

Data File : VV009254.D
Acq On : 24 Jan 2019 12:24
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Quant Time: Jan 24 22:53:08 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	83043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	140666	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	131514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	5112	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
35) Dibromofluoromethane	4.64	113	4685	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
50) Toluene-d8	7.35	98	17383	4.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.60%	
62) 4-Bromofluorobenzene	10.12	95	7182	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	3270	4.718	ug/l	92
3) Chloromethane	1.24	50	4644	5.073	ug/l	95
4) Vinyl Chloride	1.32	62	4637	4.555	ug/l	90
5) Bromomethane	1.52	94	3036	5.308	ug/l	88
6) Chloroethane	1.59	64	2532	4.520	ug/l	91
7) Trichlorofluoromethane	1.76	101	2275	3.391	ug/l	92
8) Diethyl Ether	1.96	74	2262	5.028	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.13	101	3951	4.481	ug/l	95
10) Methyl Iodide	2.25	142	6585	4.683	ug/l	97
11) Tert butyl alcohol	2.65	59	4412	57.929	ug/l #	82
12) 1,1-Dichloroethene	2.14	96	4123	4.745	ug/l	92
13) Acrolein	2.06	56	1288	22.230	ug/l	89
14) Allyl chloride	2.41	41	6597	4.523	ug/l	98
15) Acrylonitrile	2.76	53	5316	26.781	ug/l	98
16) Acetone	2.18	43	9127	33.696	ug/l	95
17) Carbon Disulfide	2.31	76	11155	4.236	ug/l	100
18) Methyl Acetate	2.45	43	3930	5.387	ug/l	100
19) Methyl tert-butyl Ether	2.80	73	6536	4.809	ug/l	98
20) Methylene Chloride	2.52	84	5687	5.630	ug/l	97
21) trans-1,2-Dichloroethene	2.78	96	4751	5.133	ug/l	89
22) Diisopropyl ether	3.32	45	15577	4.936	ug/l	89
23) Vinyl Acetate	3.30	43	42833	24.421	ug/l	100
24) 1,1-Dichloroethane	3.21	63	9758	4.977	ug/l	100
25) 2-Butanone	4.02	43	8810	27.635	ug/l	99
26) 2,2-Dichloropropane	3.94	77	2014	1.865	ug/l #	50
27) cis-1,2-Dichloroethene	3.95	96	5624	4.999	ug/l	95
28) Bromochloromethane	4.29	49	3550	4.781	ug/l #	93
29) Tetrahydrofuran	4.38	42	4868	27.547	ug/l	97
30) Chloroform	4.42	83	9524	4.848	ug/l	97
31) Cyclohexane	4.71	56	9731	5.428	ug/l #	86
32) 1,1,1-Trichloroethane	4.65	97	7106	4.340	ug/l	95
36) 1,1-Dichloropropene	4.87	75	7065	4.621	ug/l #	84
37) Ethyl Acetate	4.13	43	2498	4.031	ug/l #	90
38) Carbon Tetrachloride	4.86	117	6859	4.527	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	8774	4.829	ug/l	92
40) Benzene	5.14	78	20967	4.890	ug/l	99
41) Methacrylonitrile	4.31	41	1851	5.034	ug/l #	92
42) 1,2-Dichloroethane	5.17	62	6639	4.945	ug/l	99
43) Isopropyl Acetate	5.33	43	6432	5.337	ug/l #	90
44) Trichloroethene	5.95	130	5919	5.235	ug/l	92
45) 1,2-Dichloropropane	6.22	63	5206	5.027	ug/l	89
46) Dibromomethane	6.35	93	2803	5.205	ug/l	97
47) Bromodichloromethane	6.55	83	6637	4.747	ug/l	97
48) Methyl methacrylate	6.42	41	3081	5.035	ug/l	95
49) 1,4-Dioxane	6.42	88	898	124.414	ug/l	95
51) 4-Methyl-2-Pentanone	7.27	43	17513	28.486	ug/l	98
52) Toluene	7.43	92	13122	4.851	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	6312	4.605	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	7126	4.535	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	3857	5.049	ug/l	97
56) Ethyl methacrylate	7.83	69	4028	4.535	ug/l	94
57) 1,3-Dichloropropane	8.06	76	7125	5.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	19	1.285	ug/l #	49
59) 2-Hexanone	8.19	43	12187	27.536	ug/l	98
60) Dibromochloromethane	8.29	129	4316	4.866	ug/l	96
61) 1,2-Dibromoethane	8.40	107	3738	5.010	ug/l	95
64) Tetrachloroethene	8.02	164	4702	5.147	ug/l	97
65) Chlorobenzene	8.92	112	15830	5.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	4666	4.563	ug/l	97
67) Ethyl Benzene	9.05	91	25059	4.738	ug/l	99
68) m/p-Xylenes	9.18	106	18712	9.289	ug/l	96
69) o-Xylene	9.59	106	8452	4.530	ug/l	92
70) Styrene	9.60	104	13429	4.487	ug/l	98
71) Bromoform	9.78	173	2366	4.809	ug/l #	97
73) Isopropylbenzene	9.97	105	24513	4.778	ug/l	98
74) N-amyl acetate	9.84	43	5558	5.639	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.29	83	5022	5.580	ug/l	97
76) 1,2,3-Trichloropropane	10.32	75	3869	5.499	ug/l #	80
77) Bromobenzene	10.26	156	5845	5.239	ug/l	97
78) n-propylbenzene	10.40	91	29089	4.778	ug/l	99
79) 2-Chlorotoluene	10.47	91	18326	4.988	ug/l	95
80) 1,3,5-Trimethylbenzene	10.58	105	20332	4.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	1052	4.242	ug/l #	83
82) 4-Chlorotoluene	10.58	91	21466	4.946	ug/l	99
83) tert-Butylbenzene	10.91	119	19830	4.825	ug/l	95
84) 1,2,4-Trimethylbenzene	10.96	105	20917	4.803	ug/l	100
85) sec-Butylbenzene	11.13	105	26642	4.953	ug/l	98
86) p-Isopropyltoluene	11.29	119	22866	4.853	ug/l	98
87) 1,3-Dichlorobenzene	11.23	146	12403	5.383	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	12792	5.488	ug/l	94
89) n-Butylbenzene	11.70	91	23291	5.099	ug/l	99
90) Hexachloroethane	11.95	117	4078	4.893	ug/l	91
91) 1,2-Dichlorobenzene	11.69	146	10976	5.383	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.48	75	702	4.666	ug/l	93

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

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Sample : VSTDICC005
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

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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)
93) 1,2,4-Trichlorobenzene	13.31	180	8367	6.308	ug/l	97
94) Hexachlorobutadiene	13.49	225	4670	5.713	ug/l	97
95) Naphthalene	13.56	128	16945	7.197	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	7323	6.467	ug/l	100

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

Data File : VV009254.D

Acq On : 24 Jan 2019 12:24

Operator : SY/MD

Sample : VSTDICC005

Misc : 5.00G/5ML/MSVOA_V/SOIL

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ALS Vial      : 3      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

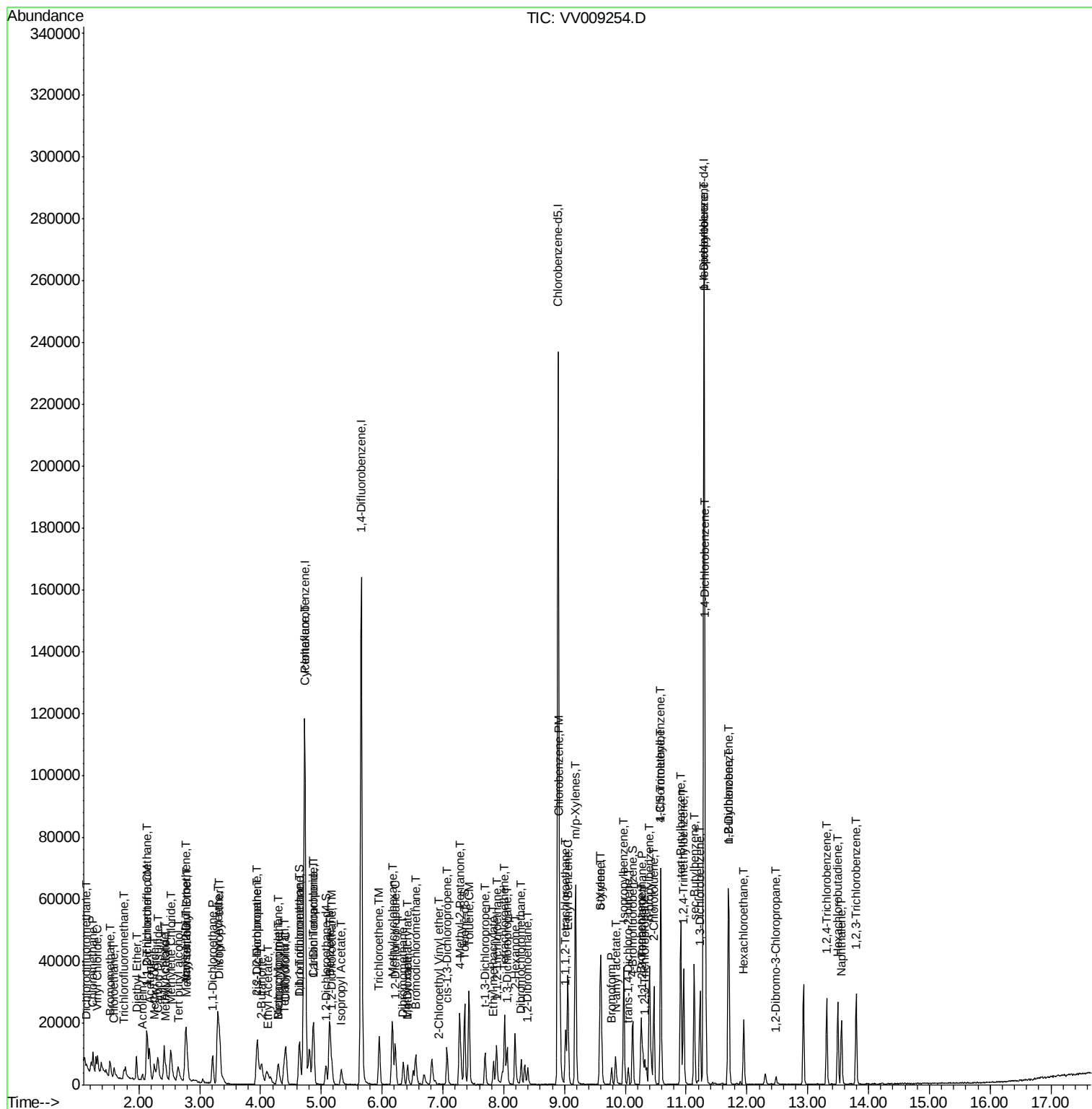
Quant Time: Jan 24 22:53:08 2019

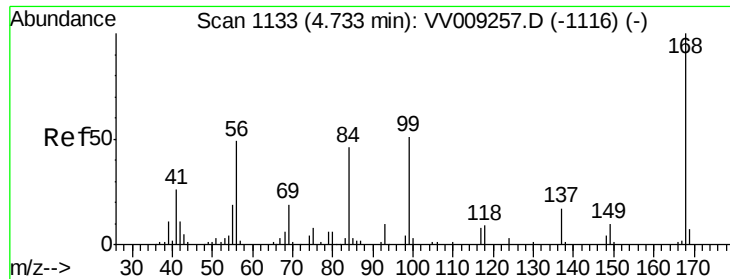
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\82V012419S.M

Quant Title : SW846 8260

QLast Update : Thu Jan 24 22:50:22 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

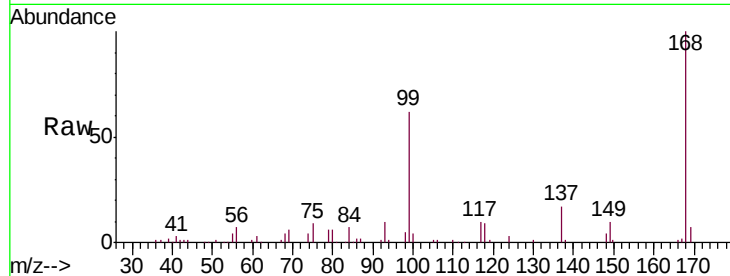
VSTDIC005

Tgt Ion:168 Resp: 83043

Ion Ratio Lower Upper

168 100

99 61.3 50.0 75.0

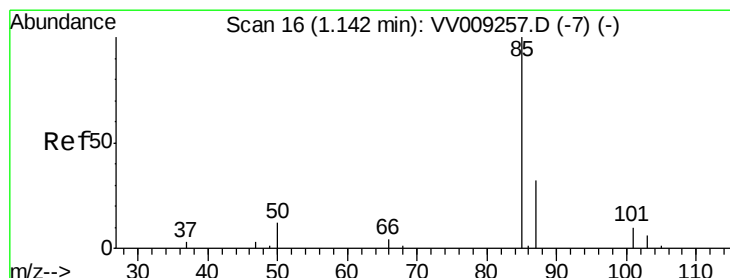
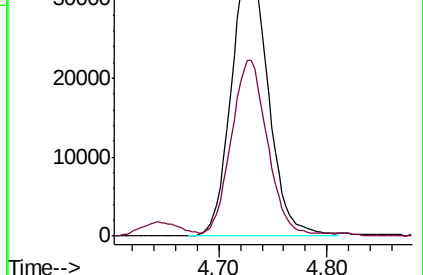
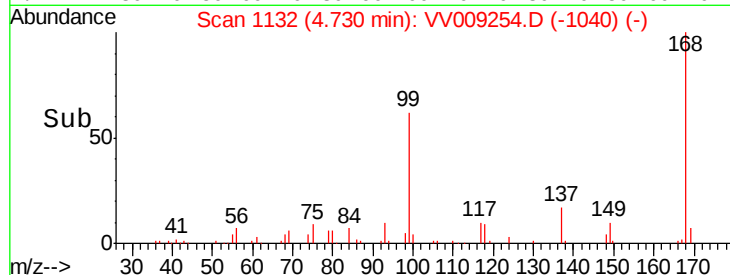


Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

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

4.73

4.70 4.80



#2

Dichlorodifluoromethane

Concen: 4.718 ug/l

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009254.D

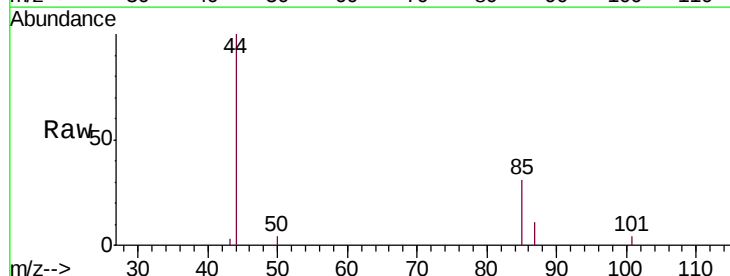
Acq: 24 Jan 2019 12:24

Tgt Ion: 85 Resp: 3270

Ion Ratio Lower Upper

85 100

87 36.5 16.0 47.9

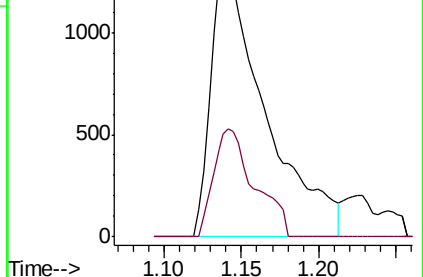
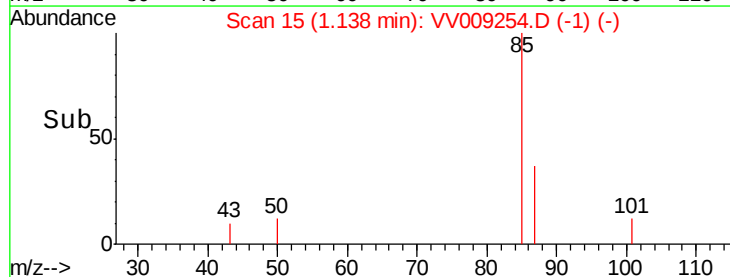


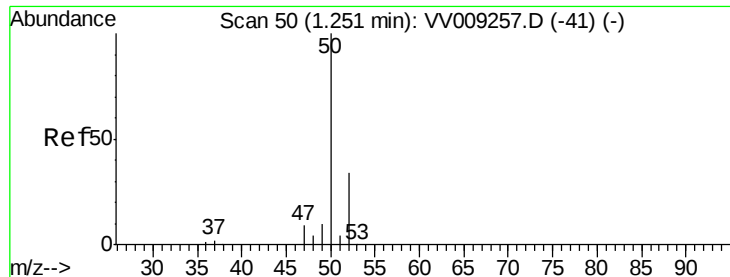
Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

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

1.14

1.10 1.15 1.20





#3

Chloromethane

Concen: 5.073 ug/l

RT: 1.24 min Scan# 48

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

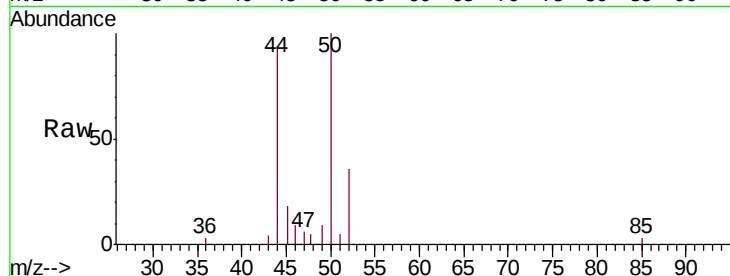
VSTDIC005

Tgt Ion: 50 Resp: 4644

Ion Ratio Lower Upper

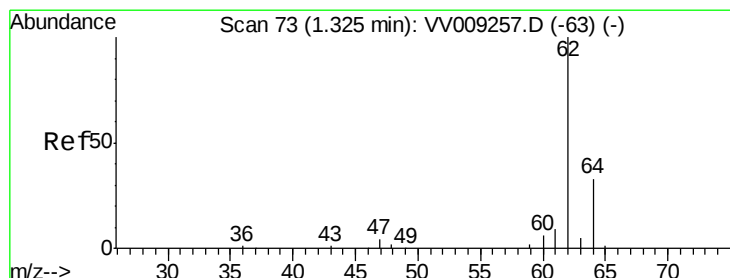
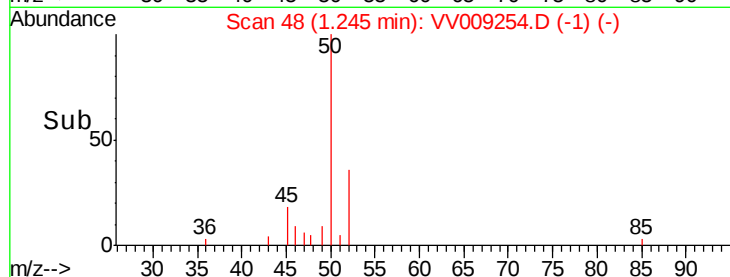
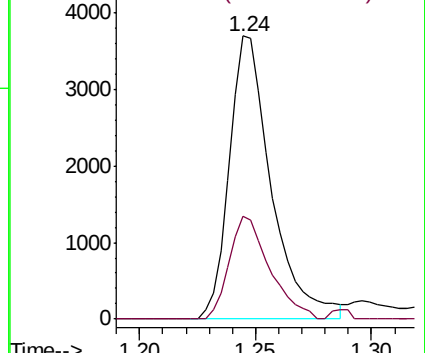
50 100

52 36.3 26.8 40.2



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

Ion 51.90 (51.60 to 52.60): VV009254.D (-1) (-)



#4

Vinyl Chloride

Concen: 4.555 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV009254.D

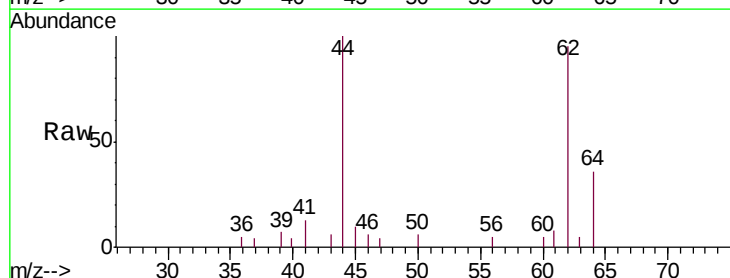
Acq: 24 Jan 2019 12:24

Tgt Ion: 62 Resp: 4637

Ion Ratio Lower Upper

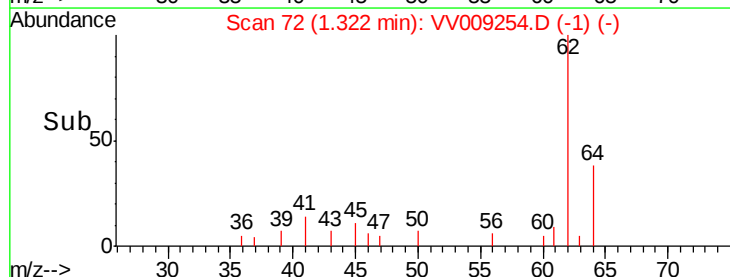
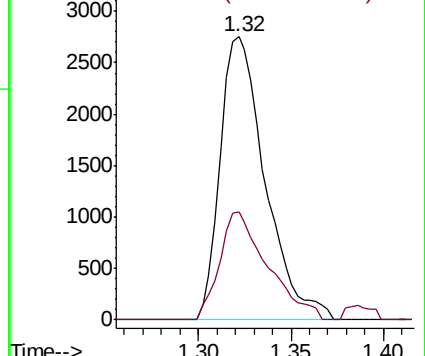
62 100

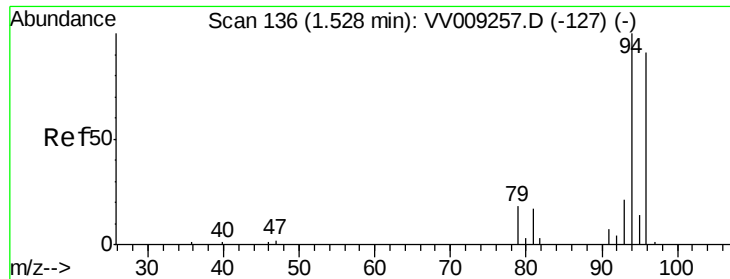
64 38.3 26.3 39.5



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

Ion 63.90 (63.60 to 64.60): VV009254.D (-1) (-)





#5

Bromomethane

Concen: 5.308 ug/l

RT: 1.52 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

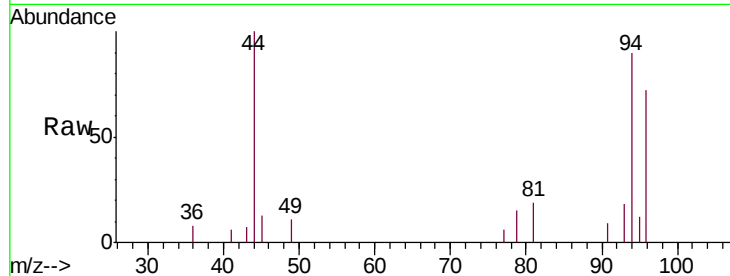
VSTDIC005

Tgt Ion: 94 Resp: 3036

Ion Ratio Lower Upper

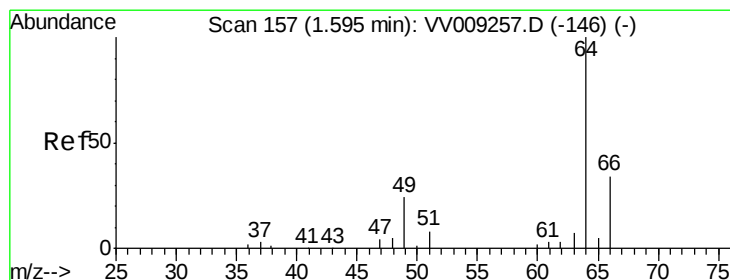
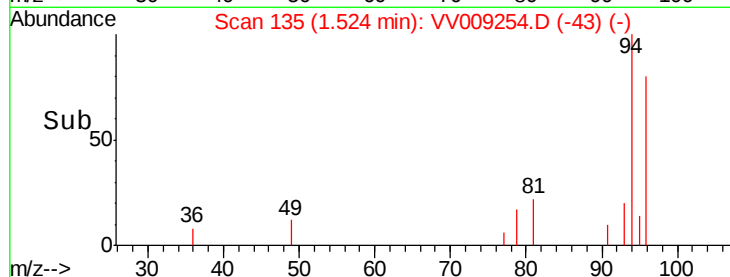
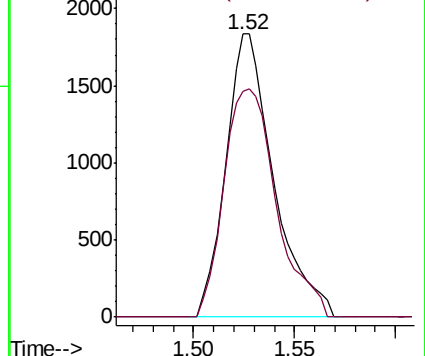
94 100

96 79.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VV0

Ion 95.90 (95.60 to 96.60): VV0



#6

Chloroethane

Concen: 4.520 ug/l

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV009254.D

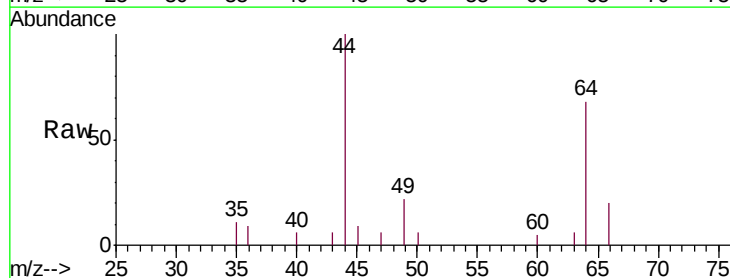
Acq: 24 Jan 2019 12:24

Tgt Ion: 64 Resp: 2532

Ion Ratio Lower Upper

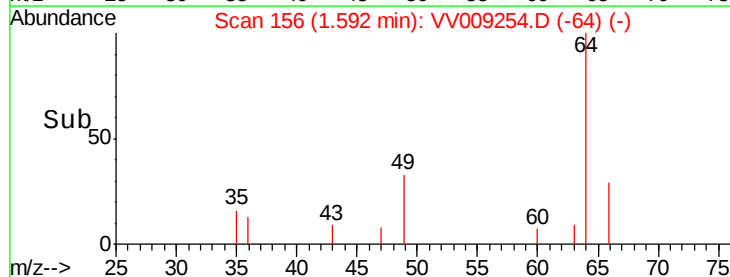
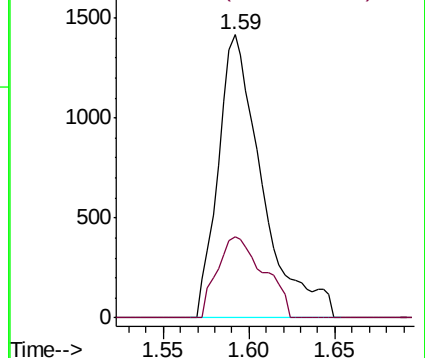
64 100

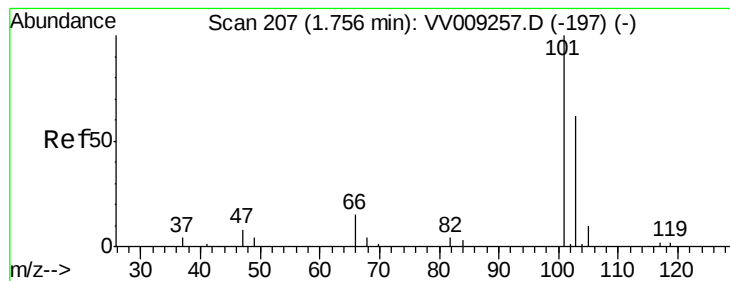
66 28.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VV0

