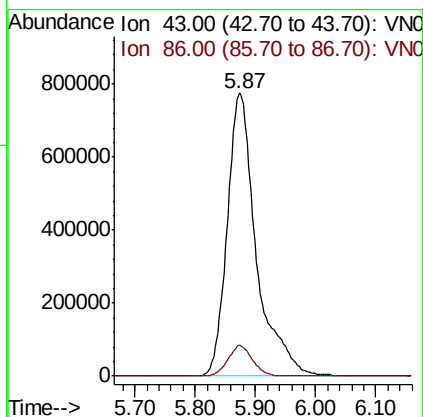
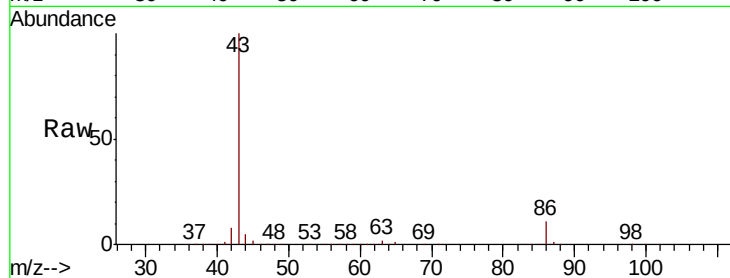




#23
 Vinyl Acetate
 Concen: 257.059 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

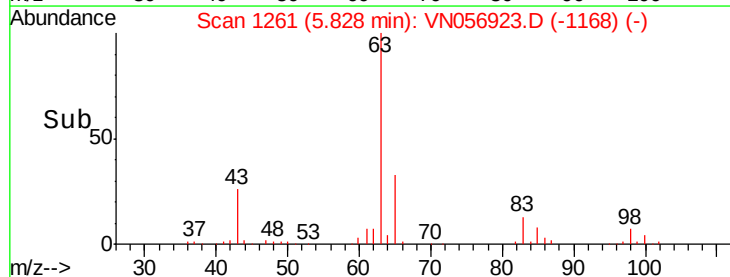
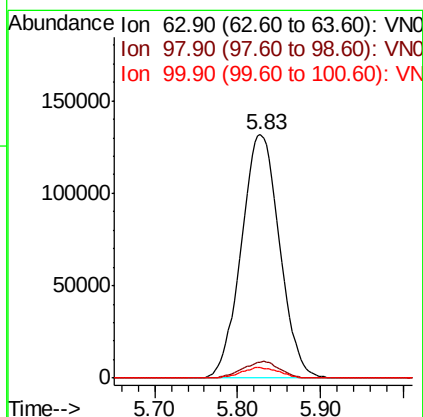
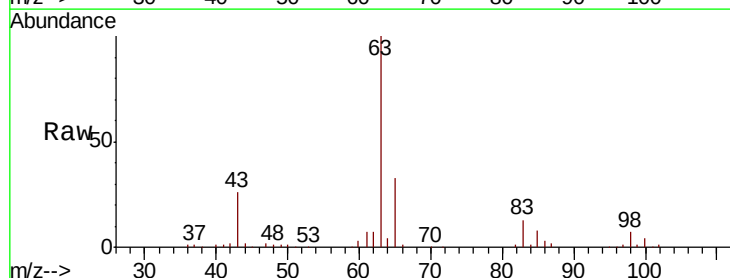
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

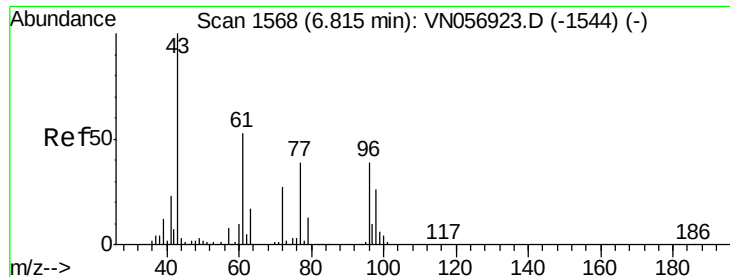
Tot Ion: 43 Resp: 2605542
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.547 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 63 Resp: 422343
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.2 2.1 6.3

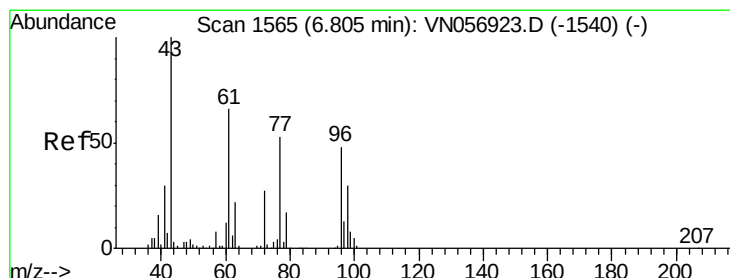
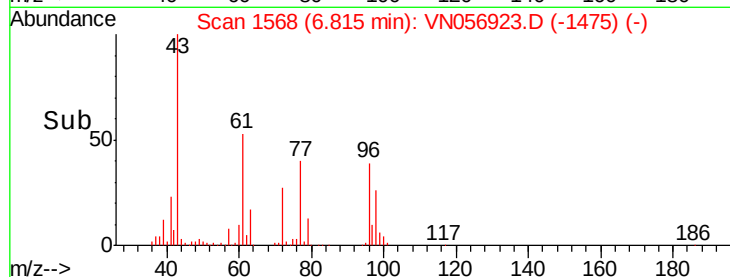
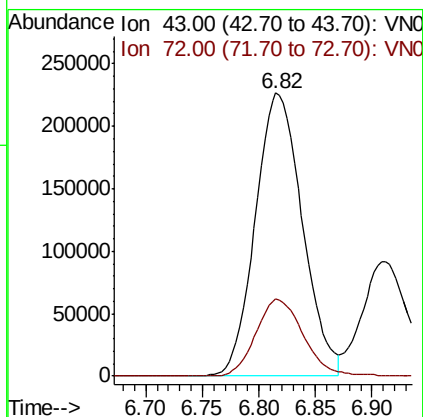
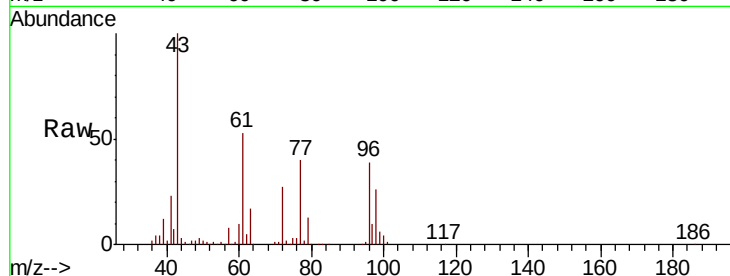




#25
2-Butanone
Concen: 263.488 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

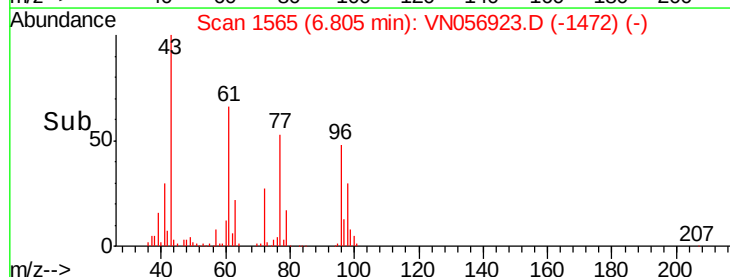
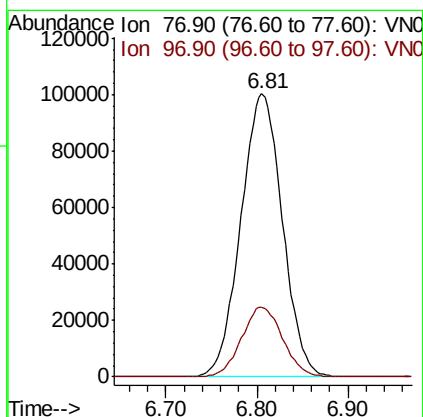
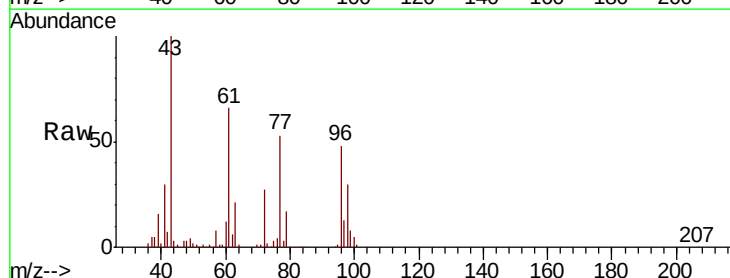
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

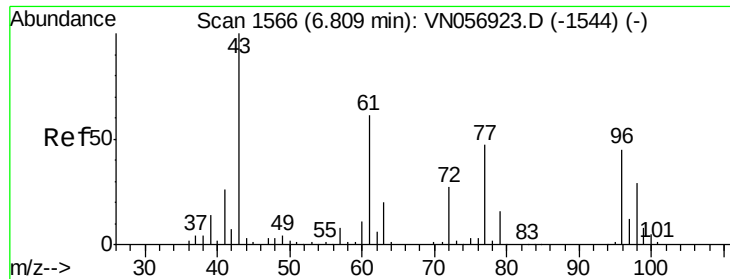
Tot Ion: 43 Resp: 652149
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 54.591 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 77 Resp: 317611
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 52.434 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

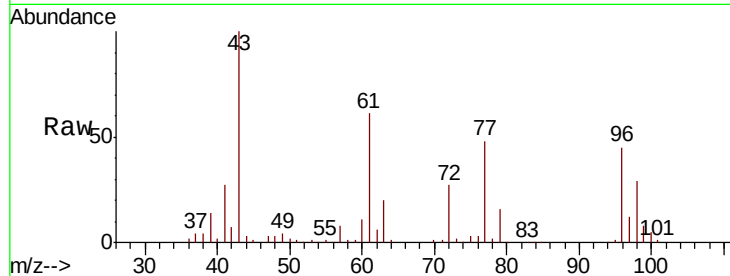
Tot Ion: 96 Resp: 268167

Ion Ratio Lower Upper

96 100

61 139.4 0.0 278.8

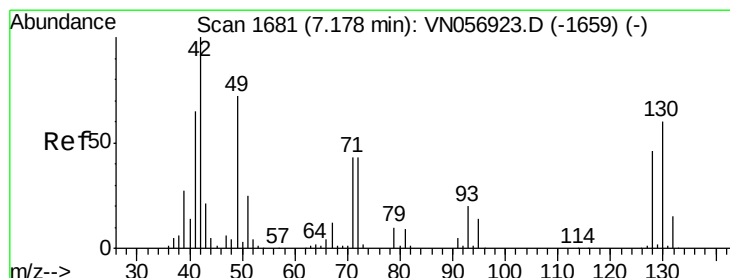
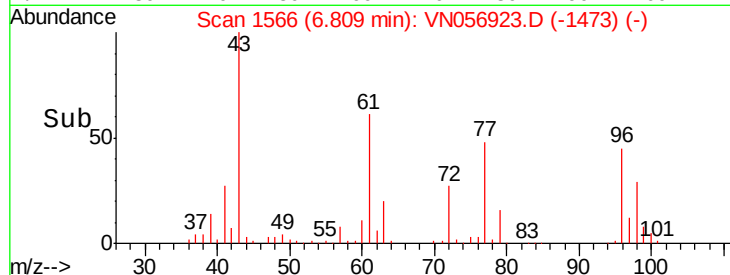
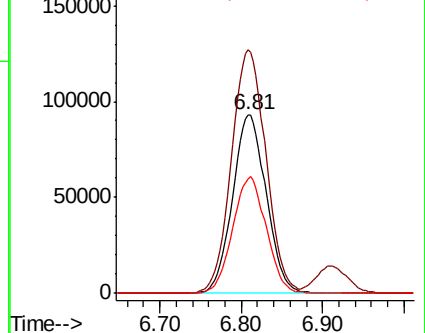
98 65.0 0.0 130.0



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: 52.417 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

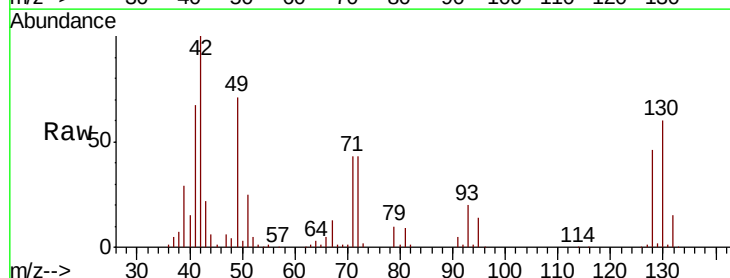
Tgt Ion: 49 Resp: 195381

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

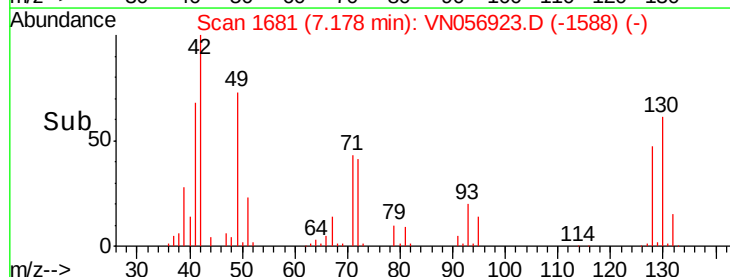
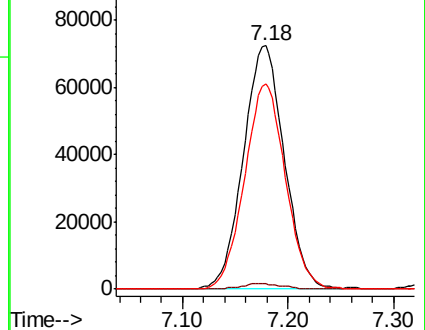
130 84.1 67.3 100.9

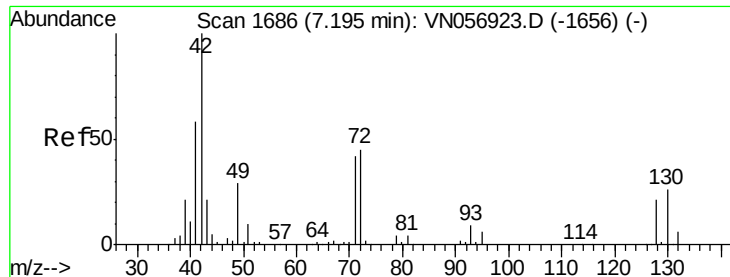


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

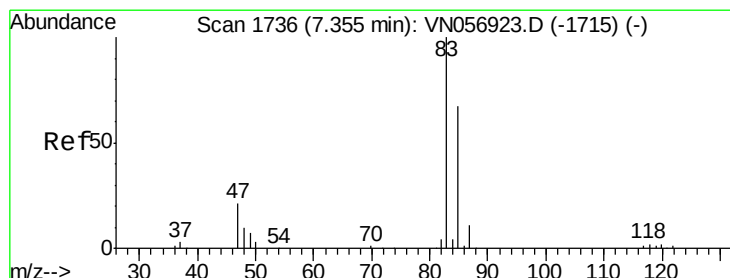
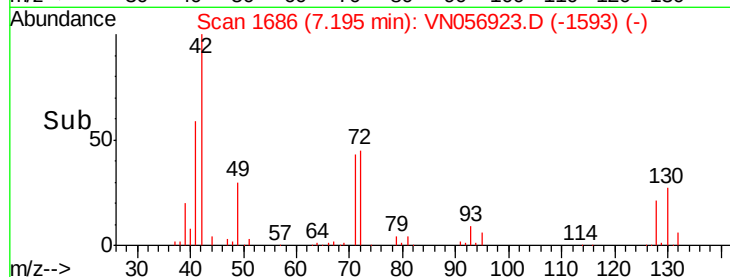
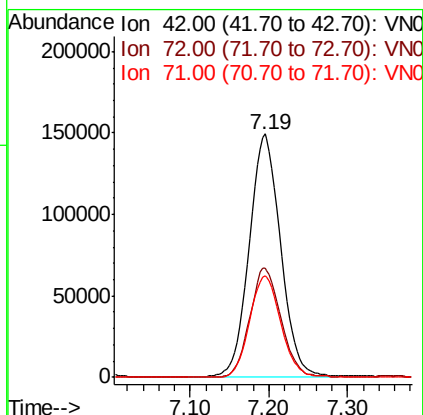
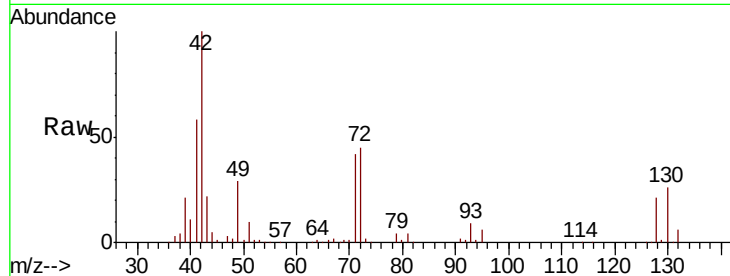




#29
Tetrahydrofuran
Concen: 252.873 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

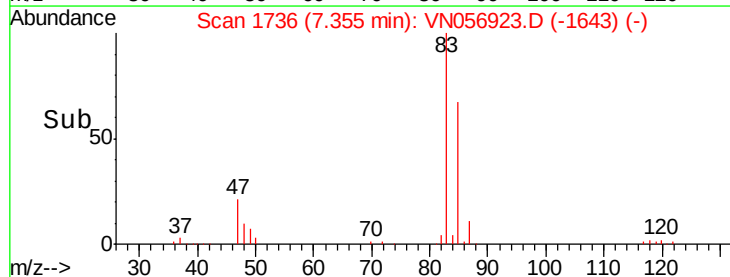
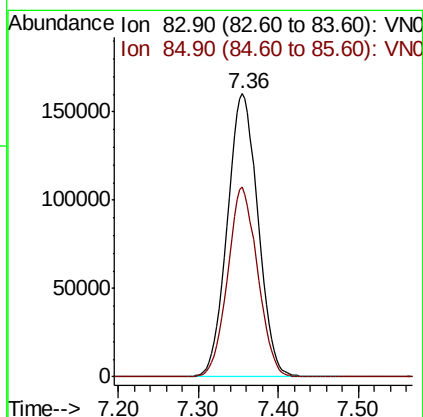
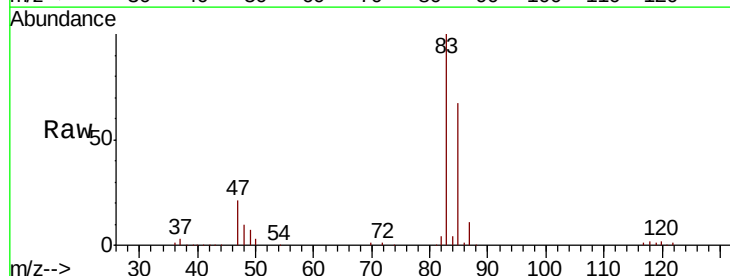
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

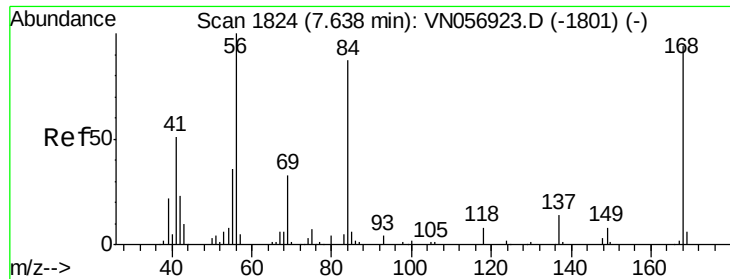
Tot Ion: 42 Resp: 425858
Ion Ratio Lower Upper
42 100
72 44.4 35.5 53.3
71 41.3 33.0 49.6



#30
Chloroform
Concen: 50.746 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 83 Resp: 417694
Ion Ratio Lower Upper
83 100
85 66.9 53.5 80.3

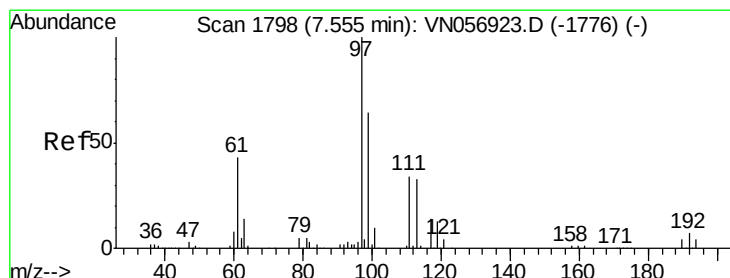
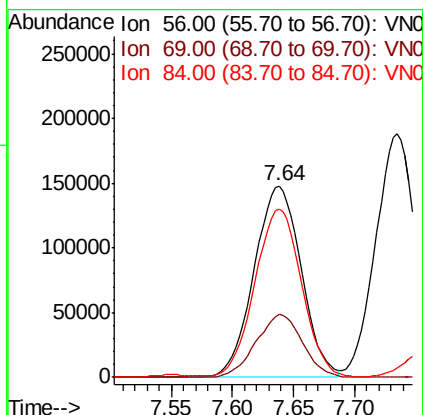
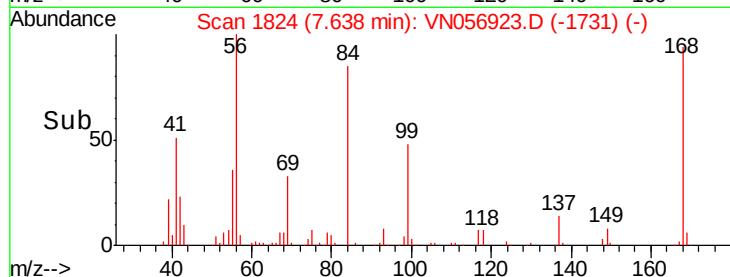
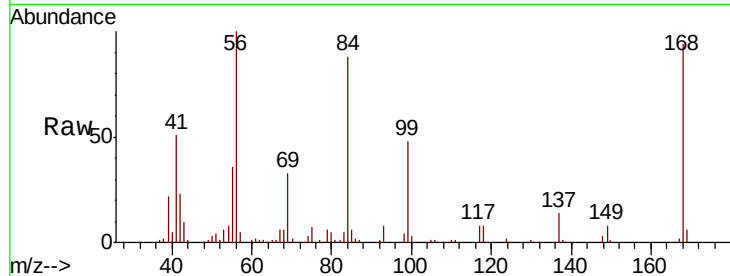




#31
Cyclohexane
Concen: 50.044 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

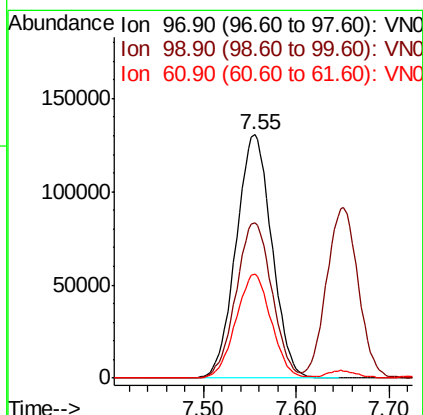
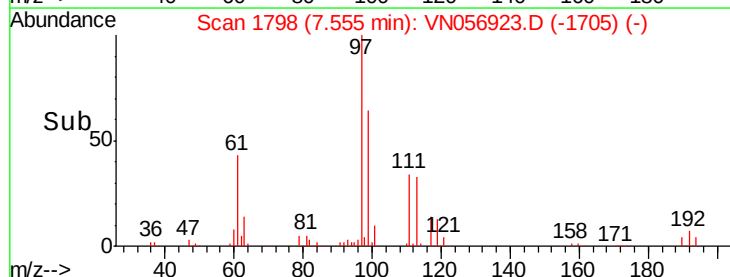
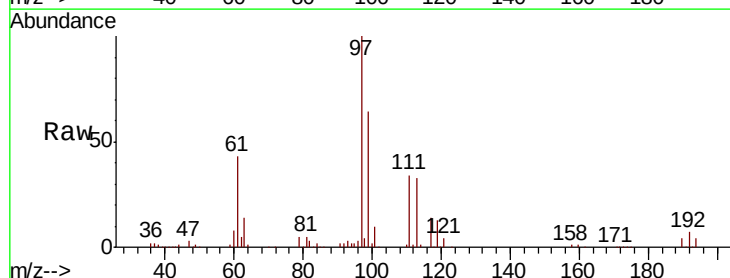
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

