

Data File : VV009258.D
Acq On : 24 Jan 2019 14:16
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Jan 24 22:57:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 22:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	81037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	132068	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	123263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	65719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	98076	97.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.36%	
35) Dibromofluoromethane	4.64	113	88850	100.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.88%	
50) Toluene-d8	7.36	98	338910	99.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.46%	
62) 4-Bromofluorobenzene	10.12	95	128992	99.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	76148	112.584	ug/l	98
3) Chloromethane	1.25	50	94784	106.108	ug/l	100
4) Vinyl Chloride	1.33	62	98357	99.001	ug/l	97
5) Bromomethane	1.53	94	50164	89.874	ug/l	98
6) Chloroethane	1.59	64	48147	88.079	ug/l	97
7) Trichlorofluoromethane	1.76	101	43215	66.017	ug/l	94
8) Diethyl Ether	1.96	74	44744	101.921	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.13	101	81776	95.035	ug/l	95
10) Methyl Iodide	2.26	142	130443	95.068	ug/l	100
11) Tert butyl alcohol	2.66	59	37034	498.292	ug/l	97
12) 1,1-Dichloroethene	2.14	96	82309	97.072	ug/l	98
13) Acrolein	2.05	56	23936	423.351	ug/l	97
14) Allyl chloride	2.42	41	118973	83.593	ug/l	98
15) Acrylonitrile	2.76	53	114298	590.061	ug/l	96
16) Acetone	2.17	43	121969	461.451	ug/l	98
17) Carbon Disulfide	2.32	76	243272	94.668	ug/l	98
18) Methyl Acetate	2.45	43	68363	96.028	ug/l	98
19) Methyl tert-butyl Ether	2.80	73	131652	99.269	ug/l	99
20) Methylene Chloride	2.53	84	84404	85.628	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	83195	92.109	ug/l	98
22) Diisopropyl ether	3.32	45	285089	92.575	ug/l	96
23) Vinyl Acetate	3.30	43	960229	561.023	ug/l	99
24) 1,1-Dichloroethane	3.22	63	177013	92.516	ug/l	99
25) 2-Butanone	4.01	43	188356	605.460	ug/l	98
26) 2,2-Dichloropropane	3.95	77	92720	87.978	ug/l	99
27) cis-1,2-Dichloroethene	3.95	96	105341	95.951	ug/l	99
28) Bromochloromethane	4.29	49	73747	101.782	ug/l	100
29) Tetrahydrofuran	4.38	42	112585	652.865	ug/l	98
30) Chloroform	4.42	83	175660	91.625	ug/l	95
31) Cyclohexane	4.72	56	157266	89.896	ug/l	97
32) 1,1,1-Trichloroethane	4.65	97	137441	86.017	ug/l	99
36) 1,1-Dichloropropene	4.87	75	136238	94.915	ug/l	98
37) Ethyl Acetate	4.12	43	76937	132.230	ug/l	99
38) Carbon Tetrachloride	4.87	117	136027	95.624	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	174199	102.107	ug/l	97
40) Benzene	5.14	78	390420	96.990	ug/l	99
41) Methacrylonitrile	4.30	41	43511	126.030	ug/l	95
42) 1,2-Dichloroethane	5.17	62	123836	98.234	ug/l	100
43) Isopropyl Acetate	5.32	43	138830	122.702	ug/l	97
44) Trichloroethene	5.96	130	103477	97.485	ug/l	97
45) 1,2-Dichloropropane	6.22	63	95427	98.143	ug/l	97
46) Dibromomethane	6.35	93	56454	111.649	ug/l	99
47) Bromodichloromethane	6.55	83	131284	100.001	ug/l	98
48) Methyl methacrylate	6.41	41	70870	123.364	ug/l	99
49) 1,4-Dioxane	6.41	88	19708	2908.223	ug/l	93
51) 4-Methyl-2-Pentanone	7.27	43	374949	649.591	ug/l	97
52) Toluene	7.43	92	250953	98.819	ug/l	98
53) t-1,3-Dichloropropene	7.69	75	141449	109.908	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	156962	106.392	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	78356	109.254	ug/l	97
56) Ethyl methacrylate	7.83	69	106767	128.024	ug/l	98
57) 1,3-Dichloropropane	8.05	76	139329	108.511	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.94	63	16383	1180.591	ug/l	95
59) 2-Hexanone	8.18	43	272853	656.642	ug/l	100
60) Dibromochloromethane	8.29	129	93908	112.771	ug/l	98
61) 1,2-Dibromoethane	8.40	107	82041	117.126	ug/l	100
64) Tetrachloroethene	8.02	164	85891	100.316	ug/l	98
65) Chlorobenzene	8.92	112	274592	97.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	95893	100.053	ug/l	99
67) Ethyl Benzene	9.05	91	478599	96.538	ug/l	99
68) m/p-Xylenes	9.18	106	369554	195.730	ug/l	99
69) o-Xylene	9.59	106	176069	100.694	ug/l	98
70) Styrene	9.60	104	291845	104.032	ug/l	100
71) Bromoform	9.78	173	57315	124.292	ug/l #	97
73) Isopropylbenzene	9.98	105	486131	92.459	ug/l	99
74) N-amyl acetate	9.84	43	125150	123.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	104233	113.014	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	78027	108.201	ug/l #	66
77) Bromobenzene	10.26	156	112093	98.025	ug/l	99
78) n-propylbenzene	10.40	91	570789	91.490	ug/l	99
79) 2-Chlorotoluene	10.47	91	333170	88.476	ug/l	99
80) 1,3,5-Trimethylbenzene	10.59	105	407592	92.366	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	32587	128.210	ug/l	96
82) 4-Chlorotoluene	10.58	91	398406	89.575	ug/l	99
83) tert-Butylbenzene	10.91	119	395629	93.928	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	420024	94.100	ug/l	100
85) sec-Butylbenzene	11.13	105	514290	93.284	ug/l	100
86) p-Isopropyltoluene	11.29	119	456866	94.602	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	224118	94.914	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	225436	94.378	ug/l	99
89) n-Butylbenzene	11.70	91	437192	93.388	ug/l	99
90) Hexachloroethane	11.95	117	81631	95.566	ug/l	98
91) 1,2-Dichlorobenzene	11.69	146	203172	97.228	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	18859	122.301	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	142707	104.979	ug/l	99
94) Hexachlorobutadiene	13.49	225	79897	95.366	ug/l	99
95) Naphthalene	13.55	128	307157	127.286	ug/l	100
96) 1,2,3-Trichlorobenzene	13.79	180	126696	109.171	ug/l	99

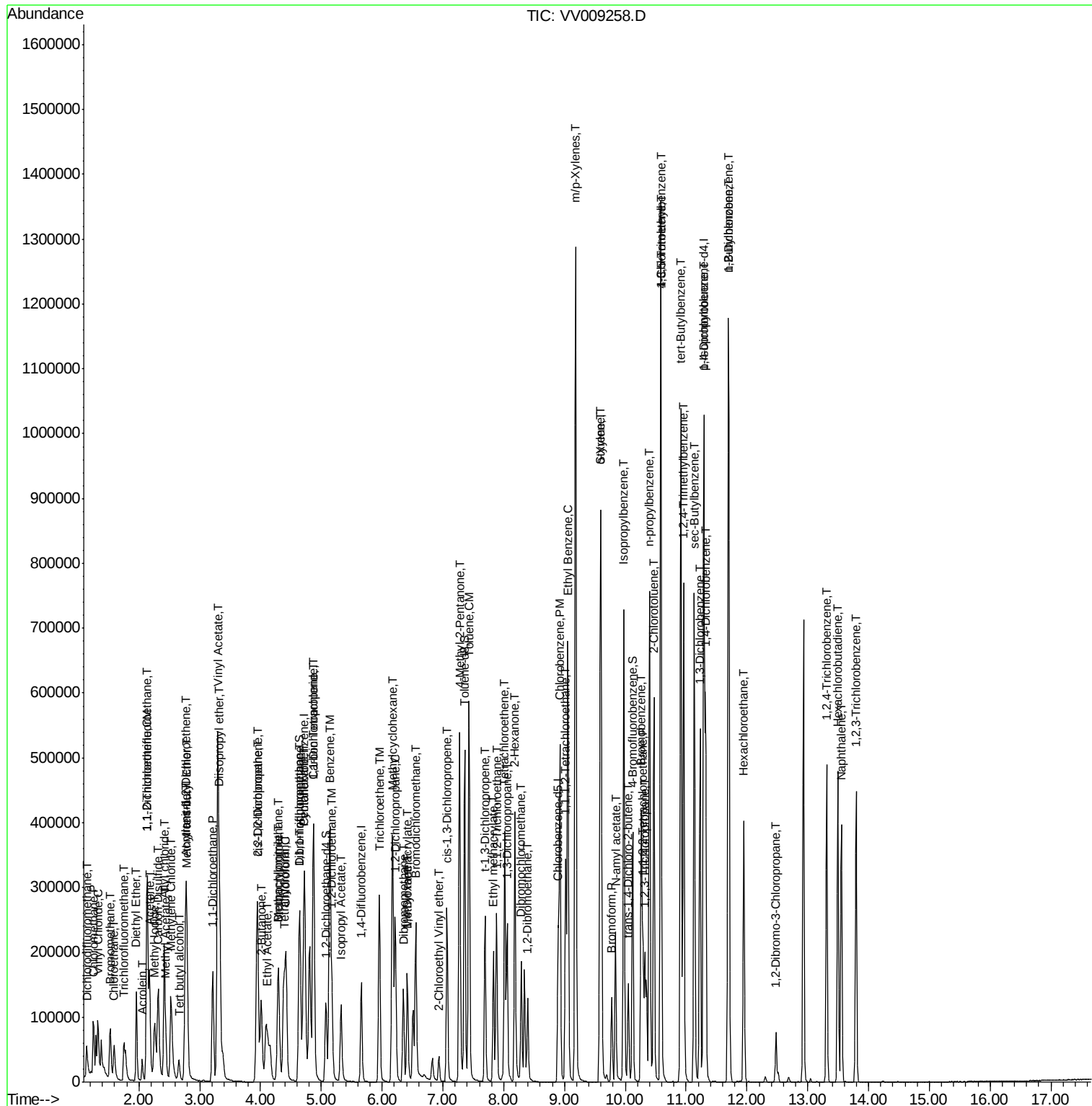
(#) = qualifier out of range (m) = manual integration (+) = signals summed

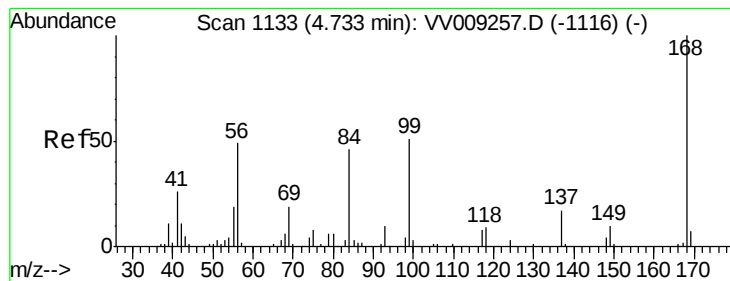
Data File : VV009258.D

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ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Time: Jan 24 22:57:56 2019
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Quant Title : SW846 8260
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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: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

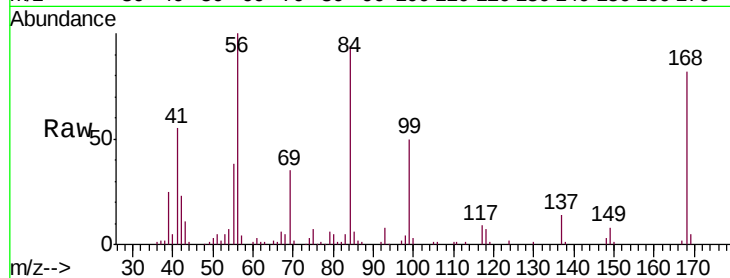
VSTDIC100

Tgt Ion:168 Resp: 81037

Ion Ratio Lower Upper

168 100

99 60.2 50.0 75.0



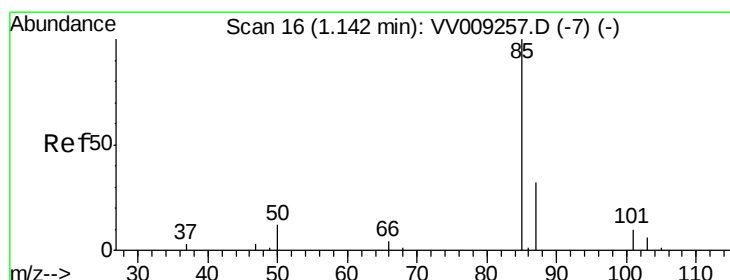
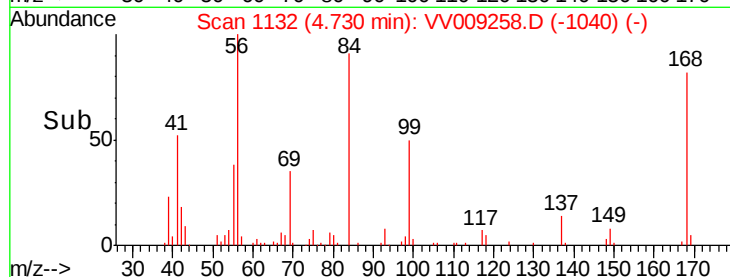
Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

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

4.73

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 112.584 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009258.D

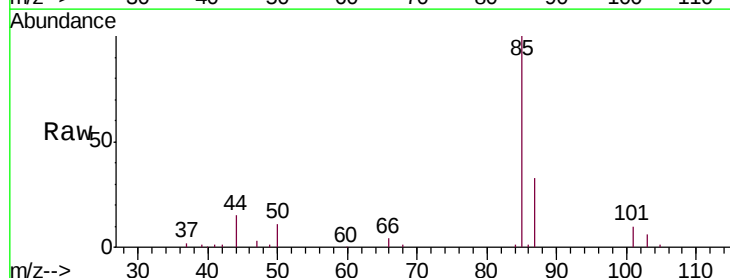
Acq: 24 Jan 2019 14:16

Tgt Ion: 85 Resp: 76148

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



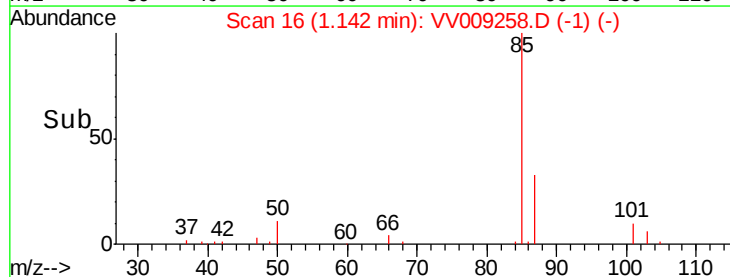
Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

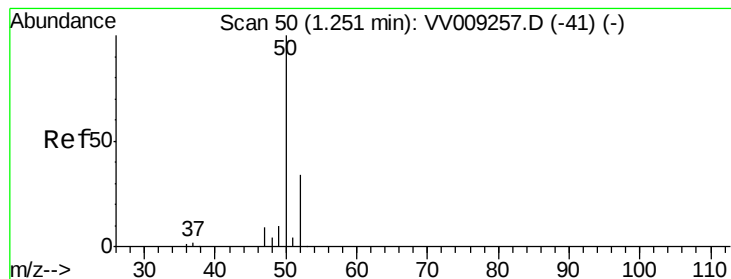
Ion 86.90 (86.60 to 87.60): VV009257.D (-7) (-)

1.14

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 106.108 ug/l

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

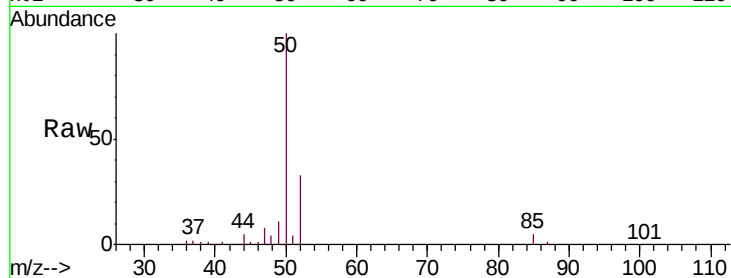
VSTDIC100

Tgt Ion: 50 Resp: 94784

Ion Ratio Lower Upper

50 100

52 33.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VV009257.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VV009258.D (-1) (-)

1.25

60000

50000

40000

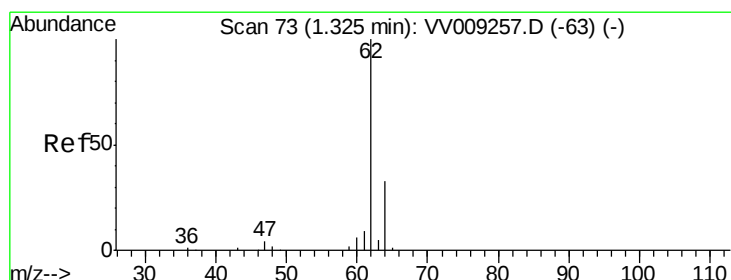
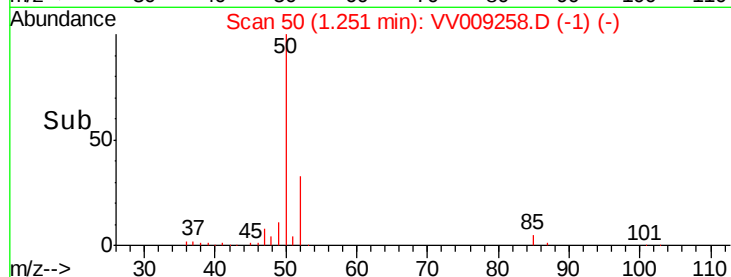
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 99.001 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009258.D

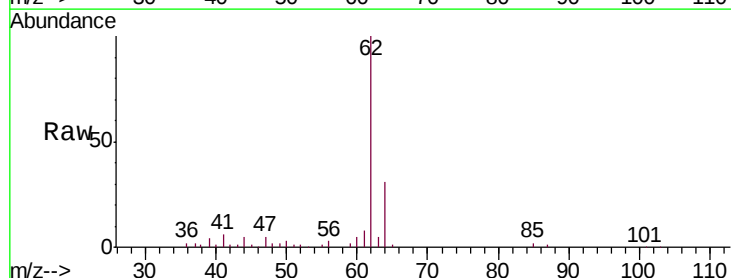
Acq: 24 Jan 2019 14:16

Tgt Ion: 62 Resp: 98357

Ion Ratio Lower Upper

62 100

64 31.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VV009257.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VV009258.D (-1) (-)

1.33

50000

40000

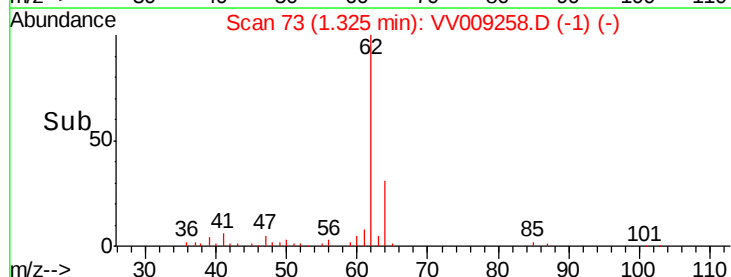
30000

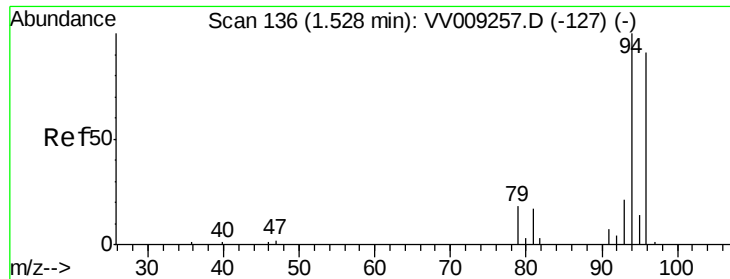
20000

10000

0

Time-->





#5

Bromomethane

Concen: 89.874 ug/l

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

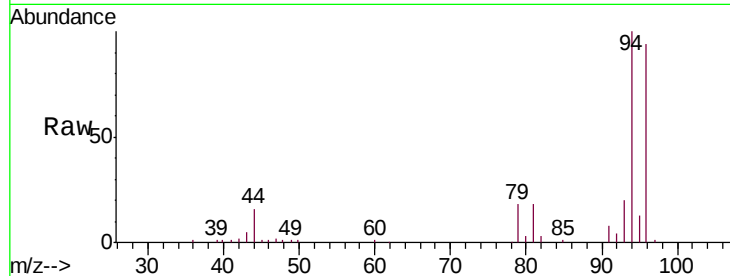
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 50164

Ion Ratio Lower Upper

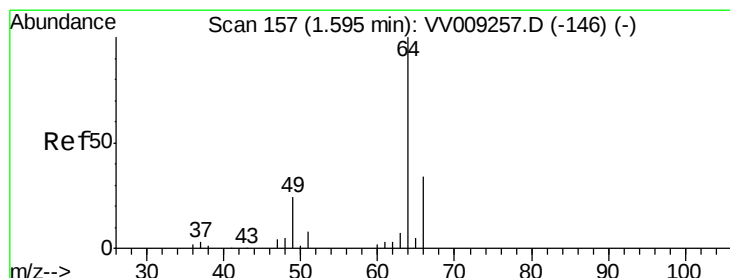
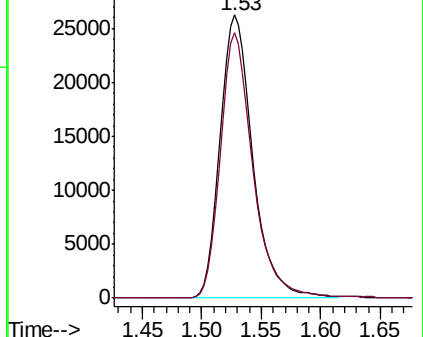
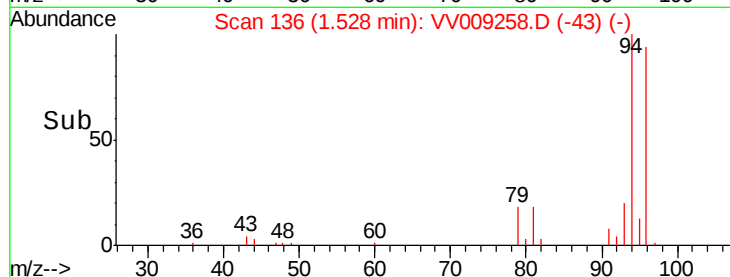
94 100

96 93.6 73.0 109.6



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

Ion 95.90 (95.60 to 96.60): VV009258.D (-43) (-)



#6

Chloroethane

Concen: 88.079 ug/l

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV009258.D

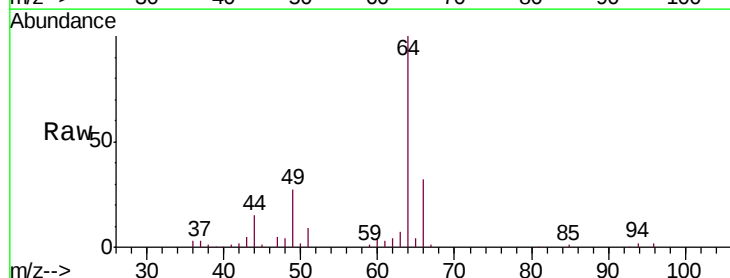
Acq: 24 Jan 2019 14:16

Tgt Ion: 64 Resp: 48147

Ion Ratio Lower Upper

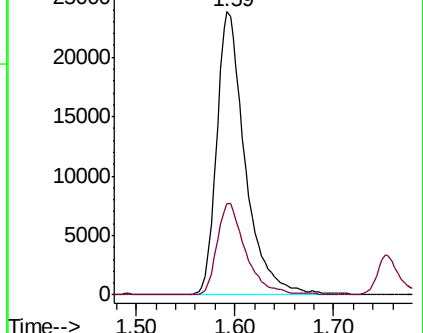
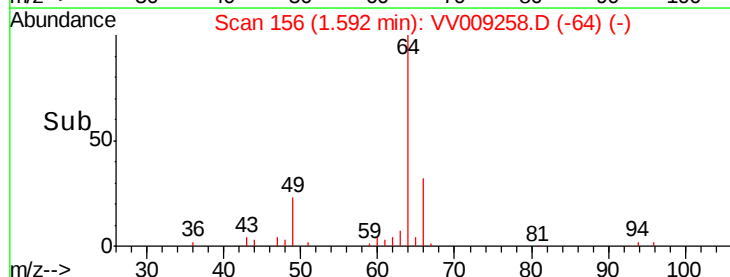
64 100

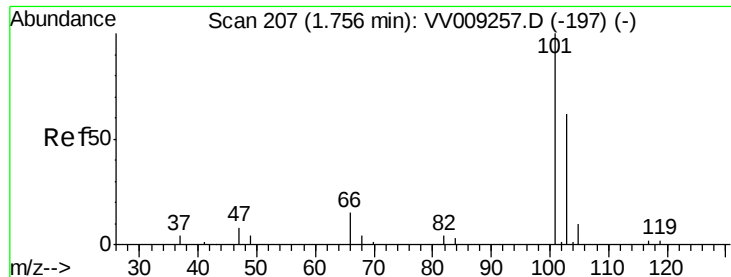
66 32.2 27.0 40.6



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

Ion 65.90 (65.60 to 66.60): VV009258.D (-64) (-)



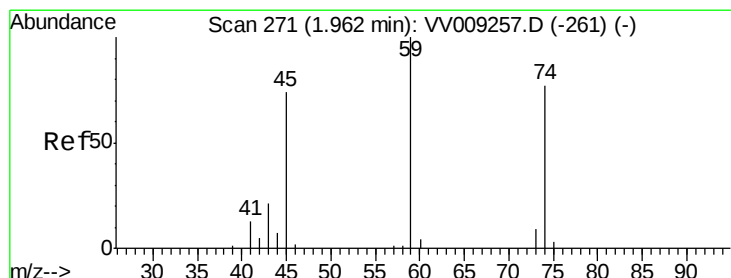
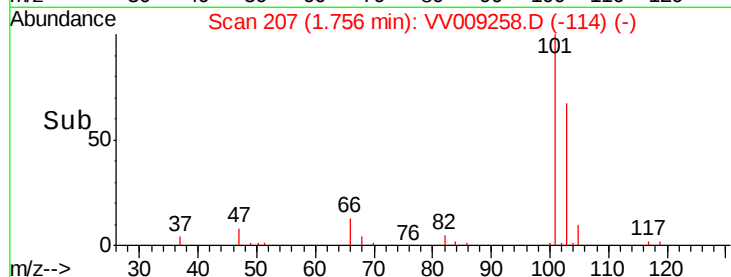
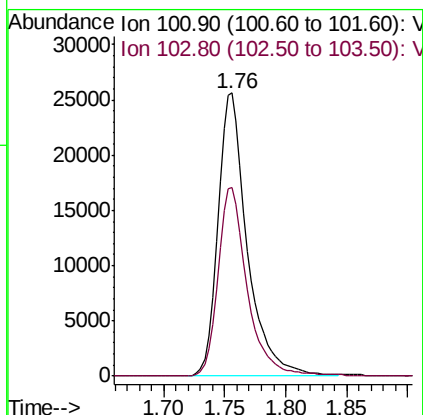
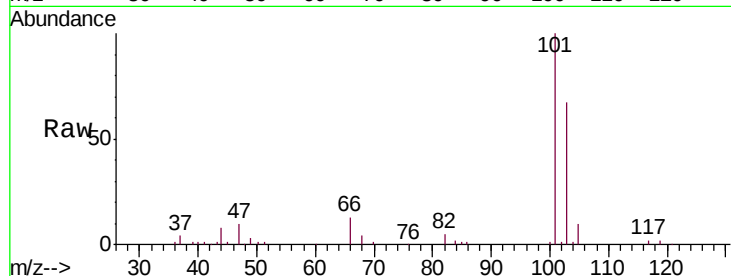


#7

Trichlorofluoromethane
 Concen: 66.017 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009258.D
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 VSTDIC100

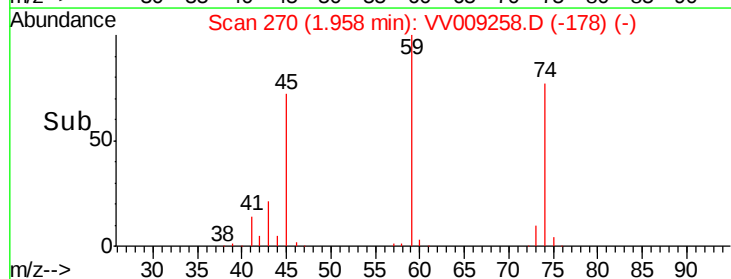
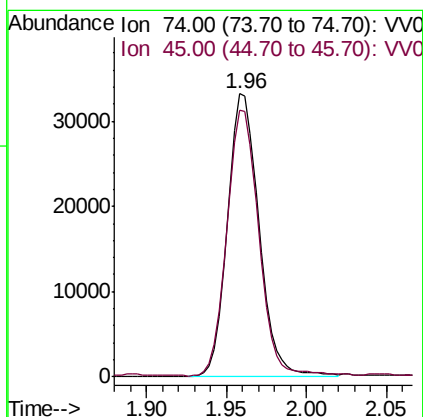
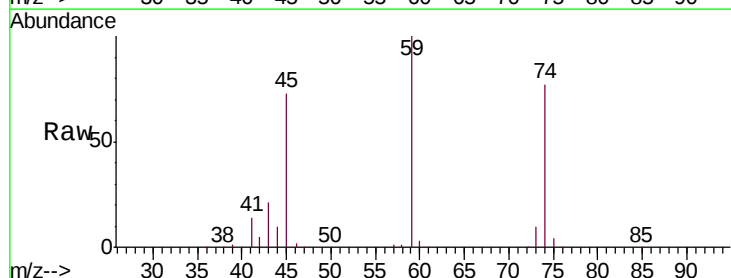
Tgt Ion:101 Resp: 43215
 Ion Ratio Lower Upper
 101 100
 103 66.6 49.8 74.8

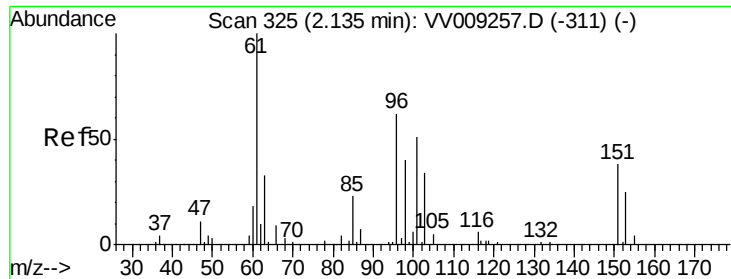


#8

Diethyl Ether
 Concen: 101.921 ug/l
 RT: 1.96 min Scan# 270
 Delta R.T. -0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 74 Resp: 44744
 Ion Ratio Lower Upper
 74 100
 45 94.9 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.035 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

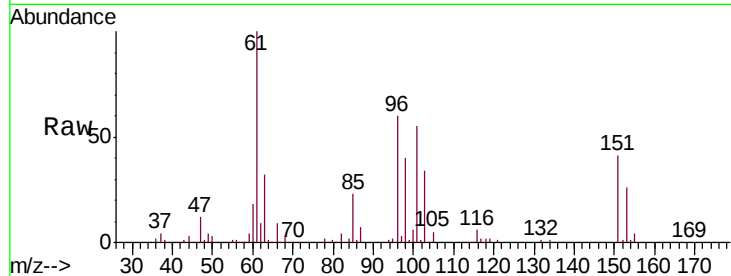
Tgt Ion:101 Resp: 81776

Ion Ratio Lower Upper

101 100

85 45.3 33.8 50.6

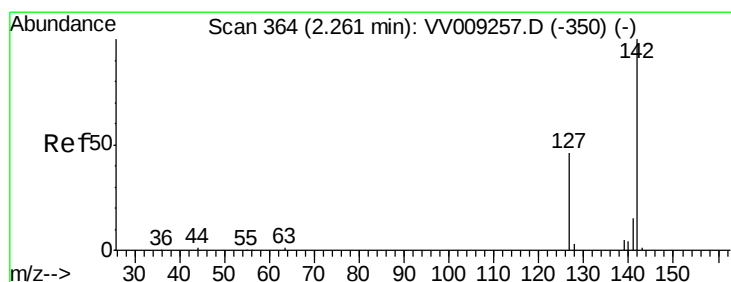
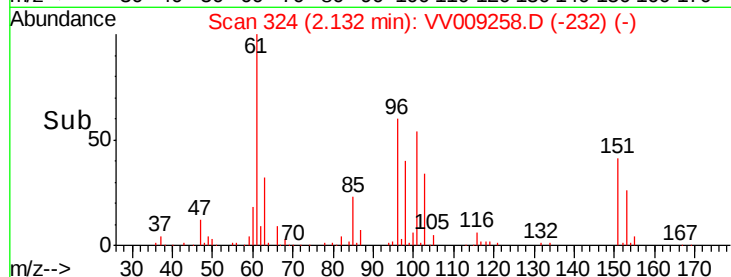
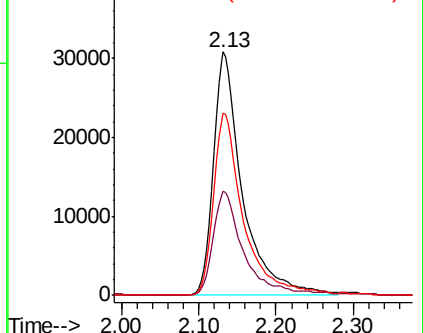
151 76.6 58.3 87.5