Ion 65.90 (65.60 to 66.60): VV0



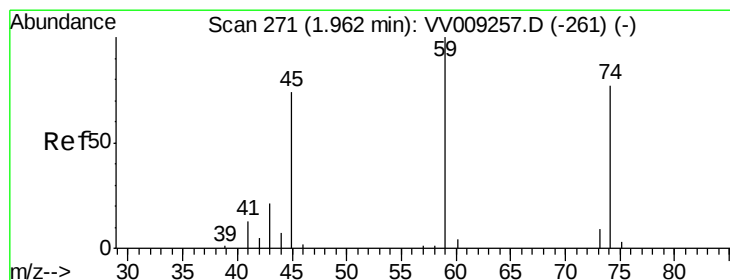
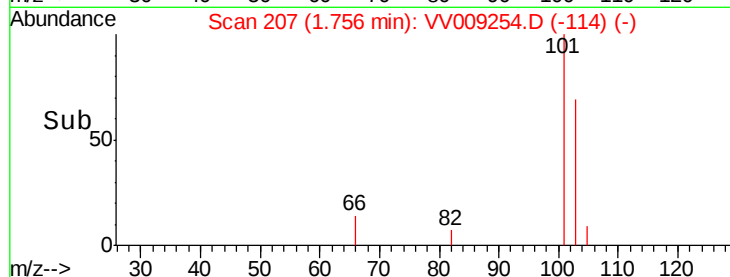
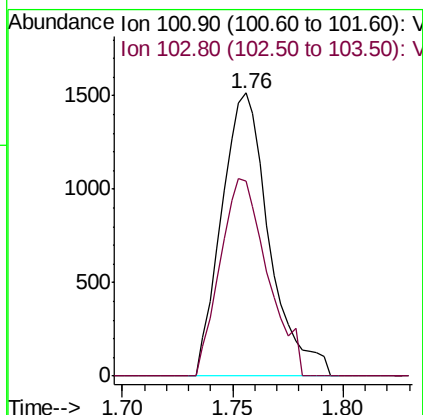
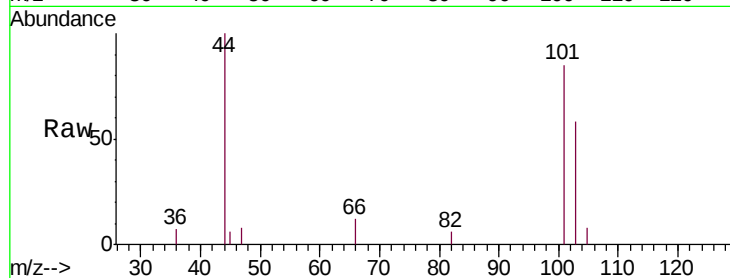


#7

Trichlorofluoromethane
 Concen: 3.391 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
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 VSTDIC005

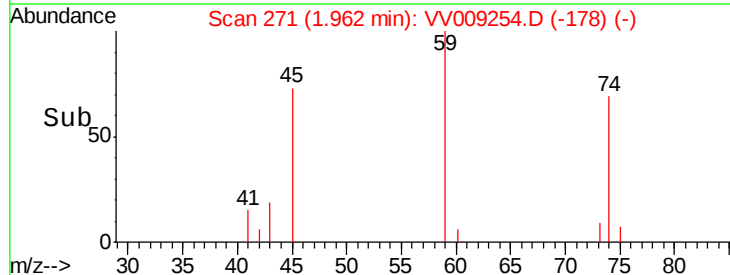
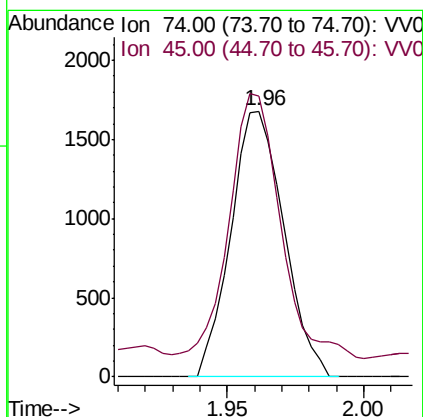
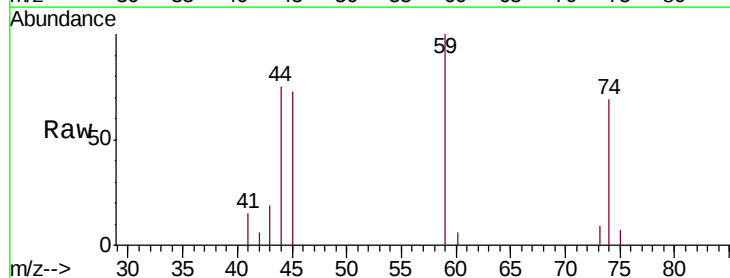
Tgt Ion: 101 Resp: 2275
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.8 74.8

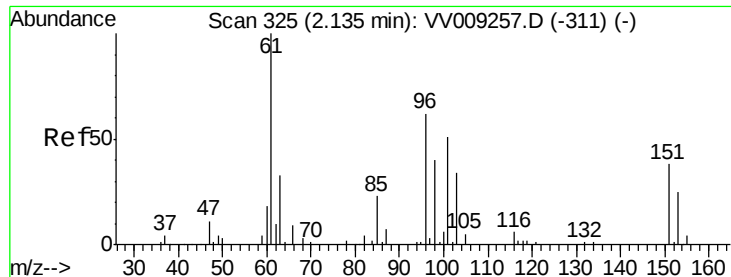


#8

Diethyl Ether
 Concen: 5.028 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 74 Resp: 2262
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.481 ug/l

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

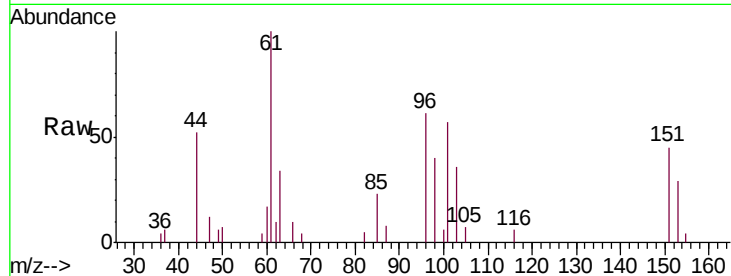
Tgt Ion:101 Resp: 3951

Ion Ratio Lower Upper

101 100

85 38.0 33.8 50.6

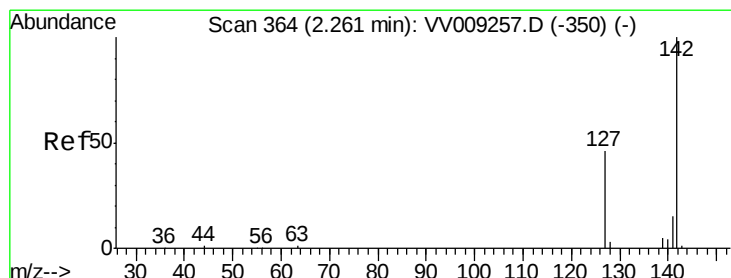
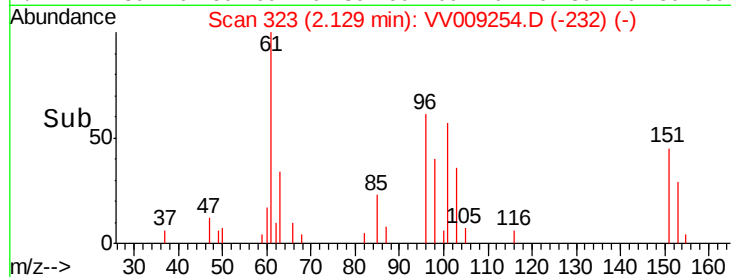
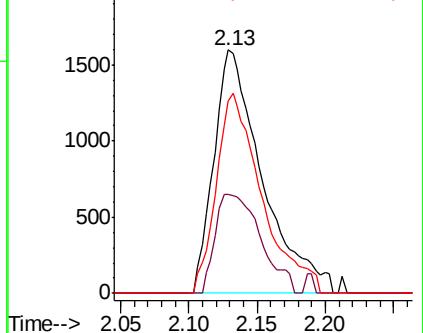
151 76.8 58.3 87.5



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: 4.683 ug/l

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

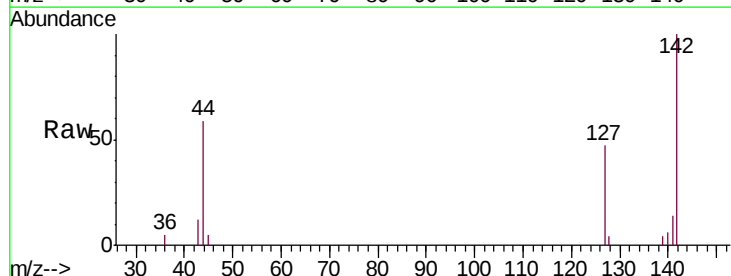
Tgt Ion:142 Resp: 6585

Ion Ratio Lower Upper

142 100

127 44.0 36.8 55.2

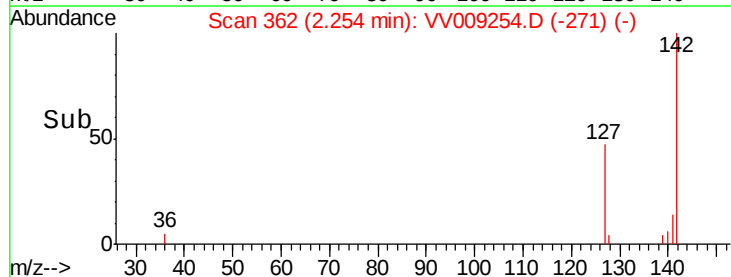
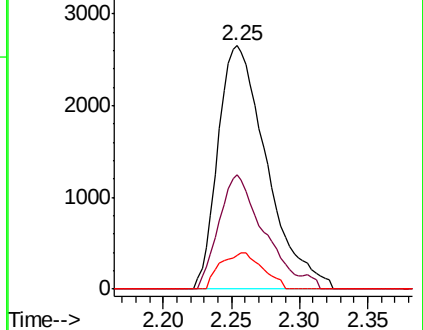
141 12.9 11.6 17.4

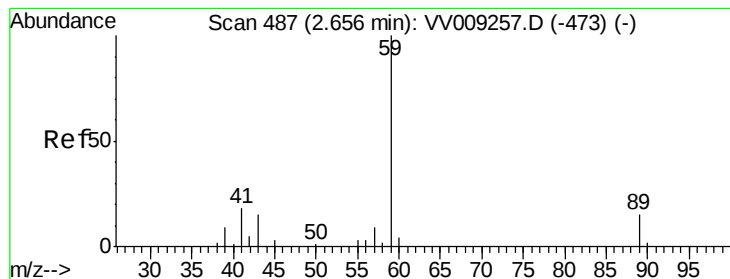


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 57.929 ug/l

RT: 2.65 min Scan# 484

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

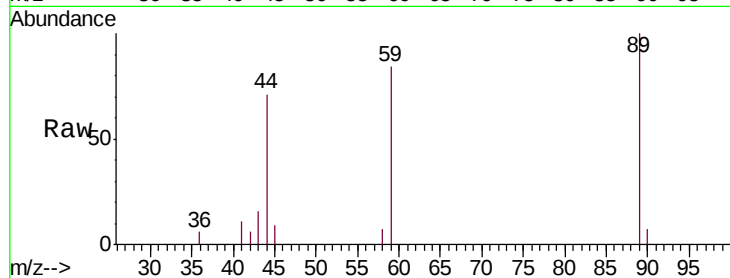
VSTDIC005

Tgt Ion: 59 Resp: 4412

Ion Ratio Lower Upper

59 100

57 2.2 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VV009257.D (-473) (-)

Ion 57.00 (56.70 to 57.70): VV009257.D (-473) (-)

2.65

1500

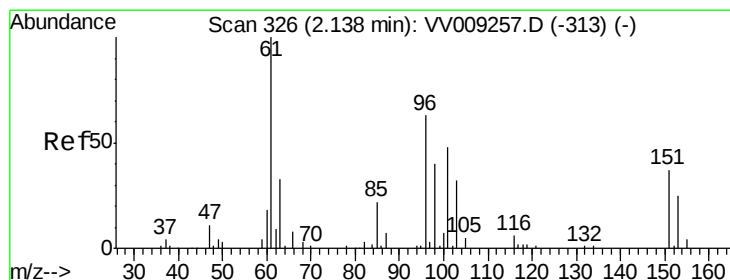
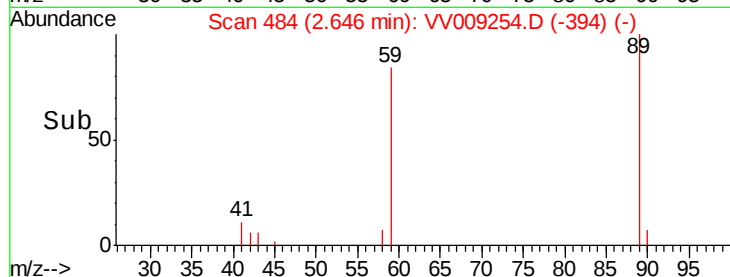
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#12

1,1-Dichloroethene

Concen: 4.745 ug/l

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

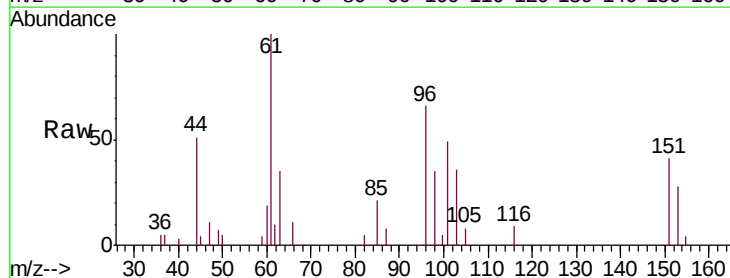
Tgt Ion: 96 Resp: 4123

Ion Ratio Lower Upper

96 100

61 151.7 127.2 190.8

98 53.5 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV009257.D (-313) (-)

Ion 60.90 (60.60 to 61.60): VV009257.D (-313) (-)

Ion 97.90 (97.60 to 98.60): VV009257.D (-313) (-)

4000

3000

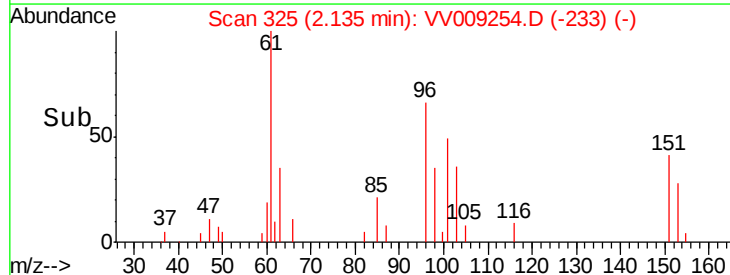
2000

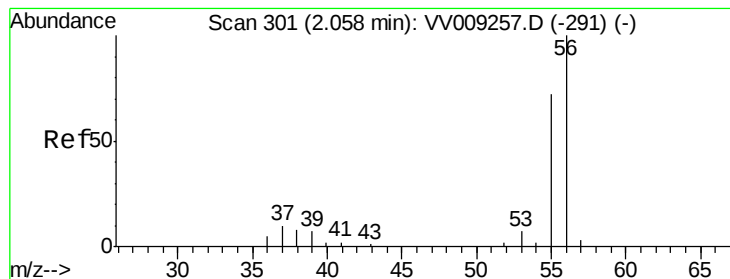
1000

0

Time-->

2.10 2.15 2.20





#13

Acrolein

Concen: 22.230 ug/l

RT: 2.06 min Scan# 301

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

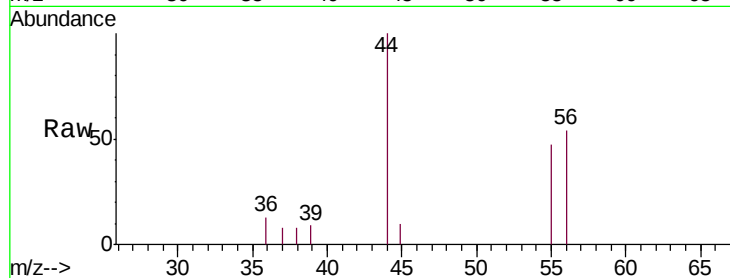
VSTDIC005

Tgt Ion: 56 Resp: 1288

Ion Ratio Lower Upper

56 100

55 77.2 54.8 82.2



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

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

2.06

800

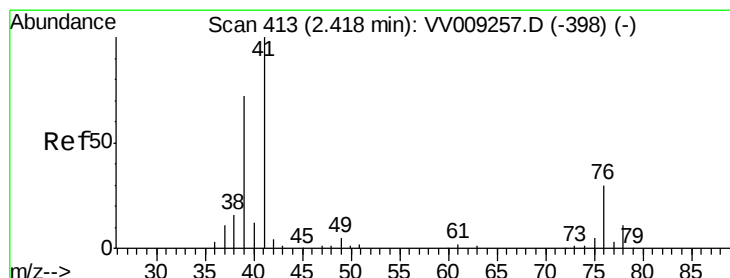
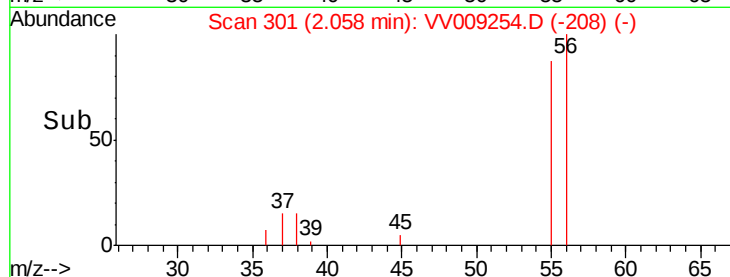
600

400

200

0

Time-->



#14

Allyl chloride

Concen: 4.523 ug/l

RT: 2.41 min Scan# 412

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

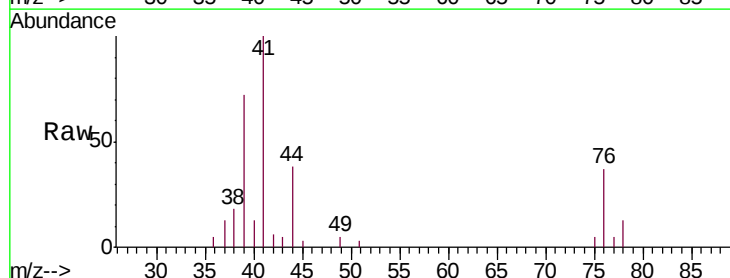
Tgt Ion: 41 Resp: 6597

Ion Ratio Lower Upper

41 100

39 69.4 56.4 84.6

76 36.9 30.6 46.0



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

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

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

2.41

6000

5000

4000

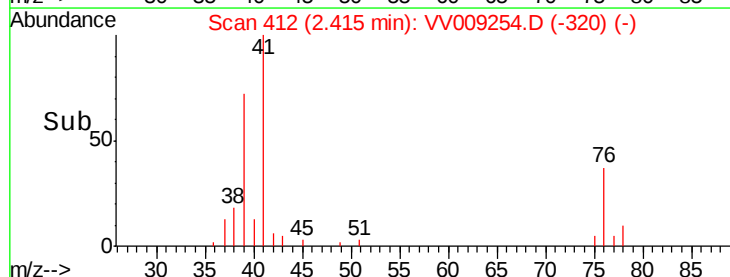
3000

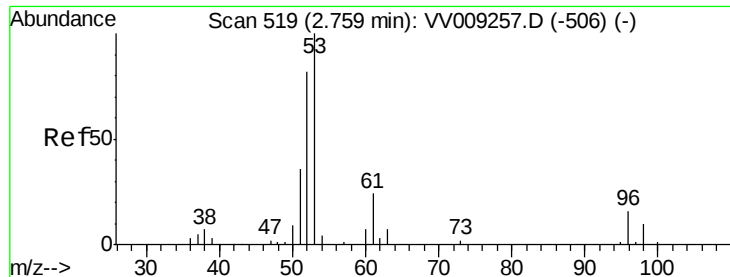
2000

1000

0

Time-->





#15

Acrylonitrile

Concen: 26.781 ug/l

RT: 2.76 min Scan# 519

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

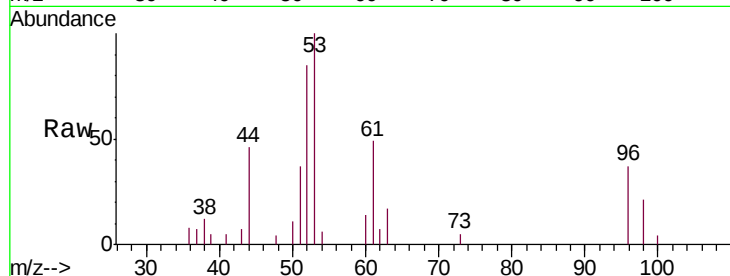
Tgt Ion: 53 Resp: 5316

Ion Ratio Lower Upper

53 100

52 86.9 67.2 100.8

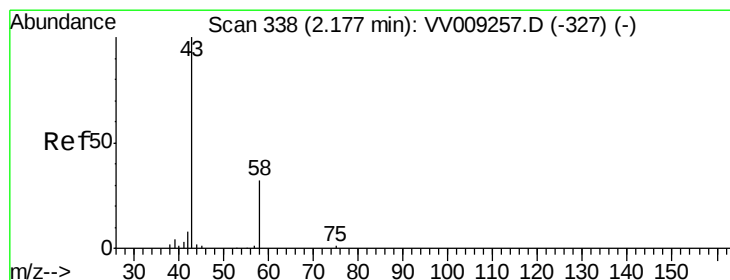
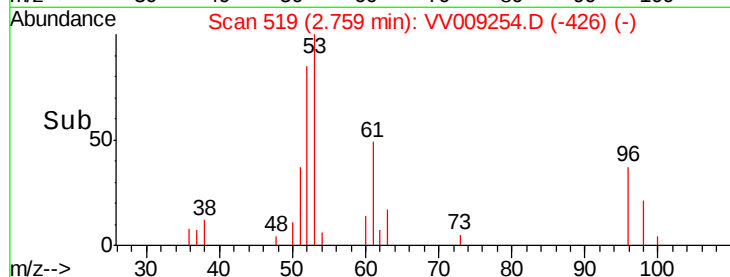
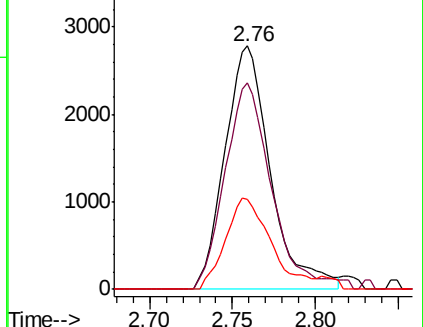
51 37.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VV009254.D (-426) (-)

Ion 52.00 (51.70 to 52.70): VV009254.D (-426) (-)

Ion 51.00 (50.70 to 51.70): VV009254.D (-426) (-)



#16

Acetone

Concen: 33.696 ug/l

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV009254.D

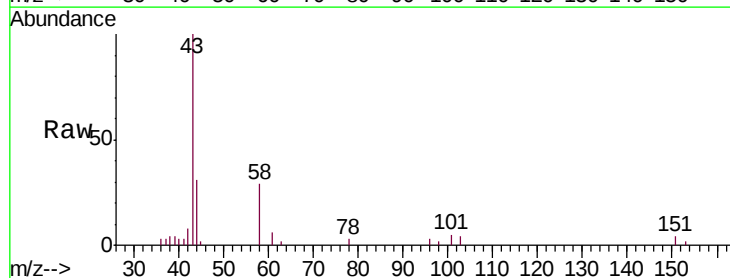
Acq: 24 Jan 2019 12:24

Tgt Ion: 43 Resp: 9127

Ion Ratio Lower Upper

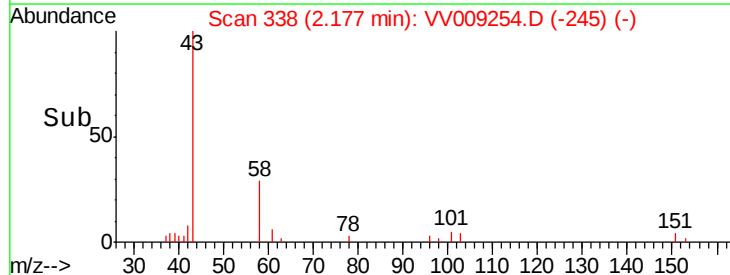
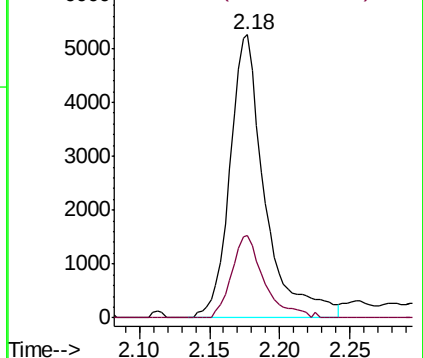
43 100

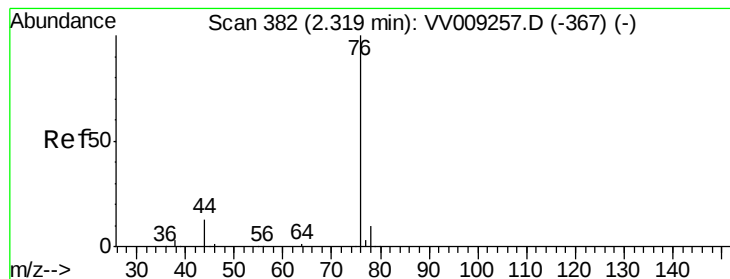
58 29.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VV009254.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009254.D (-245) (-)





#17

Carbon Disulfide

Concen: 4.236 ug/l

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

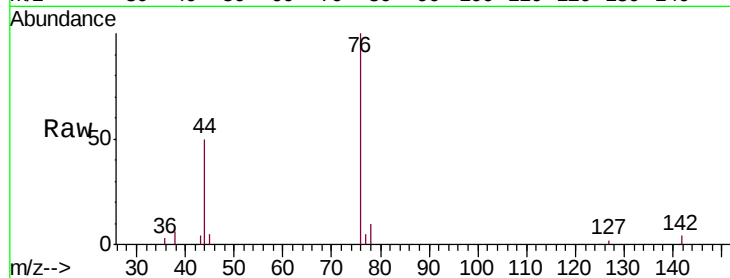
VSTDIC005

Tgt Ion: 76 Resp: 11155

Ion Ratio Lower Upper

76 100

78 10.0 7.9 11.9

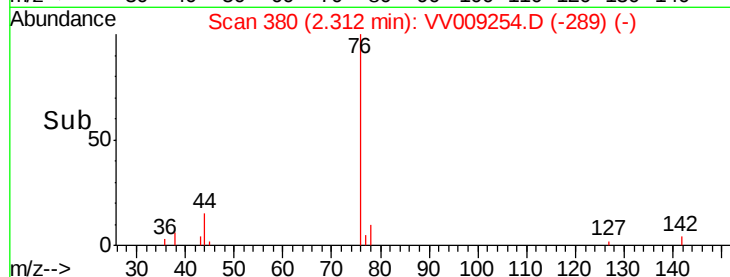


Abundance Ion 75.90 (75.60 to 76.60): VV009257.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-367) (-)

2.31

Time-->



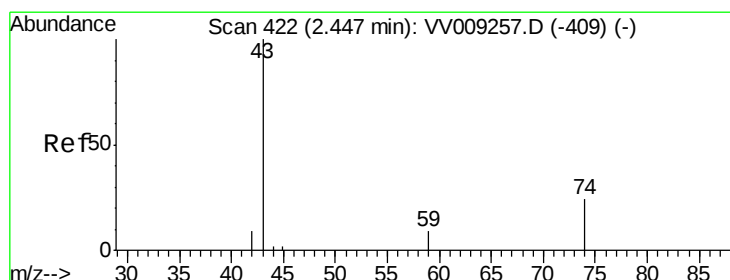
Abundance

Ion 75.90 (75.60 to 76.60): VV009257.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-367) (-)

