

Data File : VV009266.D
Acq On : 24 Jan 2019 18:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 24 23:32:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	84719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	146756	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	137441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	70754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	50070	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	4.64	113	46086	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	7.36	98	175265	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	10.12	95	67790	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	35614	50.296	ug/l	99
3) Chloromethane	1.25	50	46077	47.873	ug/l	98
4) Vinyl Chloride	1.32	62	45421	46.583	ug/l	97
5) Bromomethane	1.53	94	25318	45.892	ug/l	100
6) Chloroethane	1.60	64	23477	45.908	ug/l	99
7) Trichlorofluoromethane	1.76	101	20352	44.183	ug/l	97
8) Diethyl Ether	1.96	74	21529	46.942	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.13	101	37060	45.192	ug/l	99
10) Methyl Iodide	2.26	142	64823	47.982	ug/l	99
11) Tert butyl alcohol	2.66	59	18143	217.220	ug/l	99
12) 1,1-Dichloroethene	2.14	96	38610	45.311	ug/l	99
13) Acrolein	2.05	56	10176	206.411	ug/l	85
14) Allyl chloride	2.42	41	59371	46.647	ug/l	98
15) Acrylonitrile	2.76	53	50119	233.343	ug/l	99
16) Acetone	2.18	43	45605	164.052	ug/l	98
17) Carbon Disulfide	2.32	76	114322	47.788	ug/l	99
18) Methyl Acetate	2.45	43	31530	44.572	ug/l	100
19) Methyl tert-butyl Ether	2.80	73	61895	46.403	ug/l	99
20) Methylene Chloride	2.53	84	43168	45.048	ug/l	98
21) trans-1,2-Dichloroethene	2.78	96	40996	46.461	ug/l	98
22) Diisopropyl ether	3.32	45	140927	46.326	ug/l	98
23) Vinyl Acetate	3.30	43	431134	229.890	ug/l	99
24) 1,1-Dichloroethane	3.22	63	85949	45.748	ug/l	99
25) 2-Butanone	4.01	43	74695	201.738	ug/l	100
26) 2,2-Dichloropropane	3.95	77	42136	44.226	ug/l	99
27) cis-1,2-Dichloroethene	3.95	96	51890	46.375	ug/l	98
28) Bromochloromethane	4.29	49	39690	52.660	ug/l	98
29) Tetrahydrofuran	4.39	42	46090	218.407	ug/l	95
30) Chloroform	4.42	83	87693	46.453	ug/l	97
31) Cyclohexane	4.72	56	72970	42.130	ug/l	99
32) 1,1,1-Trichloroethane	4.65	97	66742	45.473	ug/l	100
36) 1,1-Dichloropropene	4.87	75	64368	43.804	ug/l	99
37) Ethyl Acetate	4.12	43	32728	38.287	ug/l	98
38) Carbon Tetrachloride	4.87	117	62647	43.111	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	76297	41.429	ug/l	97
40) Benzene	5.14	78	193741	44.752	ug/l	99
41) Methacrylonitrile	4.31	41	18728	43.745	ug/l	96
42) 1,2-Dichloroethane	5.17	62	58226	43.254	ug/l	100
43) Isopropyl Acetate	5.32	43	61395	43.130	ug/l	99
44) Trichloroethene	5.96	130	51086	44.217	ug/l	97
45) 1,2-Dichloropropane	6.22	63	48672	45.669	ug/l	98
46) Dibromomethane	6.35	93	26716	44.747	ug/l	97
47) Bromodichloromethane	6.55	83	63659	45.330	ug/l	100
48) Methyl methacrylate	6.42	41	31289	44.310	ug/l	98
49) 1,4-Dioxane	6.41	88	8613	919.343	ug/l	91
51) 4-Methyl-2-Pentanone	7.27	43	161826	216.011	ug/l	98
52) Toluene	7.43	92	123005	44.993	ug/l	98
53) t-1,3-Dichloropropene	7.69	75	63299	44.569	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	74013	45.935	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	38035	45.687	ug/l	98
56) Ethyl methacrylate	7.83	69	45923	45.657	ug/l	96
57) 1,3-Dichloropropane	8.05	76	67011	45.178	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.94	63	4268	160.361	ug/l	98
59) 2-Hexanone	8.18	43	110293	204.791	ug/l	100
60) Dibromochloromethane	8.29	129	42757	44.930	ug/l	98
61) 1,2-Dibromoethane	8.40	107	37841	45.239	ug/l	99
64) Tetrachloroethene	8.02	164	42935	45.305	ug/l	97
65) Chlorobenzene	8.92	112	134560	43.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	46258	44.696	ug/l	100
67) Ethyl Benzene	9.05	91	234322	44.558	ug/l	99
68) m/p-Xylenes	9.18	106	181022	89.737	ug/l	100
69) o-Xylene	9.59	106	84954	45.066	ug/l	100
70) Styrene	9.60	104	142500	46.419	ug/l	99
71) Bromoform	9.77	173	24551	44.000	ug/l #	99
73) Isopropylbenzene	9.97	105	230993	43.963	ug/l	98
74) N-amyl acetate	9.84	43	53176	43.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	46459	42.999	ug/l	100
76) 1,2,3-Trichloropropane	10.32	75	49339	59.076	ug/l #	42
77) Bromobenzene	10.26	156	55064	44.914	ug/l	99
78) n-propylbenzene	10.40	91	273539	44.002	ug/l	99
79) 2-Chlorotoluene	10.47	91	165357	44.133	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	201119	45.505	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.05	75	13227	44.986	ug/l	97
82) 4-Chlorotoluene	10.58	91	196769	44.300	ug/l	100
83) tert-Butylbenzene	10.91	119	186309	43.662	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	203690	44.897	ug/l	100
85) sec-Butylbenzene	11.13	105	240056	43.169	ug/l	100
86) p-Isopropyltoluene	11.29	119	215565	43.927	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	109613	44.149	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	111378	43.949	ug/l	99
89) n-Butylbenzene	11.70	91	203130	42.745	ug/l	100
90) Hexachloroethane	11.95	117	38081	43.872	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	97998	43.995	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	7816	43.329	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012419\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	66431	42.556	ug/l	99
94) Hexachlorobutadiene	13.49	225	38315	42.938	ug/l	99
95) Naphthalene	13.55	128	132035	42.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.80	180	60055	43.615	ug/l	99

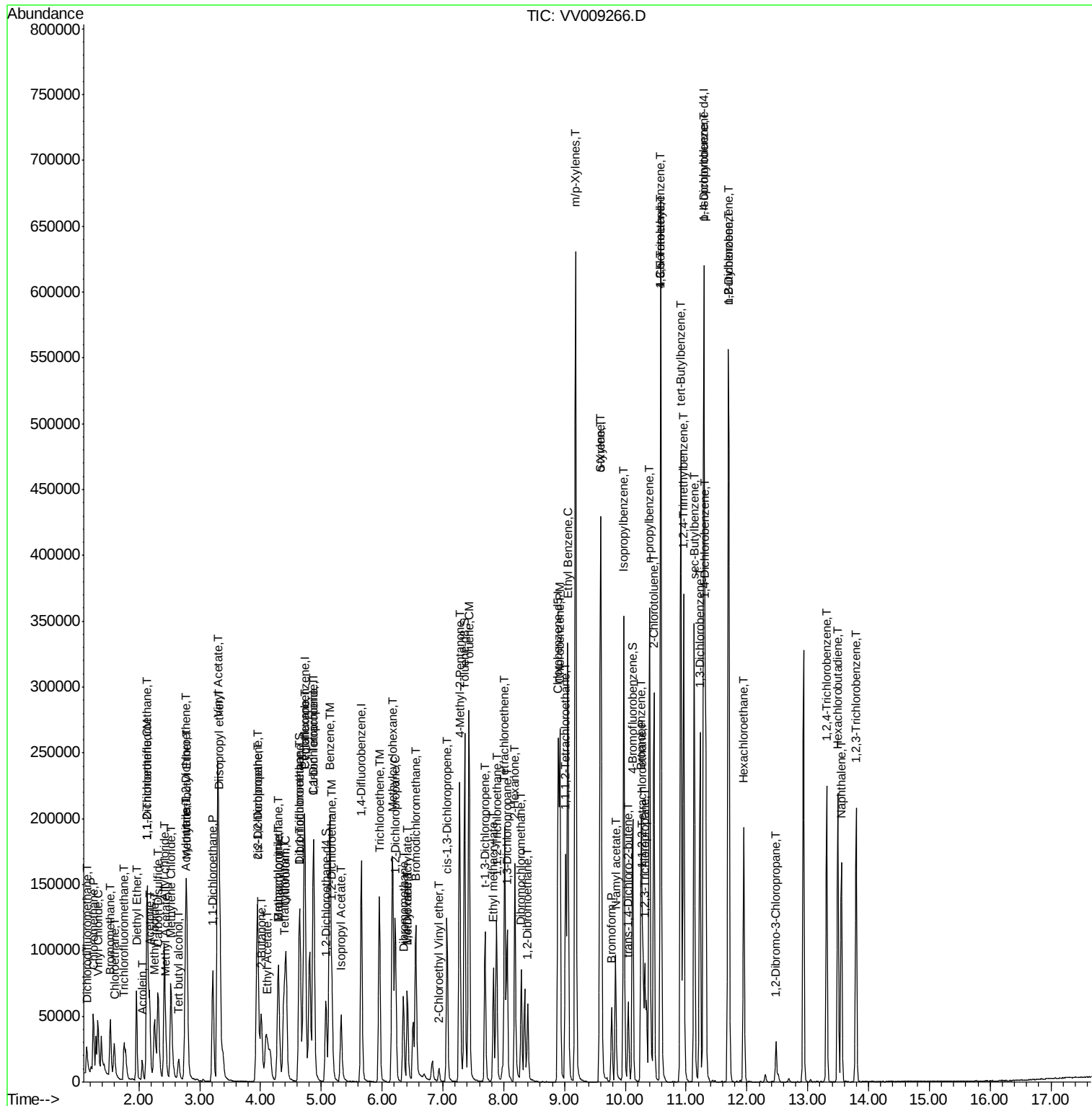
(#) = qualifier out of range (m) = manual integration (+) = signals summed

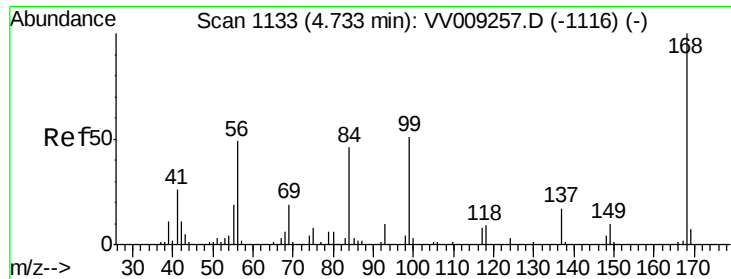
Data File : VV009266.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

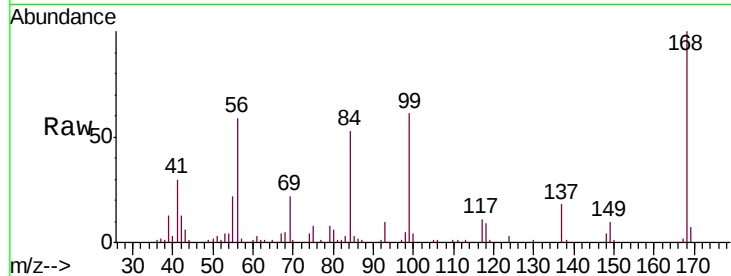
VSTDCCC050EC

Tgt Ion:168 Resp: 84719

Ion Ratio Lower Upper

168 100

99 60.7 50.0 75.0



Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

Ion 98.90 (98.60 to 99.60): VV009257.D (-1116) (-)

4.73

40000

30000

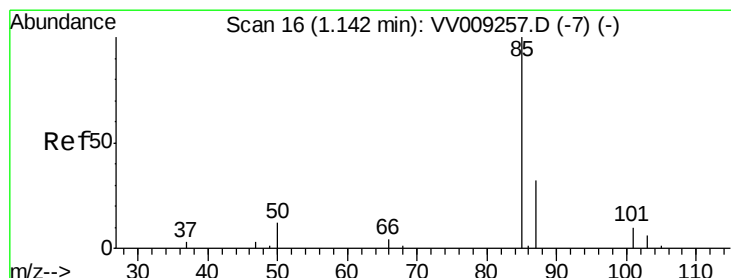
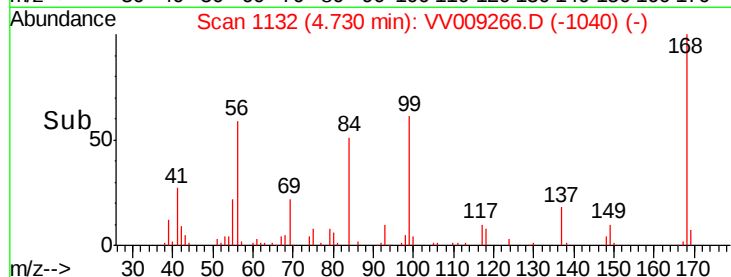
20000

10000

0

4.60 4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.296 ug/l

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV009266.D

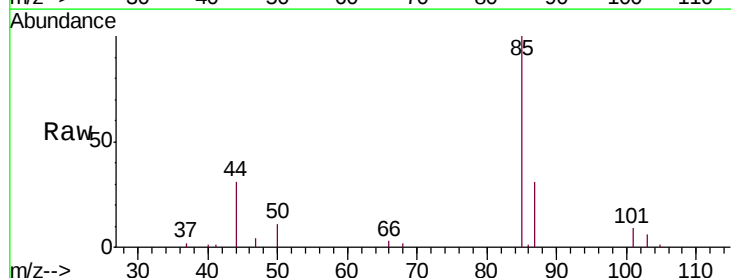
Acq: 24 Jan 2019 18:53

Tgt Ion: 85 Resp: 35614

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VV009257.D (-7) (-)

1.14

15000

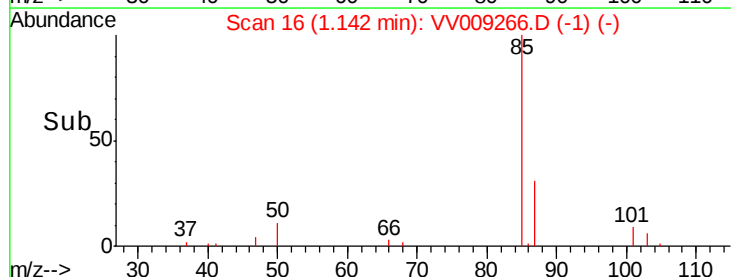
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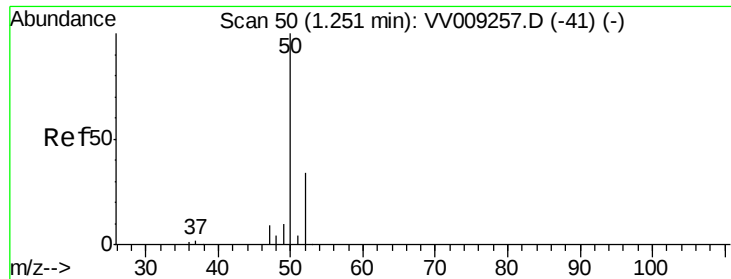
5000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 47.873 ug/l

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

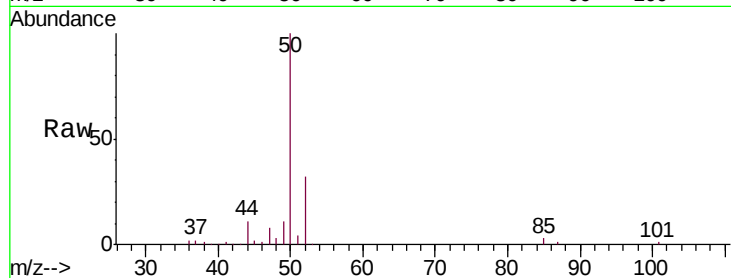
VSTDCCC050EC

Tgt Ion: 50 Resp: 46077

Ion Ratio Lower Upper

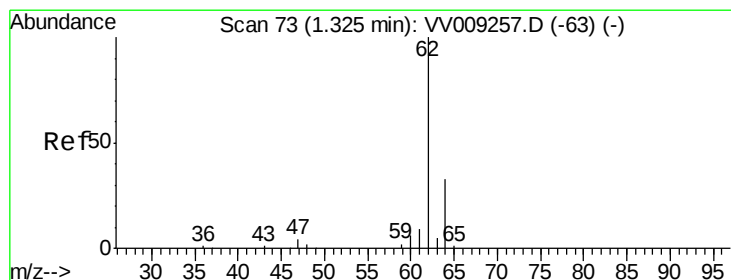
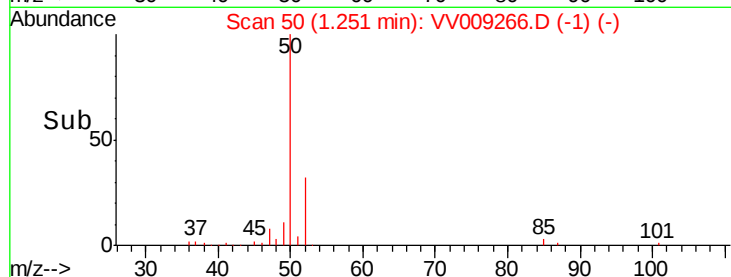
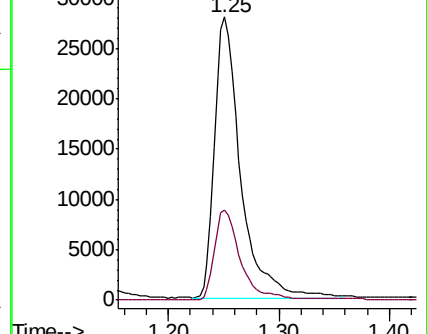
50 100

52 32.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VV0

Ion 51.90 (51.60 to 52.60): VV0



#4

Vinyl Chloride

Concen: 46.583 ug/l

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV009266.D

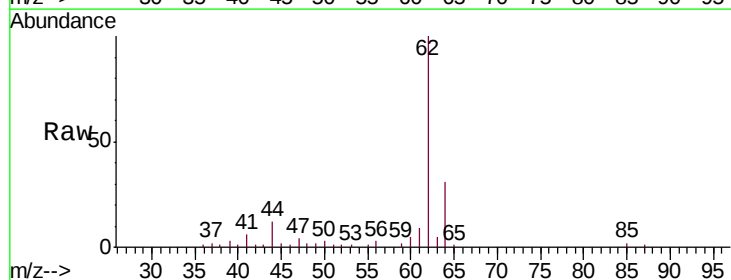
Acq: 24 Jan 2019 18:53

Tgt Ion: 62 Resp: 45421

Ion Ratio Lower Upper

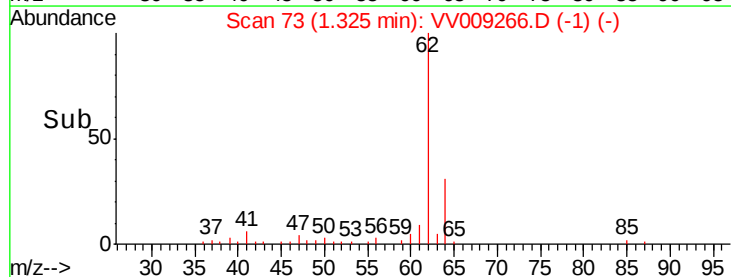
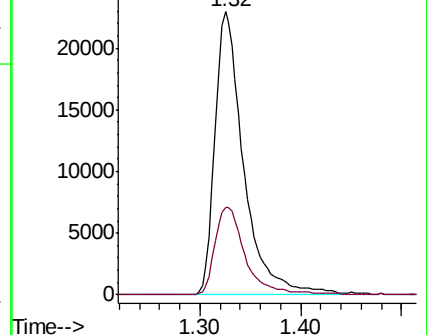
62 100

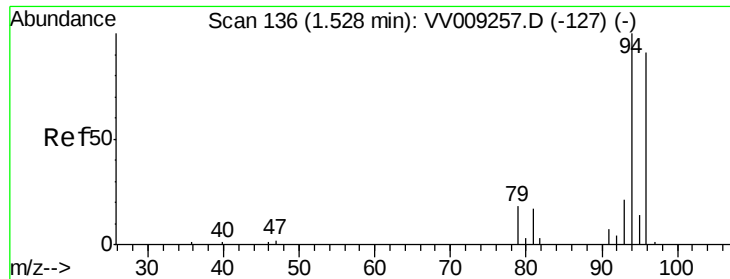
64 31.0 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 63.90 (63.60 to 64.60): VV0





#5

Bromomethane

Concen: 45.892 ug/l

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

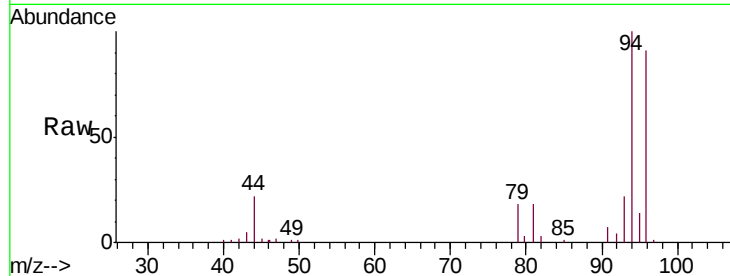
VSTDCCC050EC

Tgt Ion: 94 Resp: 25318

Ion Ratio Lower Upper

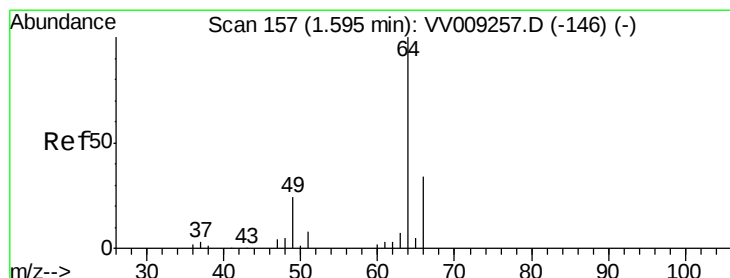
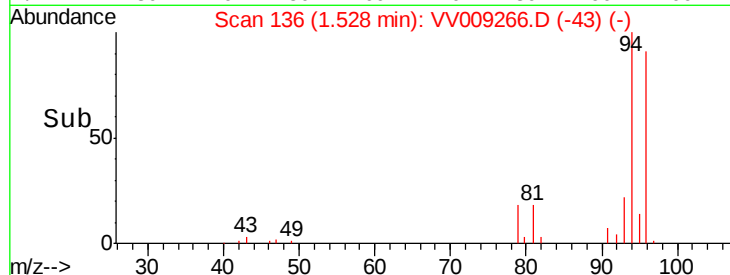
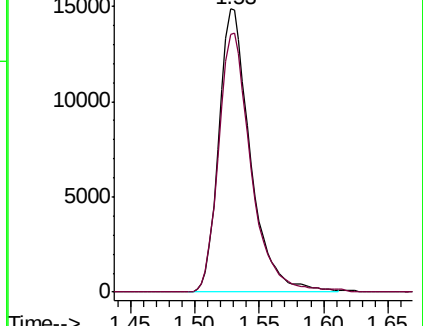
94 100

96 90.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VV009257.D (-127) (-)

Ion 95.90 (95.60 to 96.60): VV009266.D (-43) (-)



#6

Chloroethane

Concen: 45.908 ug/l

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV009266.D

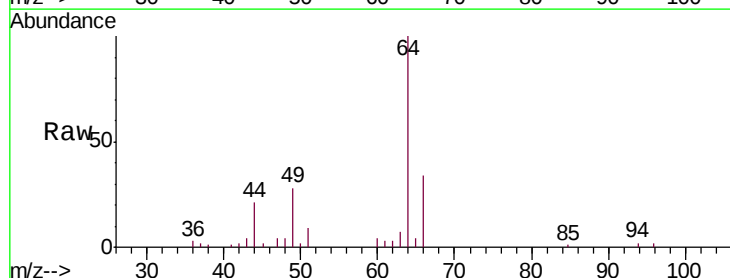
Acq: 24 Jan 2019 18:53

Tgt Ion: 64 Resp: 23477

Ion Ratio Lower Upper

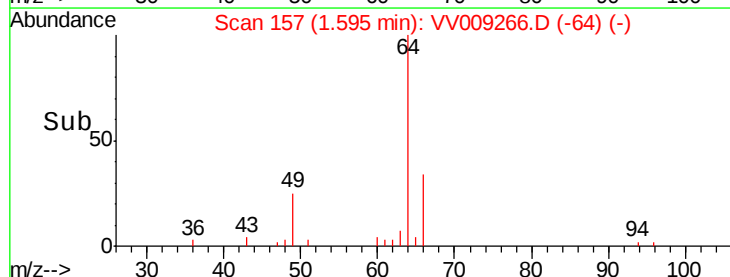
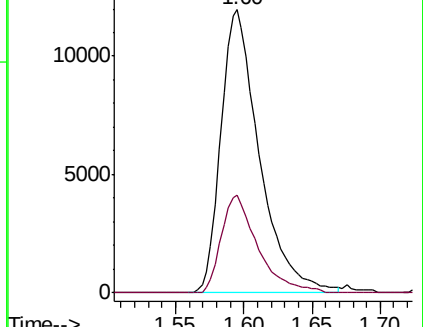
64 100

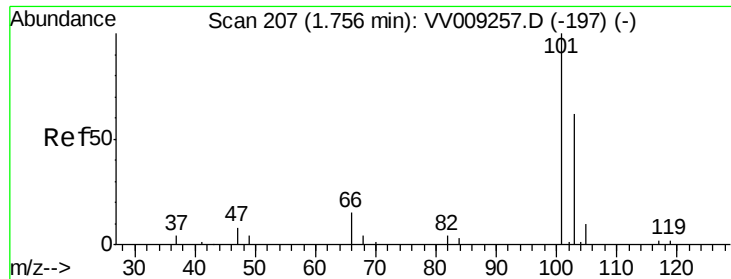
66 34.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VV009257.D (-146) (-)

Ion 65.90 (65.60 to 66.60): VV009266.D (-64) (-)



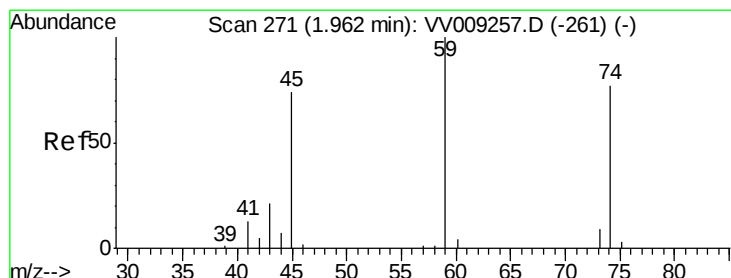
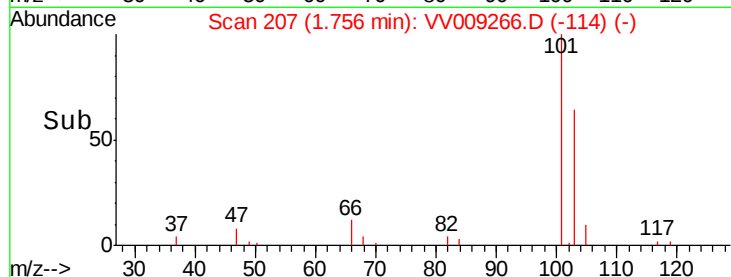
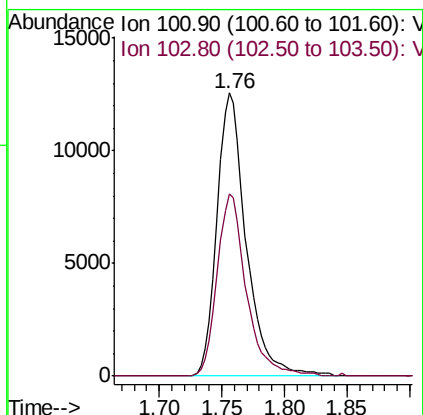
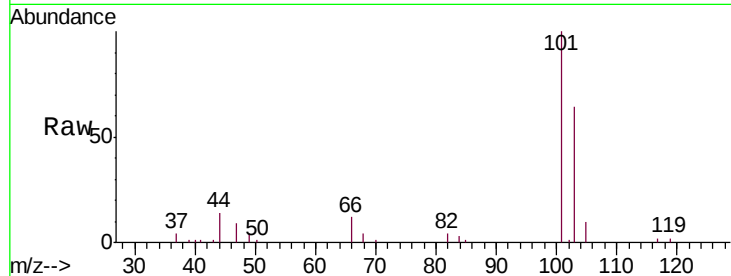


#7

Trichlorofluoromethane
 Concen: 44.183 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

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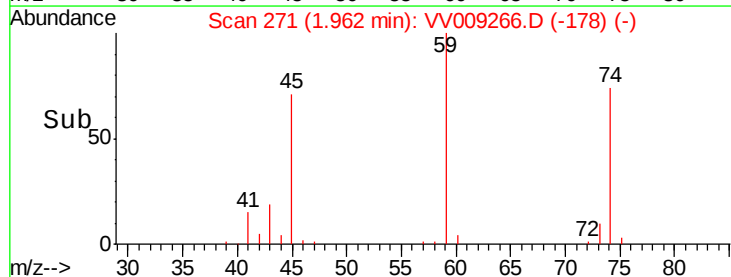
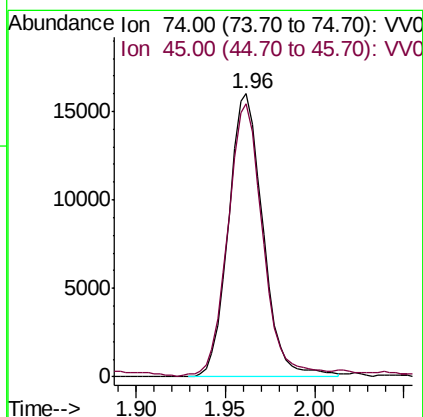
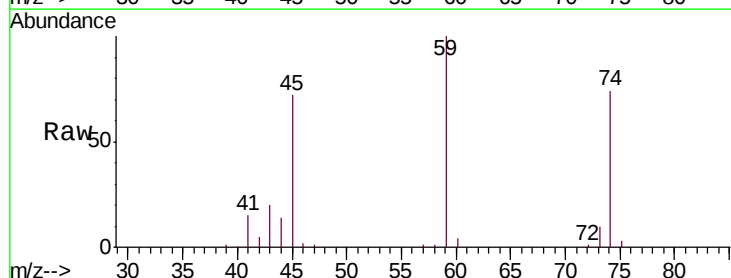
Tgt Ion: 101 Resp: 20352
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.8 74.8

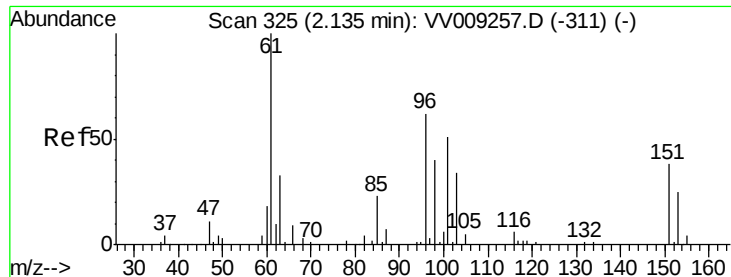


#8

Diethyl Ether
 Concen: 46.942 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 74 Resp: 21529
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.192 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009266.D

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Instrument :

MSVOA_V

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VSTDCCC050EC

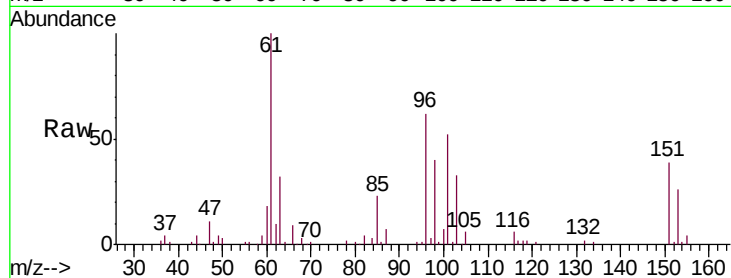
Tgt Ion:101 Resp: 37060

Ion Ratio Lower Upper

101 100

85 43.1 33.8 50.6

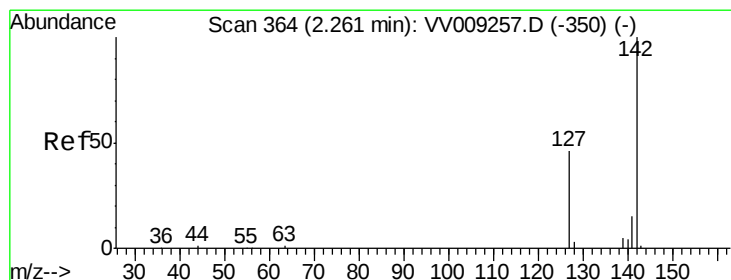
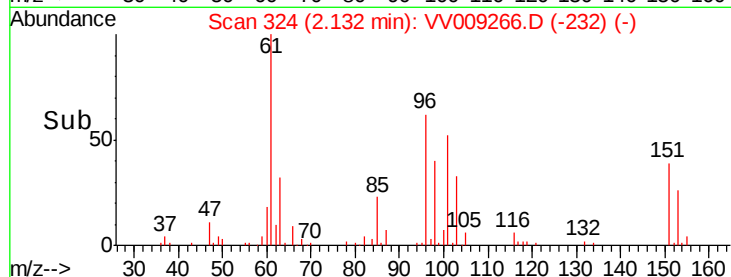
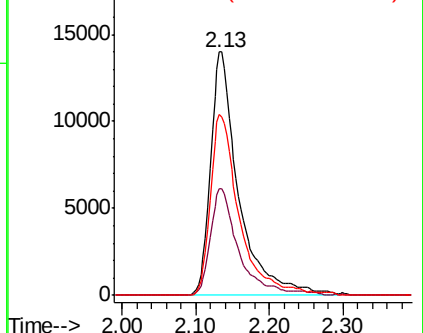
151 73.9 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.982 ug/l