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: 95.068 ug/l

RT: 2.26 min Scan# 363

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

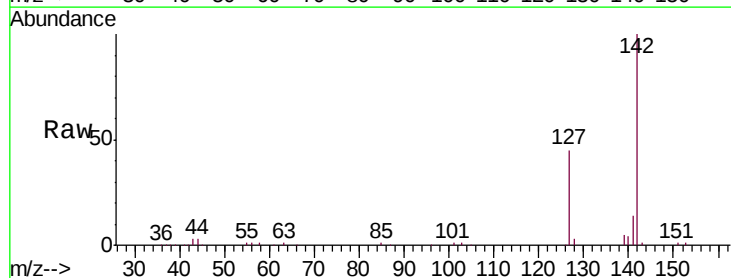
Tgt Ion:142 Resp: 130443

Ion Ratio Lower Upper

142 100

127 46.2 36.8 55.2

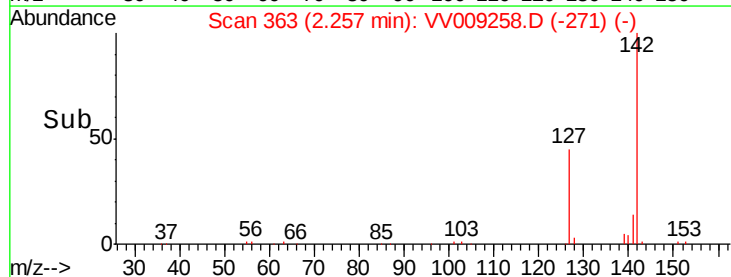
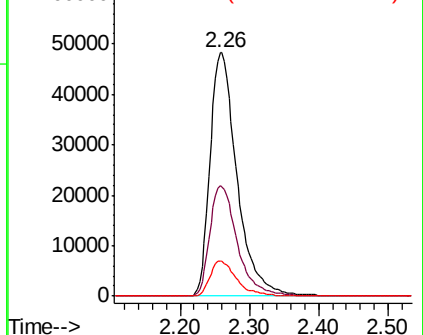
141 14.3 11.6 17.4

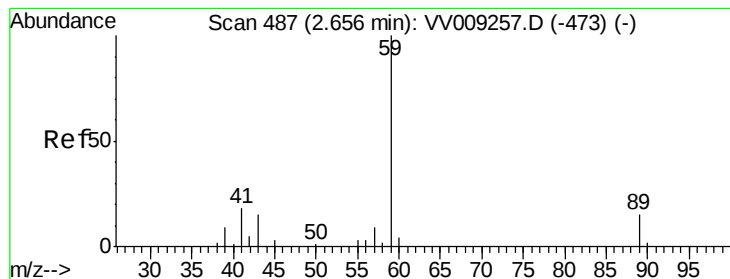


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



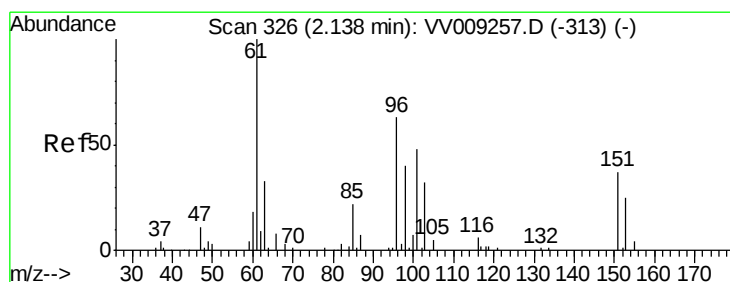
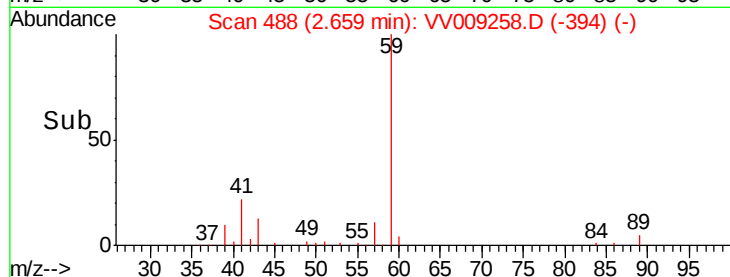
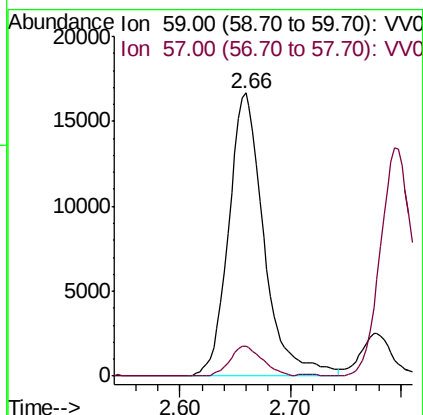
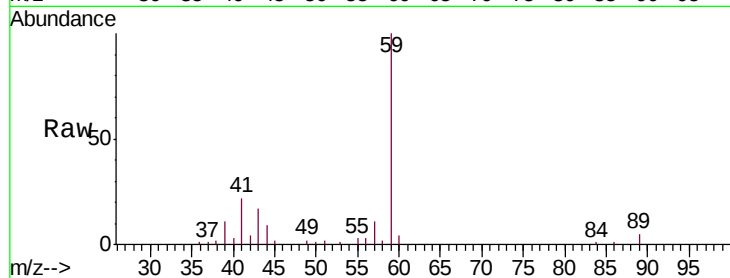


#11

Tert butyl alcohol
 Concen: 498.292 ug/l
 RT: 2.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

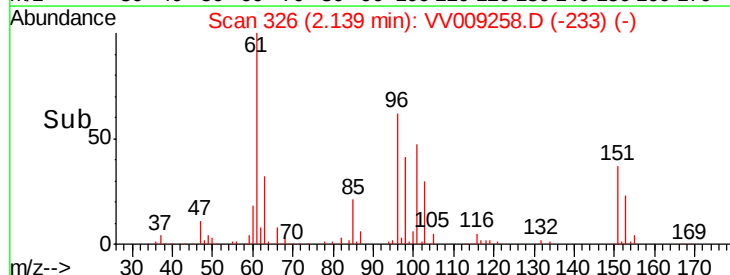
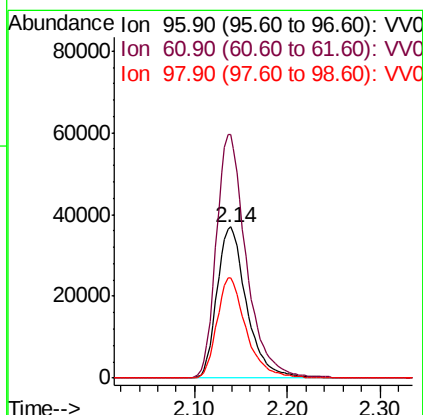
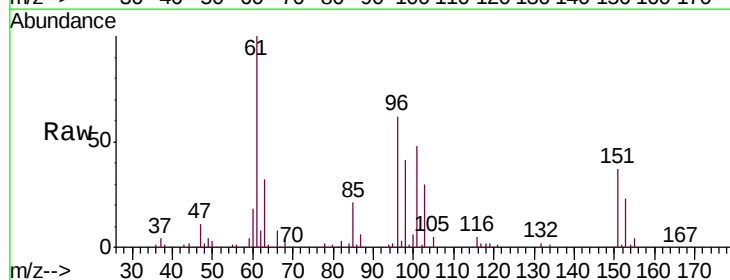
Tgt Ion: 59 Resp: 37034
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.0 10.4

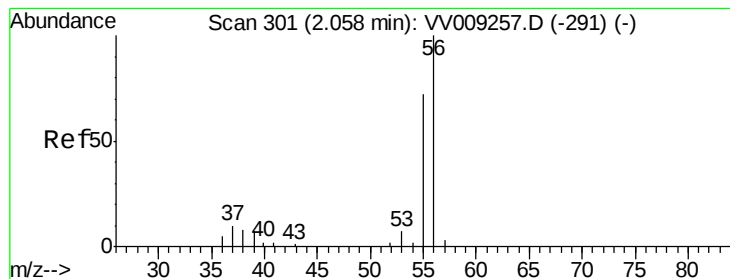


#12

1,1-Dichloroethene
 Concen: 97.072 ug/l
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 96 Resp: 82309
 Ion Ratio Lower Upper
 96 100
 61 160.7 127.2 190.8
 98 66.3 51.5 77.3





#13

Acrolein

Concen: 423.351 ug/l

RT: 2.05 min Scan# 300

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

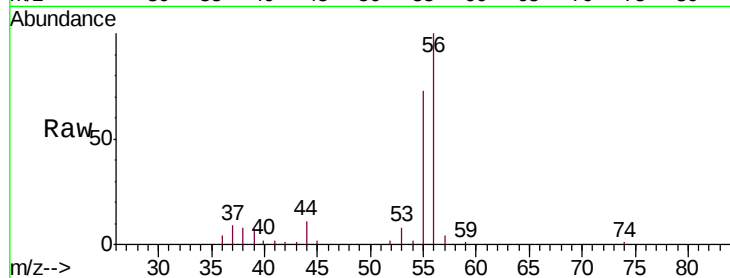
VSTDIC100

Tgt Ion: 56 Resp: 23936

Ion Ratio Lower Upper

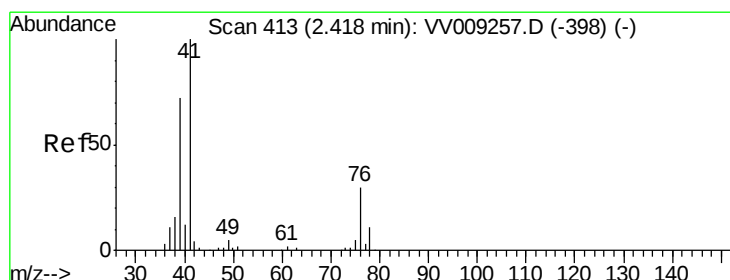
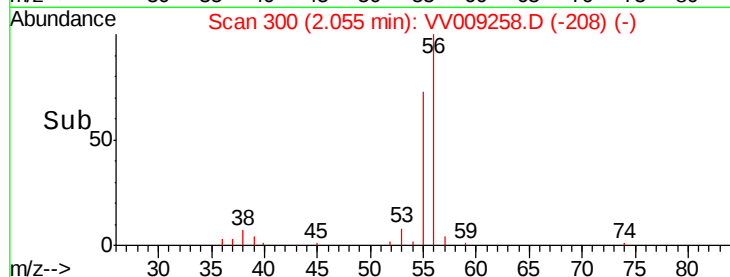
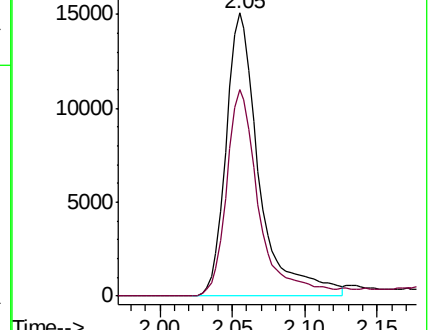
56 100

55 70.7 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) (-)



#14

Allyl chloride

Concen: 83.593 ug/l

RT: 2.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

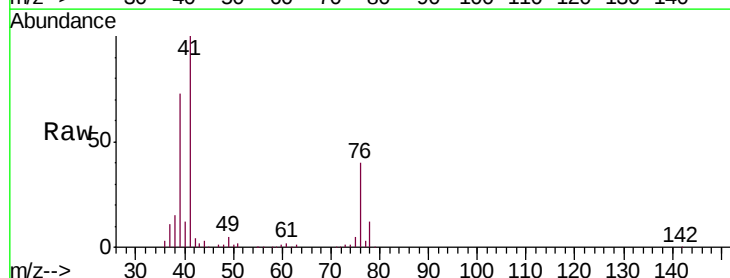
Tgt Ion: 41 Resp: 118973

Ion Ratio Lower Upper

41 100

39 69.8 56.4 84.6

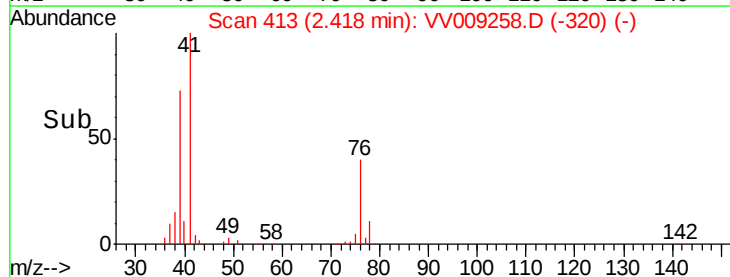
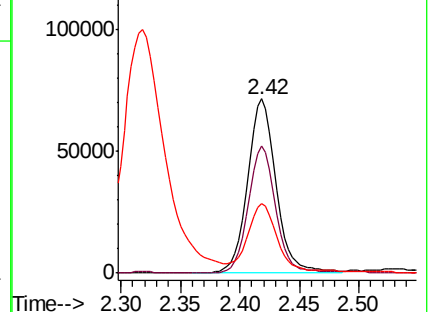
76 40.8 30.6 46.0

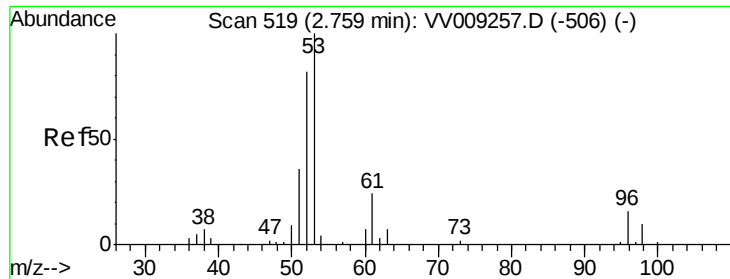


Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-398) (-)

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

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





#15

Acrylonitrile

Concen: 590.061 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

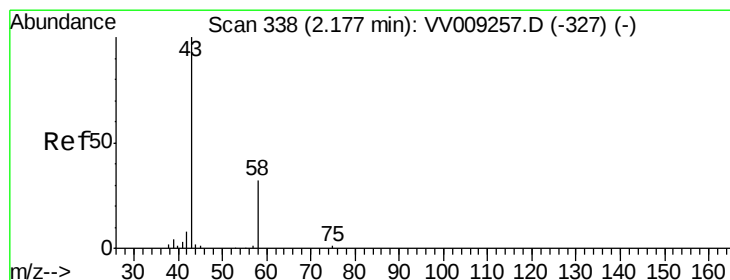
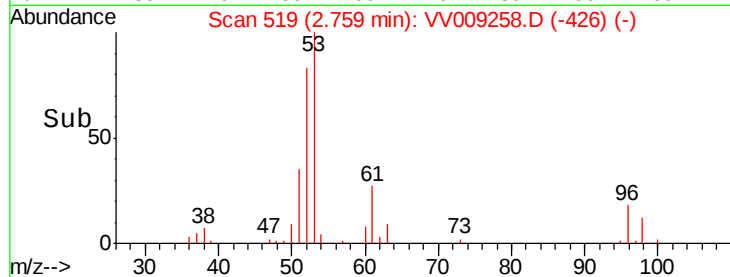
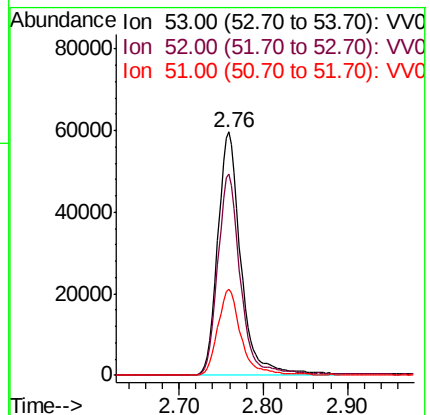
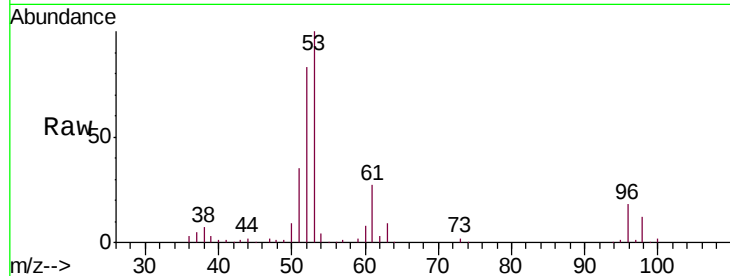
Tgt Ion: 53 Resp: 114298

Ion Ratio Lower Upper

53 100

52 80.6 67.2 100.8

51 35.0 29.7 44.5



#16

Acetone

Concen: 461.451 ug/l

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV009258.D

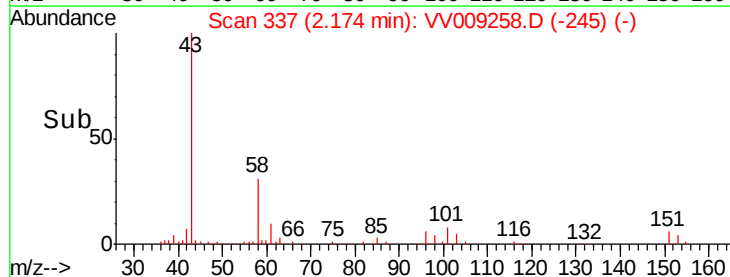
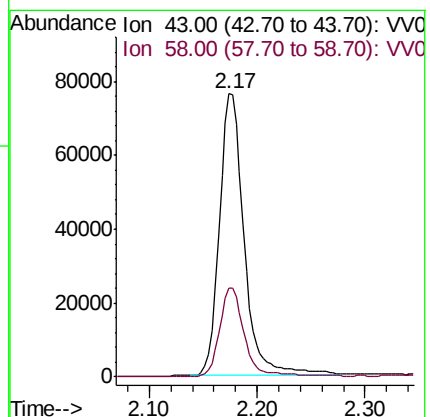
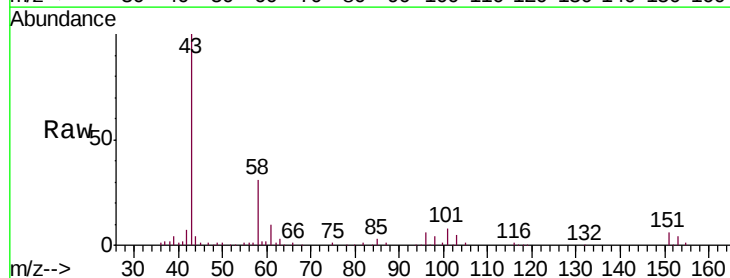
Acq: 24 Jan 2019 14:16

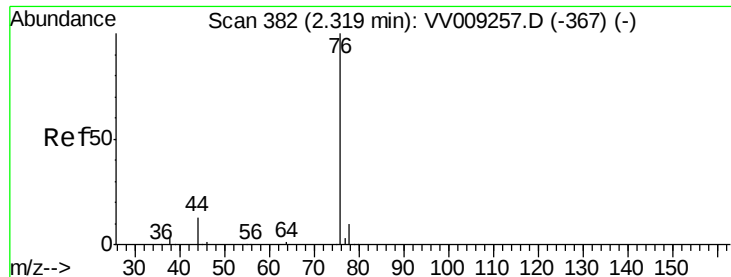
Tgt Ion: 43 Resp: 121969

Ion Ratio Lower Upper

43 100

58 31.2 25.8 38.6





#17

Carbon Disulfide

Concen: 94.668 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampled :

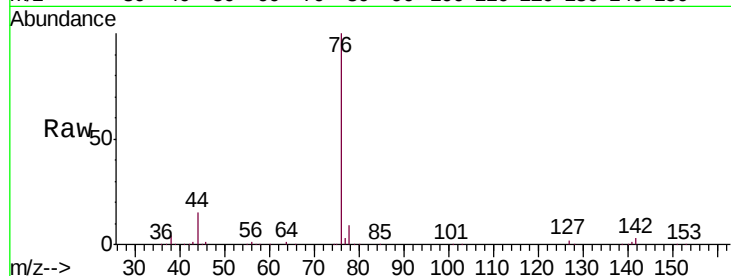
VSTDIC100

Tgt Ion: 76 Resp: 243272

Ion Ratio Lower Upper

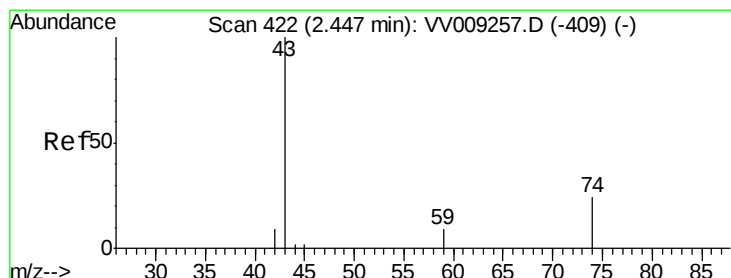
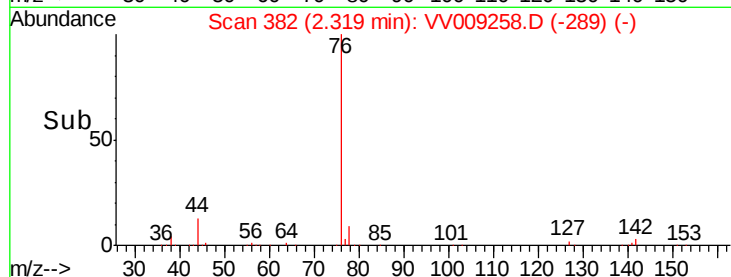
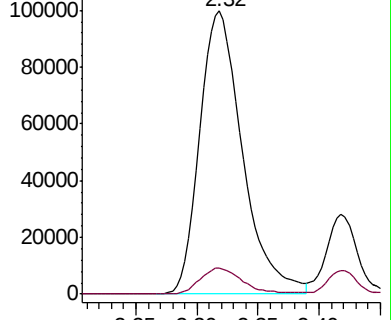
76 100

78 9.2 7.9 11.9



Abundance Ion 75.90 (75.60 to 76.60): VV009258.D (-289) (-)

Ion 77.90 (77.60 to 78.60): VV009258.D (-289) (-)



#18

Methyl Acetate

Concen: 96.028 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009258.D

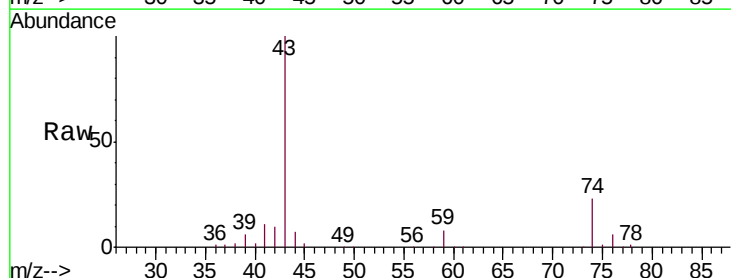
Acq: 24 Jan 2019 14:16

Tgt Ion: 43 Resp: 68363

Ion Ratio Lower Upper

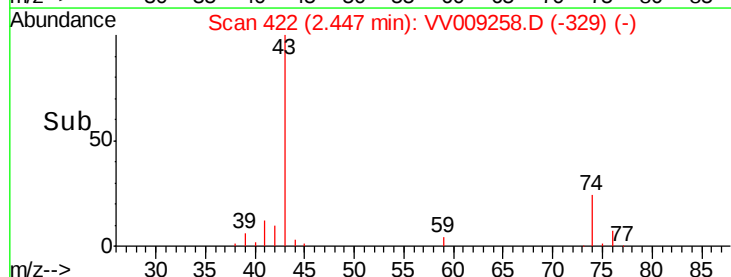
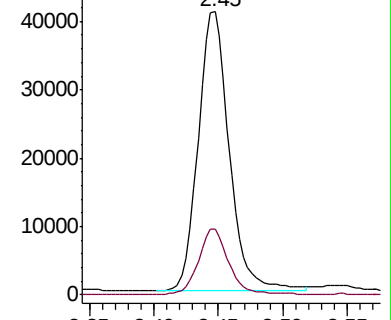
43 100

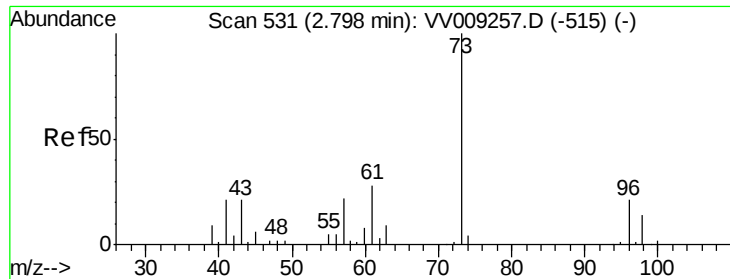
74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VV009258.D (-329) (-)

Ion 74.00 (73.70 to 74.70): VV009258.D (-329) (-)

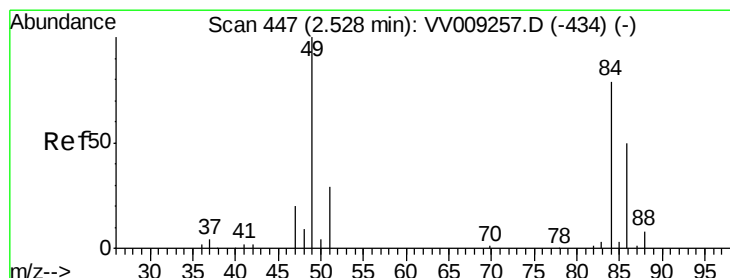
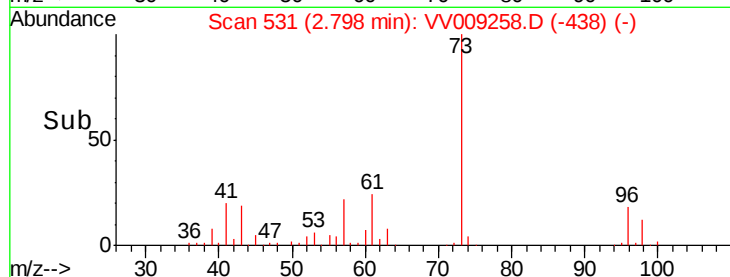
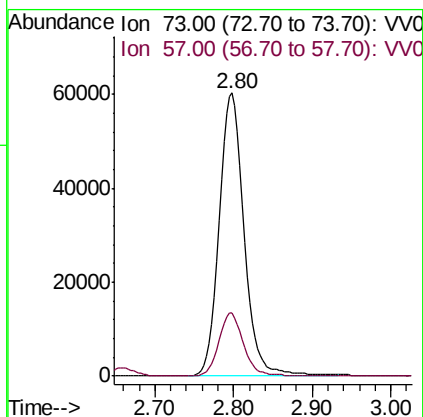
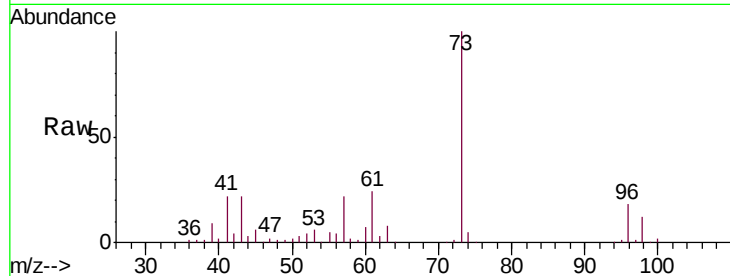




#19
Methyl tert-butyl Ether
Concen: 99.269 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

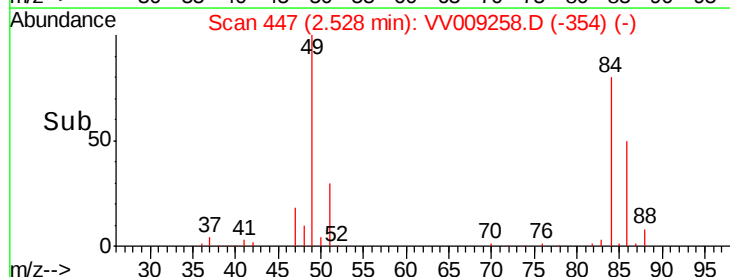
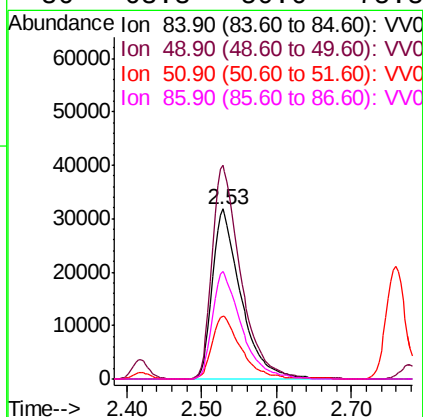
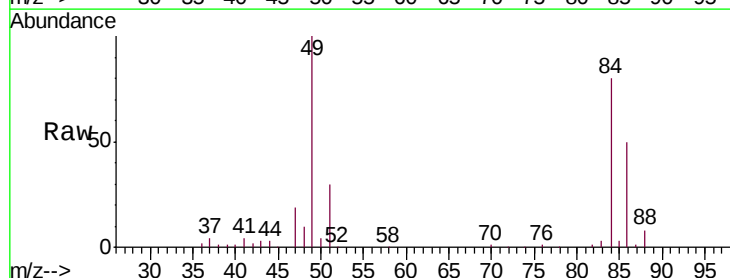
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

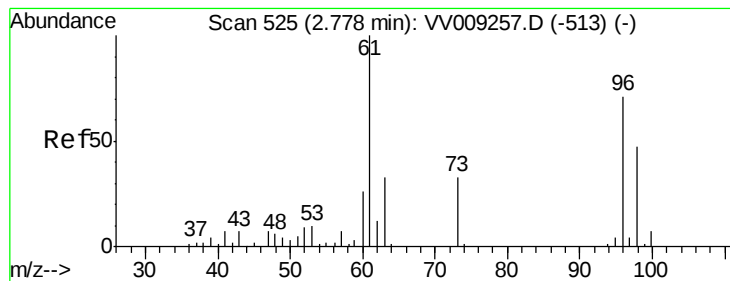
Tgt Ion: 73 Resp: 131652
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 85.628 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 84 Resp: 84404
Ion Ratio Lower Upper
84 100
49 125.7 101.5 152.3
51 37.1 29.6 44.4
86 63.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 92.109 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

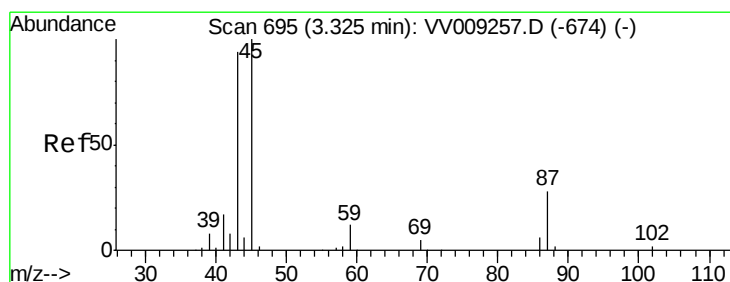
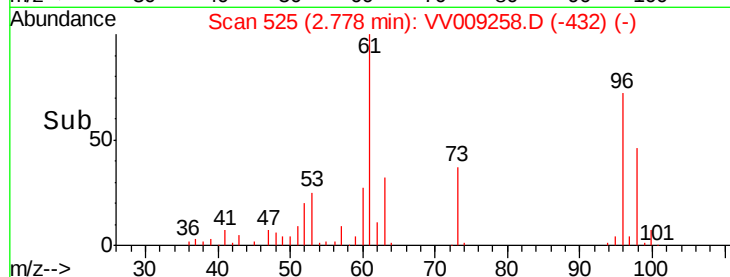
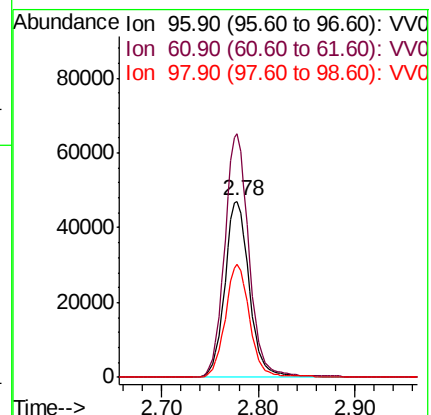
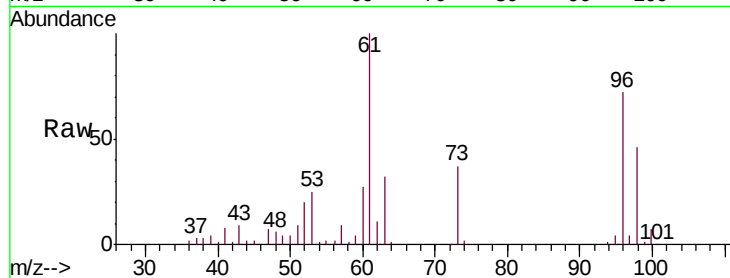
Tgt Ion: 96 Resp: 83195