2.31

Time-->



#18

Methyl Acetate

Concen: 5.387 ug/l

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV009254.D

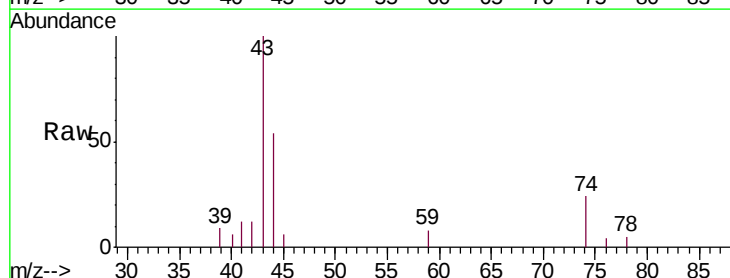
Acq: 24 Jan 2019 12:24

Tgt Ion: 43 Resp: 3930

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2

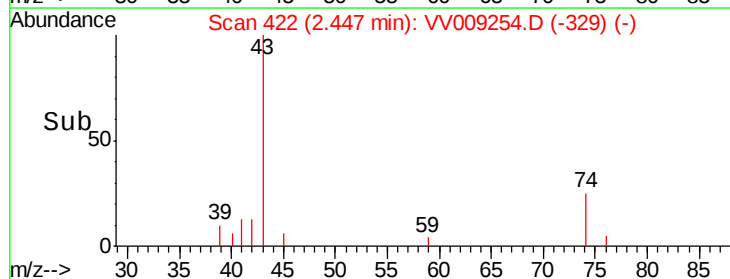


Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV009257.D (-409) (-)

2.45

Time-->



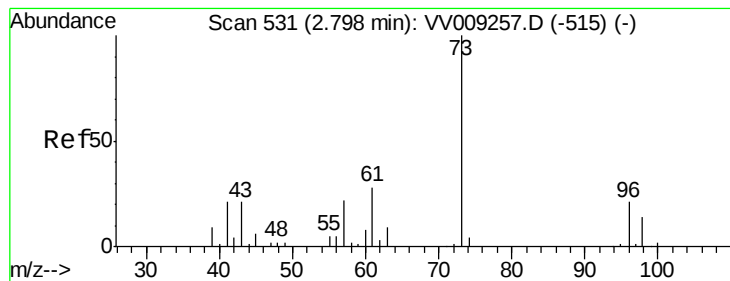
Abundance

Ion 43.00 (42.70 to 43.70): VV009257.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV009257.D (-409) (-)

2.45

Time-->

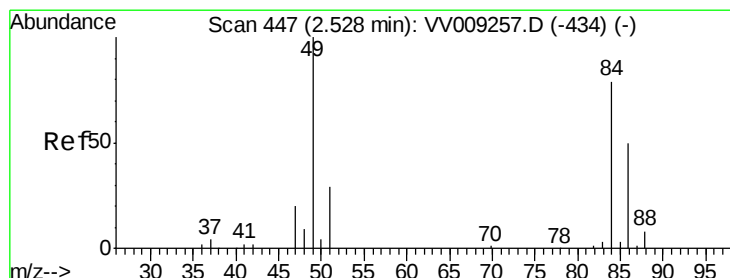
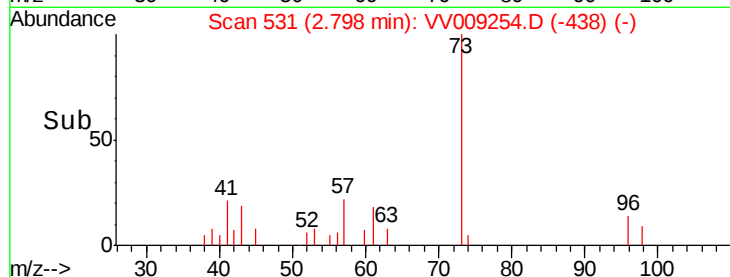
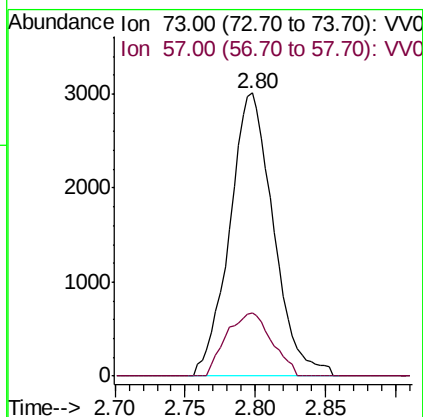
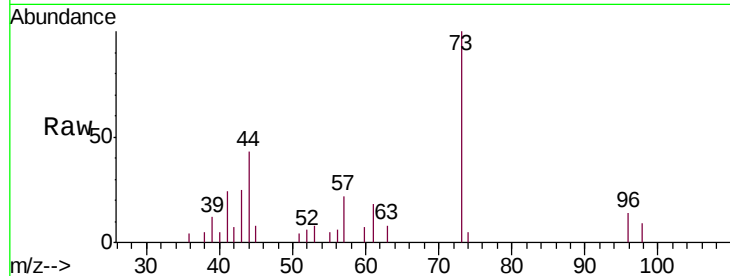


#19

Methyl tert-butyl Ether
 Concen: 4.809 ug/l
 RT: 2.80 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

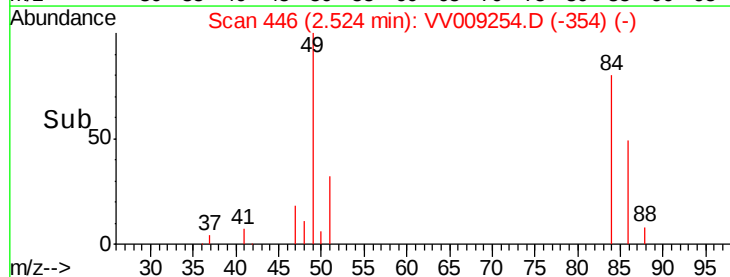
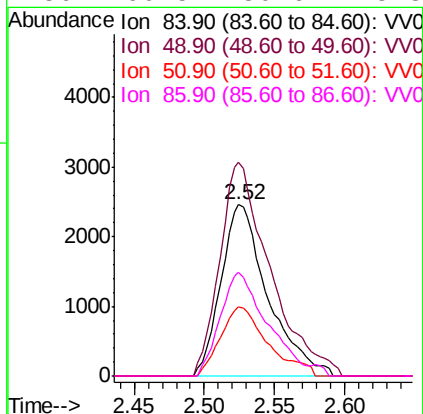
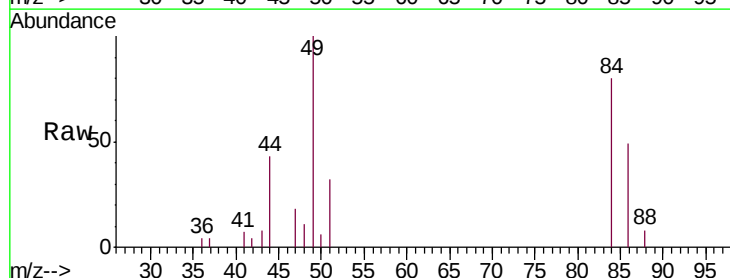
Tgt Ion: 73 Resp: 6536
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.3 25.9

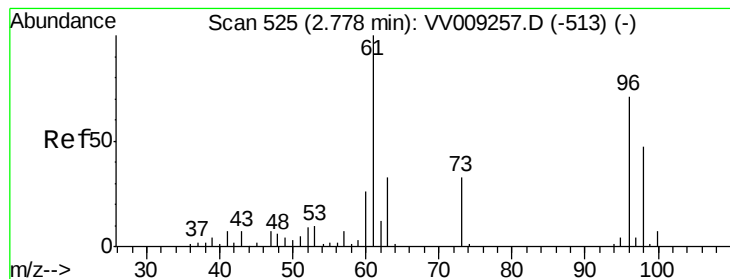


#20

Methylene Chloride
 Concen: 5.630 ug/l
 RT: 2.52 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 84 Resp: 5687
 Ion Ratio Lower Upper
 84 100
 49 124.7 101.5 152.3
 51 40.2 29.6 44.4
 86 60.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 5.133 ug/l

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

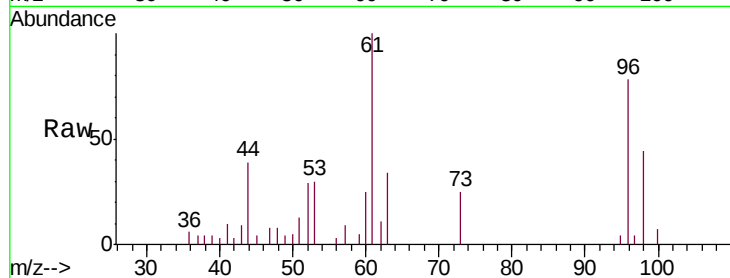
Tgt Ion: 96 Resp: 4751

Ion Ratio Lower Upper

96 100

61 128.0 112.1 168.1

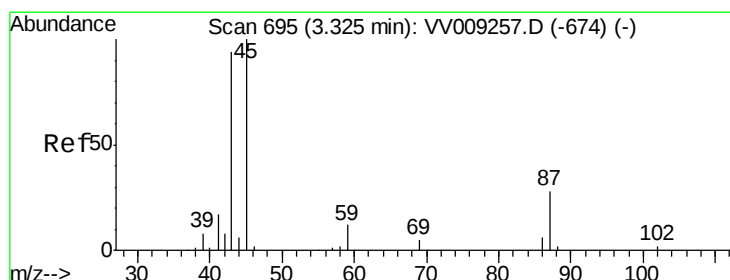
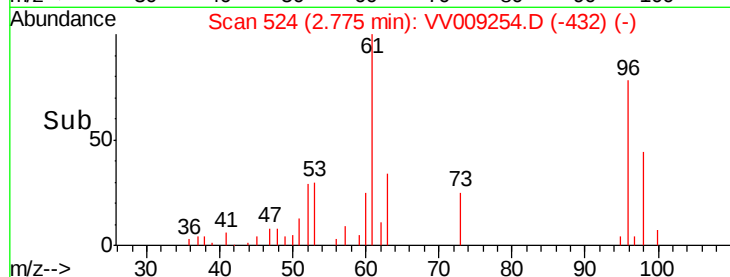
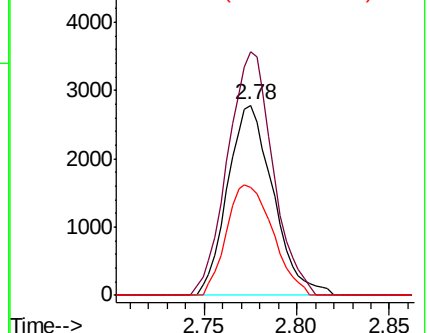
98 56.7 52.8 79.2



Abundance Ion 95.90 (95.60 to 96.60): VV009257.D (-513) (-)

Ion 60.90 (60.60 to 61.60): VV009257.D (-513) (-)

Ion 97.90 (97.60 to 98.60): VV009257.D (-513) (-)



#22

Diisopropyl ether

Concen: 4.936 ug/l

RT: 3.32 min Scan# 695

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion: 45 Resp: 15577

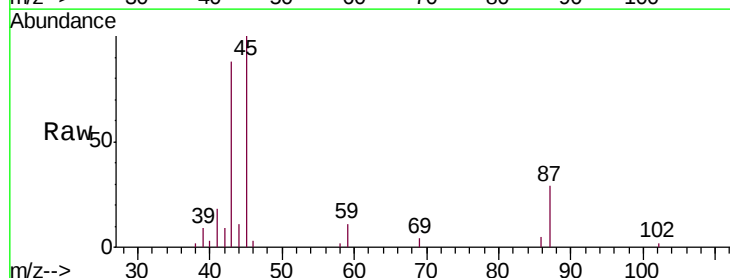
Ion Ratio Lower Upper

45 100

43 79.4 75.3 112.9

87 29.5 22.4 33.6

59 11.4 9.3 13.9

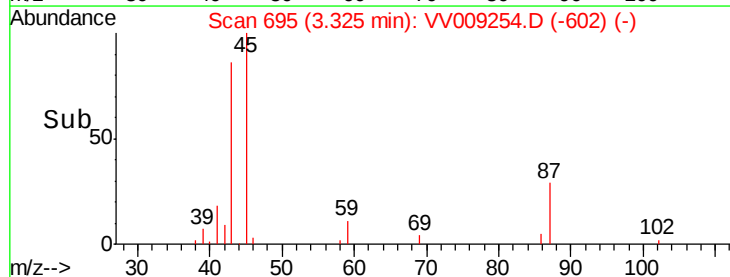
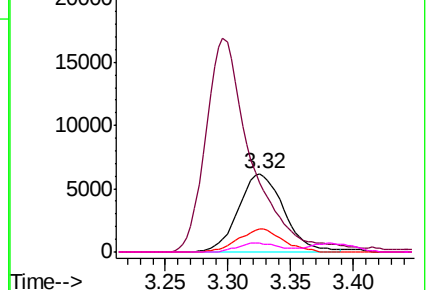


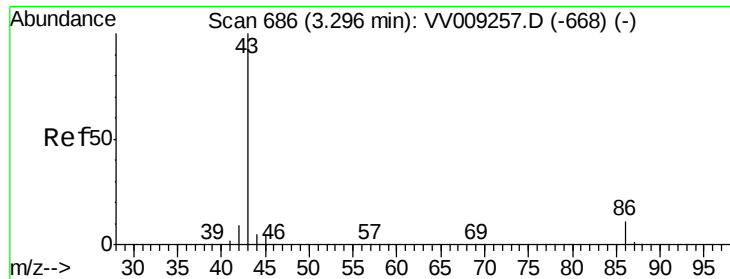
Abundance Ion 45.00 (44.70 to 45.70): VV009257.D (-674) (-)

Ion 43.00 (42.70 to 43.70): VV009257.D (-674) (-)

Ion 87.00 (86.70 to 87.70): VV009257.D (-674) (-)

Ion 59.00 (58.70 to 59.70): VV009257.D (-674) (-)





#23

Vinyl Acetate

Concen: 24.421 ug/l

RT: 3.30 min Scan# 686

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

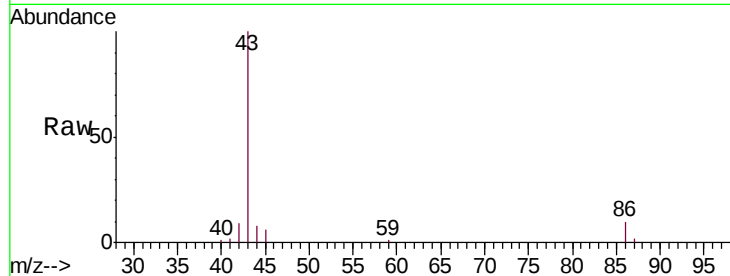
VSTDIC005

Tgt Ion: 43 Resp: 42833

Ion Ratio Lower Upper

43 100

86 10.5 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

15000

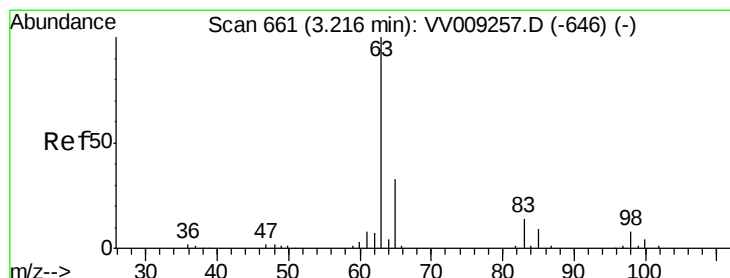
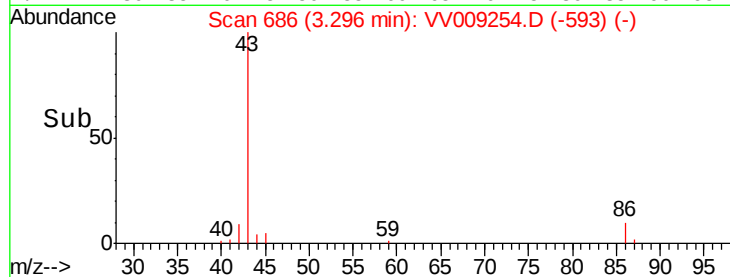
10000

5000

0

Time-->

3.20 3.30 3.40



#24

1,1-Dichloroethane

Concen: 4.977 ug/l

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

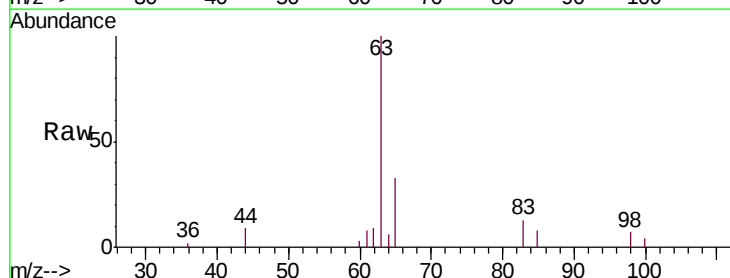
Tgt Ion: 63 Resp: 9758

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.1 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) (-)

3.21

6000

5000

4000

3000

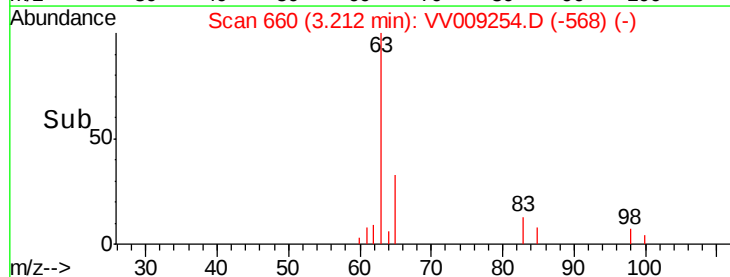
2000

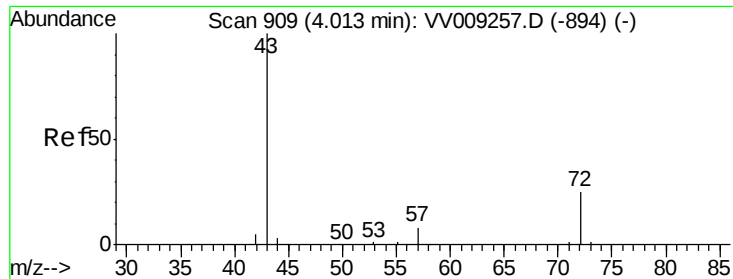
1000

0

Time-->

3.15 3.20 3.25 3.30

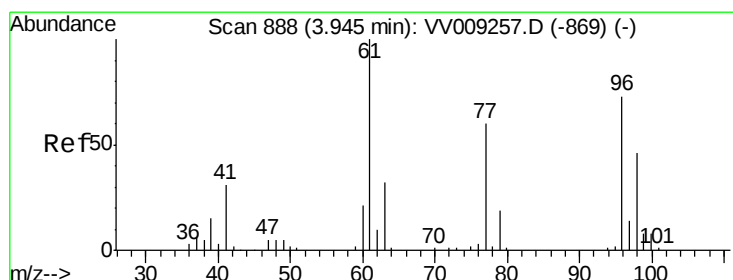
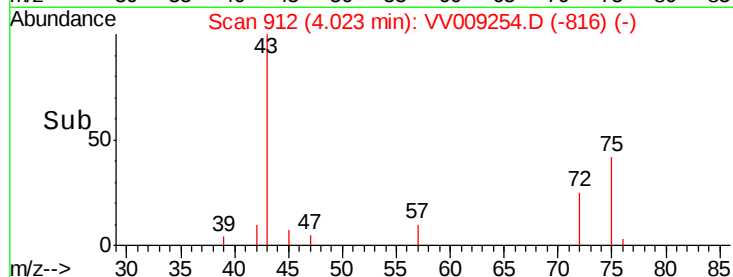
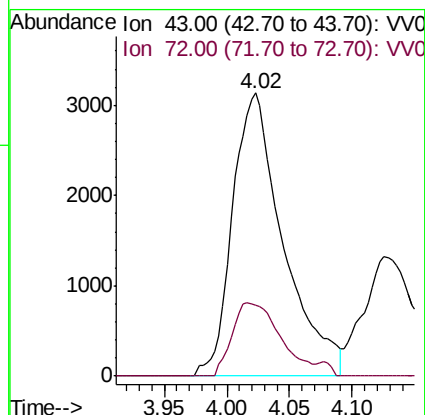
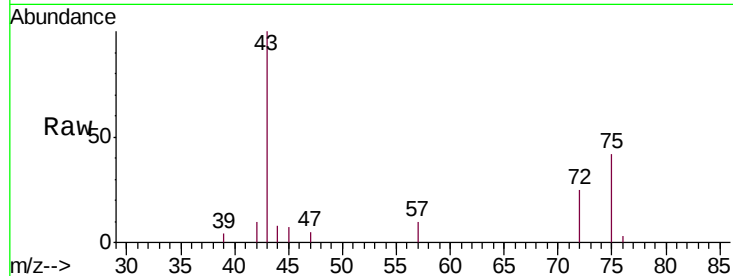




#25
2-Butanone
Concen: 27.635 ug/l
RT: 4.02 min Scan# 912
Delta R.T. 0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

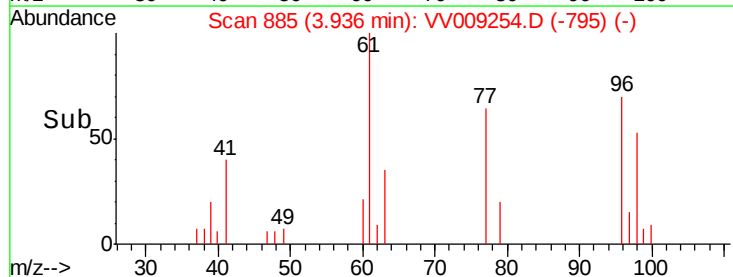
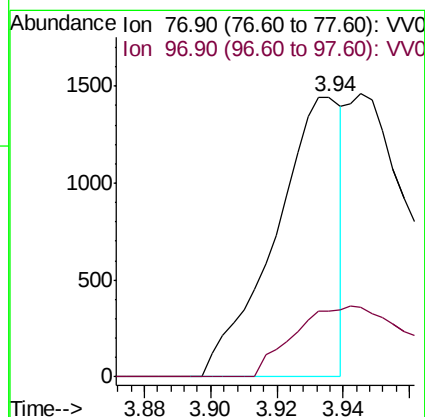
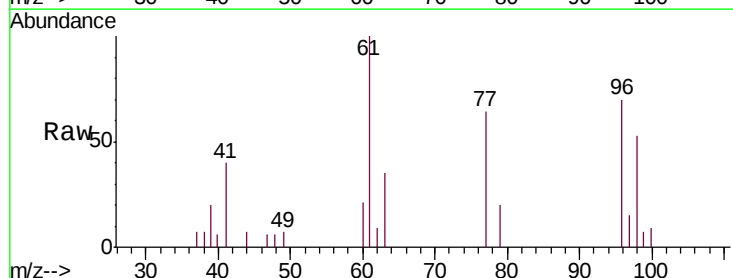
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

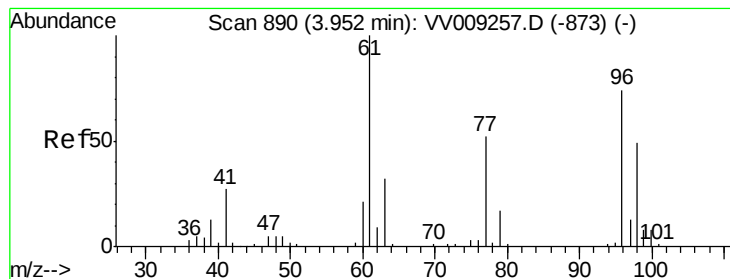
Tgt Ion: 43 Resp: 8810
Ion Ratio Lower Upper
43 100
72 25.0 20.2 30.4



#26
2,2-Dichloropropane
Concen: 1.865 ug/l
RT: 3.94 min Scan# 885
Delta R.T. -0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 77 Resp: 2014
Ion Ratio Lower Upper
77 100
97 47.9 11.7 35.1#



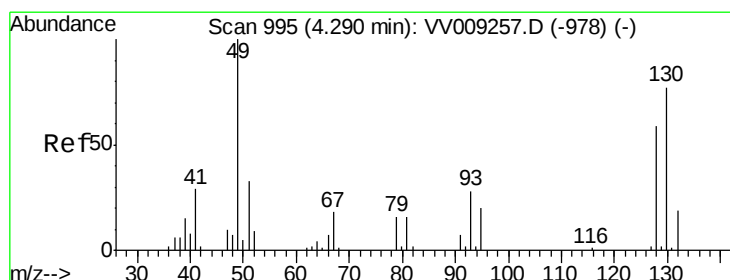
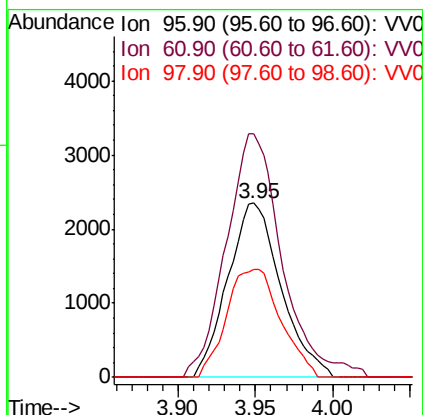
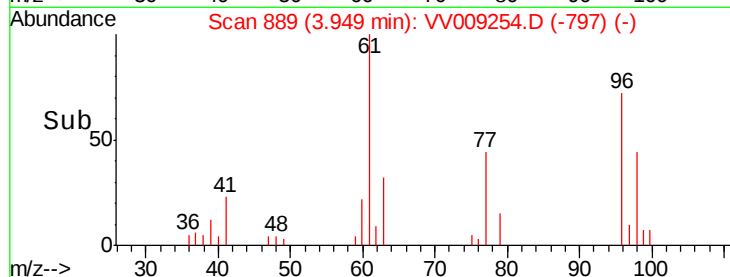
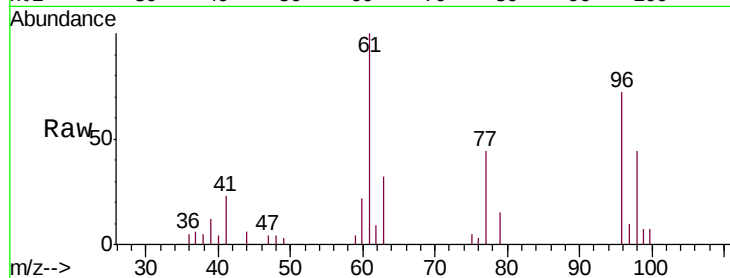


#27

cis-1,2-Dichloroethene
Concen: 4.999 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

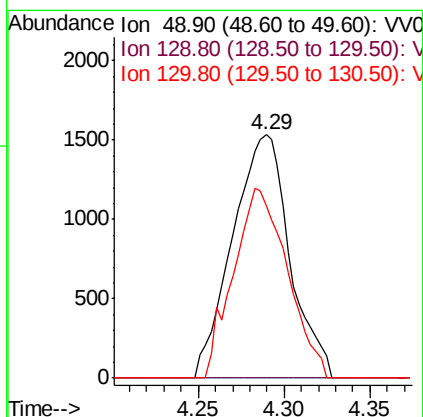
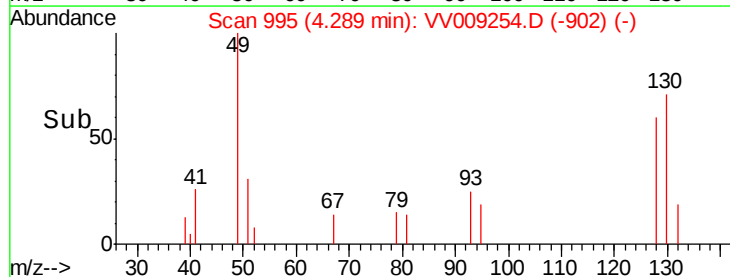
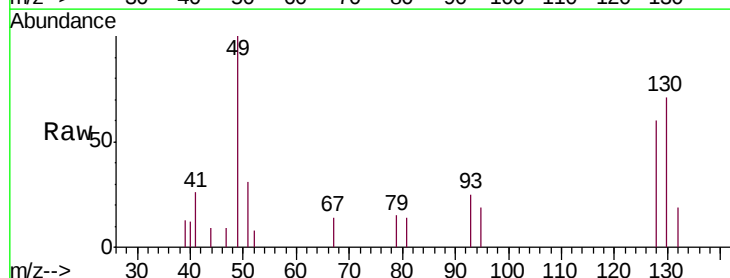
Tgt Ion: 96 Resp: 5624
Ion Ratio Lower Upper
96 100
61 146.6 0.0 277.6
98 63.0 0.0 127.6