RT: 2.26 min Scan# 363

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

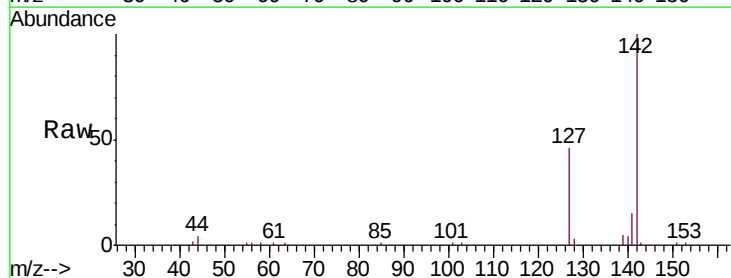
Tgt Ion:142 Resp: 64823

Ion Ratio Lower Upper

142 100

127 45.5 36.8 55.2

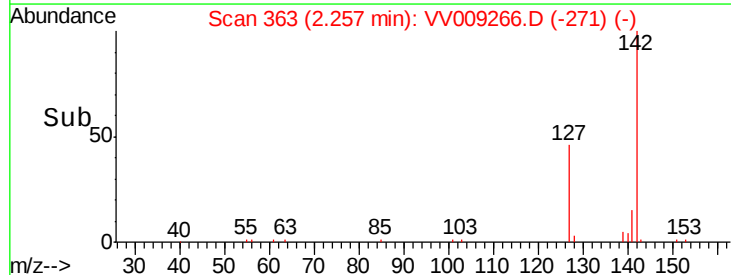
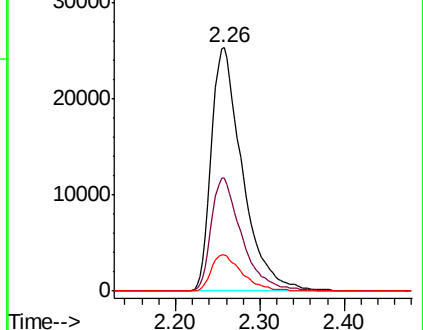
141 14.8 11.6 17.4

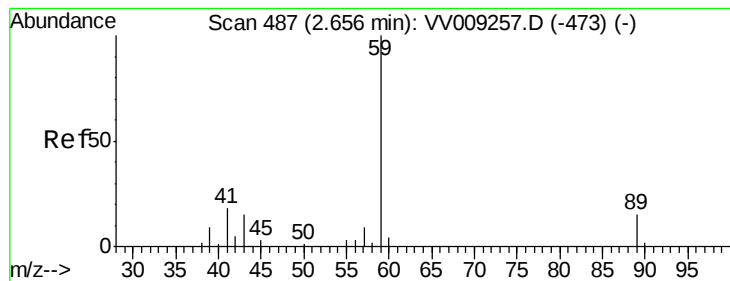


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



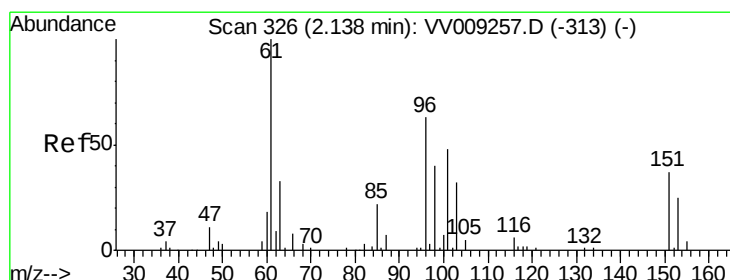
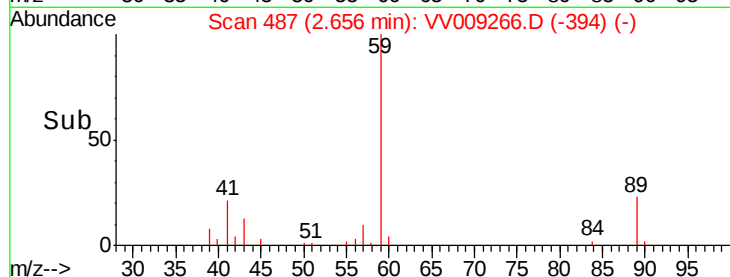
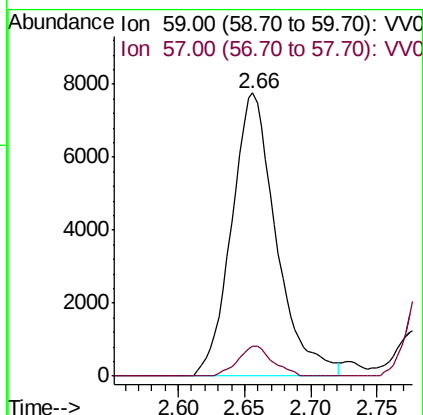
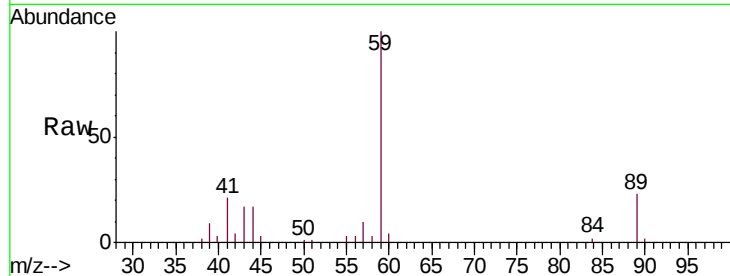


#11

Tert butyl alcohol
 Concen: 217.220 ug/l
 RT: 2.66 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

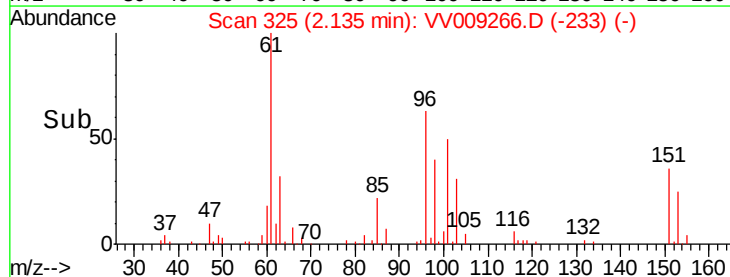
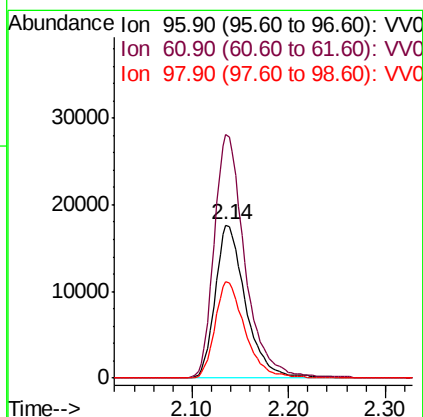
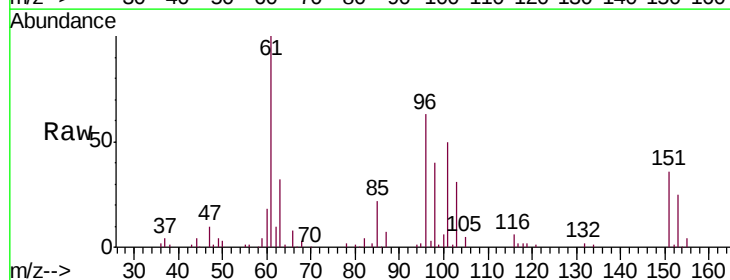
Tgt Ion: 59 Resp: 18143
 Ion Ratio Lower Upper
 59 100
 57 8.4 7.0 10.4

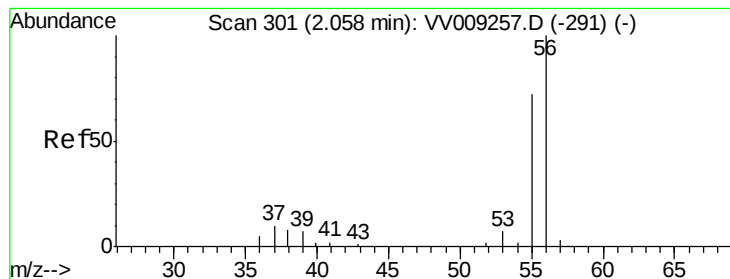


#12

1,1-Dichloroethene
 Concen: 45.311 ug/l
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 96 Resp: 38610
 Ion Ratio Lower Upper
 96 100
 61 158.8 127.2 190.8
 98 63.2 51.5 77.3





#13

Acrolein

Concen: 206.411 ug/l

RT: 2.05 min Scan# 300

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

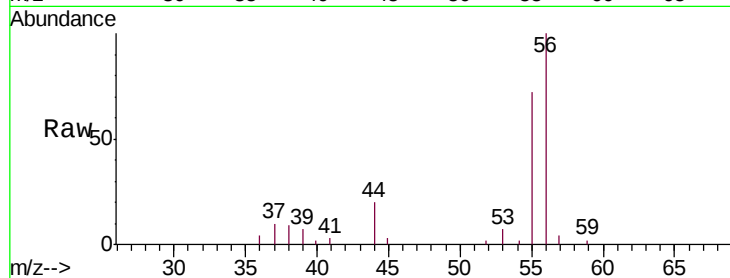
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 10176

Ion Ratio Lower Upper

56 100

55 81.0 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VV009257.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009257.D (-291) (-)

2.05

8000

6000

4000

2000

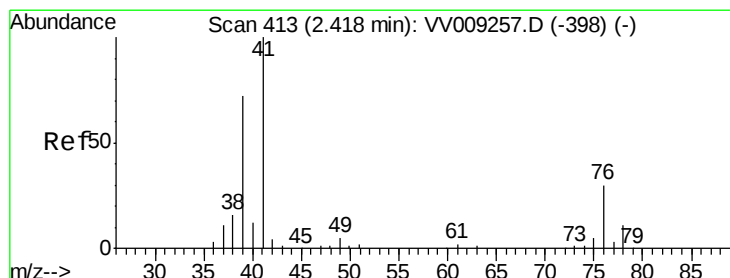
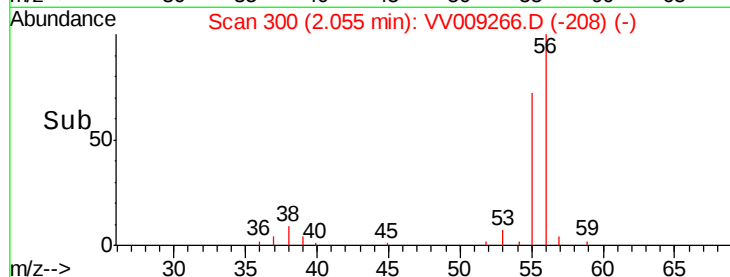
0

Time-->

2.00

2.05

2.10



#14

Allyl chloride

Concen: 46.647 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

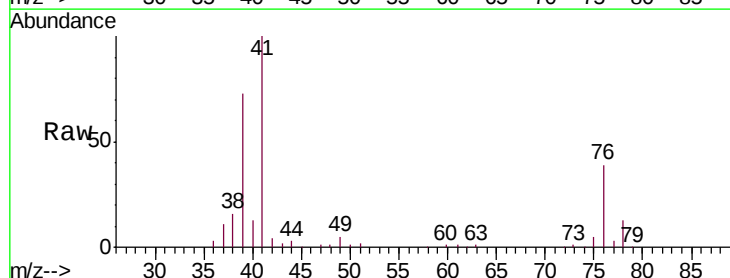
Tgt Ion: 41 Resp: 59371

Ion Ratio Lower Upper

41 100

39 71.4 56.4 84.6

76 40.3 30.6 46.0



Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-398) (-)

Ion 39.00 (38.70 to 39.70): VV009257.D (-398) (-)

Ion 75.90 (75.60 to 76.60): VV009257.D (-398) (-)

2.42

60000

50000

40000

30000

20000

10000

0

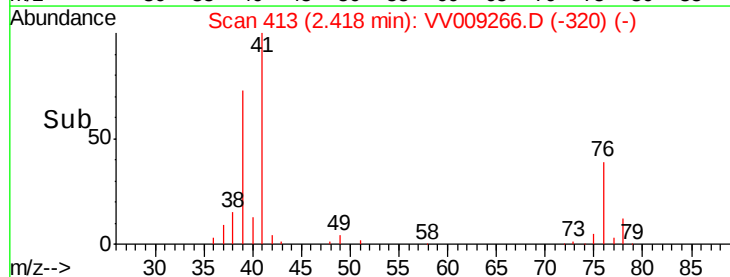
Time-->

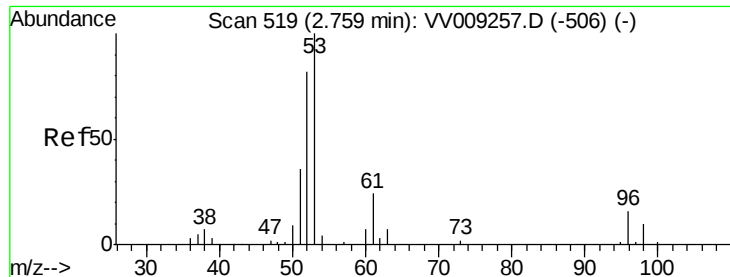
2.35

2.40

2.45

2.50

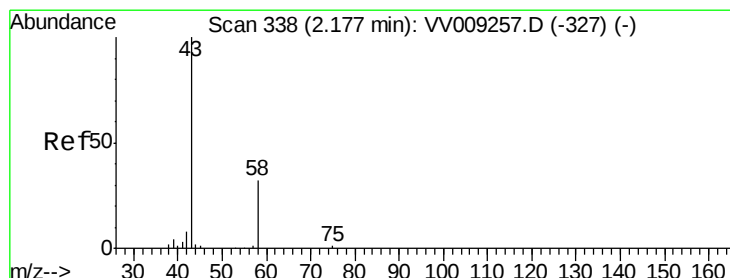
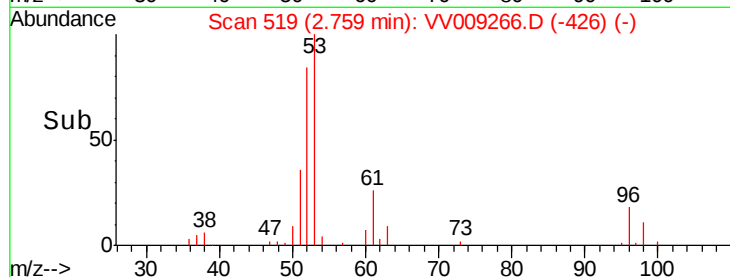
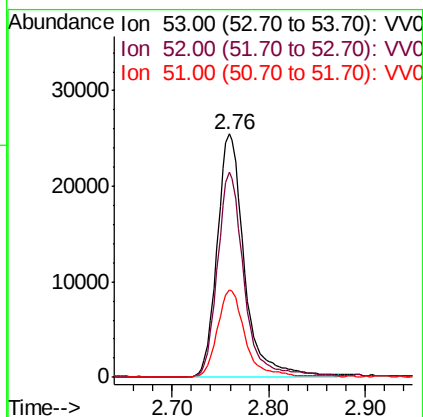
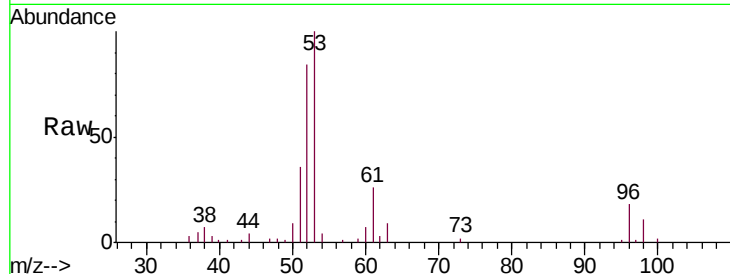




#15
 Acrylonitrile
 Concen: 233.343 ug/l
 RT: 2.76 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

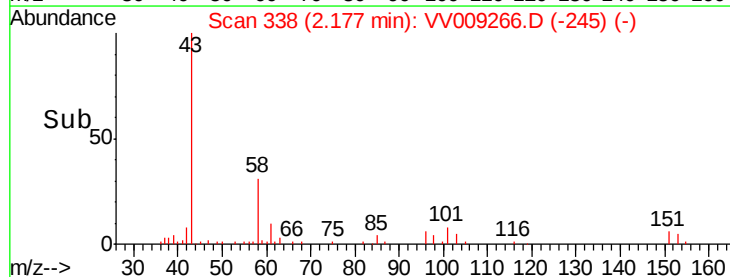
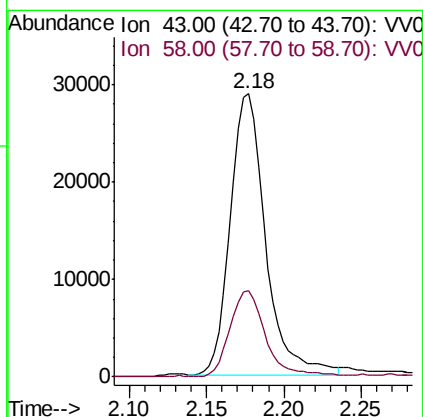
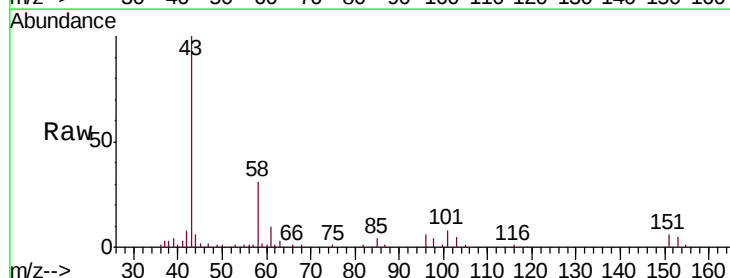
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

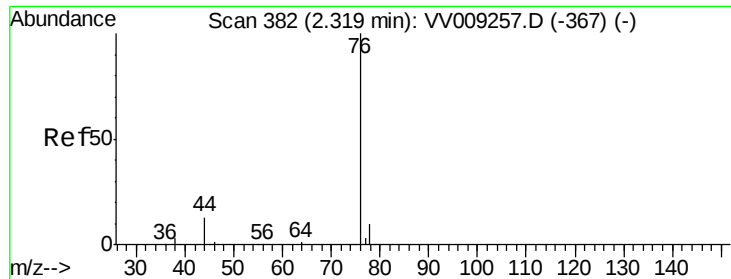
Tgt Ion: 53 Resp: 50119
 Ion Ratio Lower Upper
 53 100
 52 82.8 67.2 100.8
 51 36.8 29.7 44.5



#16
 Acetone
 Concen: 164.052 ug/l
 RT: 2.18 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 43 Resp: 45605
 Ion Ratio Lower Upper
 43 100
 58 30.9 25.8 38.6

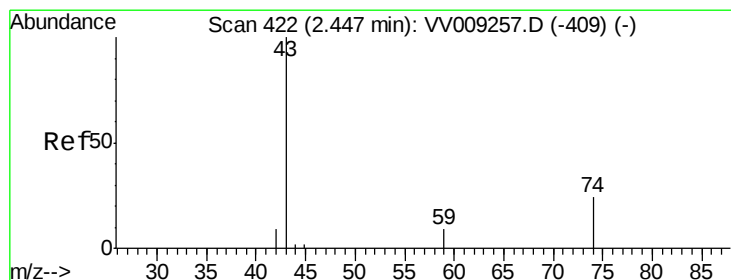
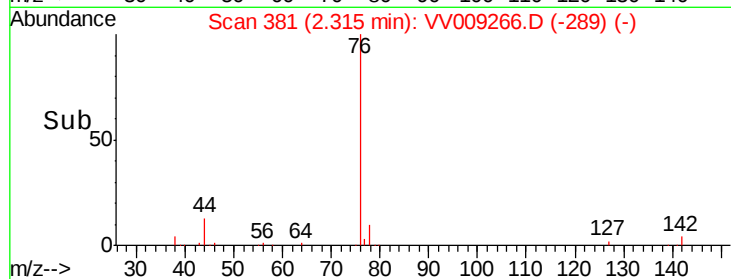
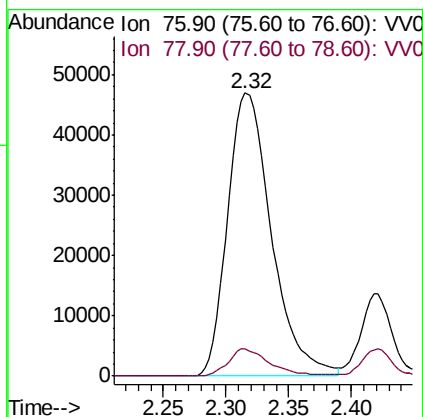
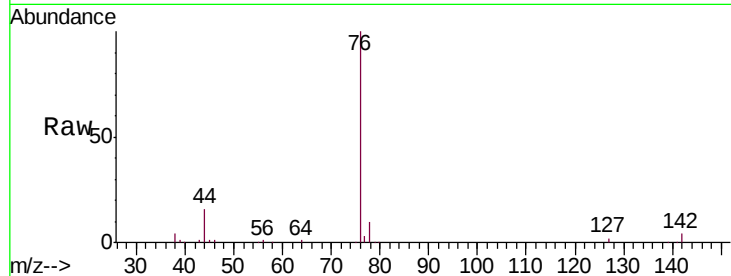




#17
Carbon Disulfide
Concen: 47.788 ug/l
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

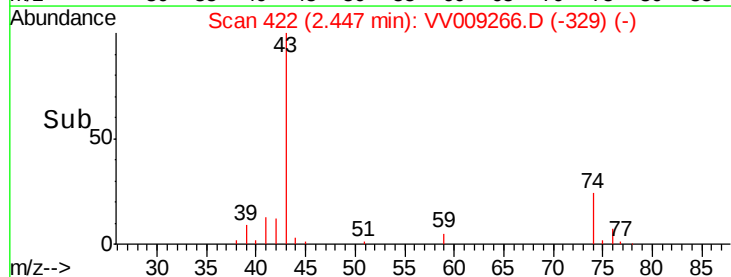
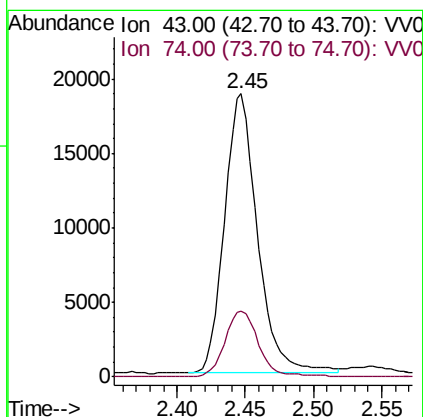
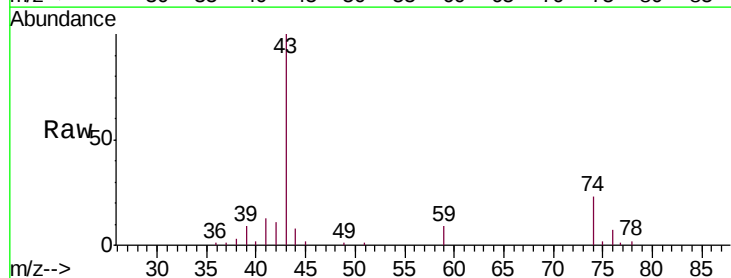
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

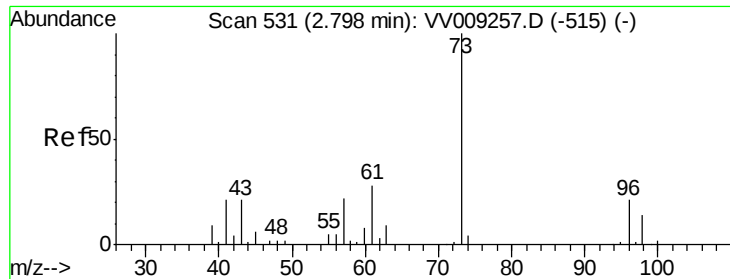
Tgt Ion: 76 Resp: 114322
Ion Ratio Lower Upper
76 100
78 9.5 7.9 11.9



#18
Methyl Acetate
Concen: 44.572 ug/l
RT: 2.45 min Scan# 422
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 43 Resp: 31530
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2

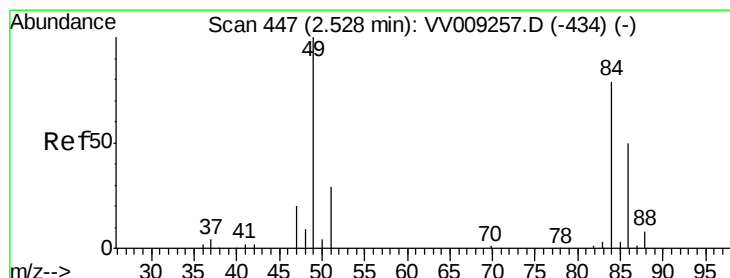
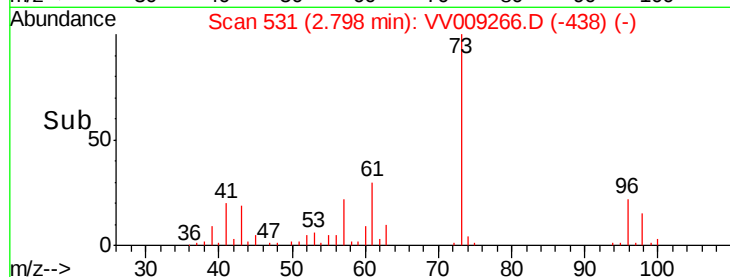
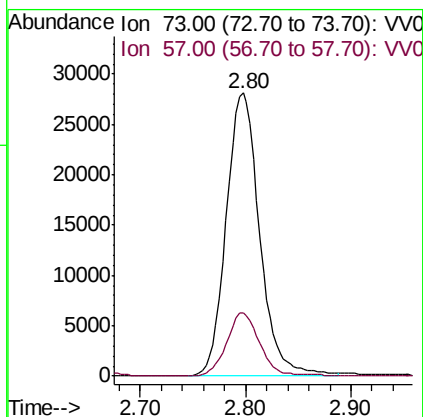
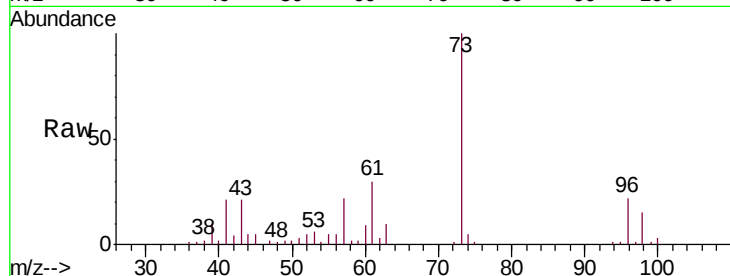




#19
Methyl tert-butyl Ether
Concen: 46.403 ug/l
RT: 2.80 min Scan# 531
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

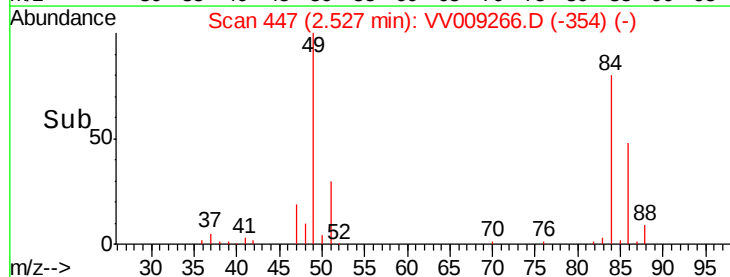
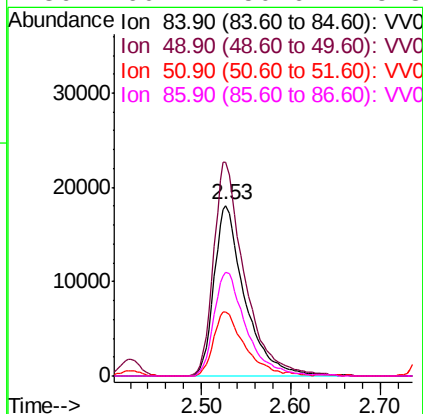
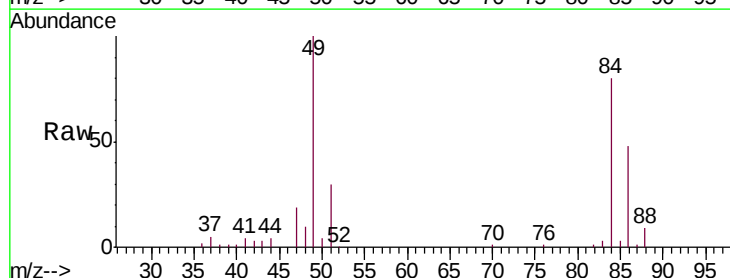
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

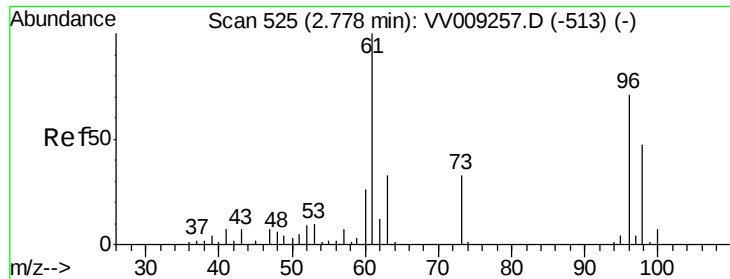
Tgt Ion: 73 Resp: 61895
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 45.048 ug/l
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 84 Resp: 43168
Ion Ratio Lower Upper
84 100
49 125.2 101.5 152.3
51 37.5 29.6 44.4
86 60.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.461 ug/l

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

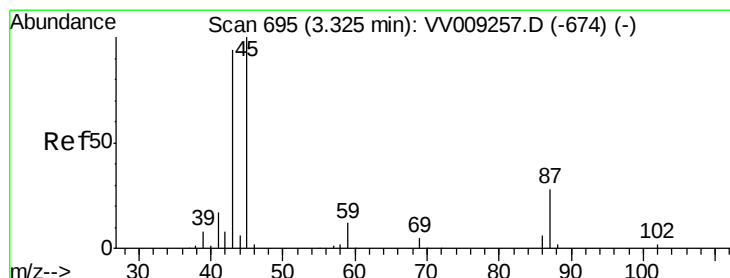
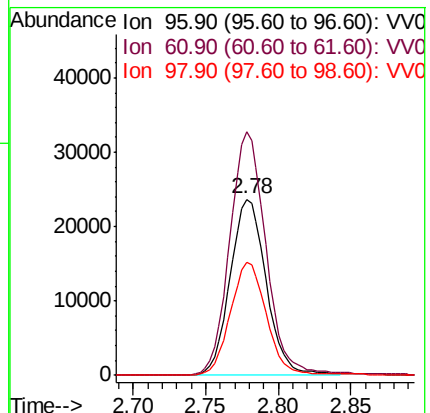
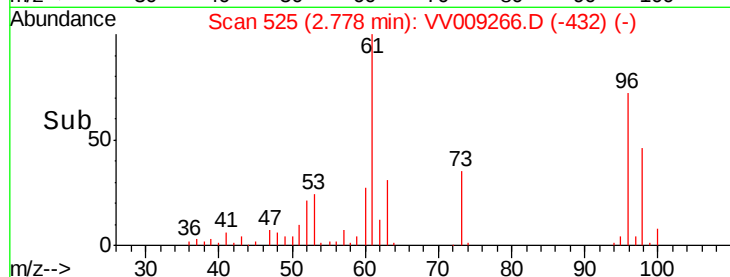
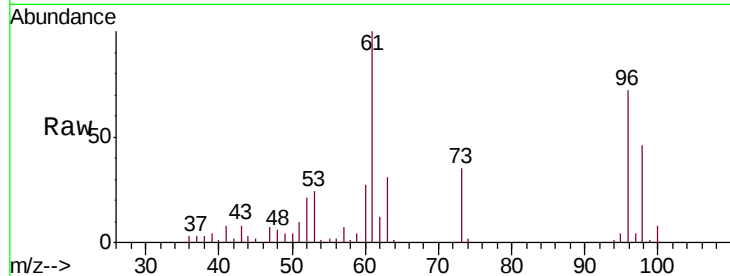
Tgt Ion: 96 Resp: 40996