Ion Ratio Lower Upper

96 100

61 138.2 112.1 168.1

98 63.9 52.8 79.2



#22

Diisopropyl ether

Concen: 92.575 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Tgt Ion: 45 Resp: 285089

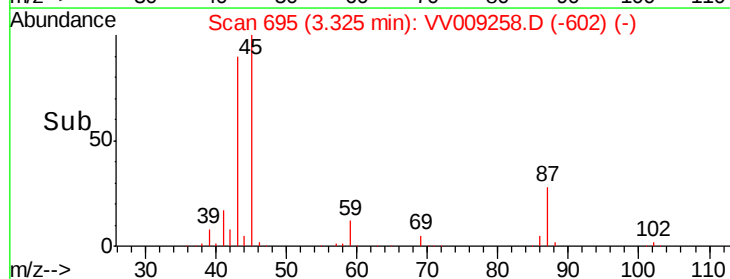
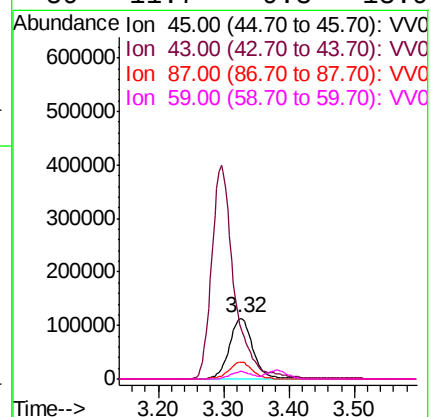
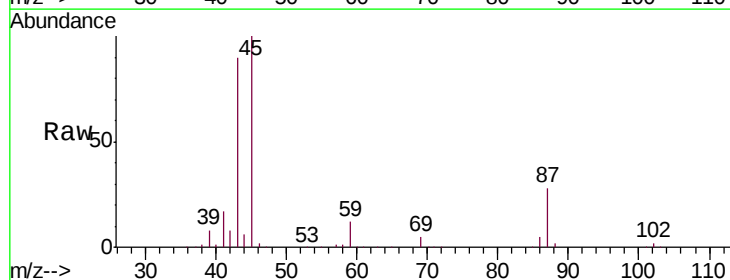
Ion Ratio Lower Upper

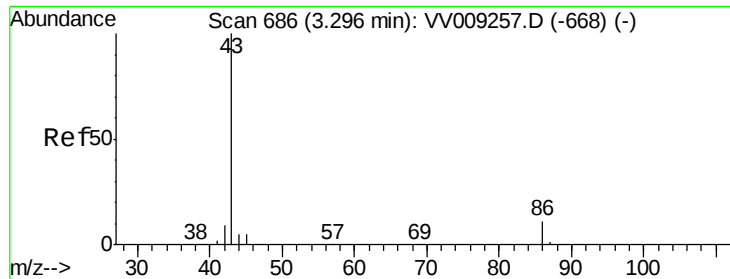
45 100

43 88.9 75.3 112.9

87 28.2 22.4 33.6

59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 561.023 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

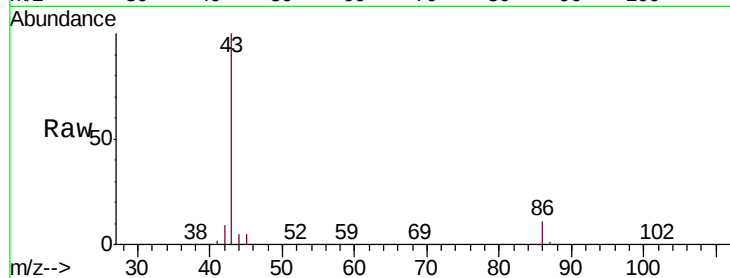
VSTDIC100

Tgt Ion: 43 Resp: 960229

Ion Ratio Lower Upper

43 100

86 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-668) (-)

Ion 86.00 (85.70 to 86.70): VV009257.D (-668) (-)

3.30

400000

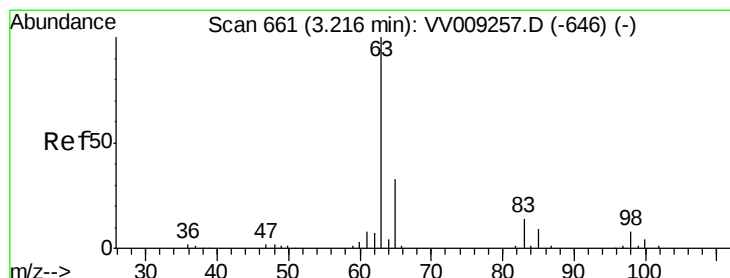
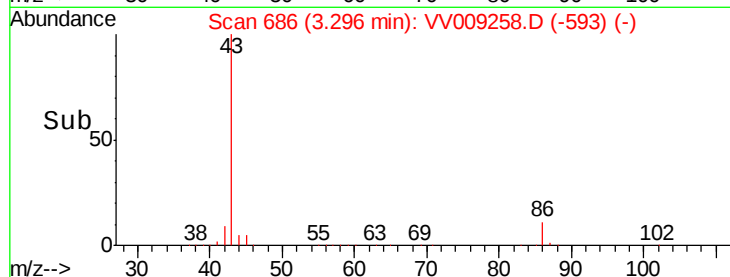
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 92.516 ug/l

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

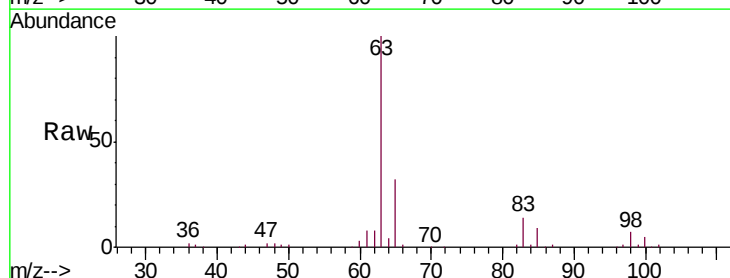
Tgt Ion: 63 Resp: 177013

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VV009257.D (-646) (-)

Ion 97.90 (97.60 to 98.60): VV009257.D (-646) (-)

Ion 99.90 (99.60 to 100.60): VV009257.D (-646) (-)

3.22

100000

80000

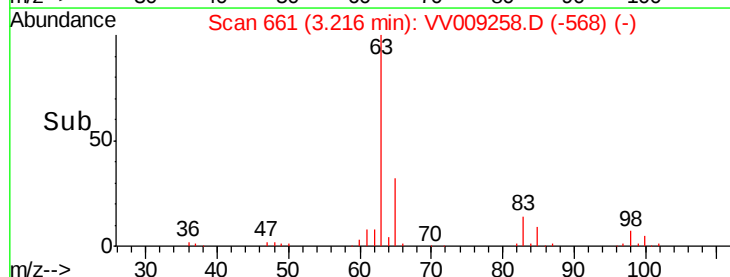
60000

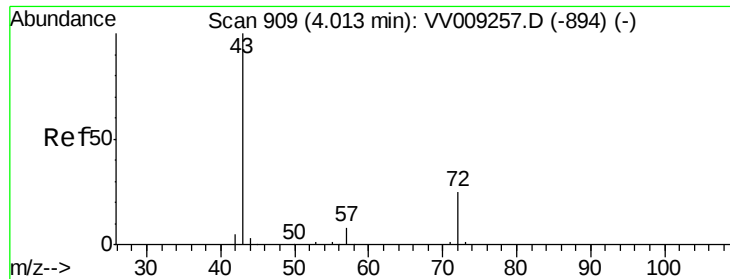
40000

20000

0

Time-->





#25

2-Butanone

Concen: 605.460 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

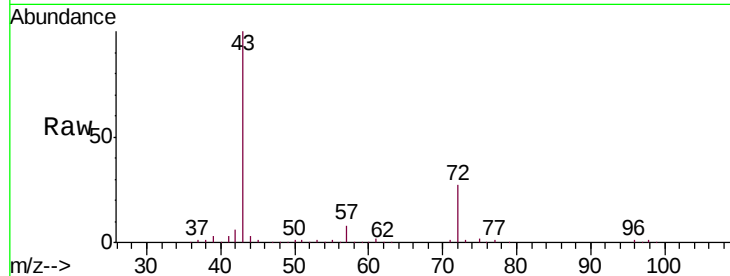
VSTDIC100

Tgt Ion: 43 Resp: 188356

Ion Ratio Lower Upper

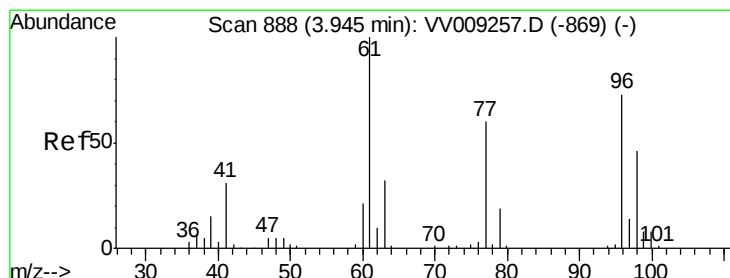
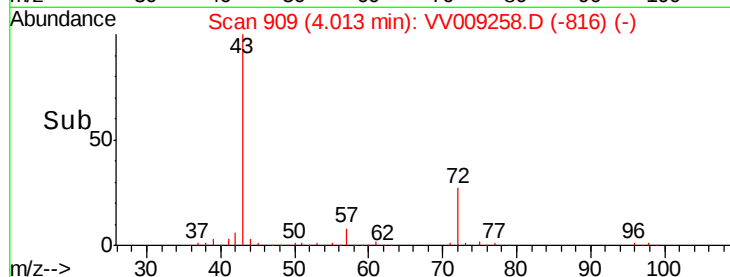
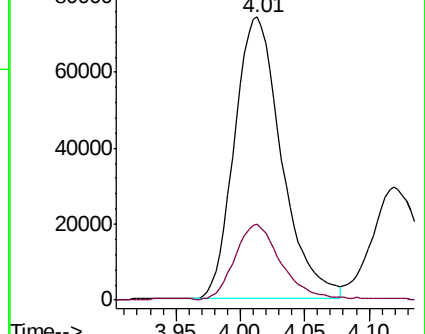
43 100

72 26.4 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: 87.978 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009258.D

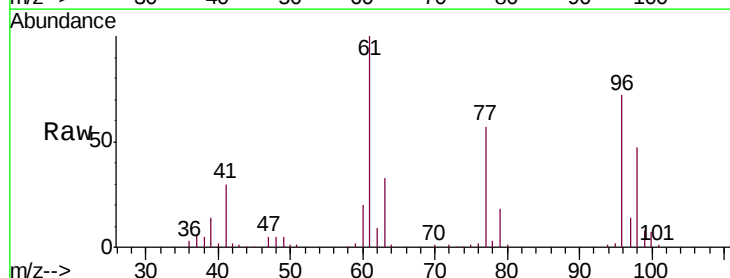
Acq: 24 Jan 2019 14:16

Tgt Ion: 77 Resp: 92720

Ion Ratio Lower Upper

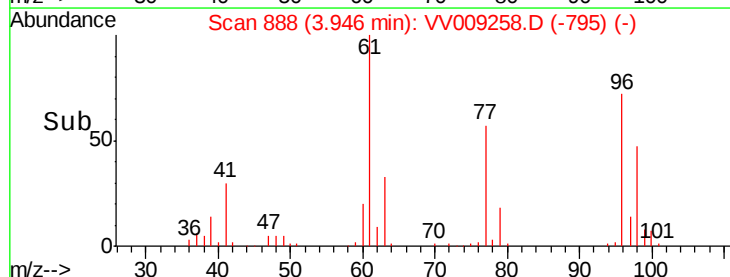
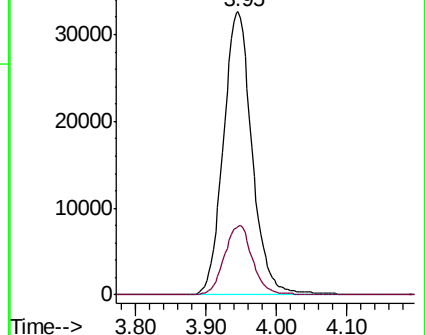
77 100

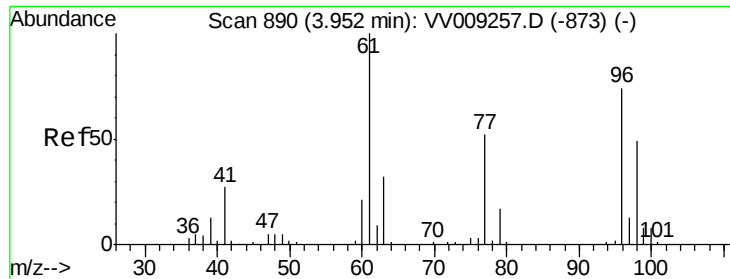
97 23.8 11.7 35.1



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

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



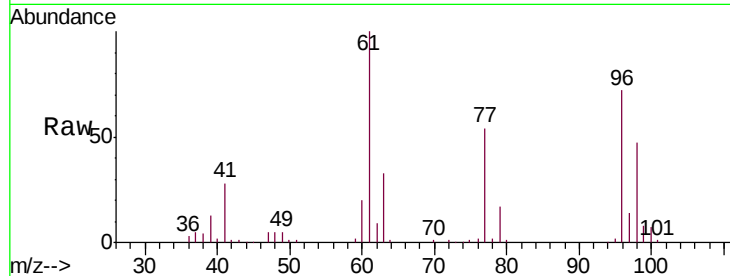


#27

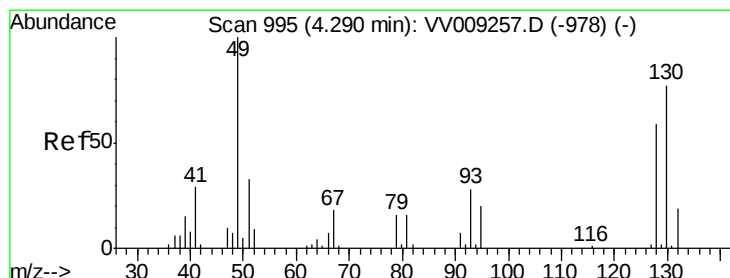
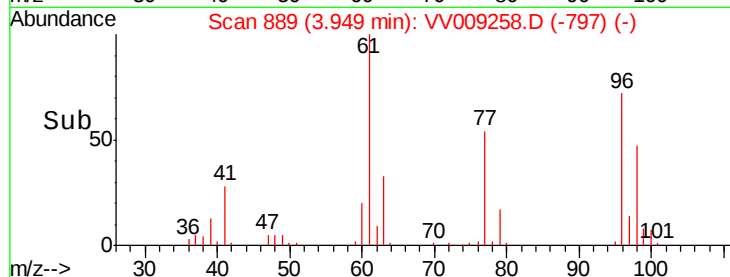
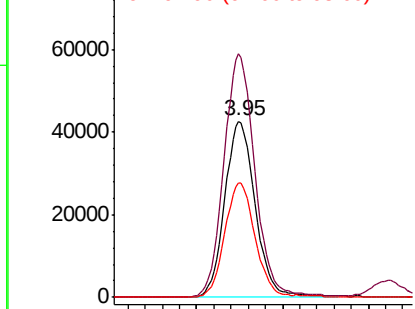
cis-1,2-Dichloroethene
Concen: 95.951 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 105341
Ion Ratio Lower Upper
96 100
61 140.7 0.0 277.6
98 64.5 0.0 127.6



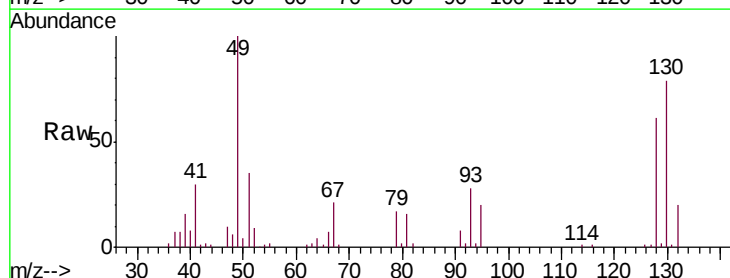
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



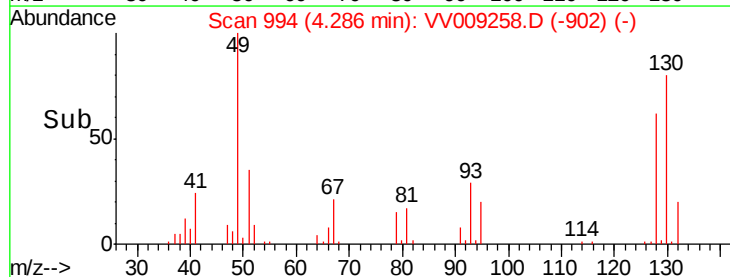
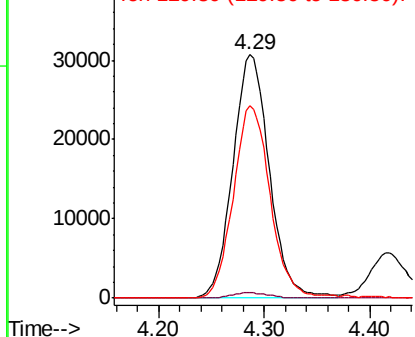
#28

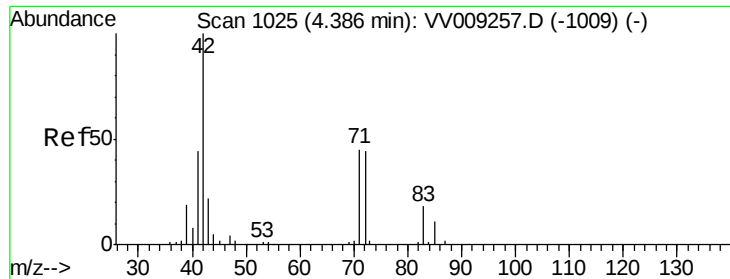
Bromochloromethane
Concen: 101.782 ug/l
RT: 4.29 min Scan# 994
Delta R.T. -0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 49 Resp: 73747
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 79.9 63.8 95.8



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





#29

Tetrahydrofuran

Concen: 652.865 ug/l

RT: 4.38 min Scan# 1024

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

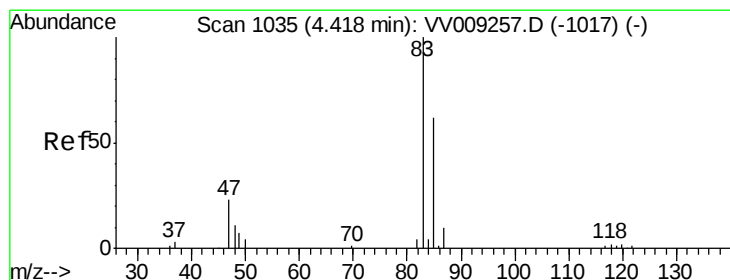
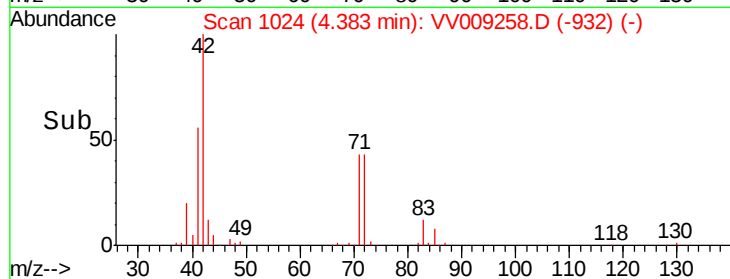
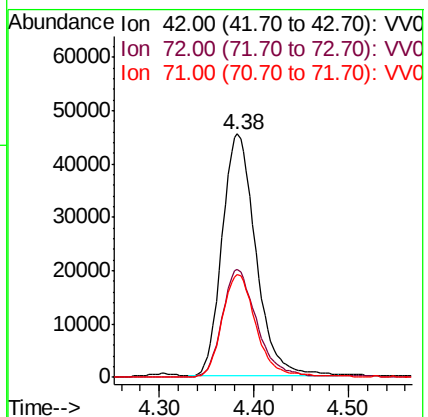
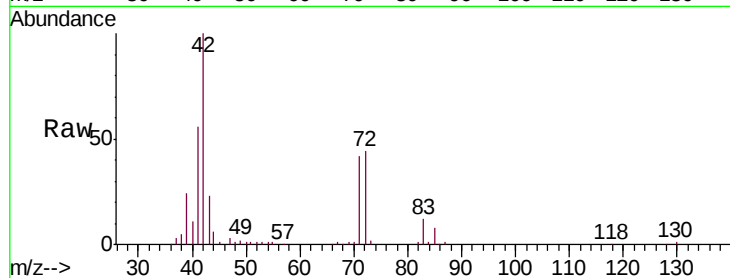
Tgt Ion: 42 Resp: 112585

Ion Ratio Lower Upper

42 100

72 46.1 36.0 54.0

71 43.0 33.3 49.9



#30

Chloroform

Concen: 91.625 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009258.D

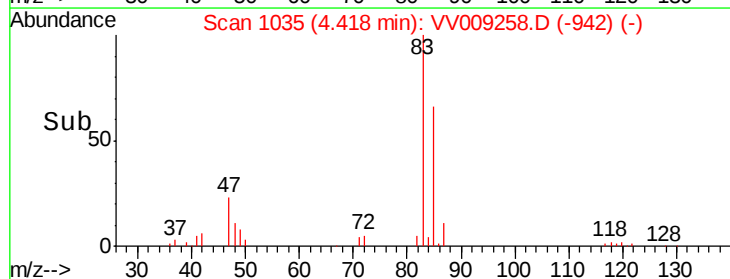
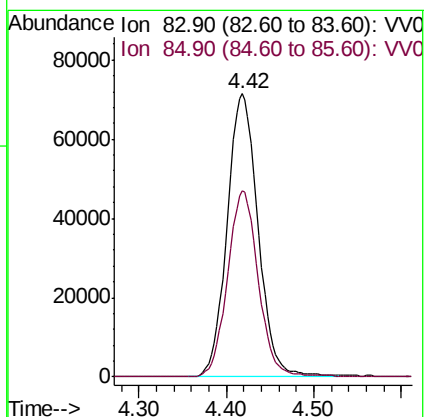
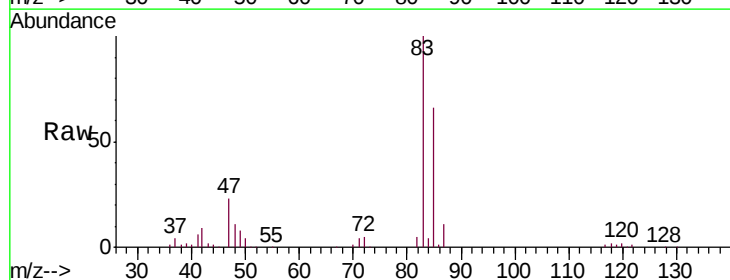
Acq: 24 Jan 2019 14:16

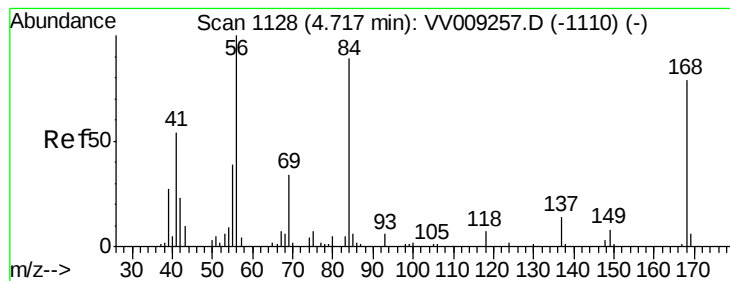
Tgt Ion: 83 Resp: 175660

Ion Ratio Lower Upper

83 100

85 65.9 49.9 74.9





#31

Cyclohexane

Concen: 89.896 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

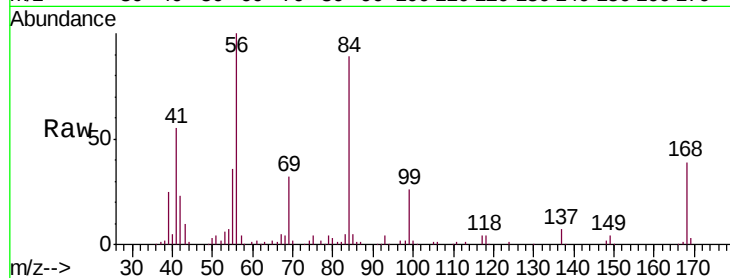
Tgt Ion: 56 Resp: 157266

Ion Ratio Lower Upper

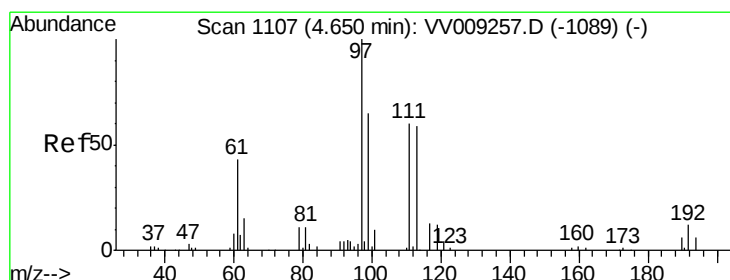
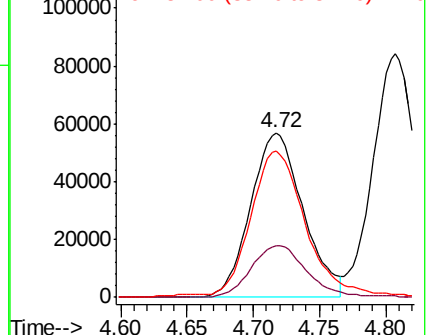
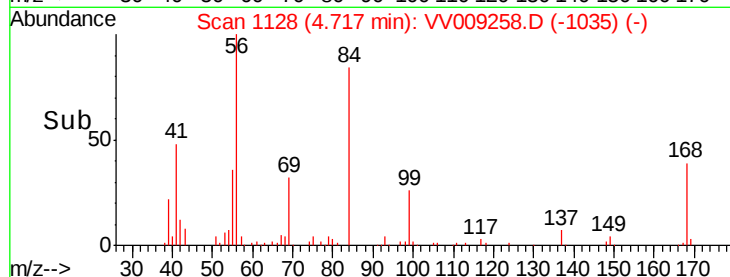
56 100

69 31.6 27.5 41.3

84 87.1 70.9 106.3



Abundance Ion 56.00 (55.70 to 56.70): VV009258.D (-1035) (-)



#32

1,1,1-Trichloroethane

Concen: 86.017 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

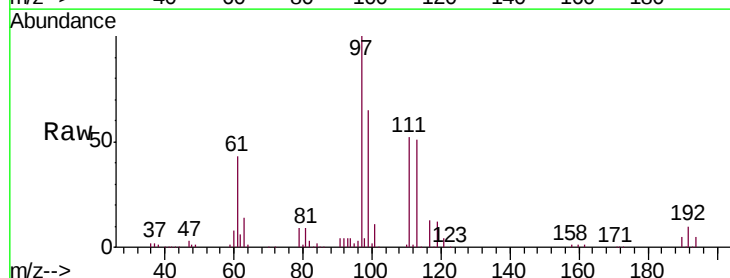
Tgt Ion: 97 Resp: 137441

Ion Ratio Lower Upper

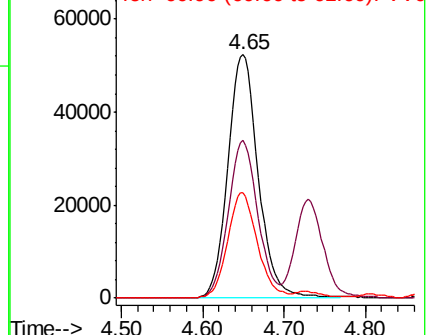
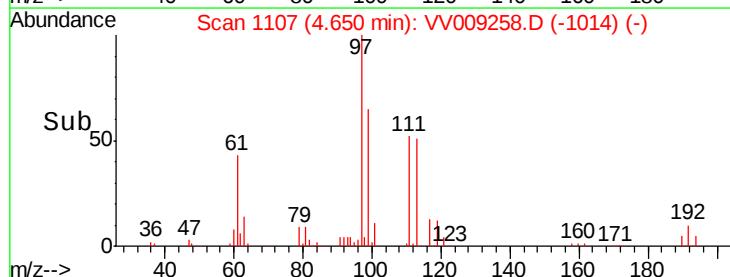
97 100

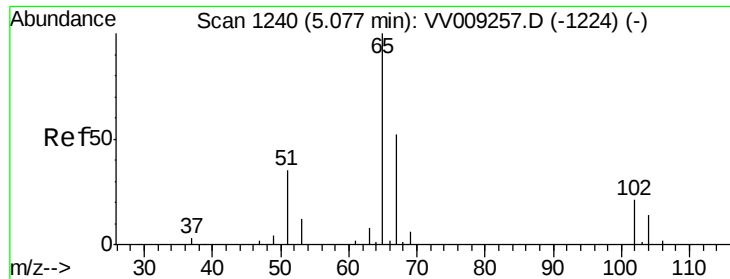
99 62.7 49.8 74.8

61 42.4 33.4 50.0



Abundance Ion 96.90 (96.60 to 97.60): VV009258.D (-1014) (-)

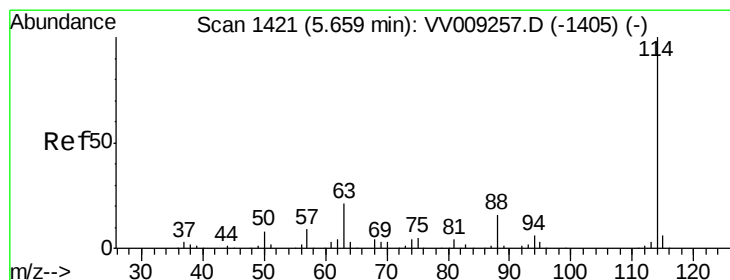
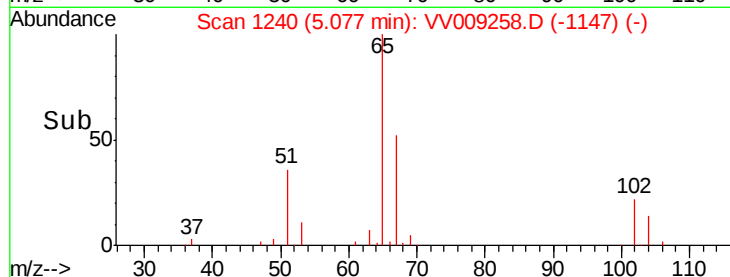
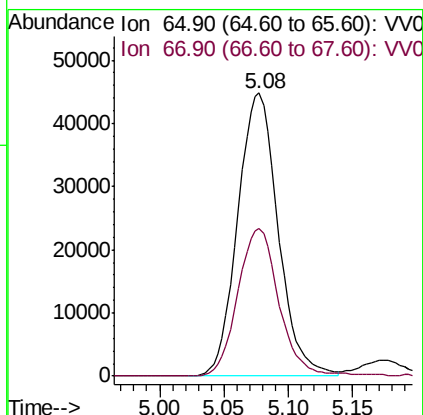
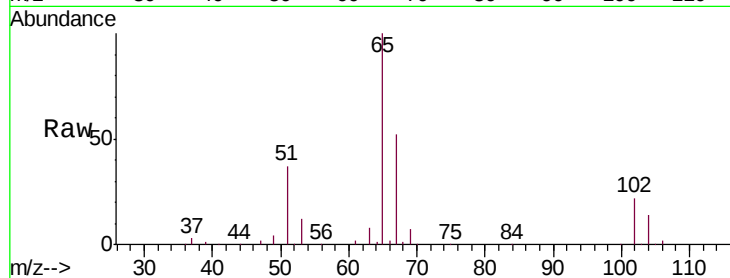




#33
 1,2-Dichloroethane-d4
 Concen: 97.176 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