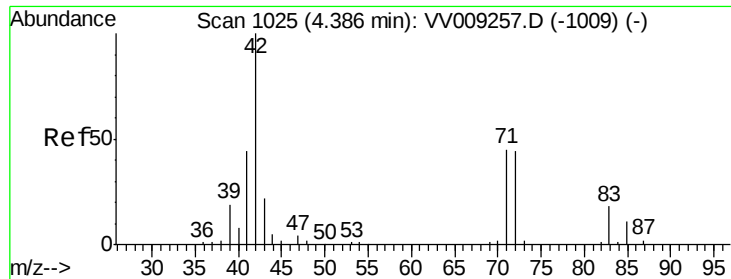


#28

Bromochloromethane
Concen: 4.781 ug/l
RT: 4.29 min Scan# 995
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 49 Resp: 3550
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 73.4 63.8 95.8

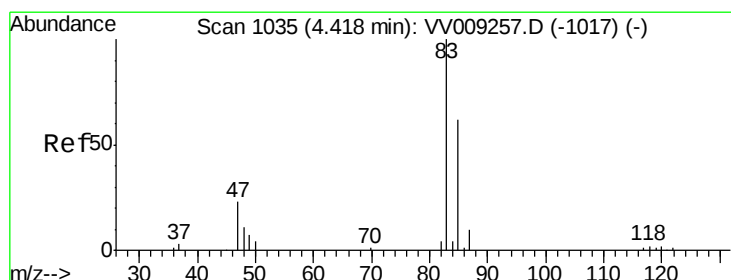
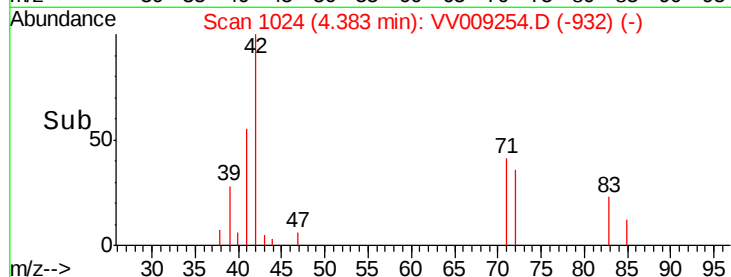
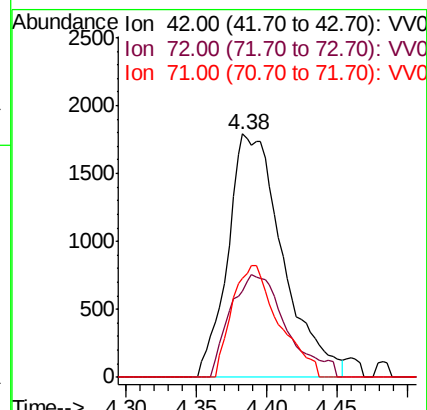
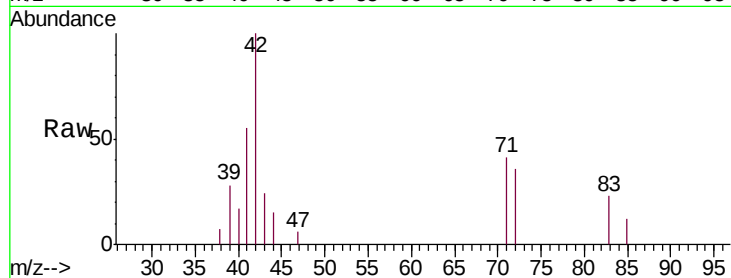




#29
Tetrahydrofuran
Concen: 27.547 ug/l
RT: 4.38 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

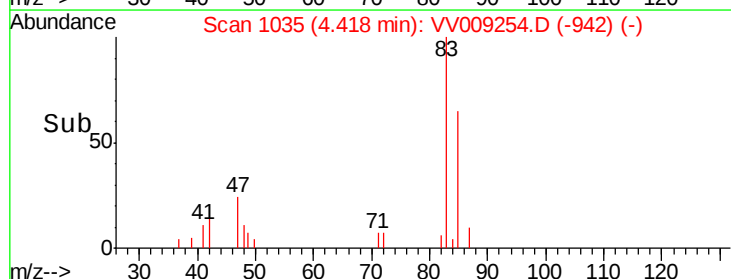
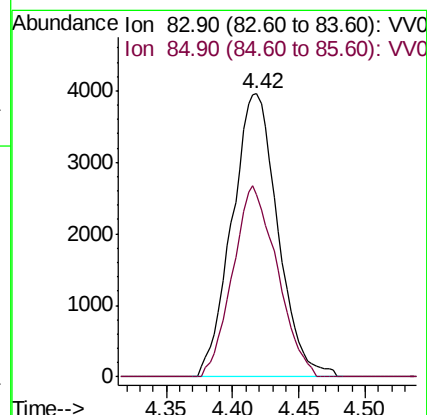
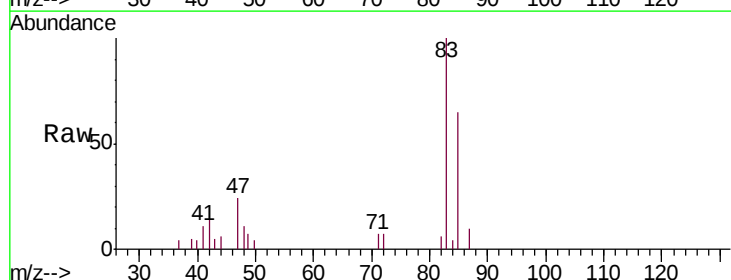
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

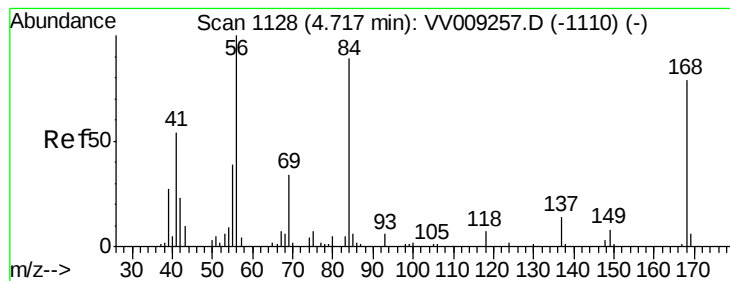
Tgt Ion: 42 Resp: 4868
Ion Ratio Lower Upper
42 100
72 43.2 36.0 54.0
71 39.0 33.3 49.9



#30
Chloroform
Concen: 4.848 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 83 Resp: 9524
Ion Ratio Lower Upper
83 100
85 64.6 49.9 74.9





#31

Cyclohexane

Concen: 5.428 ug/l

RT: 4.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

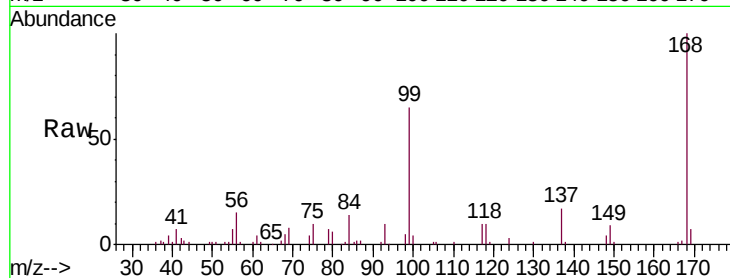
Tgt Ion: 56 Resp: 9731

Ion Ratio Lower Upper

56 100

69 52.8 27.5 41.3#

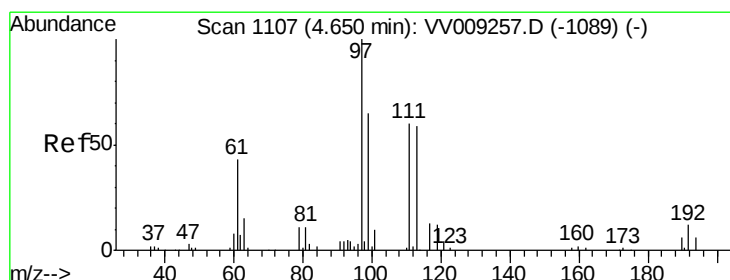
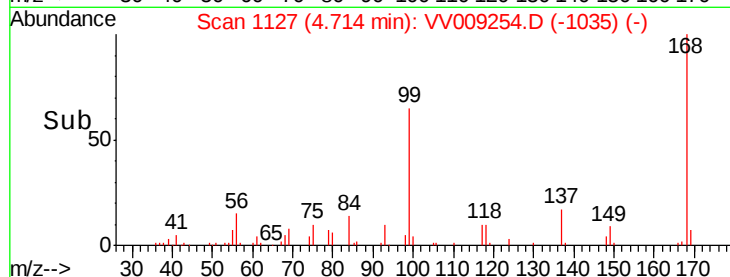
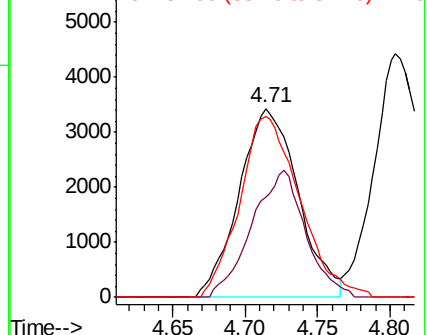
84 95.4 70.9 106.3



Abundance Ion 56.00 (55.70 to 56.70): VV009257.D (-1110) (-)

Ion 69.00 (68.70 to 69.70): VV009257.D (-1110) (-)

Ion 84.00 (83.70 to 84.70): VV009257.D (-1110) (-)



#32

1,1,1-Trichloroethane

Concen: 4.340 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

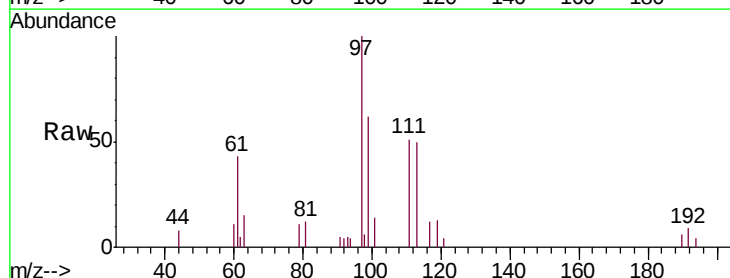
Tgt Ion: 97 Resp: 7106

Ion Ratio Lower Upper

97 100

99 66.0 49.8 74.8

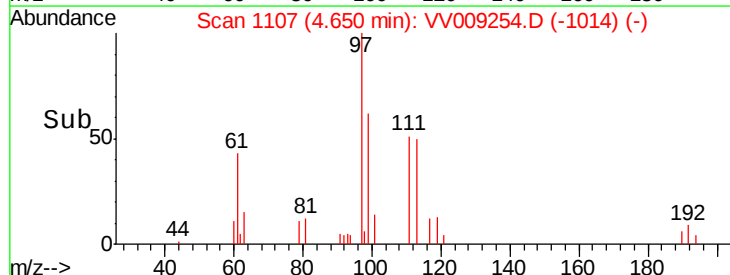
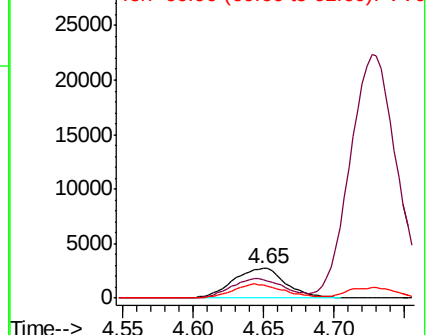
61 45.5 33.4 50.0

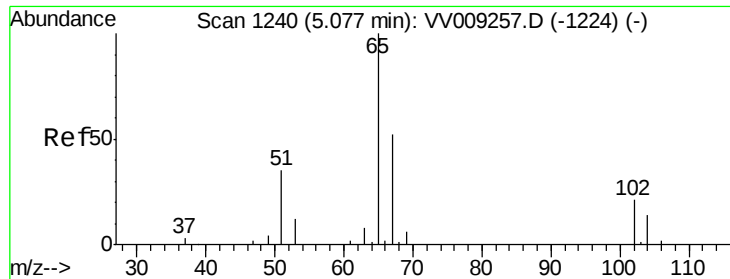


Abundance Ion 96.90 (96.60 to 97.60): VV009257.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VV009257.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VV009257.D (-1089) (-)

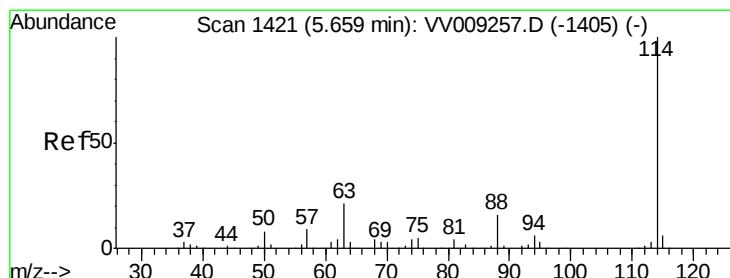
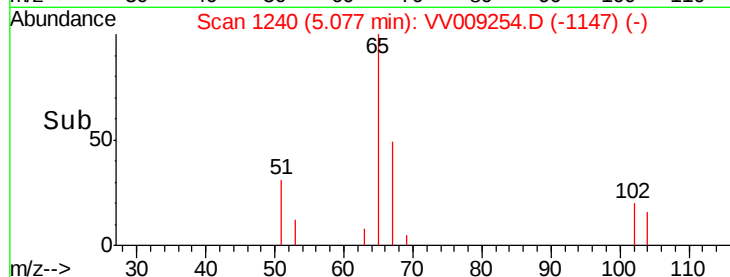
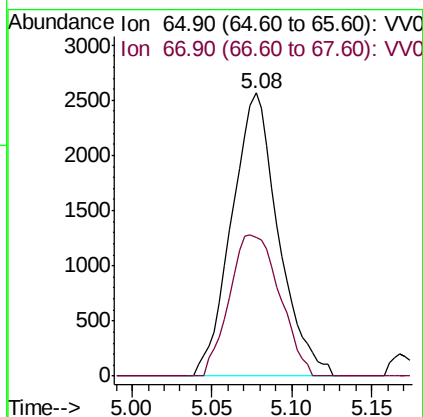
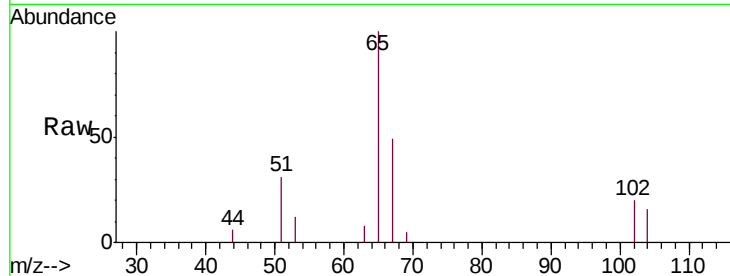




#33
 1,2-Dichloroethane-d4
 Concen: 4.943 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

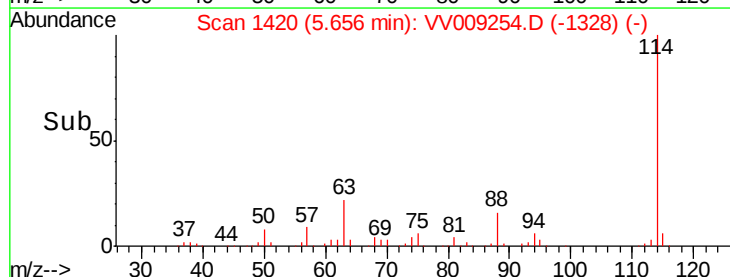
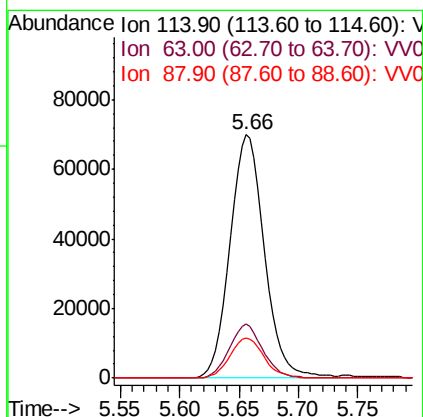
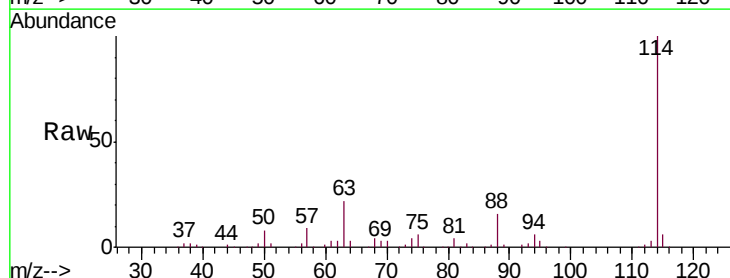
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

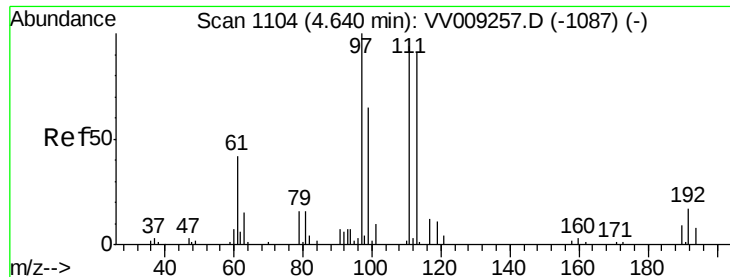
Tgt Ion: 65 Resp: 5112
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 114 Resp: 140666
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.4
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 4.997 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

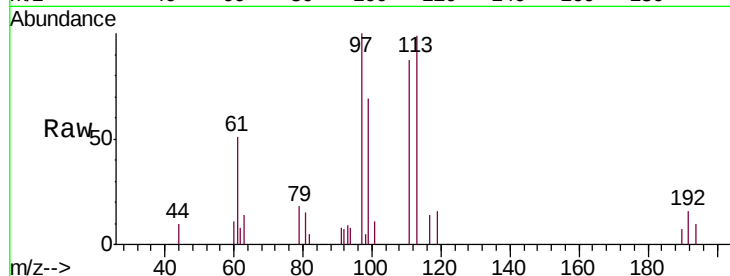
Tgt Ion:113 Resp: 4685

Ion Ratio Lower Upper

113 100

111 97.6 82.3 123.5

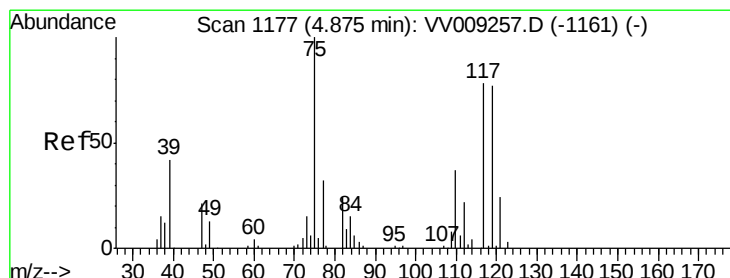
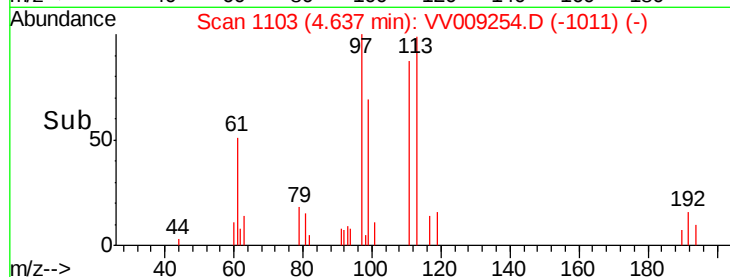
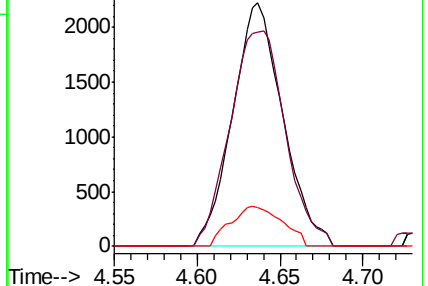
192 16.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

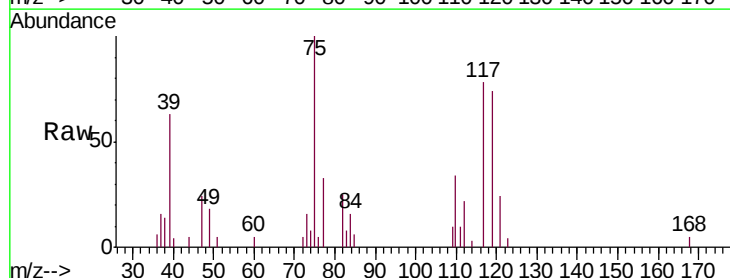
Tgt Ion: 75 Resp: 7065

Ion Ratio Lower Upper

75 100

110 17.5 17.6 52.9#

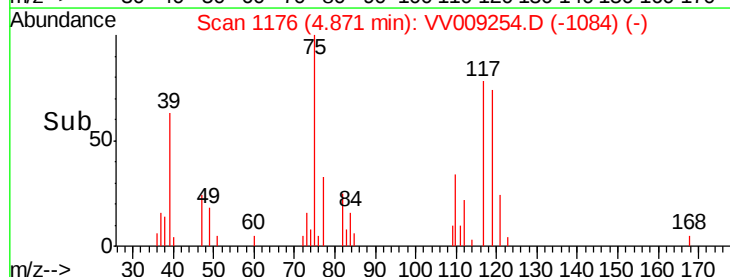
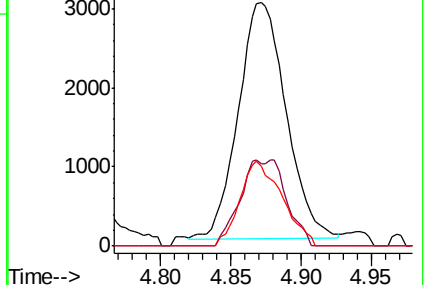
77 31.8 25.5 38.3

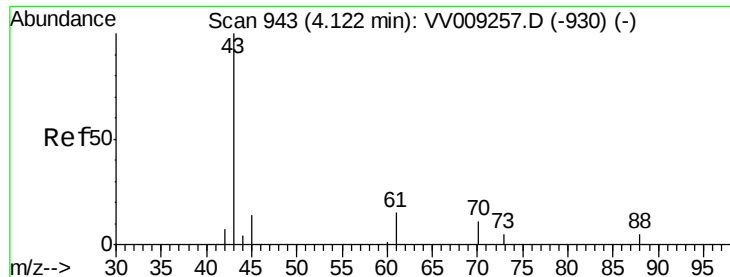


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VV0





#37

Ethyl Acetate

Concen: 4.031 ug/l

RT: 4.13 min Scan# 944

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

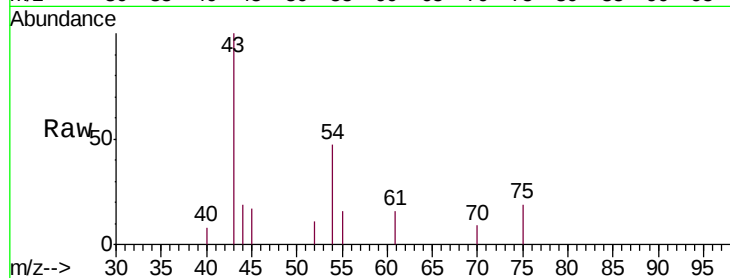
Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

61 16.1 10.6 15.8#

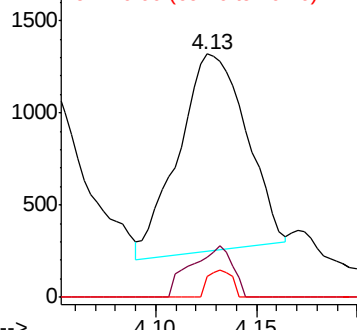
70 4.9 8.0 12.0#



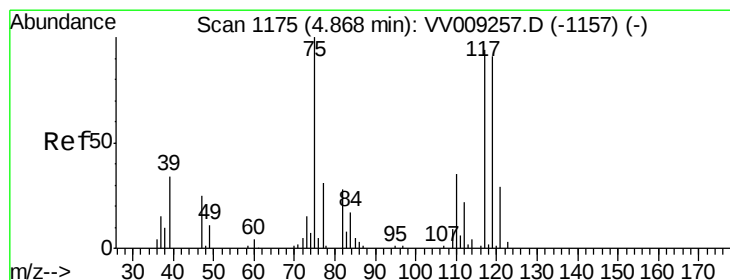
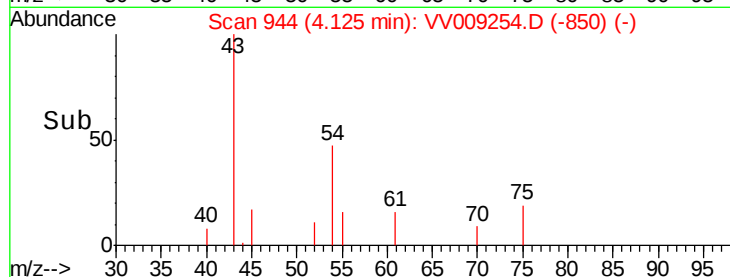
Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-930) (-)

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

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



Time-->



#38

Carbon Tetrachloride

Concen: 4.527 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. -0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

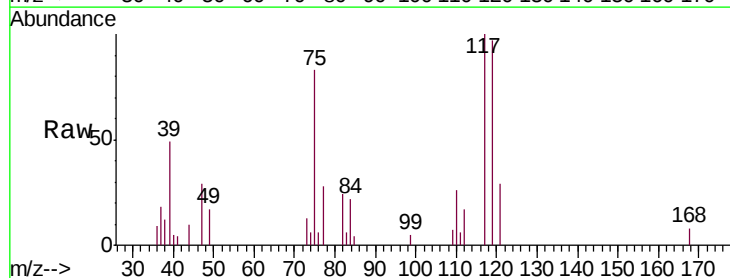
Tgt Ion: 117 Resp: 6859

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.2

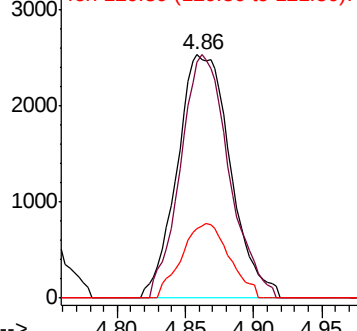
121 28.7 24.8 37.2



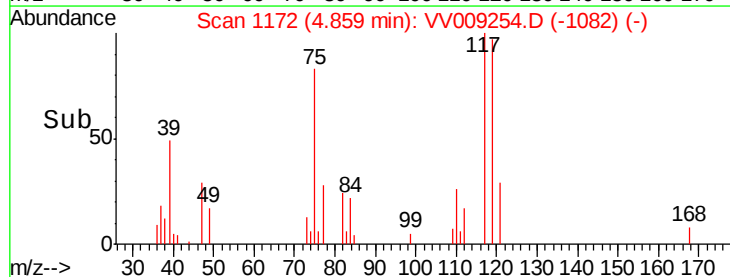
Abundance Ion 116.80 (116.50 to 117.50): VV009257.D (-1157) (-)