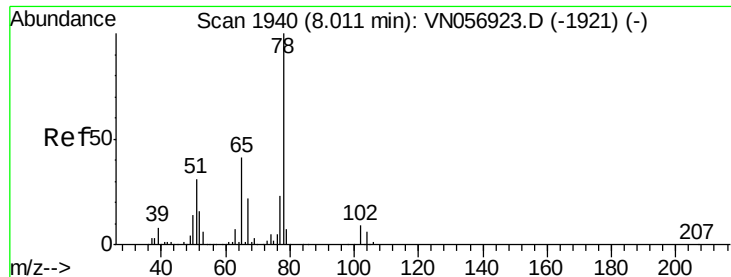
Tot Ion: 56 Resp: 396531
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 87.0 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 52.389 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 97 Resp: 348829
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.2 33.8 50.6

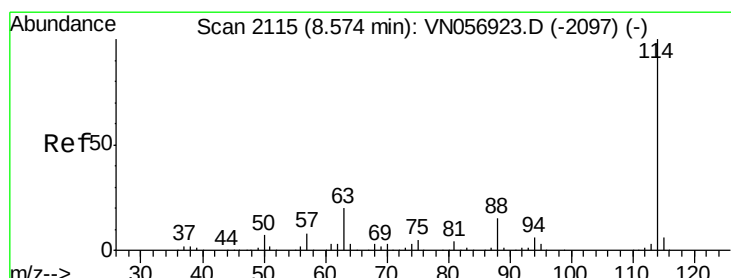
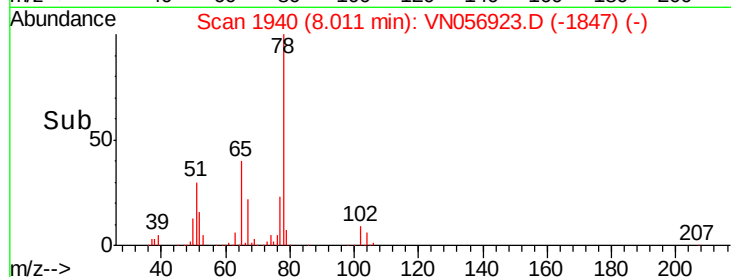
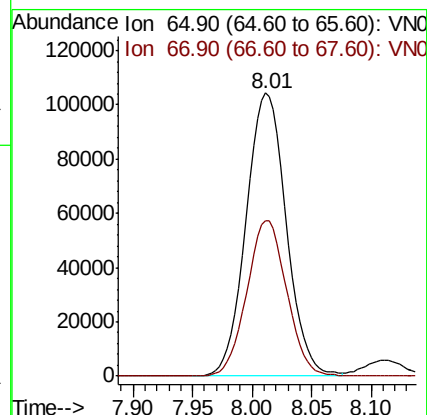
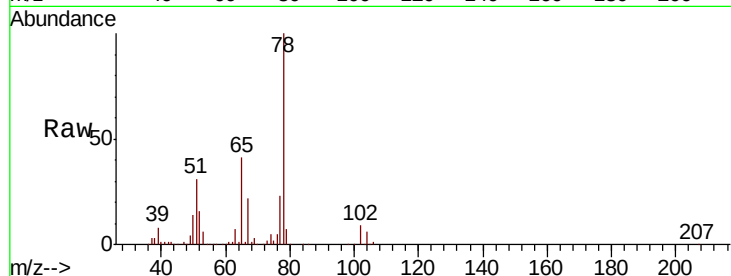




#33
 1,2-Dichloroethane-d4
 Concen: 51.620 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

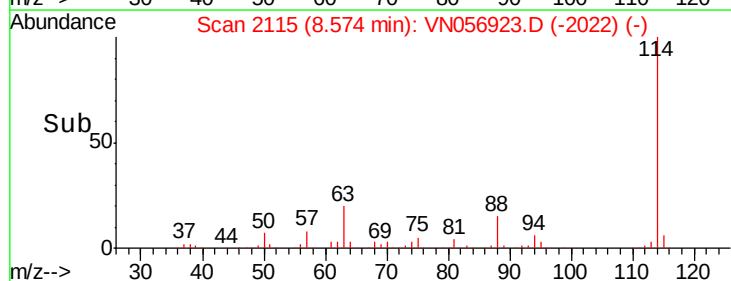
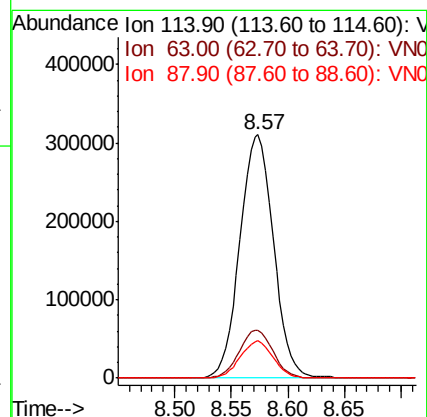
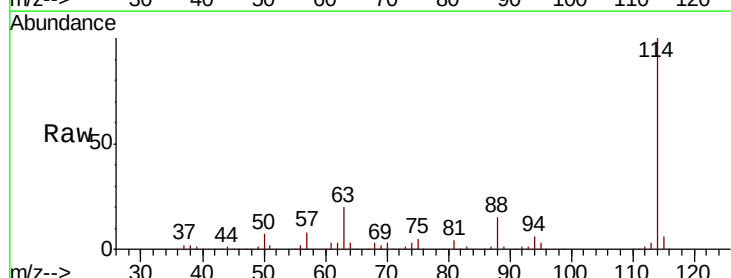
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

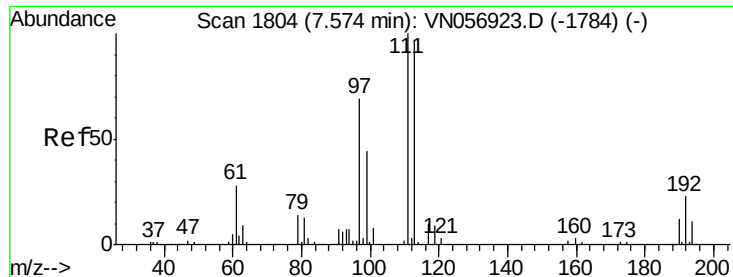
Tot Ion: 65 Resp: 244230
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 114 Resp: 644837
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.2 0.0 30.4

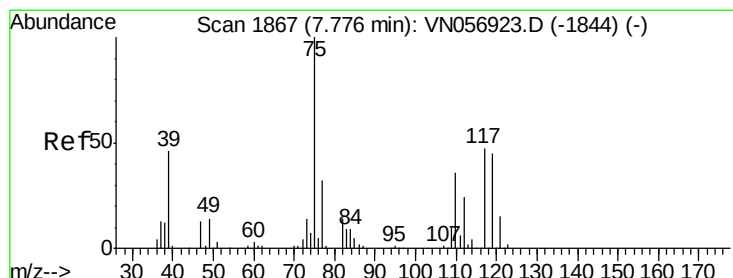
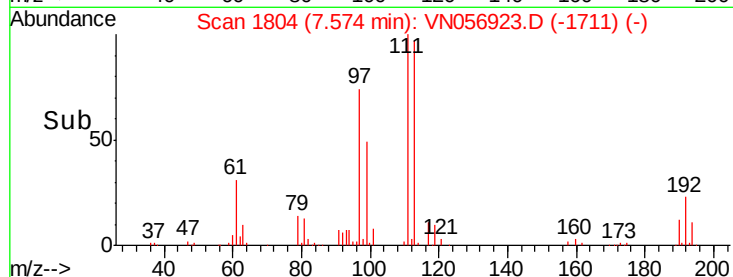
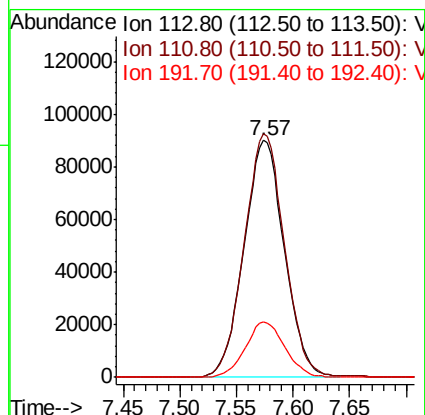
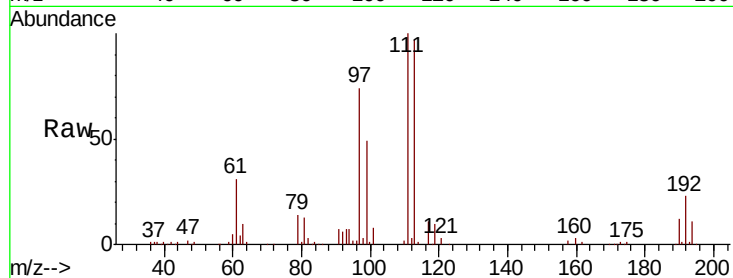




#35
 Dibromofluoromethane
 Concen: 53.689 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

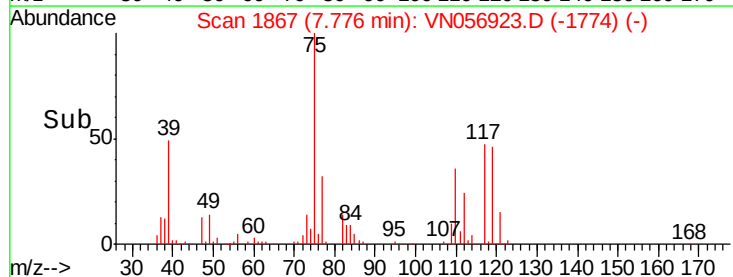
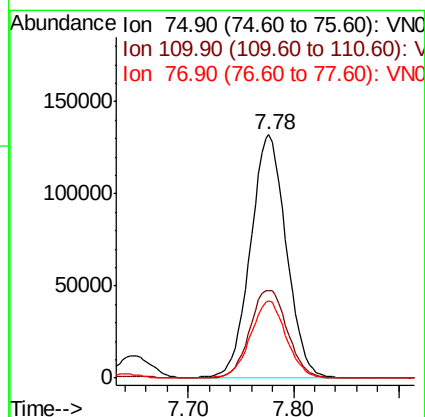
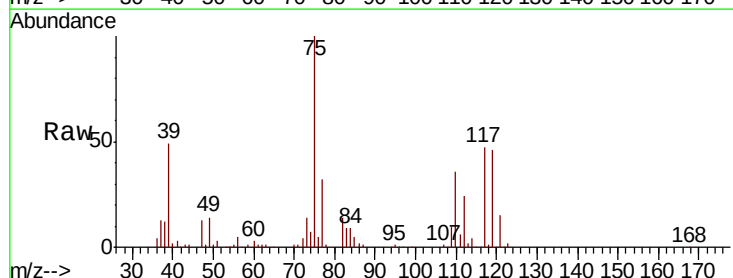
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

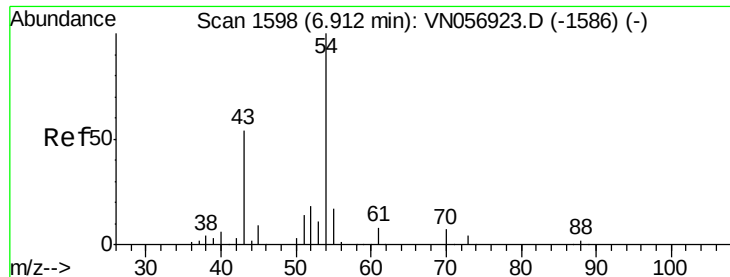
Tot Ion:113 Resp: 223764
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 22.9 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 52.410 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 75 Resp: 311776
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.9 56.9
 77 31.7 25.4 38.0

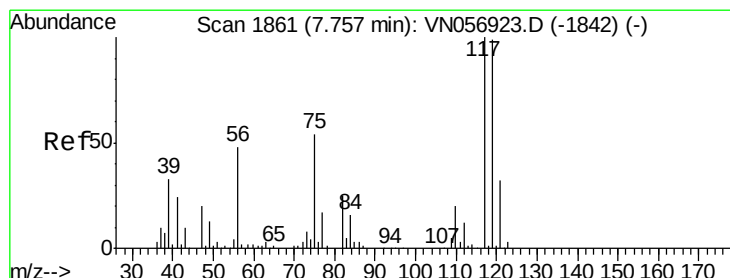
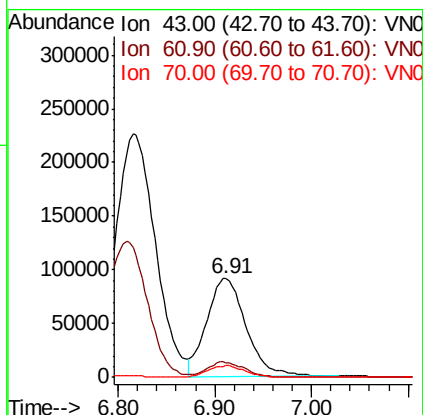
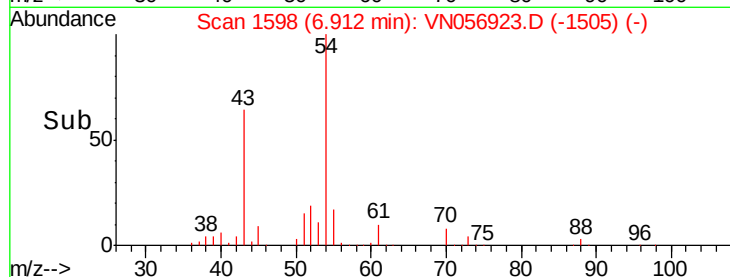
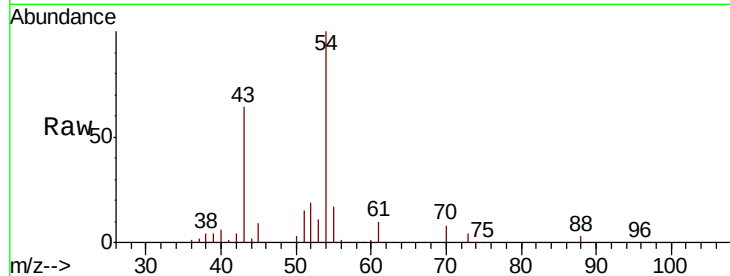




#37
Ethyl Acetate
Concen: 54.131 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

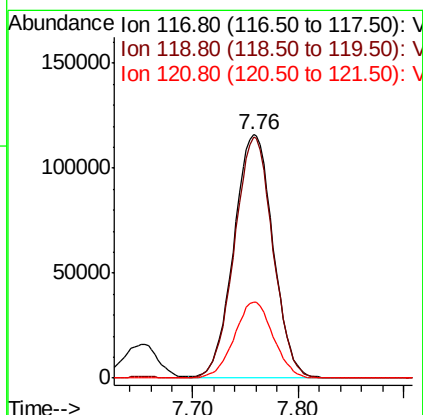
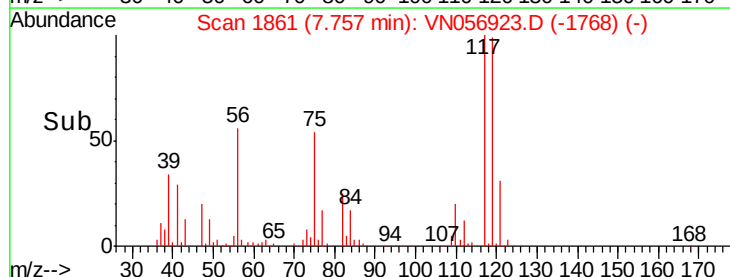
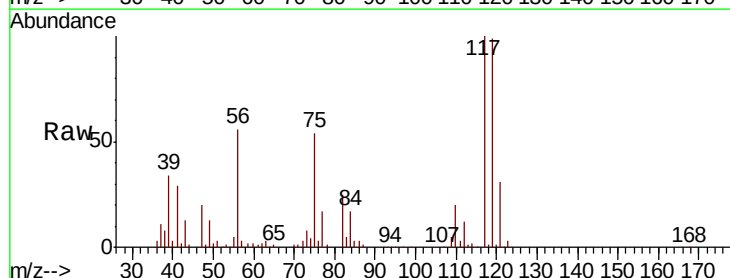
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

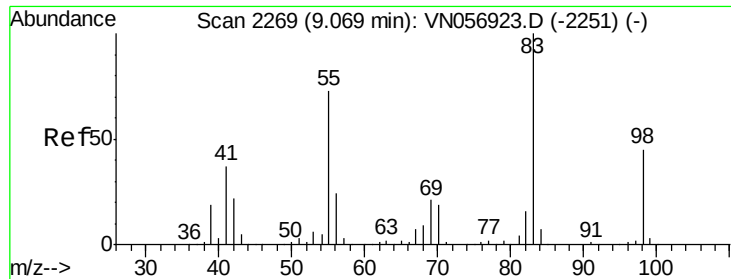
Tot Ion: 43 Resp: 257789
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.908 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 117 Resp: 300557
Ion Ratio Lower Upper
117 100
119 98.8 79.0 118.6
121 31.4 25.1 37.7

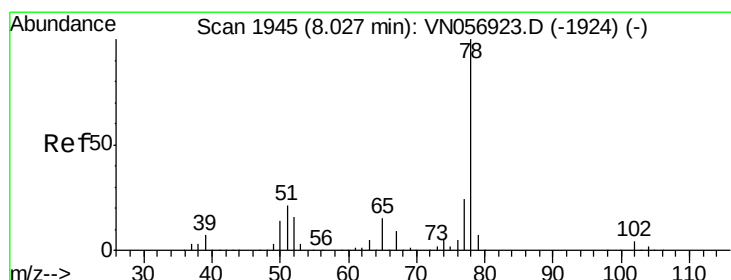
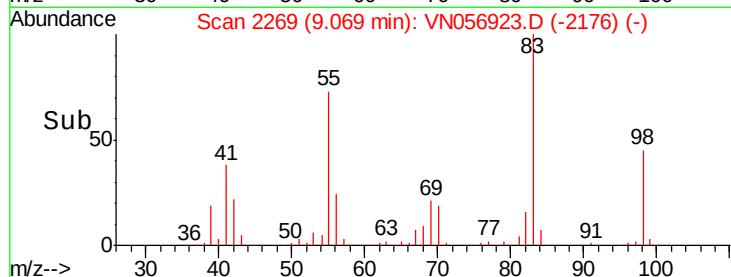
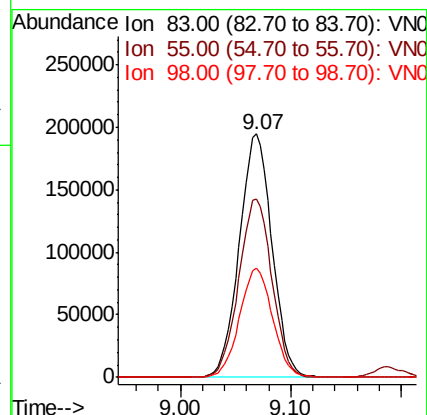
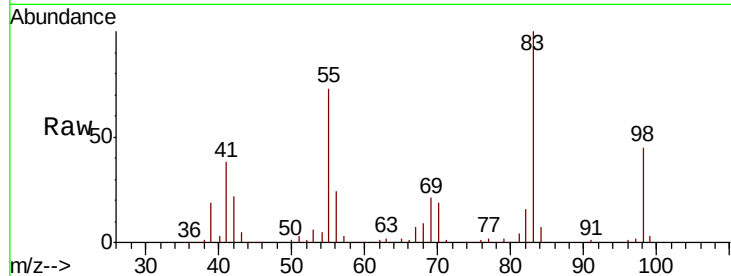




#39
Methylvlcyclohexane
Concen: 53.461 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

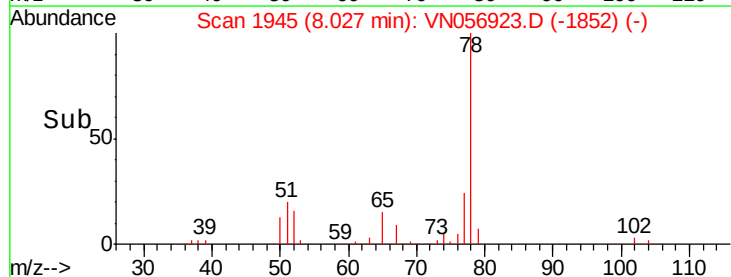
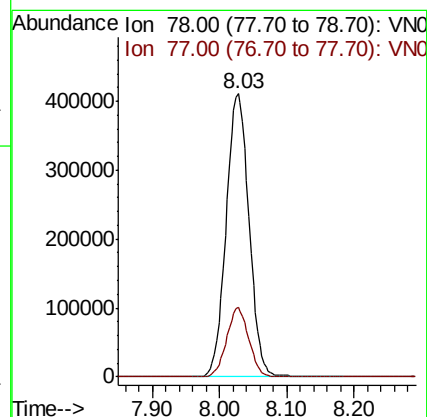
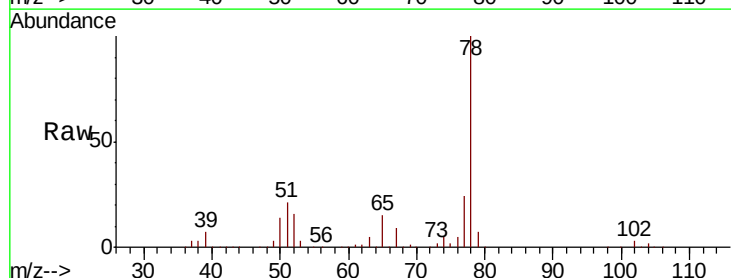
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

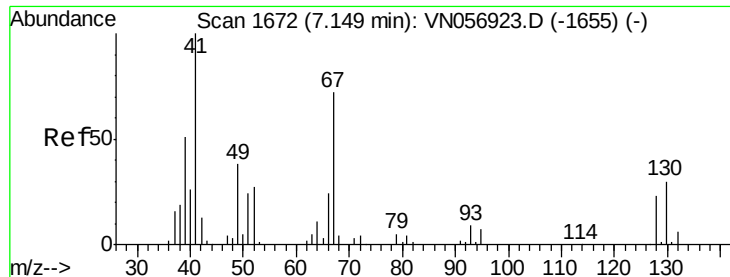
Tot Ion: 83 Resp: 399608
Ion Ratio Lower Upper
83 100
55 73.5 58.8 88.2
98 44.7 35.8 53.6



#40
Benzene
Concen: 52.732 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 78 Resp: 976776
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