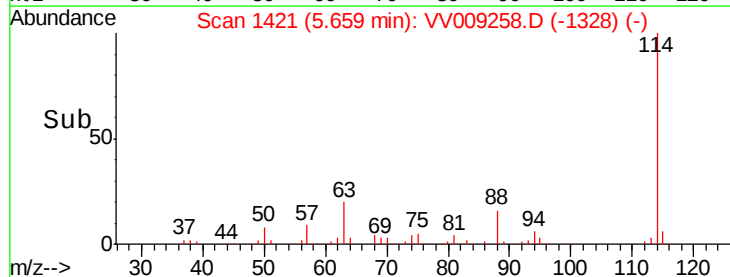
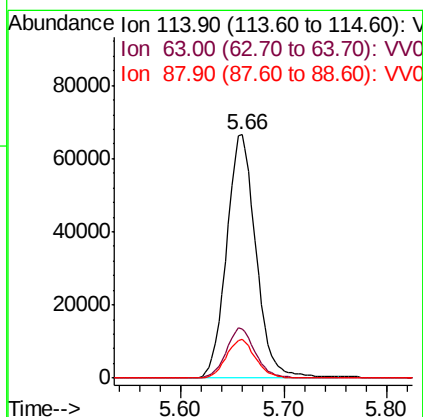
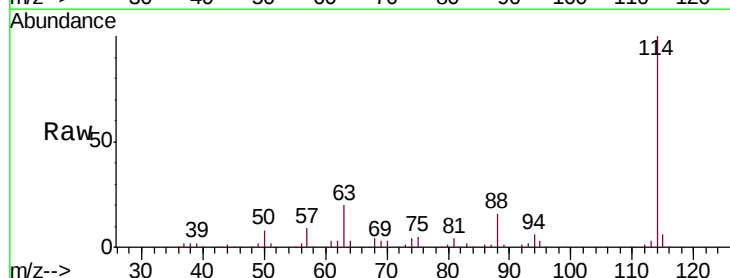
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

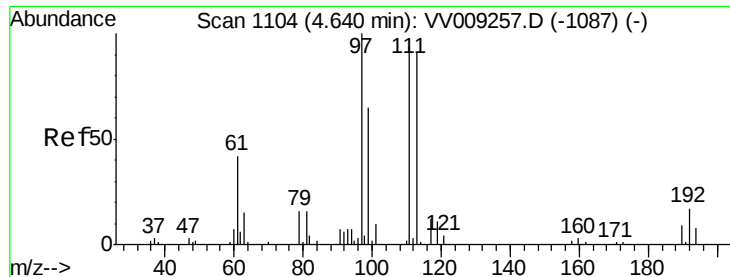
Tgt Ion: 65 Resp: 98076
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 114 Resp: 132068
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 16.0 0.0 33.0

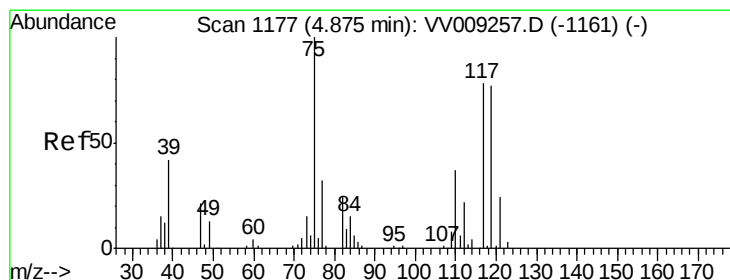
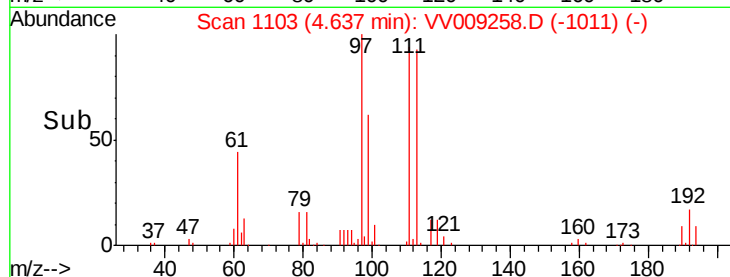
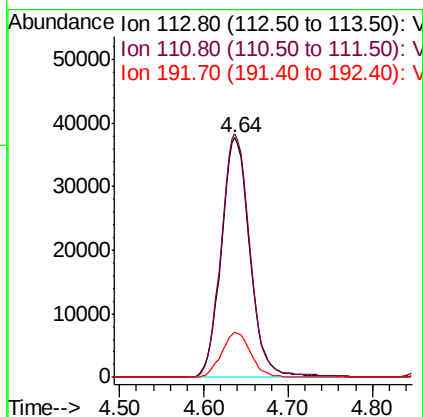
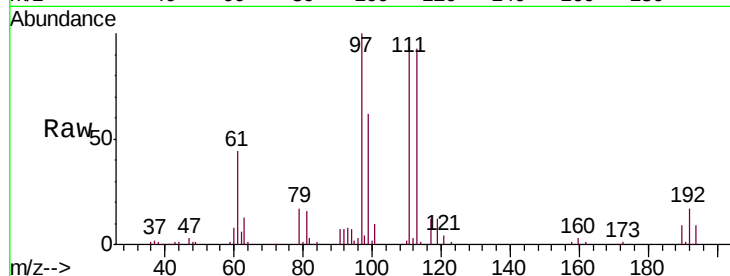




#35
 Dibromofluoromethane
 Concen: 100.936 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

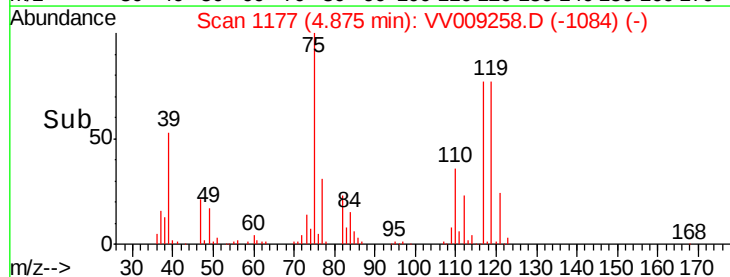
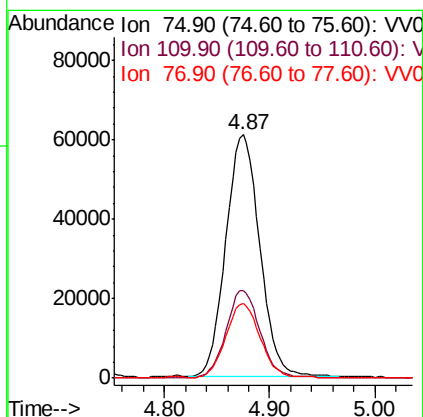
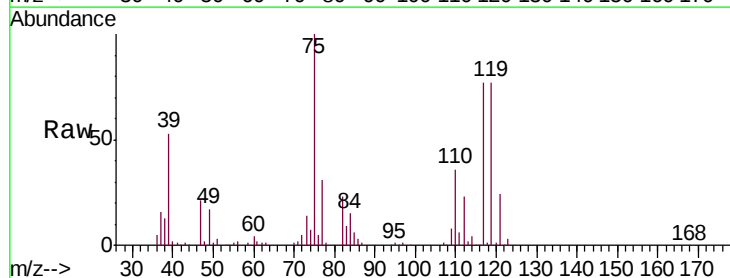
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

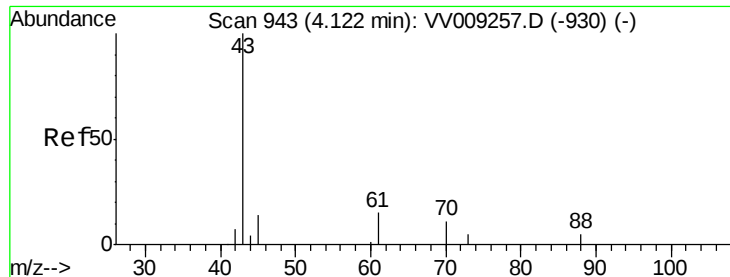
Tgt Ion: 113 Resp: 88850
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 19.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 94.915 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 136238
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.6 52.9
 77 30.8 25.5 38.3





#37

Ethyl Acetate

Concen: 132.230 ug/l

RT: 4.12 min Scan# 942

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

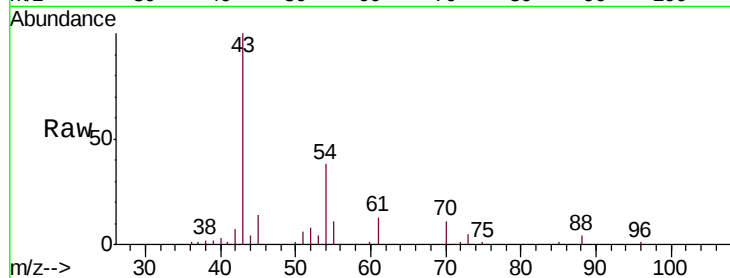
Tgt Ion: 43 Resp: 76937

Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

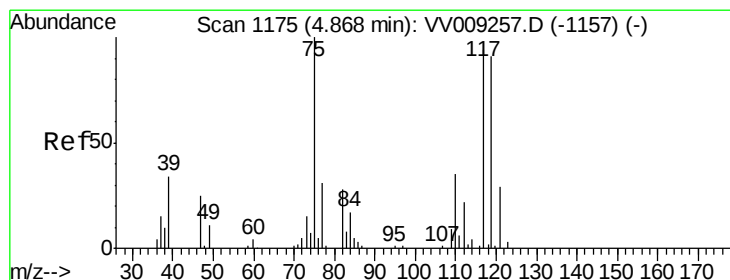
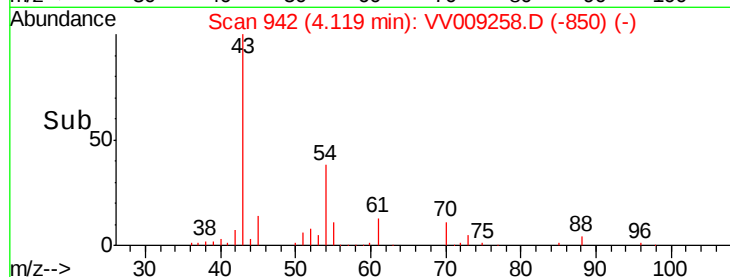
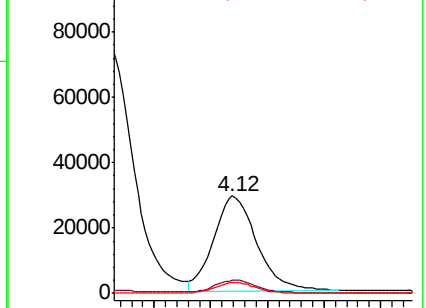
70 10.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-930) (-)

Ion 60.90 (60.60 to 61.60): VV009257.D (-930) (-)

Ion 70.00 (69.70 to 70.70): VV009257.D (-930) (-)



#38

Carbon Tetrachloride

Concen: 95.624 ug/l

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

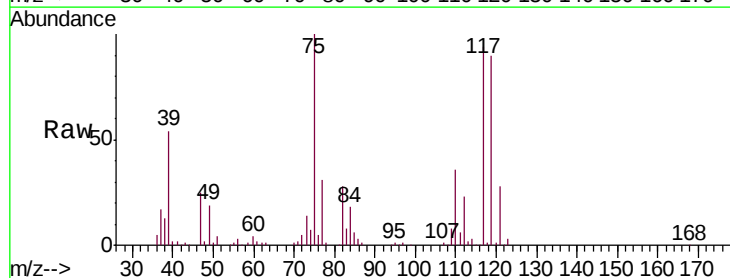
Tgt Ion: 117 Resp: 136027

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2

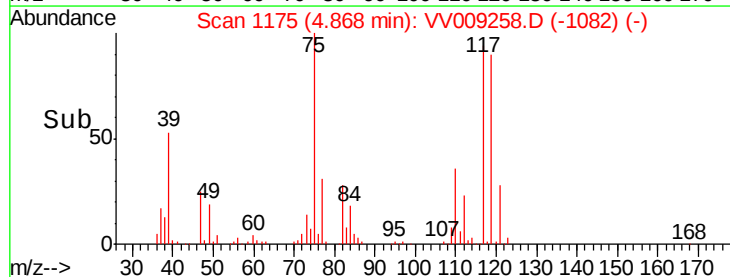
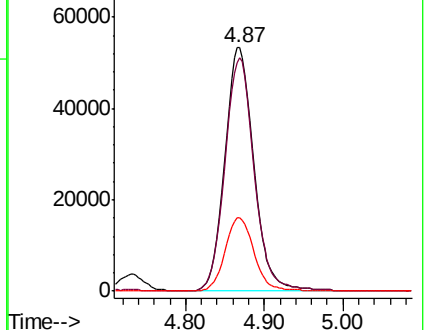
121 30.2 24.8 37.2

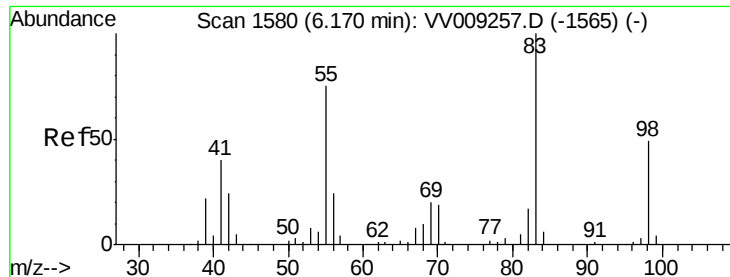


Abundance Ion 116.80 (116.50 to 117.50): VV009257.D (-1157) (-)

Ion 118.80 (118.50 to 119.50): VV009257.D (-1157) (-)

Ion 120.80 (120.50 to 121.50): VV009257.D (-1157) (-)

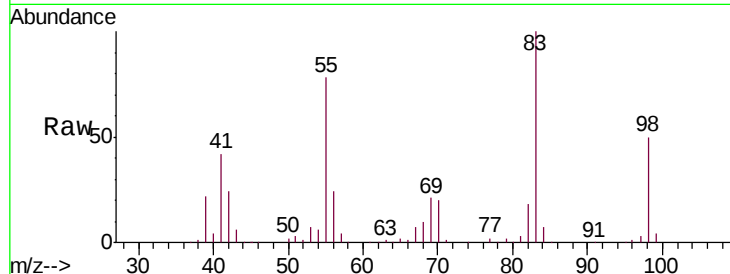




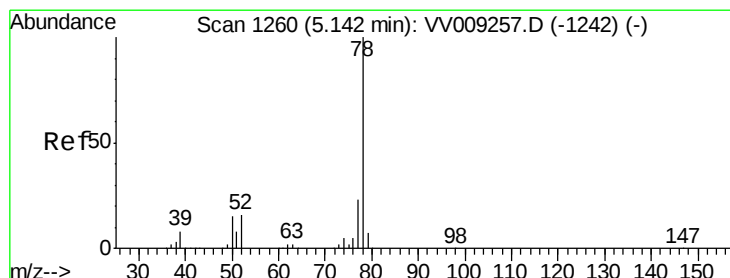
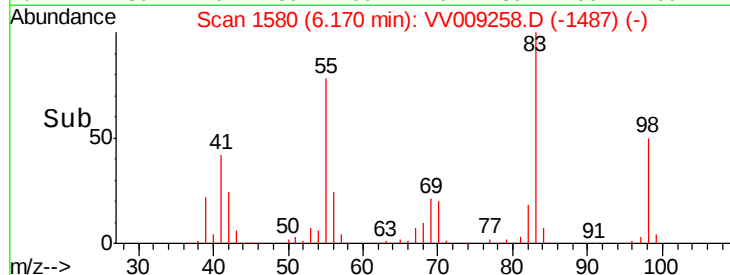
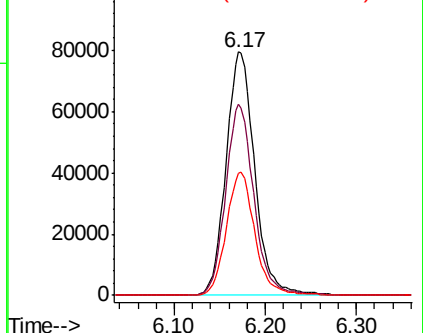
#39
Methylcyclohexane
Concen: 102.107 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 174199
Ion Ratio Lower Upper
83 100
55 78.5 60.1 90.1
98 50.3 39.2 58.8

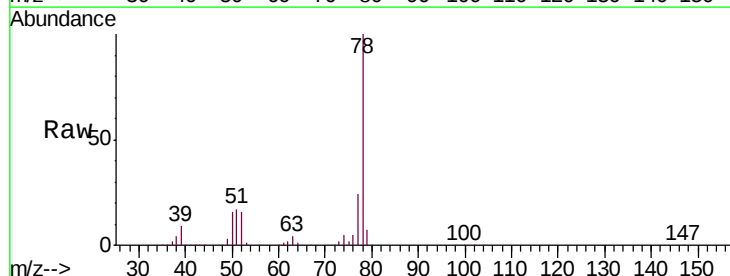


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

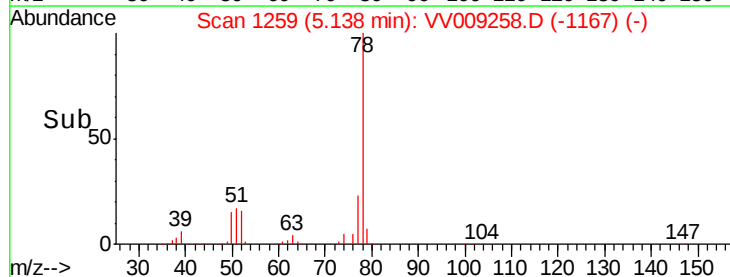
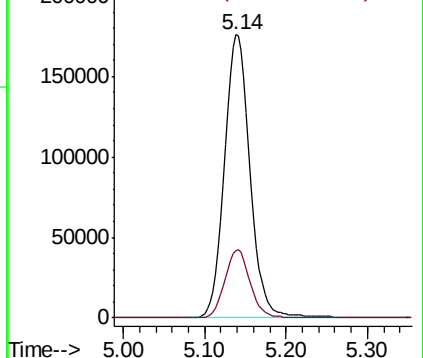


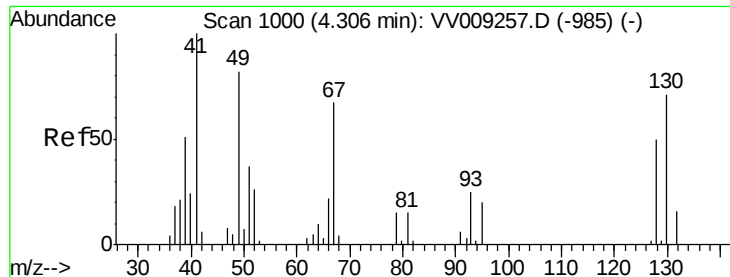
#40
Benzene
Concen: 96.990 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 78 Resp: 390420
Ion Ratio Lower Upper
78 100
77 23.8 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: 126.030 ug/l

RT: 4.30 min Scan# 999

Delta R.T. -0.00 min

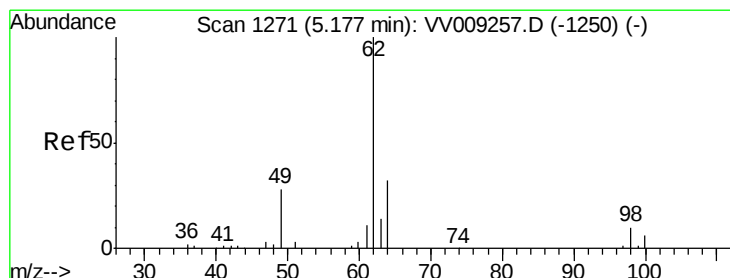
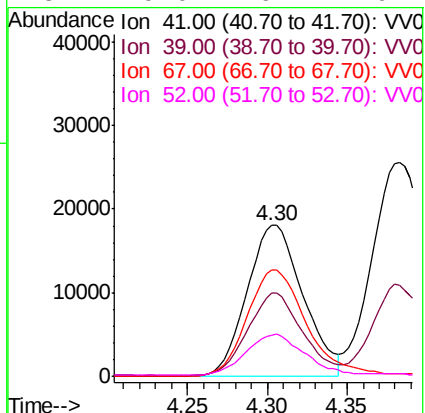
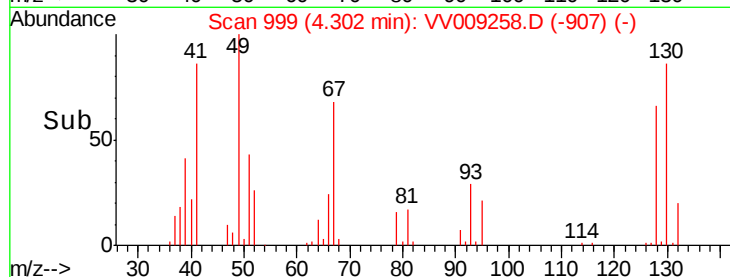
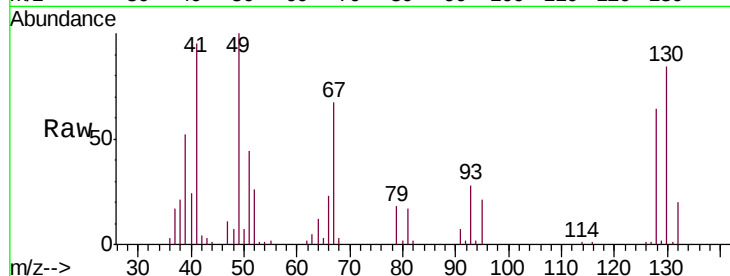
Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 43511
Ion Ratio Lower Upper

41	100		
39	54.3	42.3	63.5
67	76.1	57.4	86.2
52	29.0	26.7	40.1



#42

1,2-Dichloroethane

Concen: 98.234 ug/l

RT: 5.17 min Scan# 1270

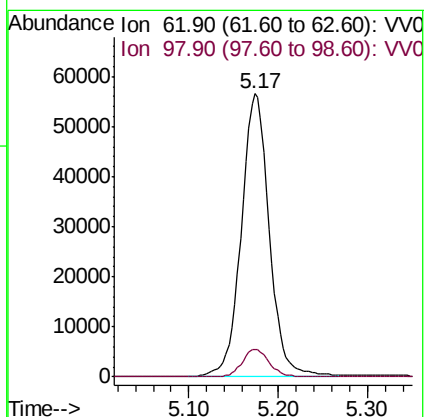
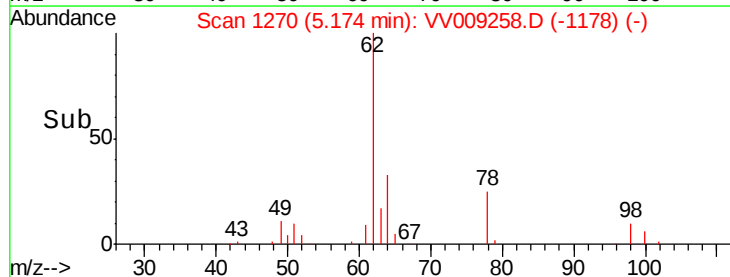
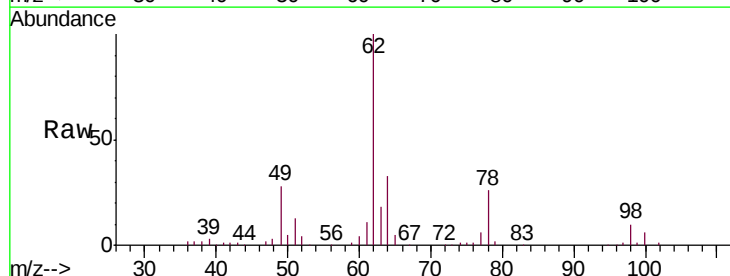
Delta R.T. -0.00 min

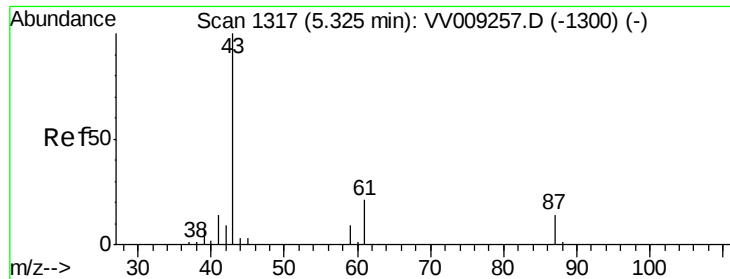
Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Tgt Ion: 62 Resp: 123836
Ion Ratio Lower Upper

62	100		
98	9.4	0.0	19.2

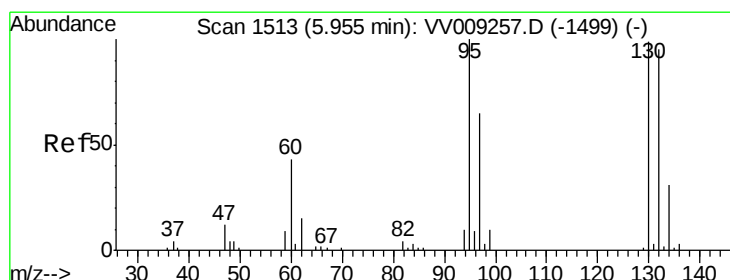
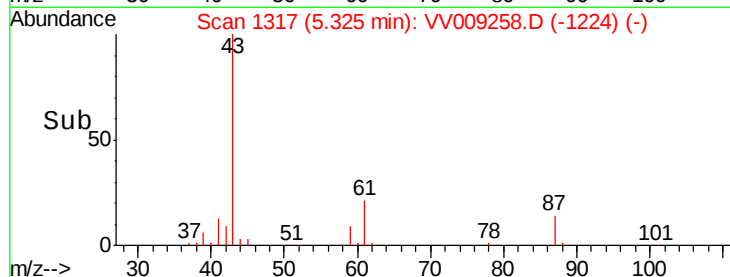
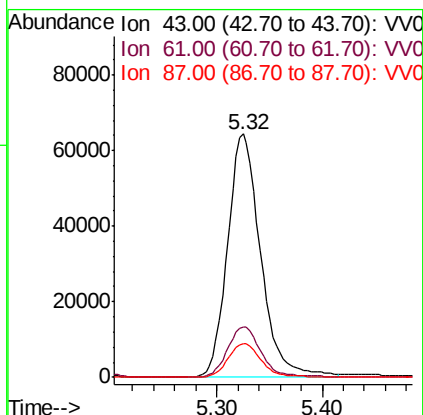
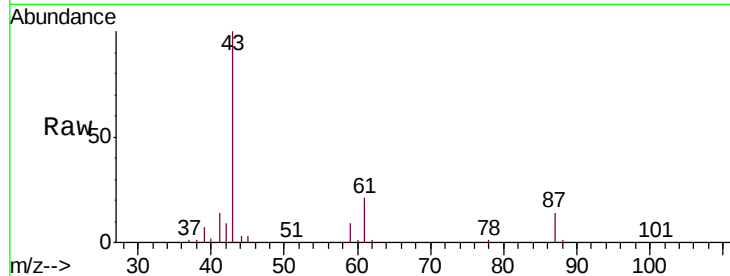




#43
Isopropyl Acetate
Concen: 122.702 ug/l
RT: 5.32 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

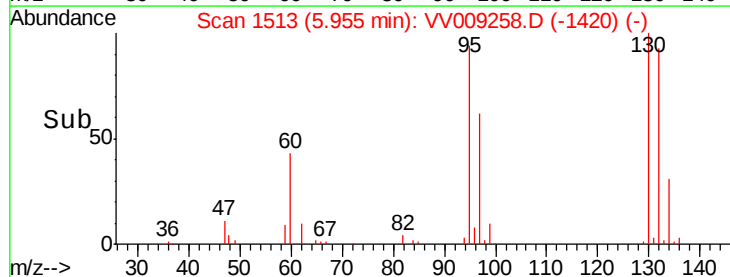
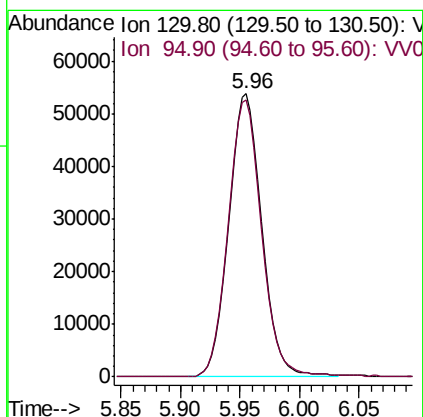
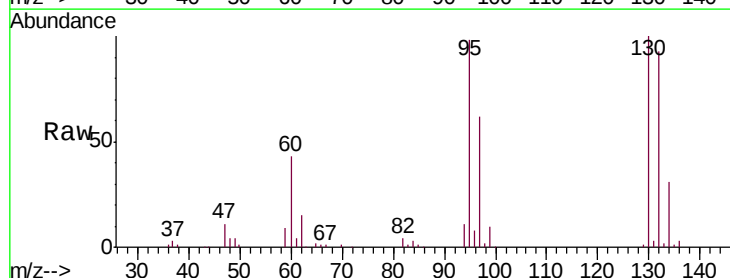
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

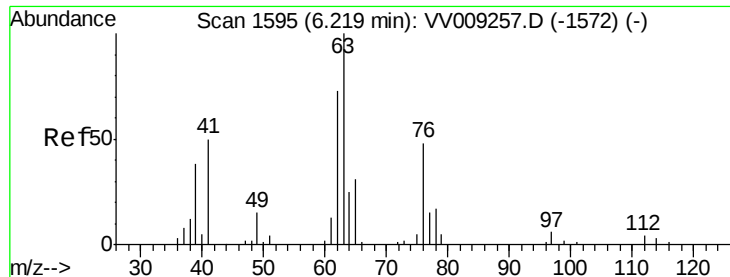
Tgt Ion: 43 Resp: 138830
Ion Ratio Lower Upper
43 100
61 21.0 15.8 23.6
87 14.1 10.1 15.1



#44
Trichloroethene
Concen: 97.485 ug/l
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 130 Resp: 103477
Ion Ratio Lower Upper
130 100
95 97.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 98.143 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

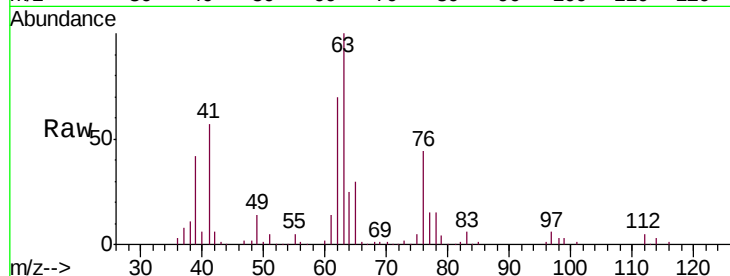
VSTDIC100

Tgt Ion: 63 Resp: 95427

Ion Ratio Lower Upper

63 100

65 30.0 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) (-)

6.22

50000

40000

30000

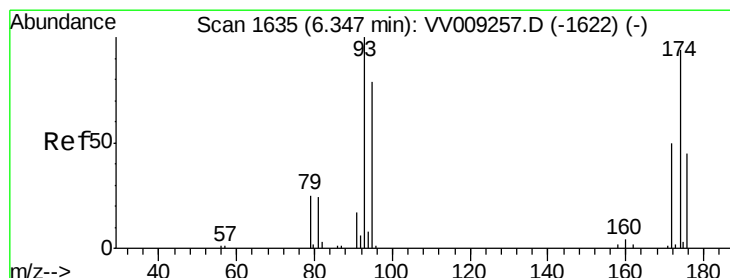
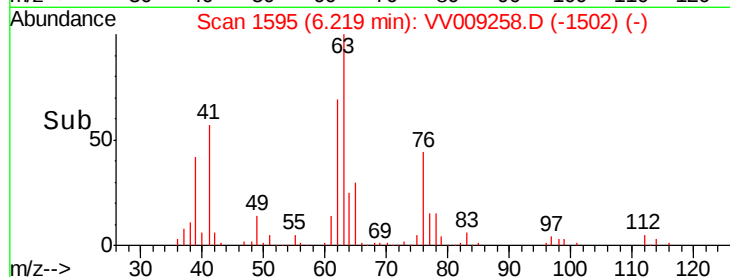
20000

10000

0

6.10 6.20 6.30

Time-->



#46

Dibromomethane

Concen: 111.649 ug/l

RT: 6.35 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

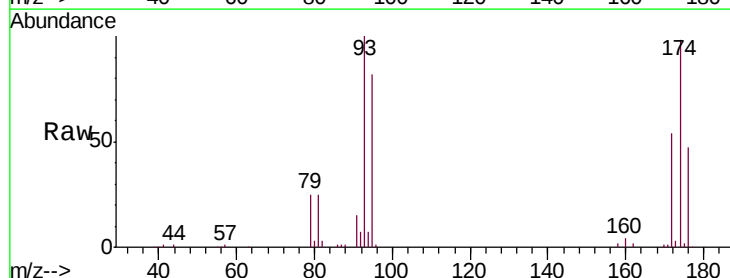
Tgt Ion: 93 Resp: 56454

Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

174 97.5 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) (-)