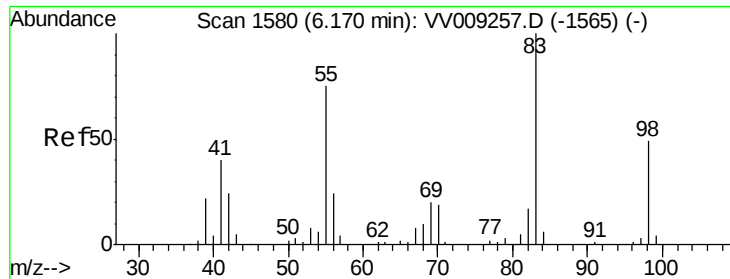
Ion 118.80 (118.50 to 119.50): VV009257.D (-1157) (-)

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



Time-->

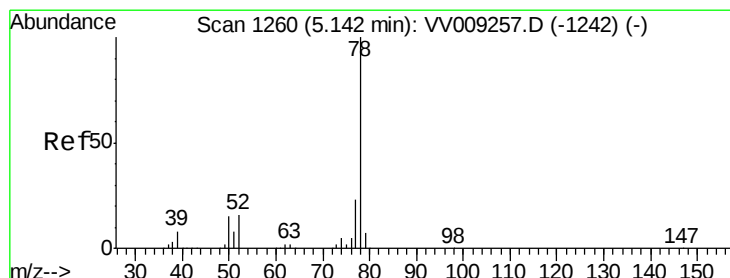
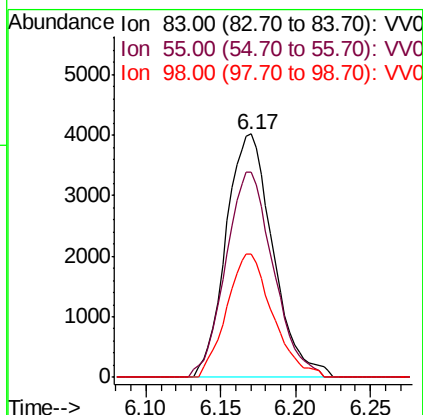
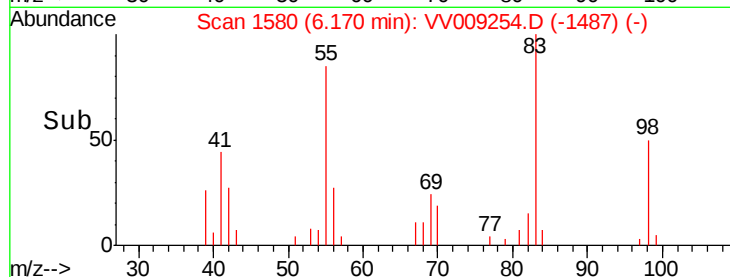
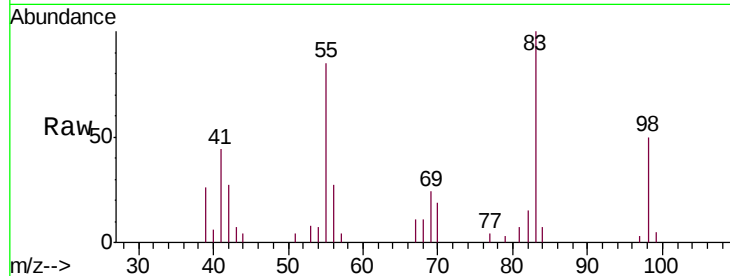




#39
Methylcyclohexane
Concen: 4.829 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

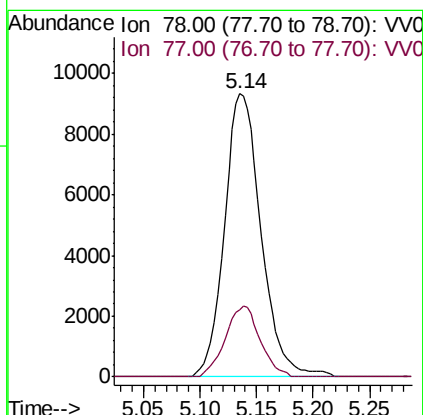
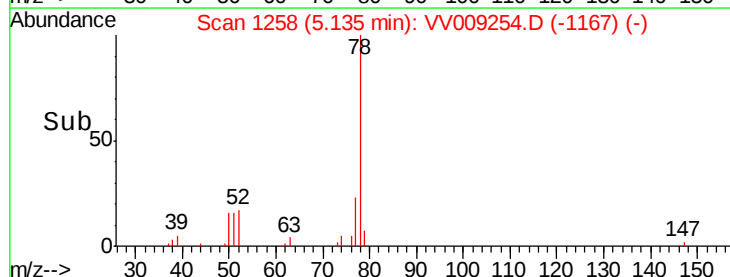
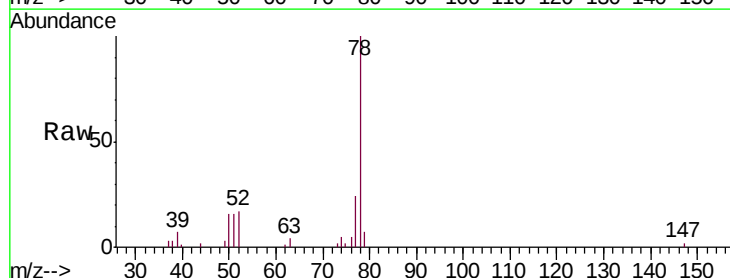
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

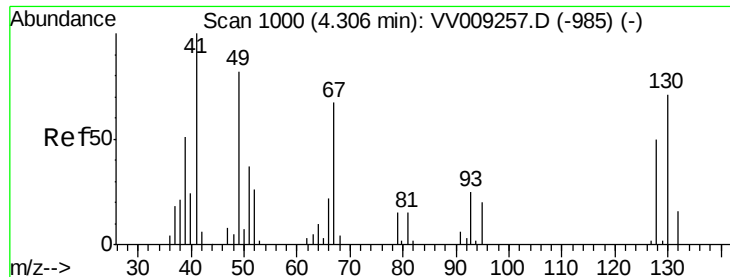
Tgt Ion: 83 Resp: 8774
Ion Ratio Lower Upper
83 100
55 84.5 60.1 90.1
98 50.4 39.2 58.8



#40
Benzene
Concen: 4.890 ug/l
RT: 5.14 min Scan# 1258
Delta R.T. -0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 78 Resp: 20967
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

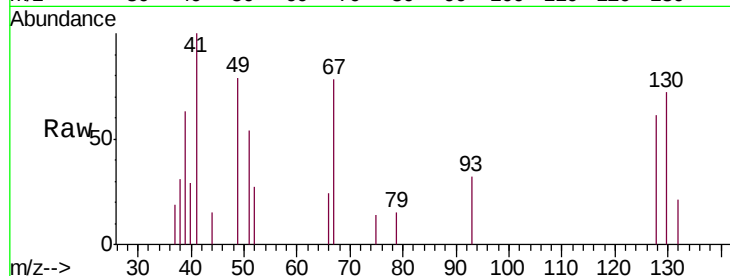




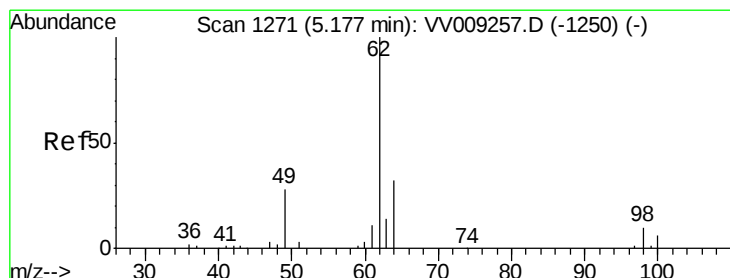
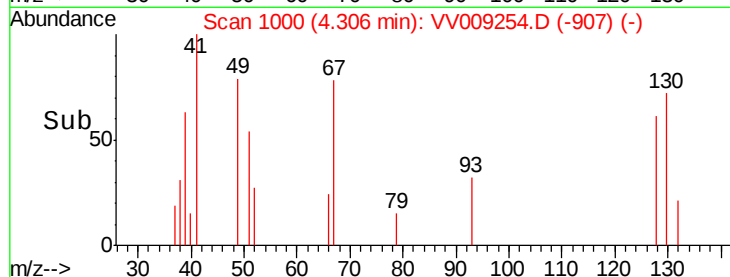
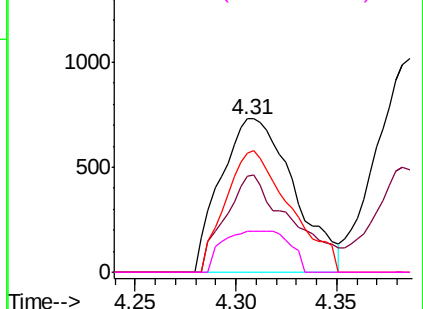
#41
Methacrylonitrile
Concen: 5.034 ug/l
RT: 4.31 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 1851
Ion Ratio Lower Upper
41 100
39 58.9 42.3 63.5
67 69.4 57.4 86.2
52 24.3 26.7 40.1#

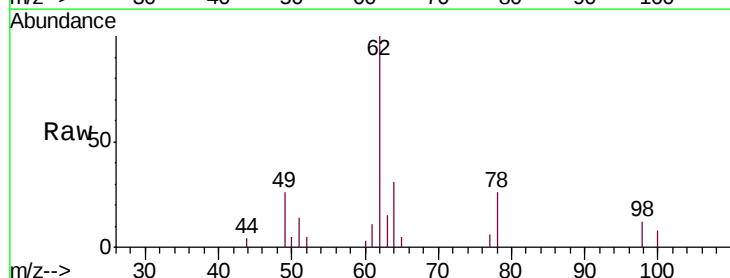


Abundance Ion 41.00 (40.70 to 41.70): VV0
Ion 39.00 (38.70 to 39.70): VV0
Ion 67.00 (66.70 to 67.70): VV0
Ion 52.00 (51.70 to 52.70): VV0

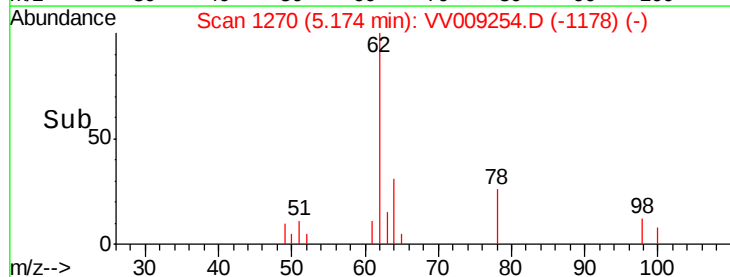
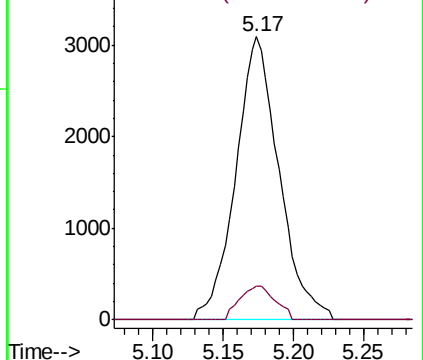


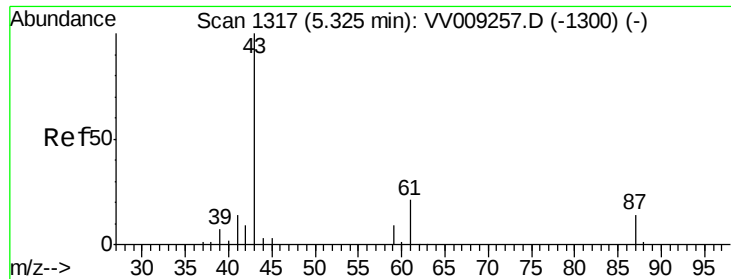
#42
1,2-Dichloroethane
Concen: 4.945 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 62 Resp: 6639
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VV0
Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 5.337 ug/l

RT: 5.33 min Scan# 1320

Delta R.T. 0.01 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

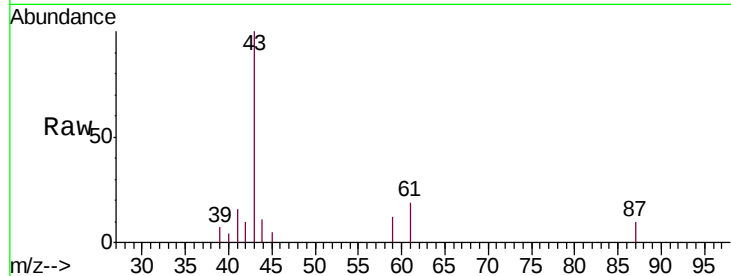
Tgt Ion: 43 Resp: 6432

Ion Ratio Lower Upper

43 100

61 17.6 15.8 23.6

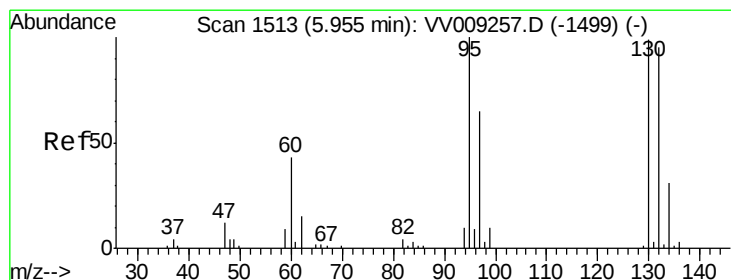
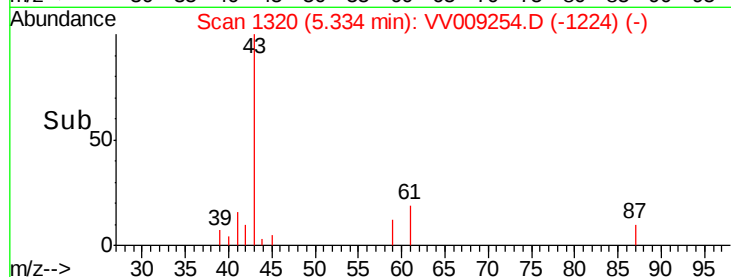
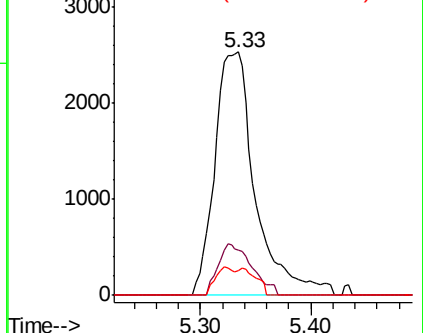
87 5.4 10.1 15.1#



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

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

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



#44

Trichloroethene

Concen: 5.235 ug/l

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV009254.D

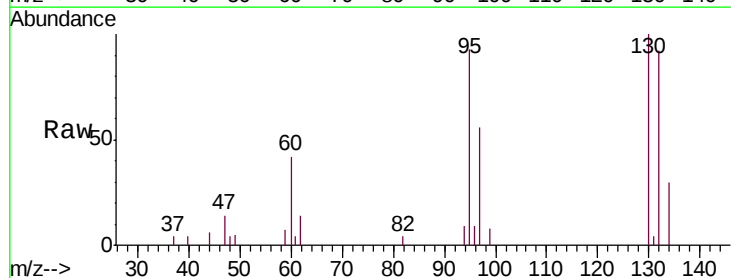
Acq: 24 Jan 2019 12:24

Tgt Ion: 130 Resp: 5919

Ion Ratio Lower Upper

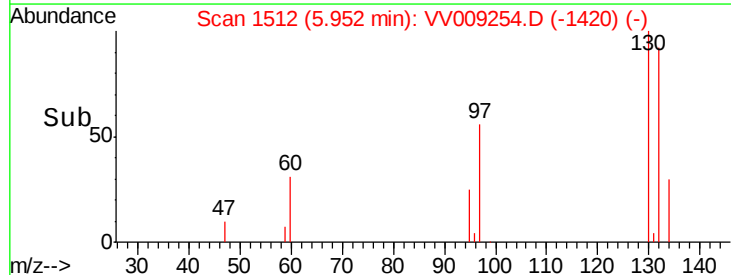
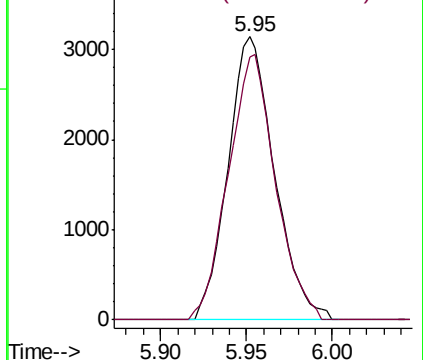
130 100

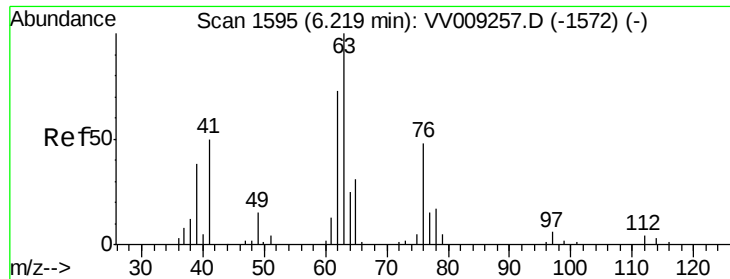
95 92.9 0.0 201.4



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

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





#45

1,2-Dichloropropane

Concen: 5.027 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

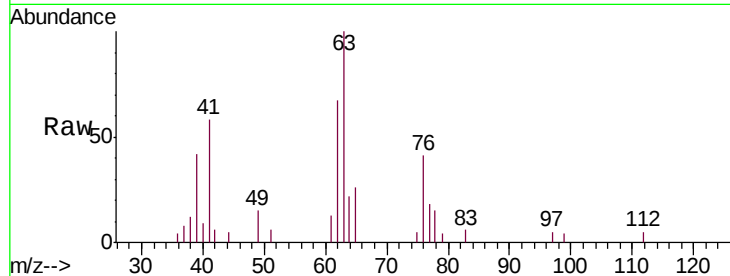
VSTDIC005

Tgt Ion: 63 Resp: 5206

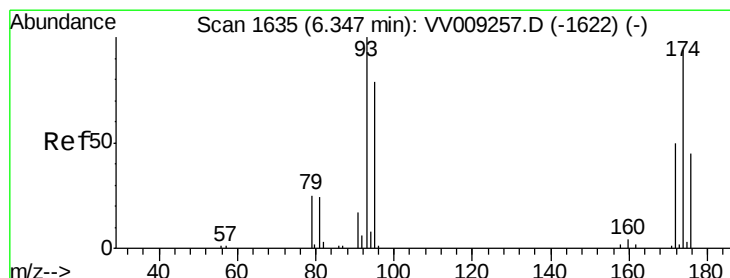
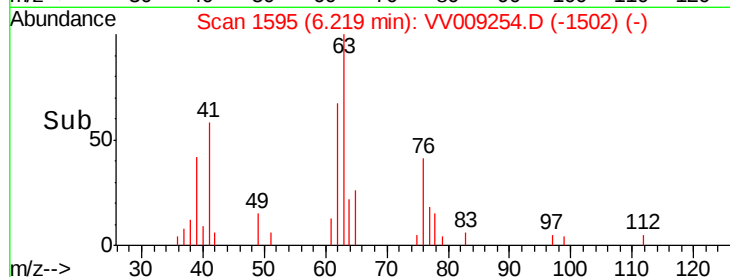
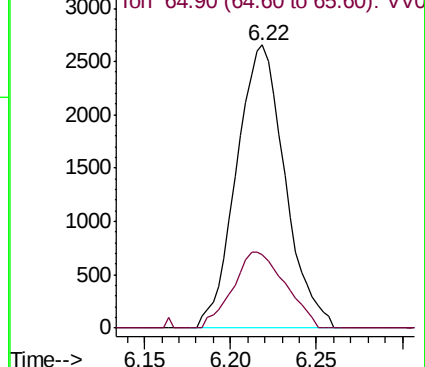
Ion Ratio Lower Upper

63 100

65 25.8 25.4 38.2



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



#46

Dibromomethane

Concen: 5.205 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

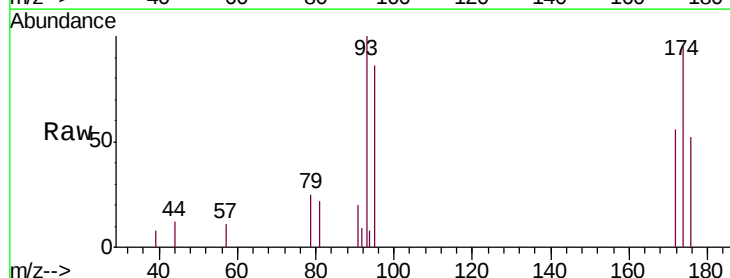
Tgt Ion: 93 Resp: 2803

Ion Ratio Lower Upper

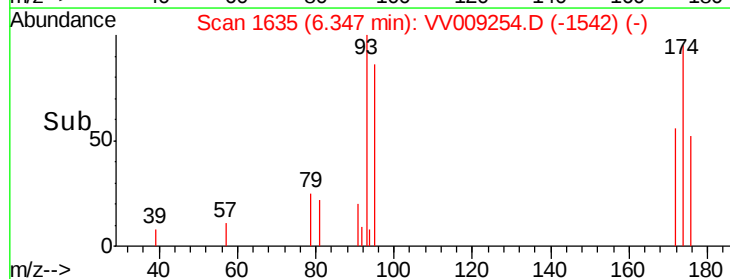
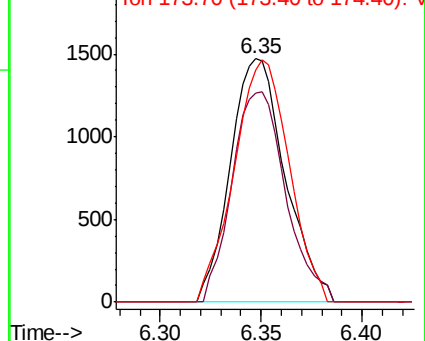
93 100

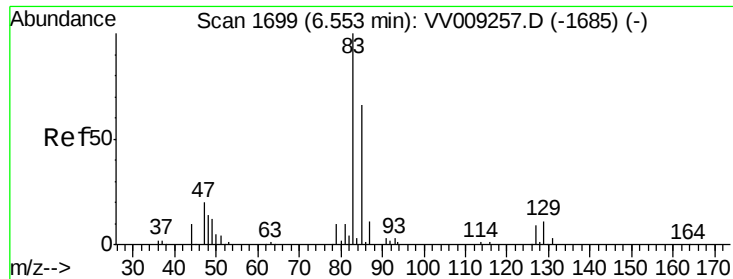
95 84.5 65.3 97.9

174 99.6 77.0 115.4



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





#47

Bromodichloromethane

Concen: 4.747 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

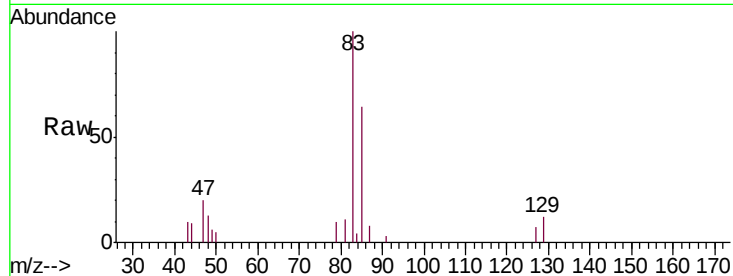
Tgt Ion: 83 Resp: 6637

Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0

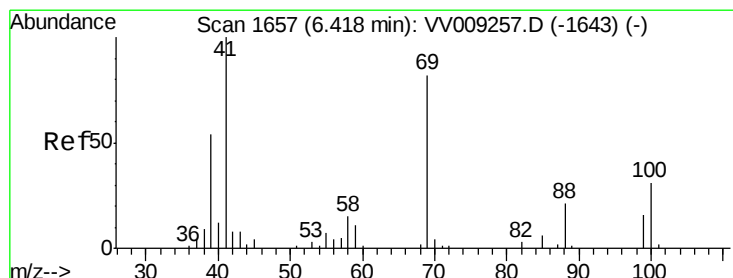
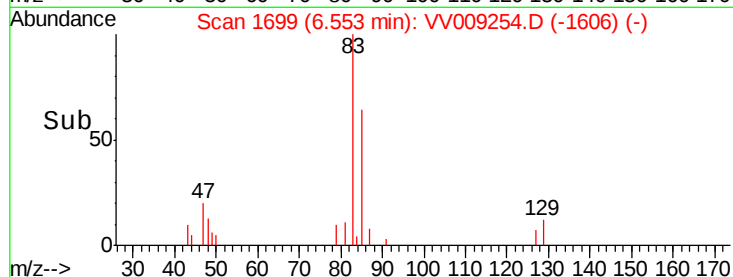
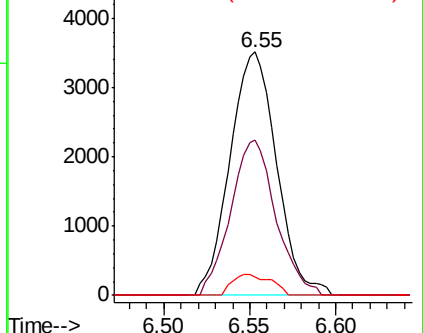
127 7.4 7.0 10.6



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: 5.035 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

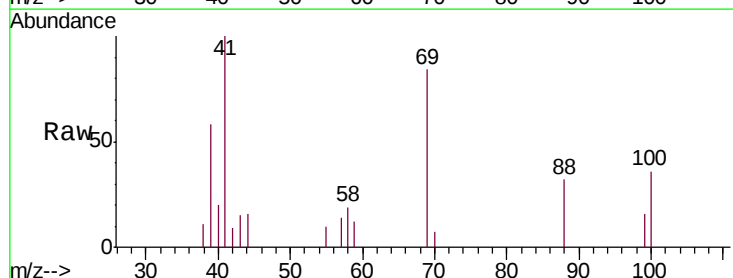
Tgt Ion: 41 Resp: 3081

Ion Ratio Lower Upper

41 100

69 81.1 68.6 103.0

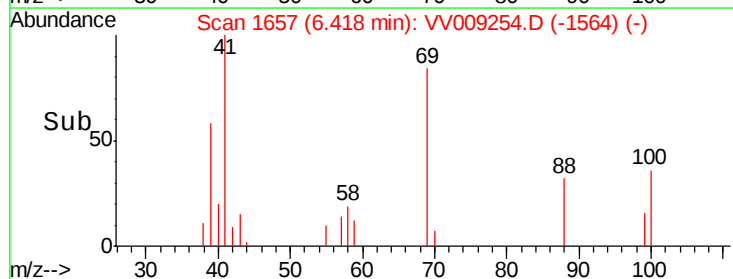
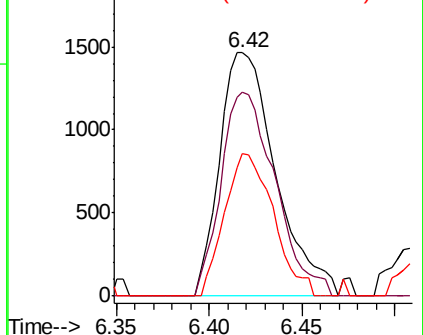
39 50.9 43.2 64.8

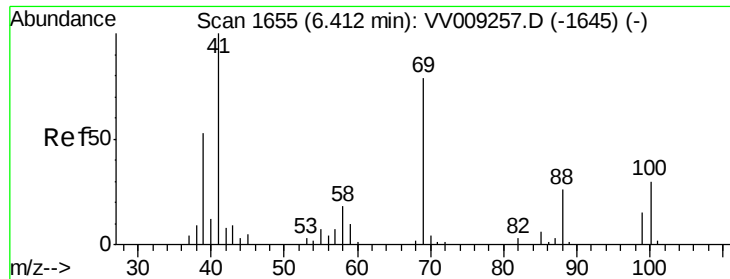


Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-1643) (-)