Ion Ratio Lower Upper

96 100

61 138.4 112.1 168.1

98 64.1 52.8 79.2



#22

Diisopropyl ether

Concen: 46.326 ug/l

RT: 3.32 min Scan# 695

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Tgt Ion: 45 Resp: 140927

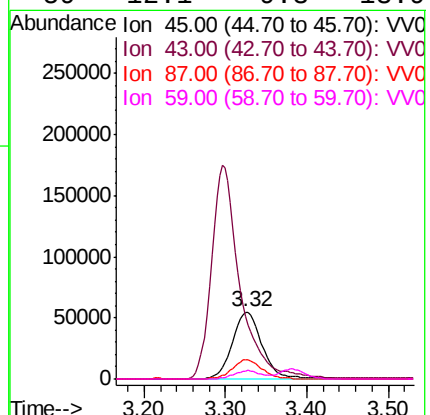
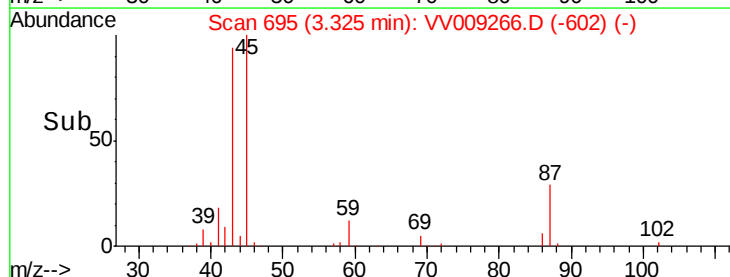
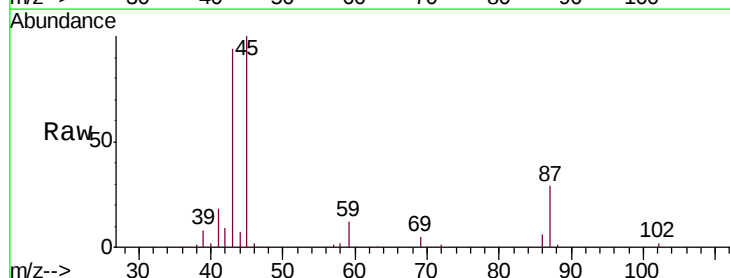
Ion Ratio Lower Upper

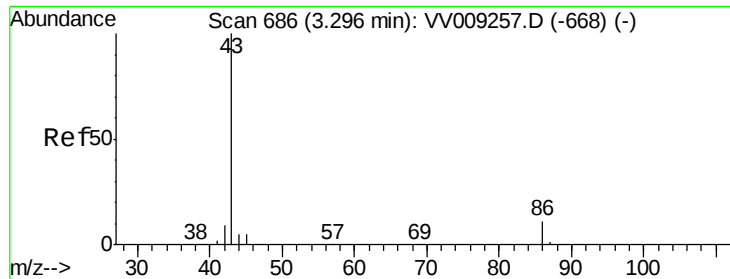
45 100

43 92.0 75.3 112.9

87 29.3 22.4 33.6

59 12.1 9.3 13.9

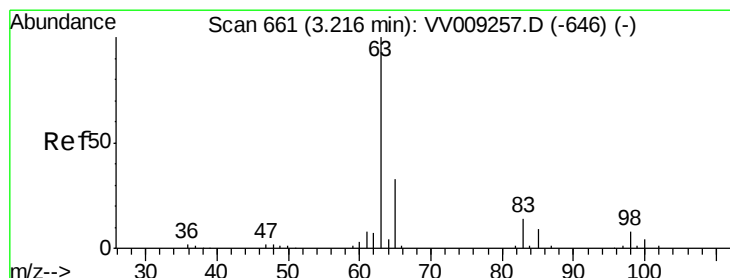
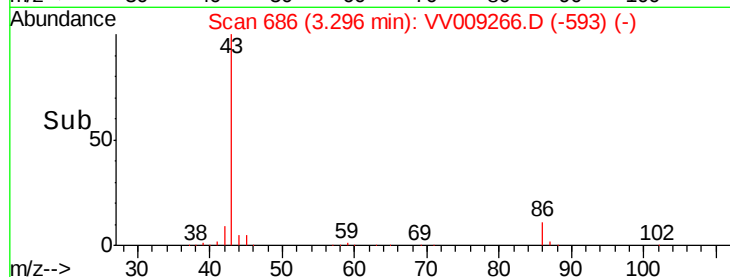
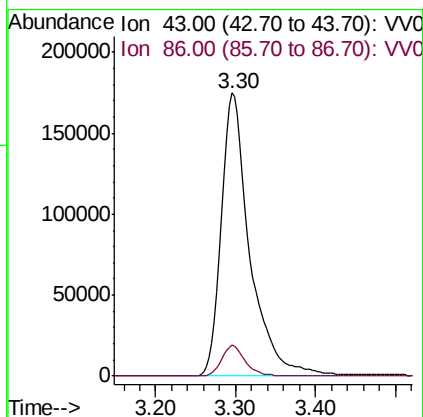
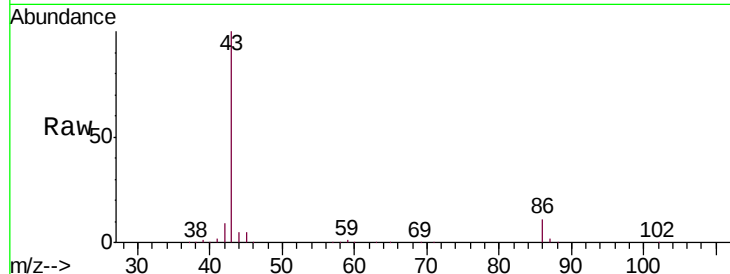




#23
 Vinyl Acetate
 Concen: 229.890 ug/l
 RT: 3.30 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

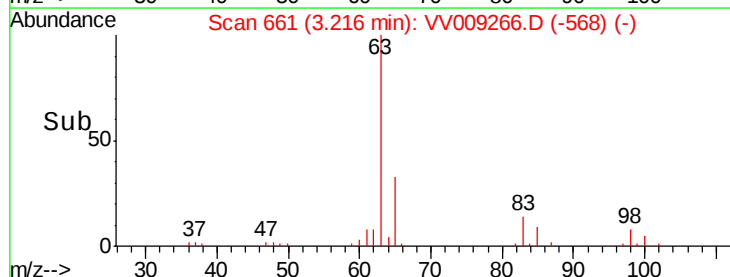
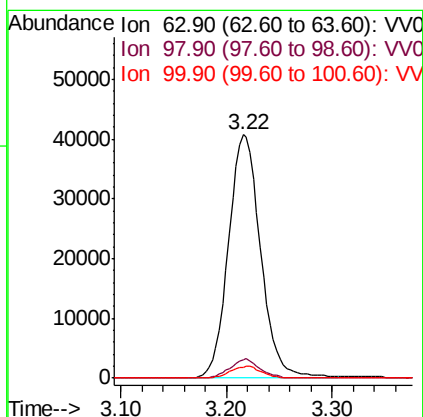
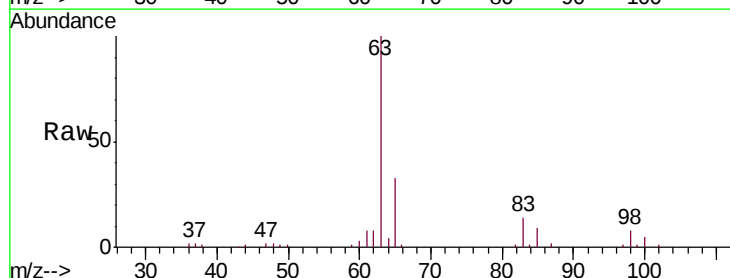
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

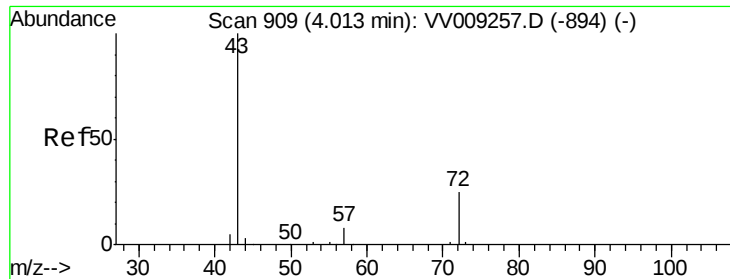
Tgt Ion: 43 Resp: 431134
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 45.748 ug/l
 RT: 3.22 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 63 Resp: 85949
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 201.738 ug/l

RT: 4.01 min Scan# 909

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

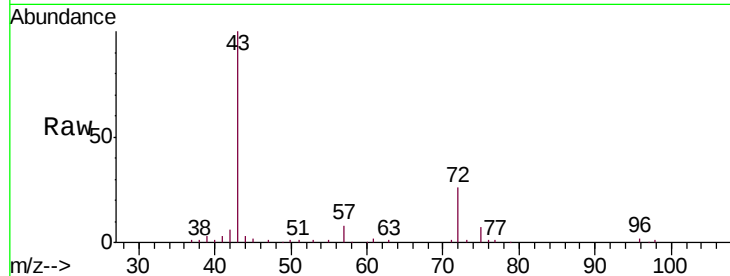
VSTDCCC050EC

Tgt Ion: 43 Resp: 74695

Ion Ratio Lower Upper

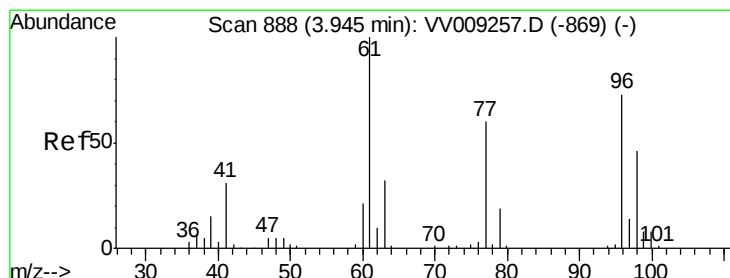
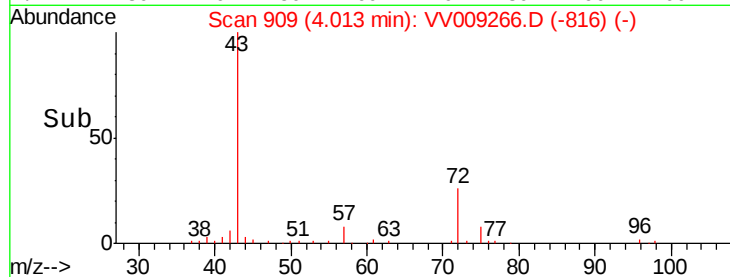
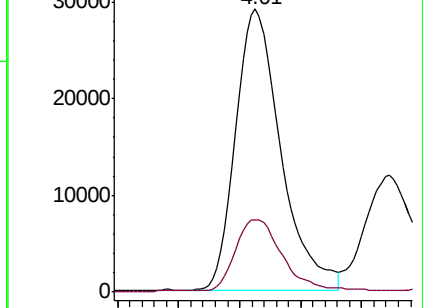
43 100

72 25.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV009257.D (-894) (-)



#26

2,2-Dichloropropane

Concen: 44.226 ug/l

RT: 3.95 min Scan# 888

Delta R.T. -0.00 min

Lab File: VV009266.D

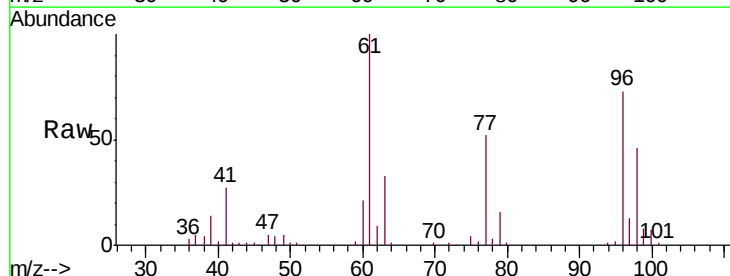
Acq: 24 Jan 2019 18:53

Tgt Ion: 77 Resp: 42136

Ion Ratio Lower Upper

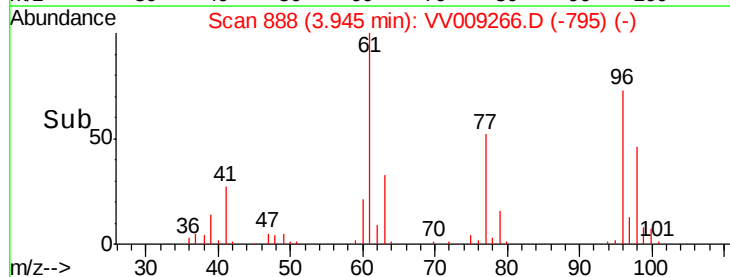
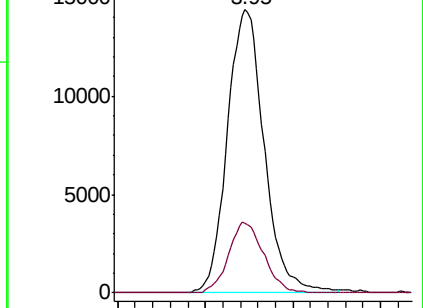
77 100

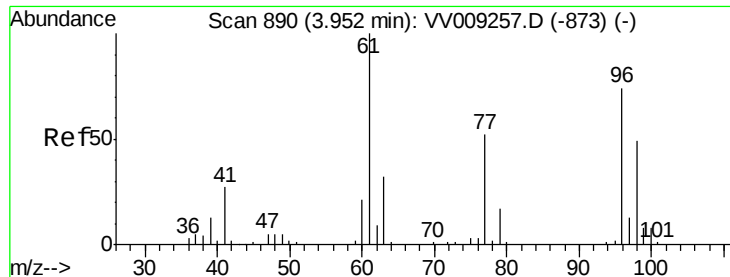
97 23.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VV009257.D (-869) (-)

Ion 96.90 (96.60 to 97.60): VV009257.D (-869) (-)



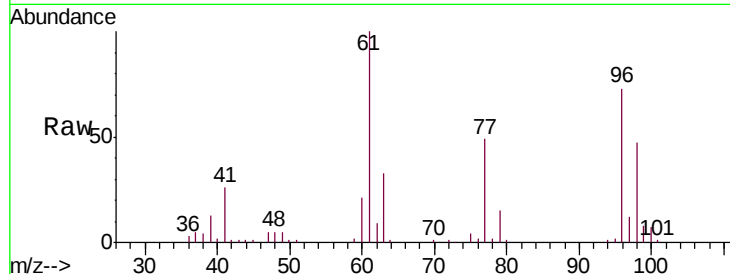


#27

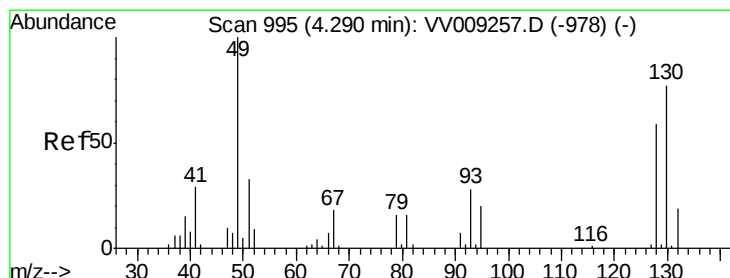
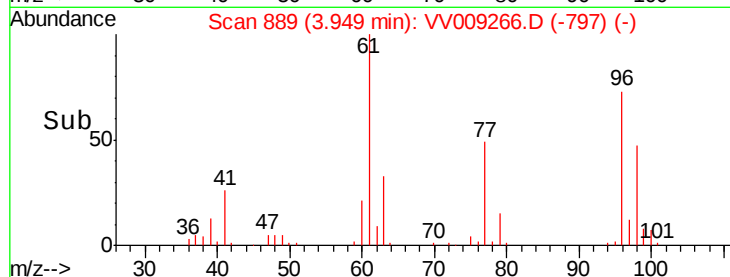
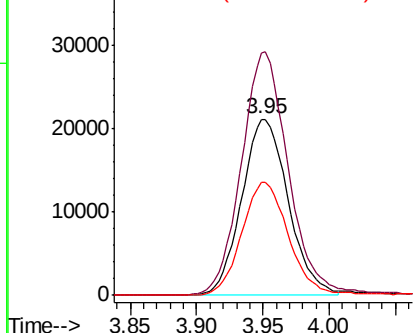
cis-1,2-Dichloroethene
 Concen: 46.375 ug/l
 RT: 3.95 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 51890
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 277.6
 98 64.8 0.0 127.6



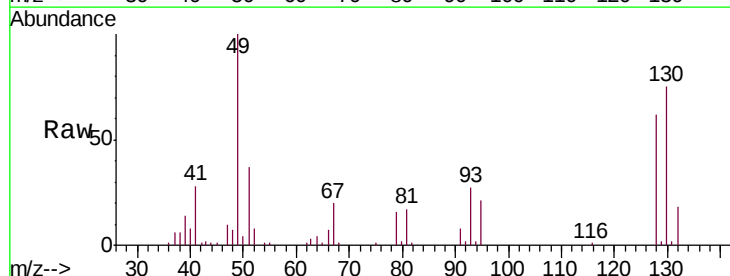
Abundance Ion 95.90 (95.60 to 96.60): VV0
 Ion 60.90 (60.60 to 61.60): VV0
 Ion 97.90 (97.60 to 98.60): VV0



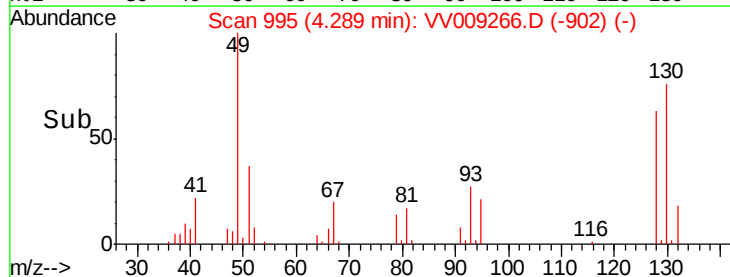
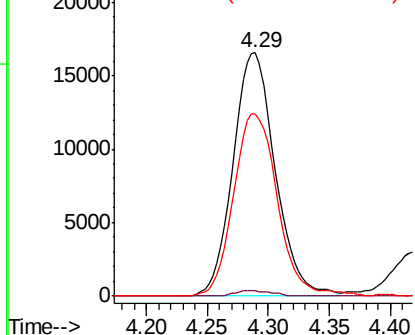
#28

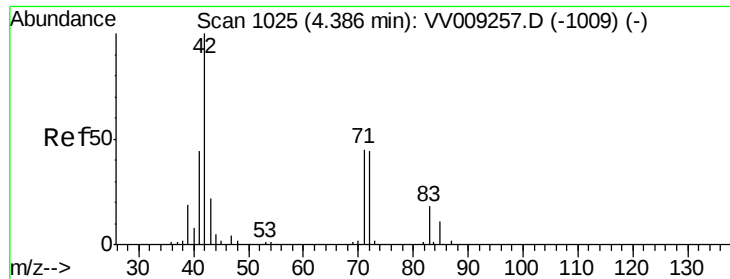
Bromochloromethane
 Concen: 52.660 ug/l
 RT: 4.29 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 49 Resp: 39690
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 77.9 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VV0
 Ion 128.80 (128.50 to 129.50): VV0
 Ion 129.80 (129.50 to 130.50): VV0

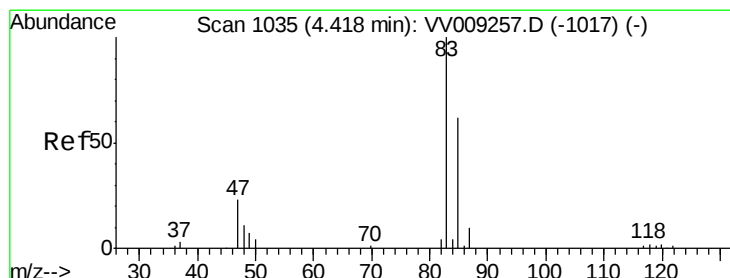
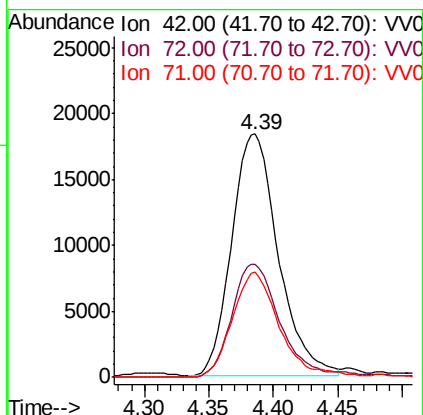
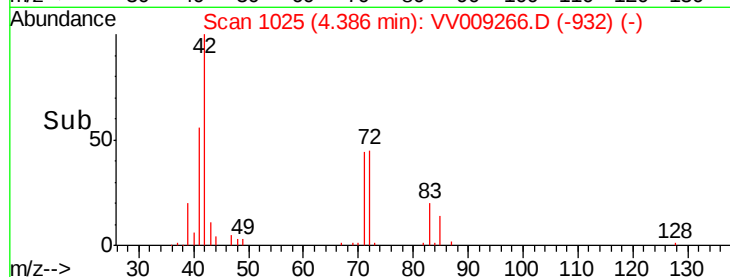
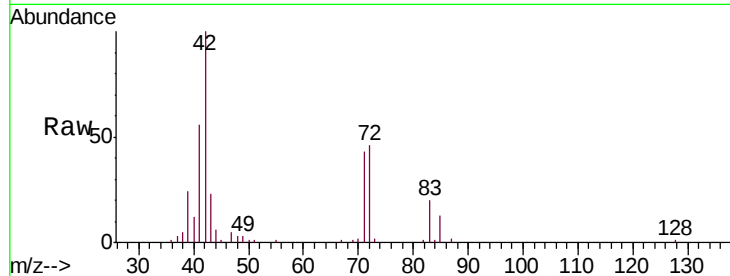




#29
Tetrahydrofuran
Concen: 218.407 ug/l
RT: 4.39 min Scan# 1025
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

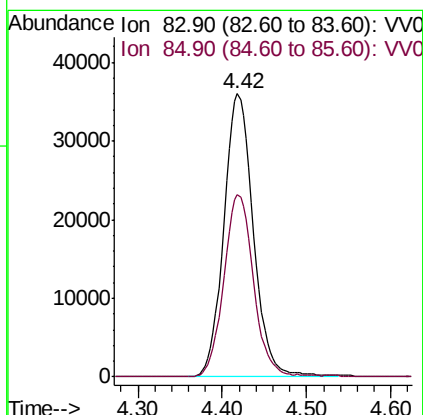
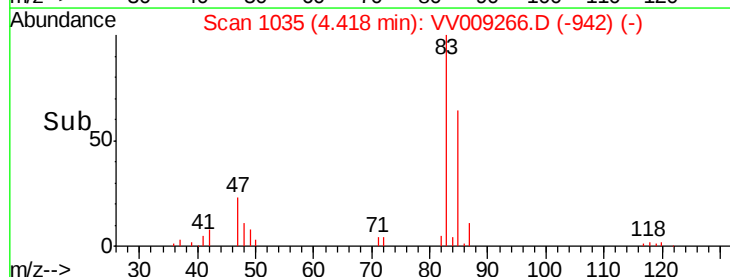
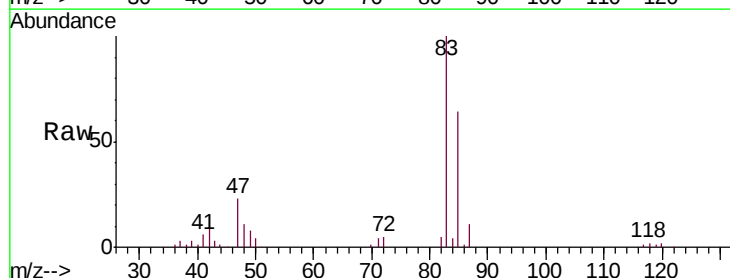
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

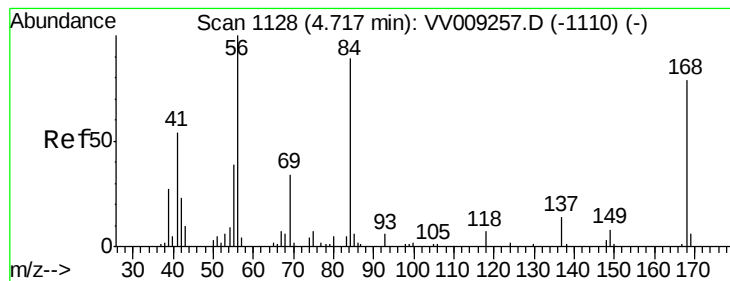
Tgt Ion: 42 Resp: 46090
Ion Ratio Lower Upper
42 100
72 48.8 36.0 54.0
71 43.9 33.3 49.9



#30
Chloroform
Concen: 46.453 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 83 Resp: 87693
Ion Ratio Lower Upper
83 100
85 64.5 49.9 74.9





#31

Cyclohexane

Concen: 42.130 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

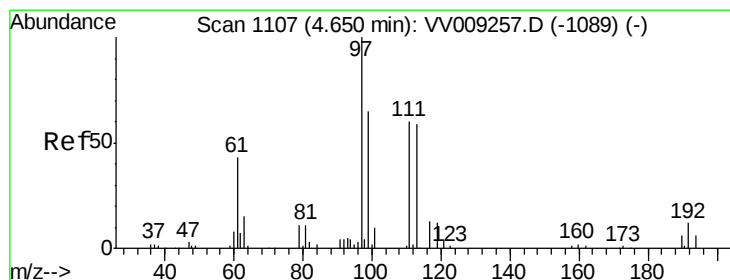
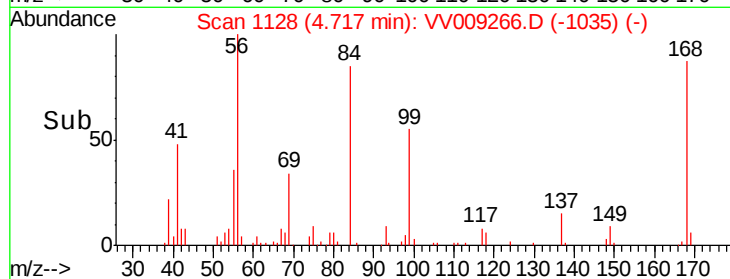
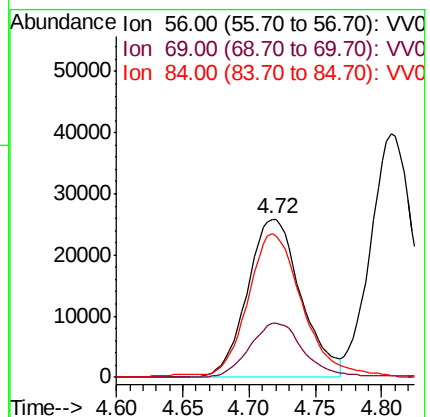
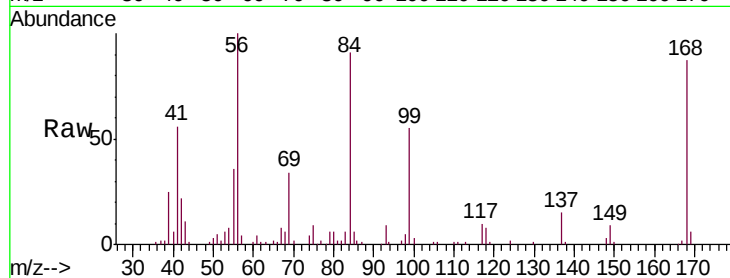
Tgt Ion: 56 Resp: 72970

Ion Ratio Lower Upper

56 100

69 34.1 27.5 41.3

84 89.1 70.9 106.3



#32

1,1,1-Trichloroethane

Concen: 45.473 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

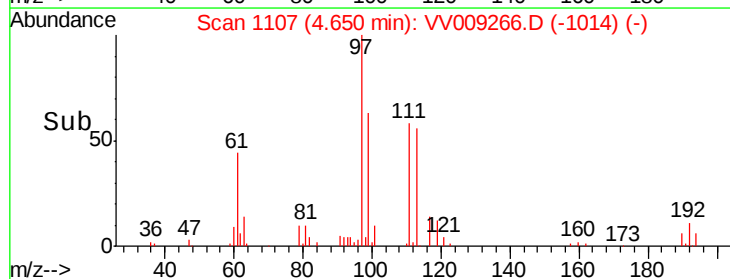
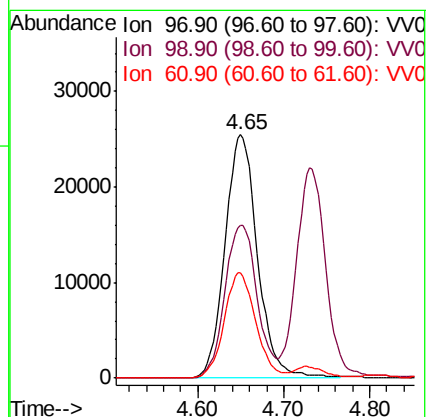
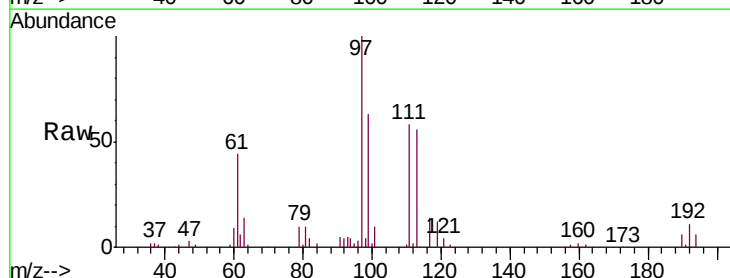
Tgt Ion: 97 Resp: 66742

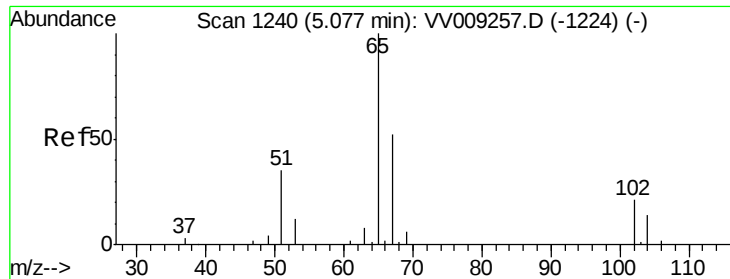
Ion Ratio Lower Upper

97 100

99 62.4 49.8 74.8

61 42.0 33.4 50.0

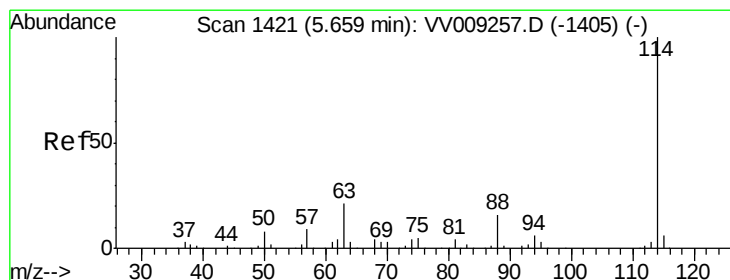
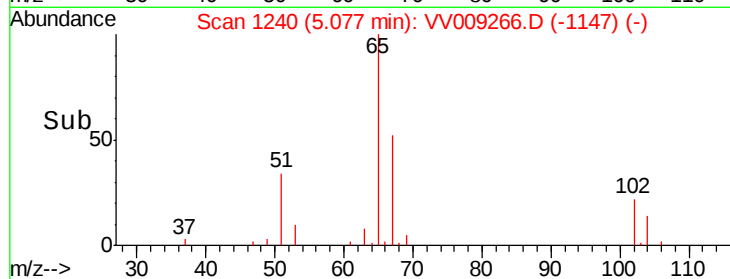
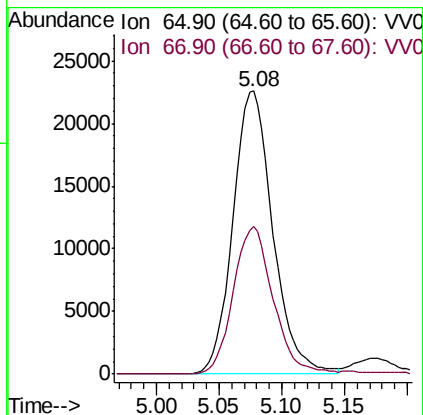
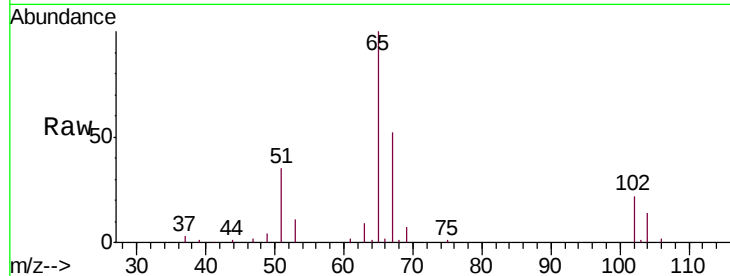




#33
 1,2-Dichloroethane-d4
 Concen: 48.542 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