40000

30000

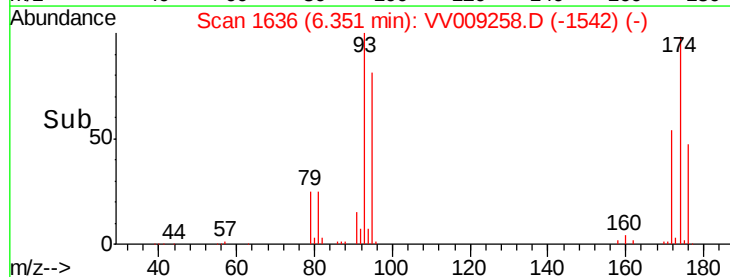
20000

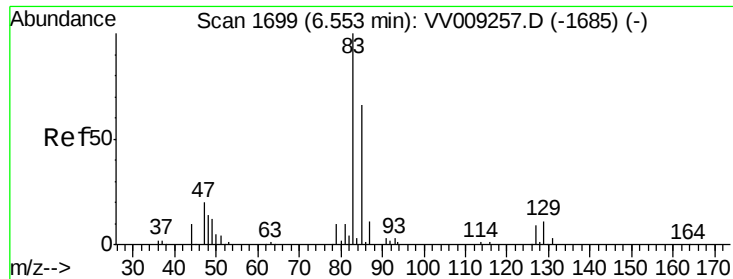
10000

0

6.25 6.30 6.35 6.40 6.45

Time-->





#47

Bromodichloromethane

Concen: 100.001 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

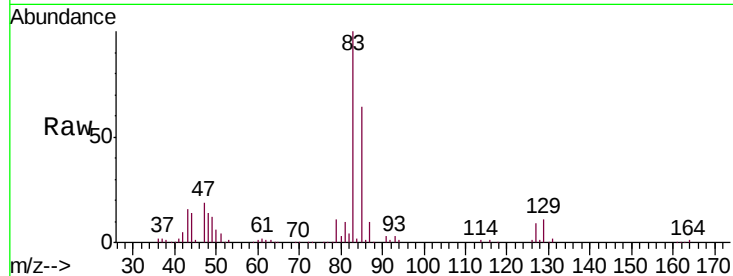
Tgt Ion: 83 Resp: 131284

Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0

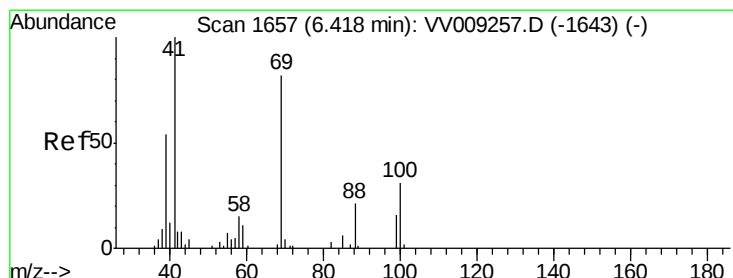
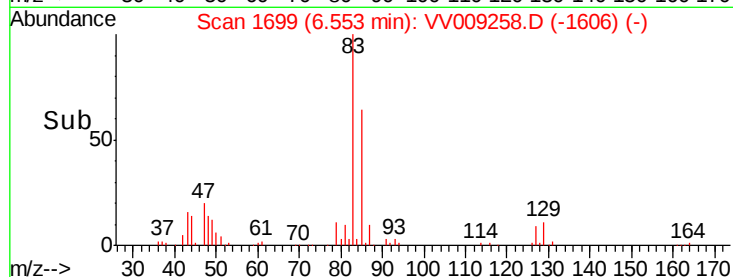
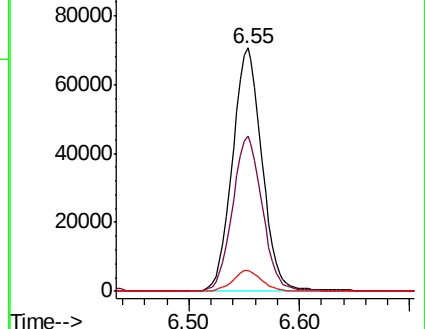
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009257.D (-1685) (-)

Ion 84.90 (84.60 to 85.60): VV009257.D (-1685) (-)

Ion 126.80 (126.50 to 127.50): VV009257.D (-1685) (-)



#48

Methyl methacrylate

Concen: 123.364 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

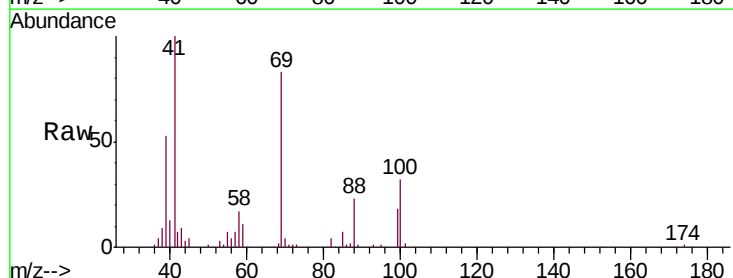
Tgt Ion: 41 Resp: 70870

Ion Ratio Lower Upper

41 100

69 84.9 68.6 103.0

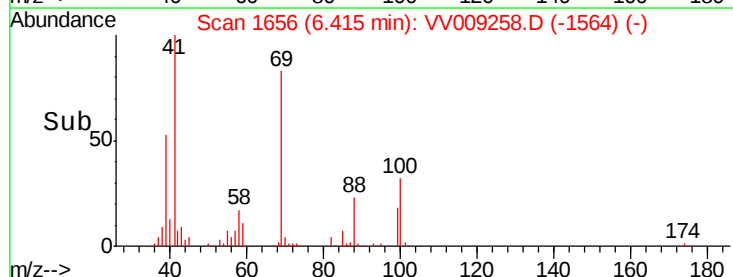
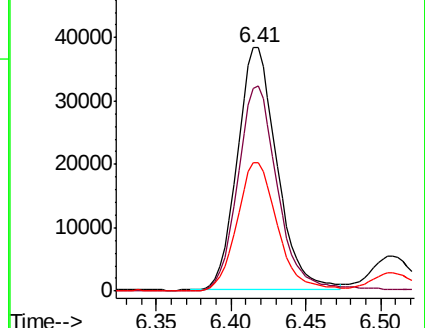
39 54.2 43.2 64.8

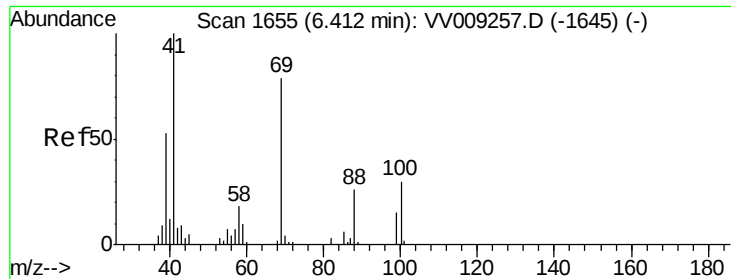


Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-1643) (-)

Ion 69.00 (68.70 to 69.70): VV009257.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VV009257.D (-1643) (-)





#49

1,4-Dioxane

Concen: 2908.223 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

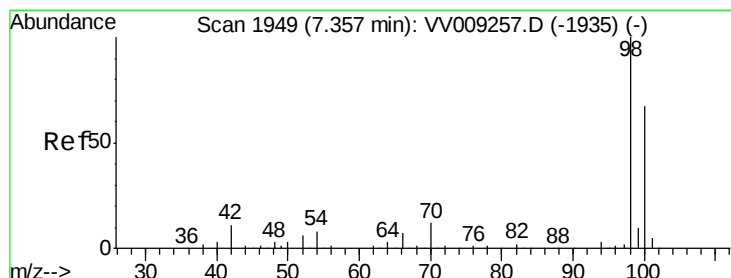
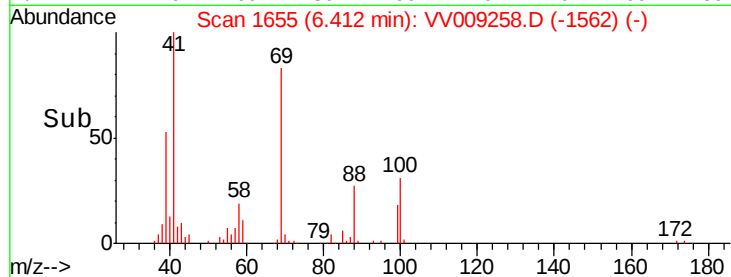
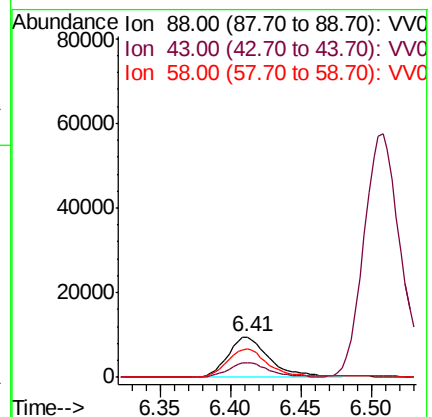
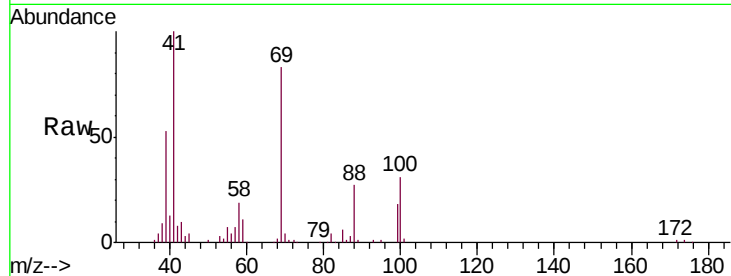
Tgt Ion: 88 Resp: 19708

Ion Ratio Lower Upper

88 100

43 36.0 28.3 42.5

58 70.3 50.0 75.0



#50

Toluene-d8

Concen: 99.735 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009258.D

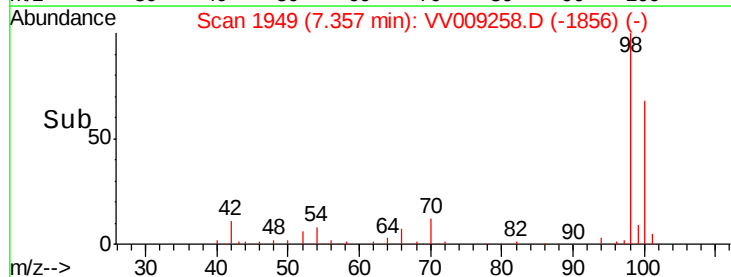
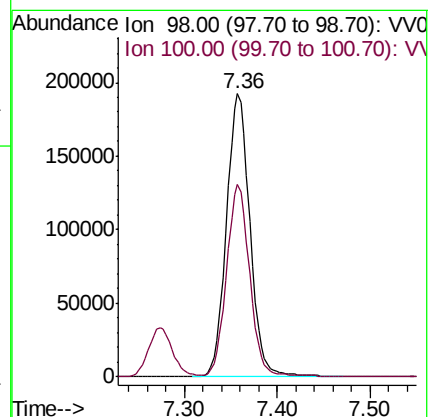
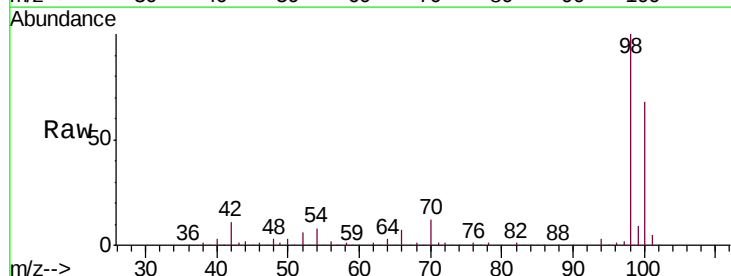
Acq: 24 Jan 2019 14:16

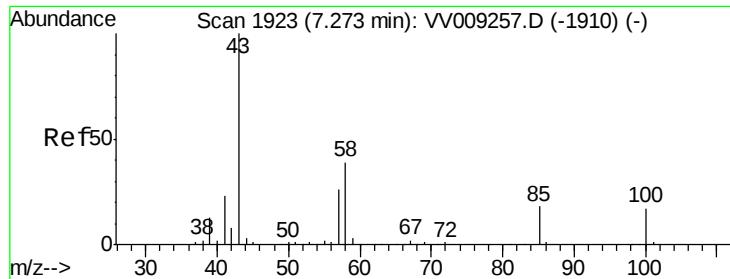
Tgt Ion: 98 Resp: 338910

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 649.591 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

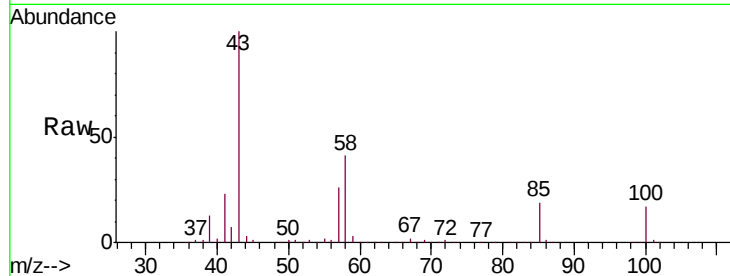
VSTDIC100

Tgt Ion: 43 Resp: 374949

Ion Ratio Lower Upper

43 100

58 39.7 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

200000

150000

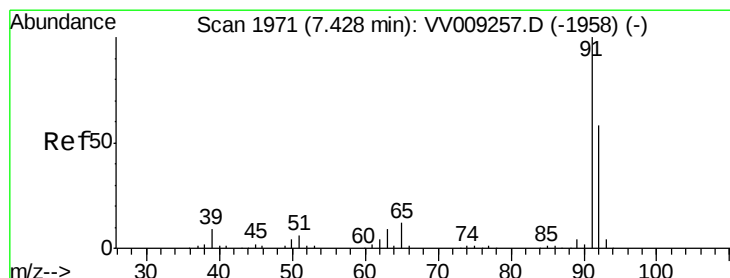
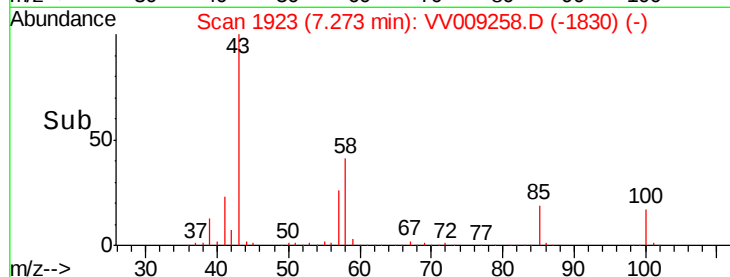
100000

50000

0

7.20 7.30 7.40

Time-->



#52

Toluene

Concen: 98.819 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009258.D

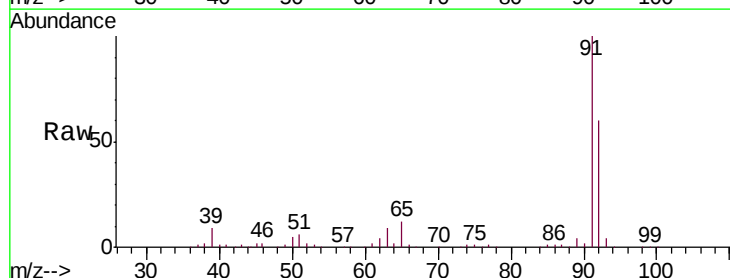
Acq: 24 Jan 2019 14:16

Tgt Ion: 92 Resp: 250953

Ion Ratio Lower Upper

92 100

91 168.1 137.2 205.8



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

250000

200000

150000

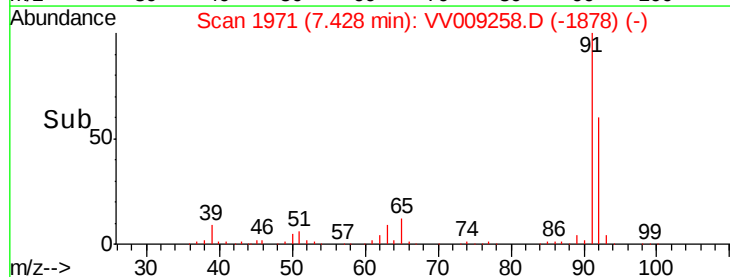
100000

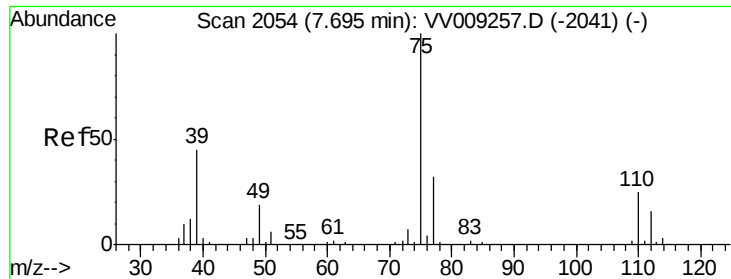
50000

0

7.30 7.40 7.50 7.60

Time-->

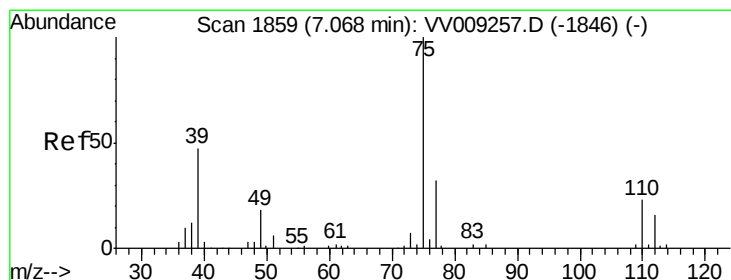
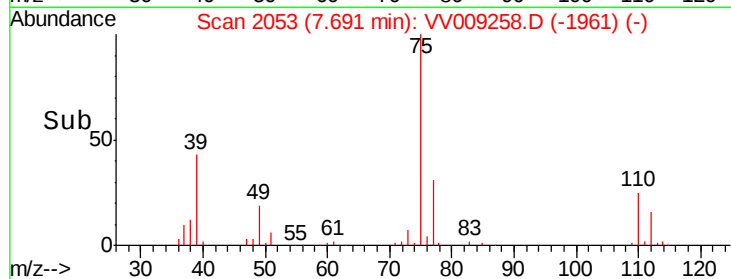
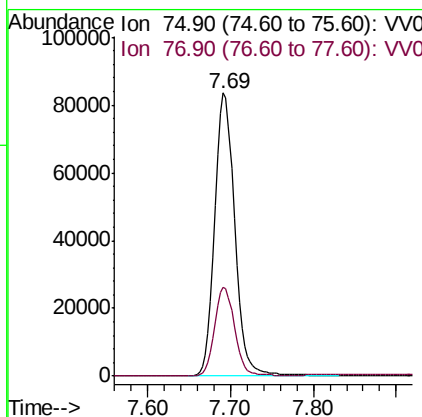
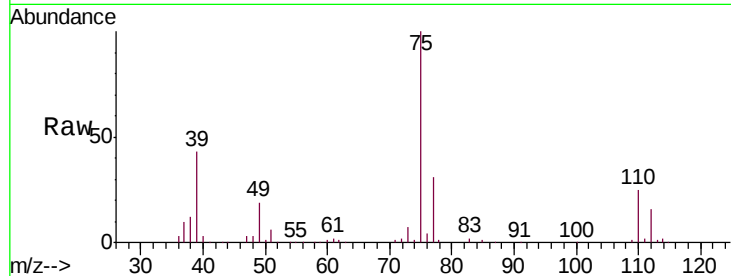




#53
 t-1,3-Dichloropropene
 Concen: 109.908 ug/l
 RT: 7.69 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

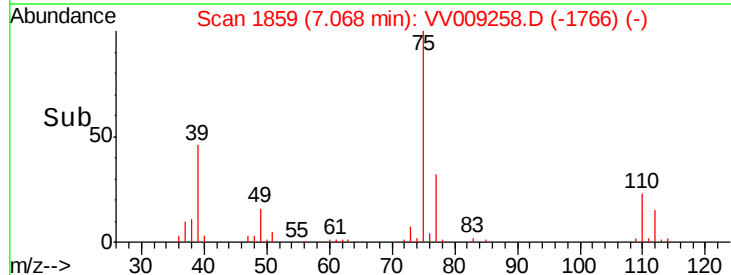
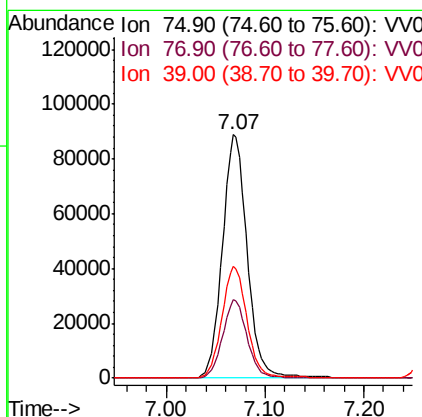
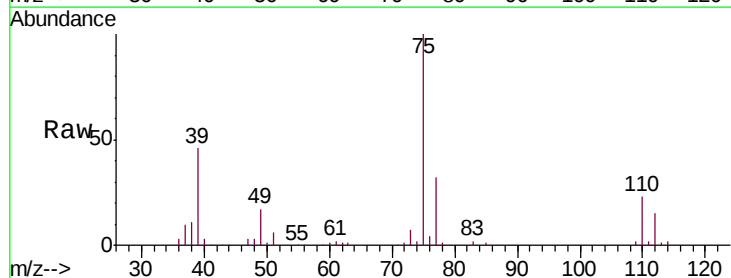
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

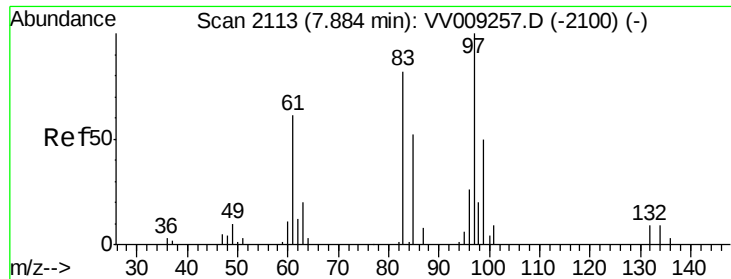
Tgt Ion: 75 Resp: 141449
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 106.392 ug/l
 RT: 7.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 156962
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 45.8 38.0 57.0

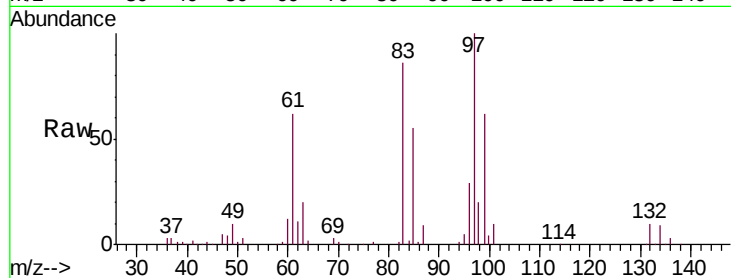




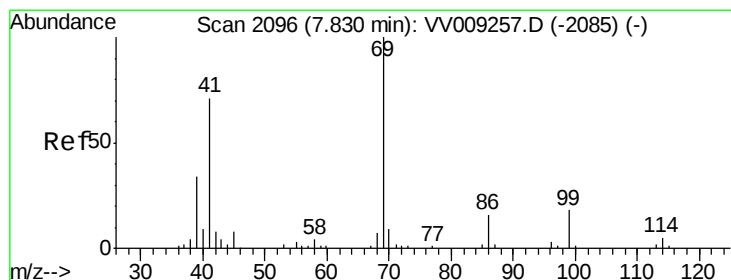
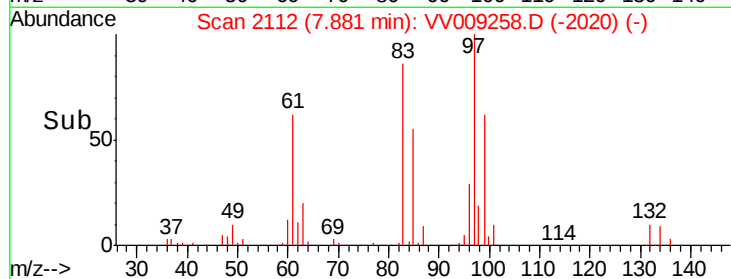
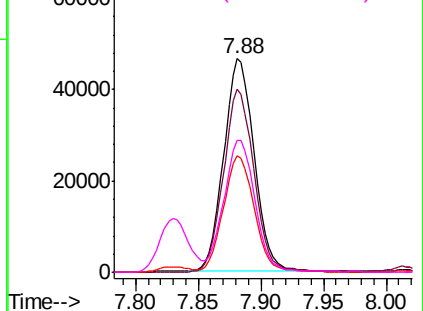
#55
 1,1,2-Trichloroethane
 Concen: 109.254 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	78356
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.6	98.4
85	54.7	41.8	62.8
99	61.6	49.8	74.8

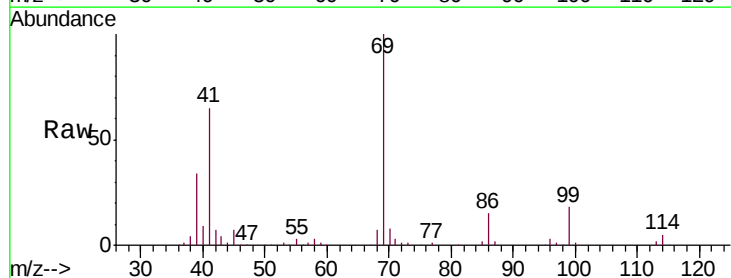


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

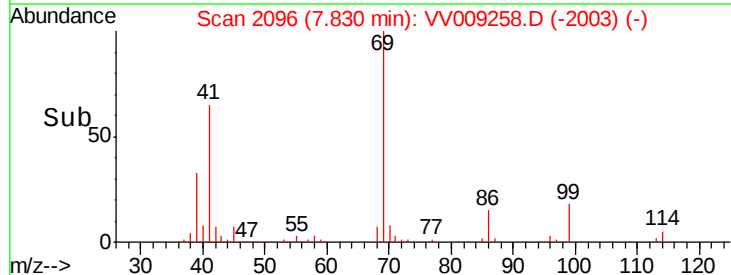
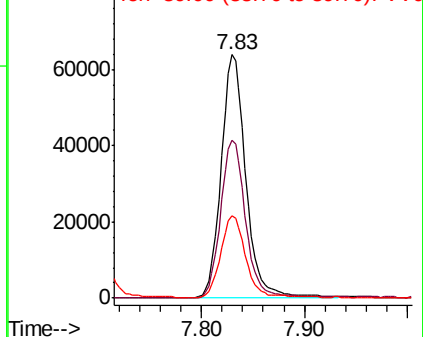


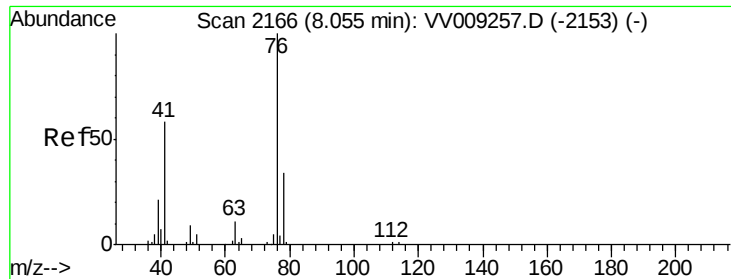
#56
 Ethyl methacrylate
 Concen: 128.024 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion:	69	Resp:	106767
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.6	81.8
39	33.5	27.0	40.4



Abundance Ion 69.00 (68.70 to 69.70): VV0
 Ion 41.00 (40.70 to 41.70): VV0
 Ion 39.00 (38.70 to 39.70): VV0





#57

1,3-Dichloropropane

Concen: 108.511 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

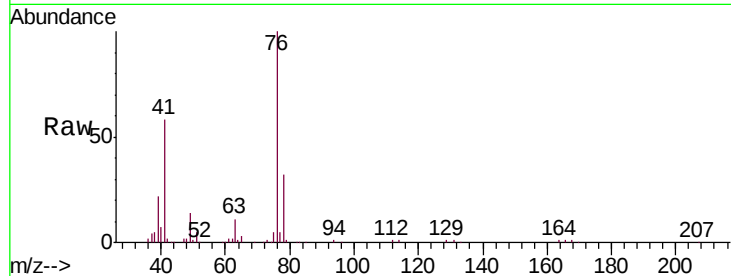
VSTDIC100

Tgt Ion: 76 Resp: 139329

Ion Ratio Lower Upper

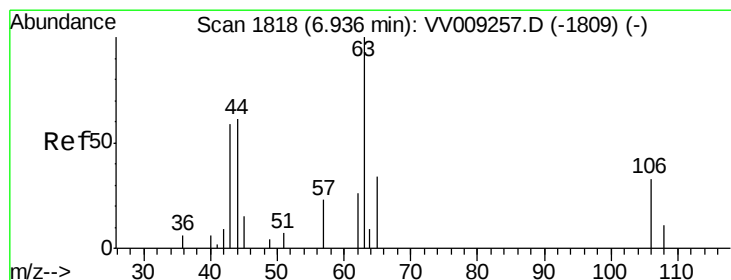
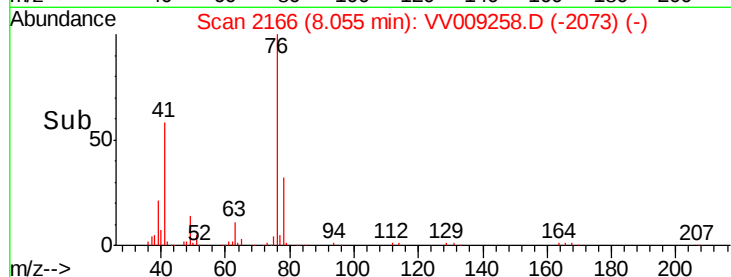
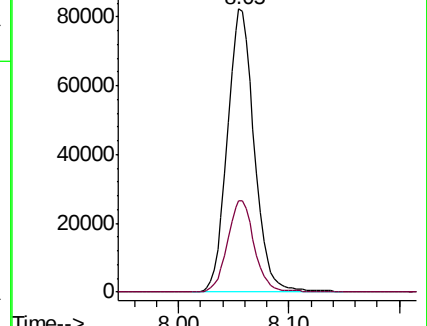
76 100

78 32.3 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#58

2-Chloroethyl Vinyl ether

Concen: 1180.591 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VV009258.D

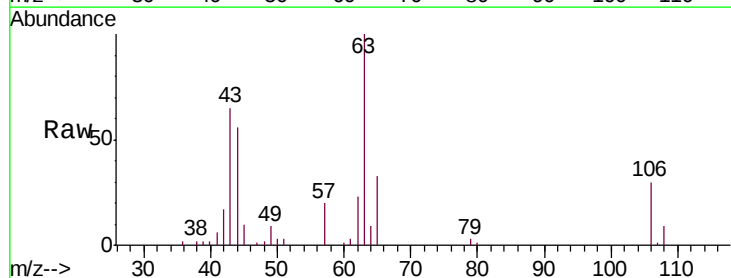
Acq: 24 Jan 2019 14:16

Tgt Ion: 63 Resp: 16383

Ion Ratio Lower Upper

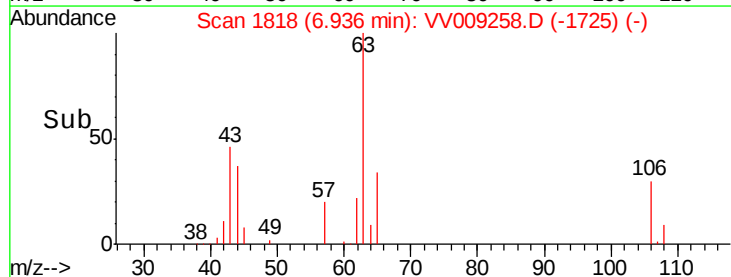
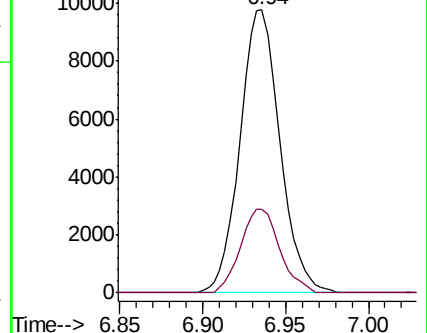
63 100

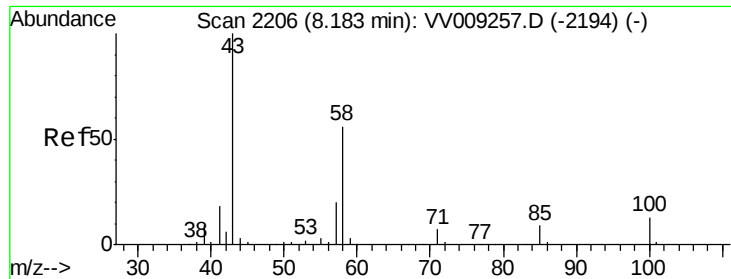
106 29.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 105.90 (105.60 to 106.60): V