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

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

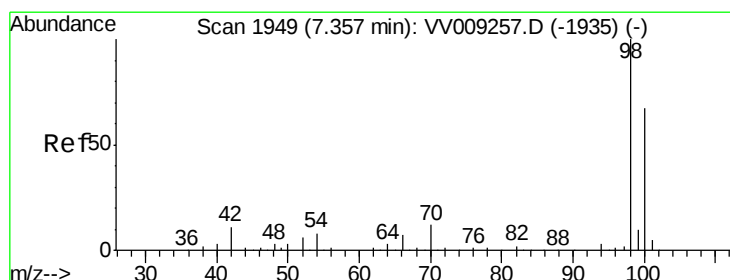
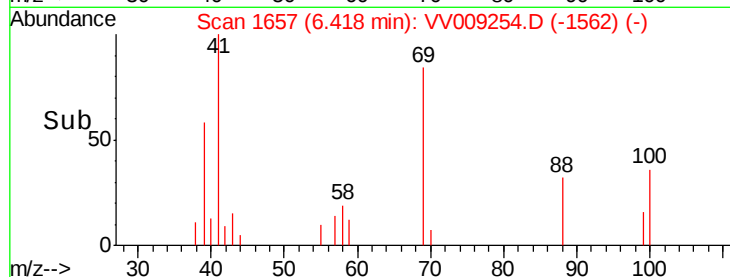
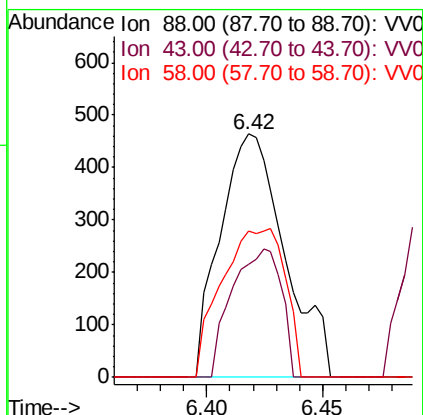
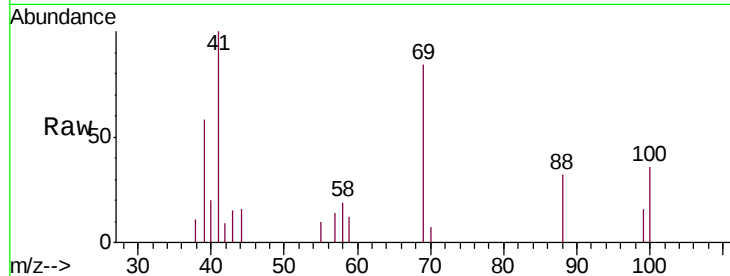




#49
1,4-Dioxane
Concen: 124.414 ug/l
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

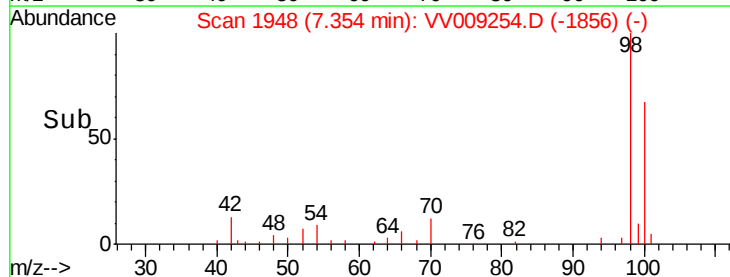
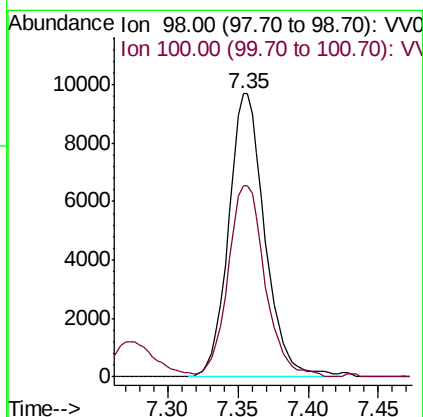
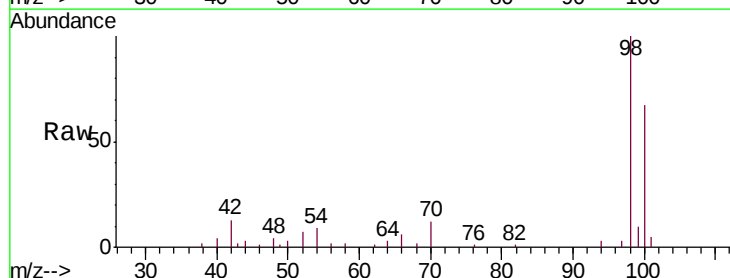
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

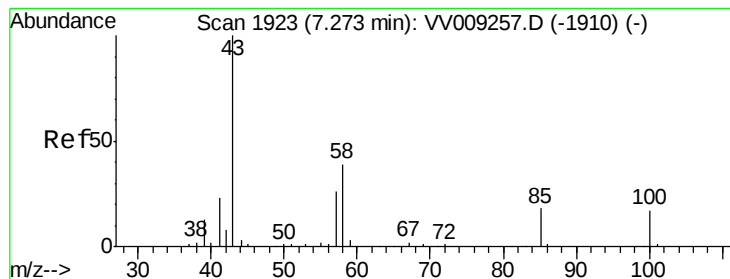
Tgt Ion: 88 Resp: 898
Ion Ratio Lower Upper
88 100
43 40.3 28.3 42.5
58 59.9 50.0 75.0



#50
Toluene-d8
Concen: 4.803 ug/l
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 98 Resp: 17383
Ion Ratio Lower Upper
98 100
100 69.4 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 28.486 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

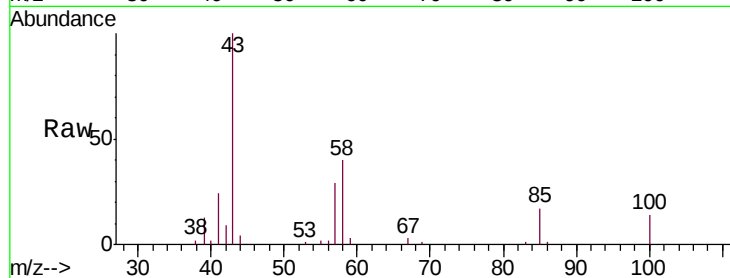
VSTDIC005

Tgt Ion: 43 Resp: 17513

Ion Ratio Lower Upper

43 100

58 37.2 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

8000

6000

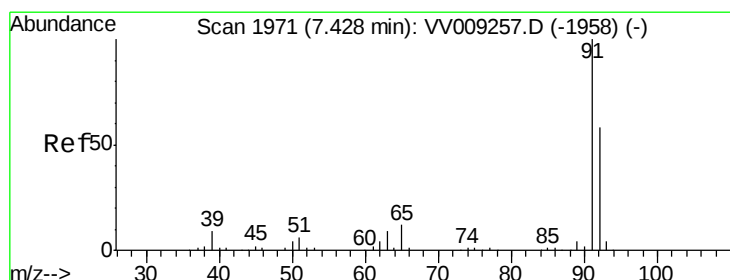
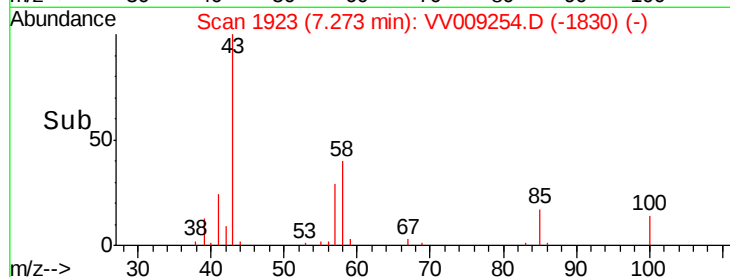
4000

2000

0

7.20 7.25 7.30 7.35 7.40

Time-->



#52

Toluene

Concen: 4.851 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV009254.D

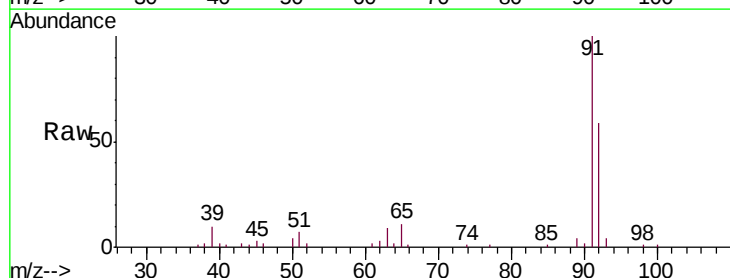
Acq: 24 Jan 2019 12:24

Tgt Ion: 92 Resp: 13122

Ion Ratio Lower Upper

92 100

91 170.4 137.2 205.8



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

15000

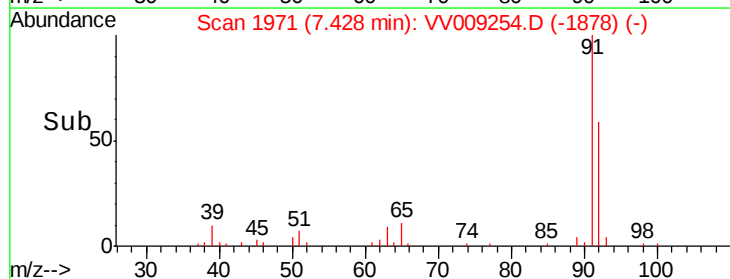
10000

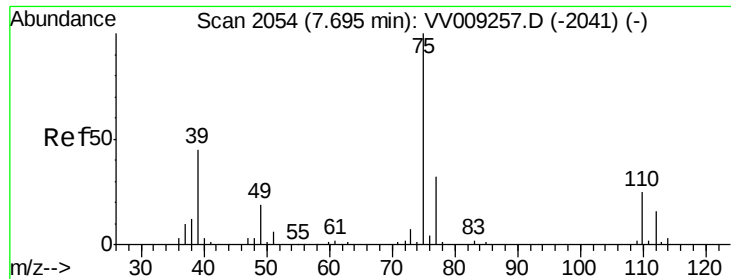
5000

0

7.35 7.40 7.45 7.50

Time-->

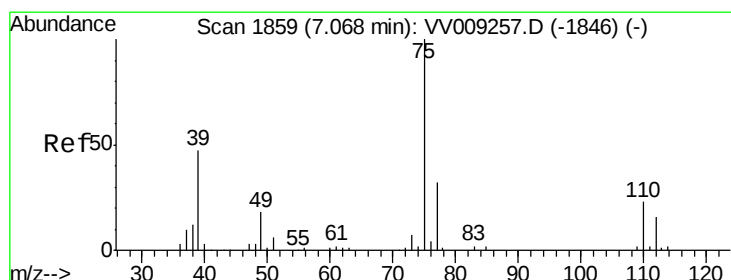
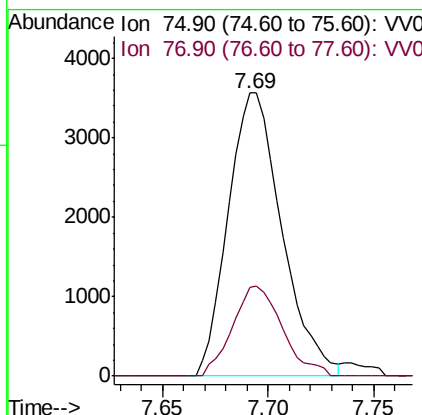
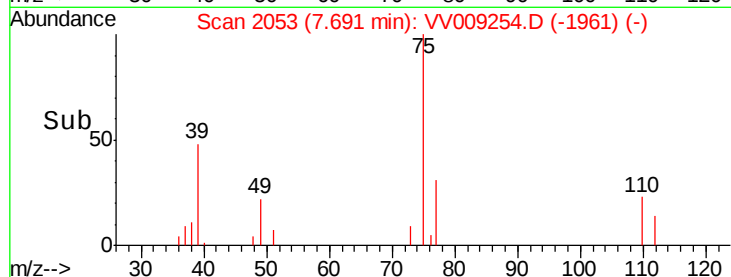
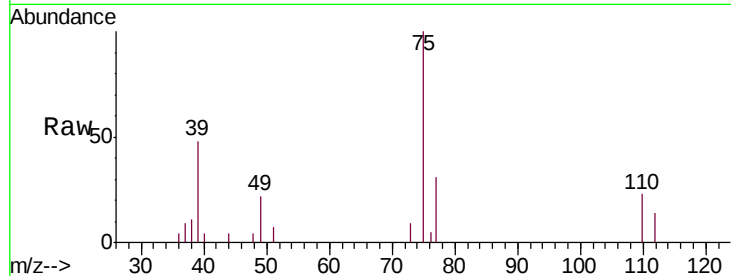




#53
 t-1,3-Dichloropropene
 Concen: 4.605 ug/l
 RT: 7.69 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

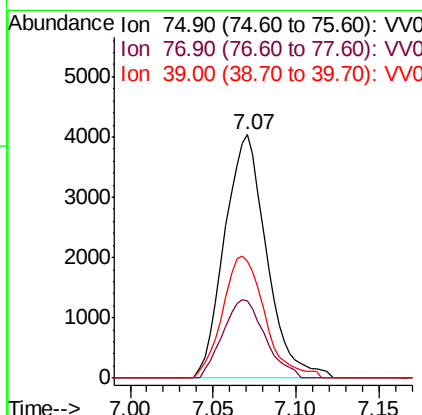
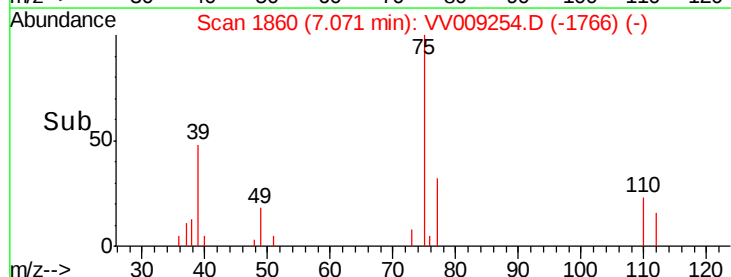
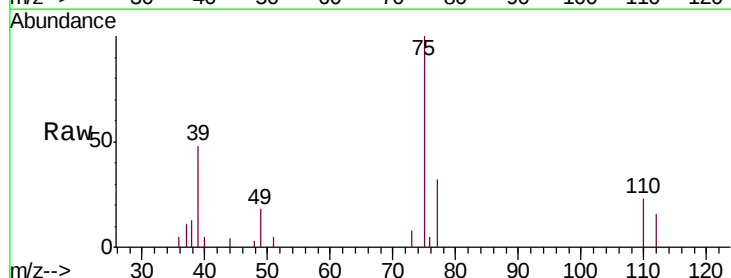
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

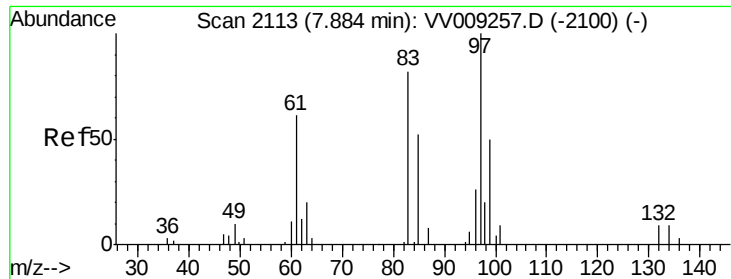
Tgt Ion: 75 Resp: 6312
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 75 Resp: 7126
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 48.2 38.0 57.0

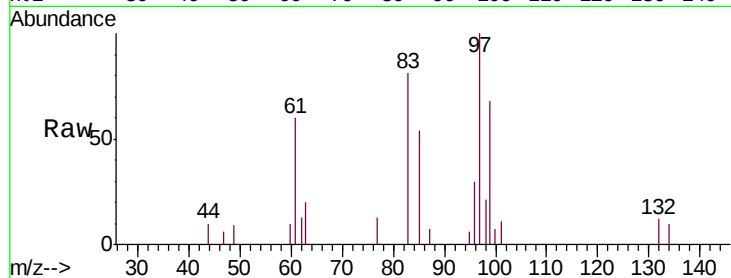




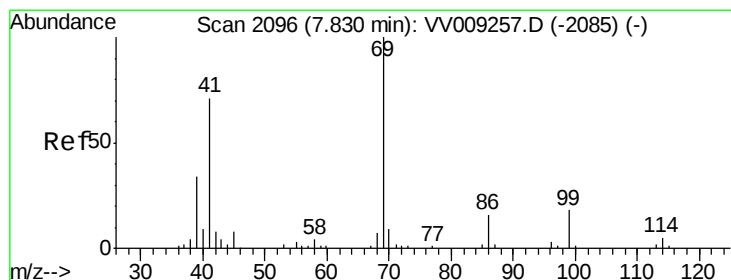
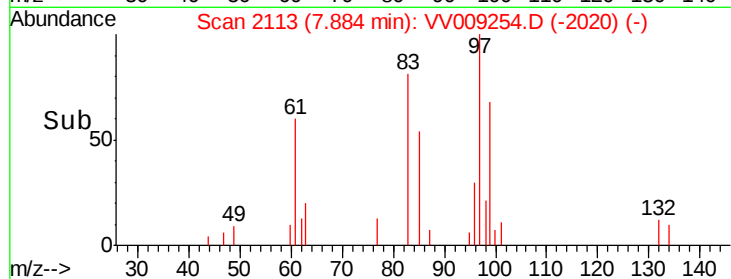
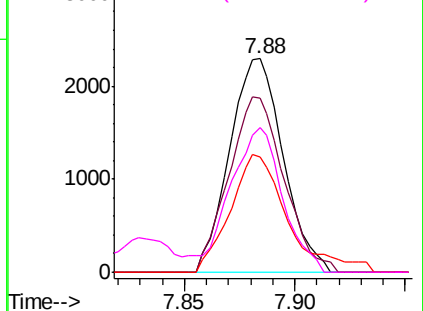
#55
 1,1,2-Trichloroethane
 Concen: 5.049 ug/l
 RT: 7.88 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	3857
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.6	98.4
85	54.0	41.8	62.8
99	67.9	49.8	74.8

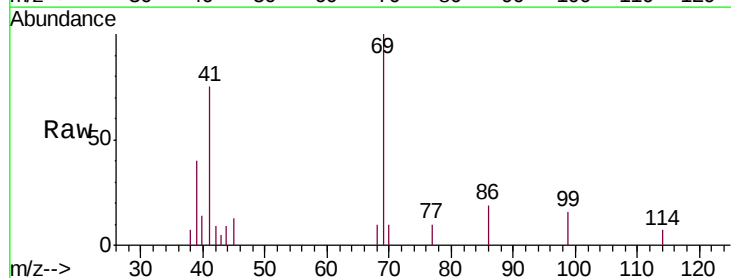


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

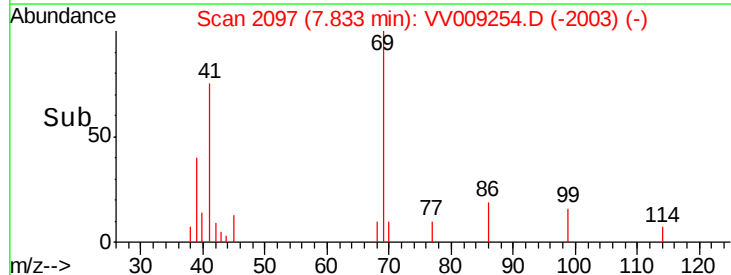
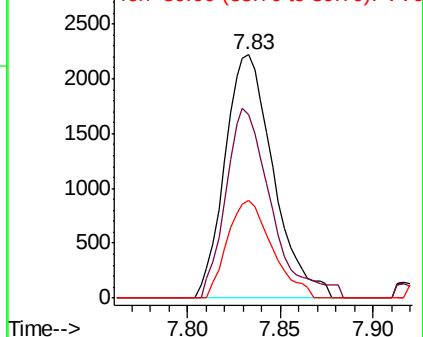


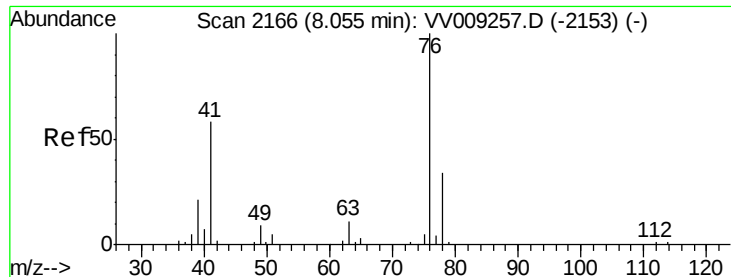
#56
 Ethyl methacrylate
 Concen: 4.535 ug/l
 RT: 7.83 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion:	69	Resp:	4028
Ion	Ratio	Lower	Upper
69	100		
41	73.2	54.6	81.8
39	37.1	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: 5.210 ug/l

RT: 8.06 min Scan# 2167

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

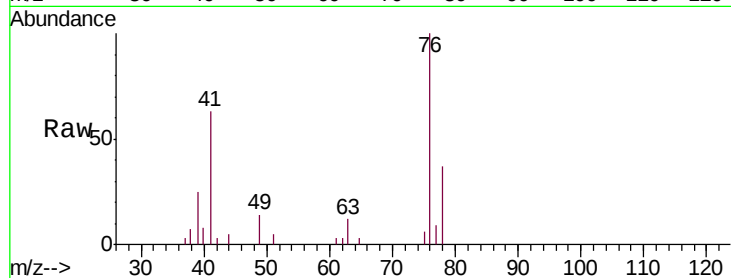
VSTDIC005

Tgt Ion: 76 Resp: 7125

Ion Ratio Lower Upper

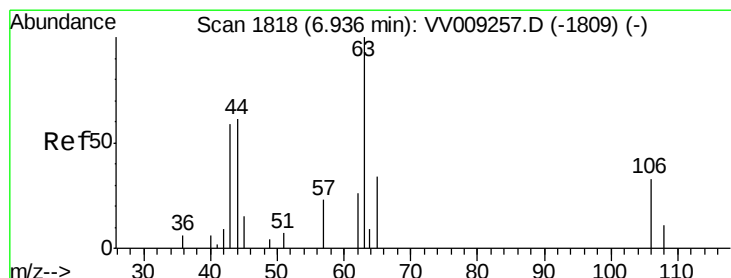
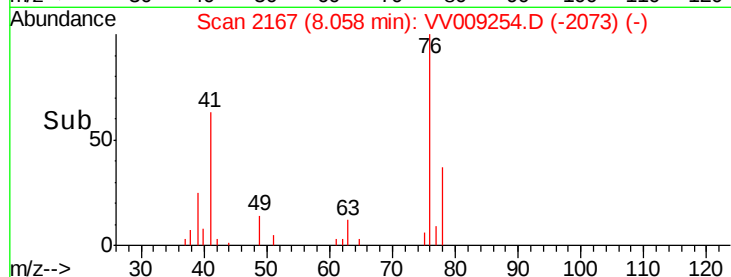
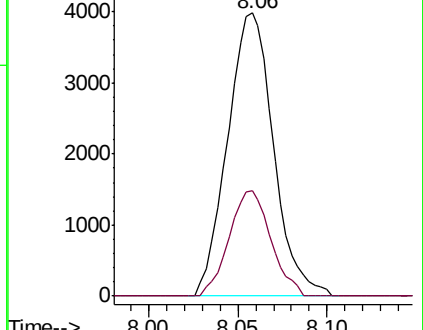
76 100

78 33.7 26.6 40.0



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

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



#58

2-Chloroethyl Vinyl ether

Concen: 1.285 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VV009254.D

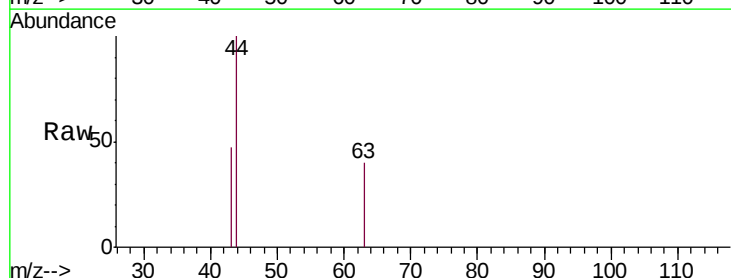
Acq: 24 Jan 2019 12:24

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

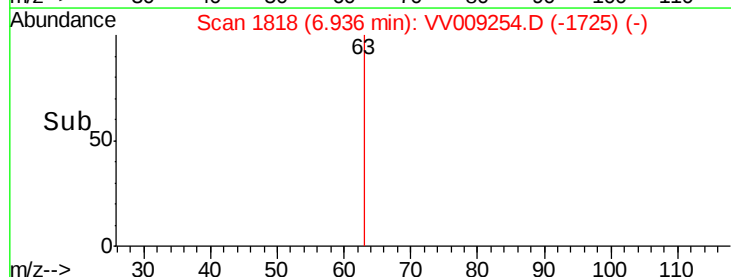
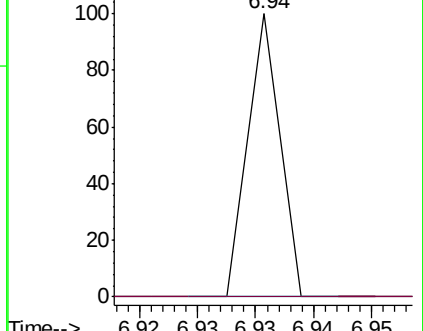
63 100

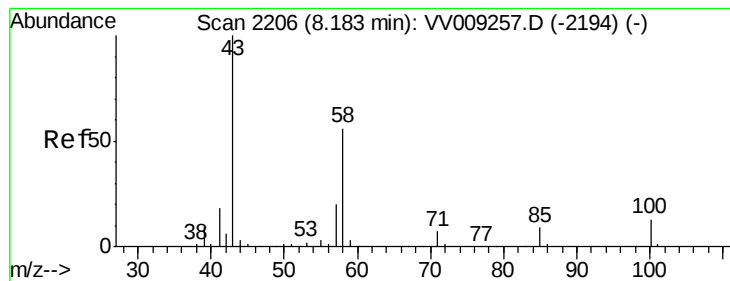
106 0.0 21.0 31.6#



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

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





#59

2-Hexanone

Concen: 27.536 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

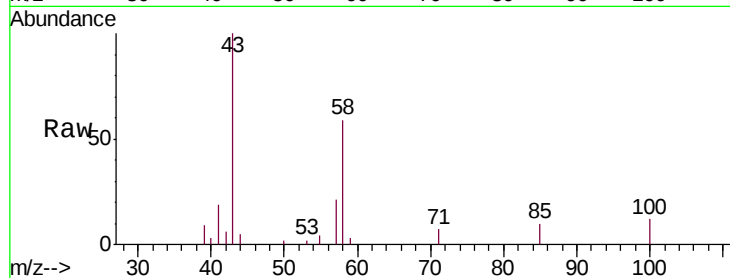
VSTDIC005

Tgt Ion: 43 Resp: 12187

Ion Ratio Lower Upper

43 100

58 54.5 27.9 83.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VV009257.D (-2194) (-)

8.19

6000

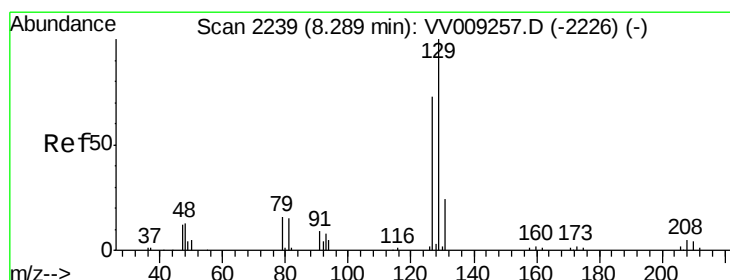
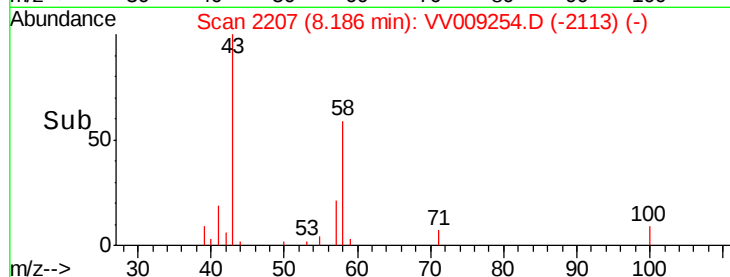
4000