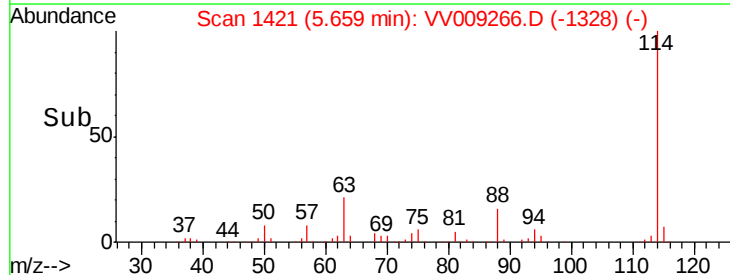
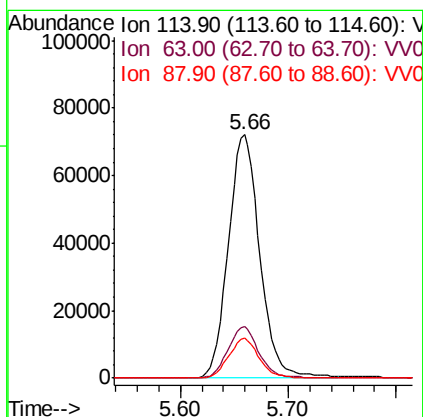
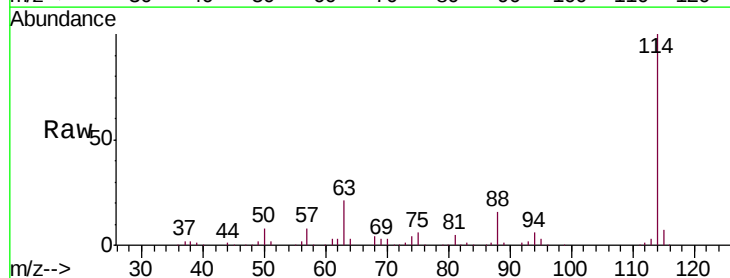
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

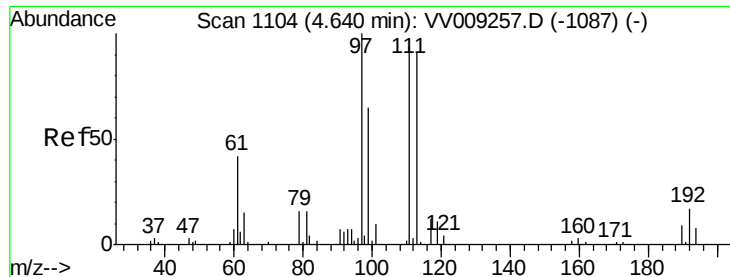
Tgt Ion: 65 Resp: 50070
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 114 Resp: 146756
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 16.3 0.0 33.0

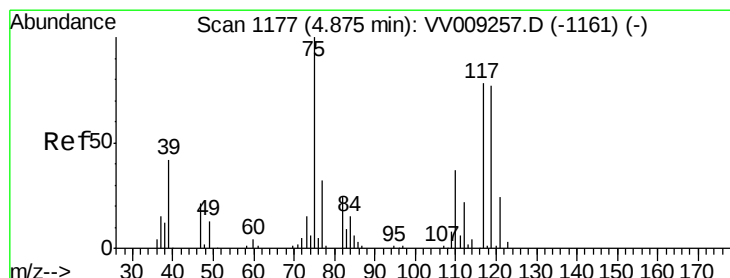
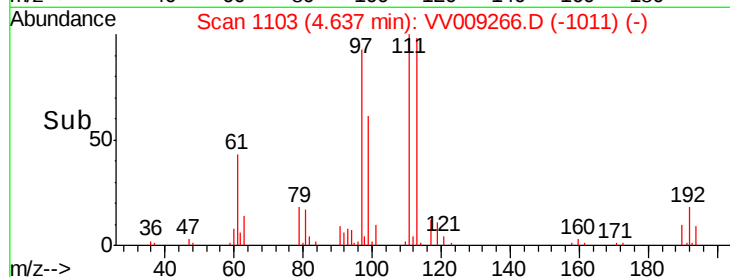
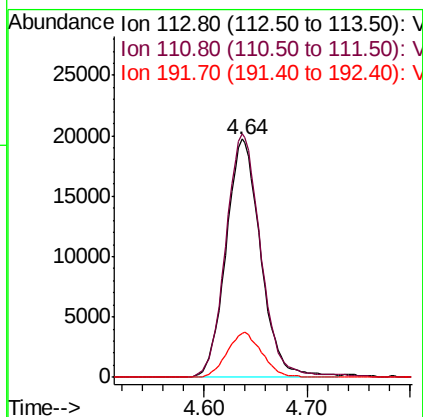
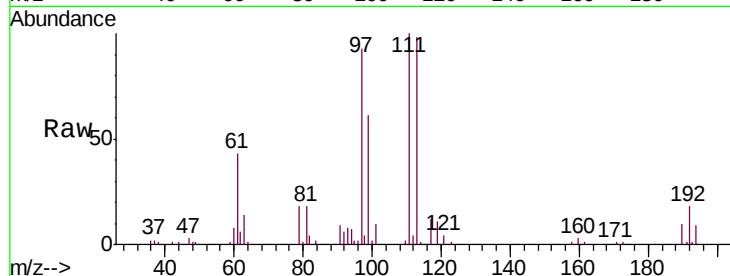




#35
 Dibromofluoromethane
 Concen: 47.597 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

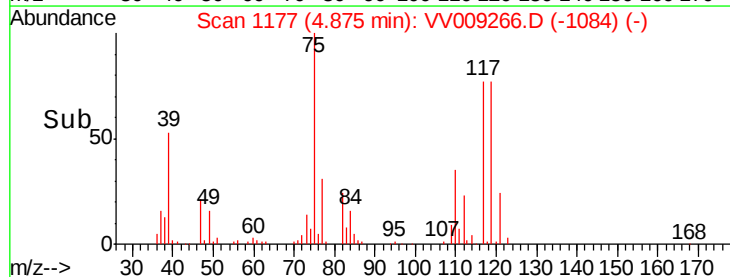
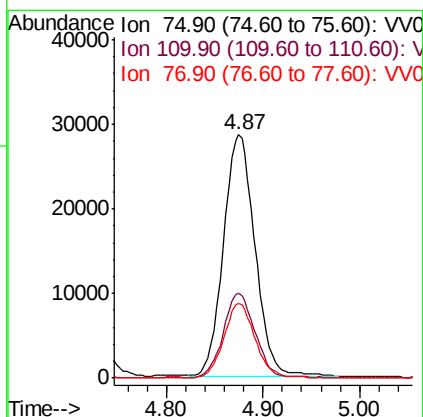
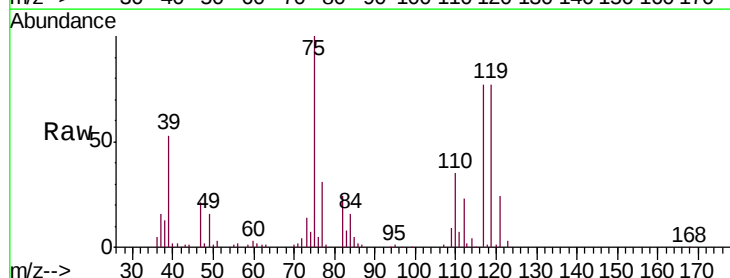
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

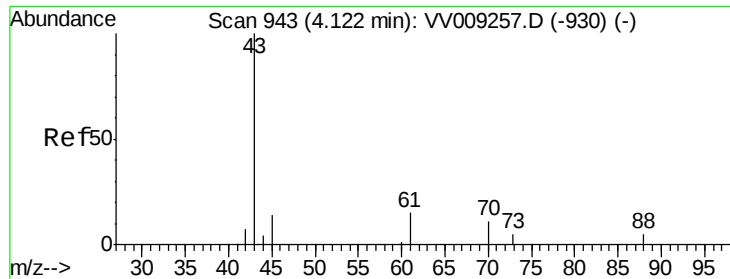
Tgt Ion: 113 Resp: 46086
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 18.7 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 43.804 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 75 Resp: 64368
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.6 52.9
 77 31.1 25.5 38.3

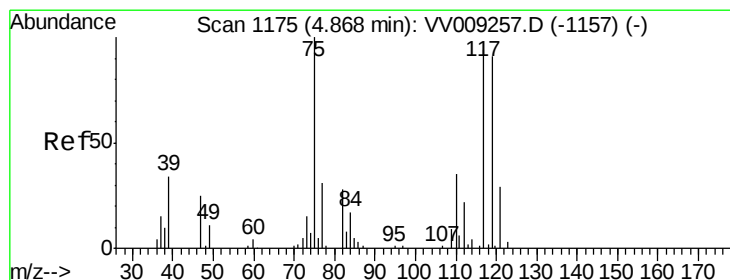
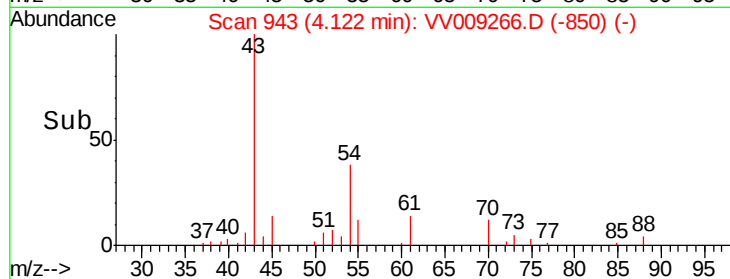
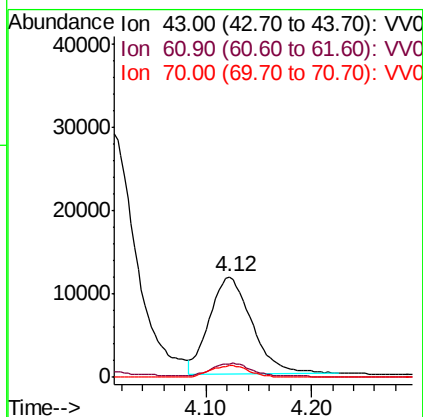
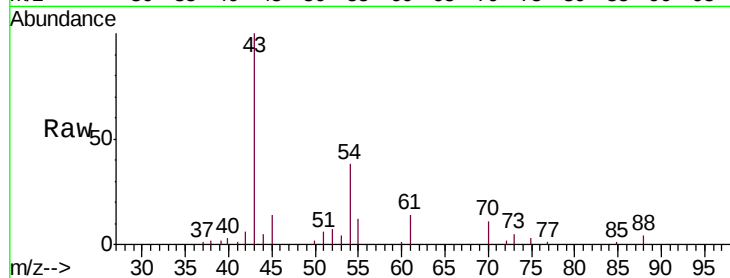




#37
Ethyl Acetate
Concen: 38.287 ug/l
RT: 4.12 min Scan# 943
Delta R.T. 0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

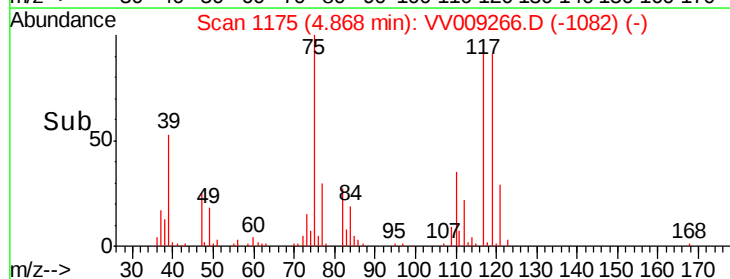
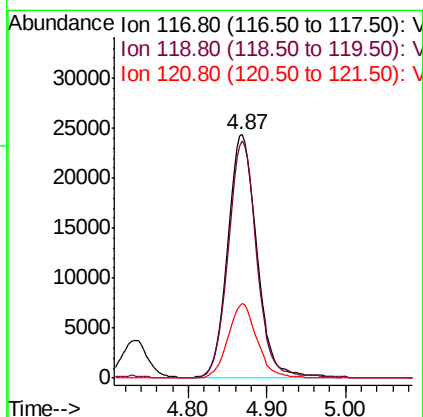
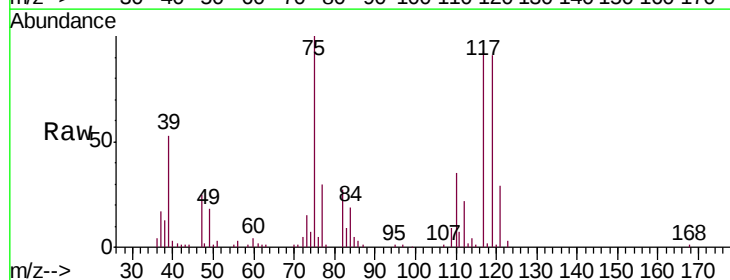
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

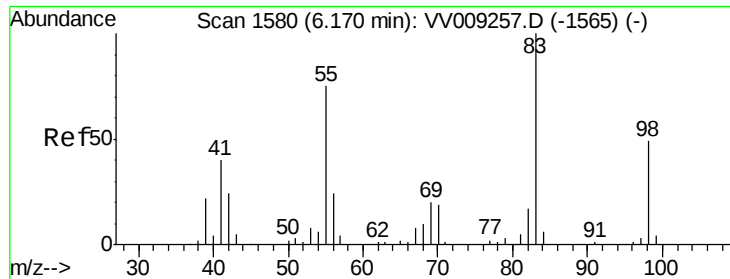
Tgt Ion: 43 Resp: 32728
Ion Ratio Lower Upper
43 100
61 12.6 10.6 15.8
70 10.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 43.111 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 117 Resp: 62647
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2
121 30.8 24.8 37.2

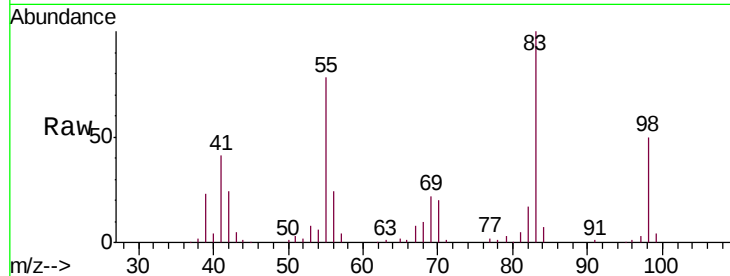




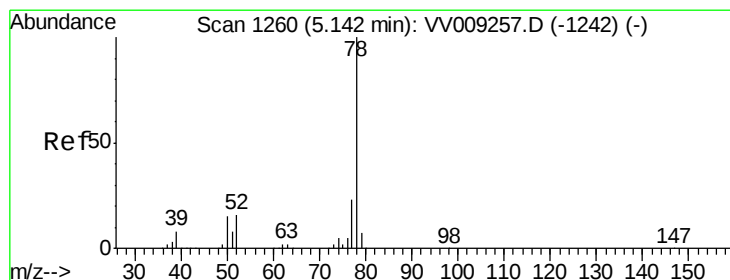
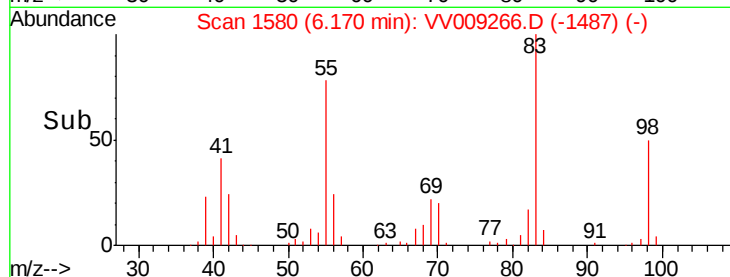
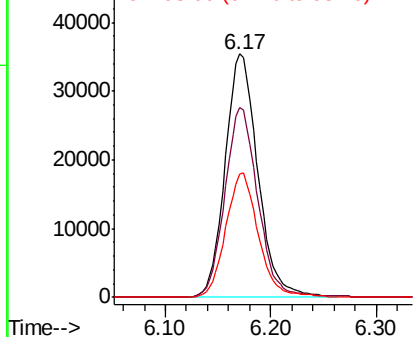
#39
Methylcyclohexane
Concen: 41.429 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 76297
Ion Ratio Lower Upper
83 100
55 78.0 60.1 90.1
98 50.4 39.2 58.8

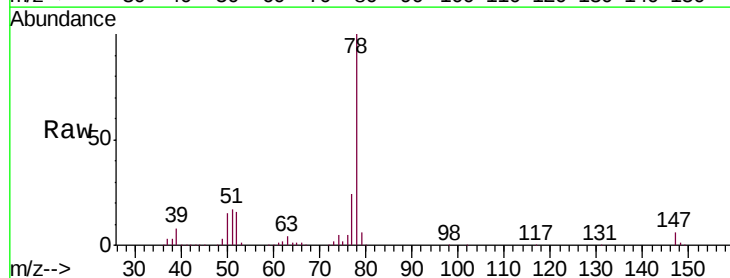


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

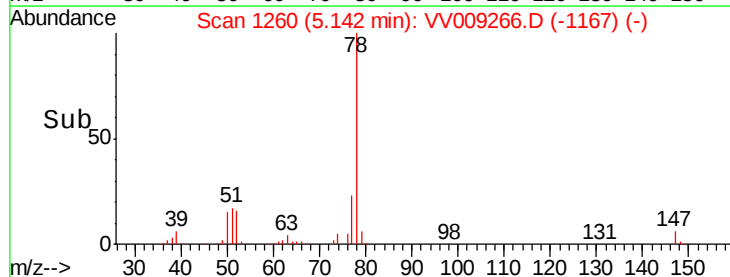
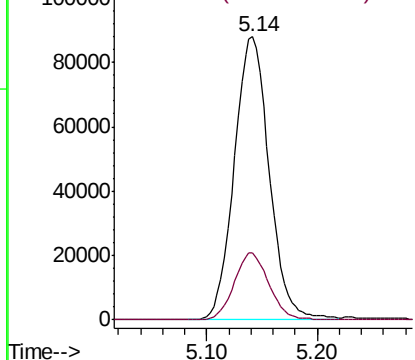


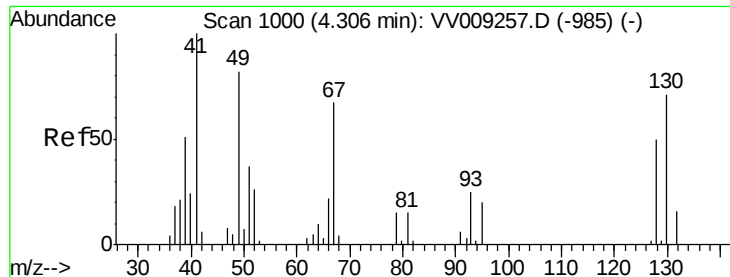
#40
Benzene
Concen: 44.752 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 78 Resp: 193741
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#41

Methacrylonitrile

Concen: 43.745 ug/l

RT: 4.31 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 18728

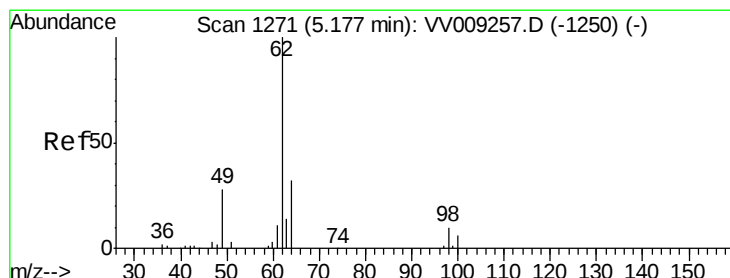
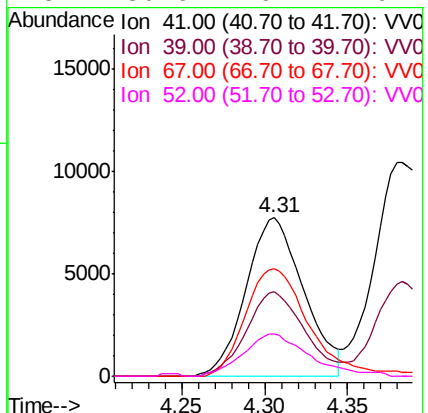
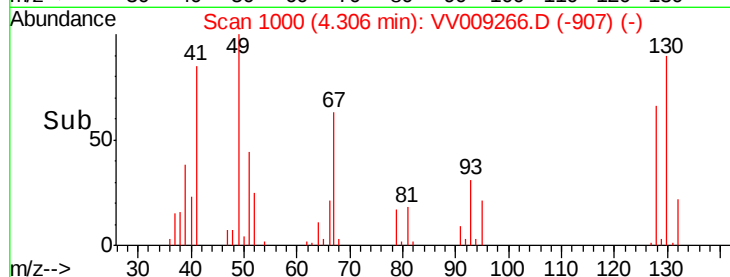
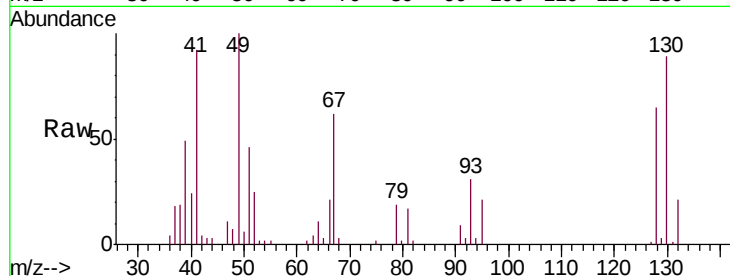
Ion Ratio Lower Upper

41 100

39 54.1 42.3 63.5

67 75.9 57.4 86.2

52 30.6 26.7 40.1



#42

1,2-Dichloroethane

Concen: 43.254 ug/l

RT: 5.17 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VV009266.D

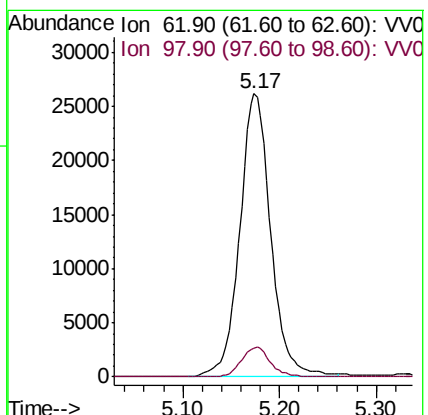
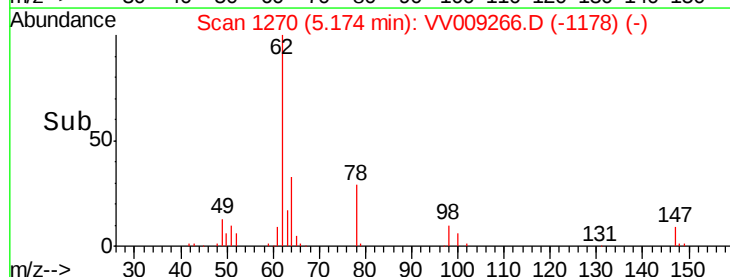
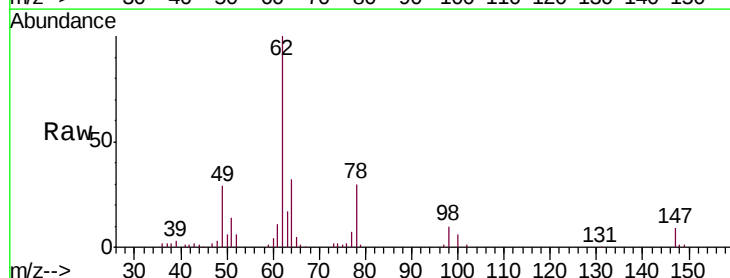
Acq: 24 Jan 2019 18:53

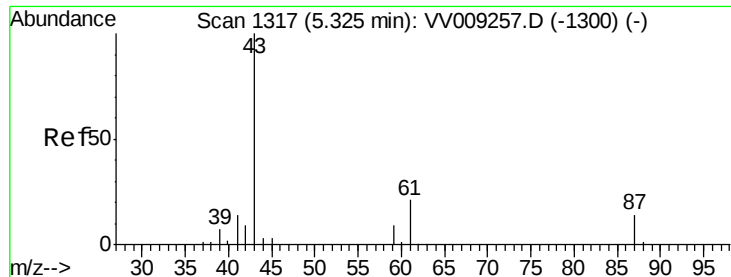
Tgt Ion: 62 Resp: 58226

Ion Ratio Lower Upper

62 100

98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 43.130 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

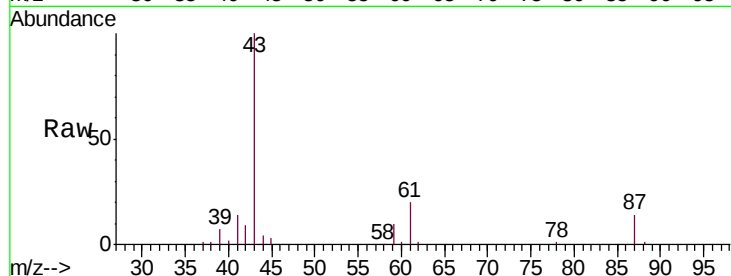
Tgt Ion: 43 Resp: 61395

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.6

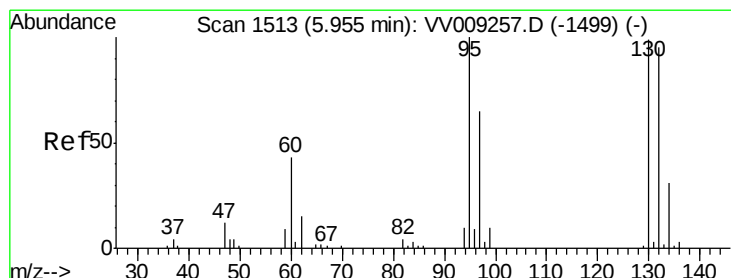
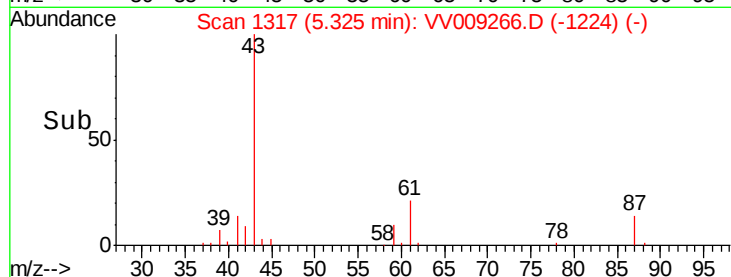
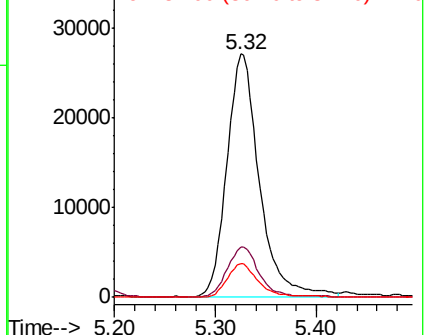
87 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-1300) (-)

Ion 61.00 (60.70 to 61.70): VV009257.D (-1300) (-)

Ion 87.00 (86.70 to 87.70): VV009257.D (-1300) (-)



#44

Trichloroethene

Concen: 44.217 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009266.D

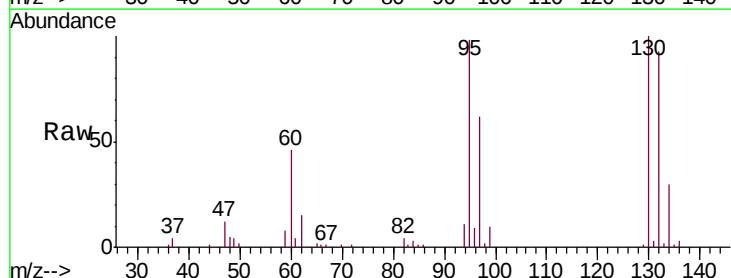
Acq: 24 Jan 2019 18:53

Tgt Ion: 130 Resp: 51086

Ion Ratio Lower Upper

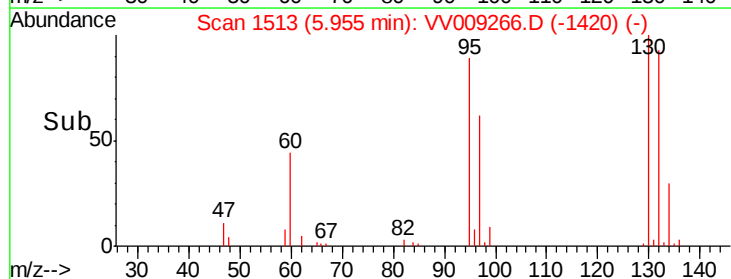
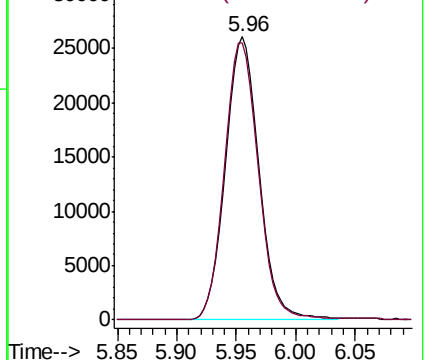
130 100

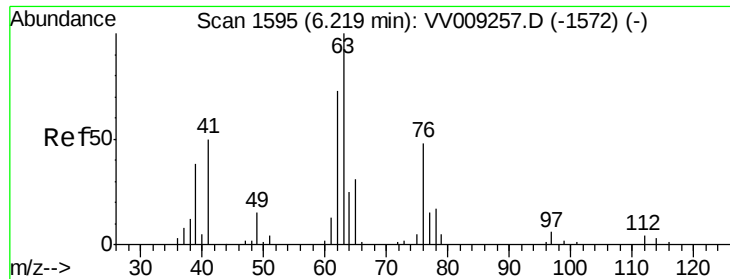
95 98.0 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VV009257.D (-1499) (-)

Ion 94.90 (94.60 to 95.60): VV009257.D (-1499) (-)





#45

1,2-Dichloropropane

Concen: 45.669 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

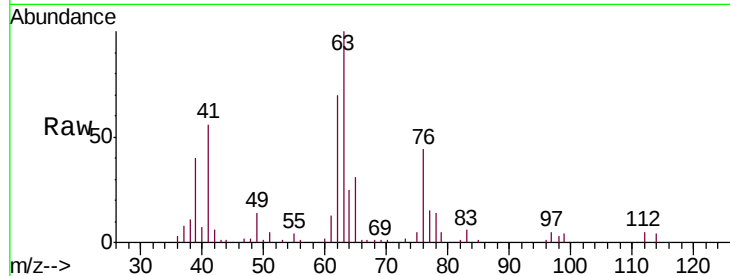
VSTDCCC050EC

Tgt Ion: 63 Resp: 48672

Ion Ratio Lower Upper

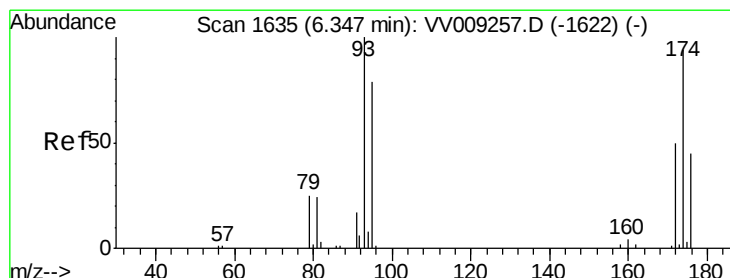
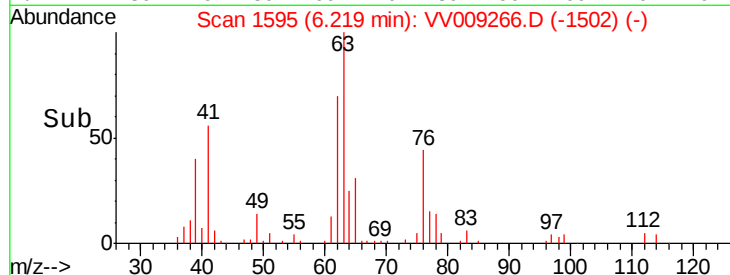
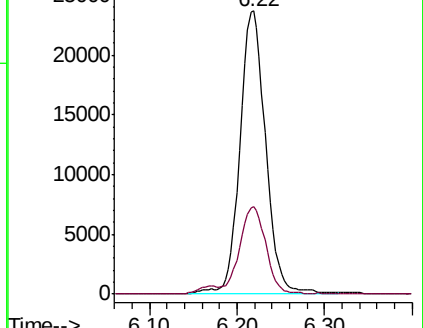
63 100

65 30.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VV009257.D (-1572) (-)

Ion 64.90 (64.60 to 65.60): VV009257.D (-1572) (-)