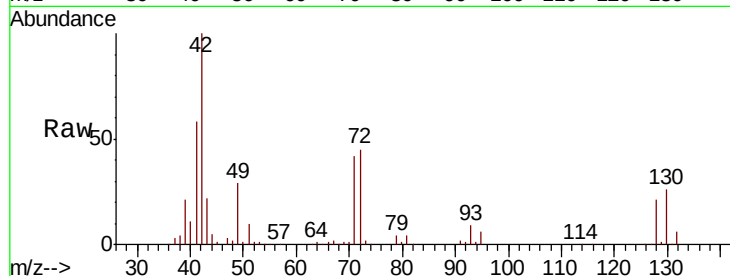




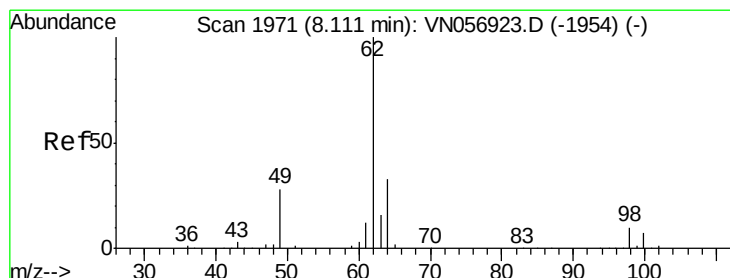
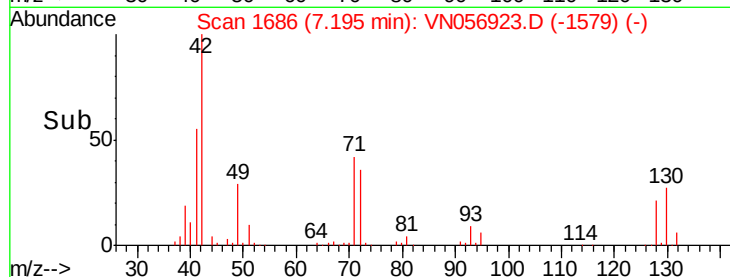
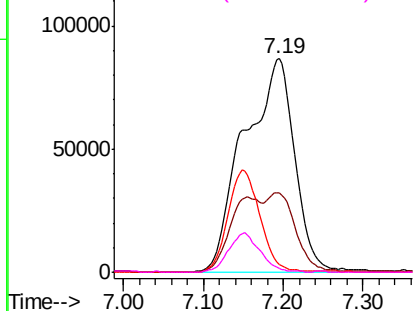
#41
Methacrylonitrile
Concen: 162.753 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.05 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	374246
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

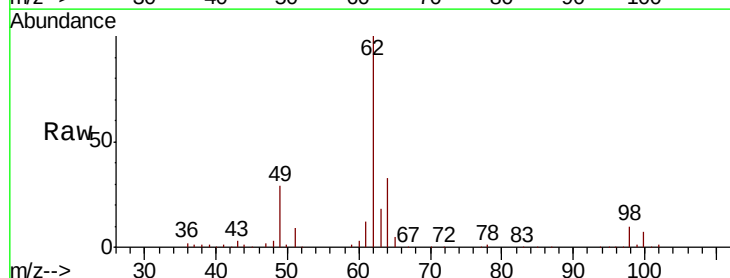


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

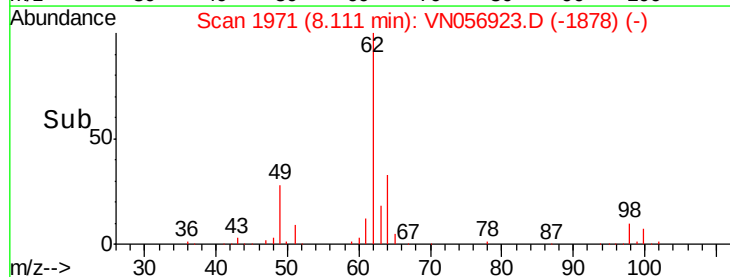
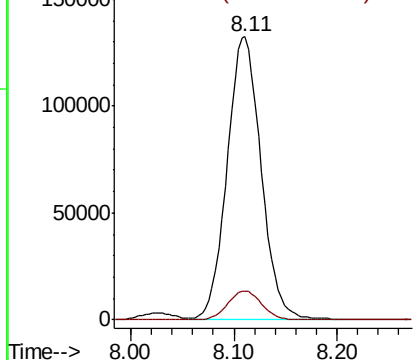


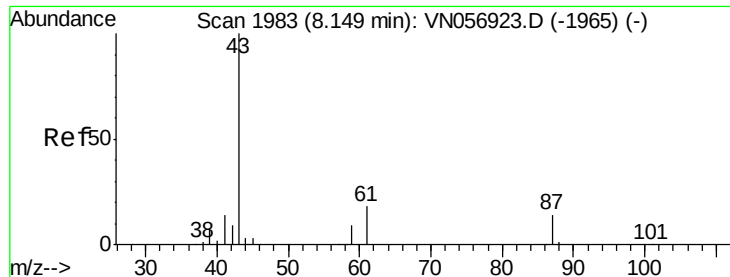
#42
1,2-Dichloroethane
Concen: 52.308 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion:	62	Resp:	302719
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 51.555 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

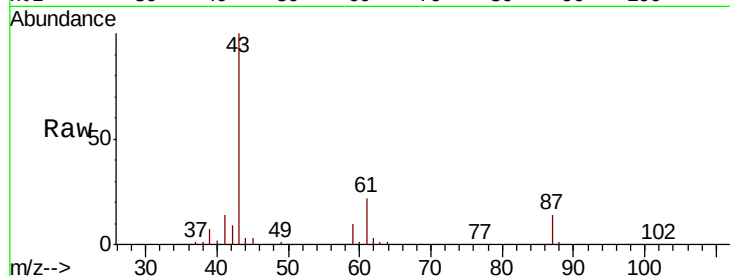
Tot Ion: 43 Resp: 423619

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

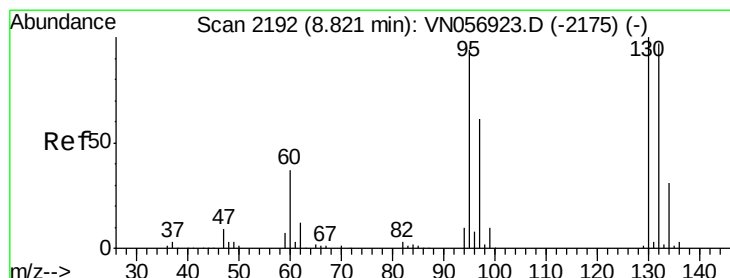
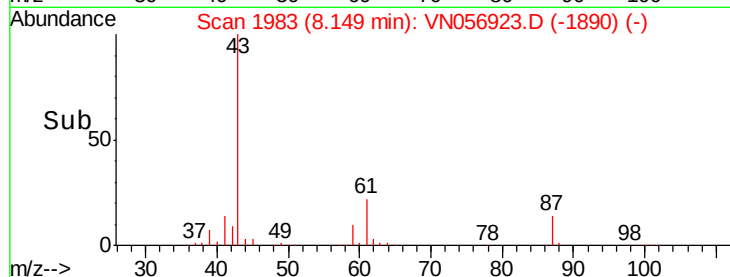
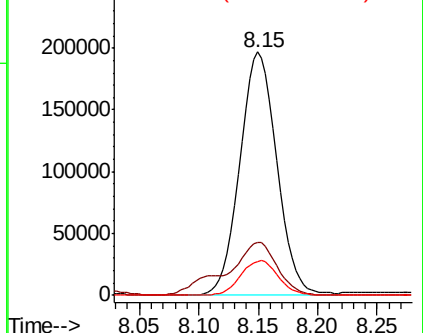
87 14.7 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN056923.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN056923.D (-1965) (-)



#44

Trichloroethene

Concen: 54.147 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN056923.D

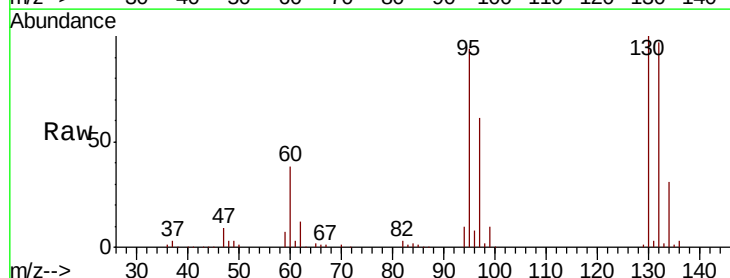
Acq: 25 Jul 2019 15:25

Tgt Ion:130 Resp: 270160

Ion Ratio Lower Upper

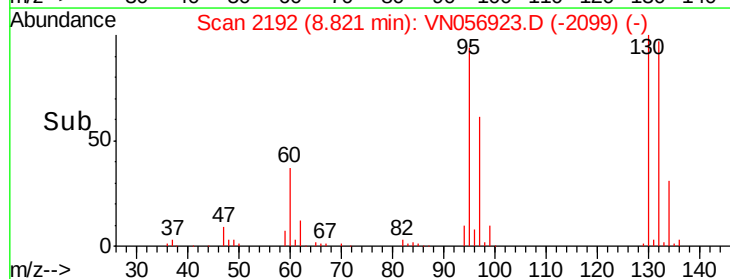
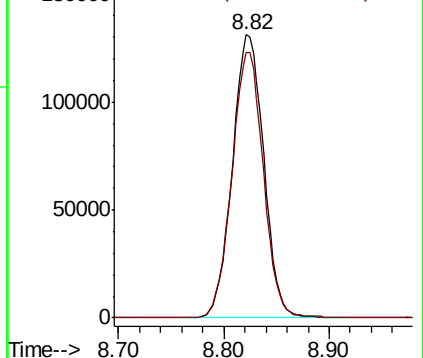
130 100

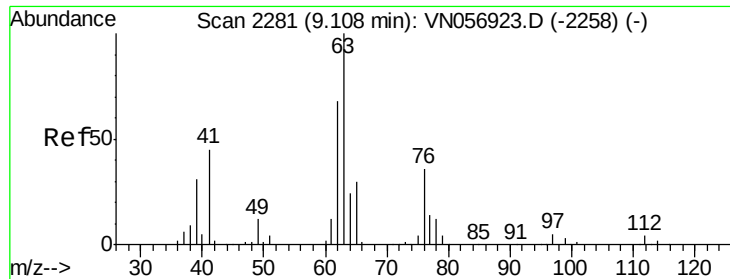
95 93.8 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VN056923.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056923.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 52.520 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

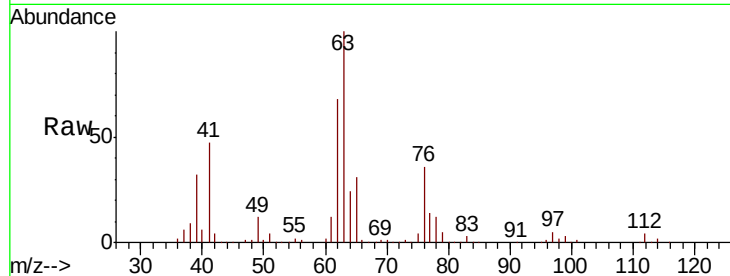
VSTDICCC050

Tot Ion: 63 Resp: 262724

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

150000

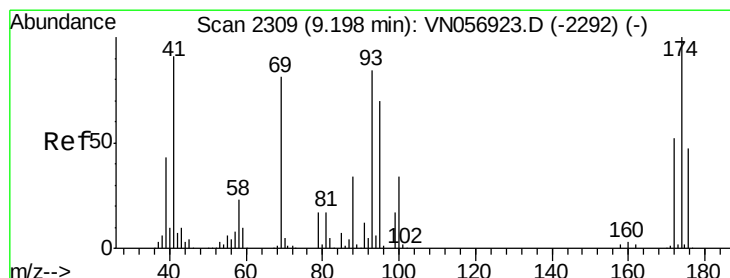
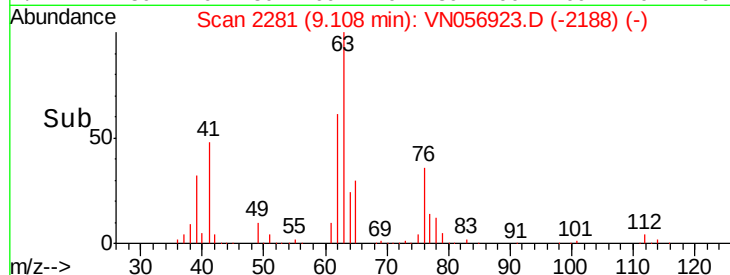
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 52.601 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

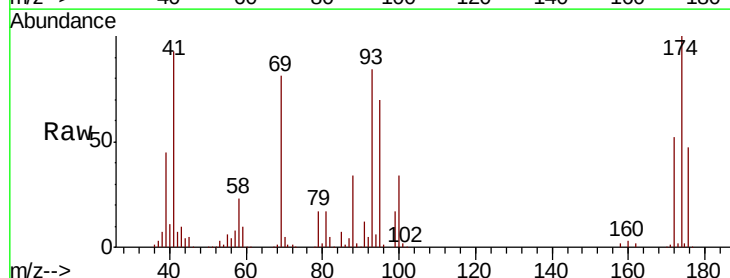
Tgt Ion: 93 Resp: 162403

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 116.1 92.9 139.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

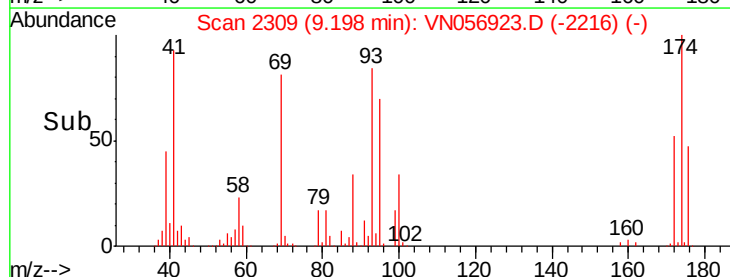
40000

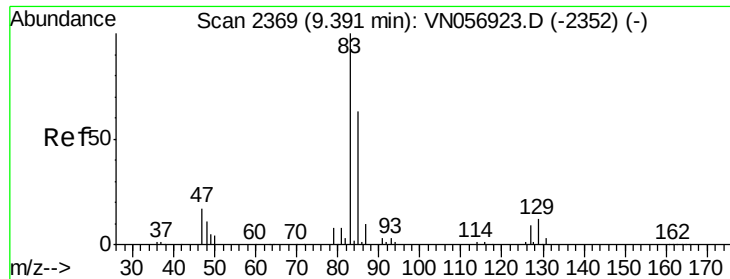
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 54.412 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

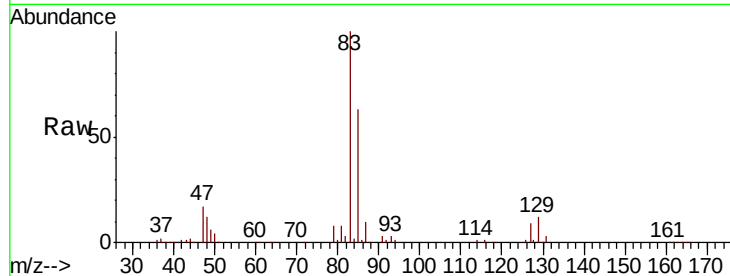
Tot Ion: 83 Resp: 316680

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

127 9.2 7.4 11.0

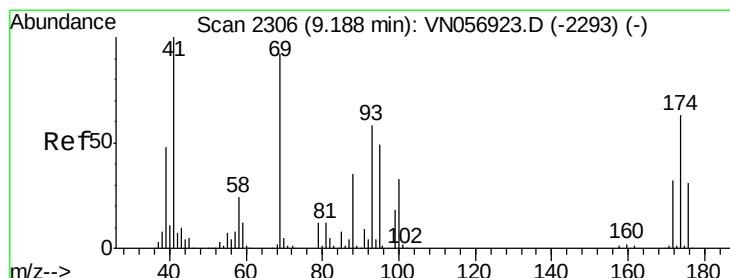
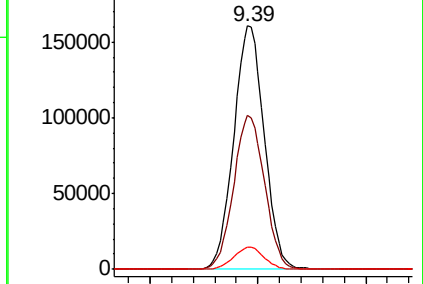
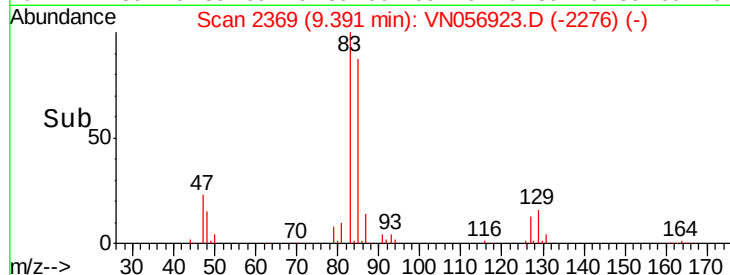


Abundance Ion 82.90 (82.60 to 83.60): VN056923.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN056923.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN056923.D (-2352) (-)

Time-->



#48

Methyl methacrylate

Concen: 51.716 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

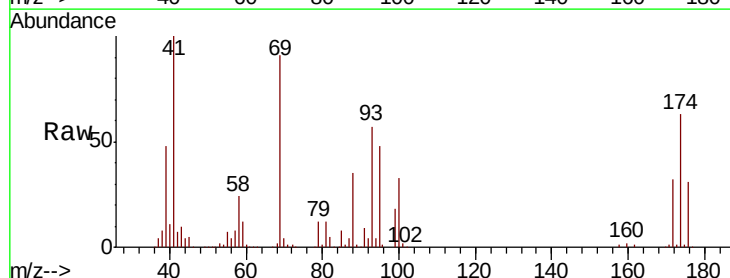
Tgt Ion: 41 Resp: 211989

Ion Ratio Lower Upper

41 100

69 91.7 73.4 110.0

39 50.1 40.1 60.1

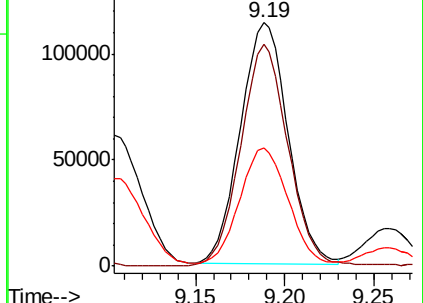
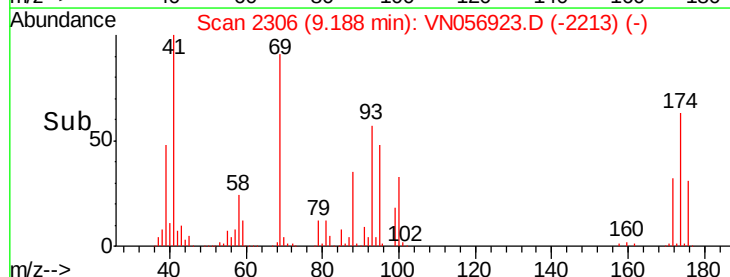


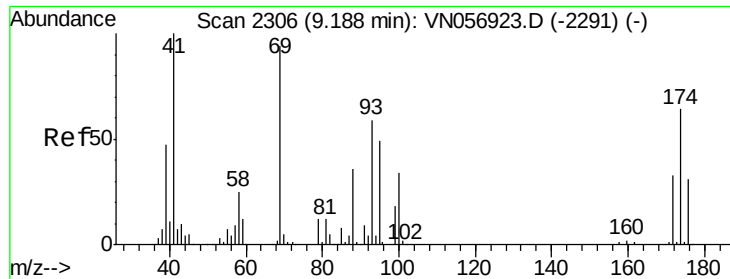
Abundance Ion 41.00 (40.70 to 41.70): VN056923.D (-2293) (-)

Ion 69.00 (68.70 to 69.70): VN056923.D (-2293) (-)

Ion 39.00 (38.70 to 39.70): VN056923.D (-2293) (-)

Time-->





#49

1,4-Dioxane

Concen: 1092.399 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

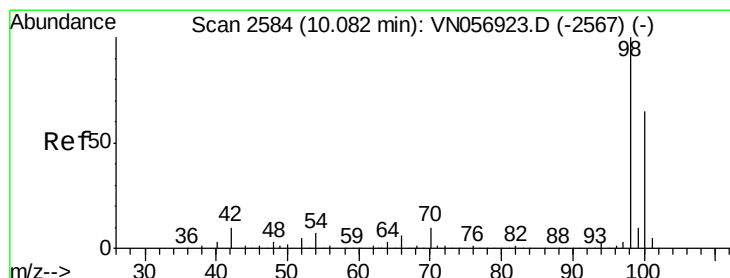
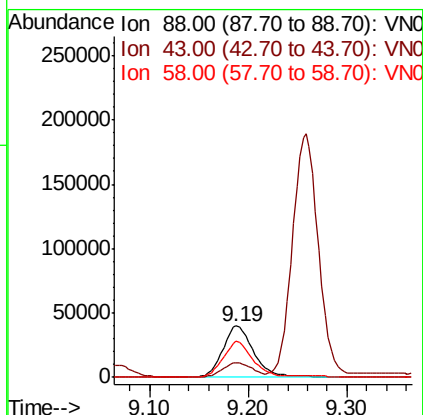
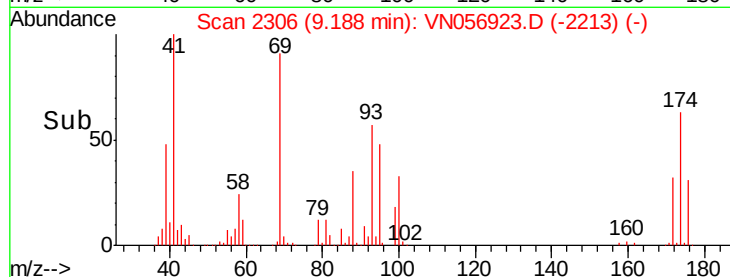
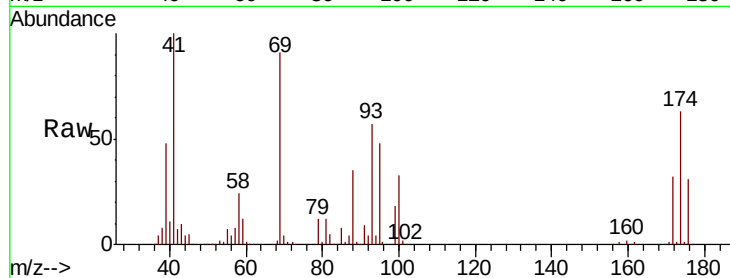
MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 88 Resp: 88480

Ion	Ratio	Lower	Upper
88	100		
43	26.4	21.1	31.7
58	65.6	52.5	78.7



#50

Toluene-d8

Concen: 53.286 ug/l

RT: 10.08 min Scan# 2584

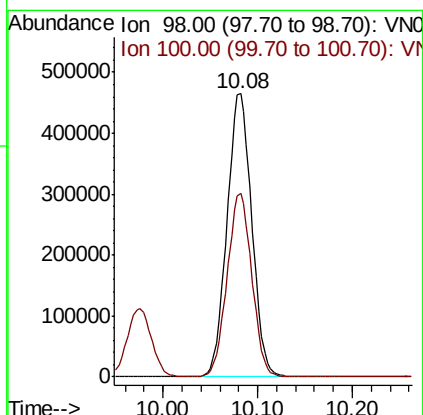
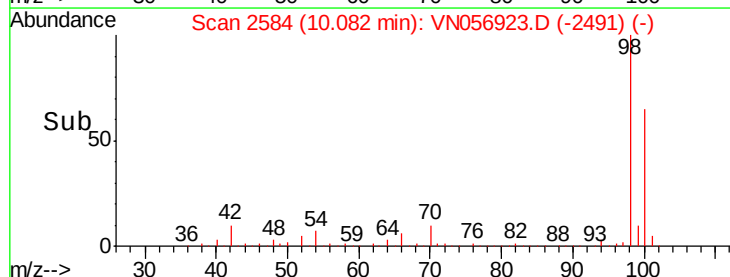
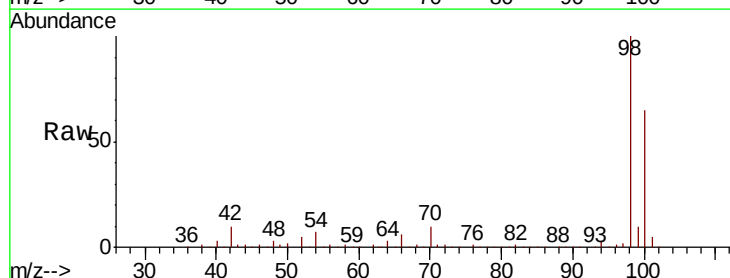
Delta R.T. 0.00 min