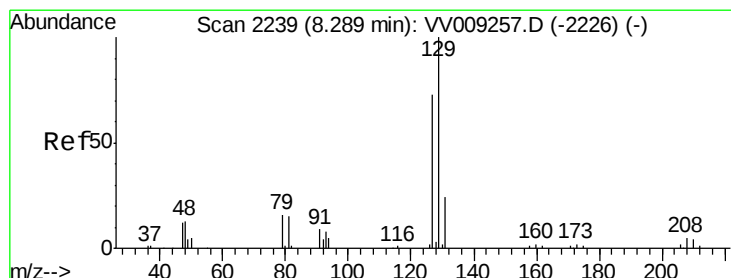
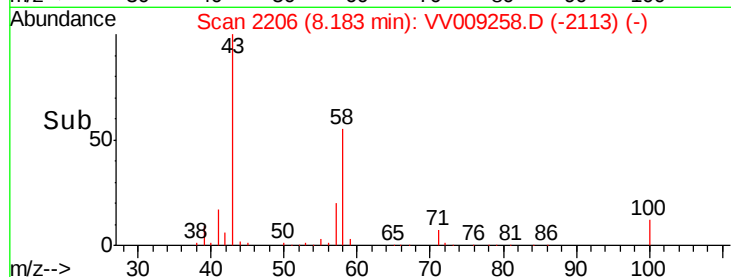
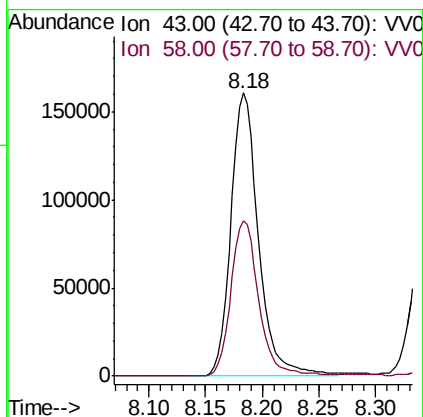
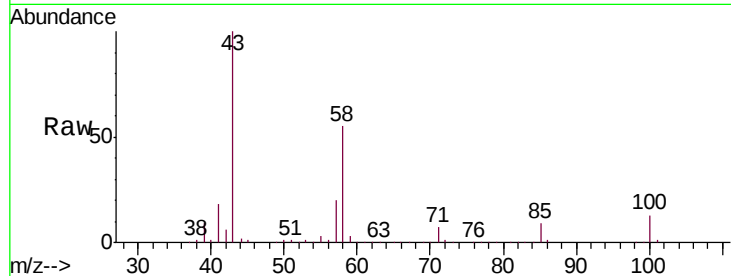




#59
2-Hexanone
Concen: 656.642 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

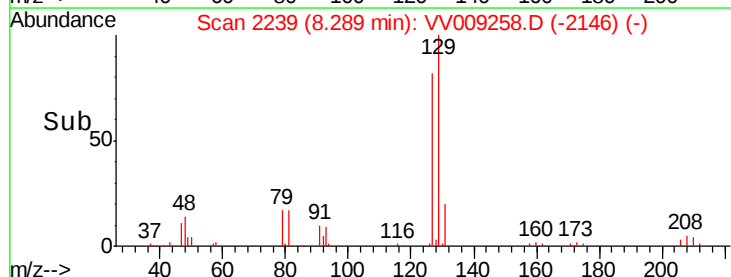
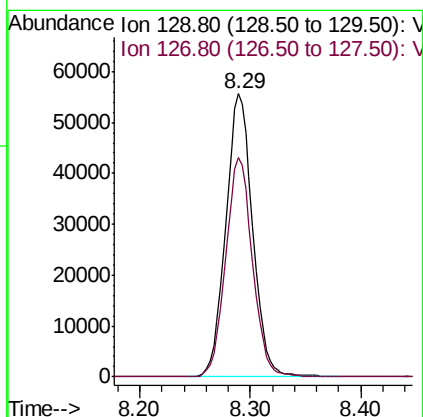
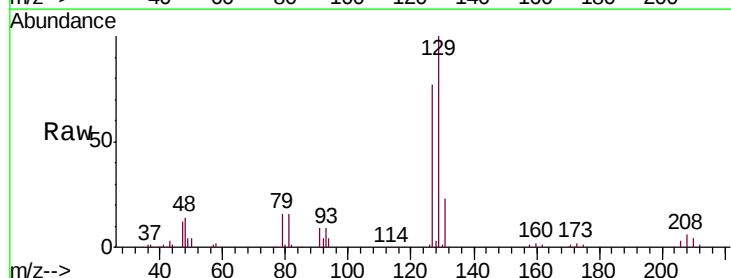
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

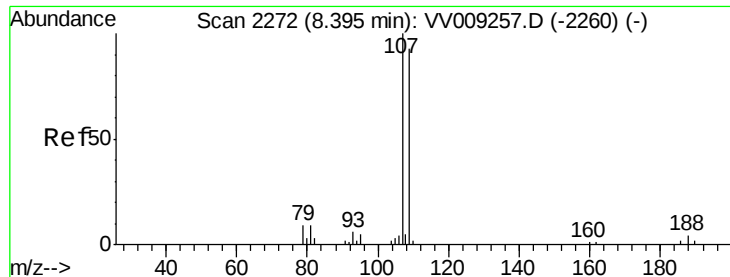
Tgt Ion: 43 Resp: 272853
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.7



#60
Dibromochloromethane
Concen: 112.771 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 129 Resp: 93908
Ion Ratio Lower Upper
129 100
127 77.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 117.126 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

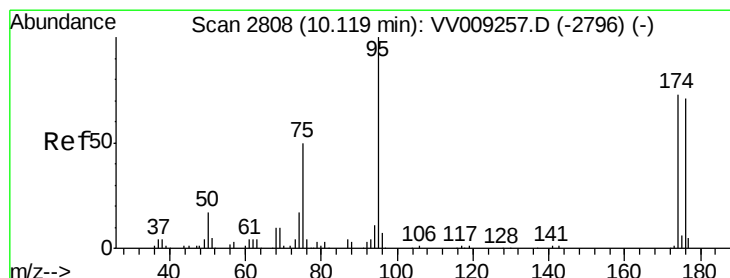
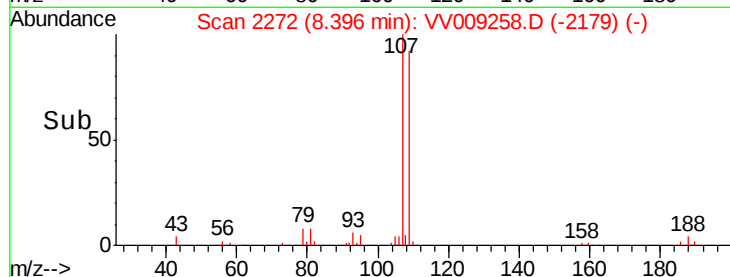
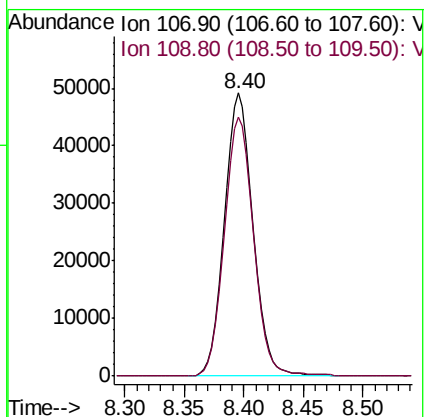
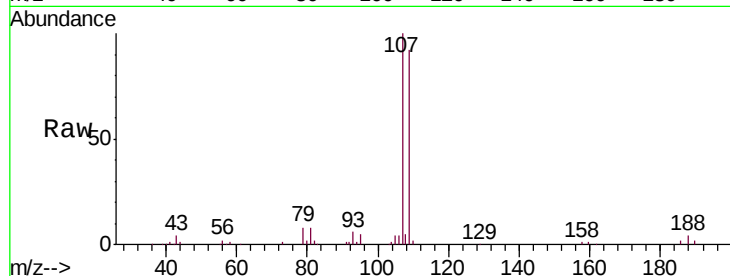
VSTDIC100

Tgt Ion: 107 Resp: 82041

Ion Ratio Lower Upper

107 100

109 93.7 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 99.927 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

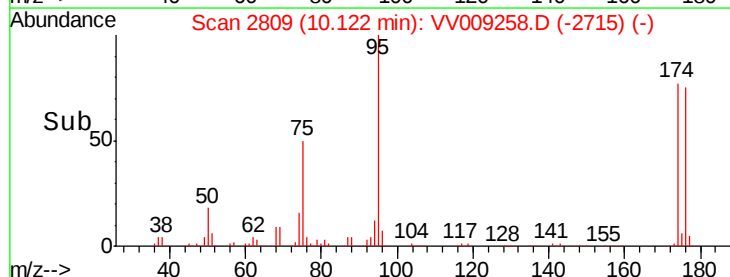
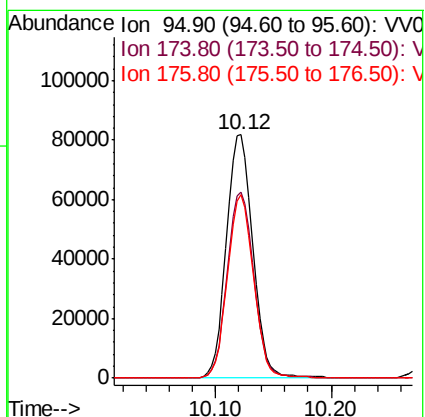
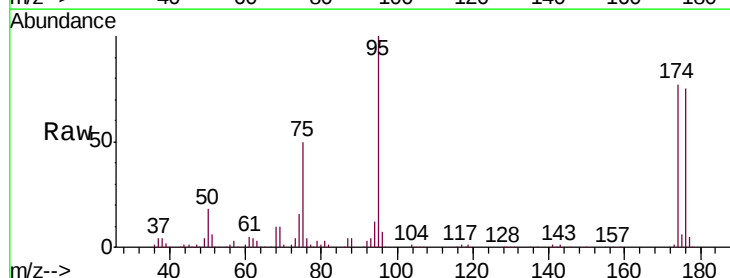
Tgt Ion: 95 Resp: 128992

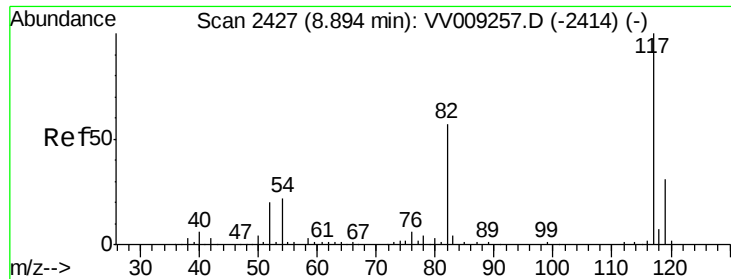
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.0

176 74.3 0.0 144.0

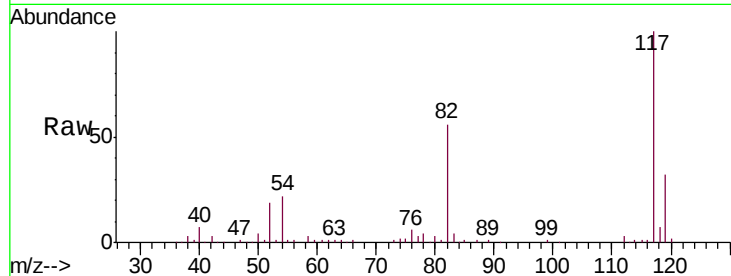




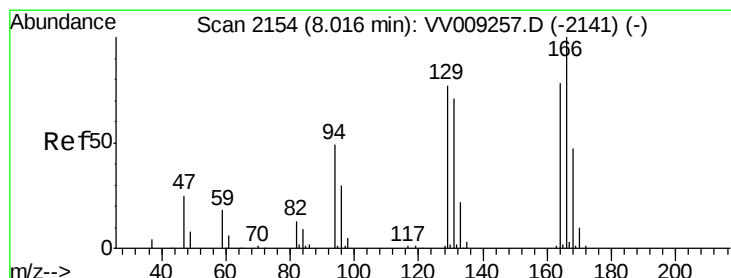
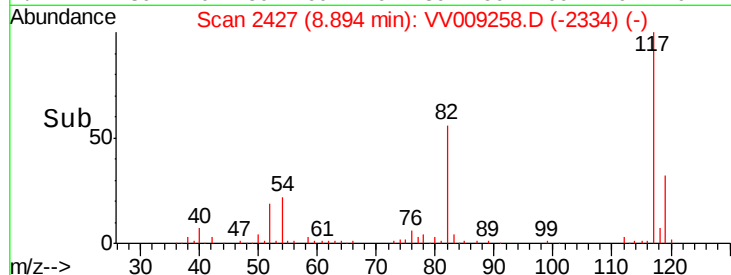
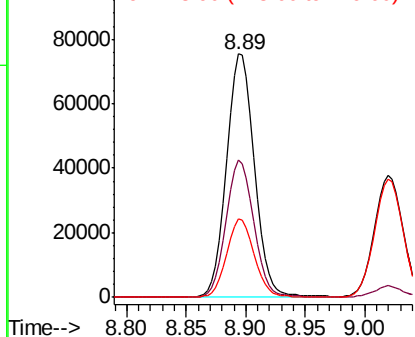
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 123263
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.6
119 32.1 24.8 37.2



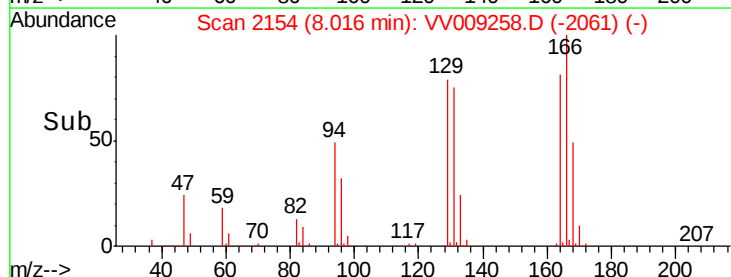
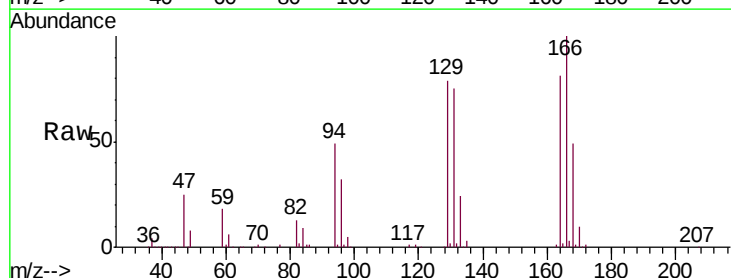
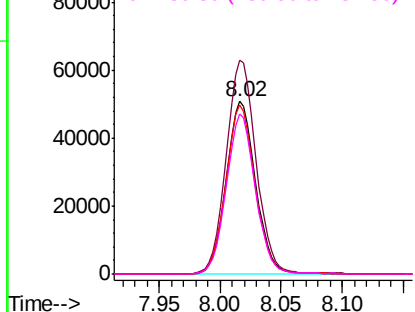
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

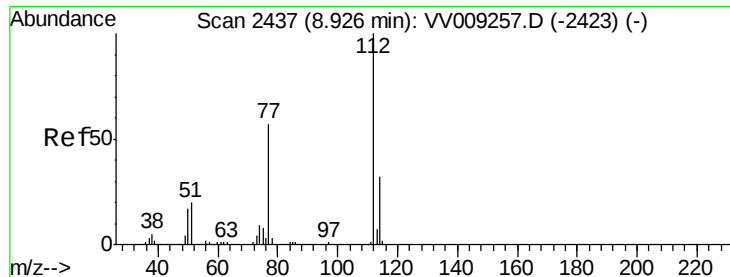


#64
Tetrachloroethene
Concen: 100.316 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion:164 Resp: 85891
Ion Ratio Lower Upper
164 100
166 123.8 102.3 153.5
129 97.7 78.6 117.8
131 92.6 73.1 109.7

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

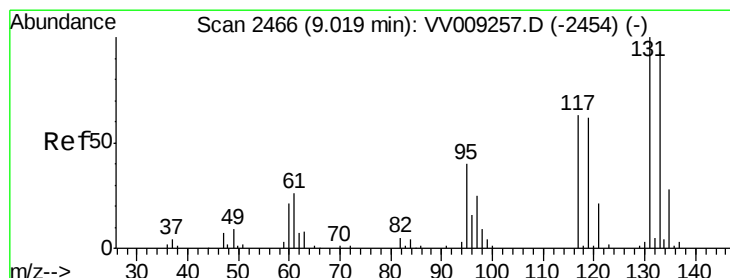
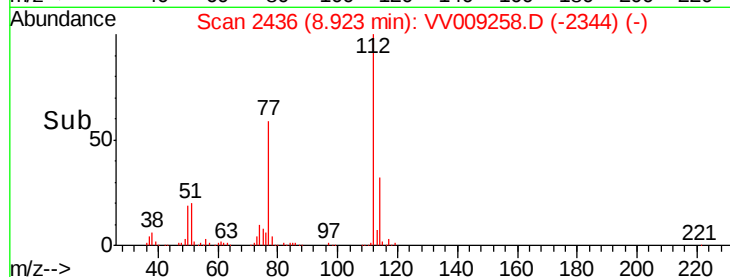
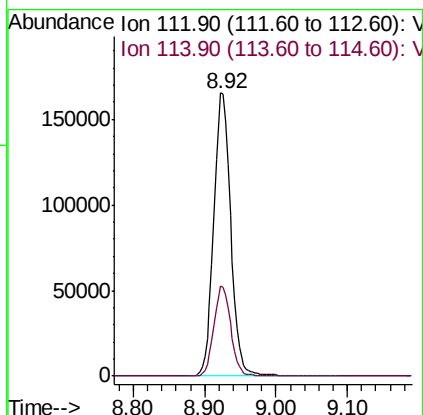
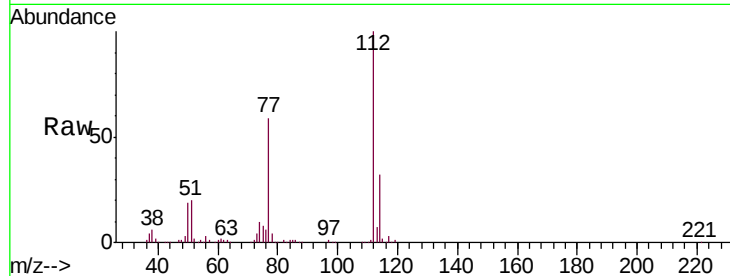




#65
Chlorobenzene
Concen: 97.888 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

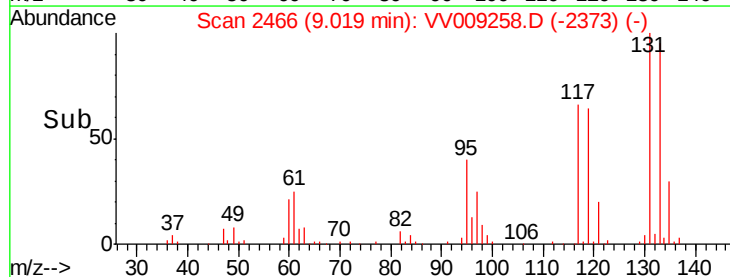
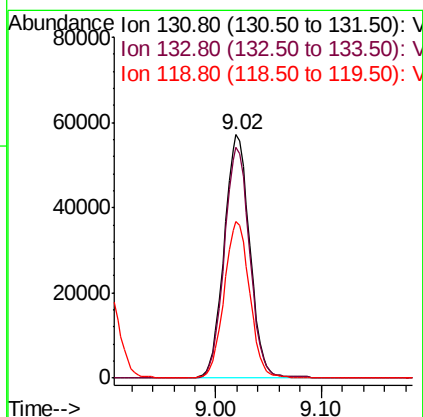
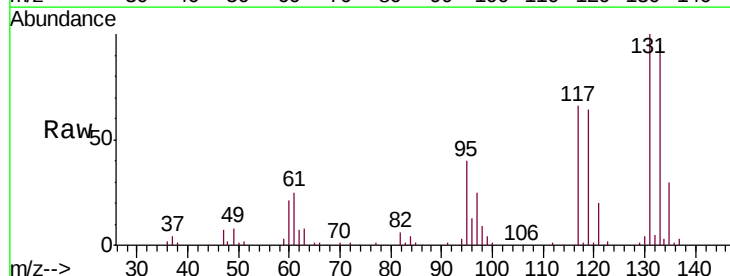
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

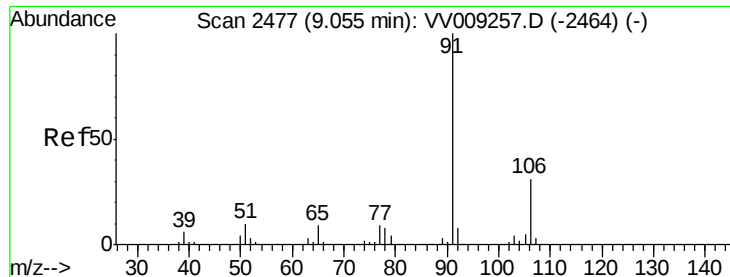
Tgt Ion:112 Resp: 274592
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.053 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion:131 Resp: 95893
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 64.2 32.4 97.2





#67

Ethyl Benzene

Concen: 96.538 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

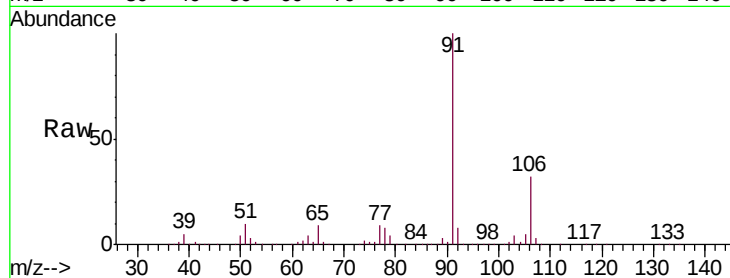
VSTDIC100

Tgt Ion: 91 Resp: 478599

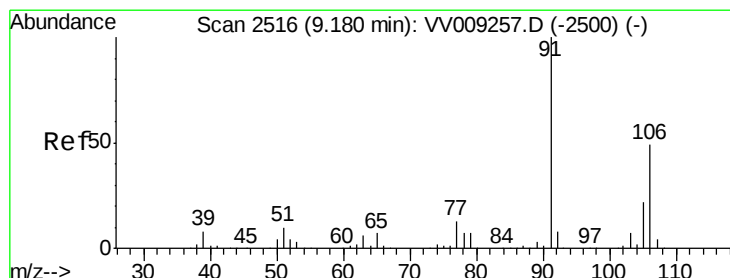
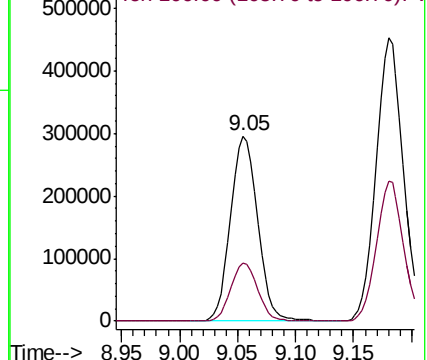
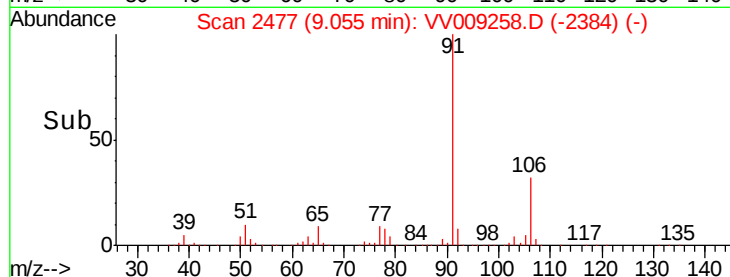
Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV009258.D (-2384) (-)



#68

m/p-Xylenes

Concen: 195.730 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009258.D

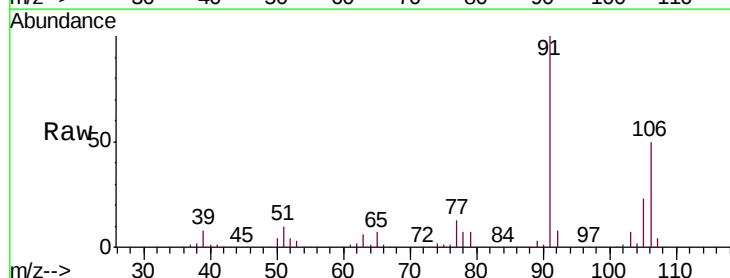
Acq: 24 Jan 2019 14:16

Tgt Ion: 106 Resp: 369554

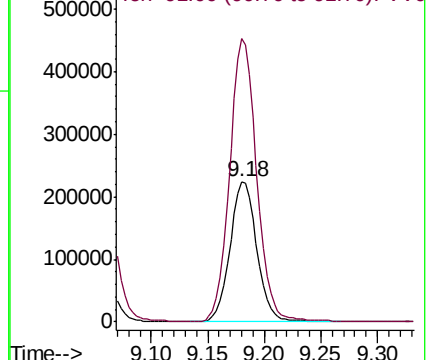
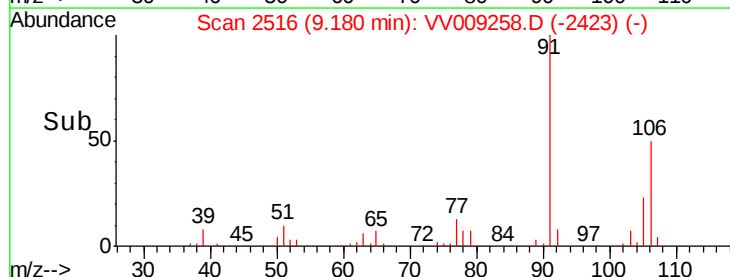
Ion Ratio Lower Upper

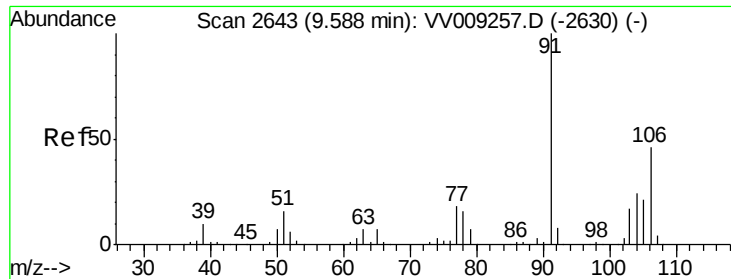
106 100

91 203.5 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VV009258.D (-2423) (-)

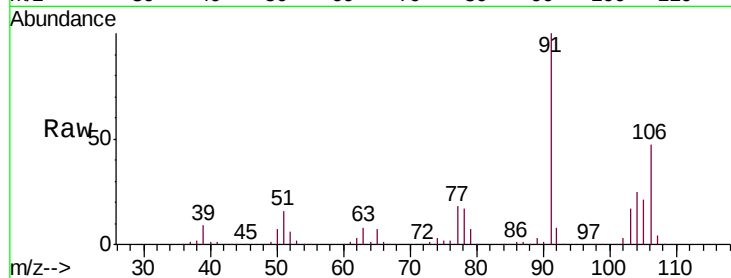




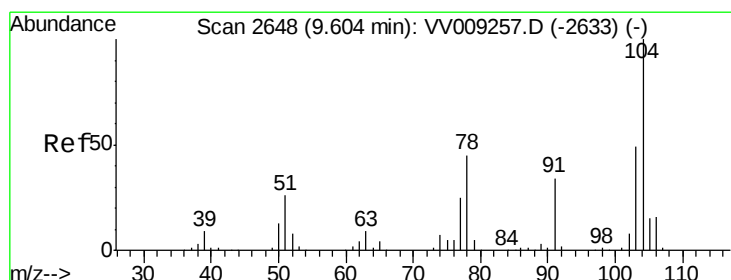
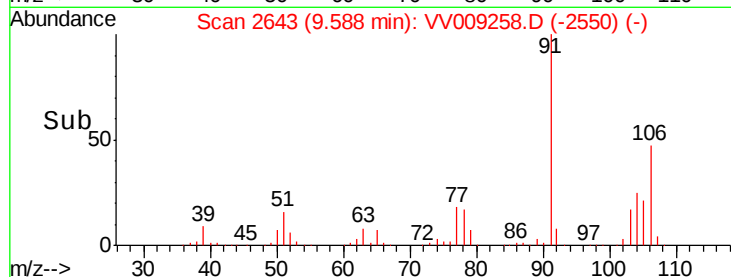
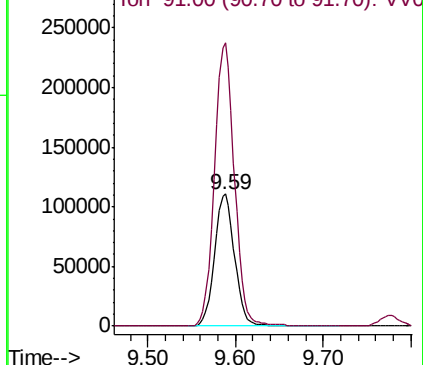
#69
o-Xylene
Concen: 100.694 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 176069
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.9

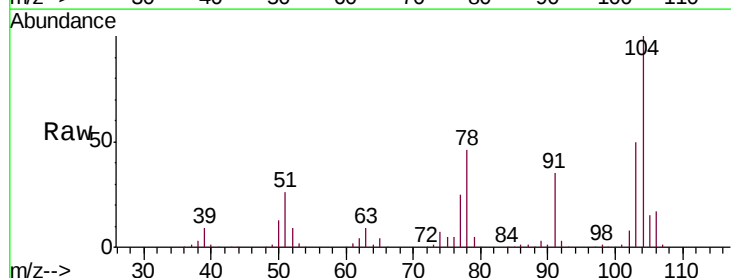


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

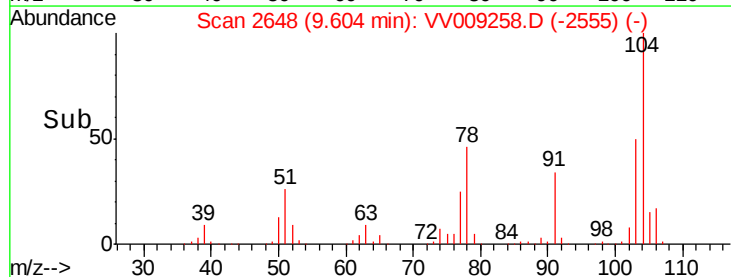
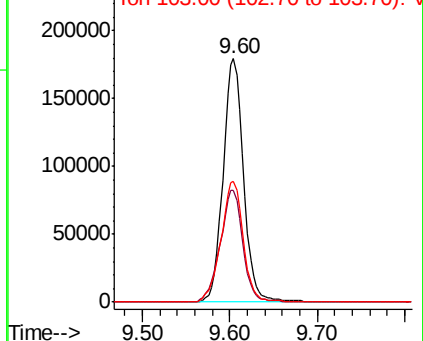


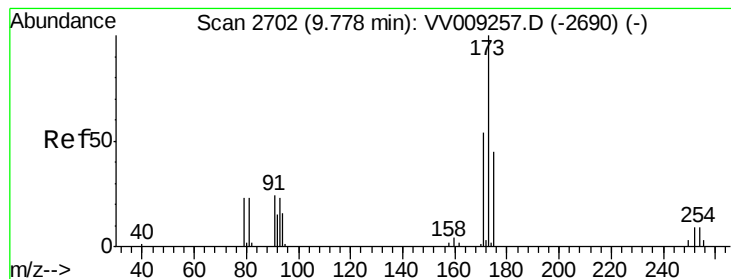
#70
Styrene
Concen: 104.032 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion:104 Resp: 291845
Ion Ratio Lower Upper
104 100
78 50.8 40.6 60.8
103 54.2 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: 124.292 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