#46

Dibromomethane

Concen: 44.747 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

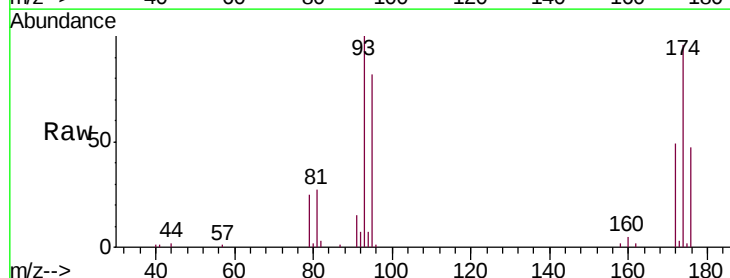
Tgt Ion: 93 Resp: 26716

Ion Ratio Lower Upper

93 100

95 83.5 65.3 97.9

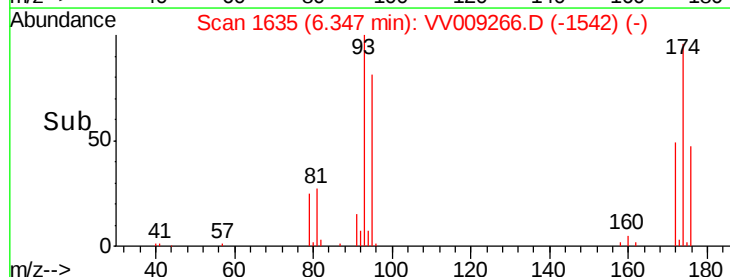
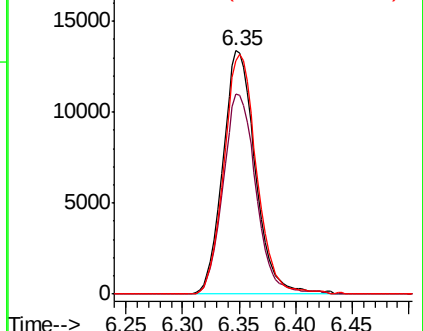
174 99.0 77.0 115.4

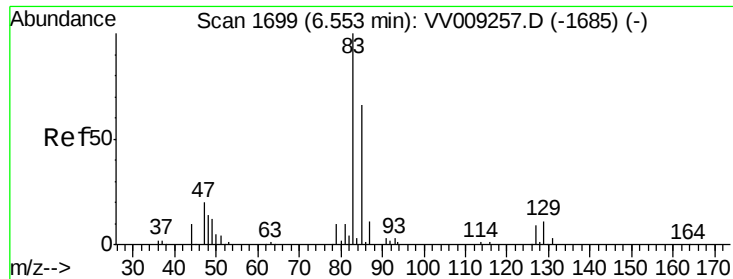


Abundance Ion 92.80 (92.50 to 93.50): VV009257.D (-1622) (-)

Ion 94.80 (94.50 to 95.50): VV009257.D (-1622) (-)

Ion 173.70 (173.40 to 174.40): VV009257.D (-1622) (-)





#47

Bromodichloromethane

Concen: 45.330 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

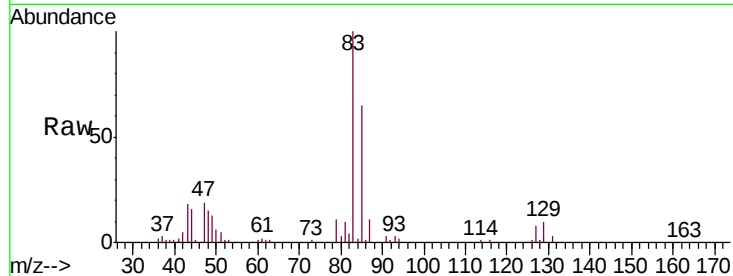
Tgt Ion: 83 Resp: 63659

Ion Ratio Lower Upper

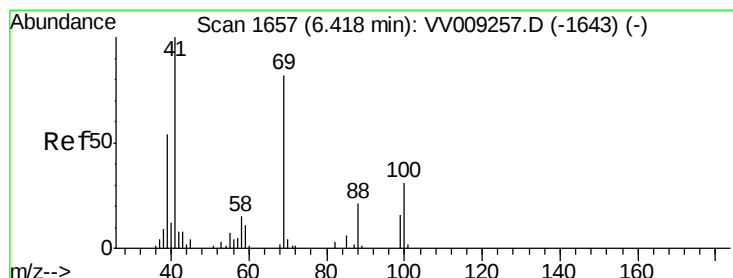
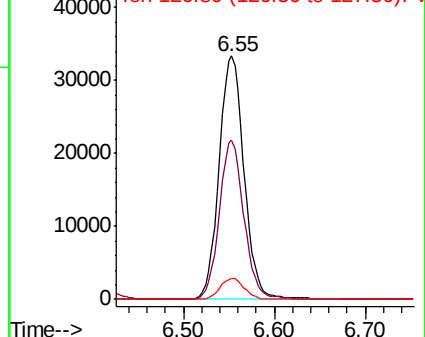
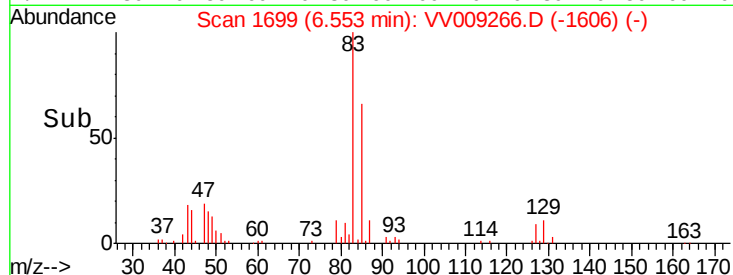
83 100

85 65.5 52.6 79.0

127 8.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009266.D (-1606) (-)



#48

Methyl methacrylate

Concen: 44.310 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

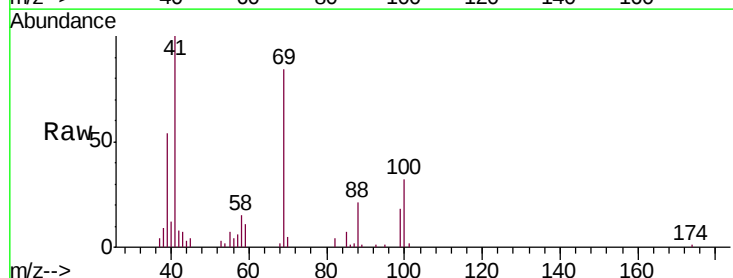
Tgt Ion: 41 Resp: 31289

Ion Ratio Lower Upper

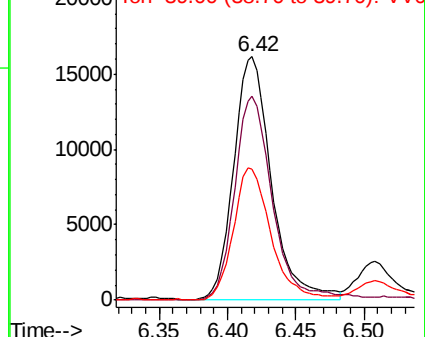
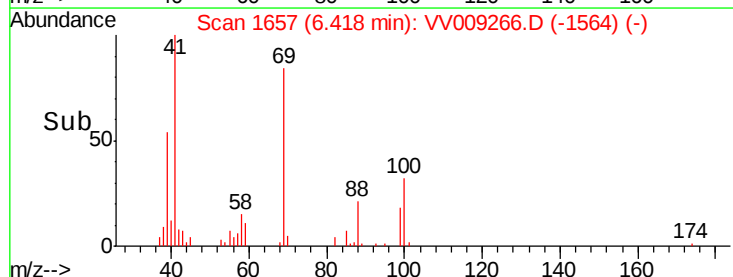
41 100

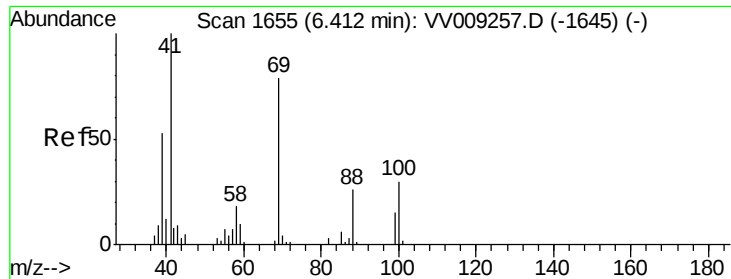
69 83.8 68.6 103.0

39 53.7 43.2 64.8



Abundance Ion 41.00 (40.70 to 41.70): VV009266.D (-1564) (-)

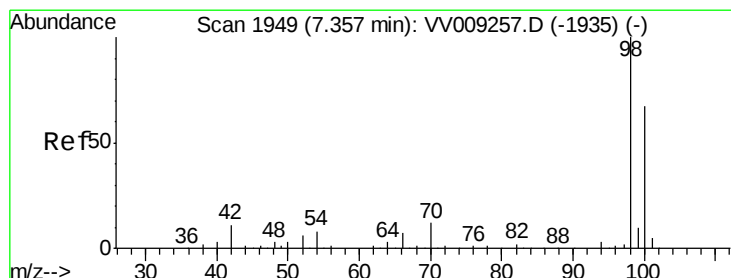
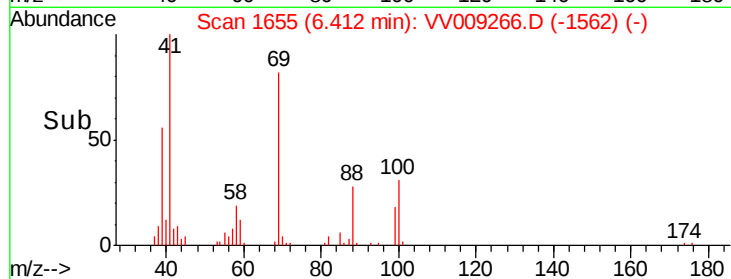
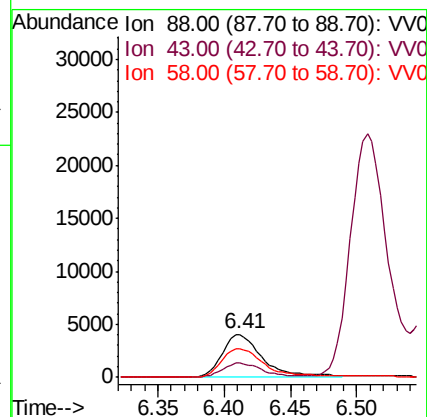
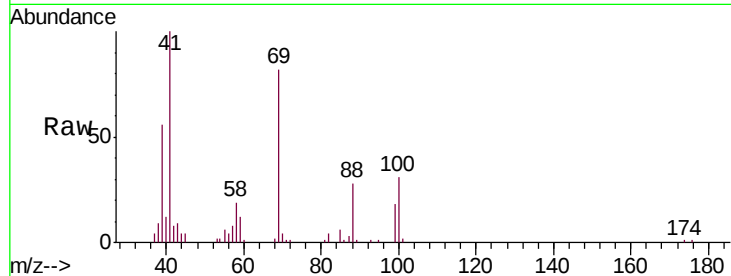




#49
1,4-Dioxane
Concen: 919.343 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

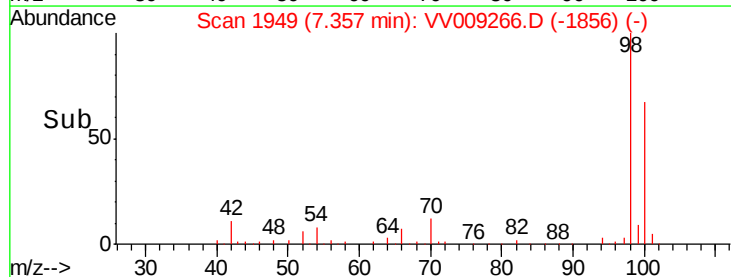
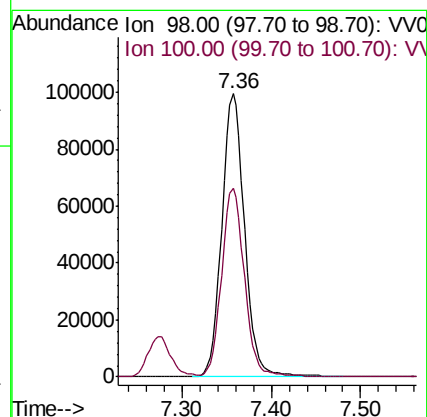
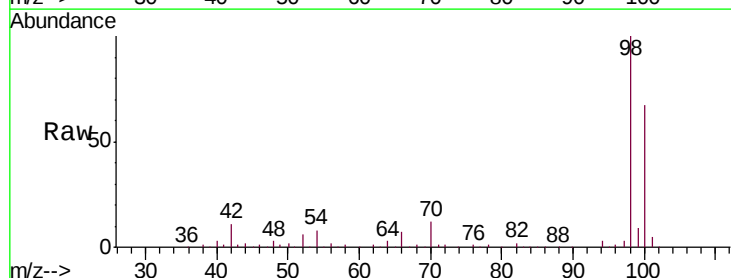
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

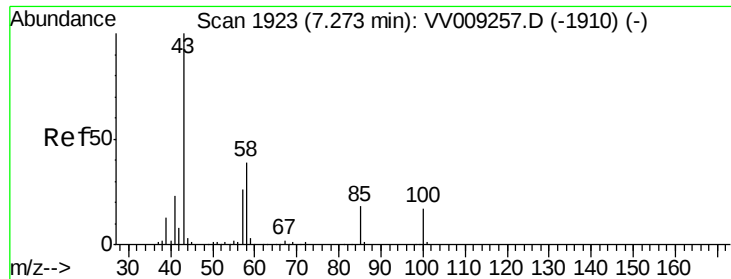
Tgt Ion: 88 Resp: 8613
Ion Ratio Lower Upper
88 100
43 33.4 28.3 42.5
58 72.4 50.0 75.0



#50
Toluene-d8
Concen: 47.530 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 98 Resp: 175265
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 216.011 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

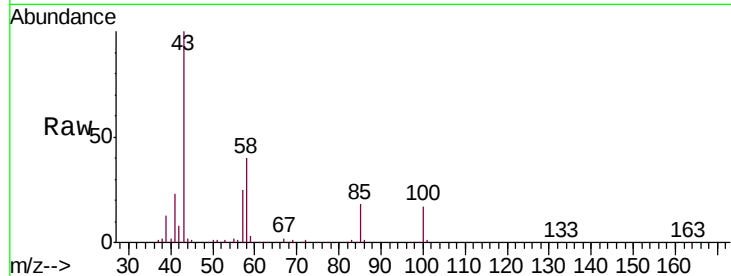
VSTDCCC050EC

Tgt Ion: 43 Resp: 161826

Ion Ratio Lower Upper

43 100

58 39.3 30.5 45.7

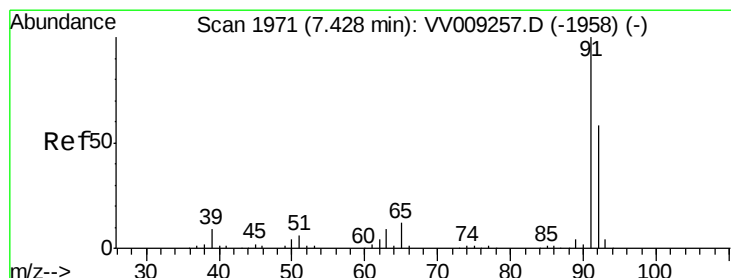
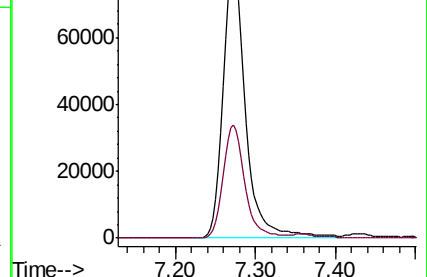
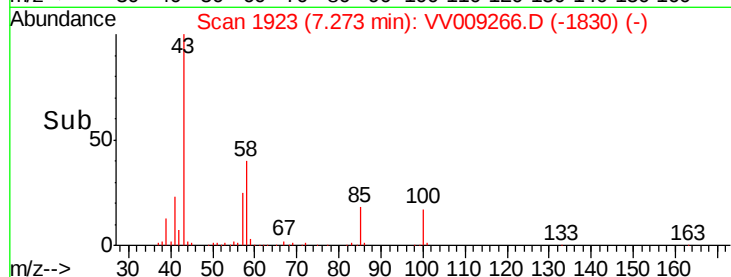


Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-1910) (-)

Ion 58.00 (57.70 to 58.70): VV009257.D (-1910) (-)

7.27

Time-->



#52

Toluene

Concen: 44.993 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV009266.D

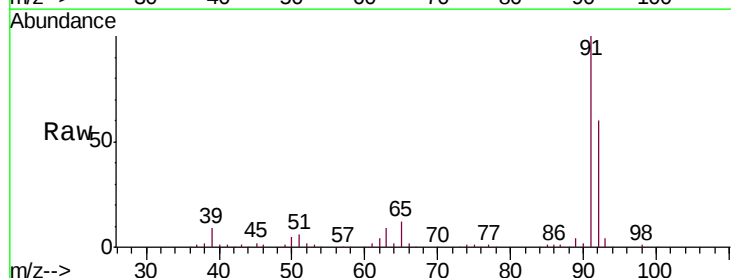
Acq: 24 Jan 2019 18:53

Tgt Ion: 92 Resp: 123005

Ion Ratio Lower Upper

92 100

91 168.3 137.2 205.8

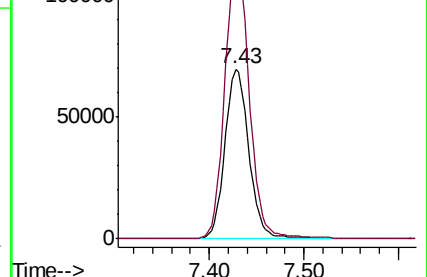
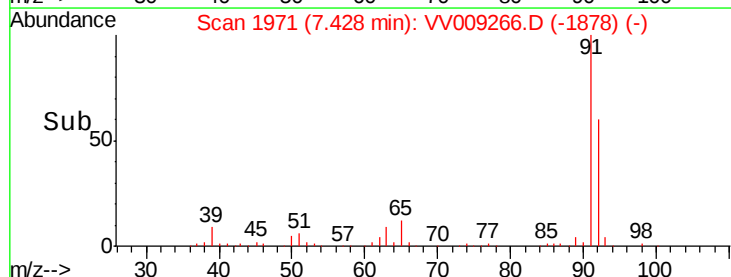


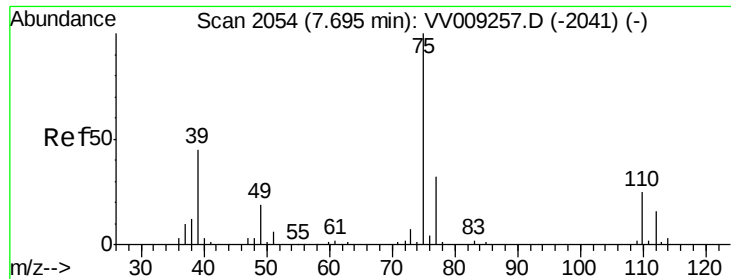
Abundance Ion 92.00 (91.70 to 92.70): VV009257.D (-1958) (-)

Ion 91.00 (90.70 to 91.70): VV009257.D (-1958) (-)

7.43

Time-->





#53

t-1,3-Dichloropropene

Concen: 44.569 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

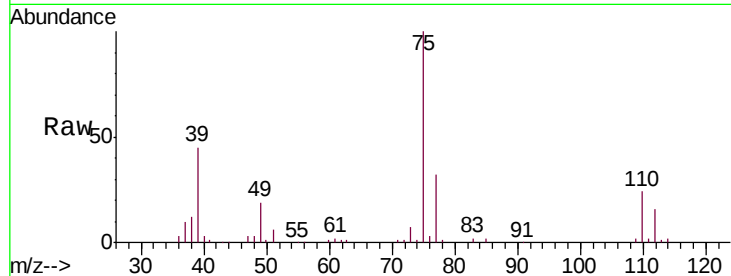
VSTDCCC050EC

Tgt Ion: 75 Resp: 63299

Ion Ratio Lower Upper

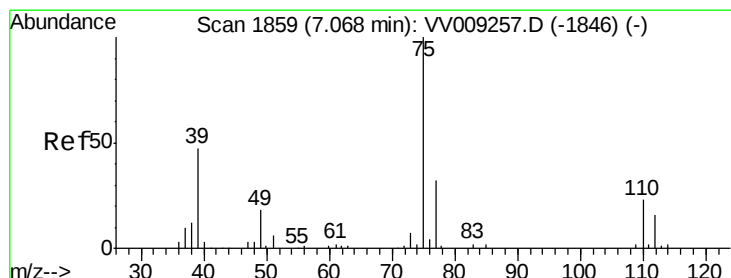
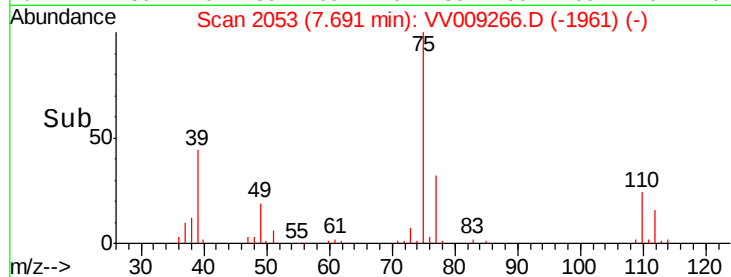
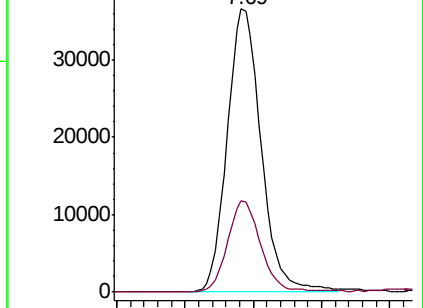
75 100

77 32.3 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VV009257.D (-2041) (-)

Ion 76.90 (76.60 to 77.60): VV009257.D (-2041) (-)



#54

cis-1,3-Dichloropropene

Concen: 45.935 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

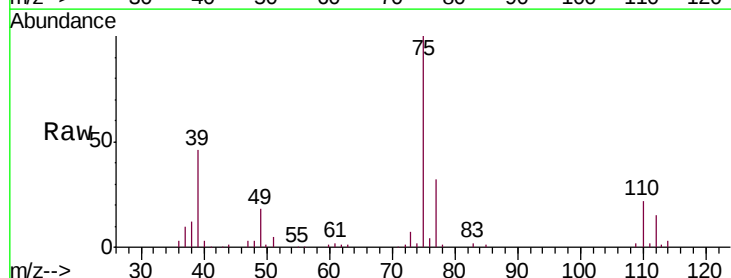
Tgt Ion: 75 Resp: 74013

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

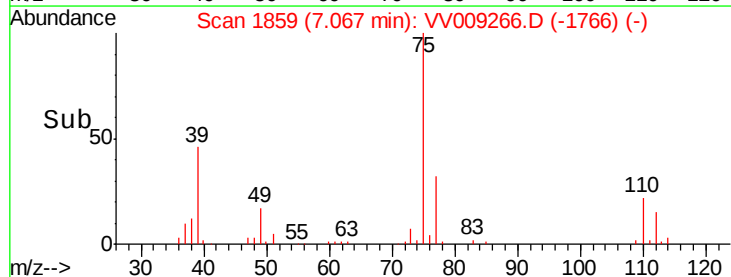
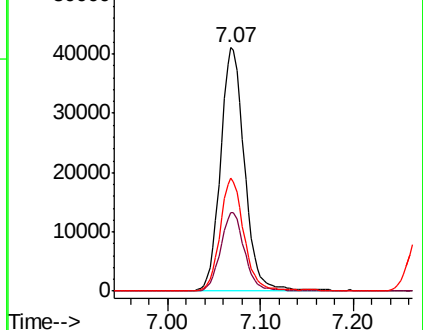
39 46.3 38.0 57.0

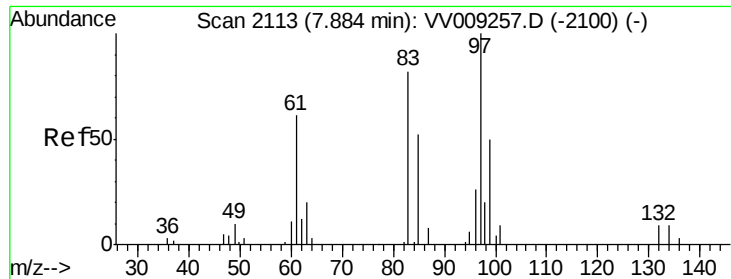


Abundance Ion 74.90 (74.60 to 75.60): VV009257.D (-1846) (-)

Ion 76.90 (76.60 to 77.60): VV009257.D (-1846) (-)

Ion 39.00 (38.70 to 39.70): VV009257.D (-1846) (-)

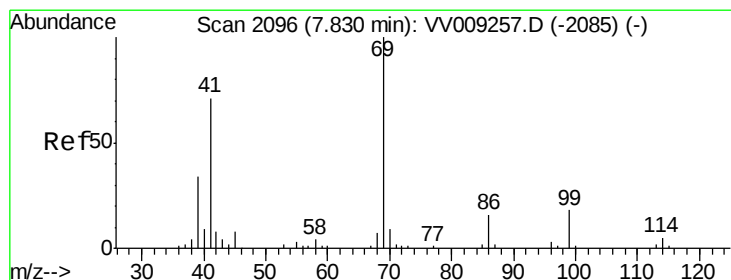
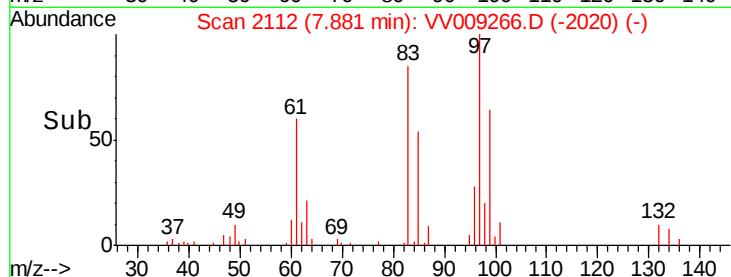
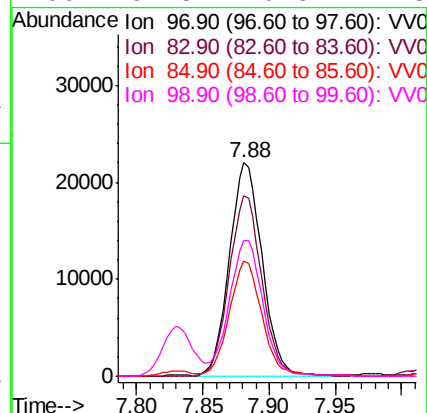
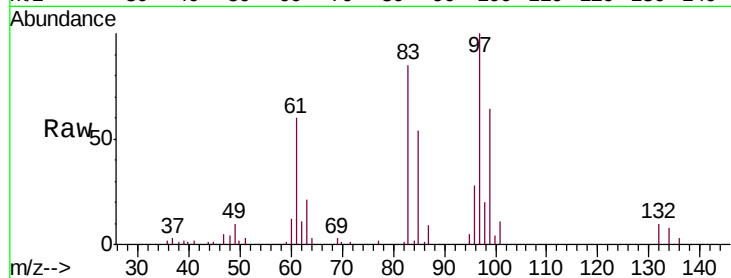




#55
 1,1,2-Trichloroethane
 Concen: 45.687 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

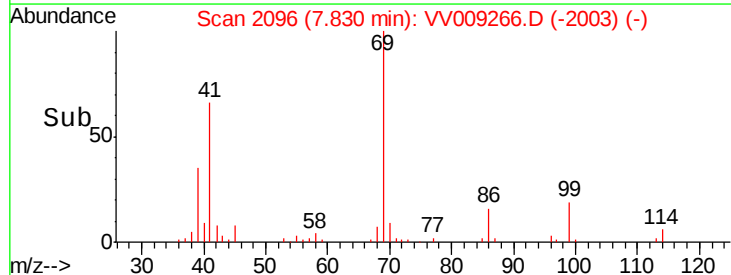
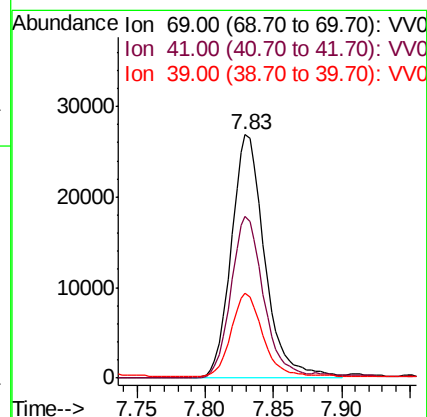
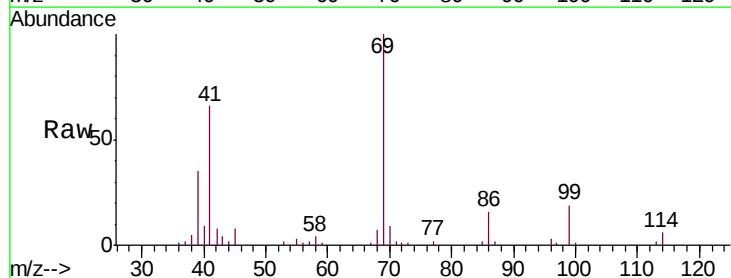
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

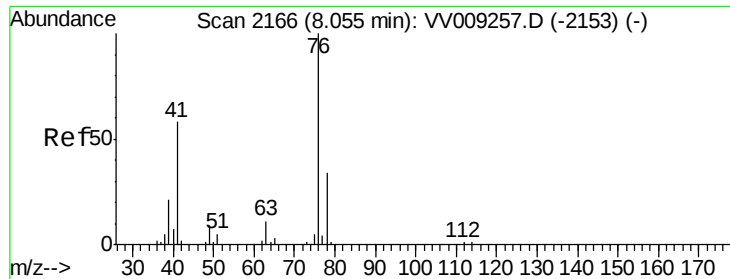
Tgt Ion:	97	Resp:	38035
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.6	98.4
85	53.5	41.8	62.8
99	62.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 45.657 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion:	69	Resp:	45923
Ion	Ratio	Lower	Upper
69	100		
41	64.3	54.6	81.8
39	32.4	27.0	40.4





#57

1,3-Dichloropropane

Concen: 45.178 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

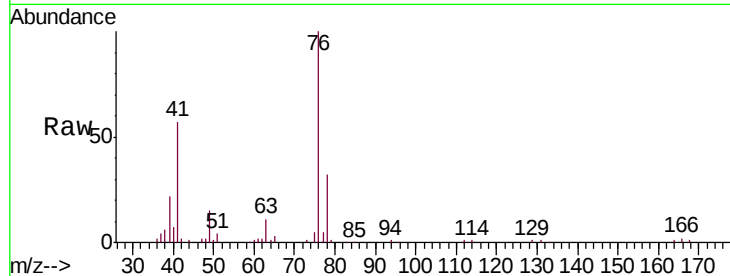
VSTDCCC050EC

Tgt Ion: 76 Resp: 67011

Ion Ratio Lower Upper

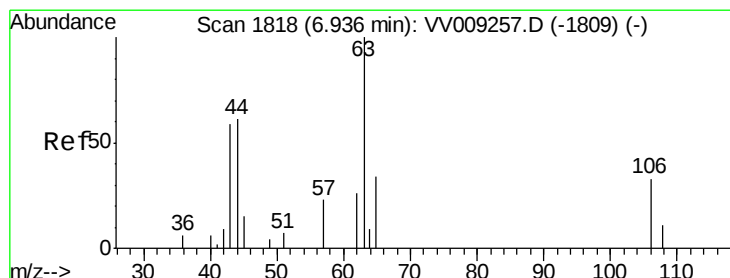
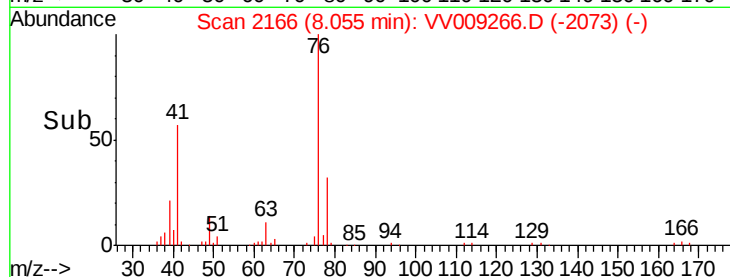
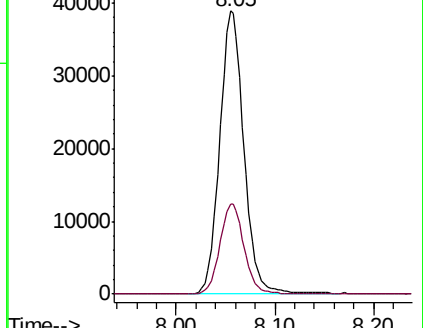
76 100

78 31.9 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VV009257.D (-2153) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-2153) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 160.361 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VV009266.D