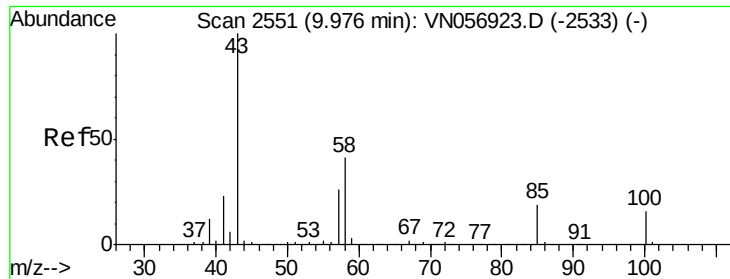
Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Tgt Ion: 98 Resp: 846285

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 261.119 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

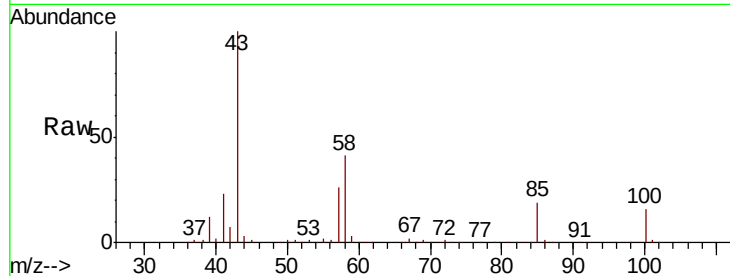
VSTDICCC050

Tot Ion: 43 Resp: 1276789

Ion Ratio Lower Upper

43 100

58 41.0 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

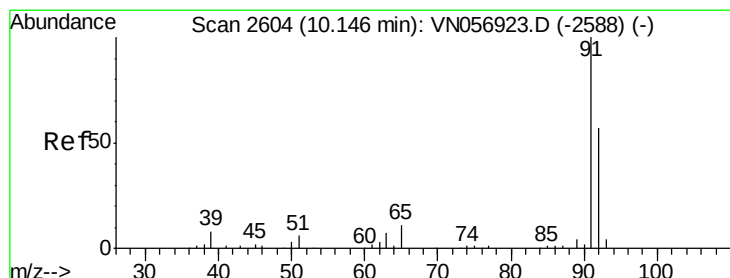
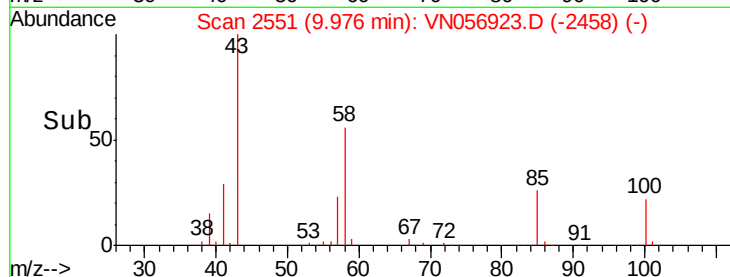
0

9.90

9.98

10.00

Time-->



#52

Toluene

Concen: 54.268 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN056923.D

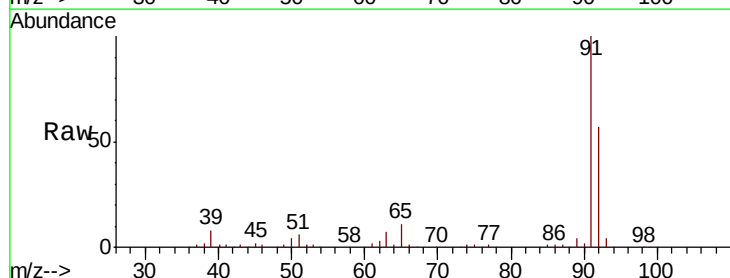
Acq: 25 Jul 2019 15:25

Tgt Ion: 92 Resp: 605810

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

400000

200000

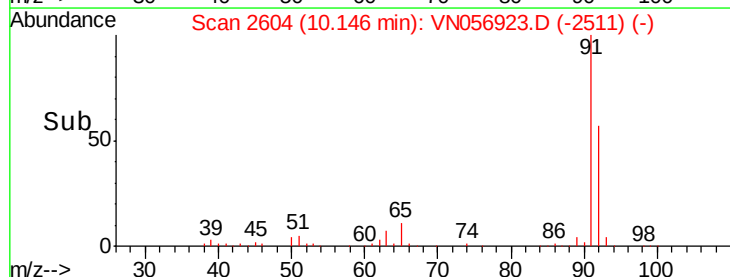
0

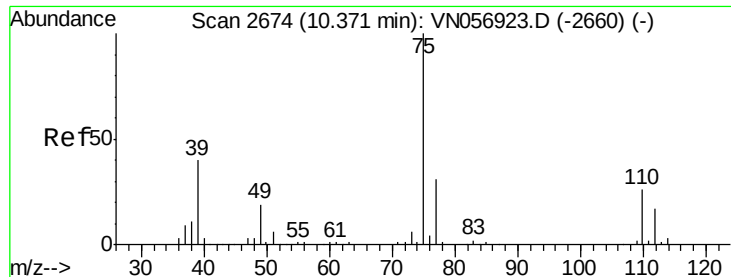
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.176 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

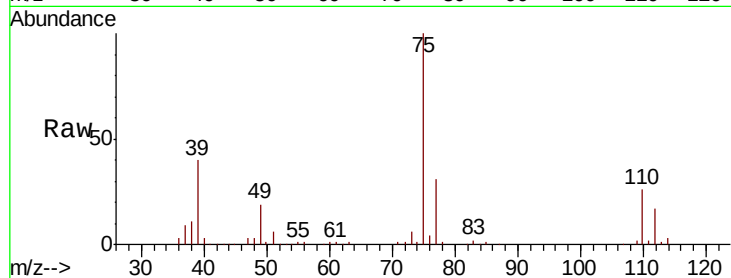
VSTDICCC050

Tot Ion: 75 Resp: 328101

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

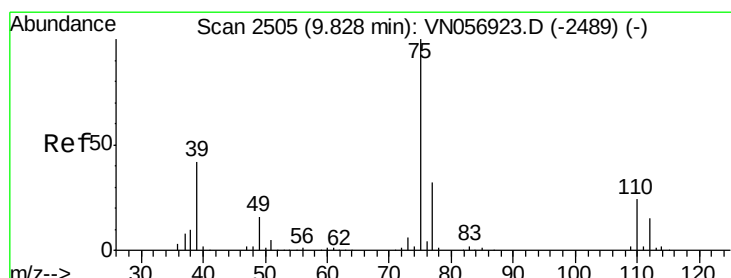
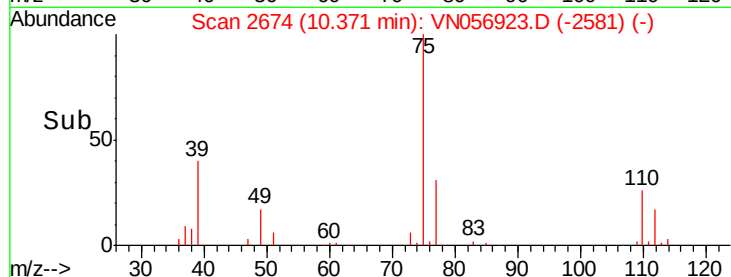
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.953 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

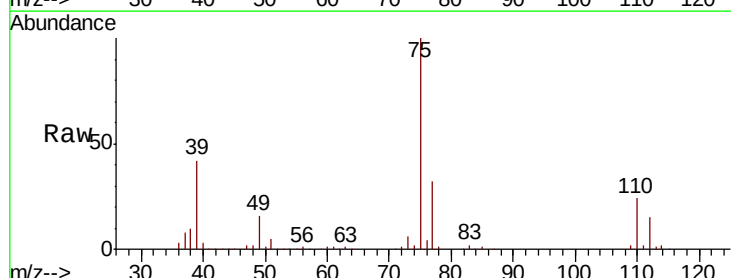
Tgt Ion: 75 Resp: 386344

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 41.7 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

9.83

250000

200000

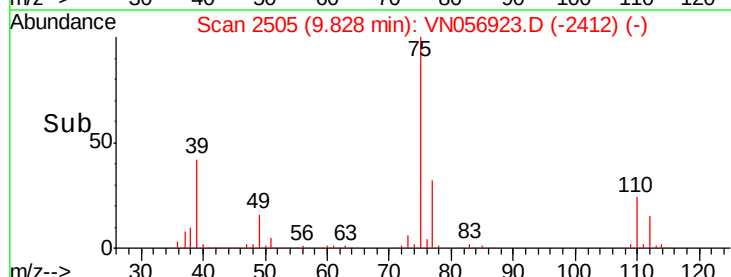
150000

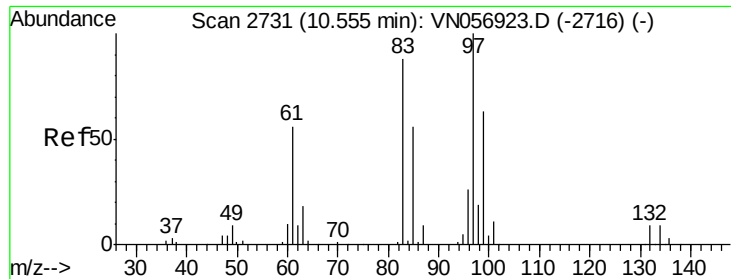
100000

50000

0

Time-->

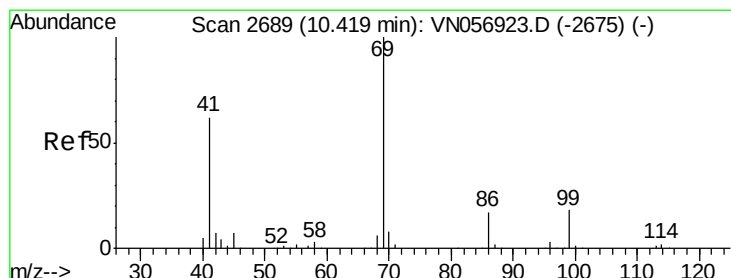
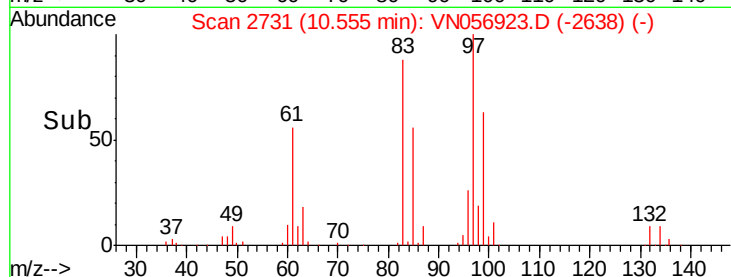
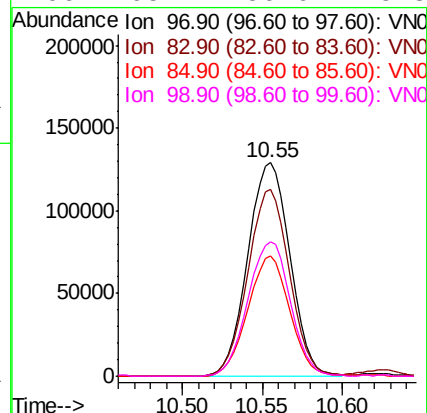
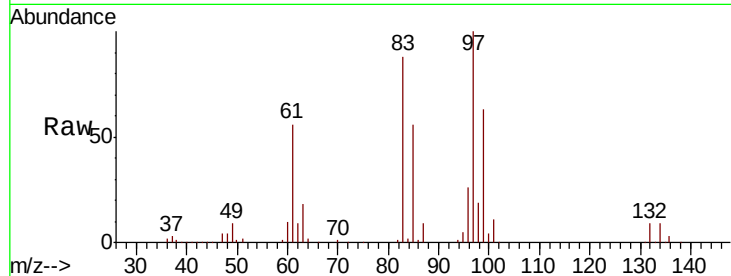




#55
 1,1,2-Trichloroethane
 Concen: 52.693 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

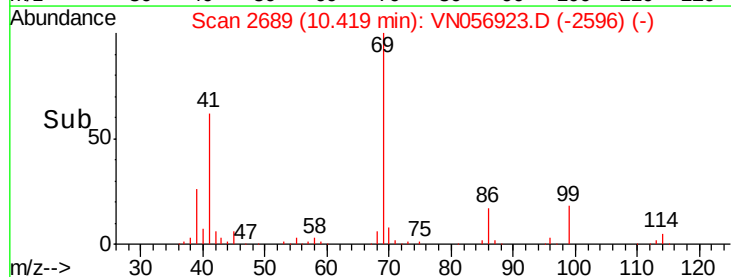
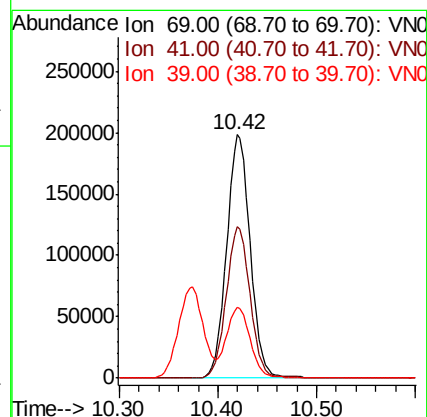
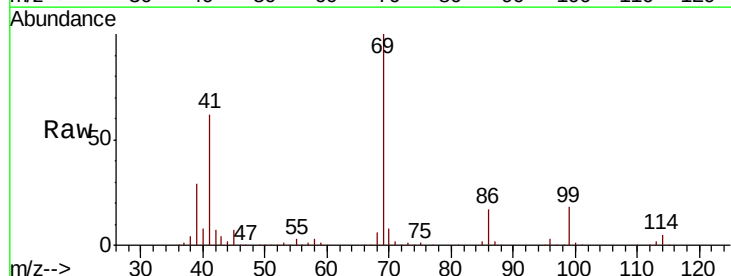
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

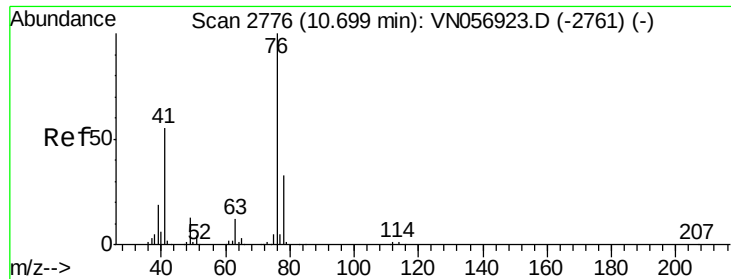
Tot Ion:	97	Resp:	233555
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.1	105.1
85	56.4	45.1	67.7
99	63.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 54.457 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion:	69	Resp:	333194
Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.7	74.5
39	29.5	23.6	35.4





#57

1,3-Dichloropropane

Concen: 53.321 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

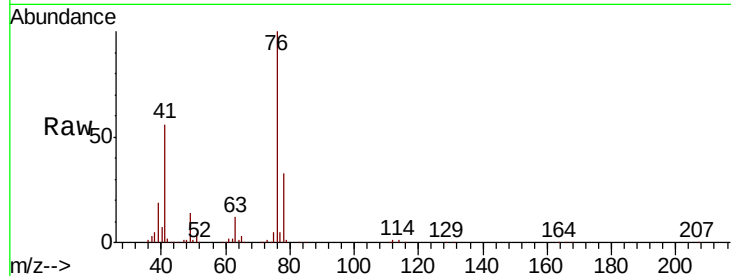
VSTDICCC050

Tot Ion: 76 Resp: 390887

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN056923.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN056923.D (-2761) (-)

250000

200000

150000

100000

50000

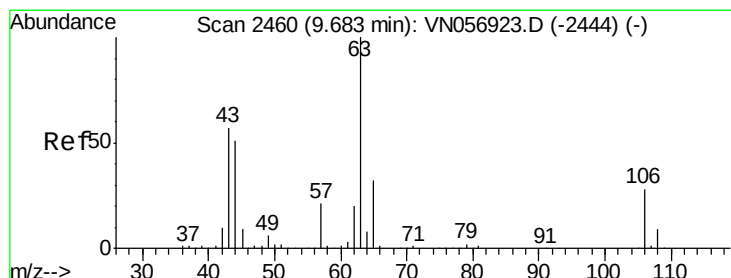
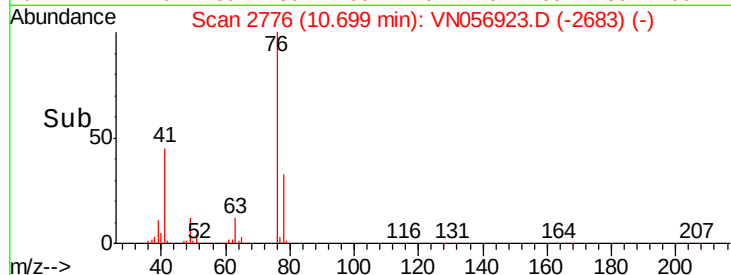
0

10.60

10.70

10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 270.666 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN056923.D

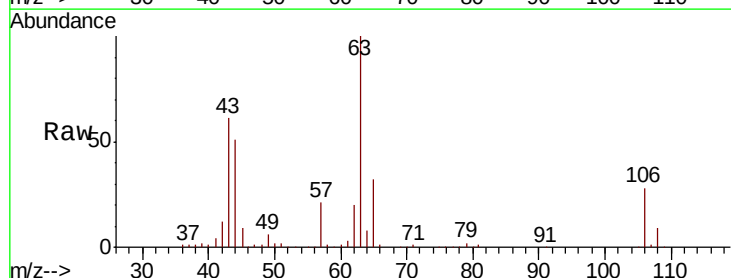
Acq: 25 Jul 2019 15:25

Tgt Ion: 63 Resp: 689948

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4



Abundance Ion 62.90 (62.60 to 63.60): VN056923.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN056923.D (-2444) (-)

400000

300000

200000

100000

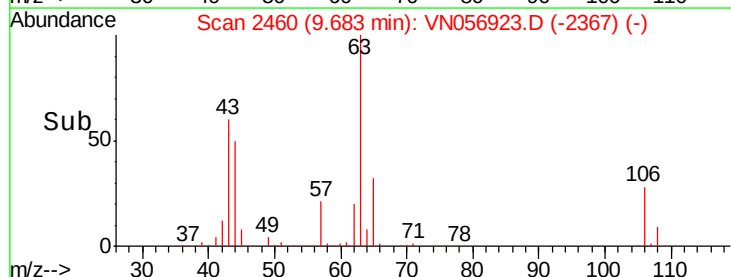
0

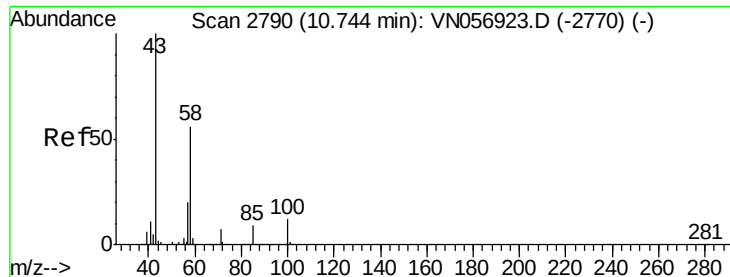
9.60

9.70

9.80

Time-->

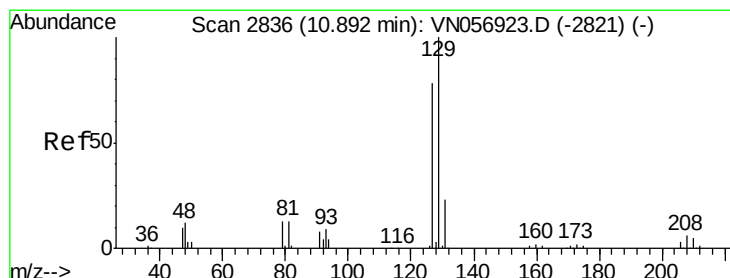
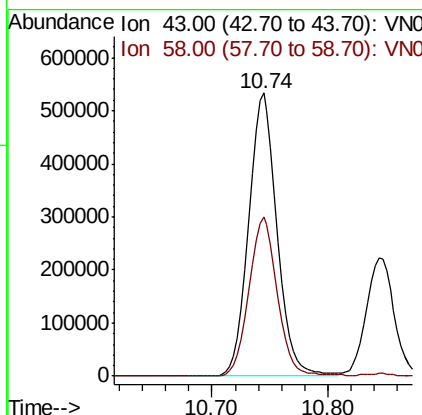
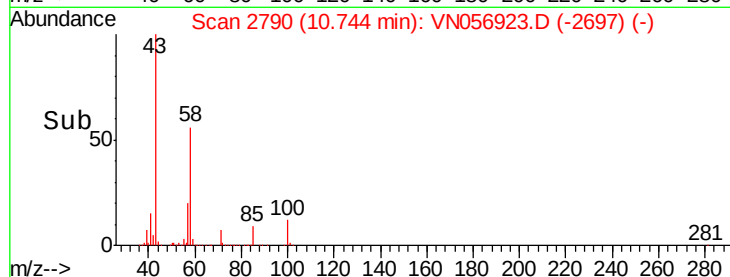
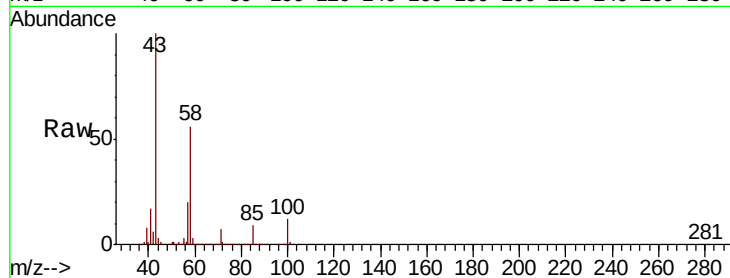




#59
2-Hexanone
Concen: 268.780 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

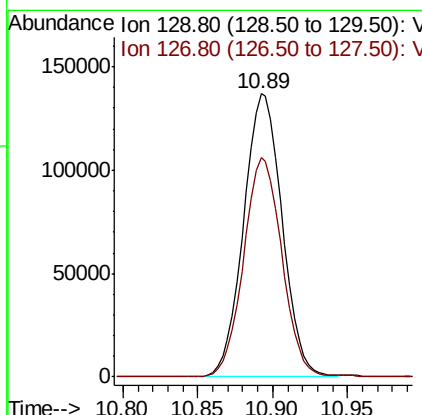
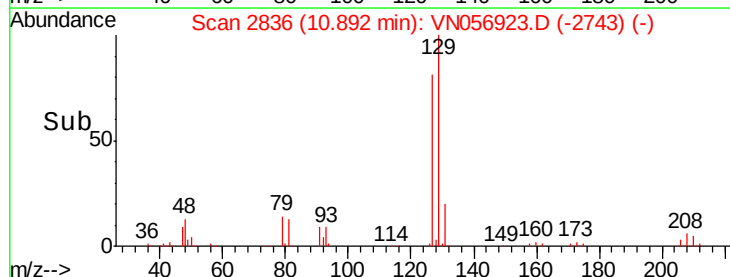
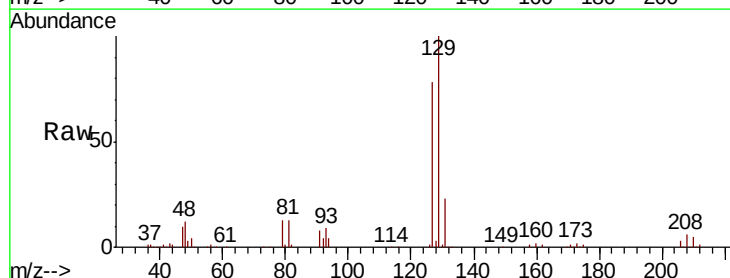
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