2000

0

8.15 8.20 8.25

Time-->



#60

Dibromochloromethane

Concen: 4.866 ug/l

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VV009254.D

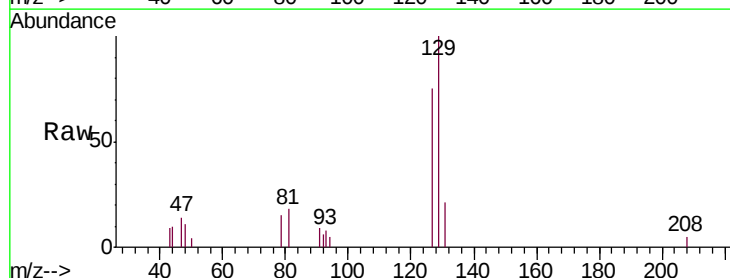
Acq: 24 Jan 2019 12:24

Tgt Ion: 129 Resp: 4316

Ion Ratio Lower Upper

129 100

127 79.4 37.9 113.6



Abundance Ion 128.80 (128.50 to 129.50): VV009257.D (-2226) (-)

Ion 126.80 (126.50 to 127.50): VV009257.D (-2226) (-)

8.29

3000

2500

2000

1500

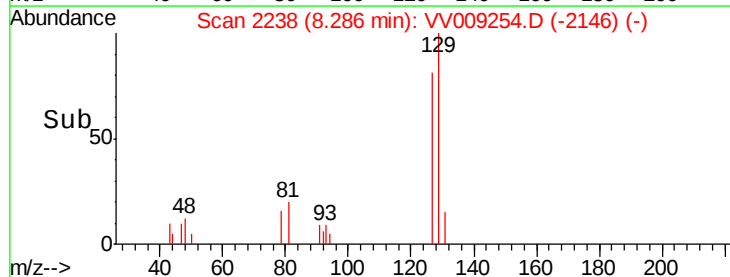
1000

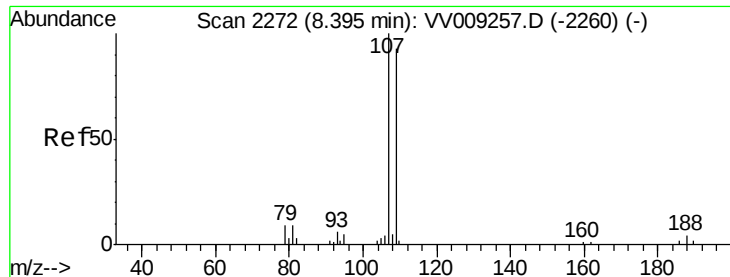
500

0

8.25 8.30

Time-->





#61

1,2-Dibromoethane

Concen: 5.010 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

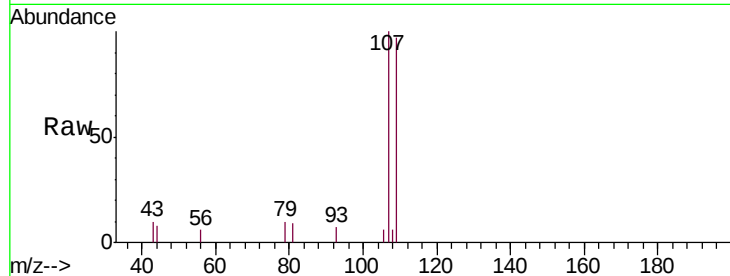
VSTDIC005

Tgt Ion: 107 Resp: 3738

Ion Ratio Lower Upper

107 100

109 98.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.40

2500

2000

1500

1000

500

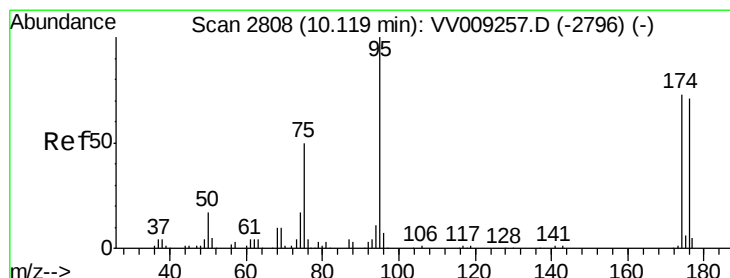
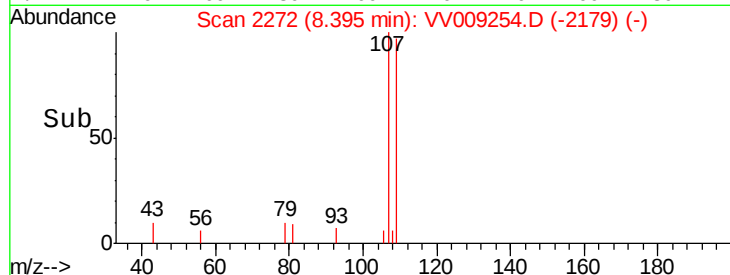
0

8.35

8.40

8.45

Time-->



#62

4-Bromofluorobenzene

Concen: 5.224 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

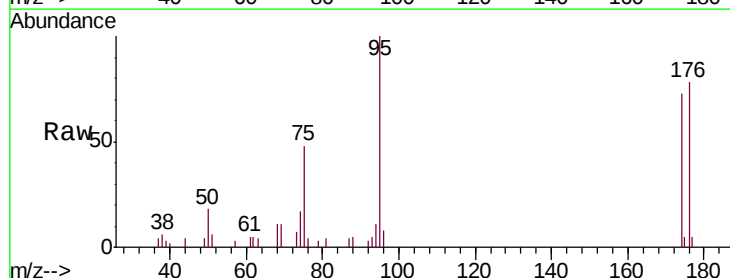
Tgt Ion: 95 Resp: 7182

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.0

176 75.5 0.0 144.0



Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

6000

5000

4000

3000

2000

1000

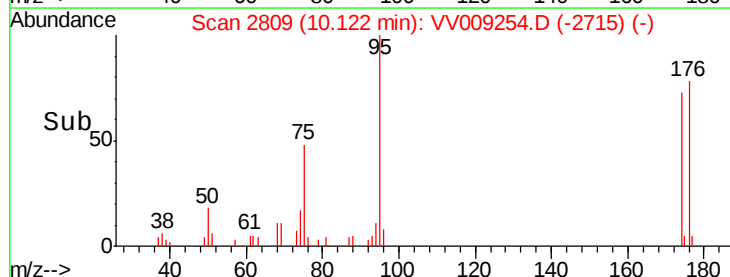
0

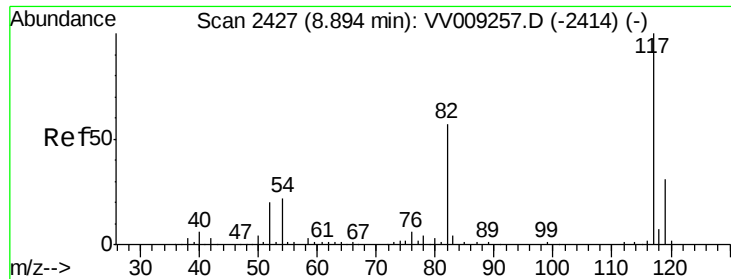
10.05

10.10

10.15

Time-->

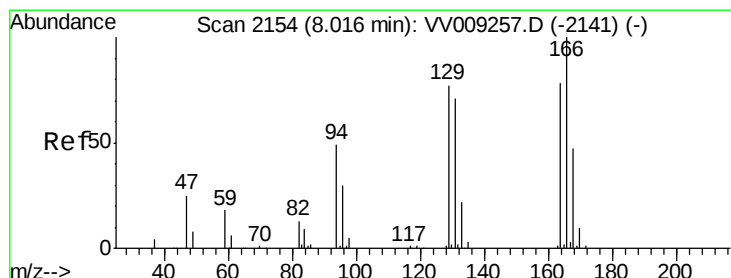
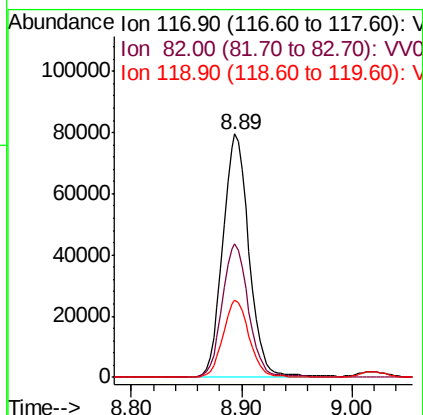
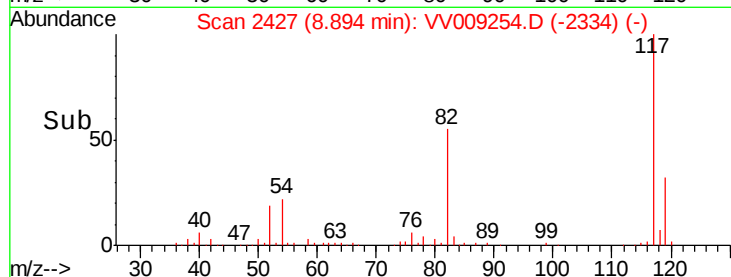
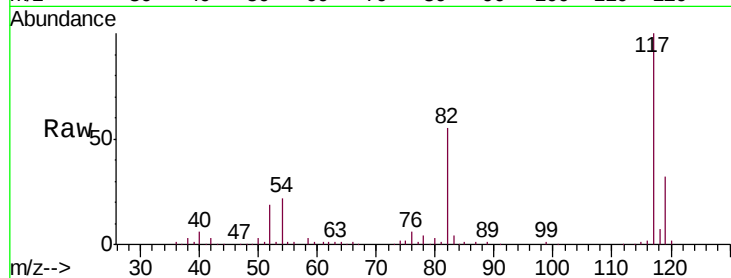




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

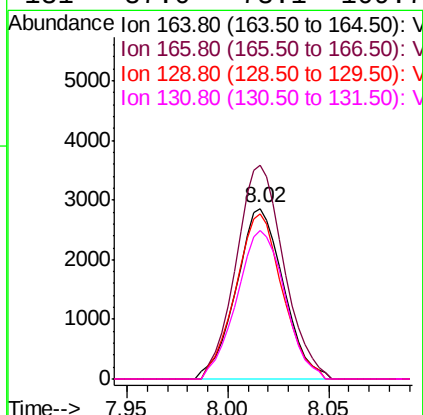
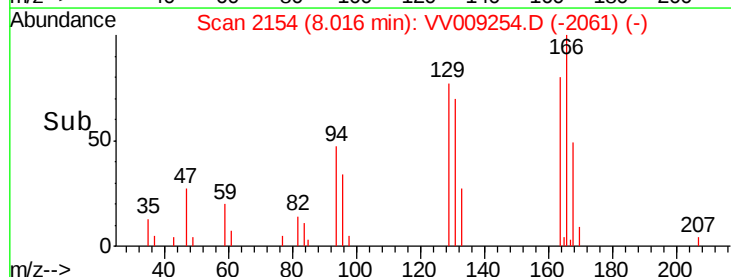
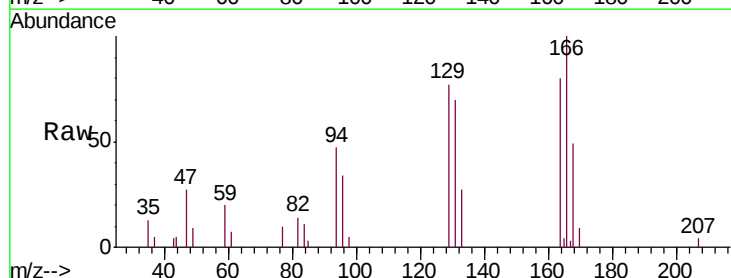
Instrument :
MSVOA_V
ClientSampled :
VSTDIC005

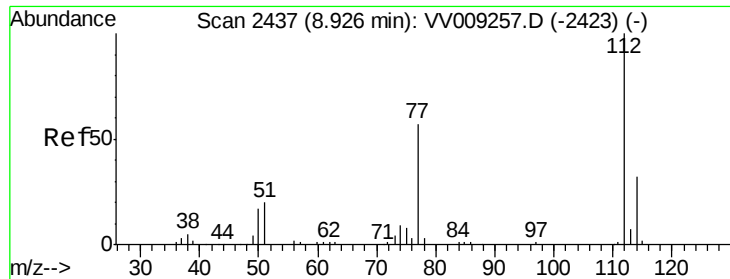
Tgt Ion:117 Resp: 131514
Ion Ratio Lower Upper
117 100
82 55.1 45.8 68.6
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 5.147 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:164 Resp: 4702
Ion Ratio Lower Upper
164 100
166 125.2 102.3 153.5
129 96.8 78.6 117.8
131 87.0 73.1 109.7

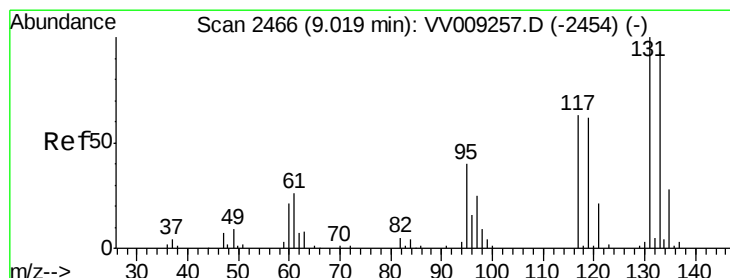
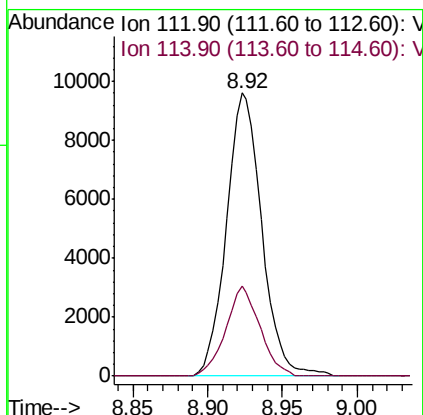
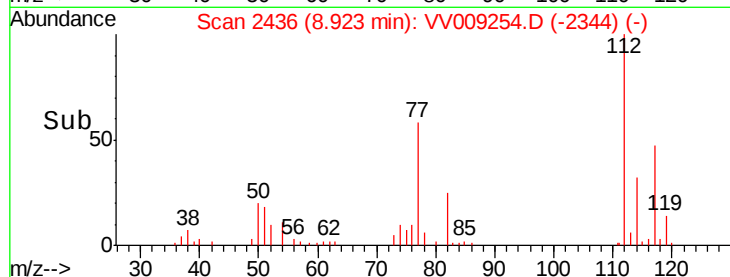
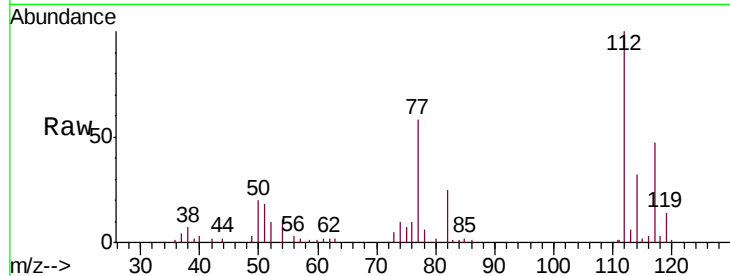




#65
Chlorobenzene
Concen: 5.289 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

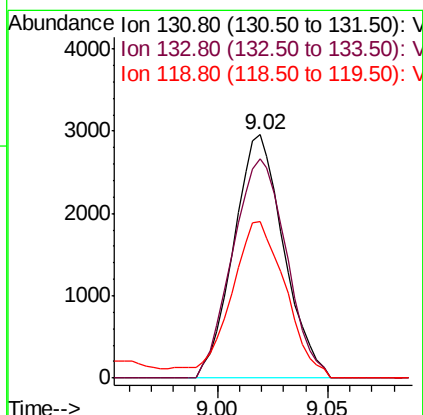
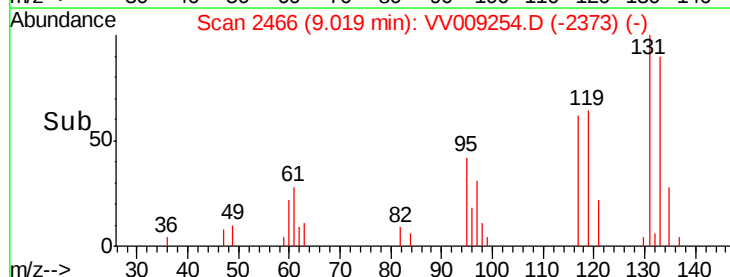
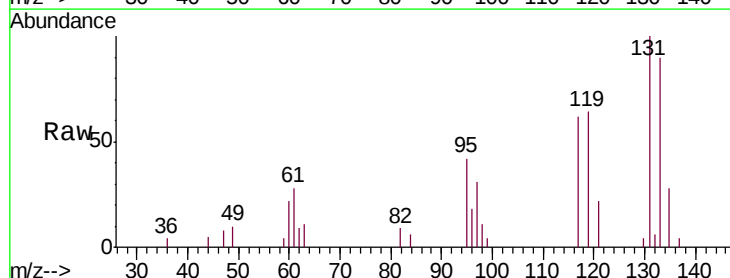
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

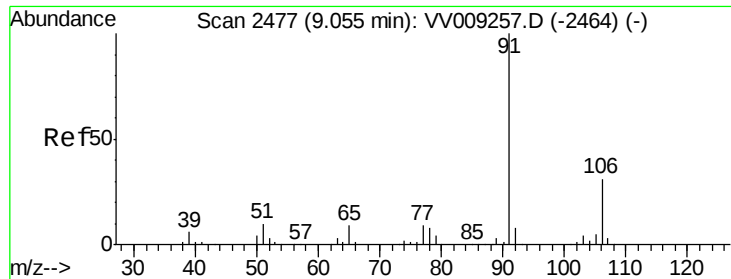
Tgt Ion:112 Resp: 15830
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.563 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:131 Resp: 4666
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 69.2 32.4 97.2

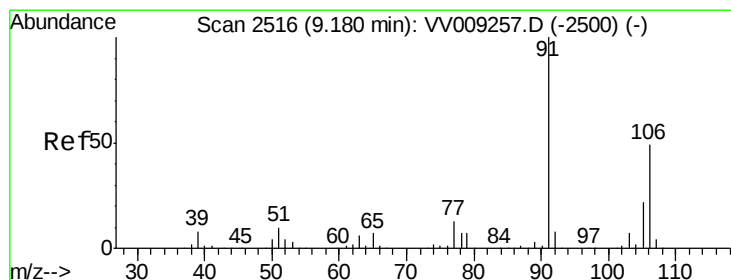
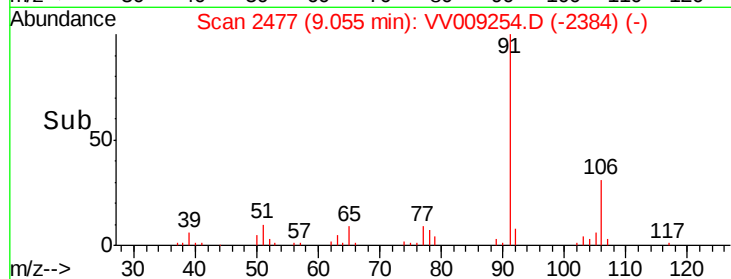
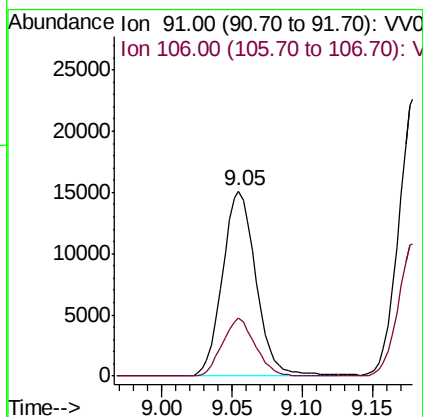
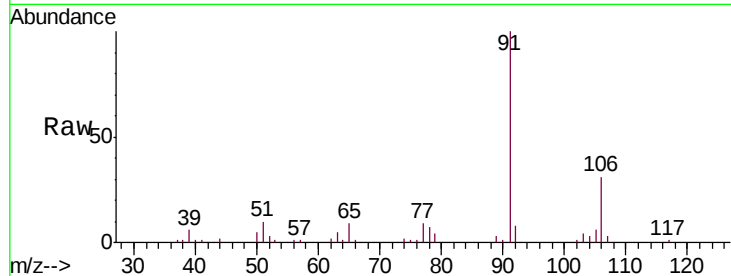




#67
Ethyl Benzene
Concen: 4.738 ug/l
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

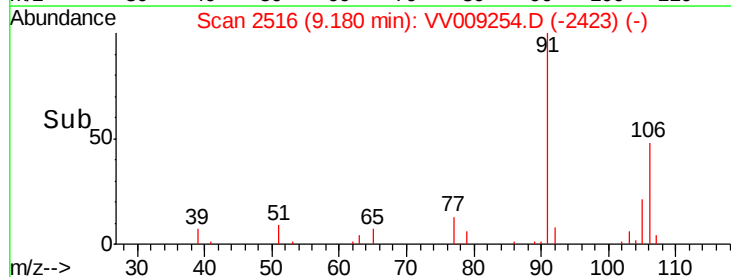
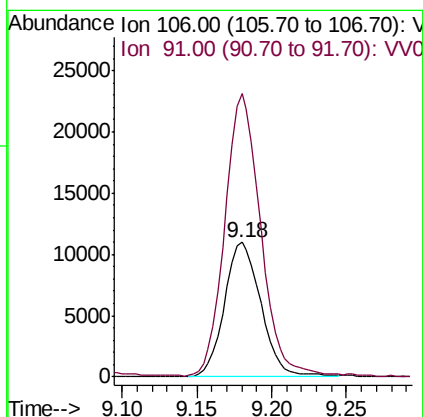
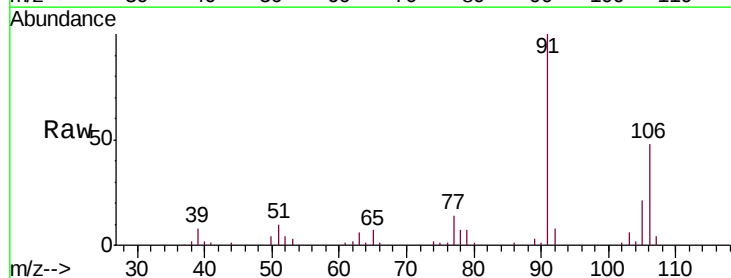
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

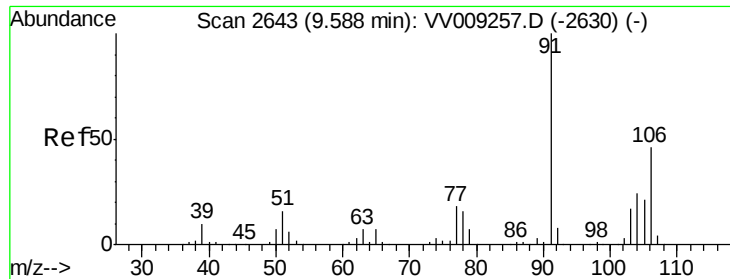
Tgt Ion: 91 Resp: 25059
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 9.289 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 106 Resp: 18712
Ion Ratio Lower Upper
106 100
91 208.1 161.9 242.9

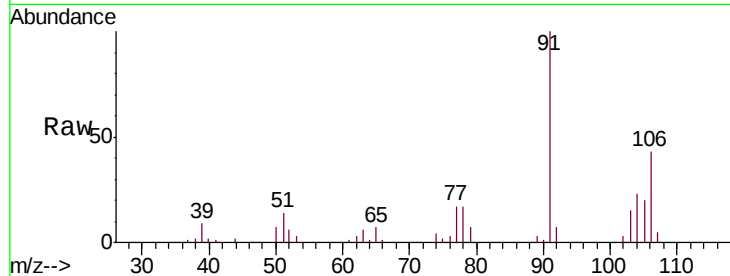




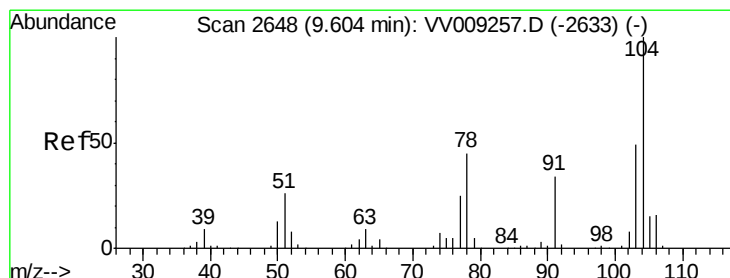
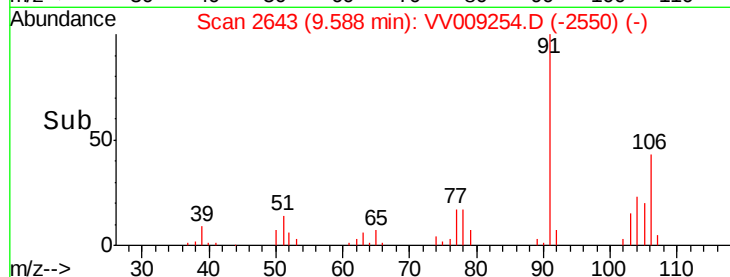
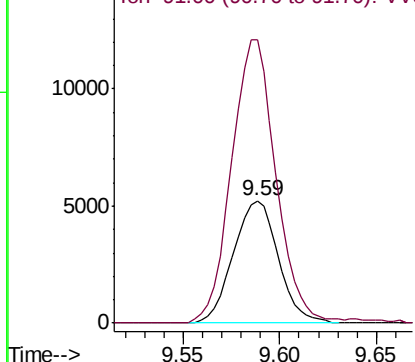
#69
o-Xylene
Concen: 4.530 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 8452
Ion Ratio Lower Upper
106 100
91 228.7 108.3 324.9

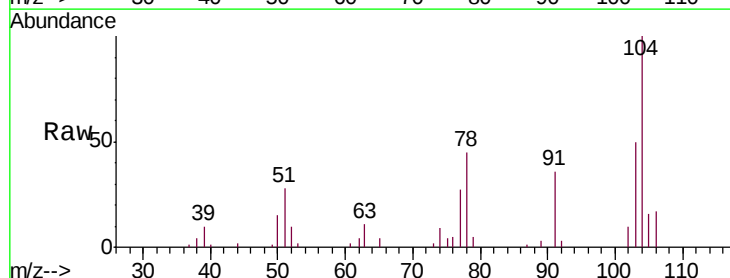


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

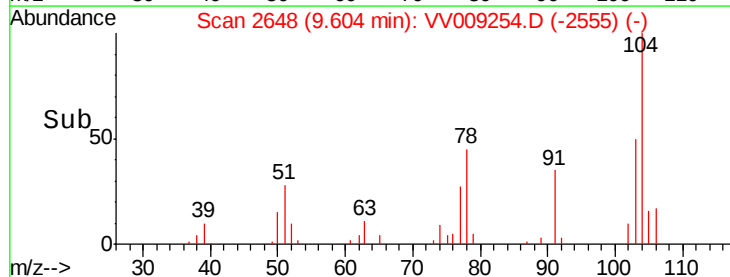
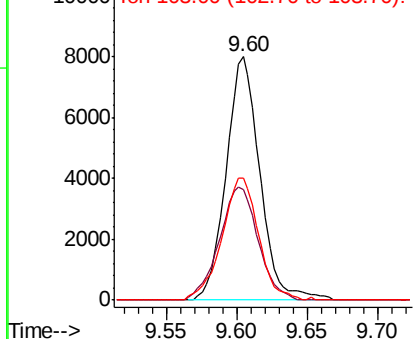