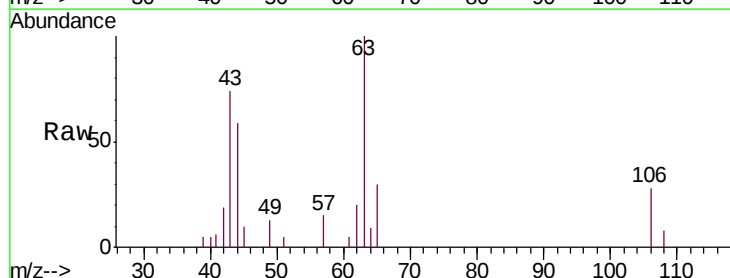
Acq: 24 Jan 2019 18:53

Tgt Ion: 63 Resp: 4268

Ion Ratio Lower Upper

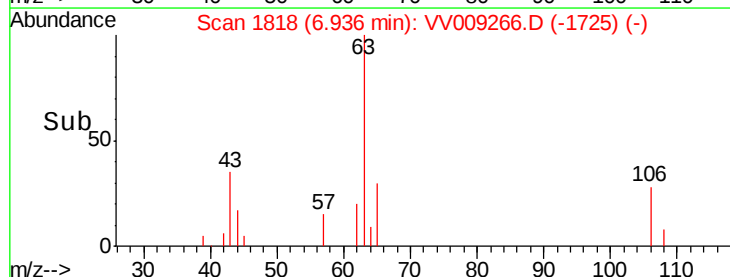
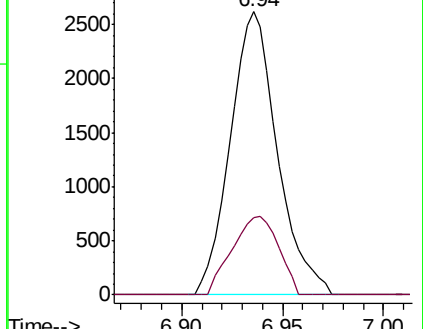
63 100

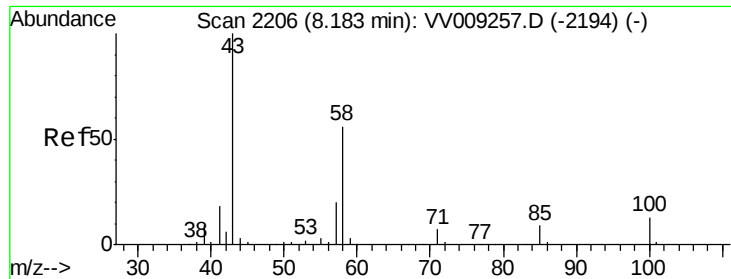
106 27.5 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VV009257.D (-1809) (-)

Ion 105.90 (105.60 to 106.60): VV009257.D (-1809) (-)

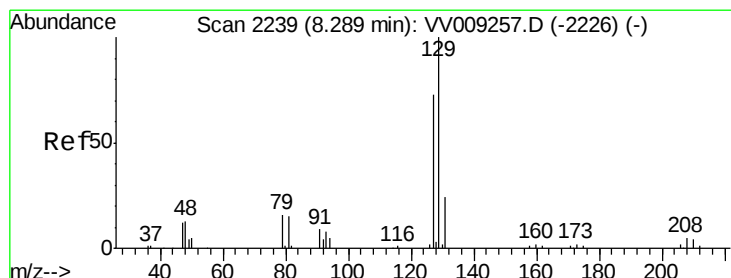
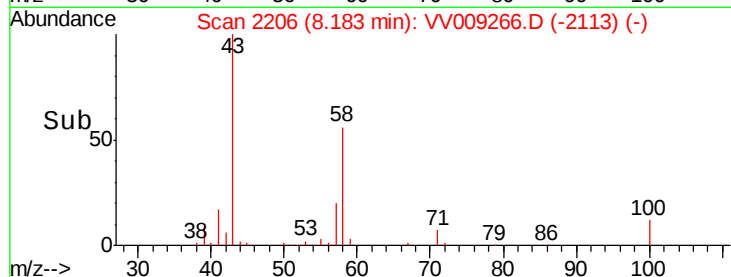
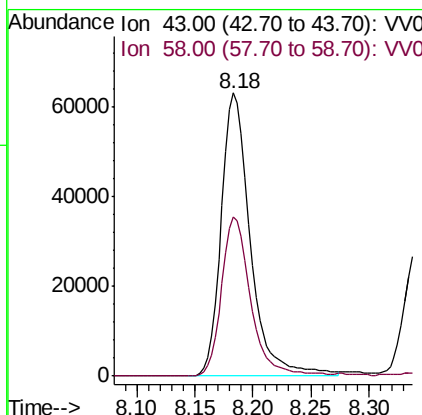
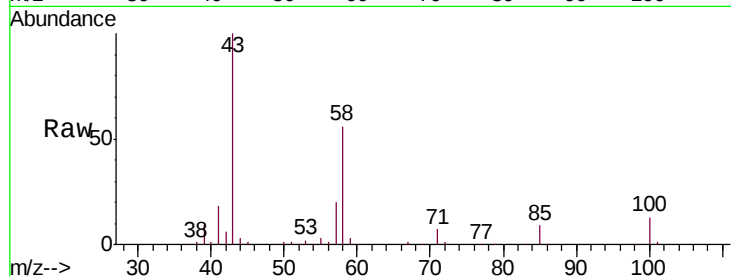




#59
 2-Hexanone
 Concen: 204.791 ug/l
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

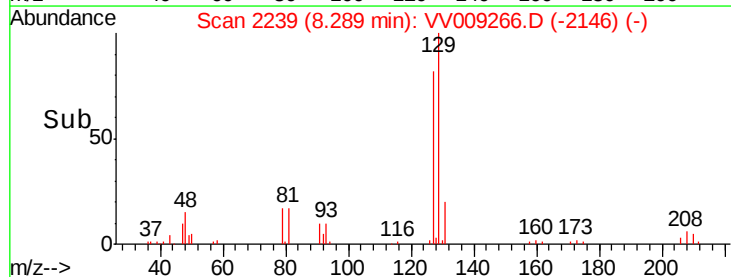
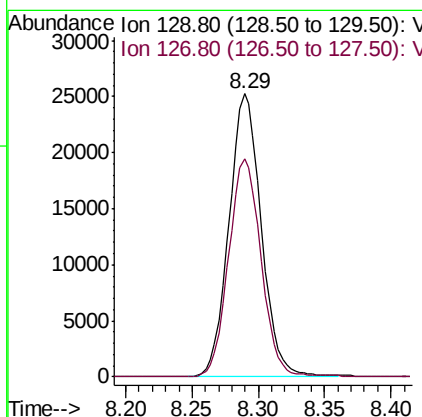
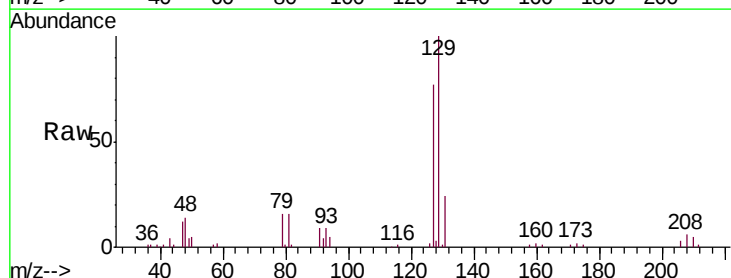
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

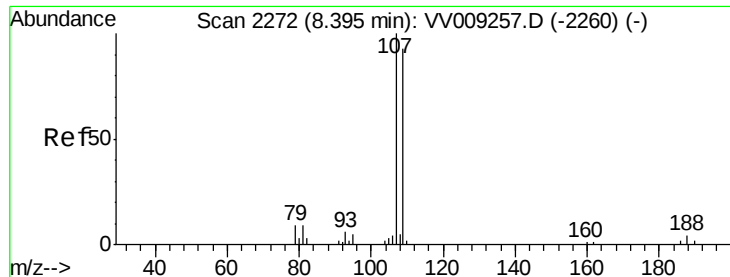
Tgt Ion: 43 Resp: 110293
 Ion Ratio Lower Upper
 43 100
 58 55.5 27.9 83.7



#60
 Dibromochloromethane
 Concen: 44.930 ug/l
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 129 Resp: 42757
 Ion Ratio Lower Upper
 129 100
 127 77.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 45.239 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

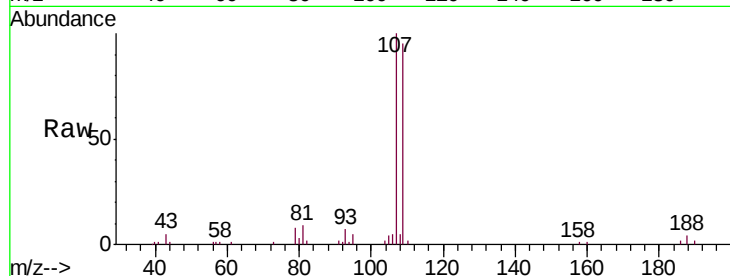
VSTDCCC050EC

Tgt Ion: 107 Resp: 37841

Ion Ratio Lower Upper

107 100

109 93.9 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

10000

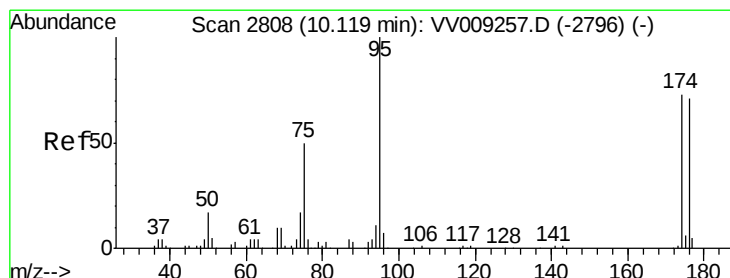
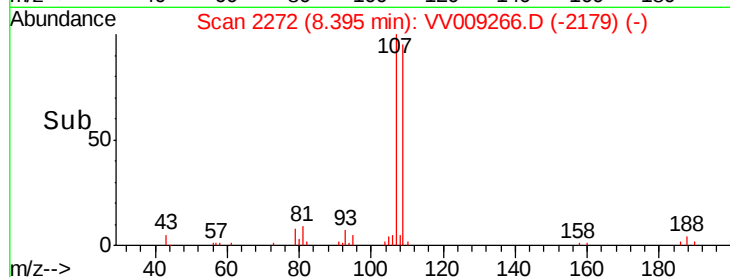
5000

0

8.40

8.35 8.40 8.45 8.50

Time-->



#62

4-Bromofluorobenzene

Concen: 47.660 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

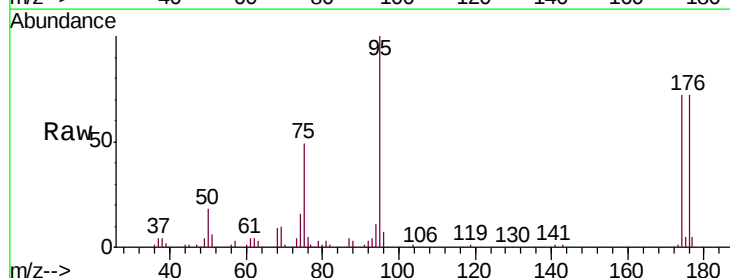
Tgt Ion: 95 Resp: 67790

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.0

176 74.1 0.0 144.0



Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

30000

20000

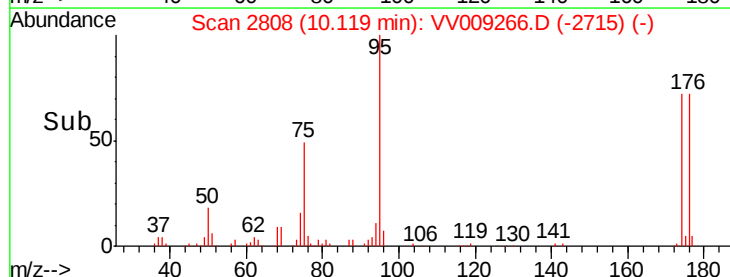
10000

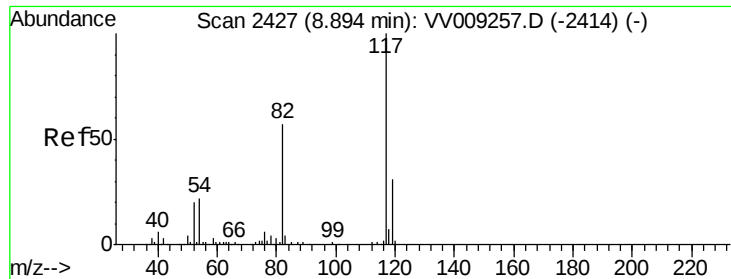
0

10.12

10.05 10.10 10.15 10.20

Time-->

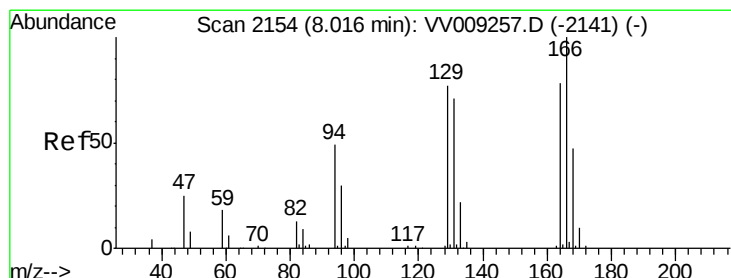
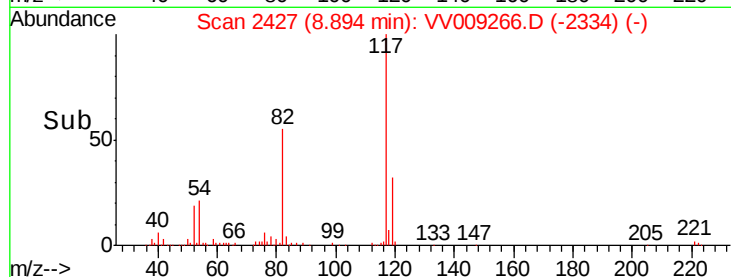
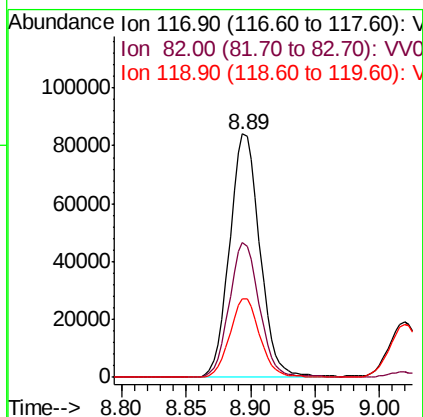
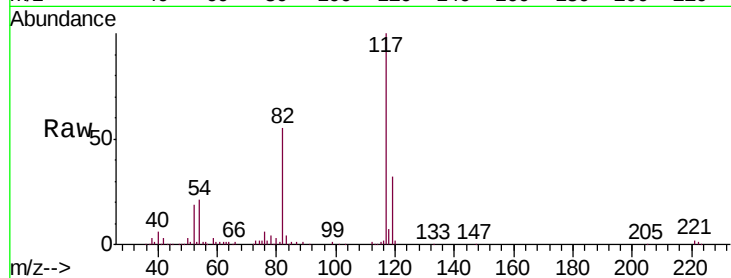




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

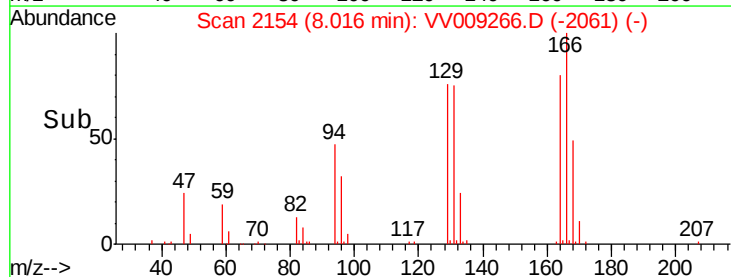
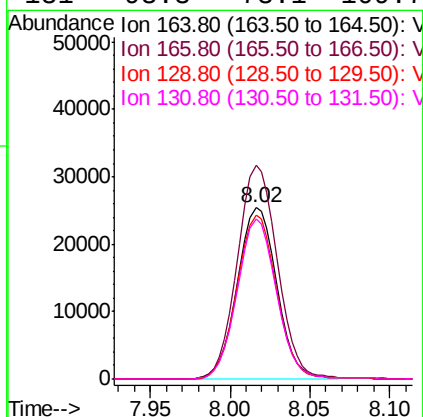
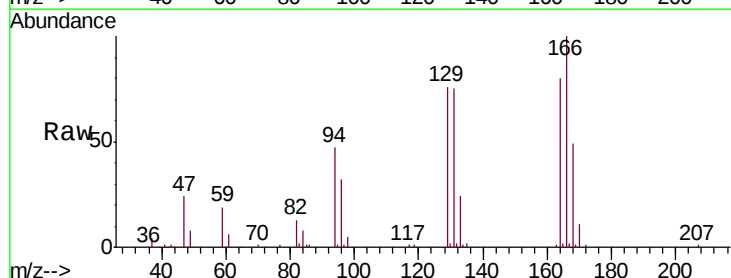
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

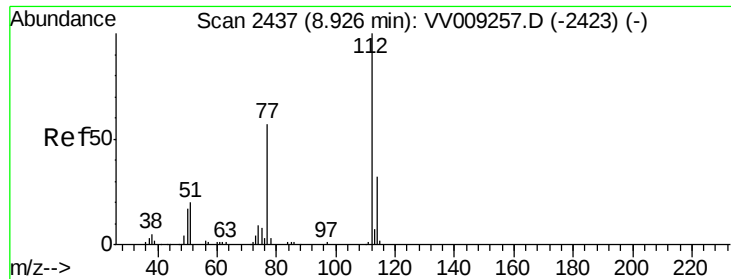
Tgt Ion:117 Resp: 137441
Ion Ratio Lower Upper
117 100
82 55.3 45.8 68.6
119 32.1 24.8 37.2



#64
Tetrachloroethene
Concen: 45.305 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion:164 Resp: 42935
Ion Ratio Lower Upper
164 100
166 124.6 102.3 153.5
129 95.3 78.6 117.8
131 93.3 73.1 109.7





#65

Chlorobenzene

Concen: 43.412 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

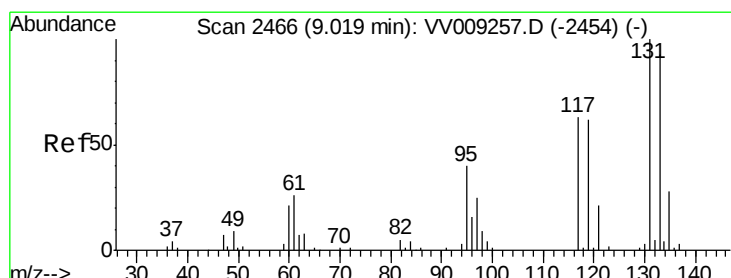
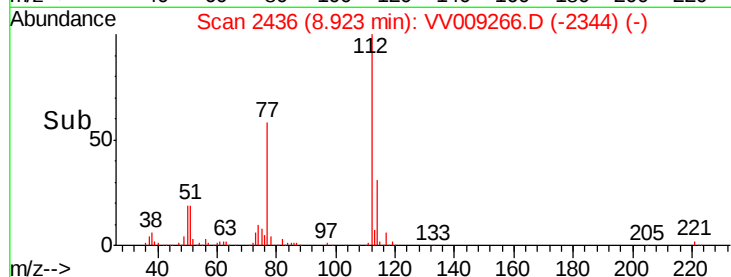
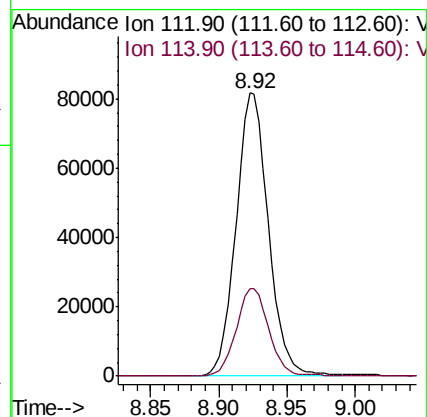
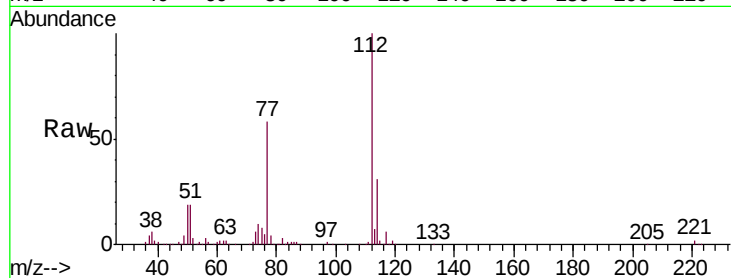
VSTDCCC050EC

Tgt Ion:112 Resp: 134560

Ion Ratio Lower Upper

112 100

114 31.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 44.696 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

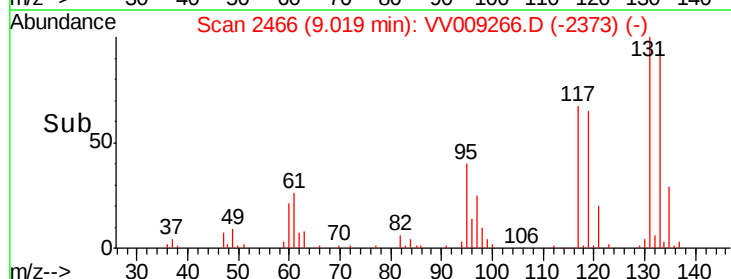
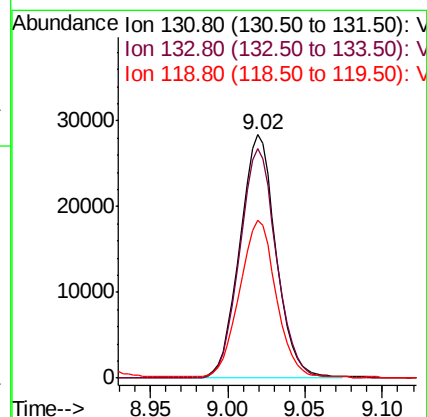
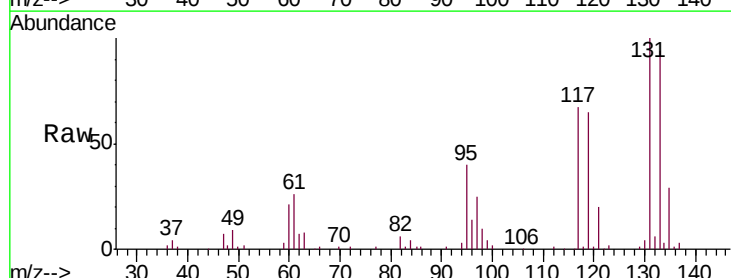
Tgt Ion:131 Resp: 46258

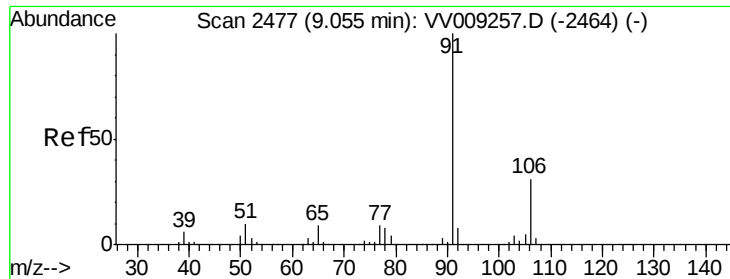
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 64.7 32.4 97.2

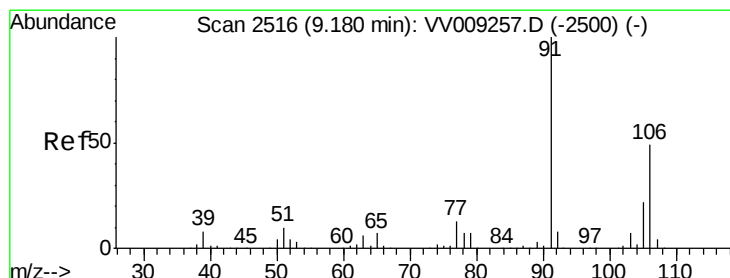
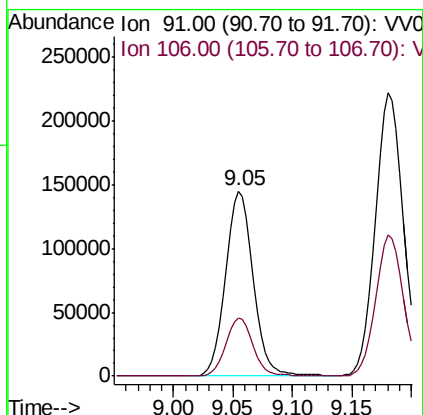
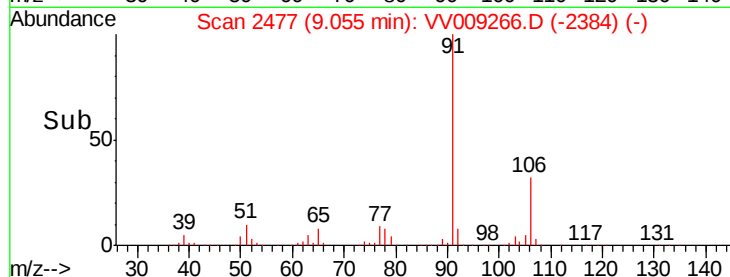
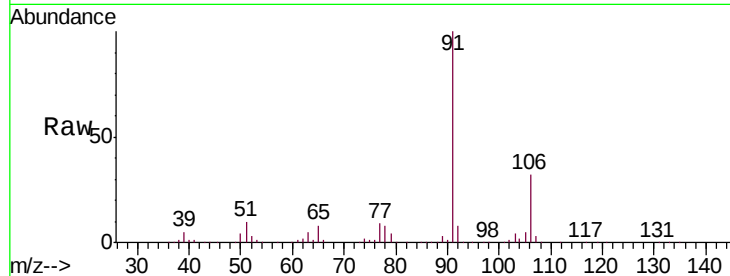




#67
 Ethyl Benzene
 Concen: 44.558 ug/l
 RT: 9.05 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

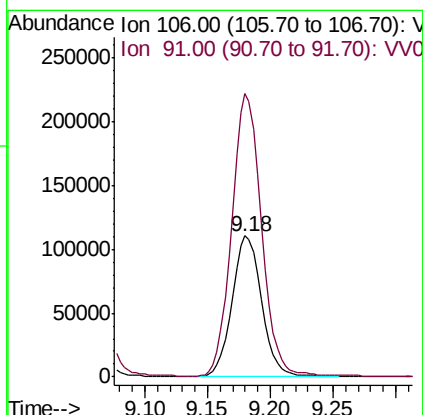
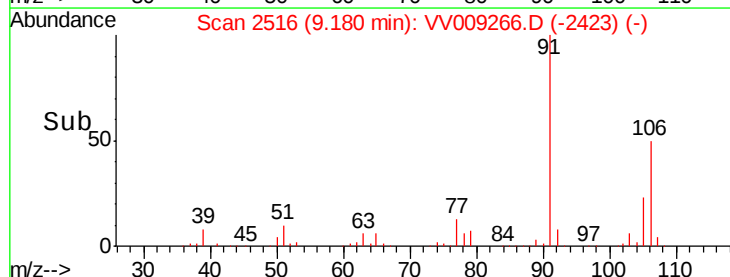
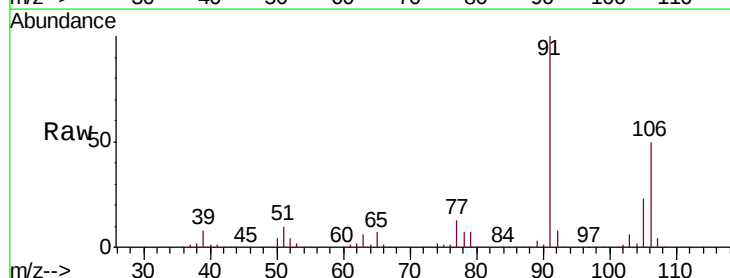
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

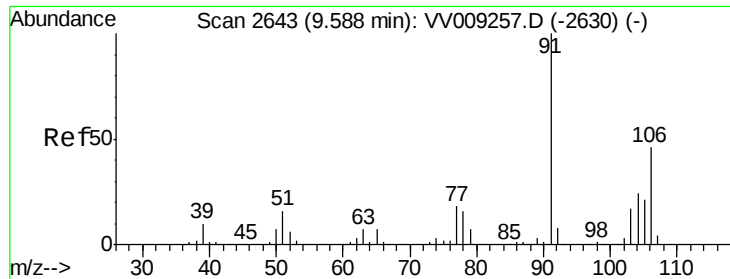
Tgt Ion: 91 Resp: 234322
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.6 37.0



#68
 m/p-Xylenes
 Concen: 89.737 ug/l
 RT: 9.18 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 106 Resp: 181022
 Ion Ratio Lower Upper
 106 100
 91 202.7 161.9 242.9

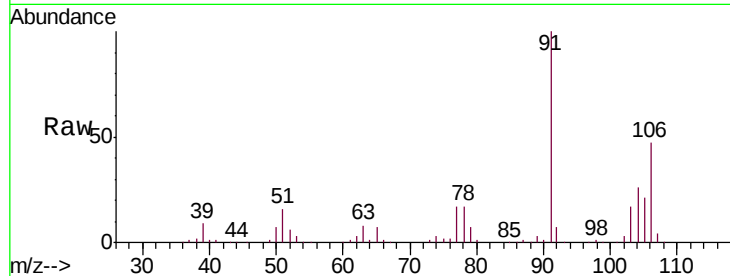




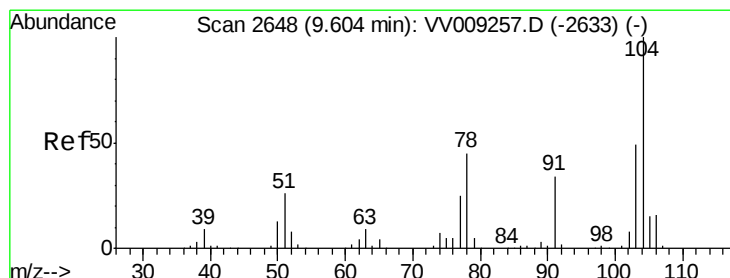
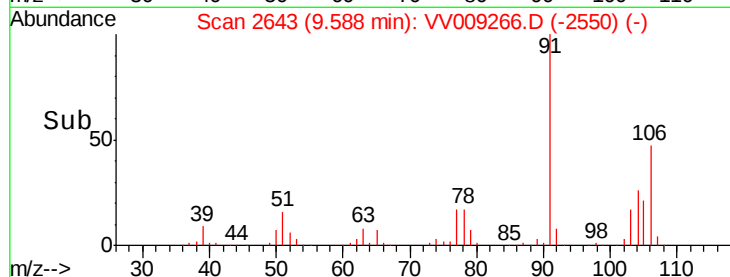
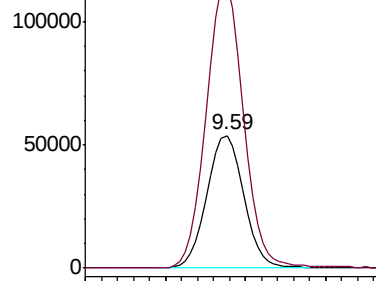
#69
o-Xylene
Concen: 45.066 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 84954
Ion Ratio Lower Upper
106 100
91 217.0 108.3 324.9

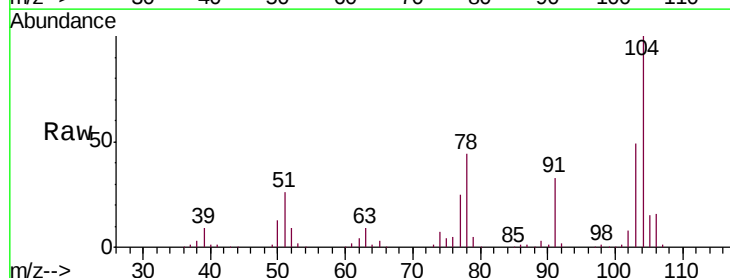


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

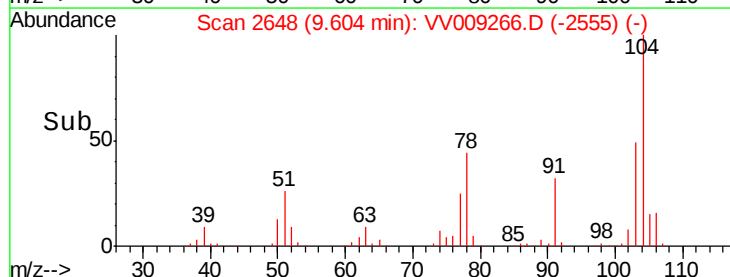
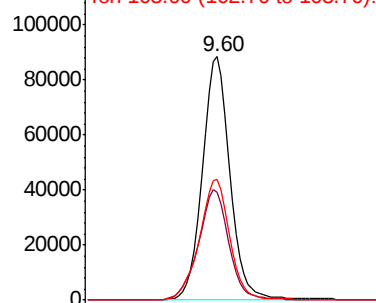


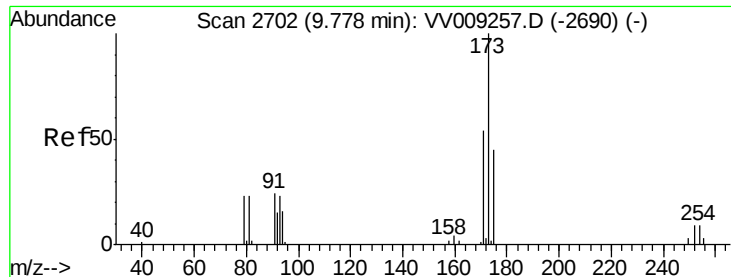
#70
Styrene
Concen: 46.419 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion:104 Resp: 142500
Ion Ratio Lower Upper
104 100
78 49.9 40.6 60.8
103 54.6 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.000 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