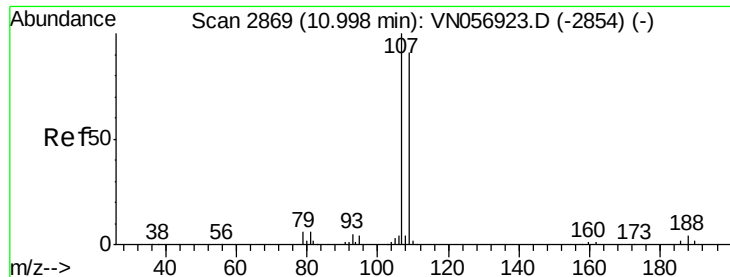
Tot Ion: 43 Resp: 912484
Ion Ratio Lower Upper
43 100
58 56.4 28.2 84.6



#60
Dibromochloromethane
Concen: 55.278 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 129 Resp: 245964
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

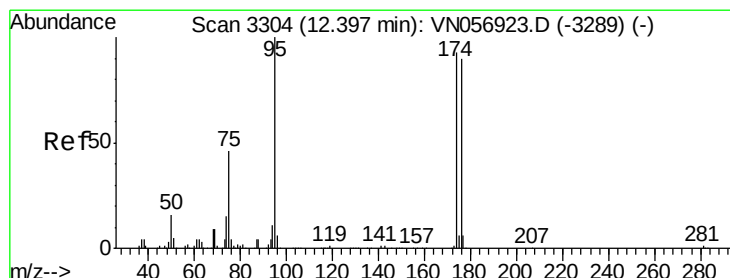
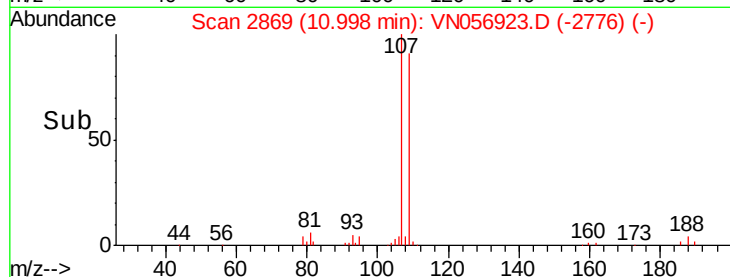
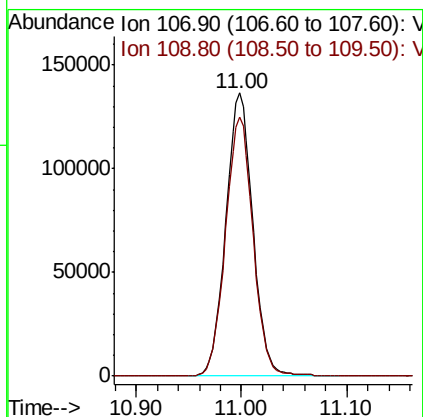
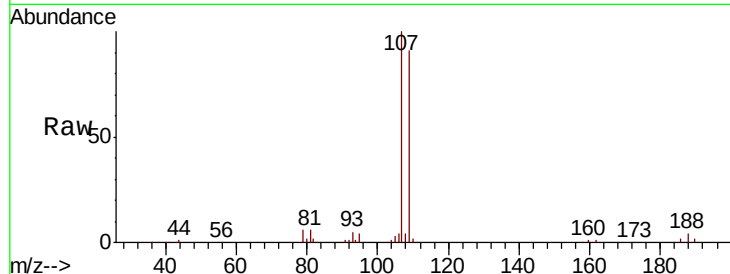




#61
 1,2-Dibromoethane
 Concen: 54.896 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

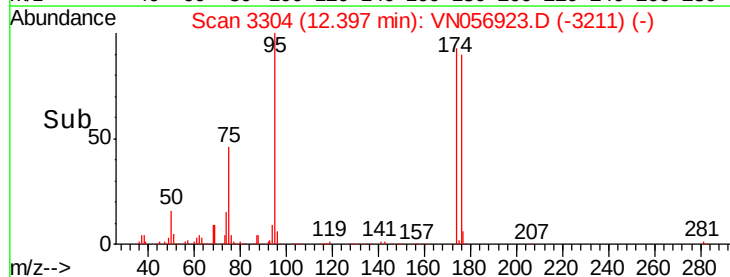
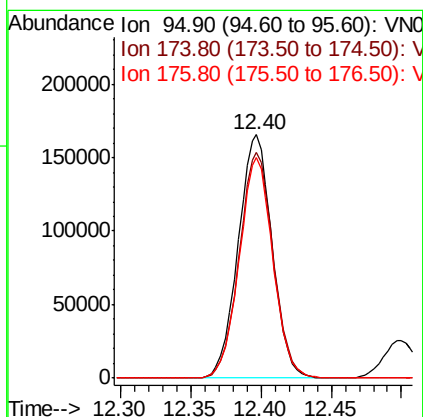
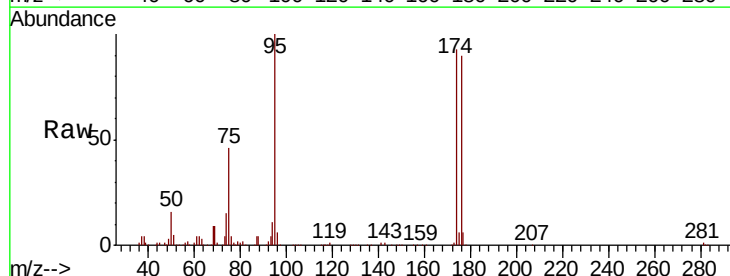
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

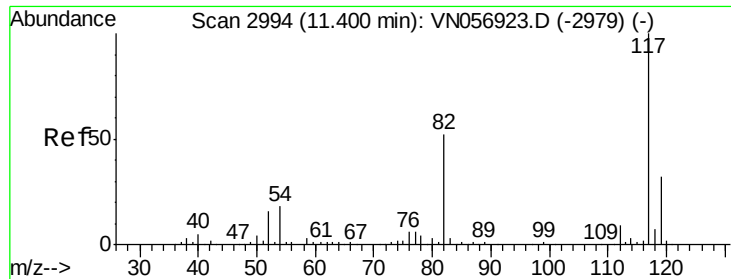
Tot Ion: 107 Resp: 241128
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.659 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion: 95 Resp: 277813
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 186.2
 176 89.8 0.0 179.6

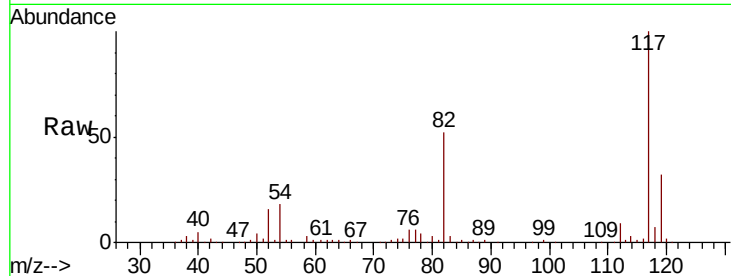




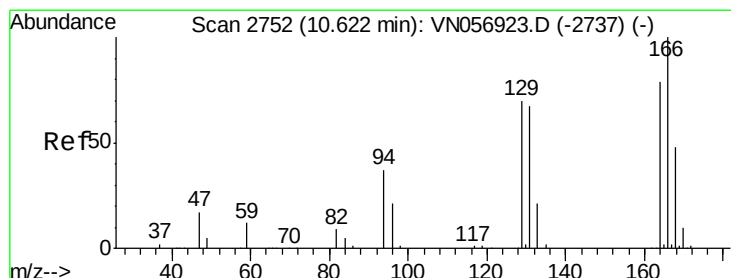
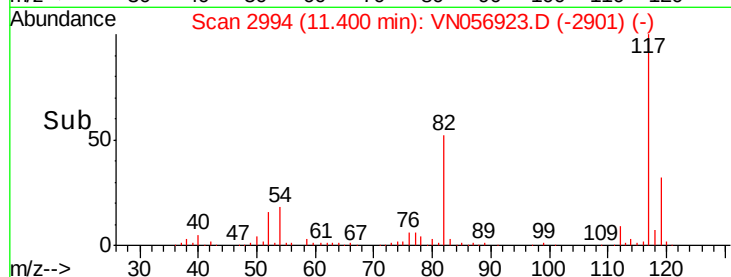
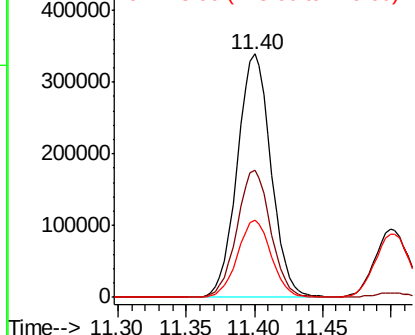
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 583067
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 31.9 25.5 38.3

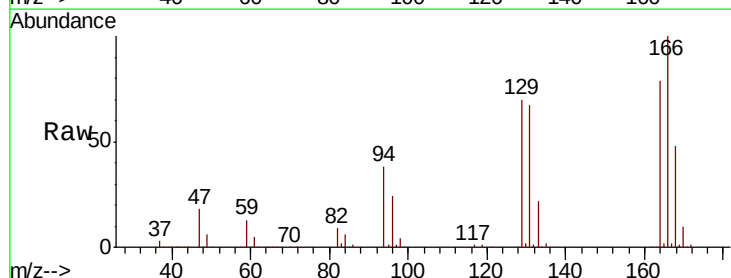


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

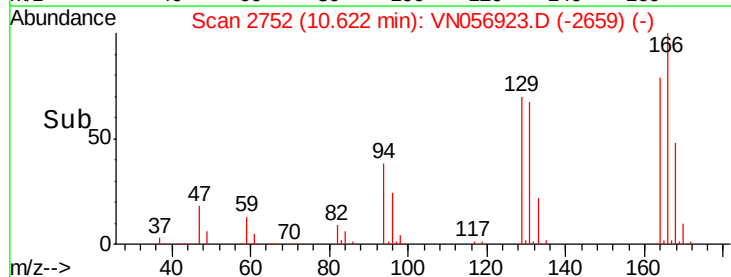
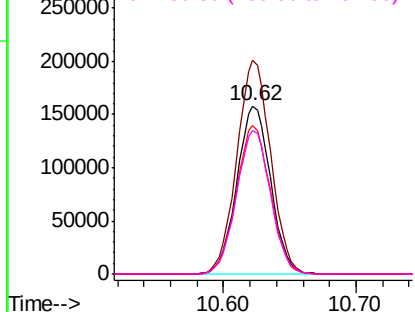


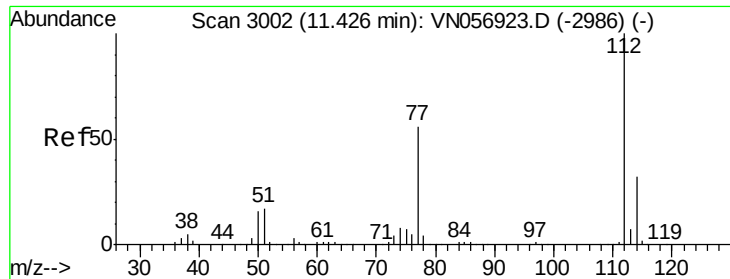
#64
Tetrachloroethene
Concen: 54.793 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion:164 Resp: 278310
Ion Ratio Lower Upper
164 100
166 127.0 101.6 152.4
129 88.6 70.9 106.3
131 85.5 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

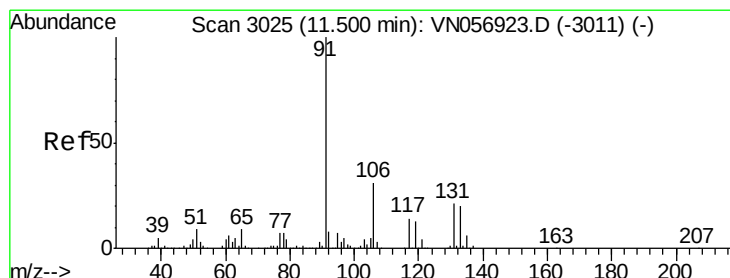
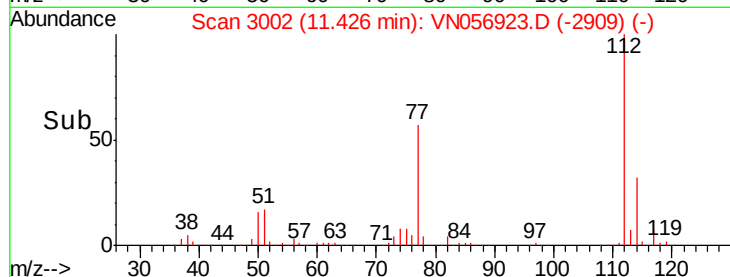
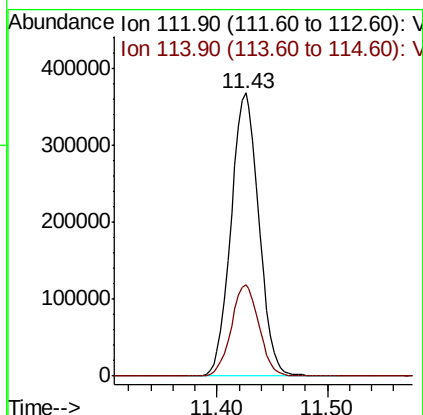
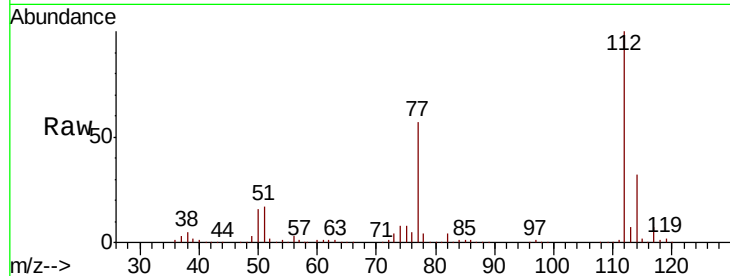




#65
Chlorobenzene
Concen: 52.920 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

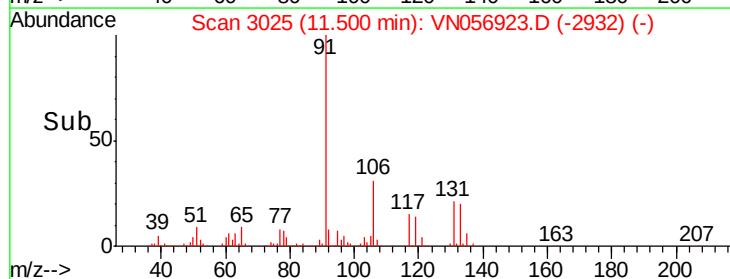
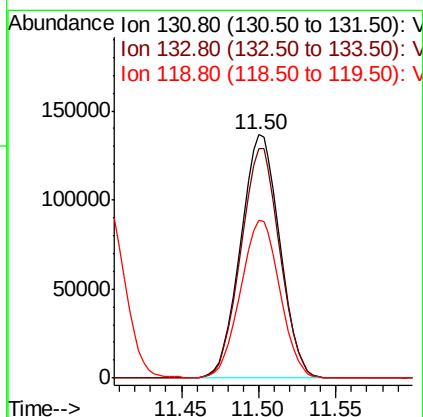
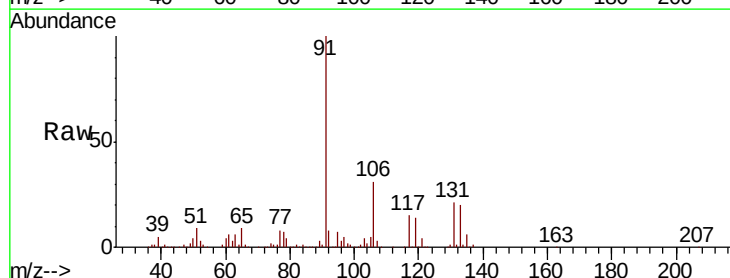
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

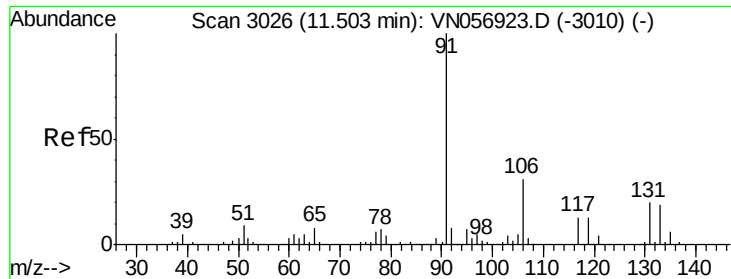
Tot Ion:112 Resp: 644401
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.404 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion:131 Resp: 240752
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 65.3 32.6 98.0

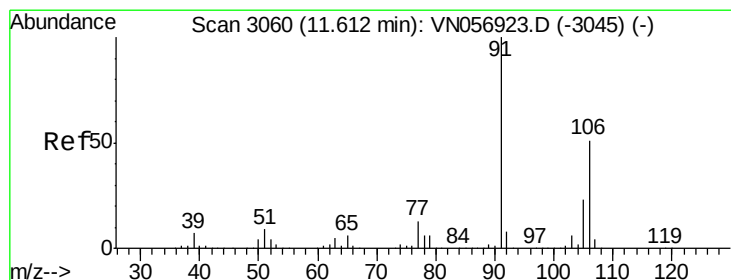
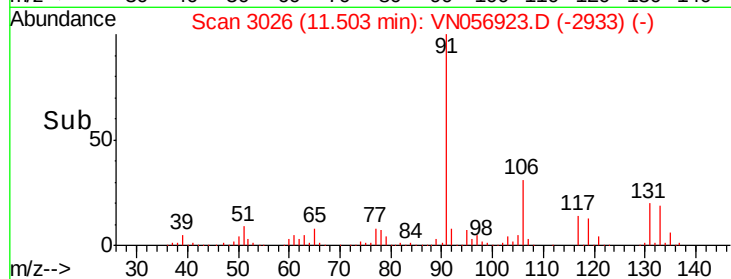
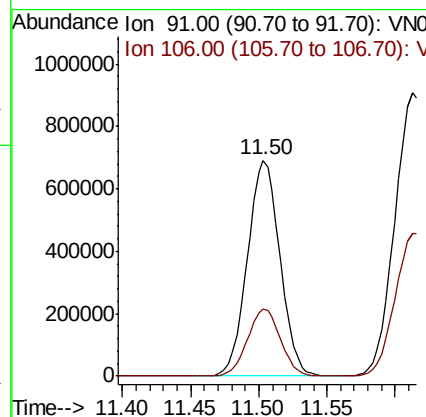
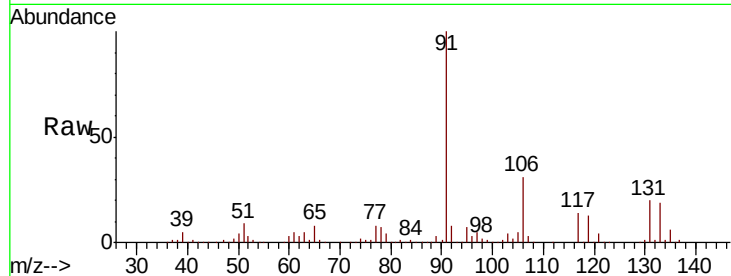




#67
Ethyl Benzene
Concen: 54.416 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

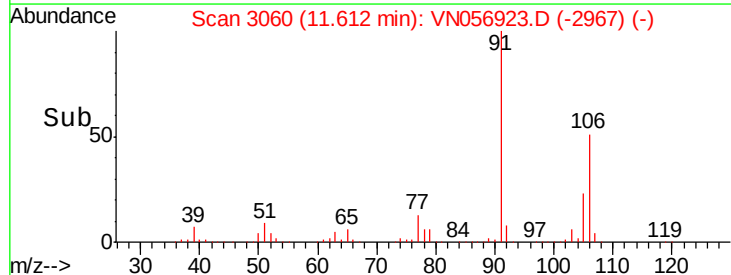
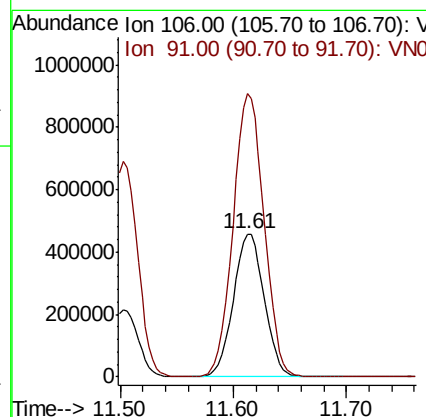
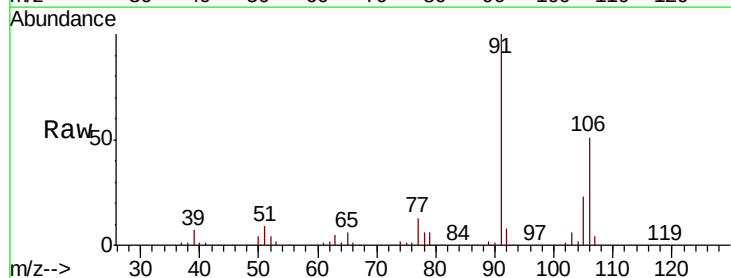
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

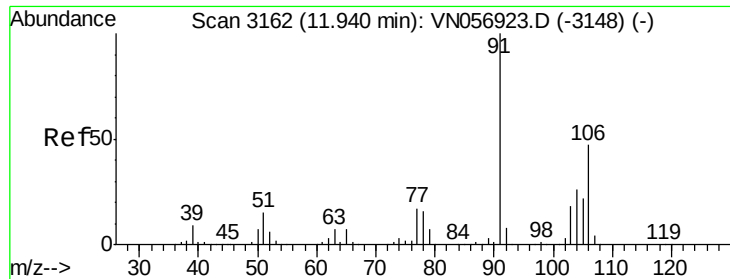
Tot Ion: 91 Resp: 1145055
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 109.660 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 106 Resp: 864134
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4