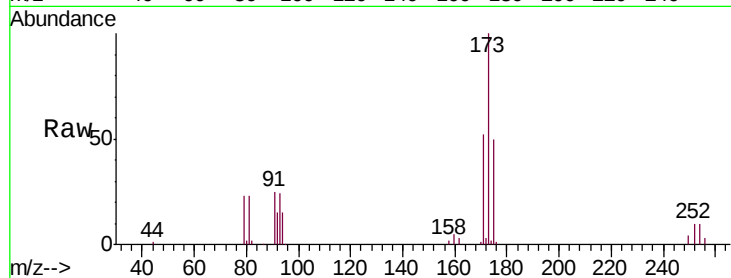
Tgt Ion:173 Resp: 57315

Ion Ratio Lower Upper

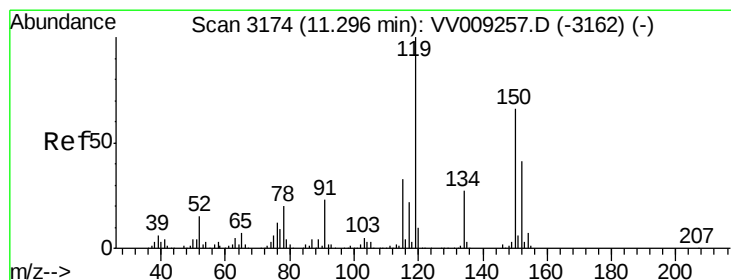
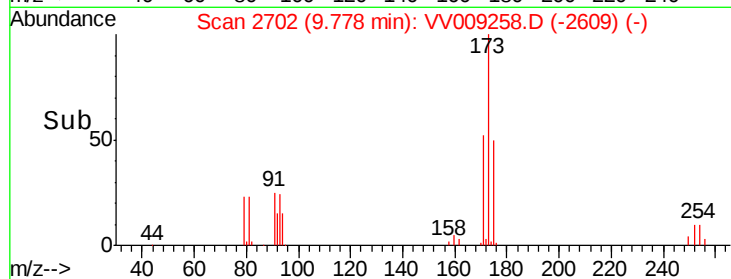
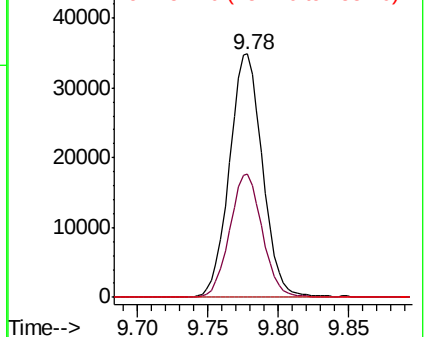
173 100

175 49.7 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: VV009258.D

Acq: 24 Jan 2019 14:16

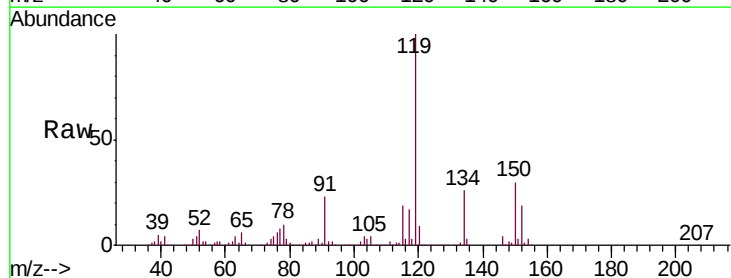
Tgt Ion:152 Resp: 65719

Ion Ratio Lower Upper

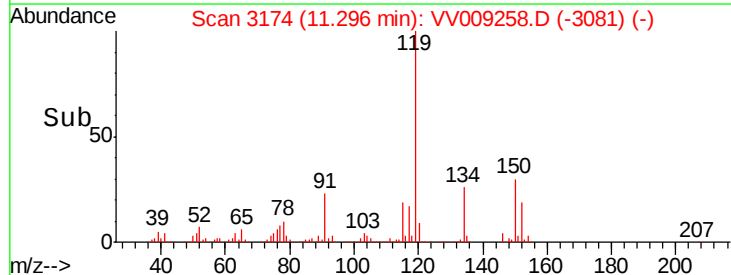
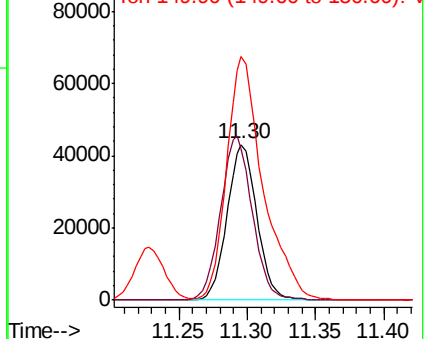
152 100

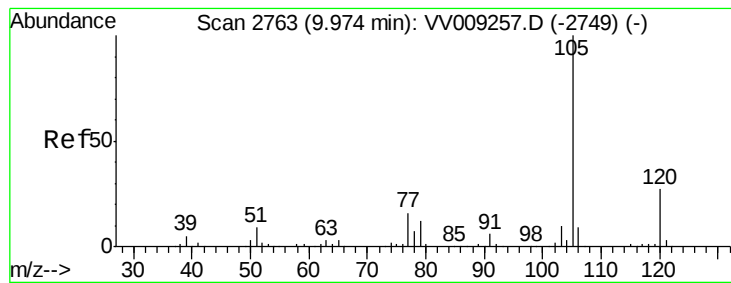
115 111.6 43.0 128.8

150 190.7 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: 92.459 ug/l

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

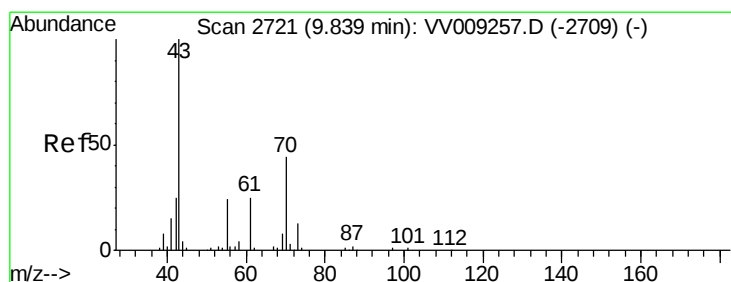
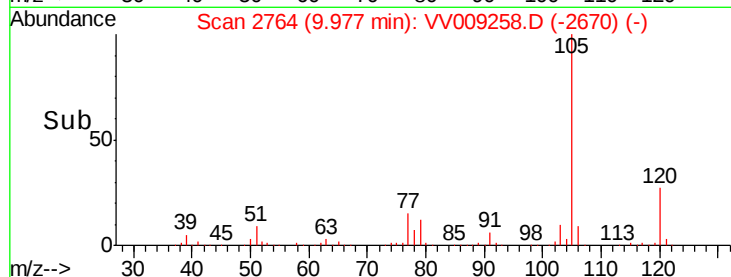
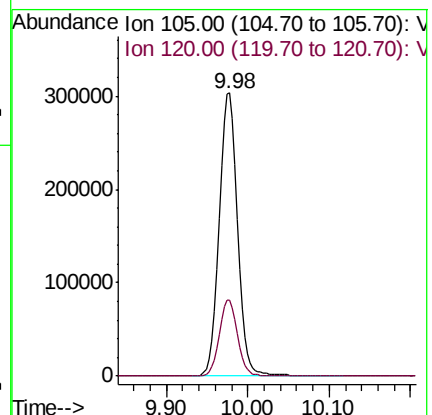
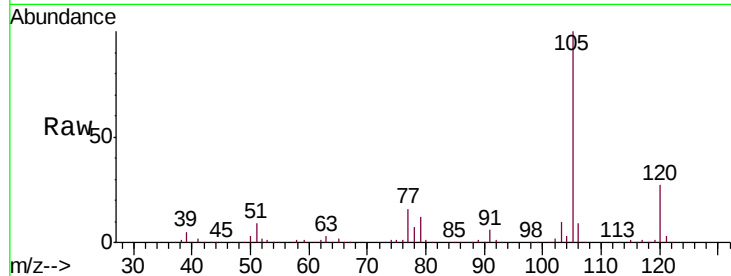
VSTDIC100

Tgt Ion: 105 Resp: 486131

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#74

N-ethyl acetate

Concen: 123.896 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Tgt Ion: 43 Resp: 125150

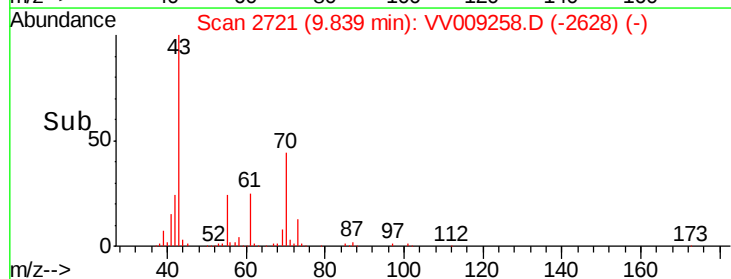
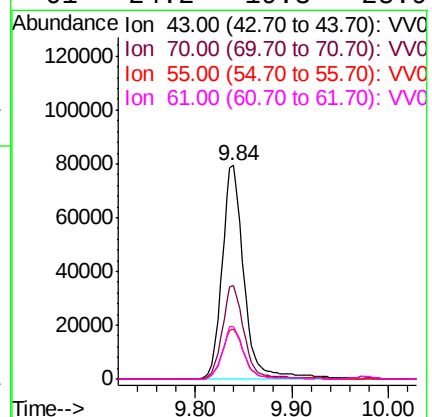
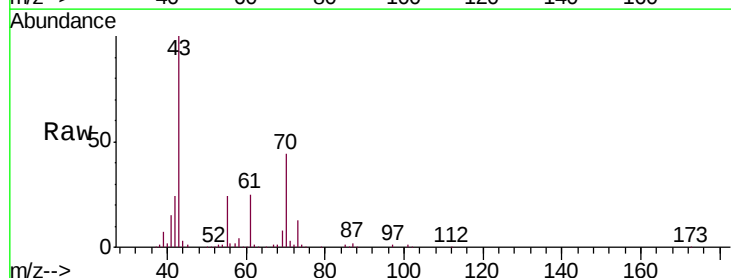
Ion Ratio Lower Upper

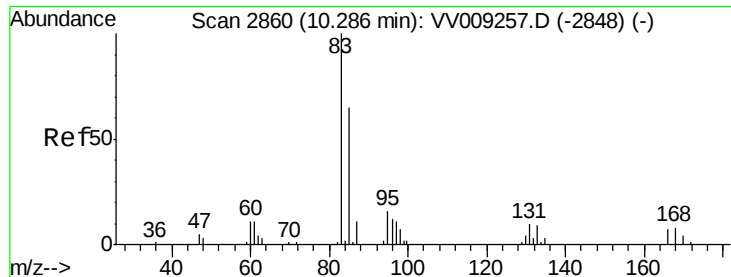
43 100

70 44.1 35.4 53.0

55 24.1 20.4 30.6

61 24.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 113.014 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

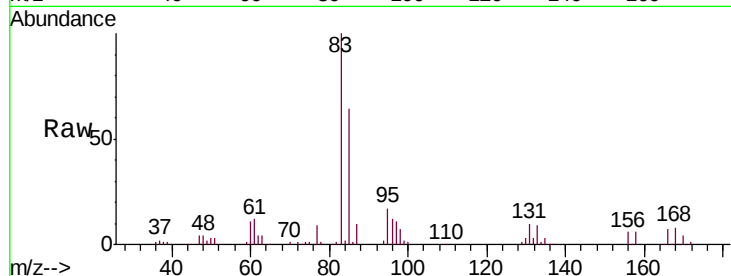
Tgt Ion: 83 Resp: 104233

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

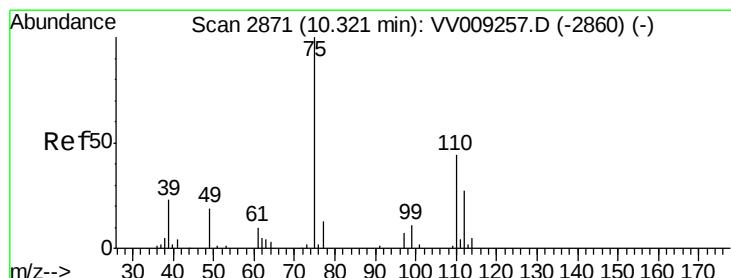
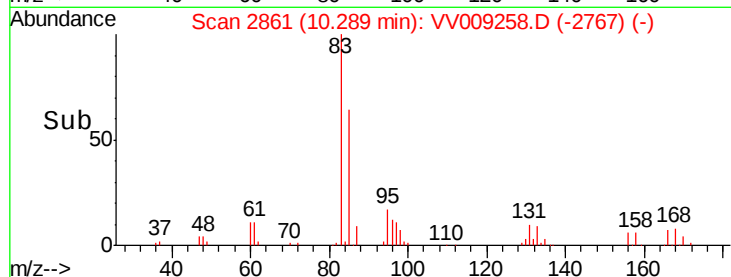
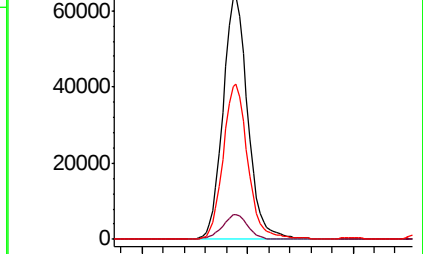
85 63.6 32.4 97.2



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: 108.201 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009258.D

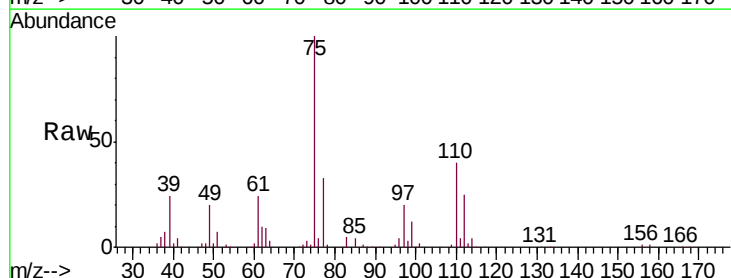
Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 78027

Ion Ratio Lower Upper

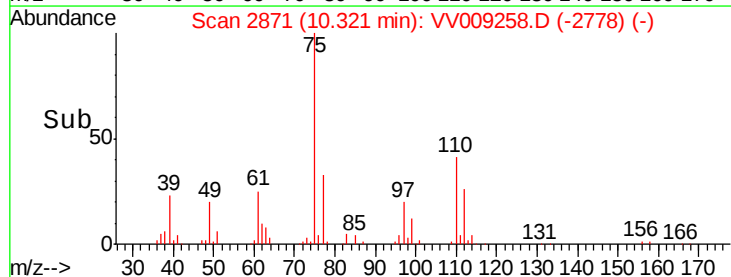
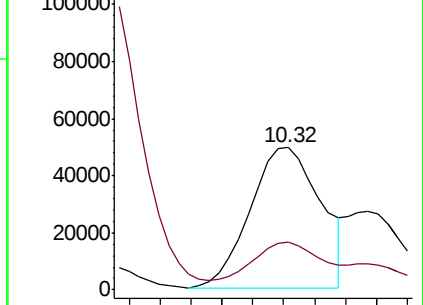
75 100

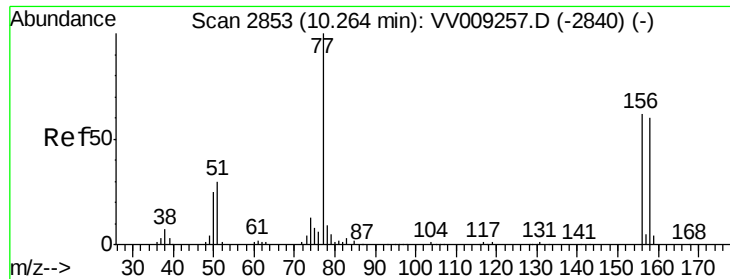
77 25.5 6.2 18.4#



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: 98.025 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

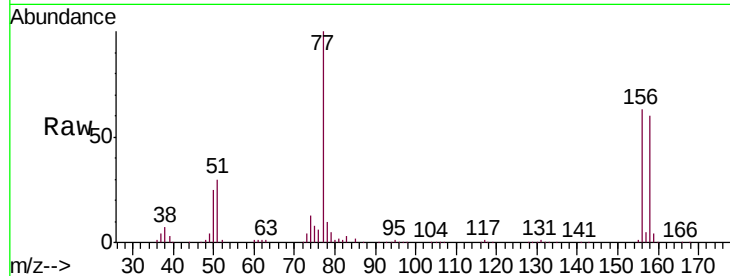
Tgt Ion:156 Resp: 112093

Ion Ratio Lower Upper

156 100

77 161.1 81.7 244.9

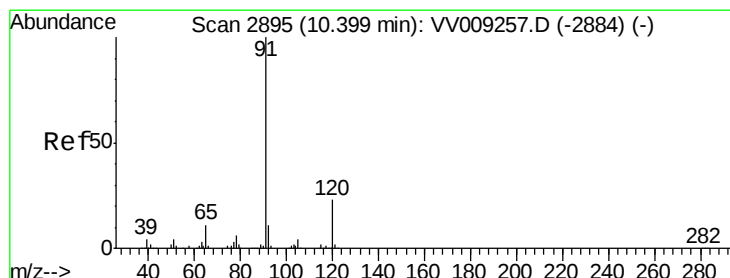
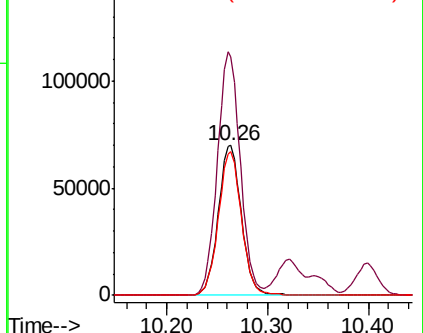
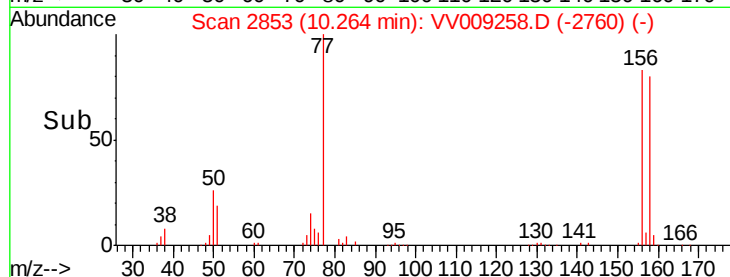
158 95.9 48.4 145.0



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: 91.490 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009258.D

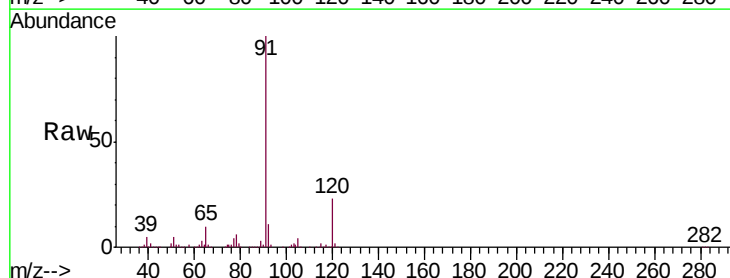
Acq: 24 Jan 2019 14:16

Tgt Ion: 91 Resp: 570789

Ion Ratio Lower Upper

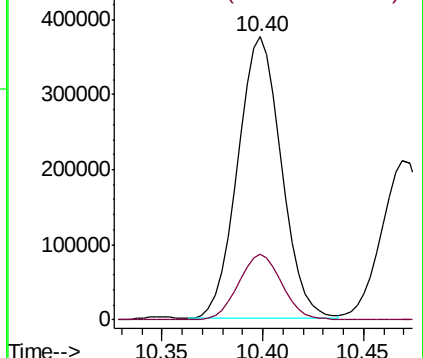
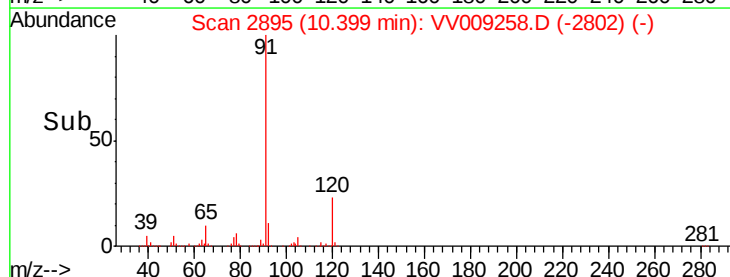
91 100

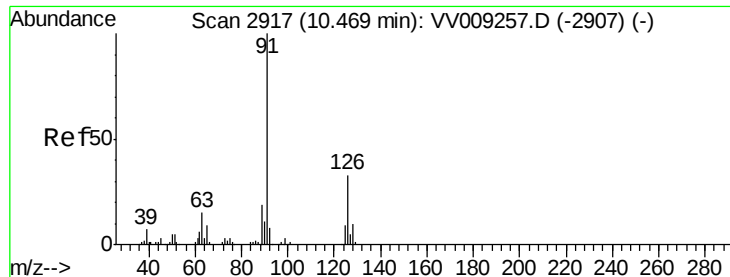
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

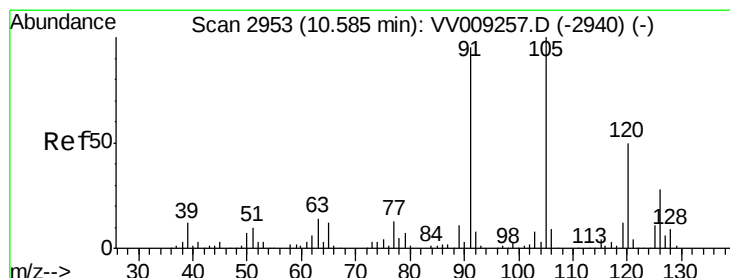
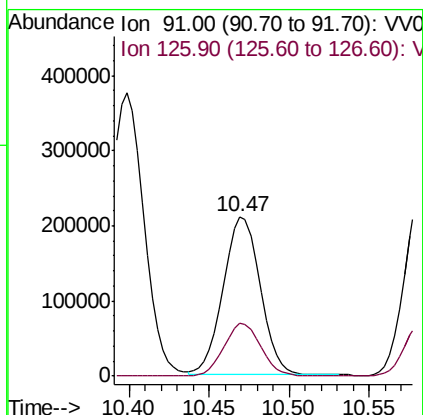
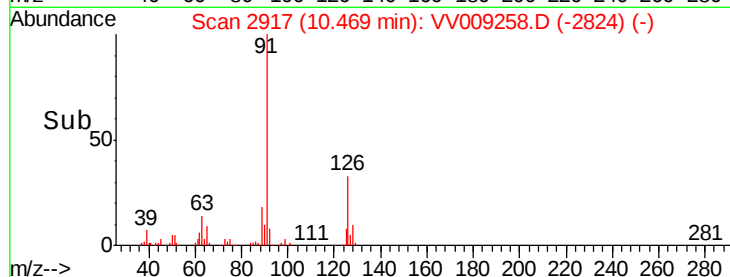
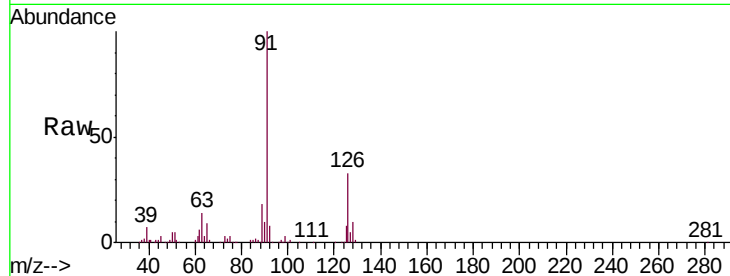




#79
 2-Chlorotoluene
 Concen: 88.476 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

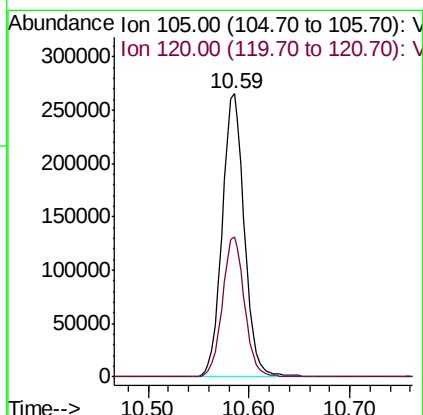
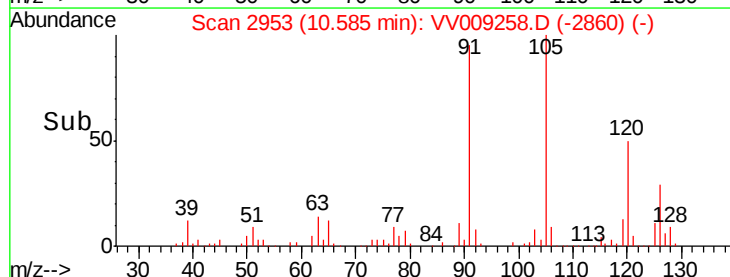
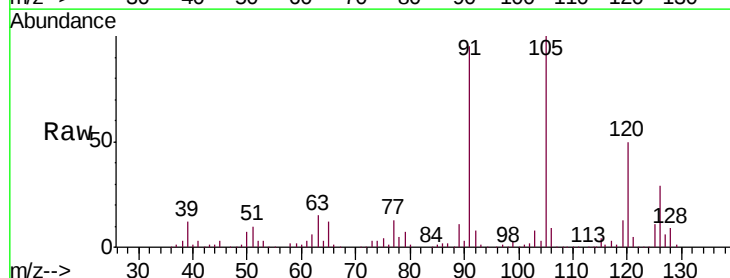
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

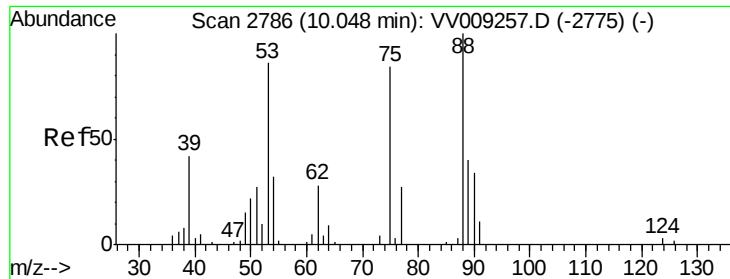
Tgt Ion: 91 Resp: 333170
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 92.366 ug/l
 RT: 10.59 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 105 Resp: 407592
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 128.210 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

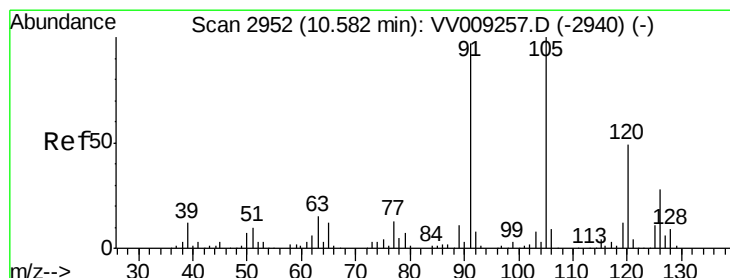
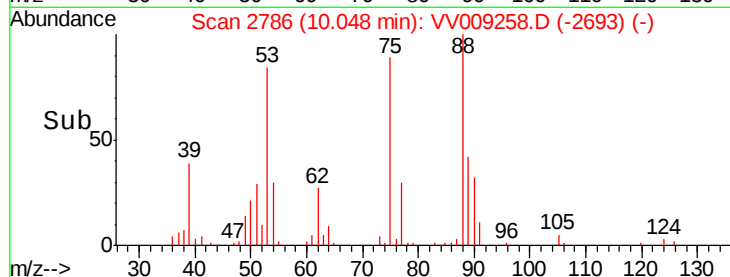
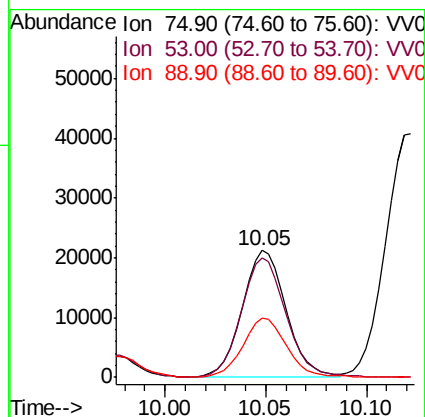
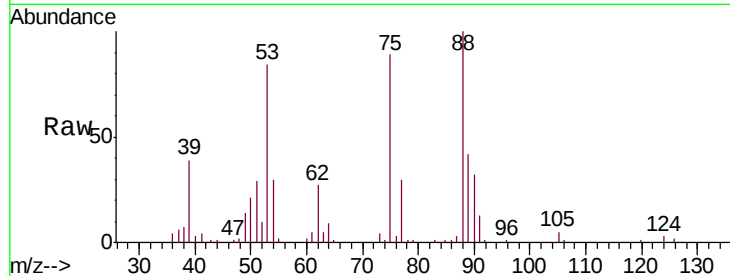
Tgt Ion: 75 Resp: 32587

Ion Ratio Lower Upper

75 100

53 94.5 80.2 120.2

89 46.4 36.8 55.2



#82

4-Chlorotoluene

Concen: 89.575 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009258.D

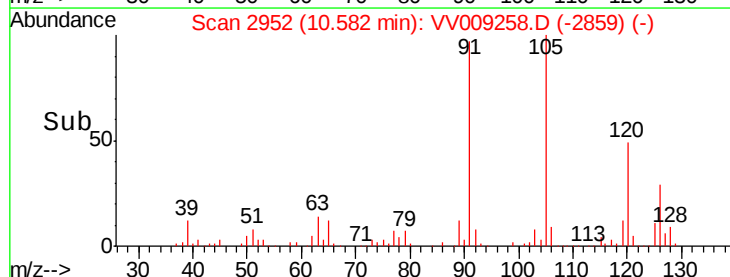
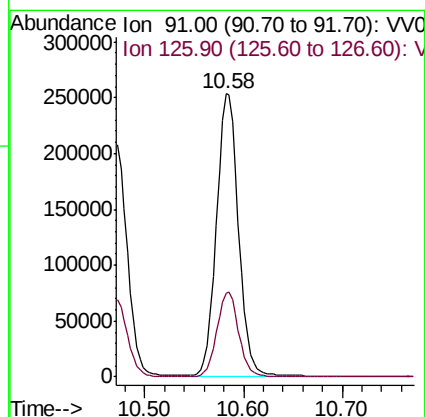
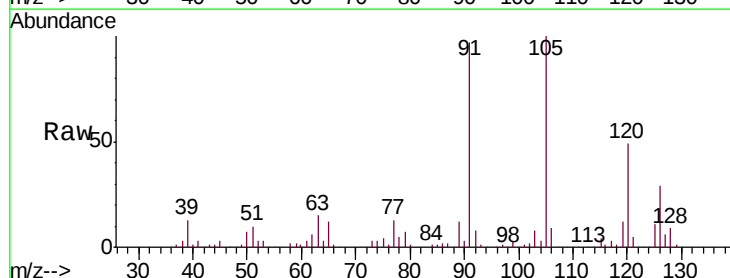
Acq: 24 Jan 2019 14:16

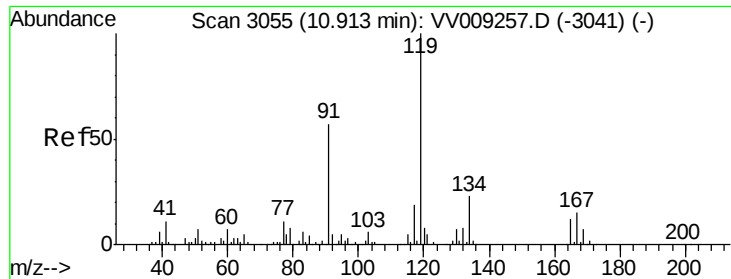
Tgt Ion: 91 Resp: 398406

Ion Ratio Lower Upper

91 100

126 29.8 14.6 44.0

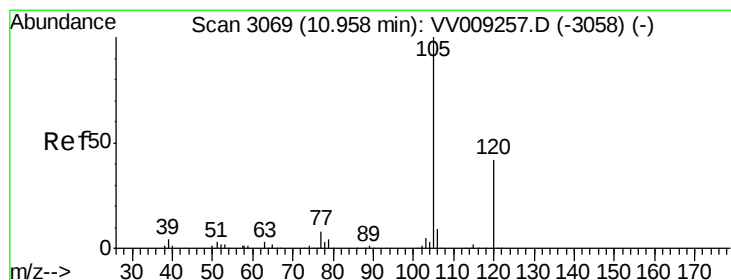
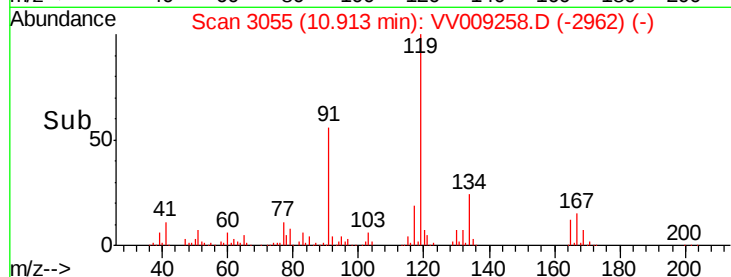
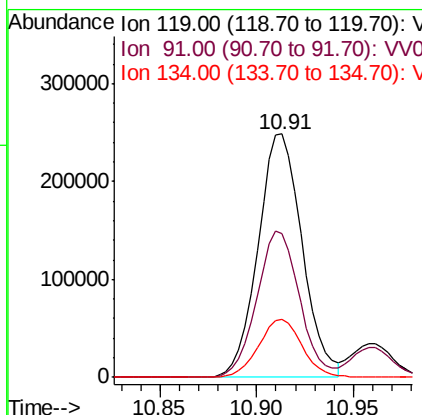
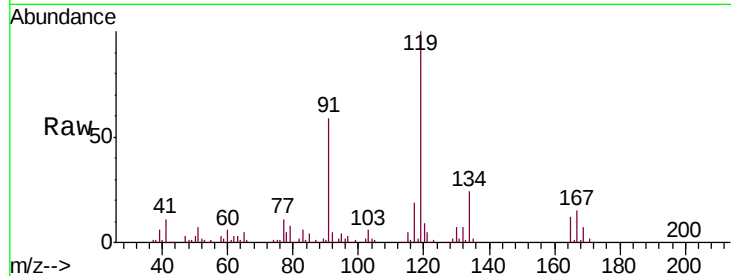