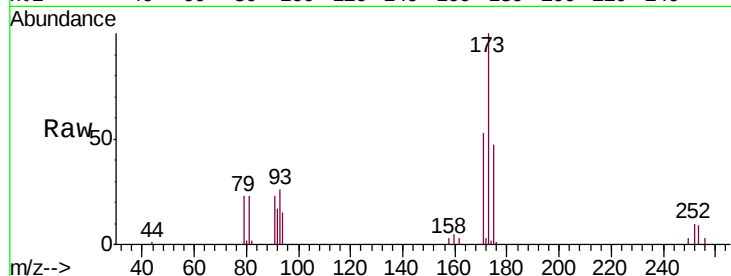
Tgt Ion:173 Resp: 24551

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.0 0.0 0.0

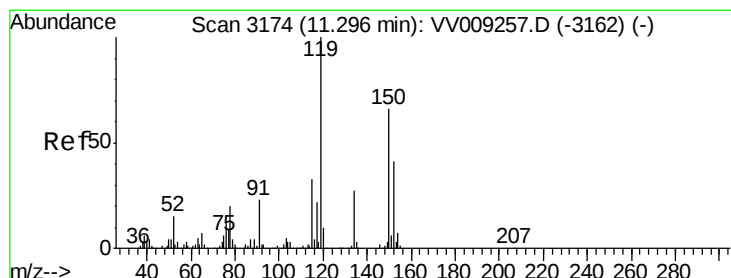
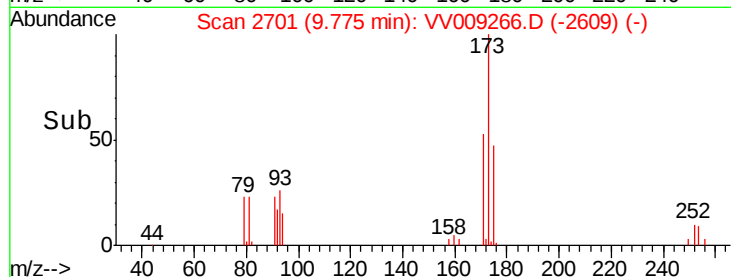
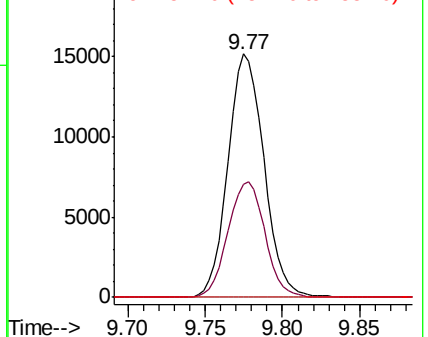


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

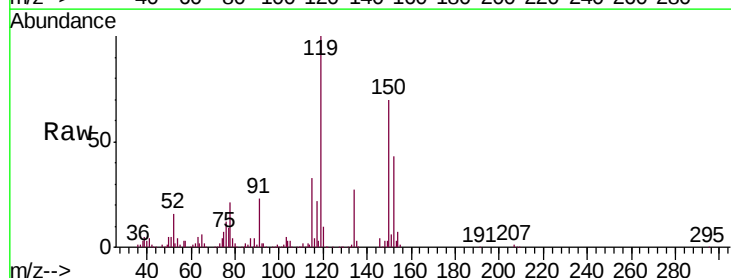
Tgt Ion:152 Resp: 70754

Ion Ratio Lower Upper

152 100

115 82.8 43.0 128.8

150 174.6 0.0 352.0

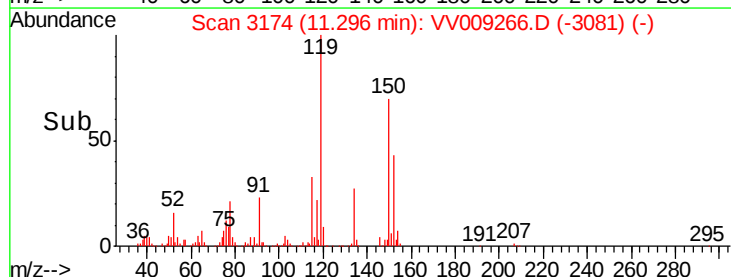
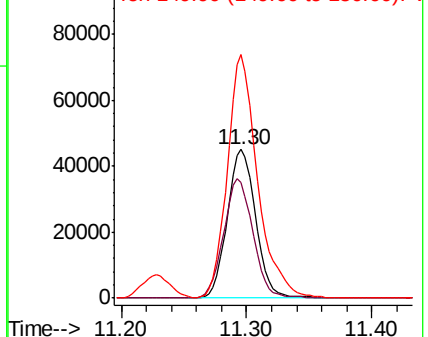


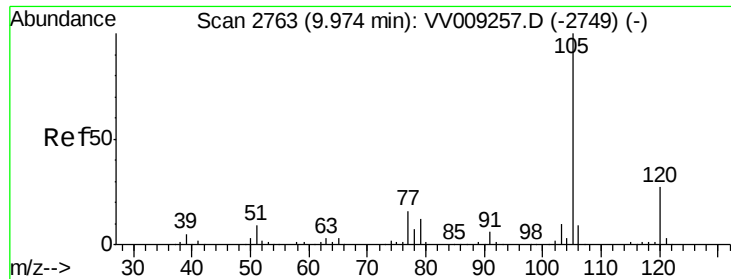
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.963 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

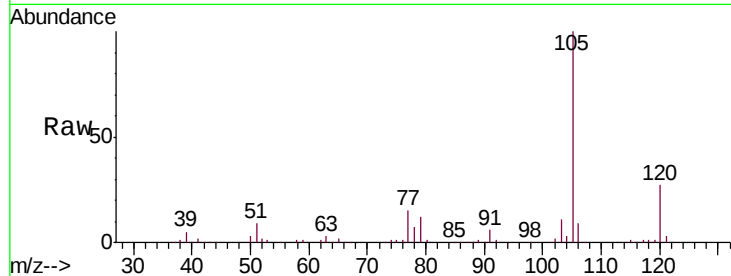
VSTDCCC050EC

Tgt Ion: 105 Resp: 230993

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

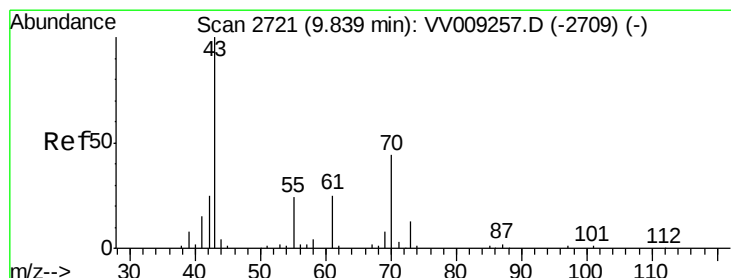
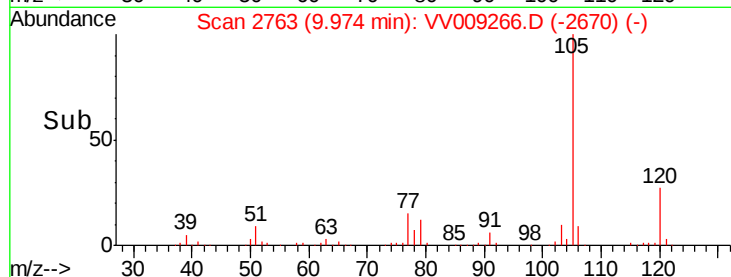
50000

0

9.97

9.90 10.00 10.10

Time-->



#74

N-ethyl acetate

Concen: 43.251 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Tgt Ion: 43 Resp: 53176

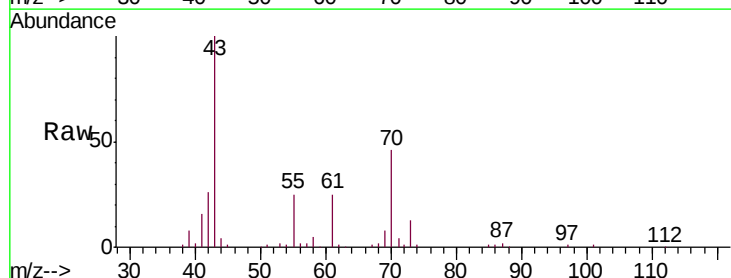
Ion Ratio Lower Upper

43 100

70 45.8 35.4 53.0

55 24.7 20.4 30.6

61 24.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

50000

40000

30000

20000

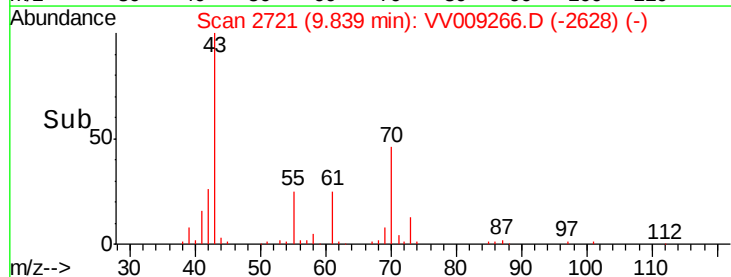
10000

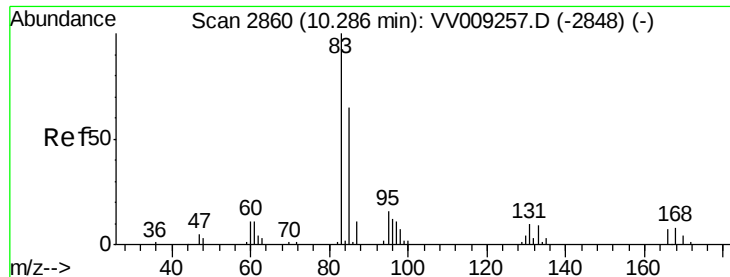
0

9.84

9.80 9.90 10.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 42.999 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

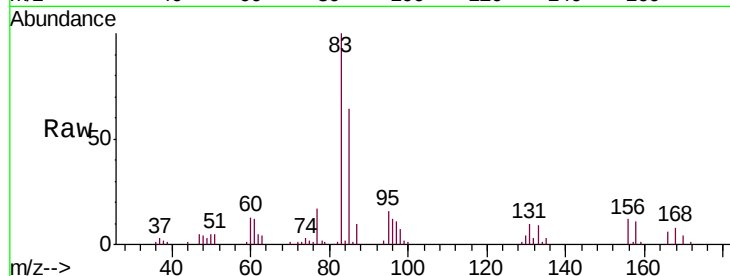
Tgt Ion: 83 Resp: 46459

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

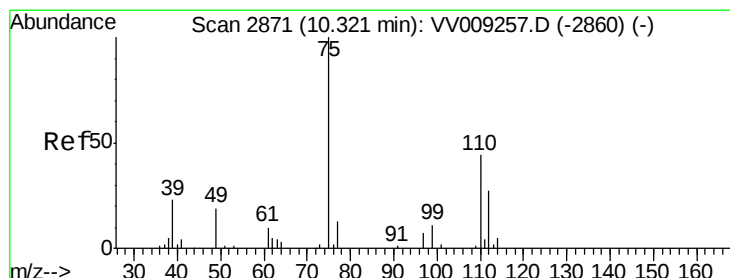
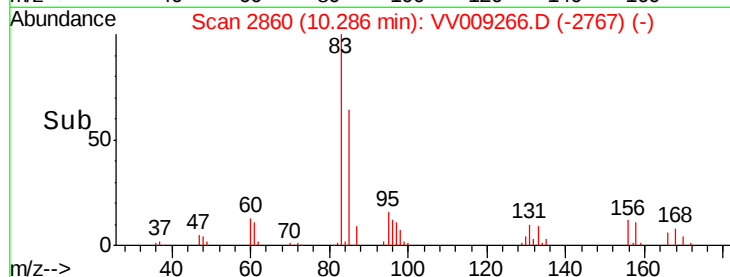
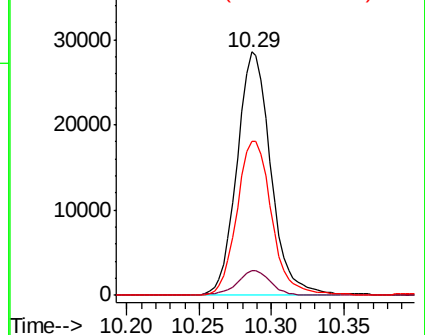
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VV009257.D (-2848) (-)

Ion 130.80 (130.50 to 131.50): VV009257.D (-2848) (-)

Ion 84.90 (84.60 to 85.60): VV009257.D (-2848) (-)



#76

1,2,3-Trichloropropane

Concen: 59.076 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV009266.D

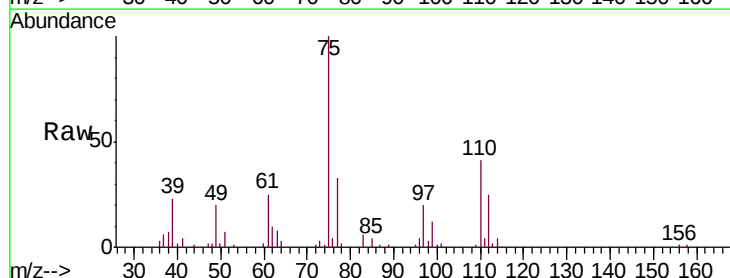
Acq: 24 Jan 2019 18:53

Tgt Ion: 75 Resp: 49339

Ion Ratio Lower Upper

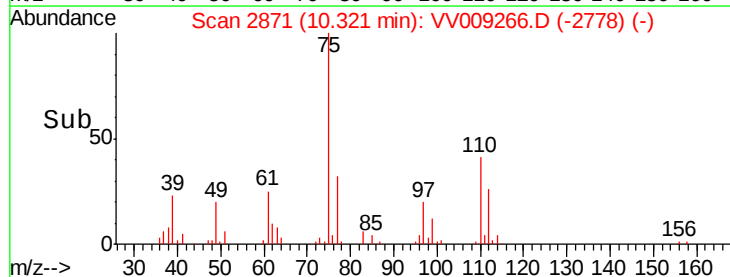
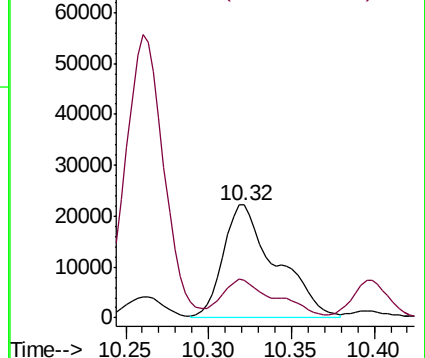
75 100

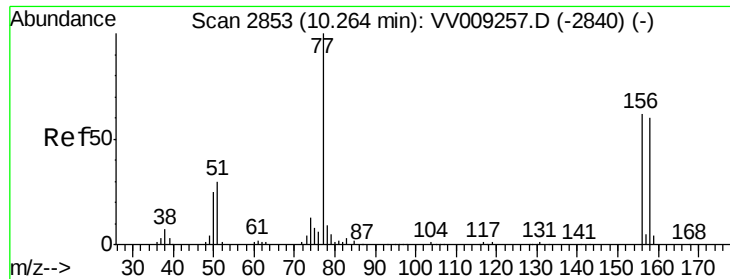
77 34.9 6.2 18.4#



Abundance Ion 74.90 (74.60 to 75.60): VV009257.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV009257.D (-2860) (-)





#77

Bromobenzene

Concen: 44.914 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

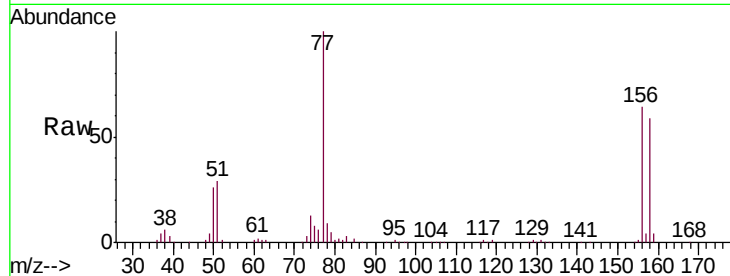
Tgt Ion:156 Resp: 55064

Ion Ratio Lower Upper

156 100

77 162.6 81.7 244.9

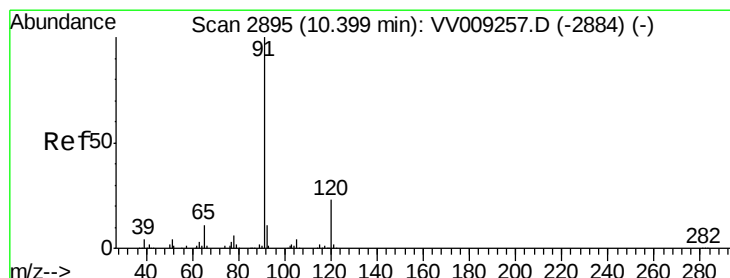
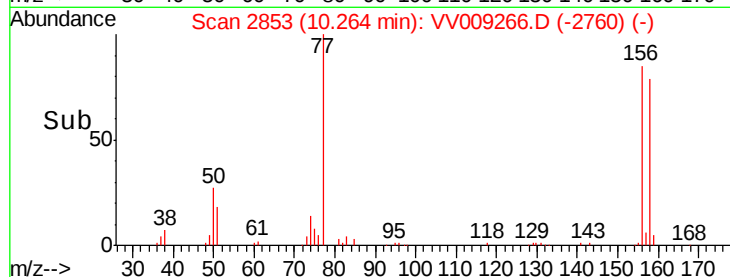
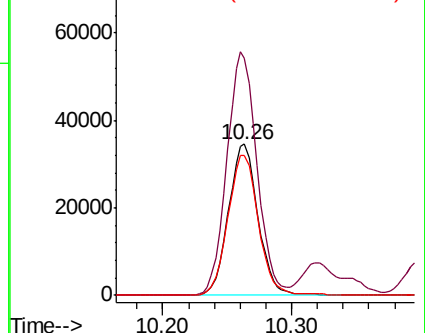
158 95.8 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.002 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VV009266.D

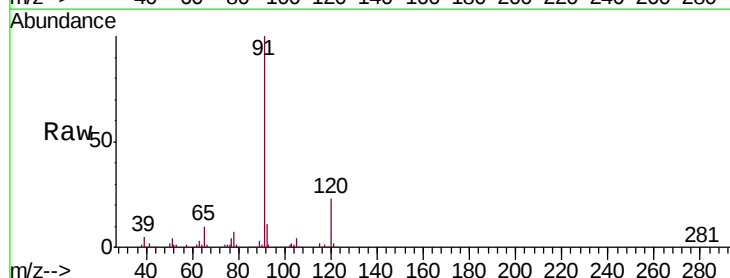
Acq: 24 Jan 2019 18:53

Tgt Ion: 91 Resp: 273539

Ion Ratio Lower Upper

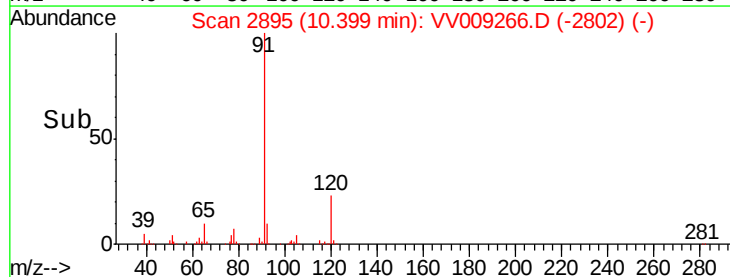
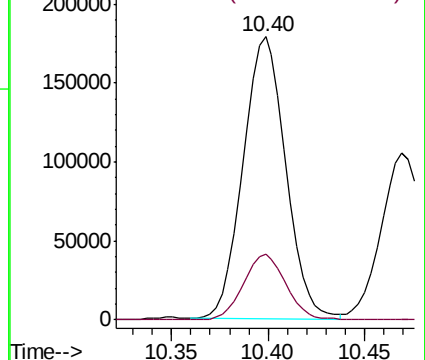
91 100

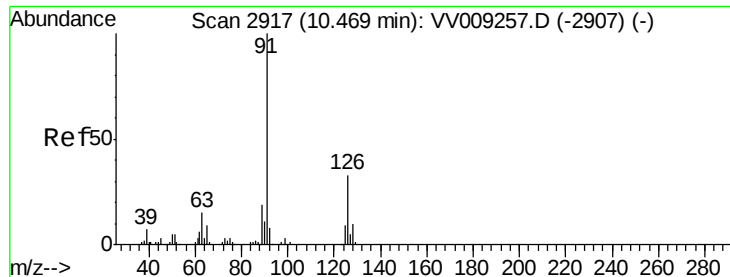
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.133 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

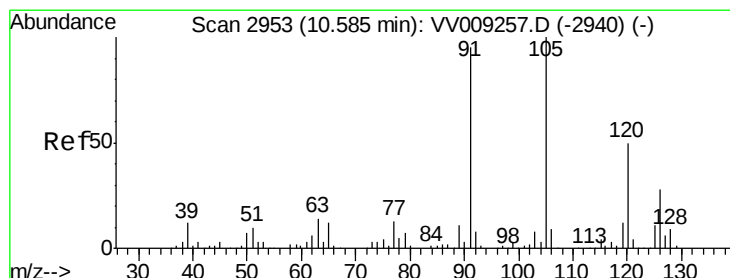
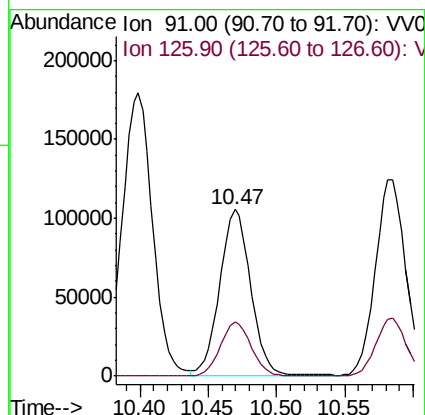
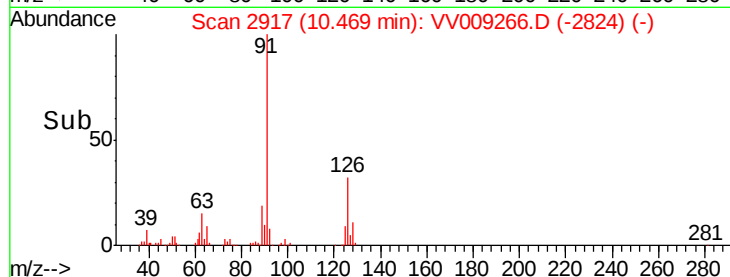
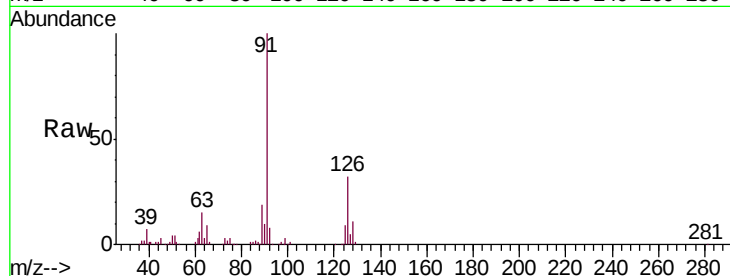
VSTDCCC050EC

Tgt Ion: 91 Resp: 165357

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 45.505 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. -0.00 min

Lab File: VV009266.D

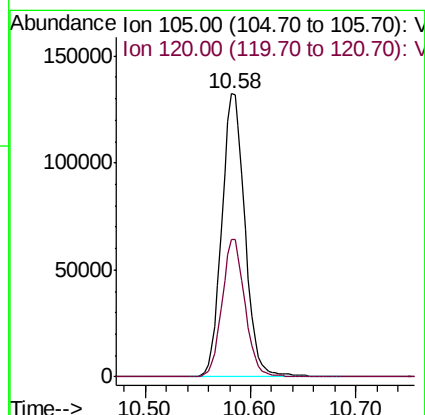
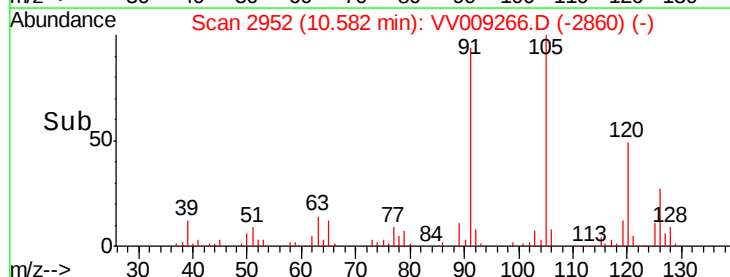
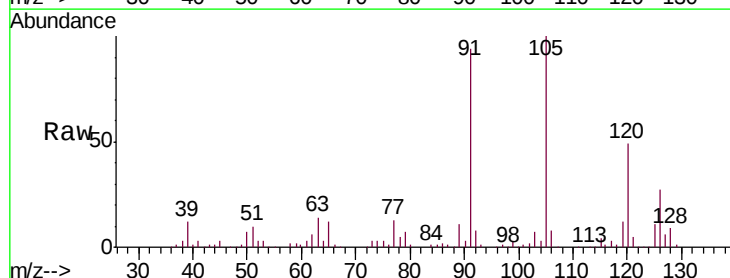
Acq: 24 Jan 2019 18:53

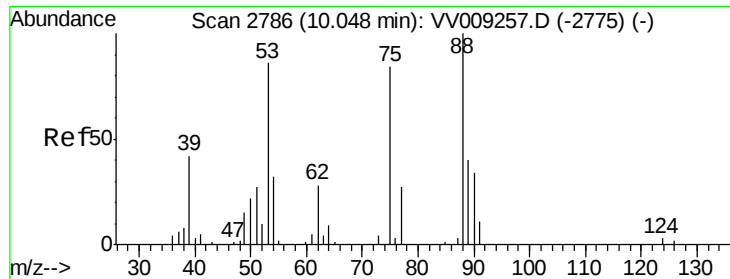
Tgt Ion: 105 Resp: 201119

Ion Ratio Lower Upper

105 100

120 48.2 24.8 74.3

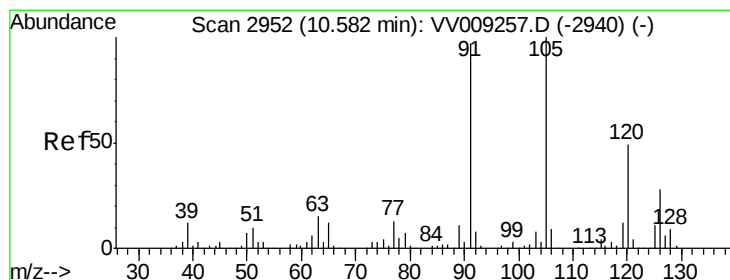
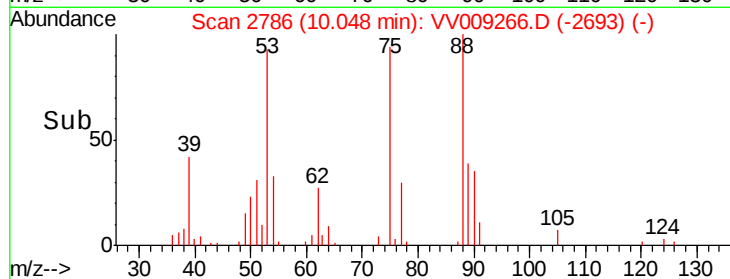
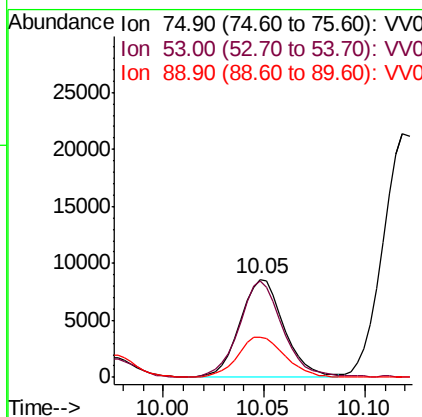
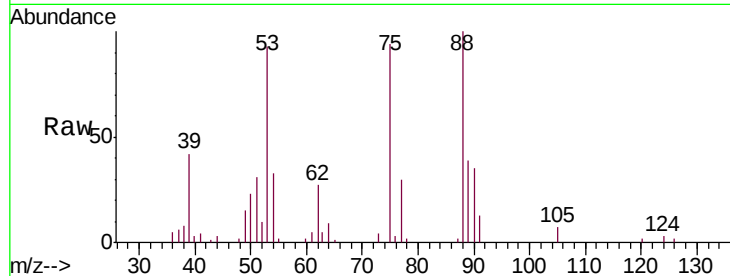




#81
trans-1,4-Dichloro-2-butene
Concen: 44.986 ug/l
RT: 10.05 min Scan# 2786
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

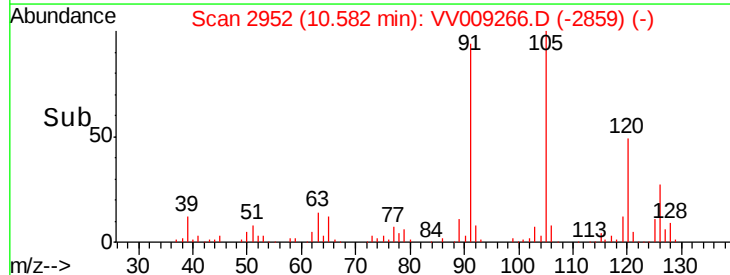
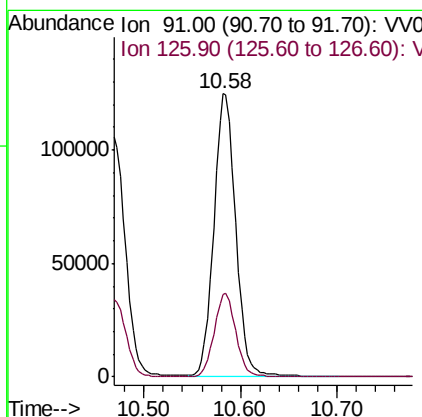
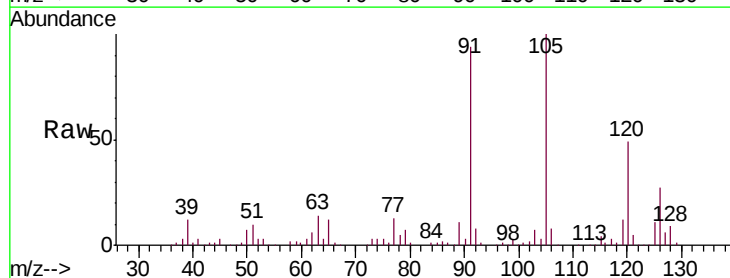
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

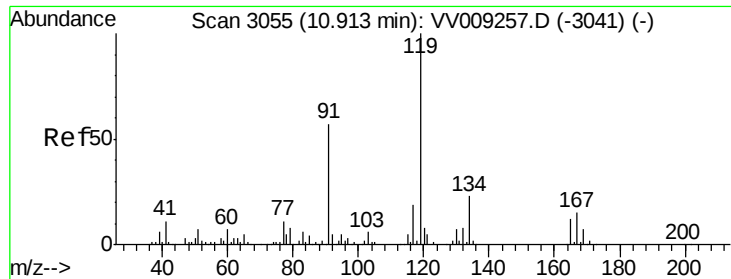
Tgt Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
53 97.2 80.2 120.2
89 43.7 36.8 55.2



#82
4-Chlorotoluene
Concen: 44.300 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion: 91 Resp: 196769
Ion Ratio Lower Upper
91 100
126 29.3 14.6 44.0

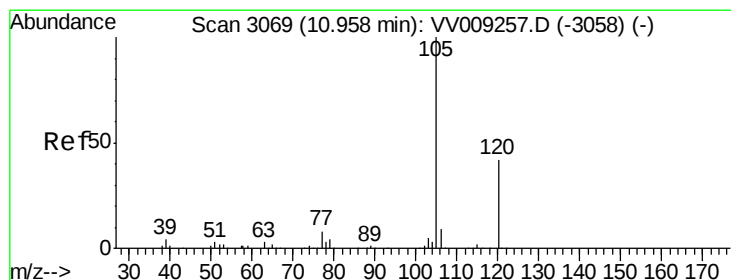
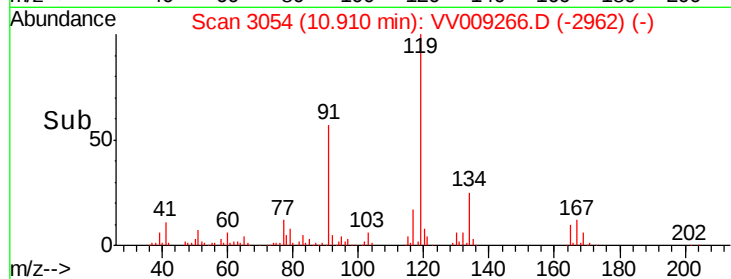
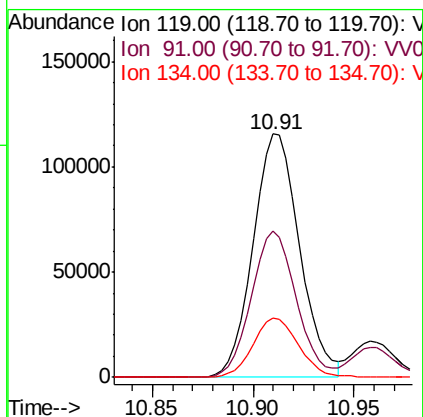
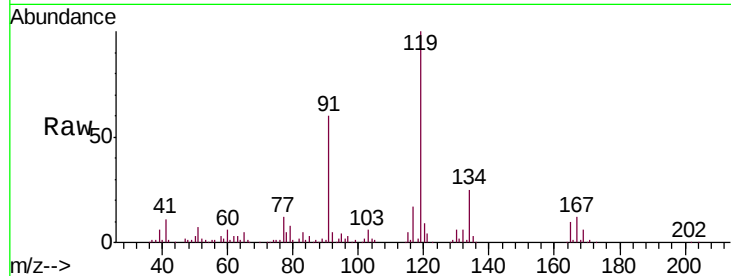