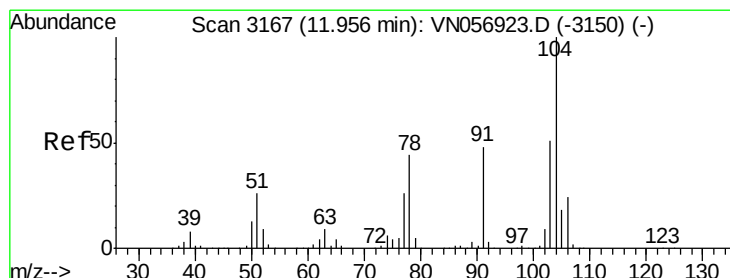
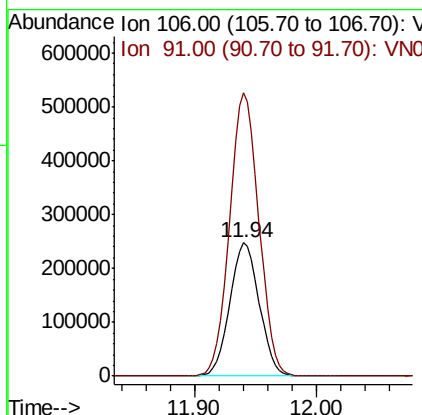
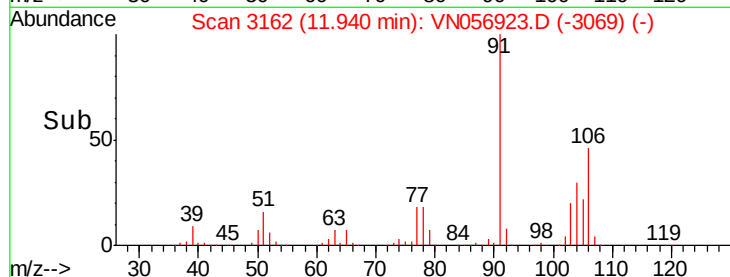
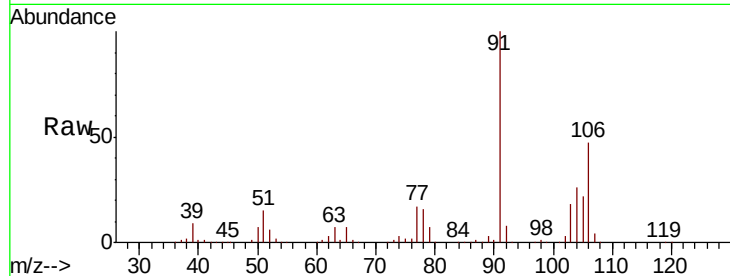




#69
o-Xylene
Concen: 54.226 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

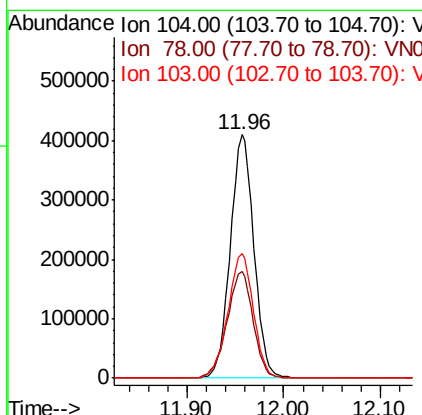
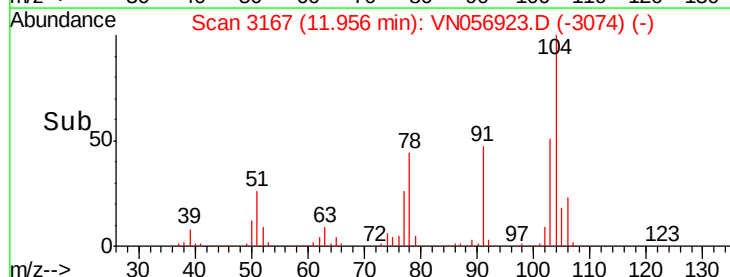
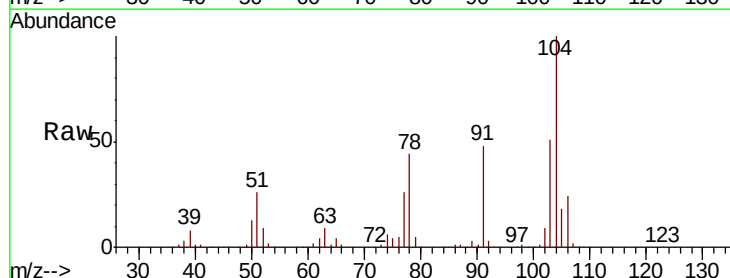
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

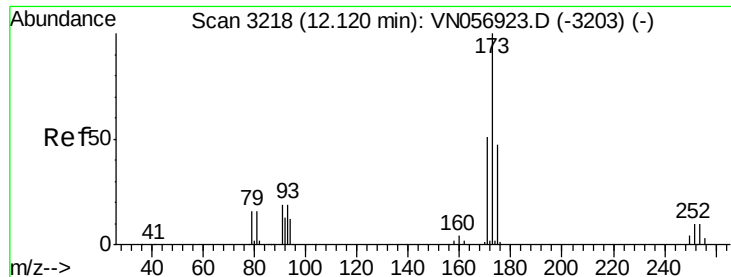
Tot Ion:106 Resp: 416172
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0



#70
Styrene
Concen: 56.736 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion:104 Resp: 694386
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.1 44.1 66.1

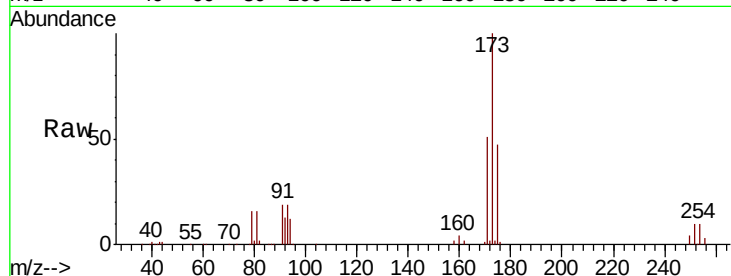




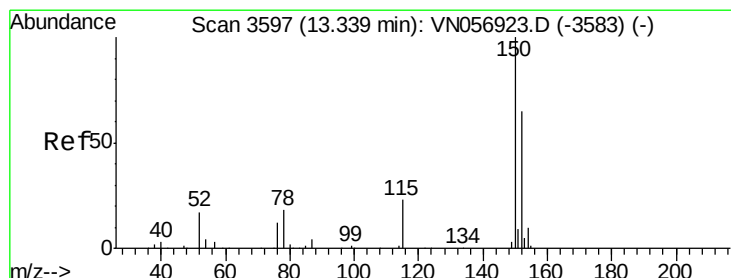
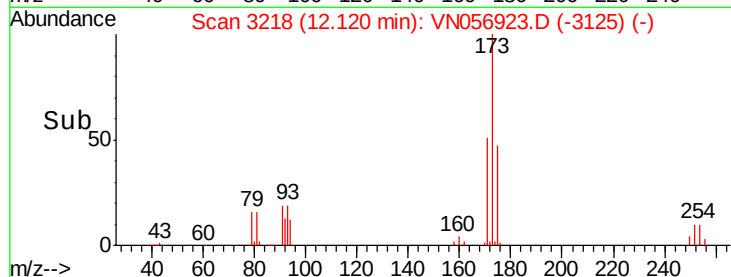
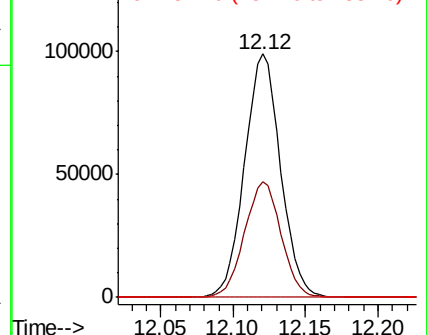
#71
Bromoform
Concen: 53.948 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:173 Resp: 170625
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.1 0.1#

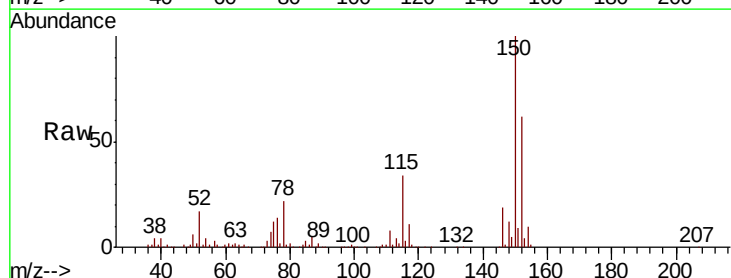


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

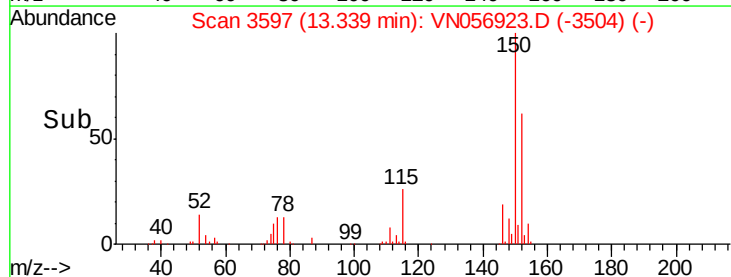
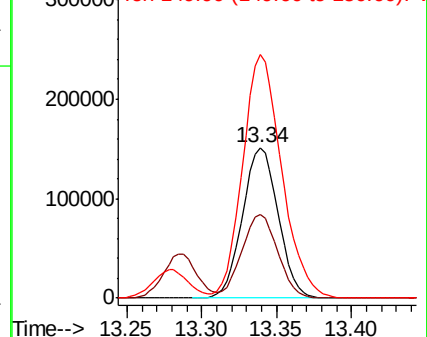


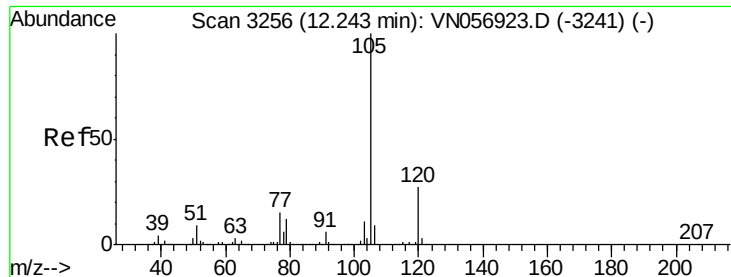
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion:152 Resp: 251492
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 177.1 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: 50.190 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

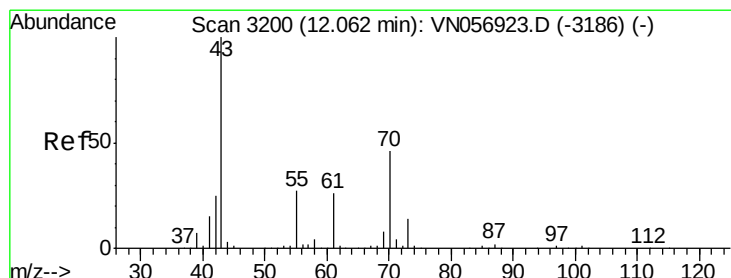
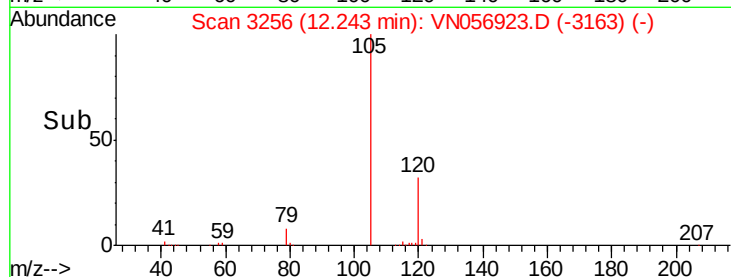
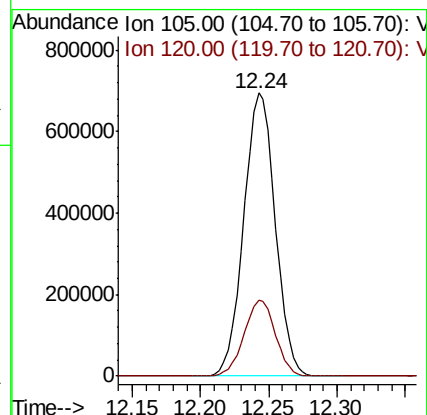
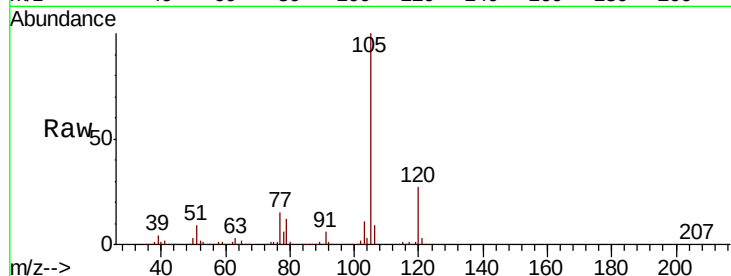
VSTDICCC050

Tot Ion:105 Resp: 1112605

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 46.855 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Tgt Ion: 43 Resp: 343823

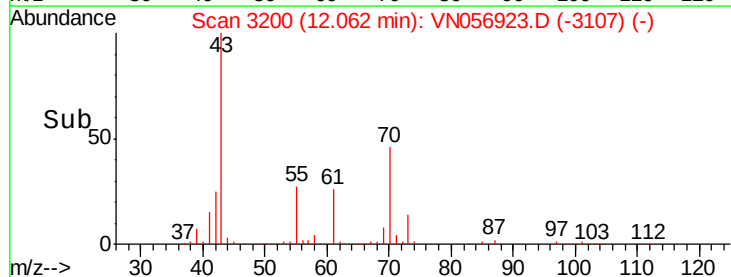
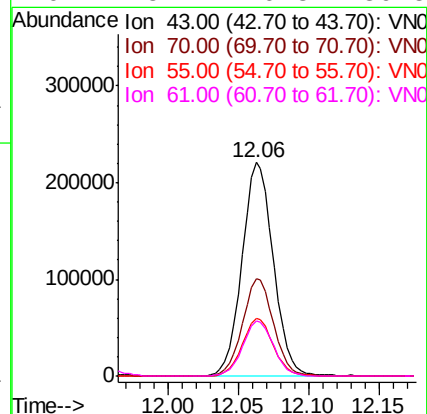
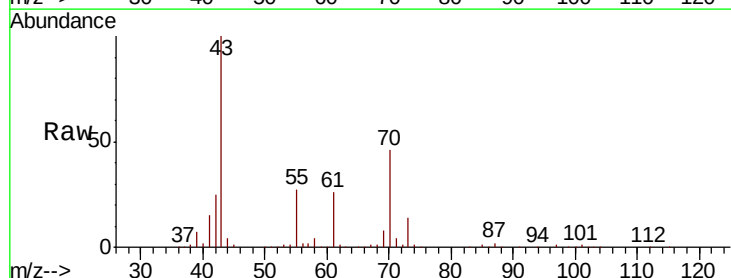
Ion Ratio Lower Upper

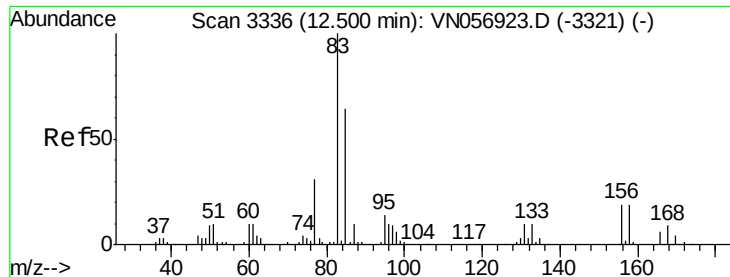
43 100

70 44.9 35.9 53.9

55 26.8 21.4 32.2

61 25.4 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.432 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

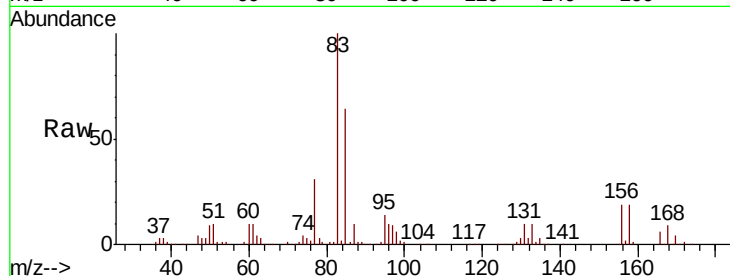
Tot Ion: 83 Resp: 302468

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	64.6	32.3	96.9

83 100

131 10.5 5.3 15.8

85 64.6 32.3 96.9

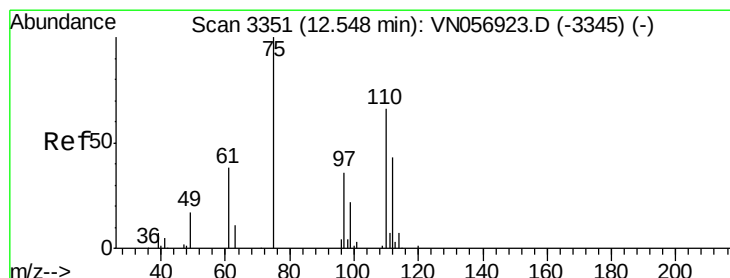
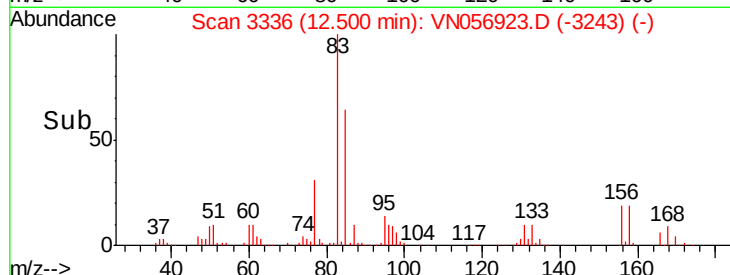
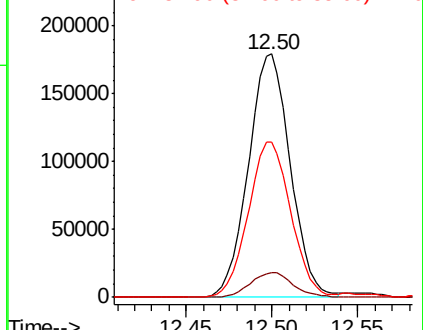


Abundance

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: 69.595 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056923.D

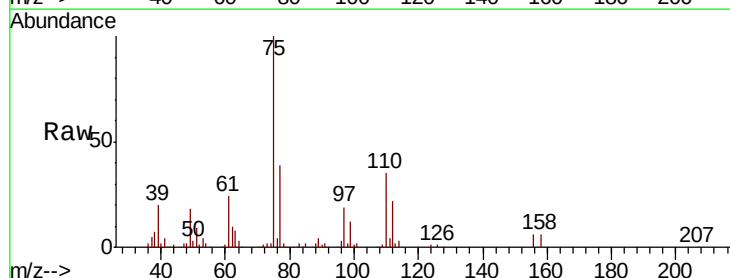
Acq: 25 Jul 2019 15:25

Tgt Ion: 75 Resp: 368880

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

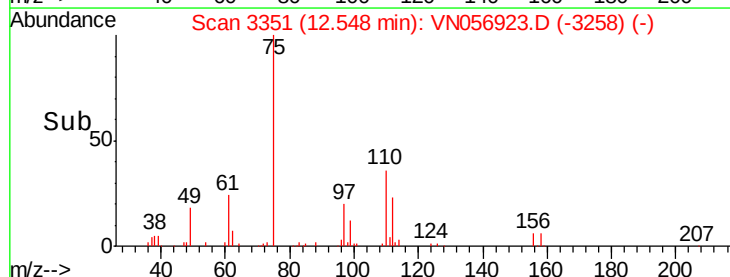
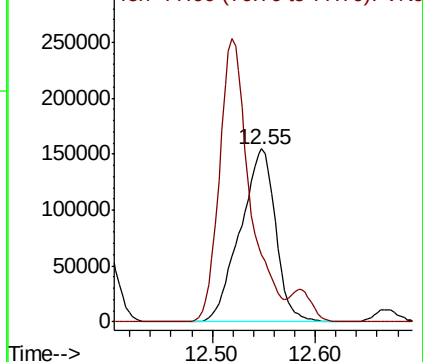
77 0.0 0.0 0.0

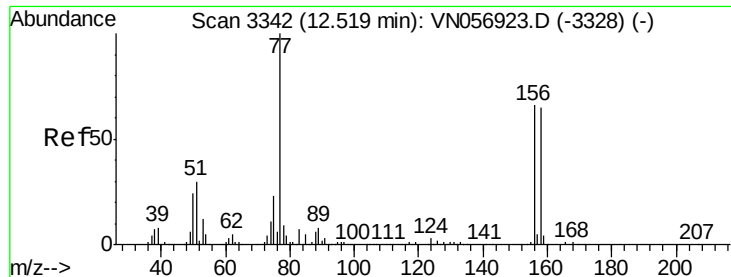


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.773 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

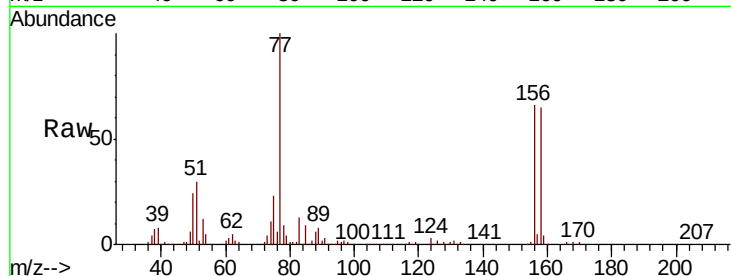
Tot Ion:156 Resp: 286338

Ion Ratio Lower Upper

156 100

77 181.5 90.8 272.3

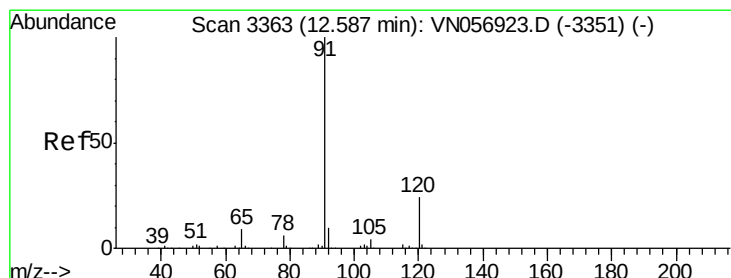
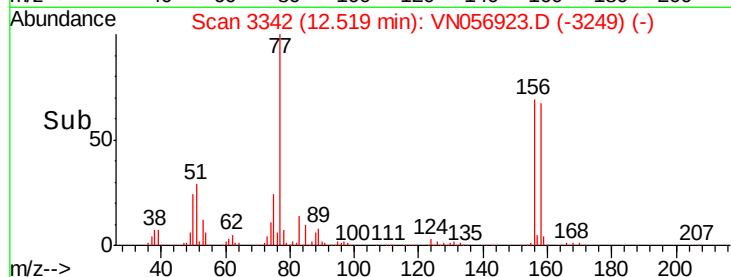
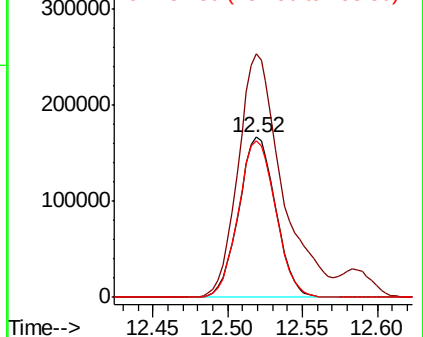
158 99.0 49.5 148.5



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: 52.541 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN056923.D