#83
 tert-Butylbenzene
 Concen: 93.928 ug/l
 RT: 10.91 min Scan# 3055
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

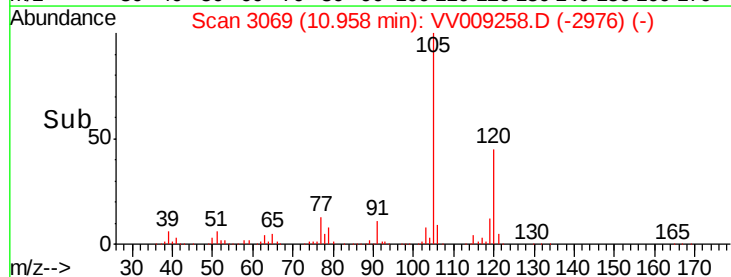
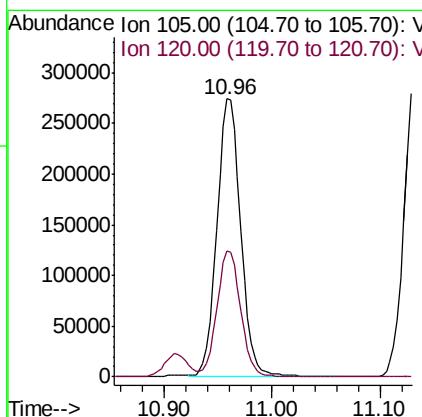
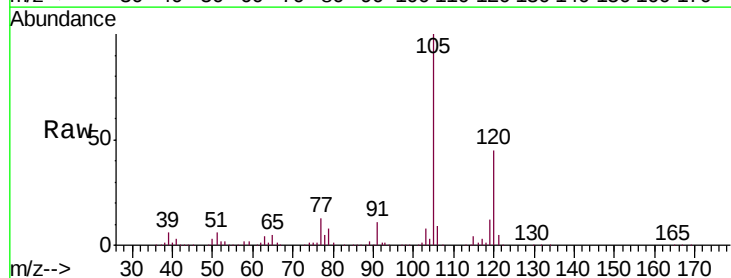
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

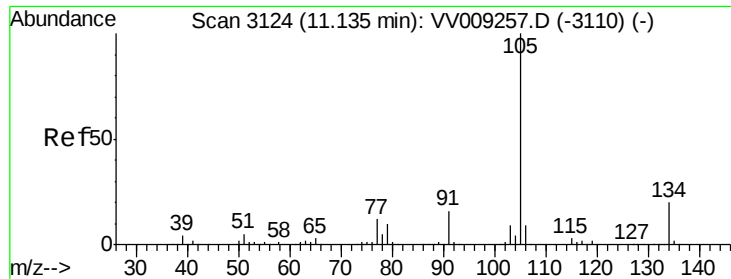
Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.6	85.8
134	23.8	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 94.100 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1

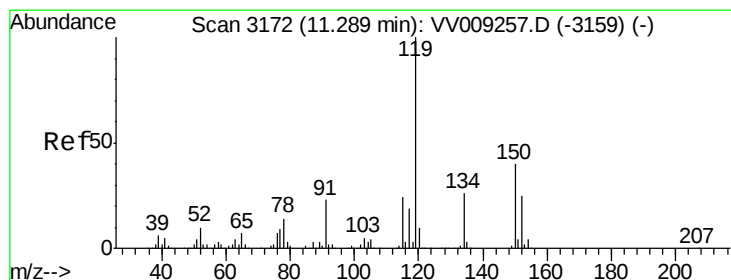
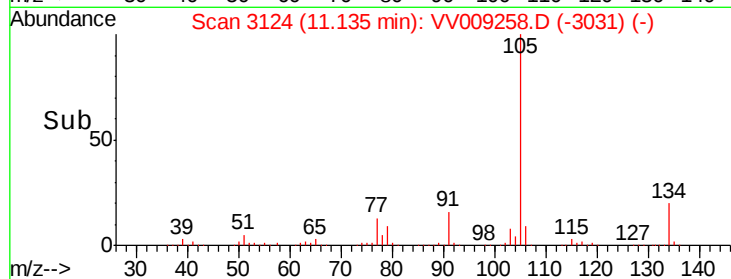
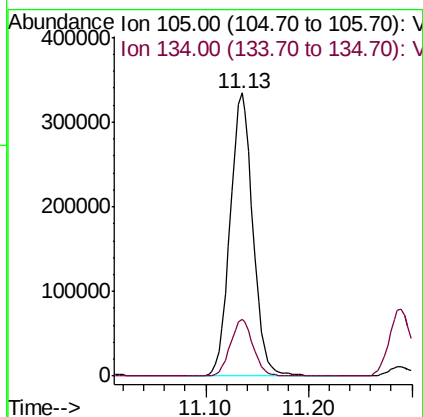
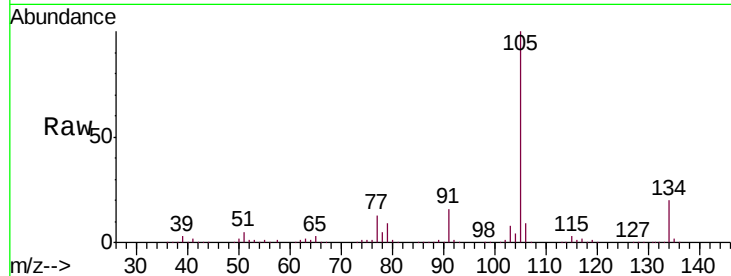




#85
 sec-Butylbenzene
 Concen: 93.284 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

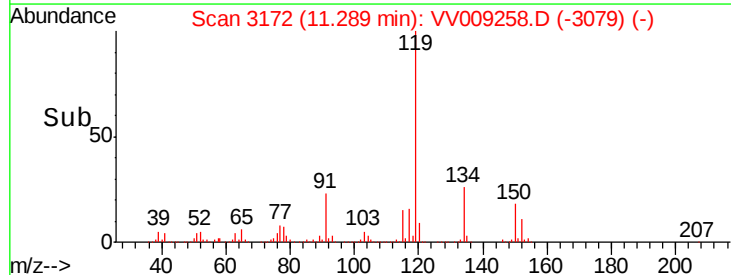
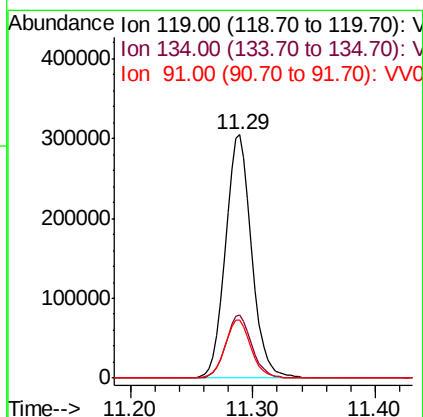
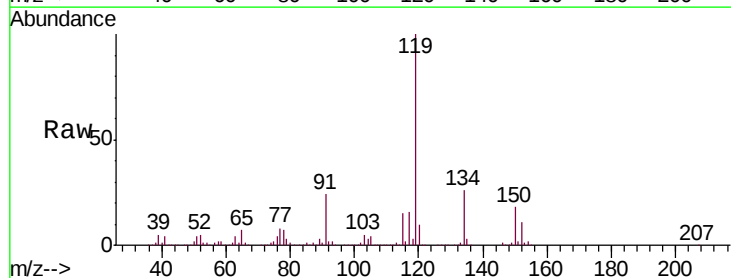
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

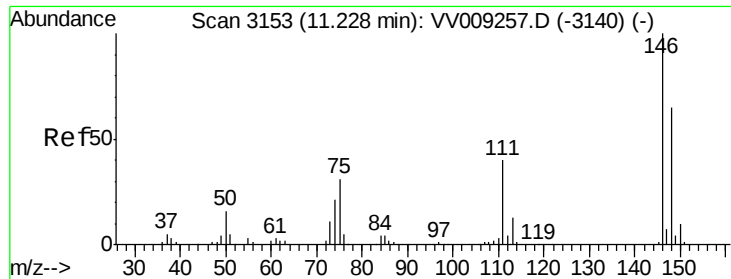
Tgt Ion:105 Resp: 514290
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 94.602 ug/l
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion:119 Resp: 456866
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.0 11.9 35.7

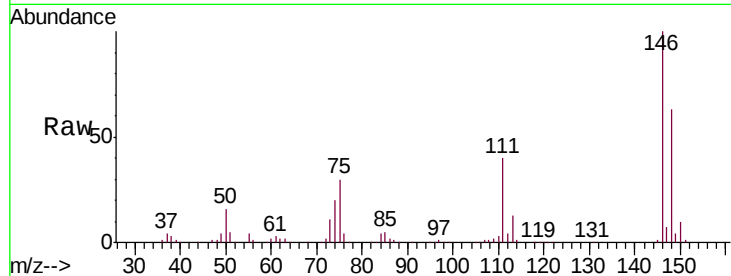




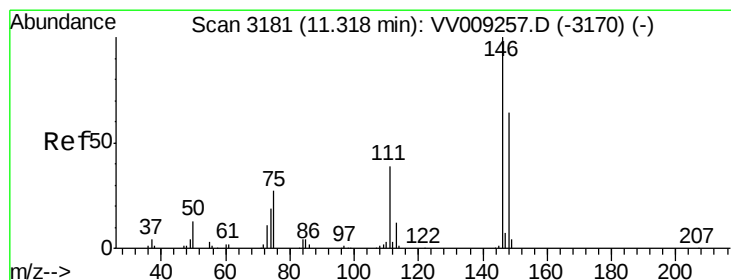
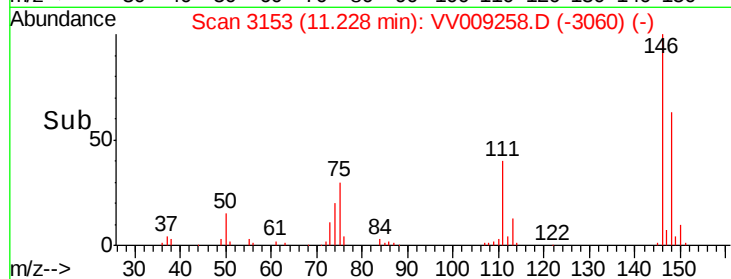
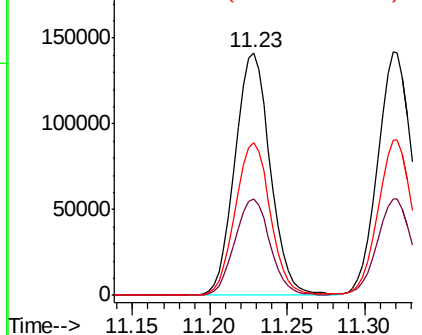
#87
 1,3-Dichlorobenzene
 Concen: 94.914 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 224118
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.5
 148 63.0 31.8 95.3

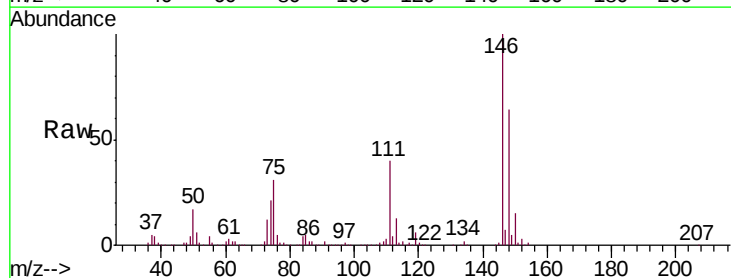


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

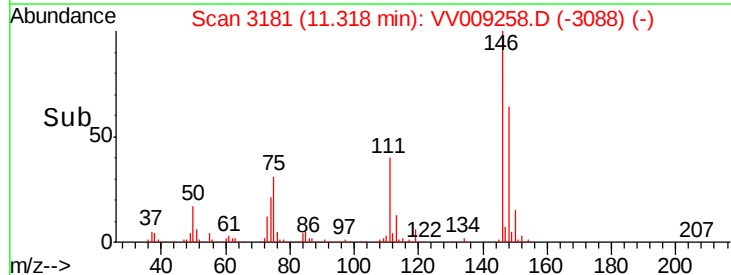
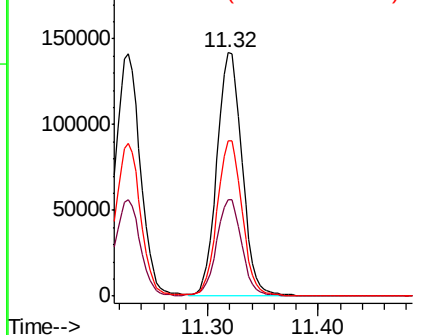


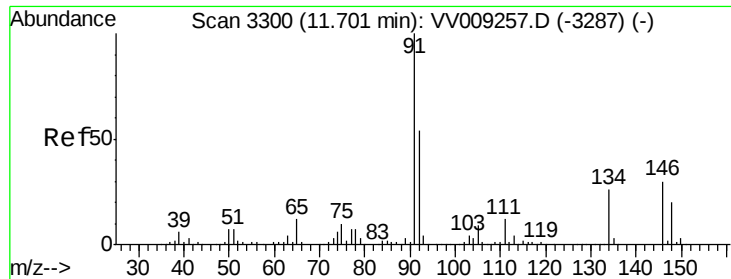
#88
 1,4-Dichlorobenzene
 Concen: 94.378 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion:146 Resp: 225436
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 61.0
 148 63.3 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

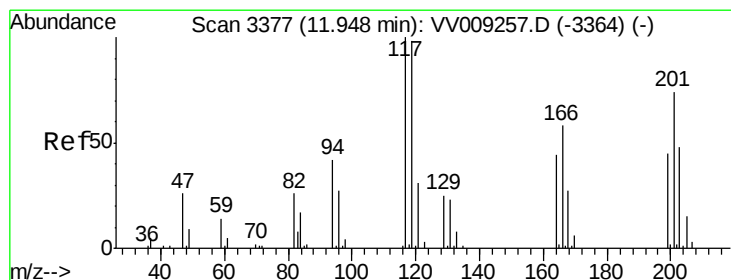
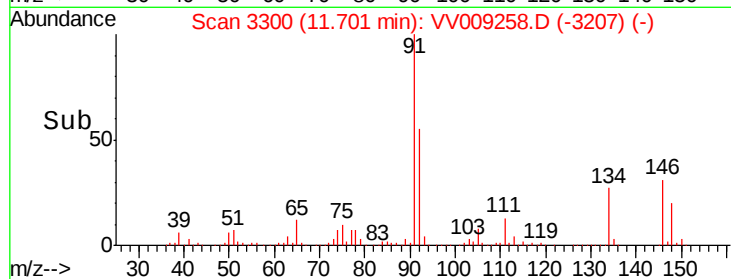
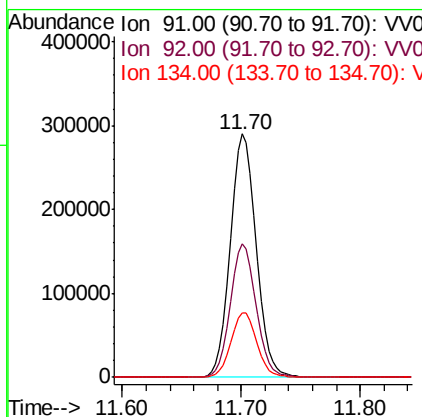
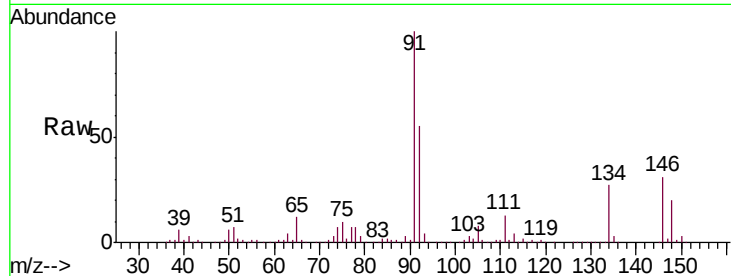




#89
n-Butylbenzene
Concen: 93.388 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

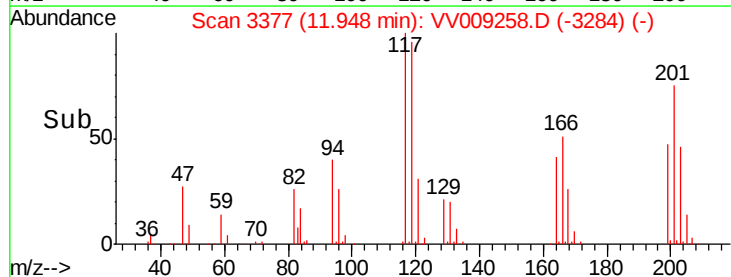
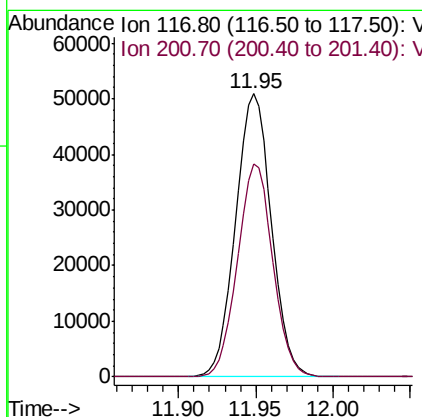
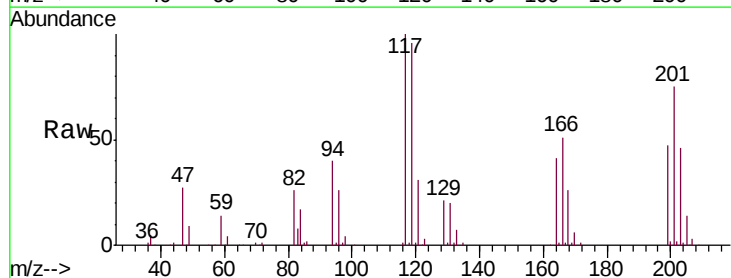
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

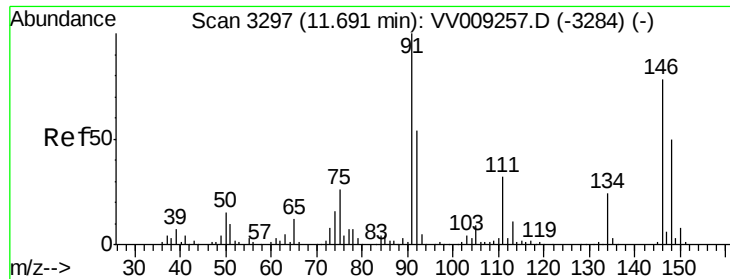
Tgt Ion: 91 Resp: 437192
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 95.566 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion: 117 Resp: 81631
Ion Ratio Lower Upper
117 100
201 74.3 36.4 109.3

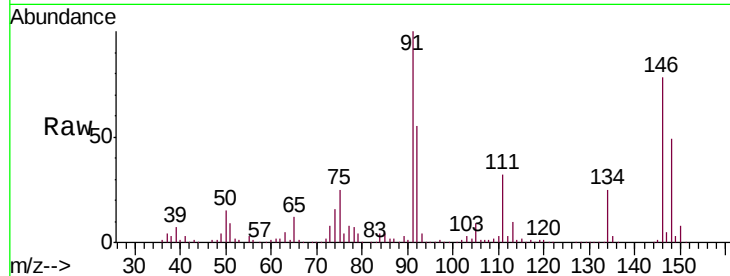




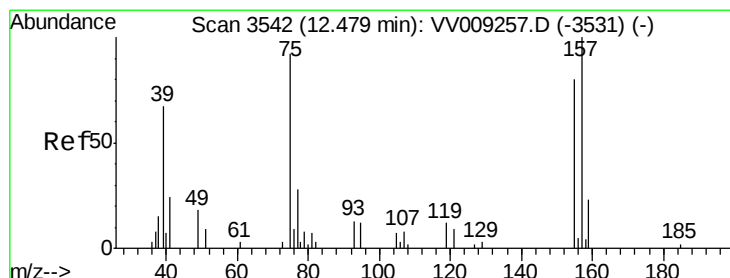
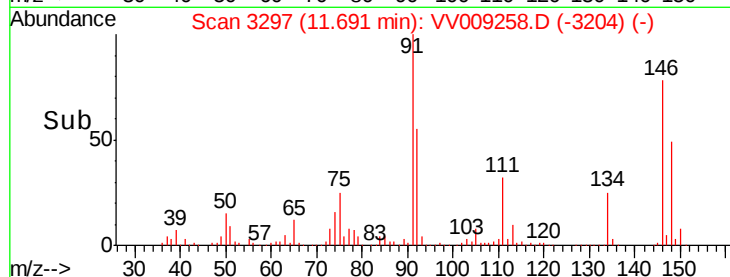
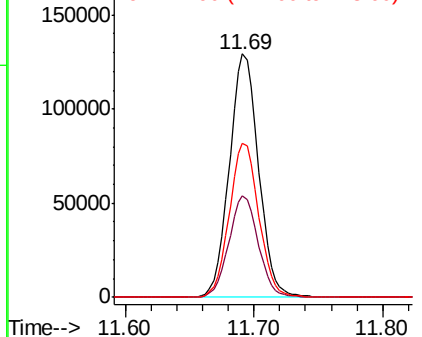
#91
 1,2-Dichlorobenzene
 Concen: 97.228 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 203172
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.8 32.1 96.3

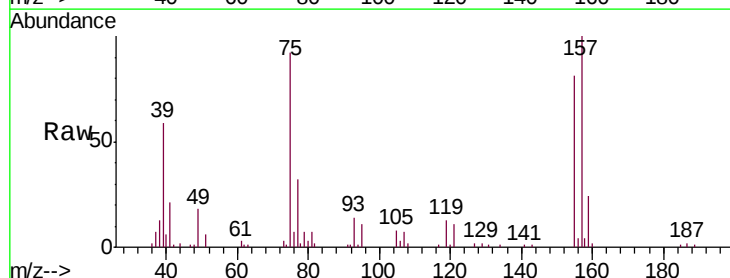


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

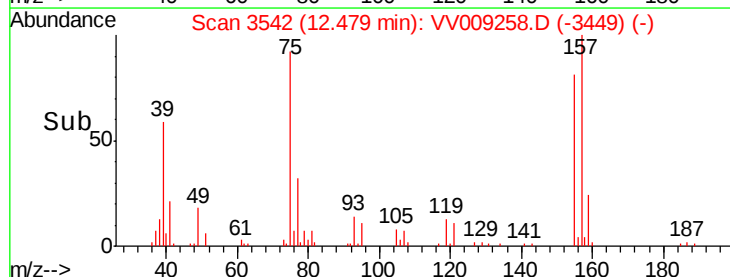
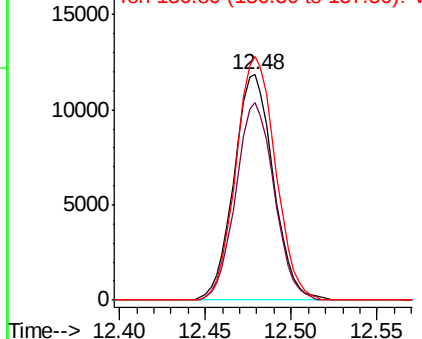


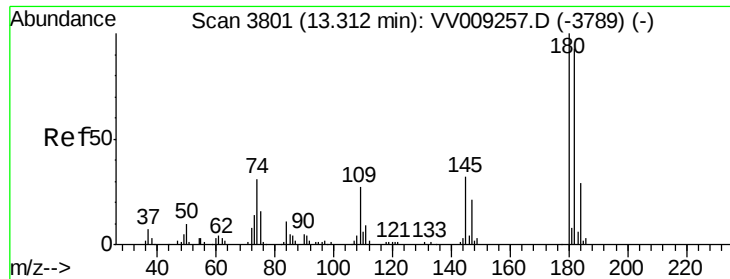
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 122.301 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 18859
 Ion Ratio Lower Upper
 75 100
 155 85.2 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

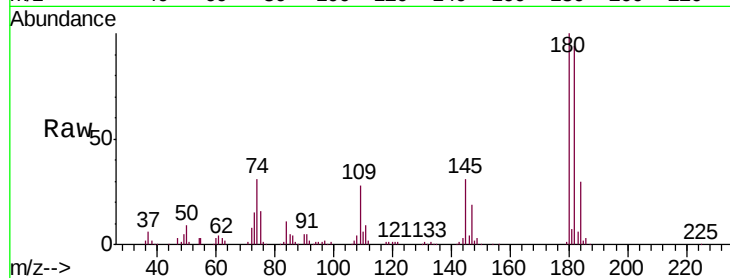




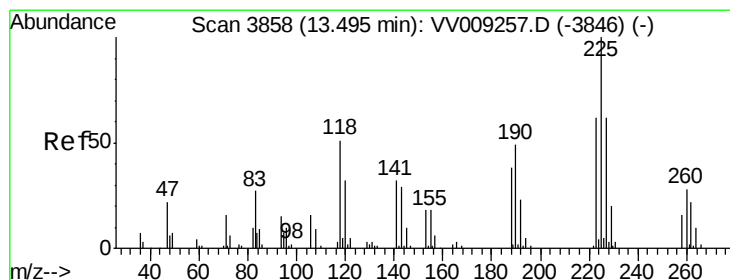
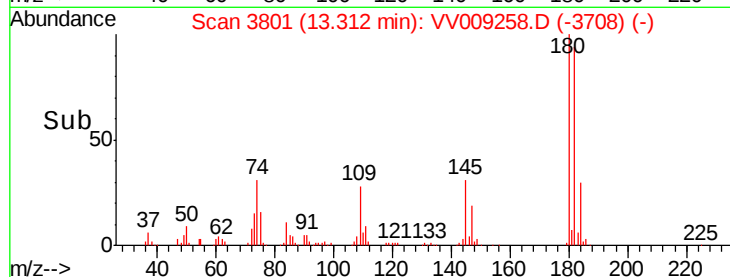
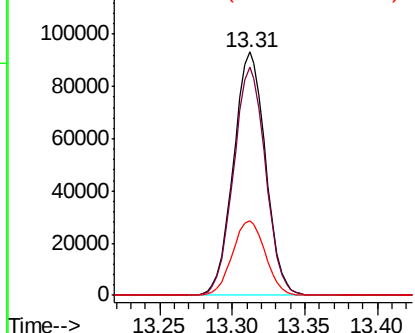
#93
 1,2,4-Trichlorobenzene
 Concen: 104.979 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 142707
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.1 141.4
 145 31.4 15.8 47.4

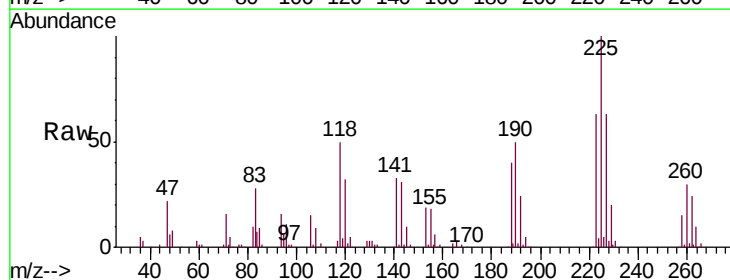


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

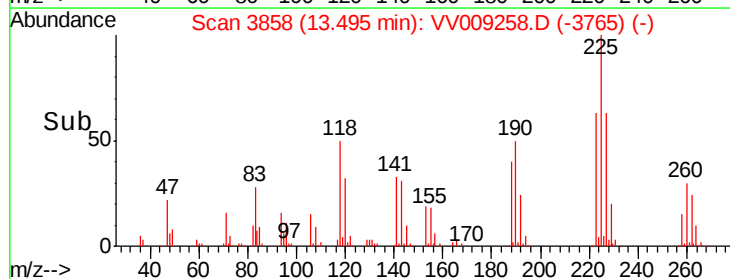
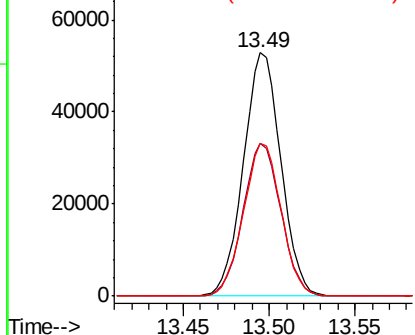


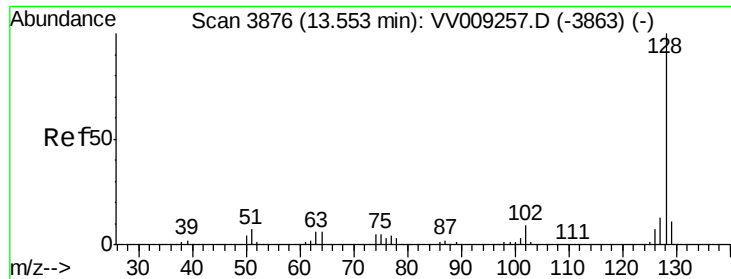
#94
 Hexachlorobutadiene
 Concen: 95.366 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009258.D
 Acq: 24 Jan 2019 14:16

Tgt Ion:225 Resp: 79897
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 62.8 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

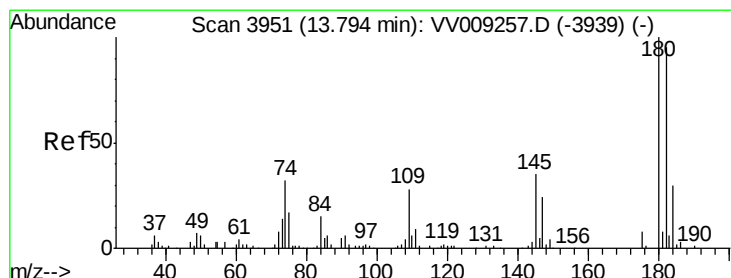
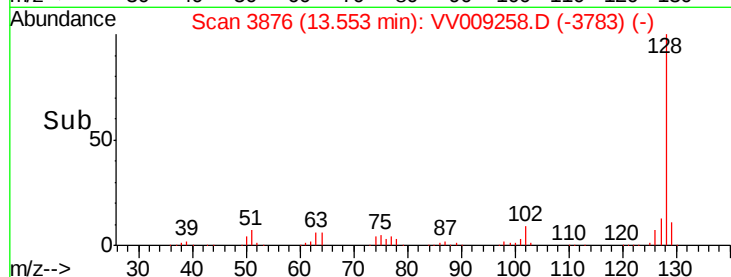
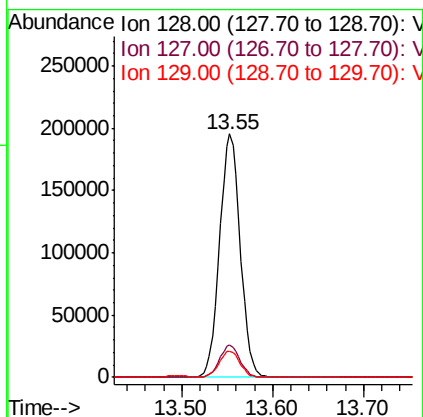
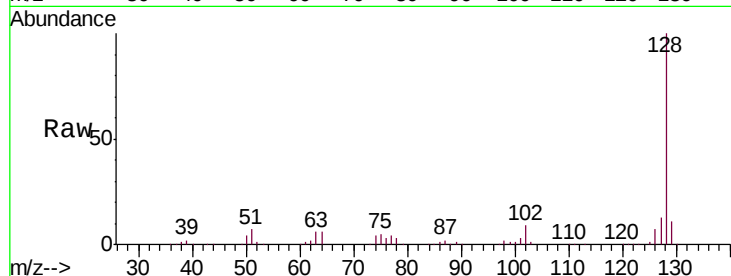




#95
Naphthalene
Concen: 127.286 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 307157
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 109.171 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV009258.D
Acq: 24 Jan 2019 14:16

Tgt Ion:180 Resp: 126696
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.6
145 33.7 17.2 51.6