#83
 tert-Butylbenzene
 Concen: 43.662 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

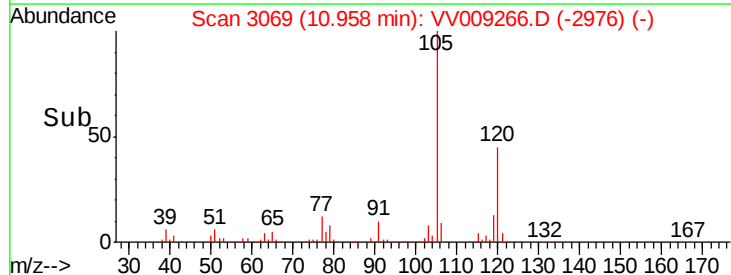
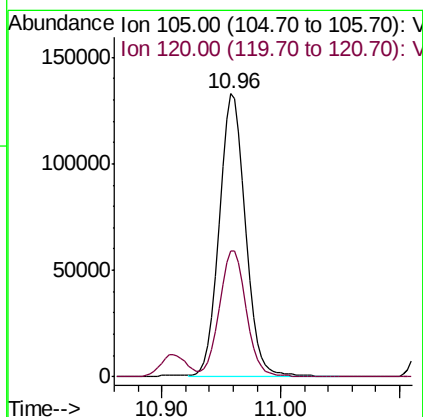
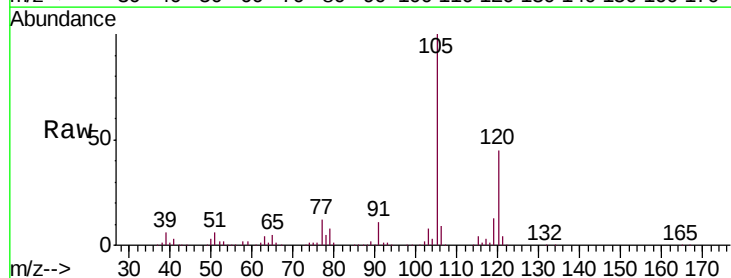
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

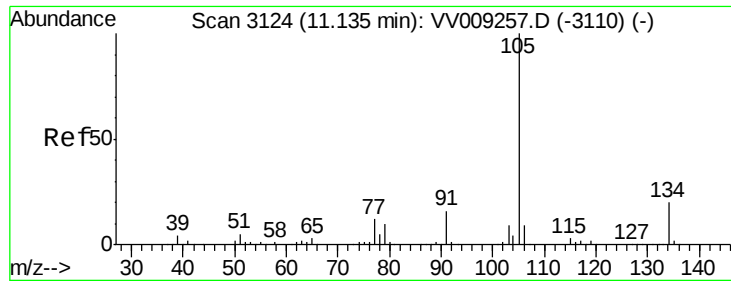
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.6	85.8
134	24.2	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 44.897 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 43.169 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

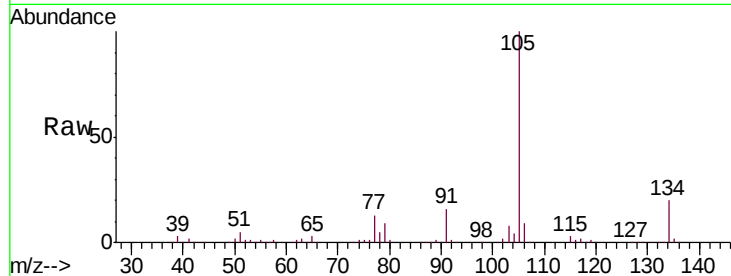
VSTDCCC050EC

Tgt Ion:105 Resp: 240056

Ion Ratio Lower Upper

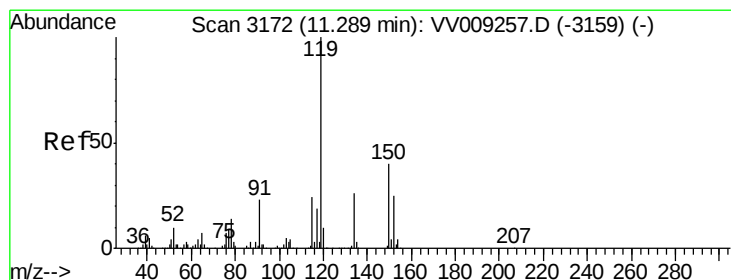
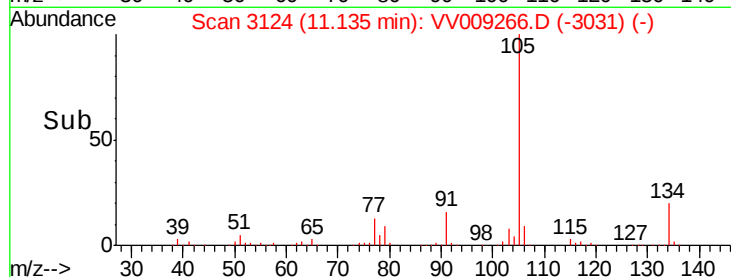
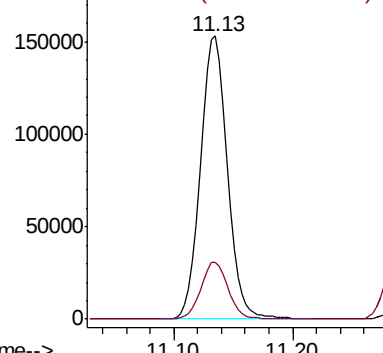
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.927 ug/l

RT: 11.29 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

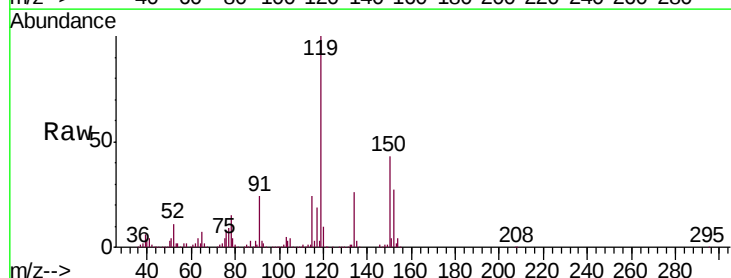
Tgt Ion:119 Resp: 215565

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

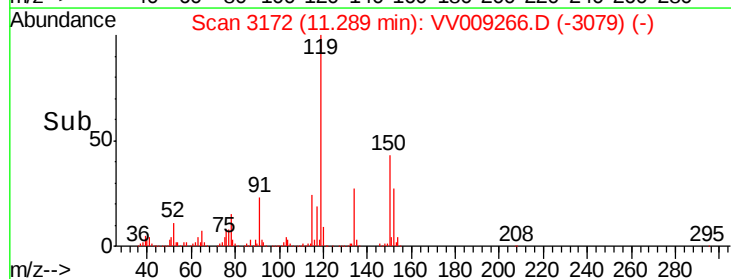
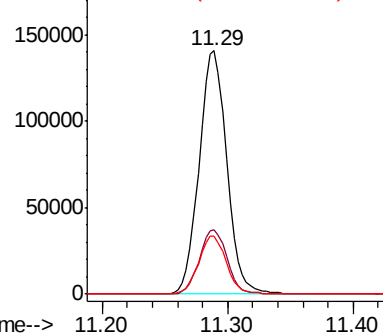
91 23.9 11.9 35.7

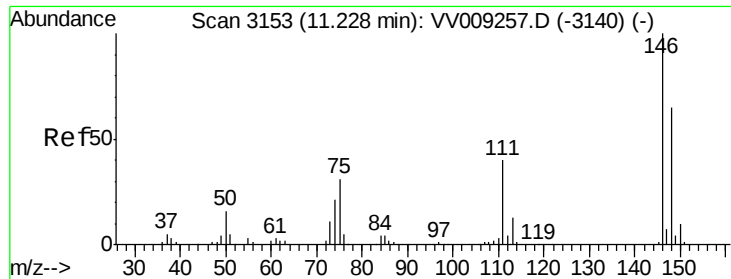


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VV0





#87

1,3-Dichlorobenzene

Concen: 44.149 ug/l

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

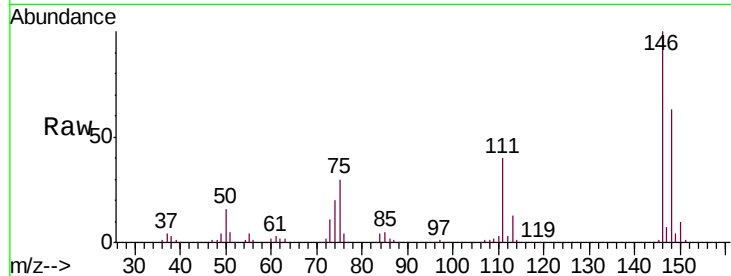
Tgt Ion:146 Resp: 109613

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

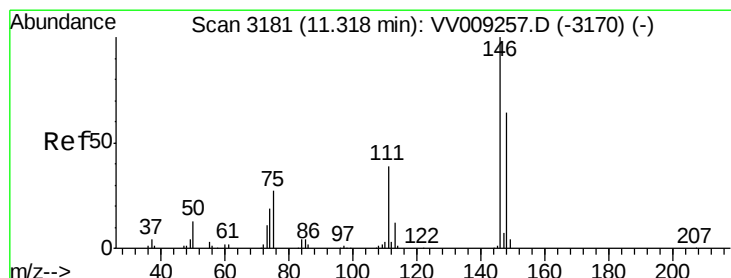
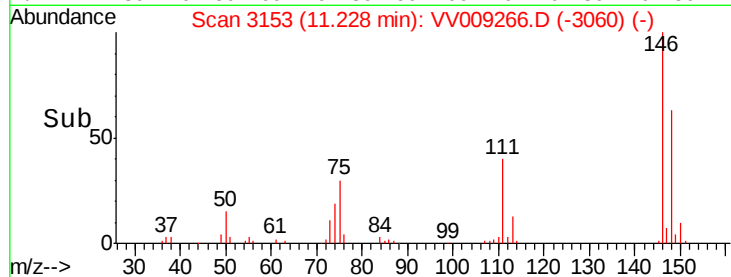
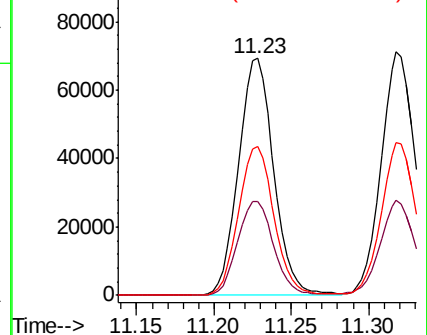
148 63.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 43.949 ug/l

RT: 11.32 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

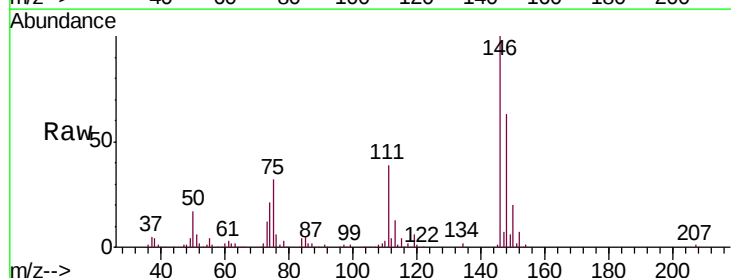
Tgt Ion:146 Resp: 111378

Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

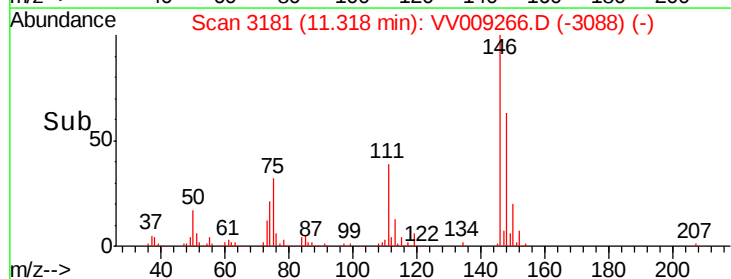
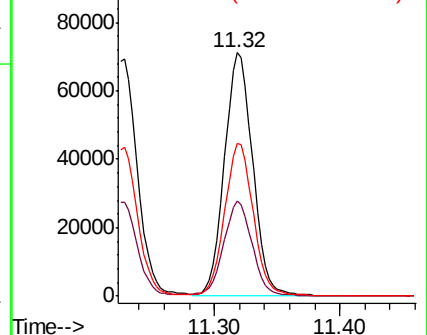
148 63.7 31.6 94.8

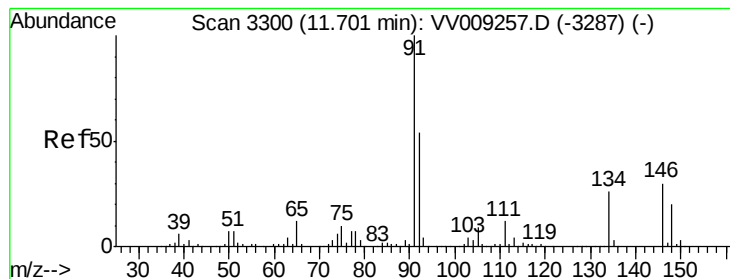


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 42.745 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. -0.00 min

Lab File: VV009266.D

Acq: 24 Jan 2019 18:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

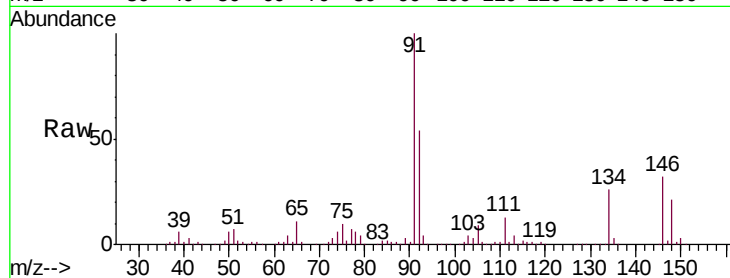
Tgt Ion: 91 Resp: 203130

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

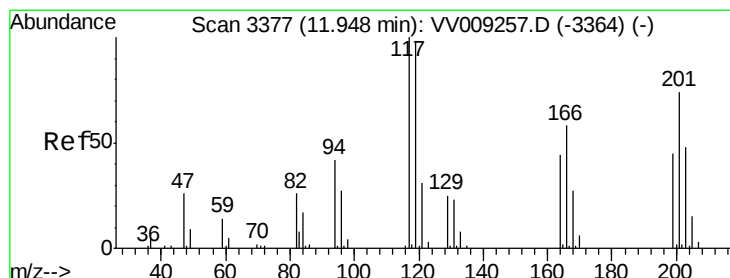
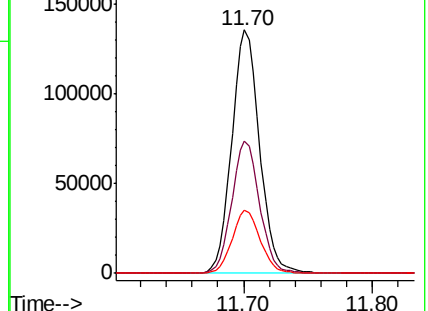
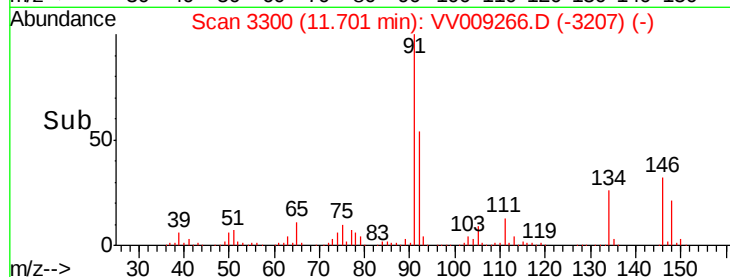
134 26.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VV009257.D (-3287) (-)

Ion 92.00 (91.70 to 92.70): VV009257.D (-3287) (-)

Ion 134.00 (133.70 to 134.70): VV009257.D (-3287) (-)



#90

Hexachloroethane

Concen: 43.872 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. -0.00 min

Lab File: VV009266.D

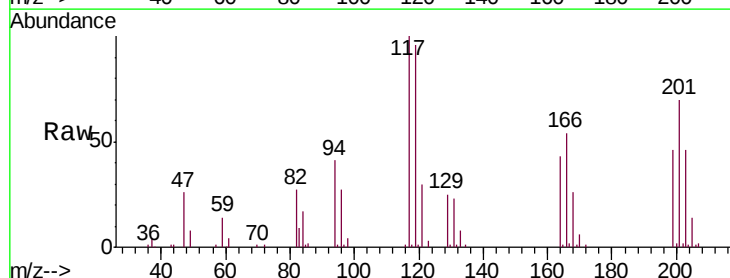
Acq: 24 Jan 2019 18:53

Tgt Ion: 117 Resp: 38081

Ion Ratio Lower Upper

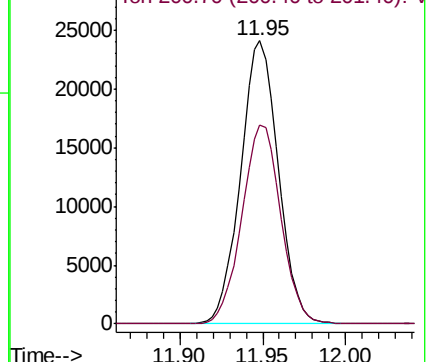
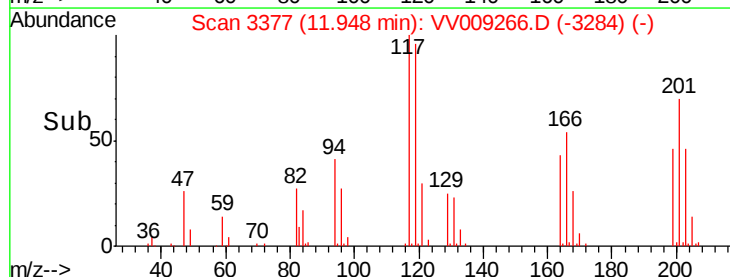
117 100

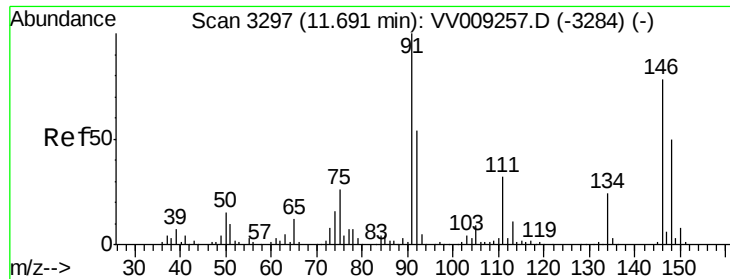
201 72.8 36.4 109.3



Abundance Ion 116.80 (116.50 to 117.50): VV009257.D (-3364) (-)

Ion 200.70 (200.40 to 201.40): VV009257.D (-3364) (-)

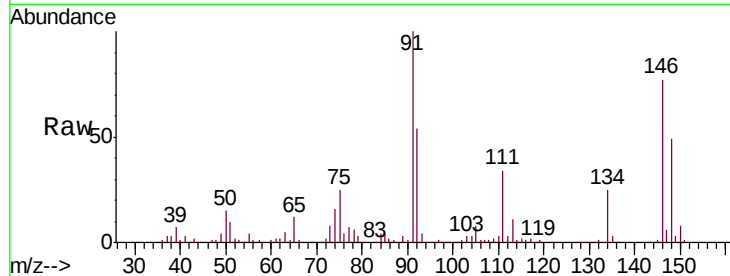




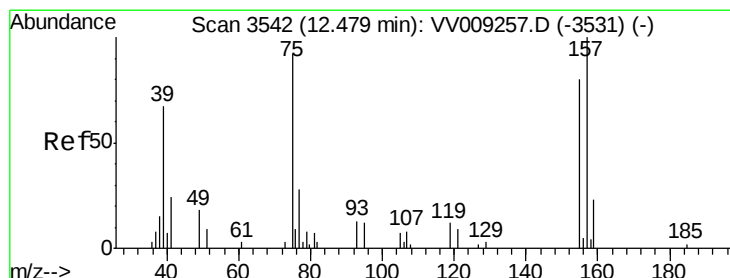
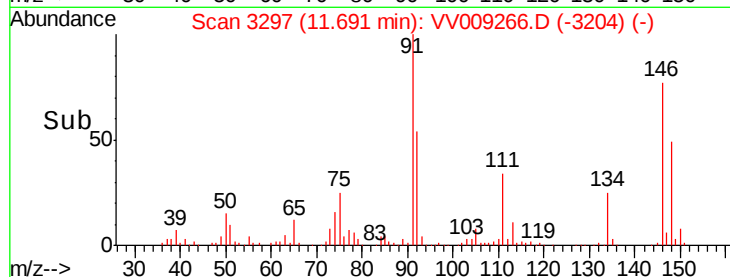
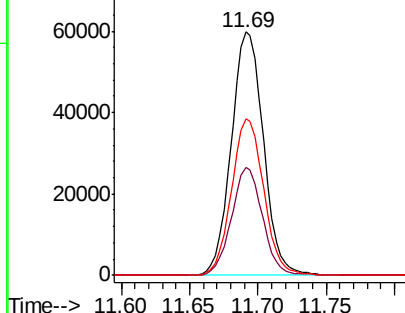
#91
 1,2-Dichlorobenzene
 Concen: 43.995 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 97998
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.7
 148 64.4 32.1 96.3

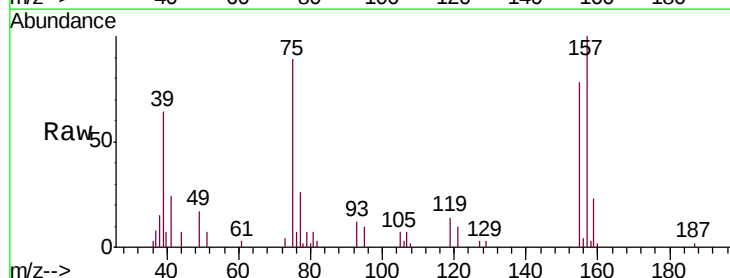


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

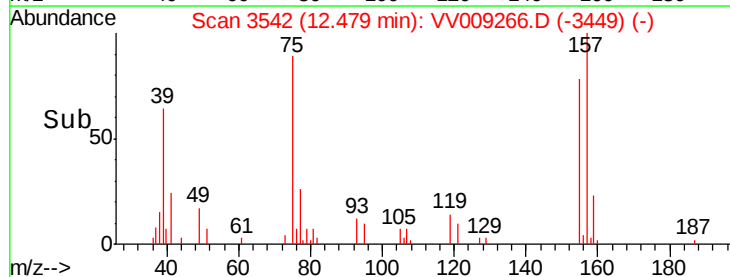
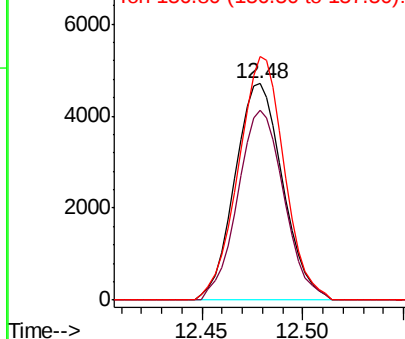


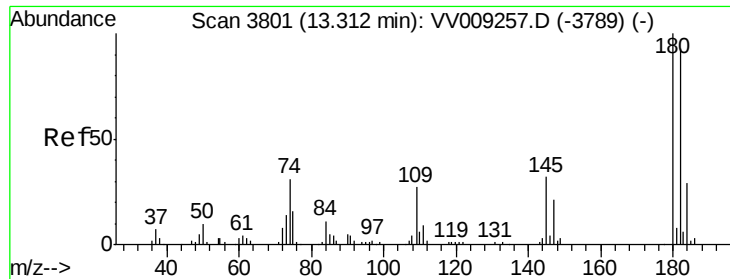
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.329 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion: 75 Resp: 7816
 Ion Ratio Lower Upper
 75 100
 155 84.7 41.1 123.4
 157 108.2 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

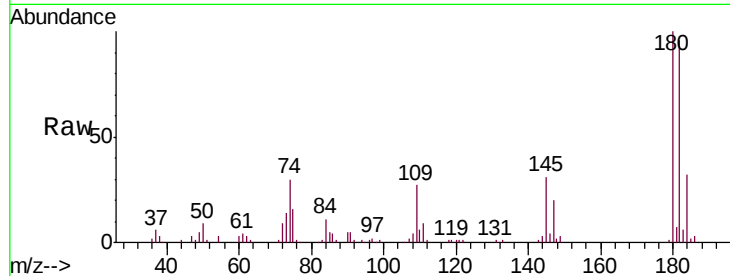




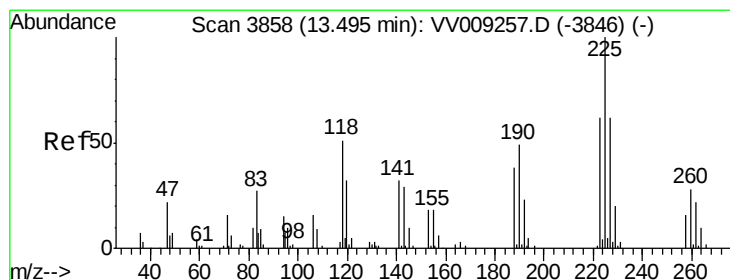
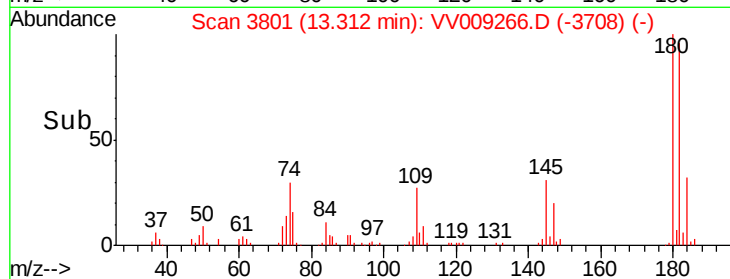
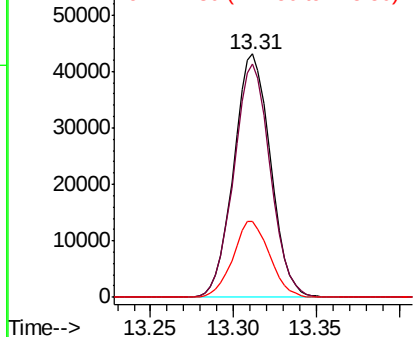
#93
 1,2,4-Trichlorobenzene
 Concen: 42.556 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 66431
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.4
 145 31.0 15.8 47.4

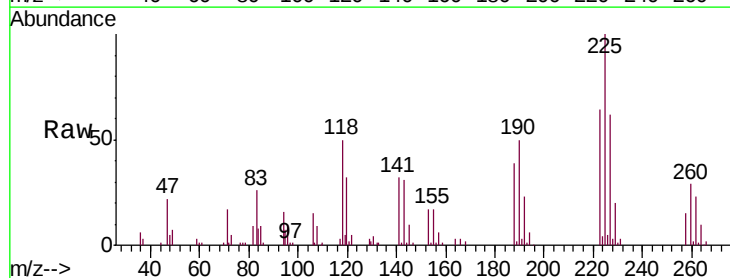


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

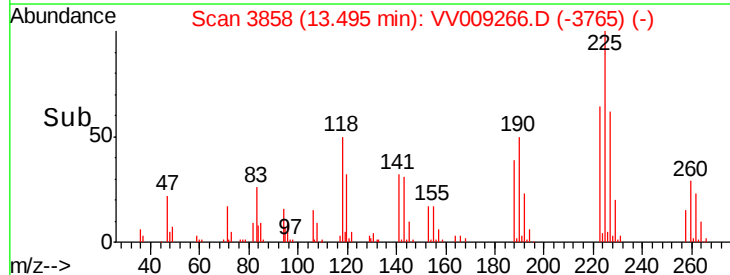
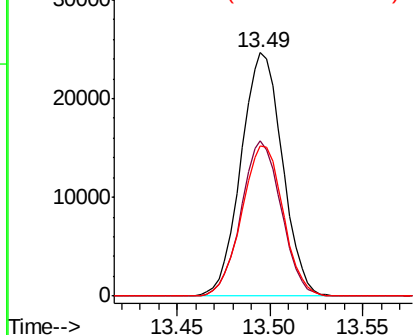


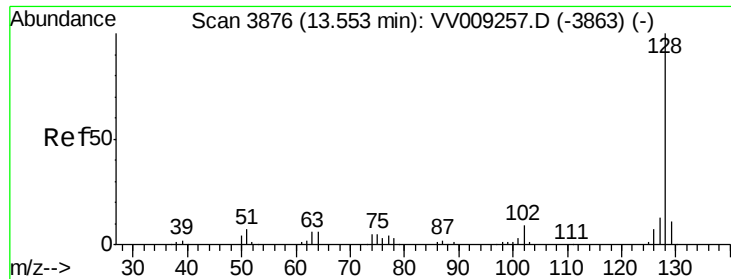
#94
 Hexachlorobutadiene
 Concen: 42.938 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. -0.00 min
 Lab File: VV009266.D
 Acq: 24 Jan 2019 18:53

Tgt Ion:225 Resp: 38315
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.9
 227 61.9 31.6 94.7



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

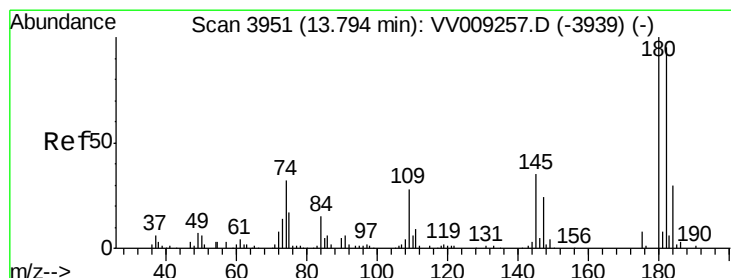
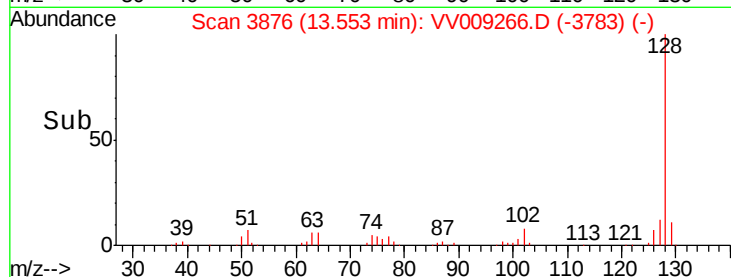
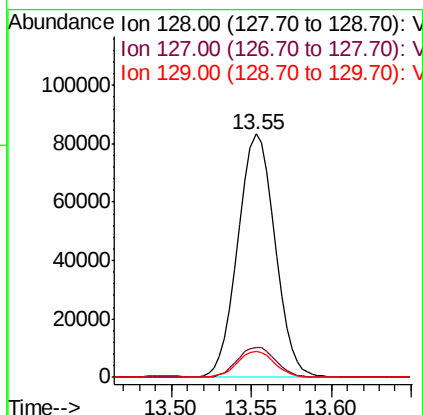
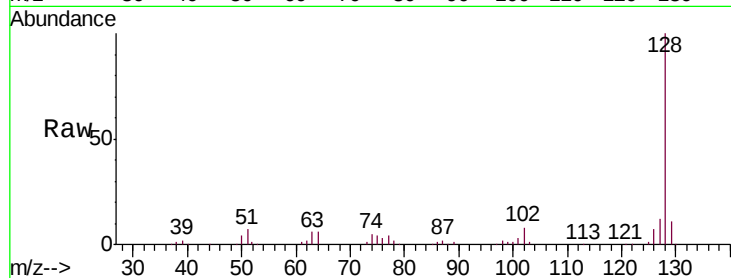




#95
Naphthalene
Concen: 42.223 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 132035
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 43.615 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009266.D
Acq: 24 Jan 2019 18:53

Tgt Ion:180 Resp: 60055
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 33.1 17.2 51.6