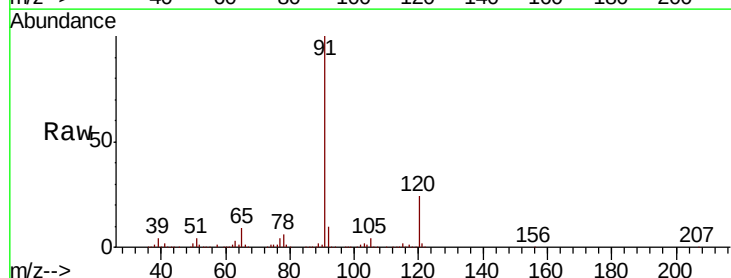
Acq: 25 Jul 2019 15:25

Tgt Ion: 91 Resp: 1228705

Ion Ratio Lower Upper

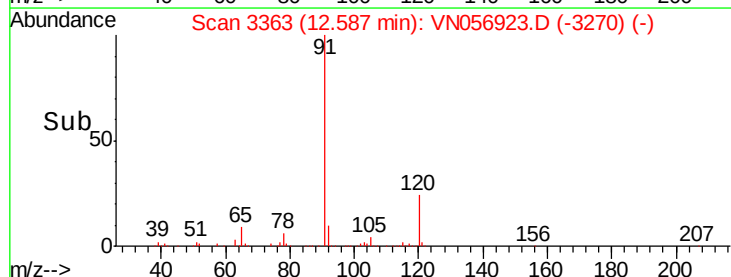
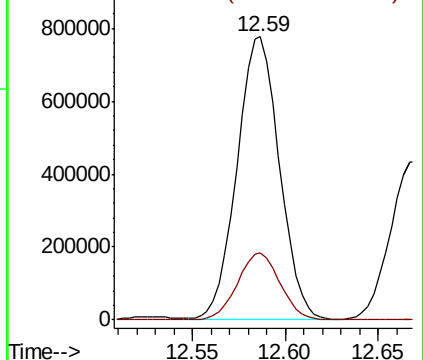
91 100

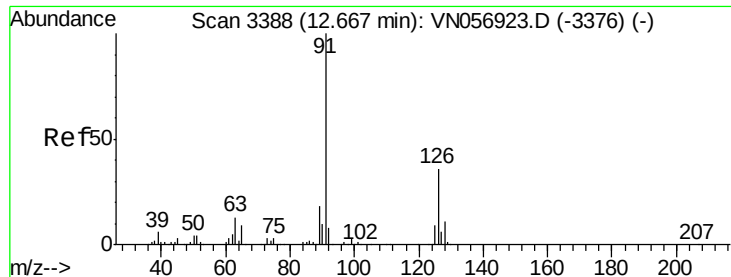
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.854 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

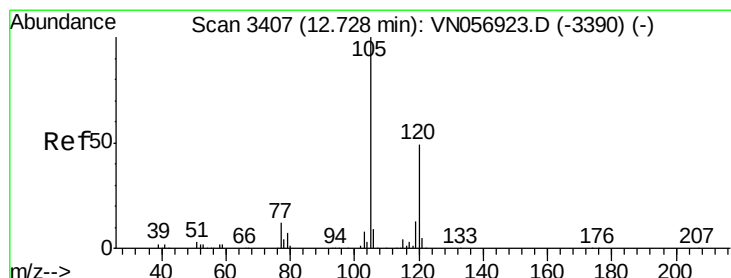
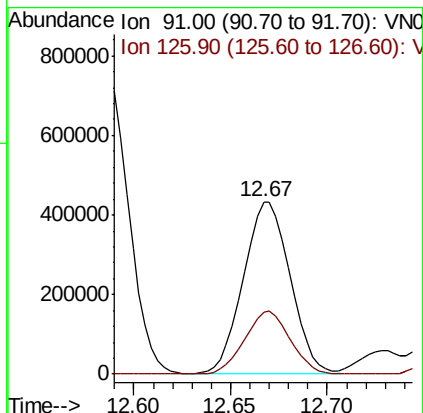
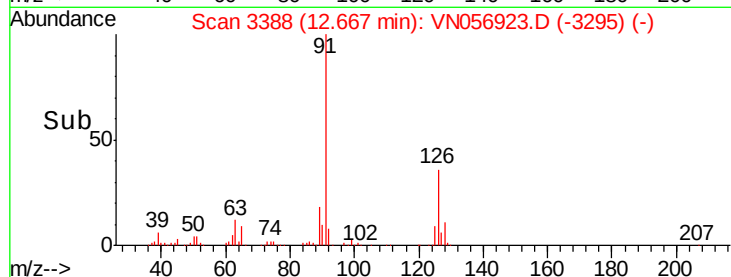
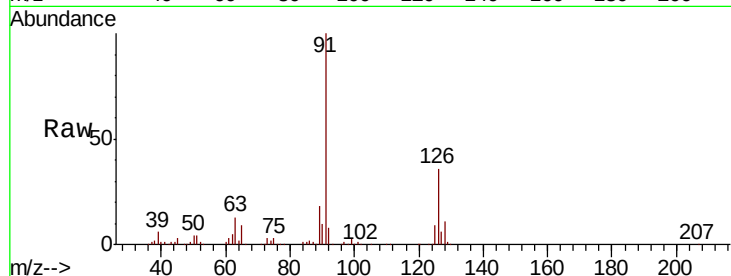
VSTDICCC050

Tot Ion: 91 Resp: 728552

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.340 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN056923.D

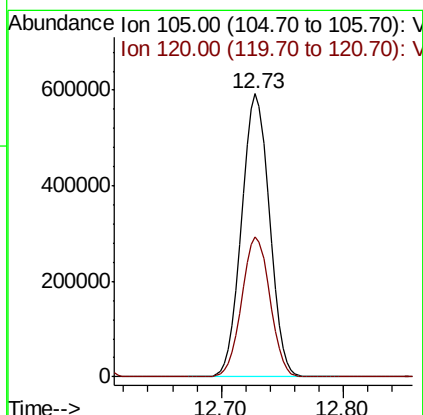
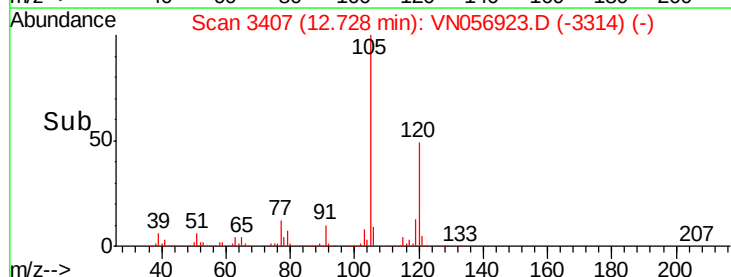
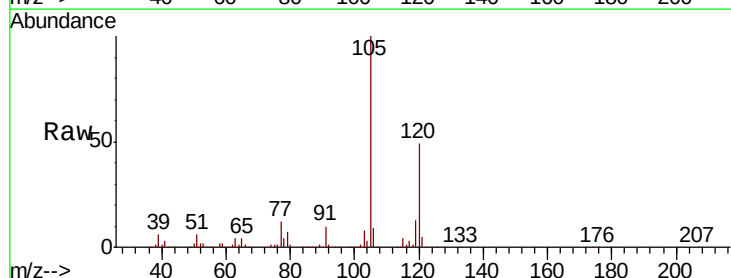
Acq: 25 Jul 2019 15:25

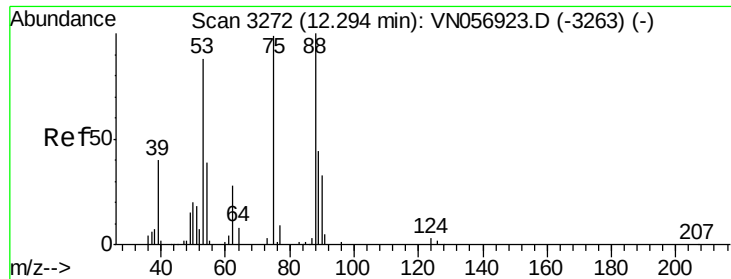
Tgt Ion: 105 Resp: 929997

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.508 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

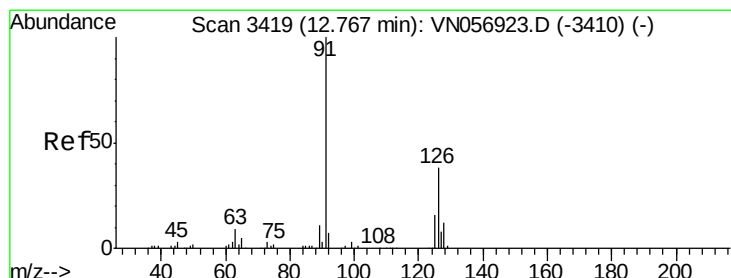
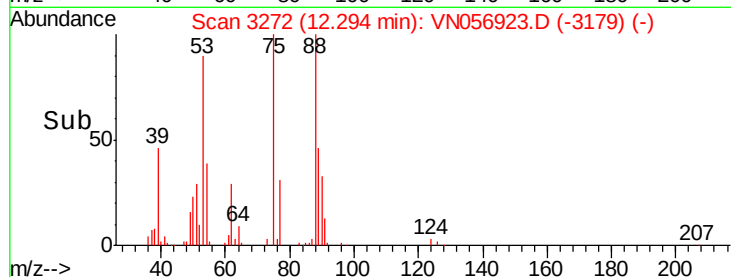
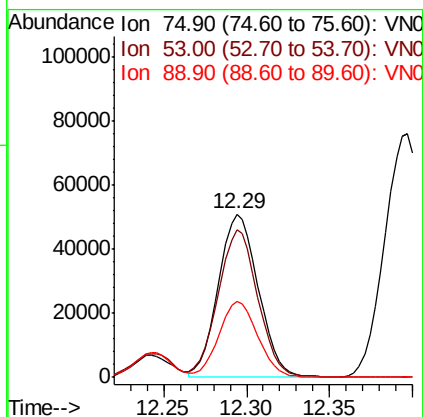
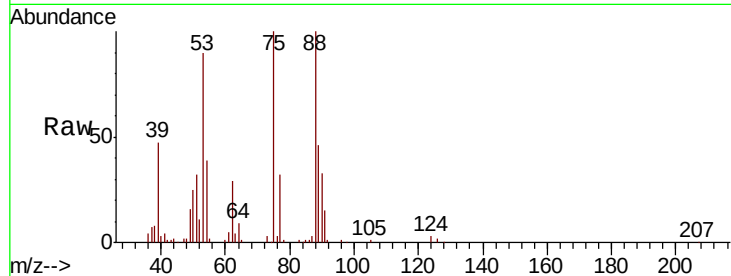
Tot Ion: 75 Resp: 85527

Ion Ratio Lower Upper

75 100

53 90.4 72.3 108.5

89 45.2 36.2 54.2



#82

4-Chlorotoluene

Concen: 51.768 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN056923.D

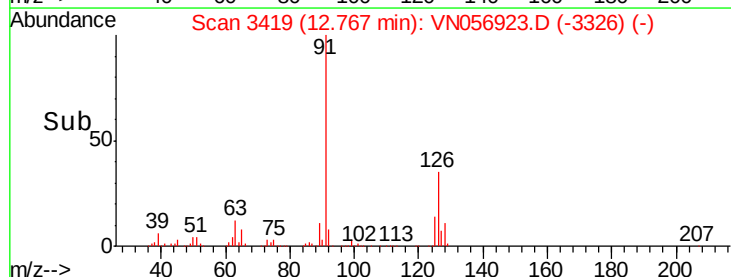
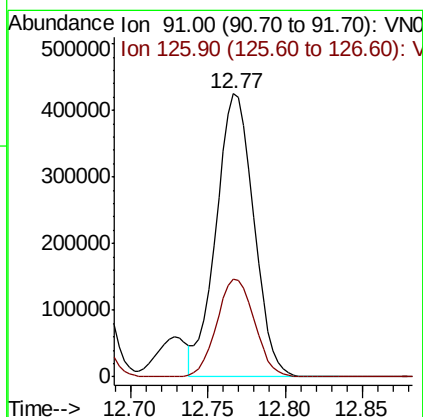
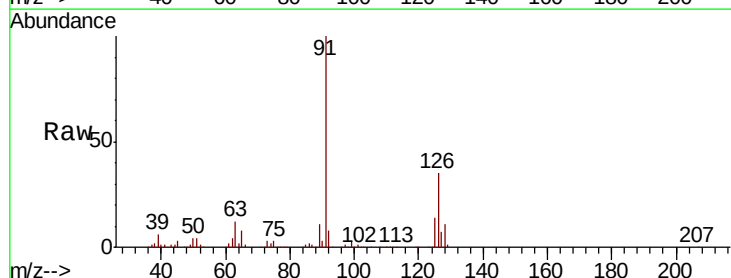
Acq: 25 Jul 2019 15:25

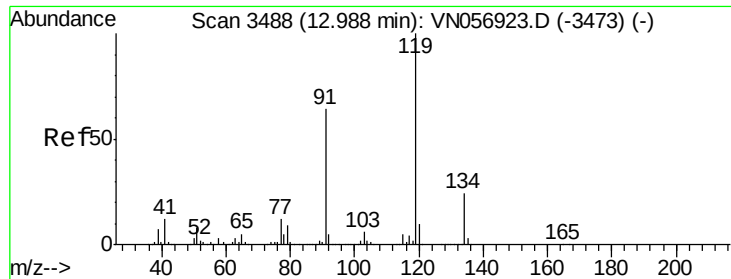
Tgt Ion: 91 Resp: 718462

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7

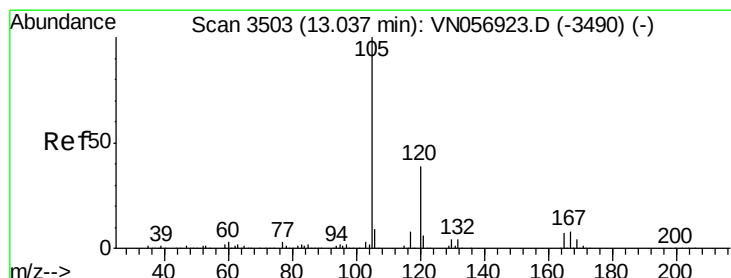
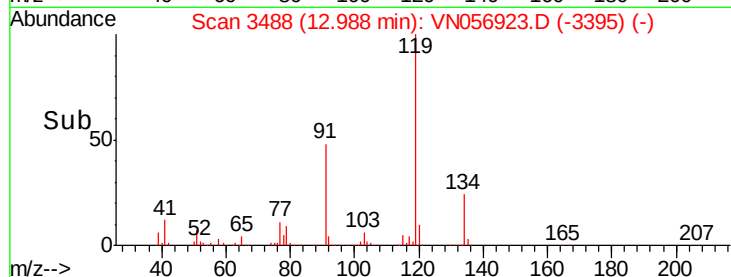
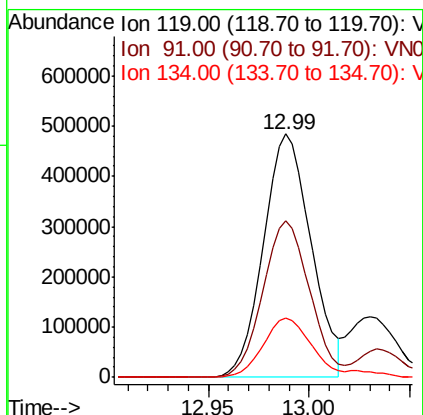
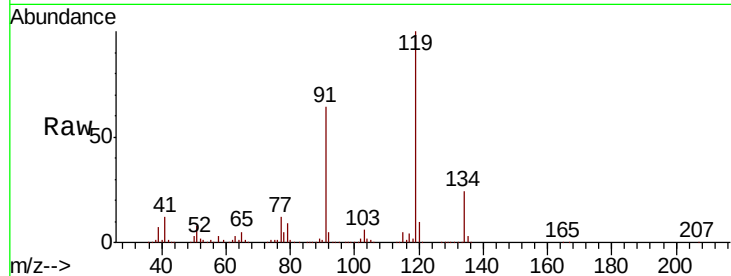




#83
 tert-Butylbenzene
 Concen: 49.192 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

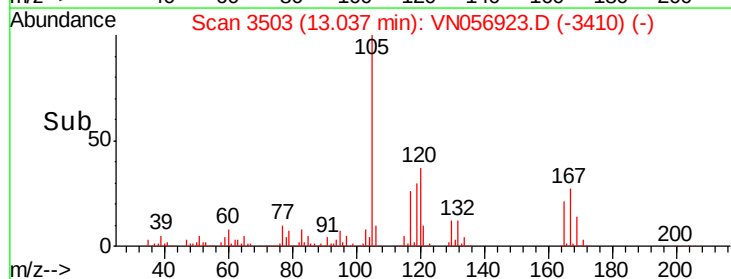
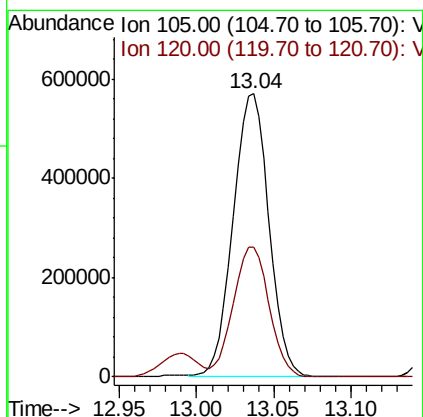
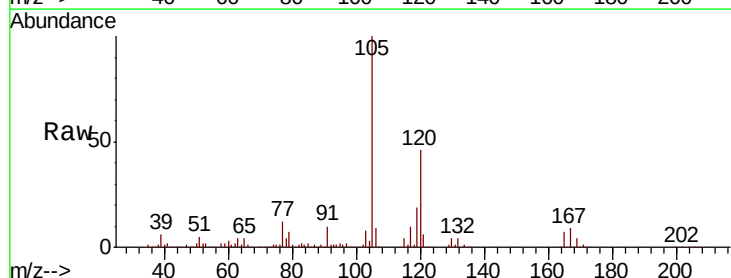
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

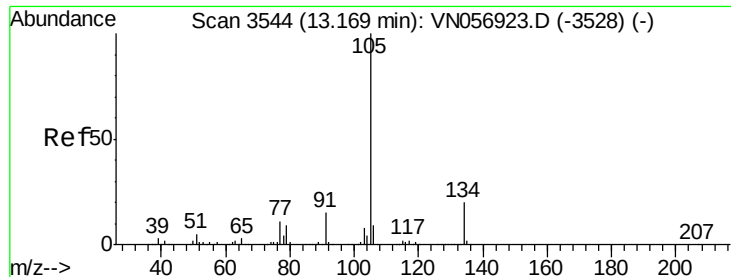
Tot Ion:119 Resp: 795627
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 95.0
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.965 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion:105 Resp: 914706
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.292 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

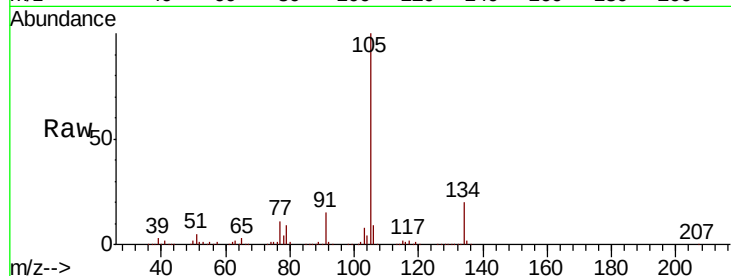
VSTDICCC050

Tot Ion:105 Resp: 1061586

Ion Ratio Lower Upper

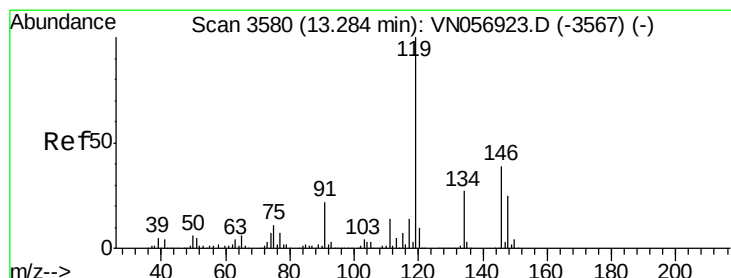
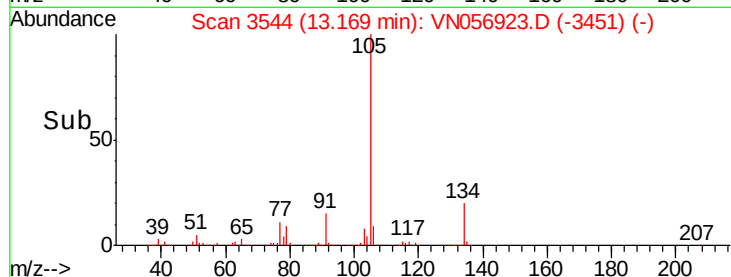
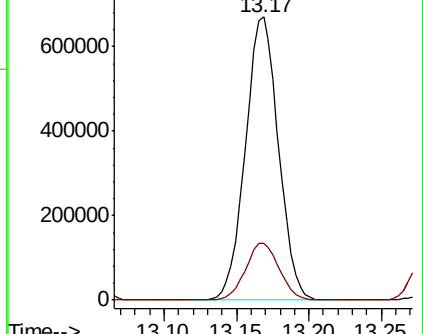
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.085 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

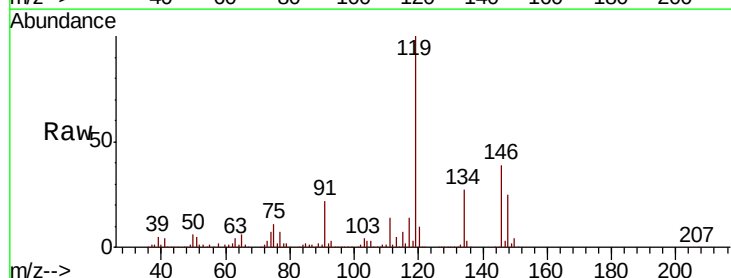
Tgt Ion:119 Resp: 961804

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

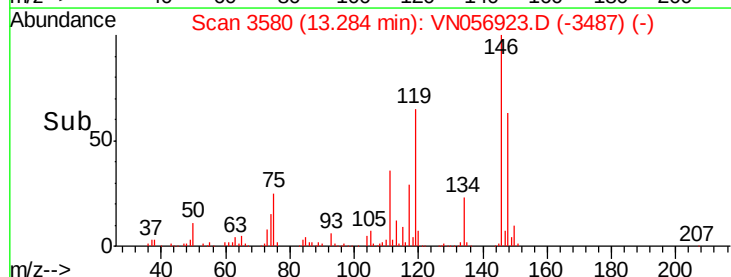
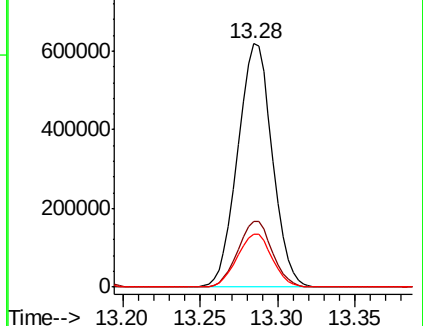
91 22.0 11.0 33.0

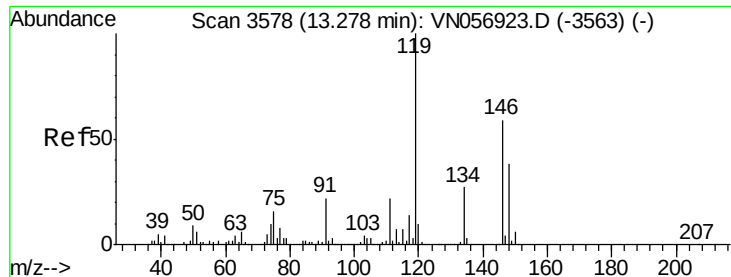


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

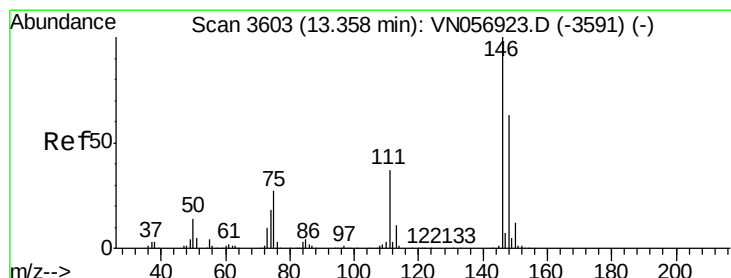
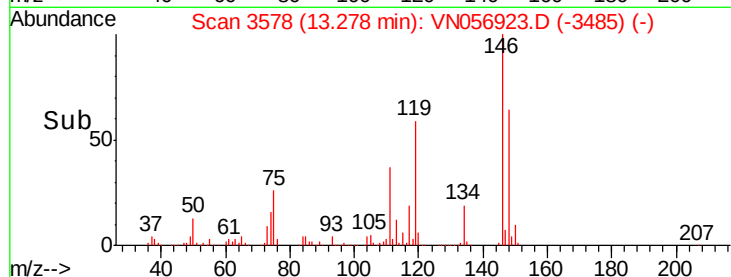
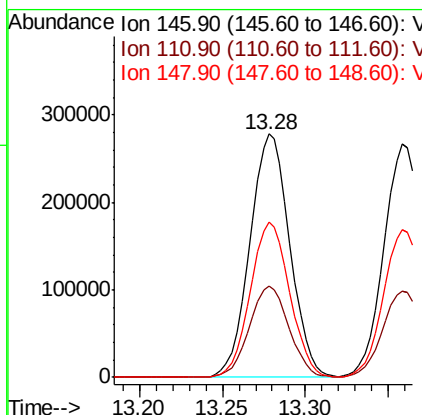
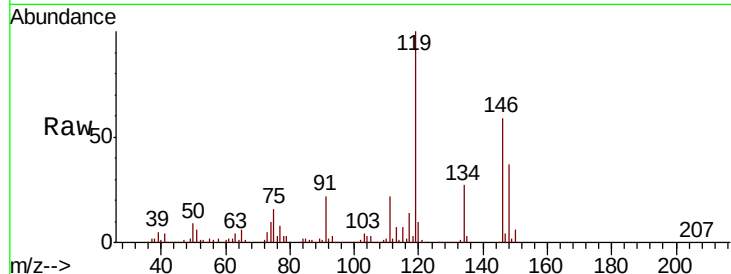




#87
 1,3-Dichlorobenzene
 Concen: 52.379 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

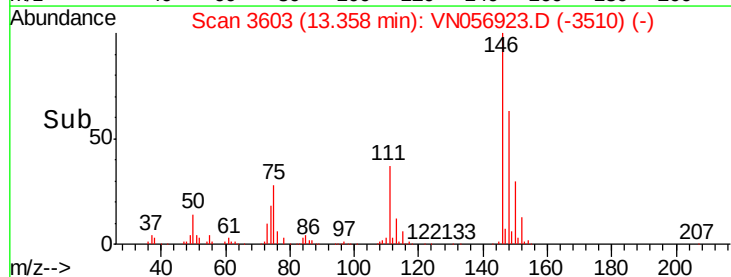
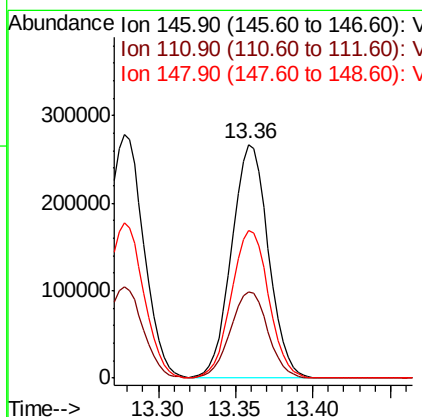
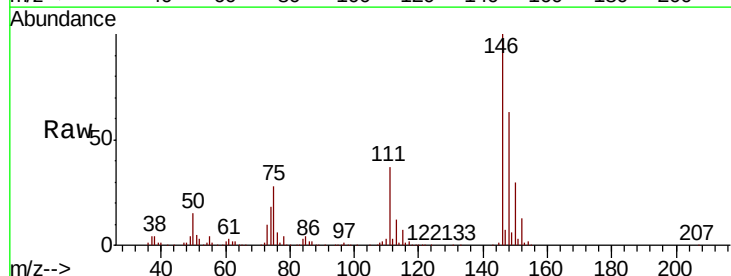
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

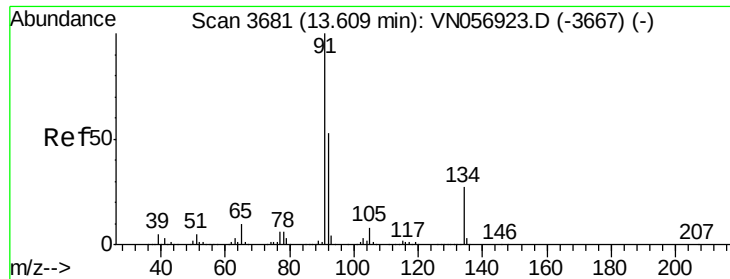
Tot Ion:146 Resp: 465225
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 51.369 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion:146 Resp: 441359
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.2 32.1 96.3

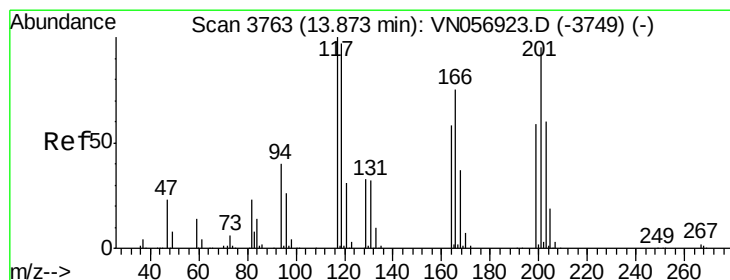
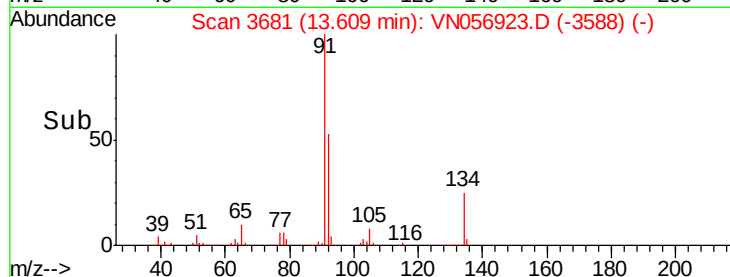
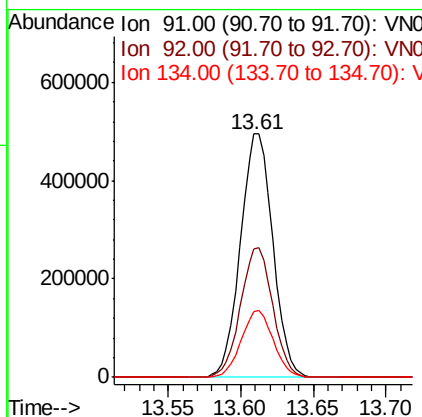
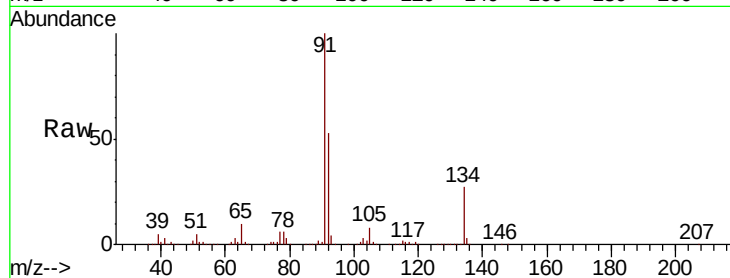




#89
n-Butylbenzene
Concen: 54.403 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

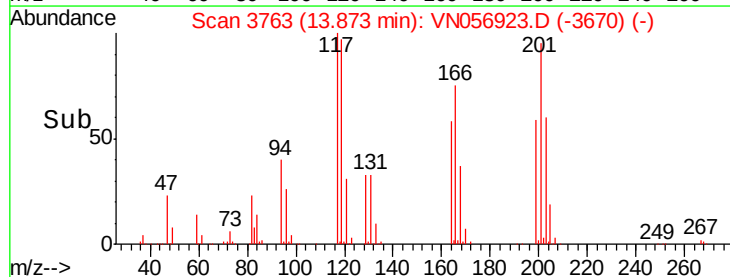
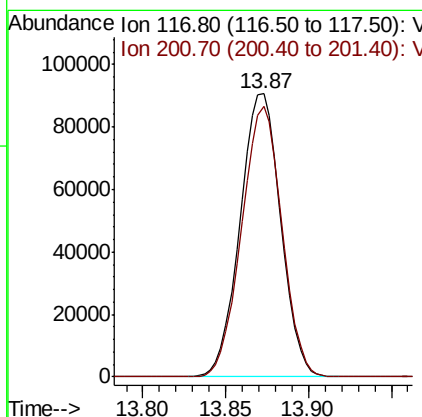
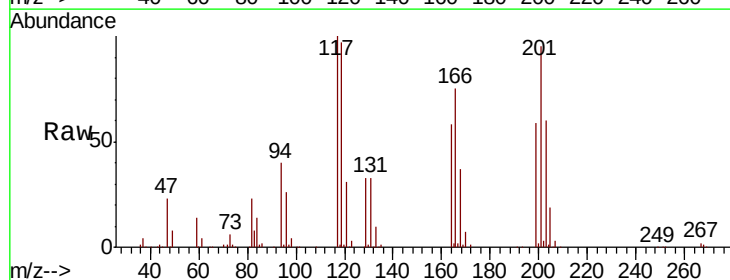
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

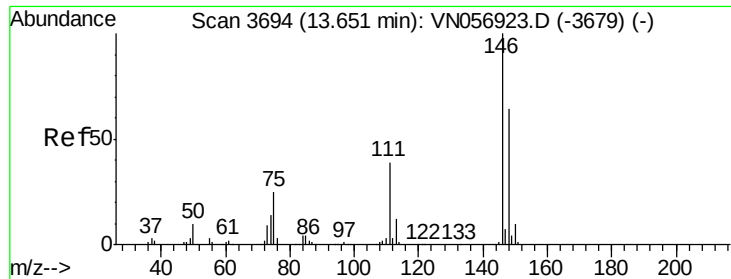
Tot Ion: 91 Resp: 770065
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 48.398 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056923.D
Acq: 25 Jul 2019 15:25

Tgt Ion: 117 Resp: 154559
Ion Ratio Lower Upper
117 100
201 94.7 47.3 142.0

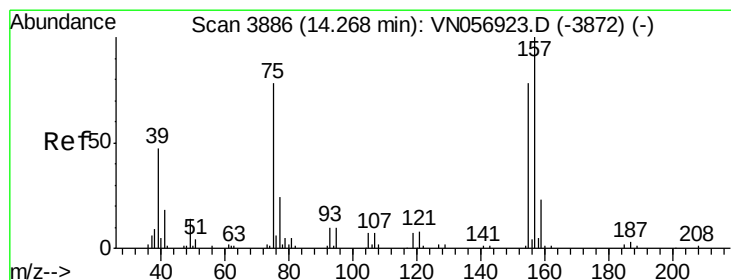
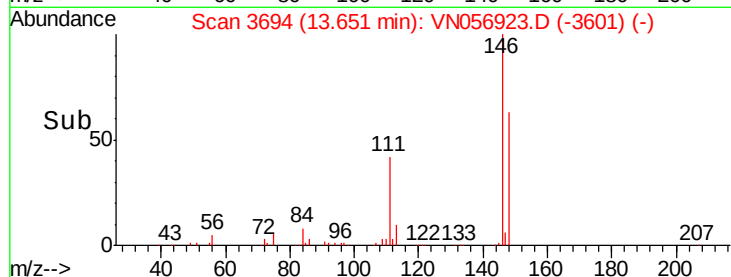
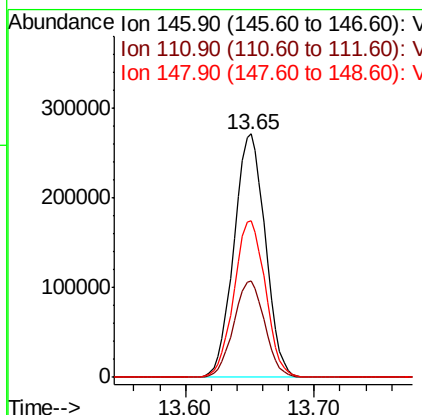
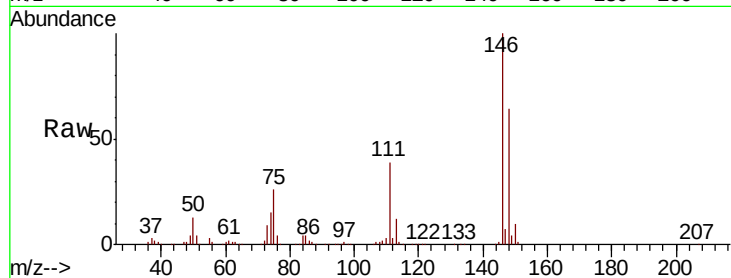




#91
 1,2-Dichlorobenzene
 Concen: 51.547 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

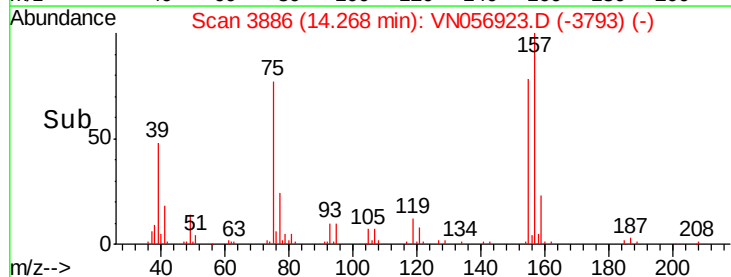
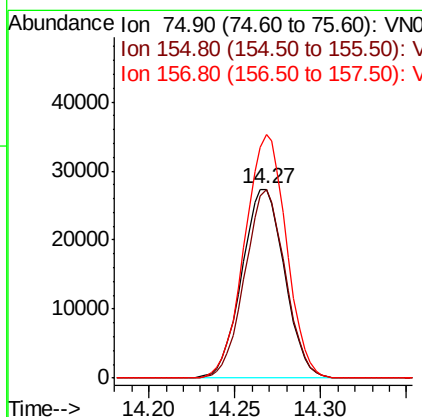
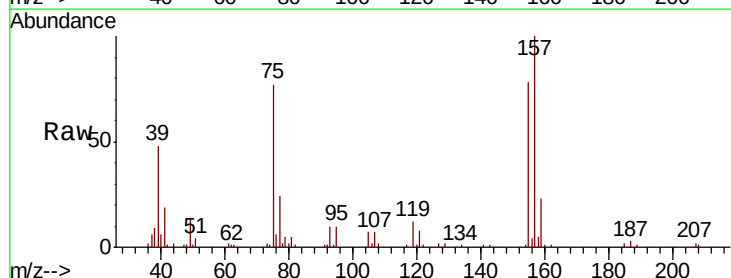
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

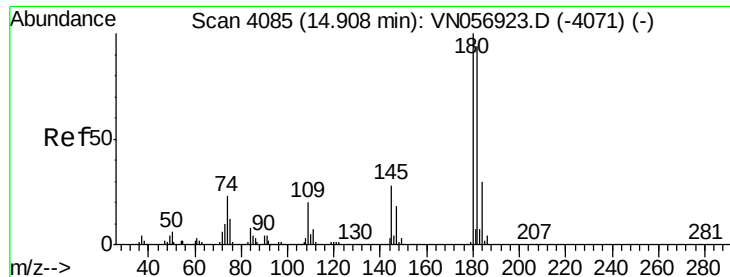
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.4	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.768 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	47.3	141.9
157	126.0	63.0	189.0

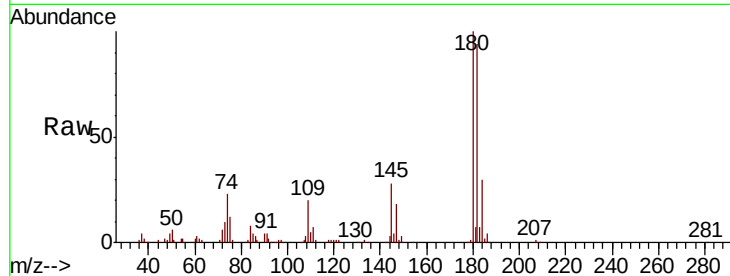




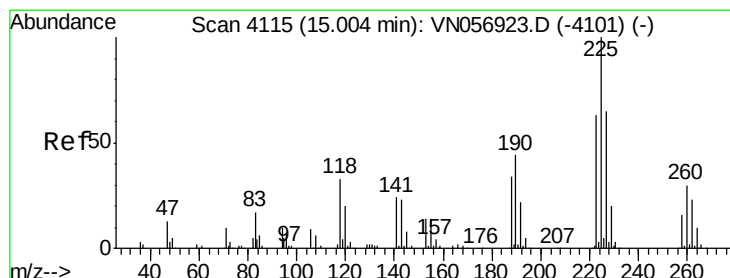
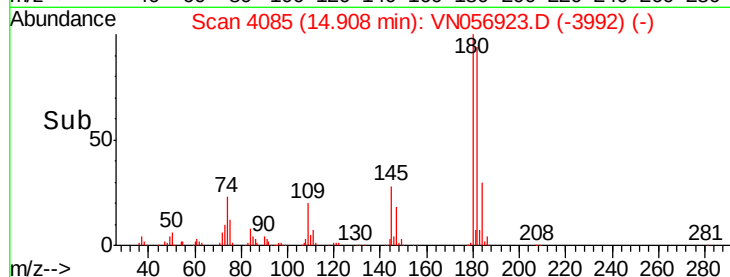
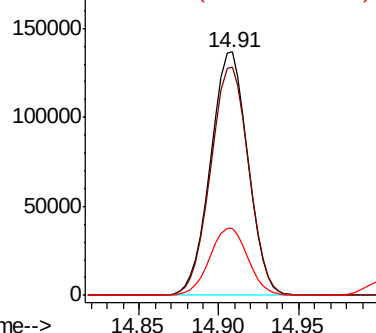
#93
 1,2,4-Trichlorobenzene
 Concen: 56.751 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 217314
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 28.3 14.1 42.4

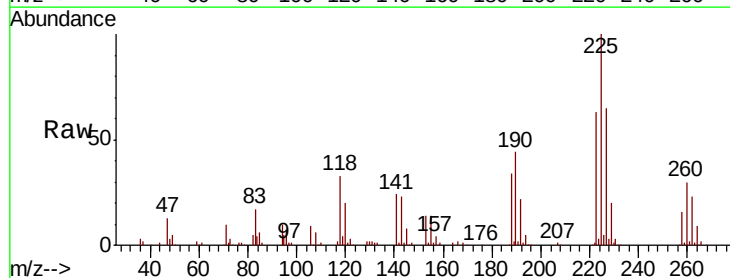


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

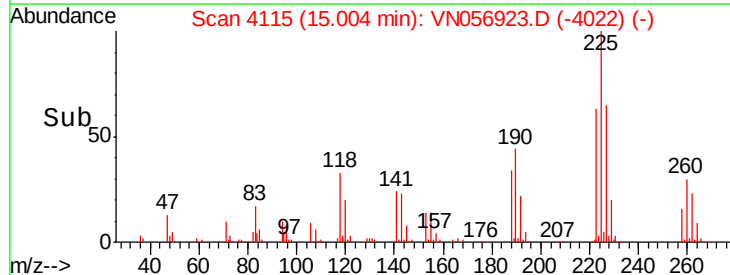
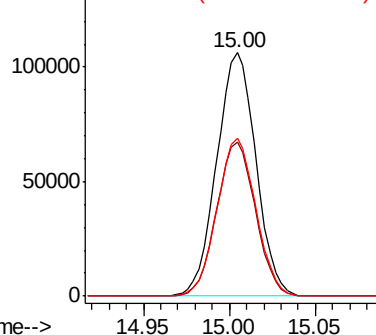


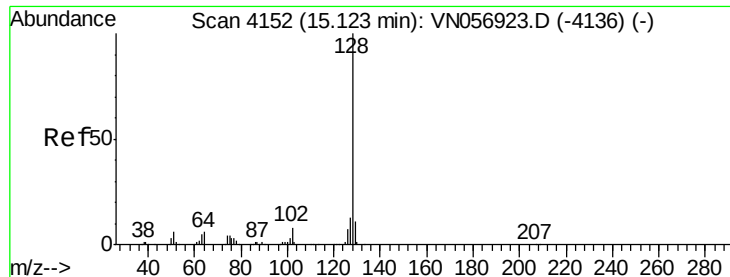
#94
 Hexachlorobutadiene
 Concen: 48.147 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056923.D
 Acq: 25 Jul 2019 15:25

Tgt Ion:225 Resp: 168554
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 63.8 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: 55.876 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

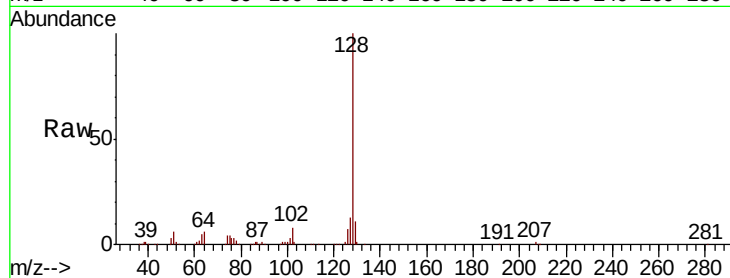
Tot Ion:128 Resp: 561133

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

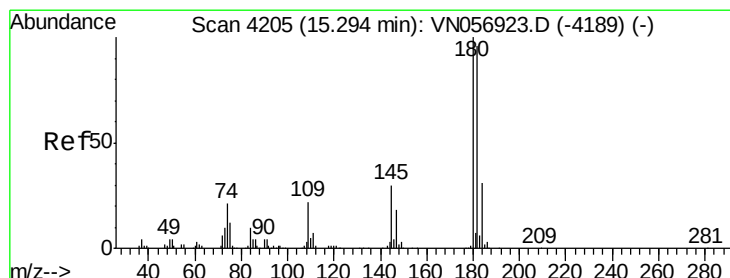
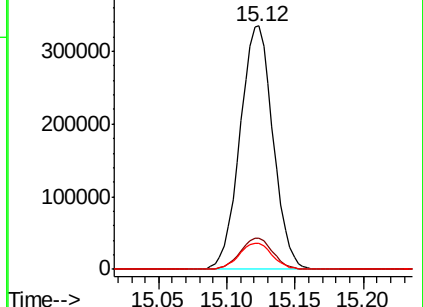
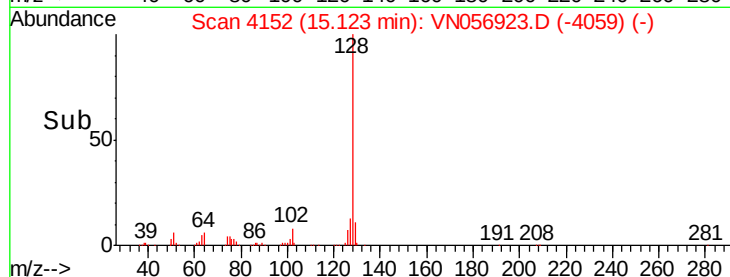
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.347 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN056923.D

Acq: 25 Jul 2019 15:25

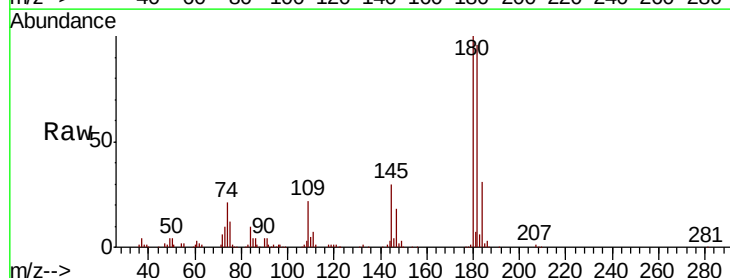
Tgt Ion:180 Resp: 234230

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.3

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