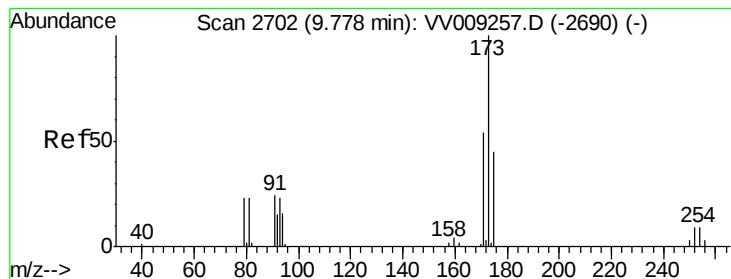
#70
Styrene
Concen: 4.487 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:104 Resp: 13429
Ion Ratio Lower Upper
104 100
78 52.9 40.6 60.8
103 54.3 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: 4.809 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

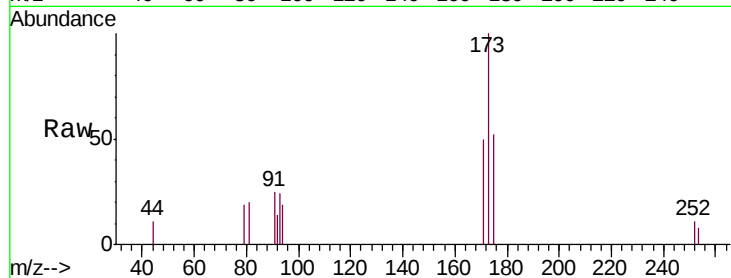
Tgt Ion:173 Resp: 2366

Ion Ratio Lower Upper

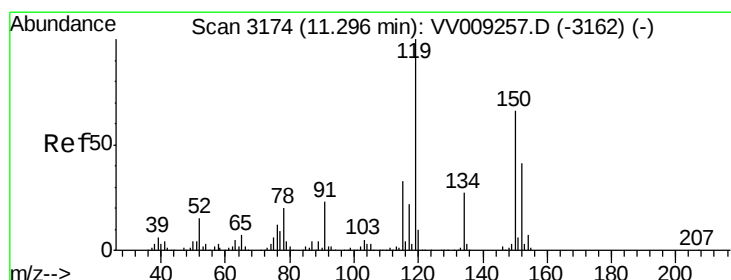
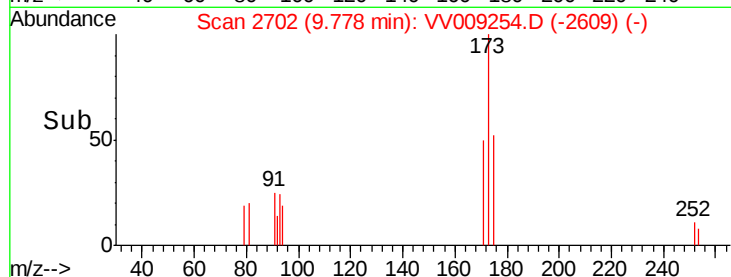
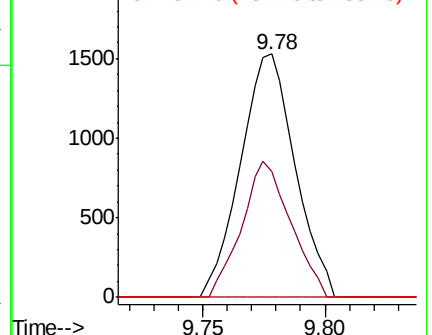
173 100

175 50.1 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: VV009254.D

Acq: 24 Jan 2019 12:24

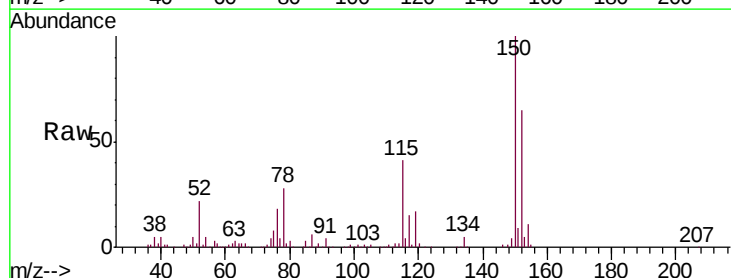
Tgt Ion:152 Resp: 64125

Ion Ratio Lower Upper

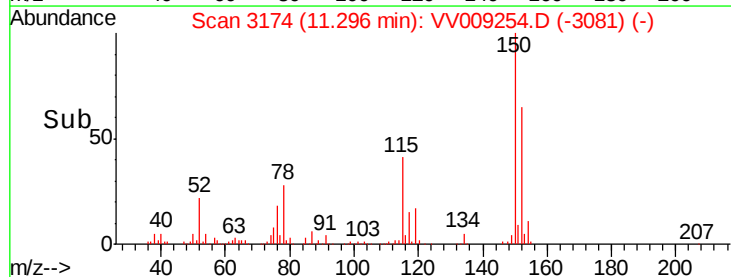
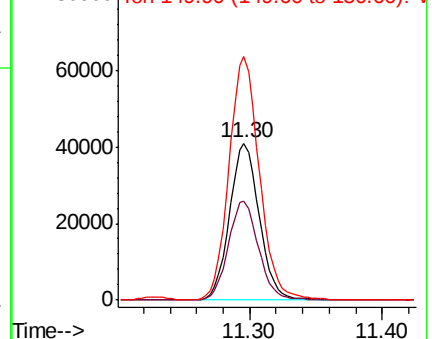
152 100

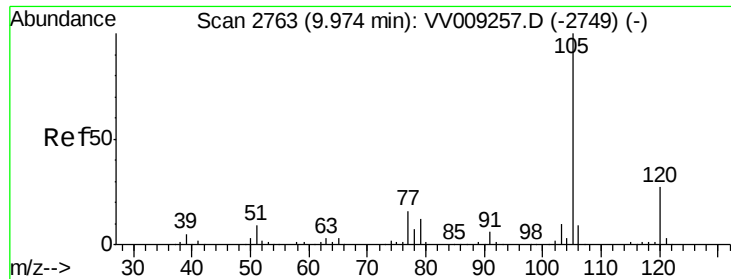
115 64.0 43.0 128.8

150 157.8 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: 4.778 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

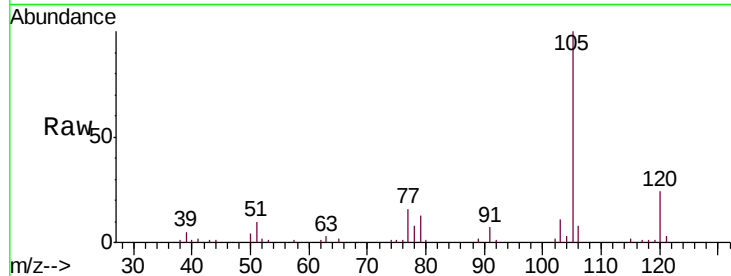
VSTDIC005

Tgt Ion: 105 Resp: 24513

Ion Ratio Lower Upper

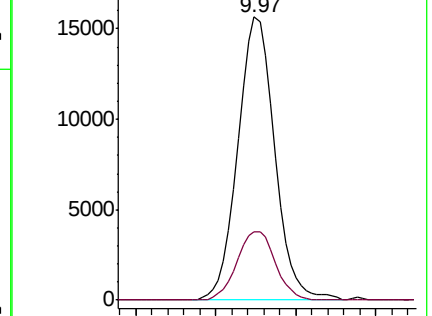
105 100

120 25.1 13.1 39.3

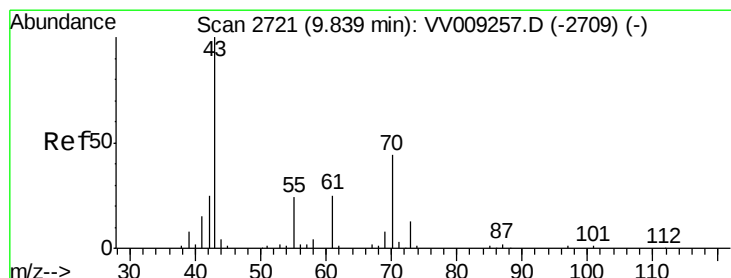
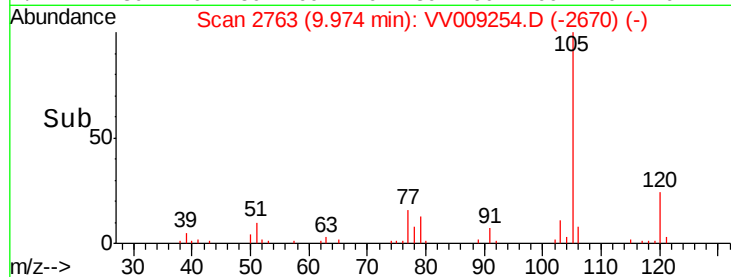


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 5.639 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Tgt Ion: 43 Resp: 5558

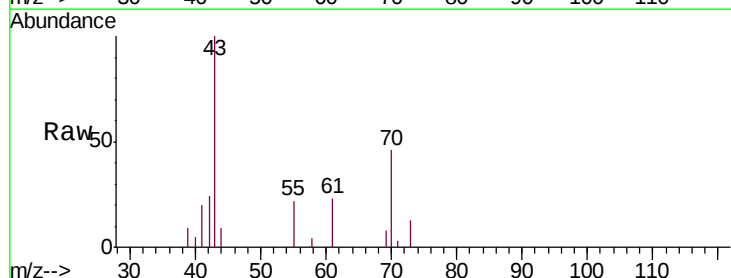
Ion Ratio Lower Upper

43 100

70 42.2 35.4 53.0

55 21.0 20.4 30.6

61 20.3 19.3 28.9

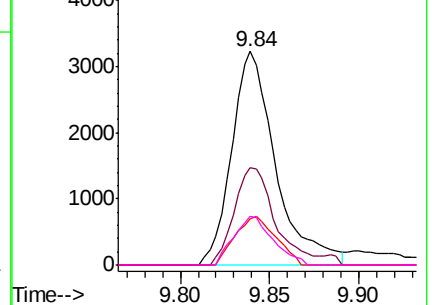


Abundance Ion 43.00 (42.70 to 43.70): VV0

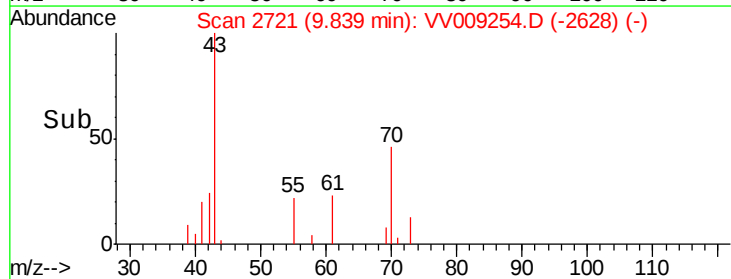
Ion 70.00 (69.70 to 70.70): VV0

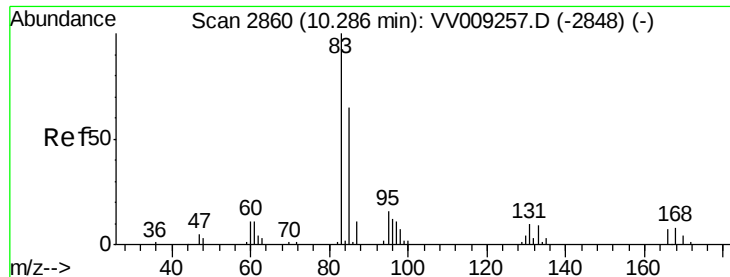
Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.580 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

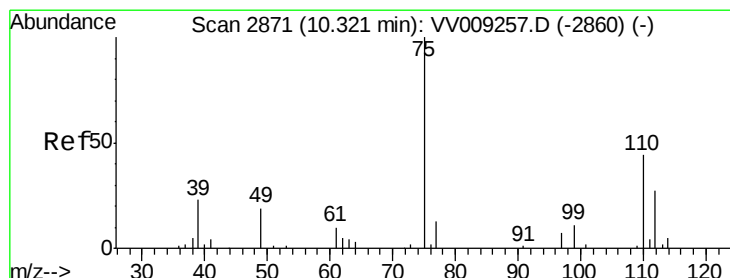
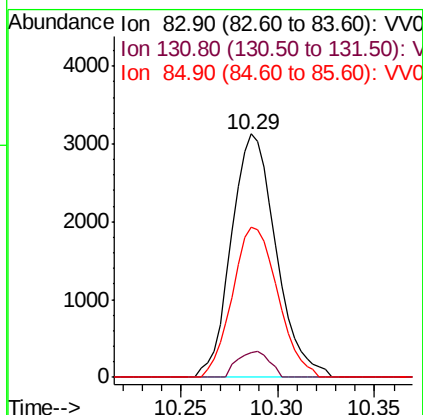
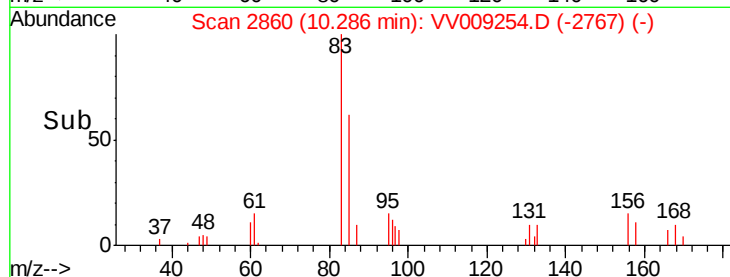
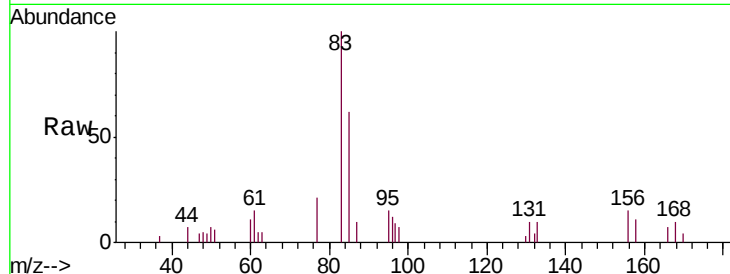
Tgt Ion: 83 Resp: 5022

Ion Ratio Lower Upper

83 100

131 7.5 5.0 15.0

85 62.6 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 5.499 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV009254.D

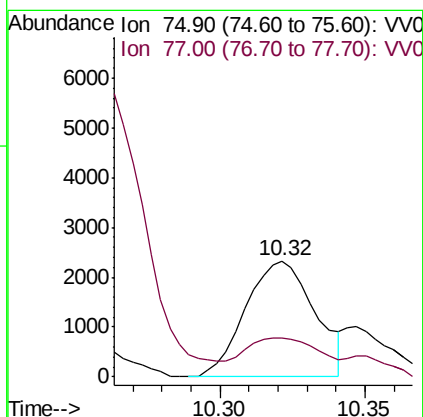
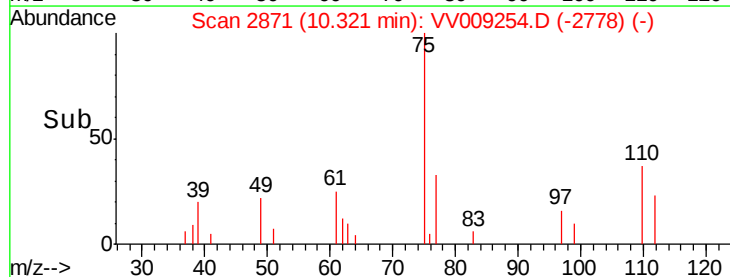
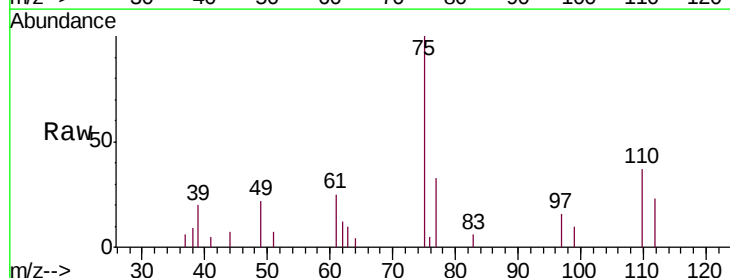
Acq: 24 Jan 2019 12:24

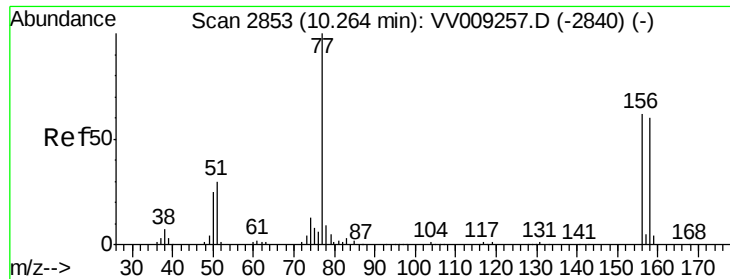
Tgt Ion: 75 Resp: 3869

Ion Ratio Lower Upper

75 100

77 20.3 6.2 18.4#





#77

Bromobenzene

Concen: 5.239 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

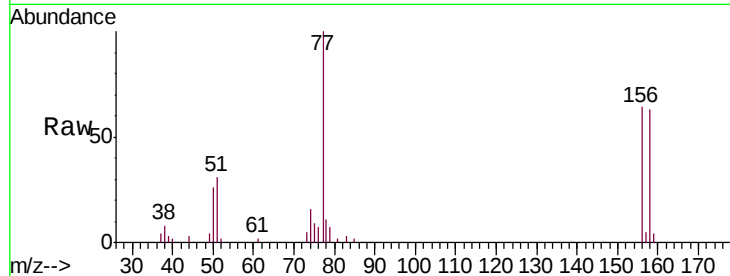
Tgt Ion:156 Resp: 5845

Ion Ratio Lower Upper

156 100

77 168.2 81.7 244.9

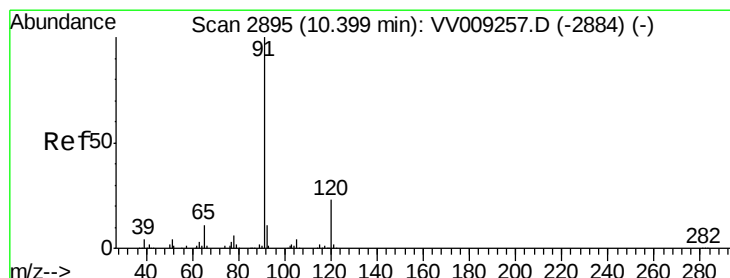
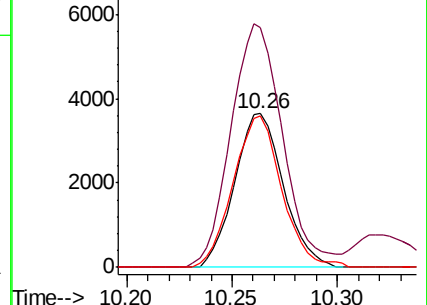
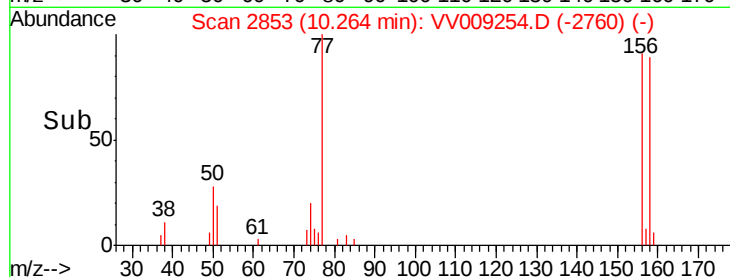
158 98.2 48.4 145.0



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: 4.778 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VV009254.D

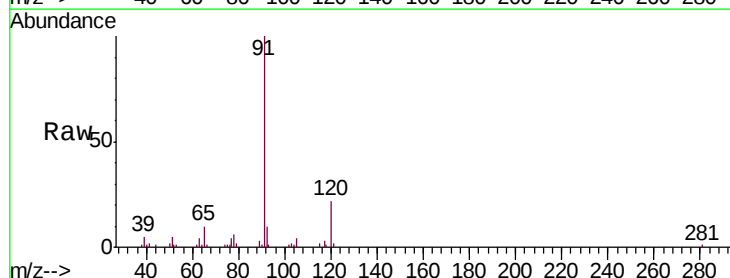
Acq: 24 Jan 2019 12:24

Tgt Ion: 91 Resp: 29089

Ion Ratio Lower Upper

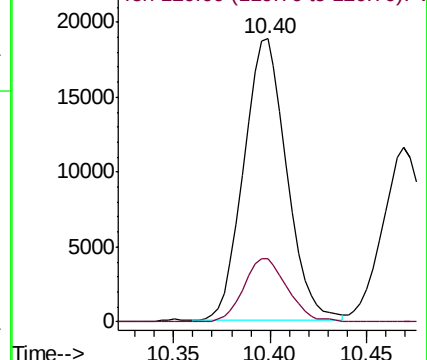
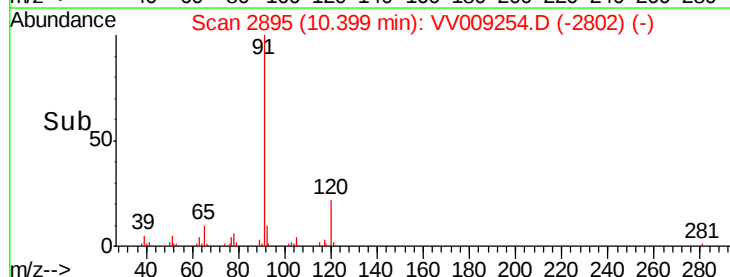
91 100

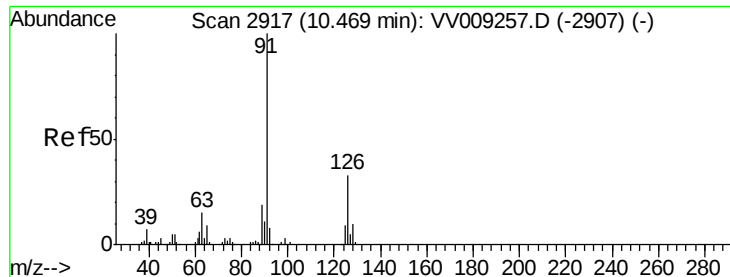
120 22.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

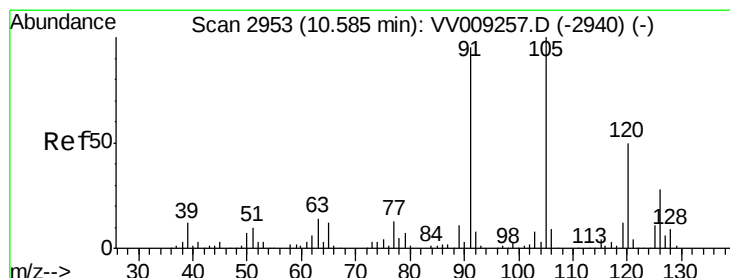
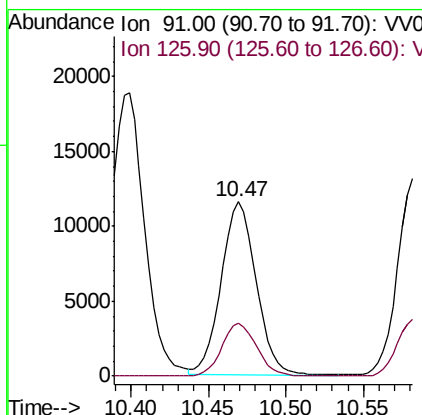
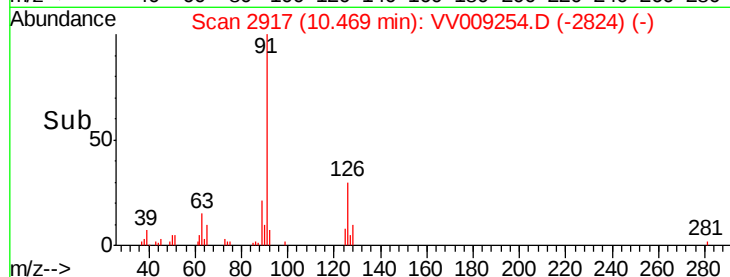
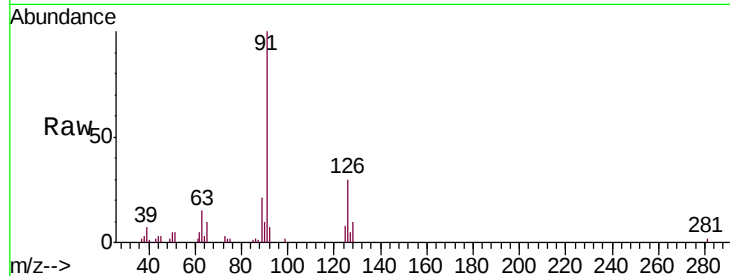




#79
2-Chlorotoluene
Concen: 4.988 ug/l
RT: 10.47 min Scan# 2917
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

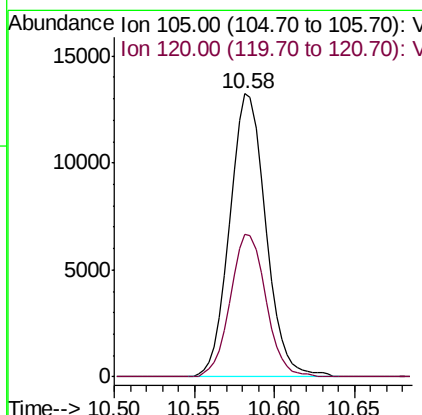
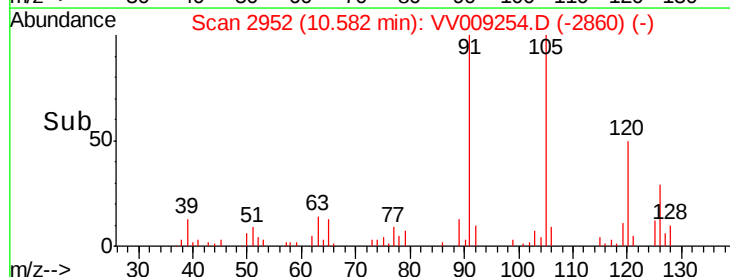
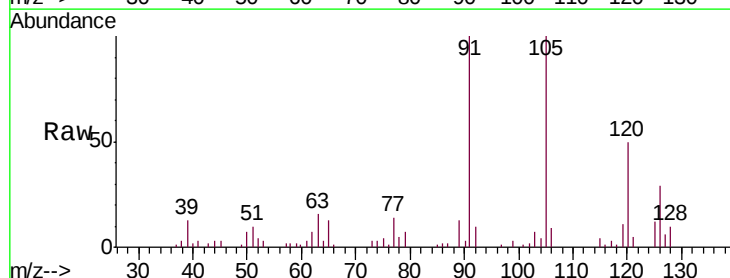
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

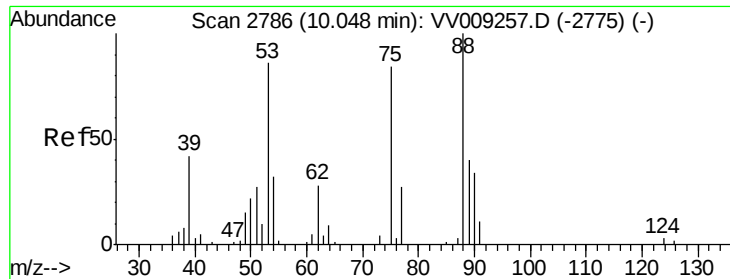
Tgt Ion: 91 Resp: 18326
Ion Ratio Lower Upper
91 100
126 30.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 4.722 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 105 Resp: 20332
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.242 ug/l

RT: 10.05 min Scan# 2787

Delta R.T. 0.00 min

Lab File: VV009254.D

Acq: 24 Jan 2019 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

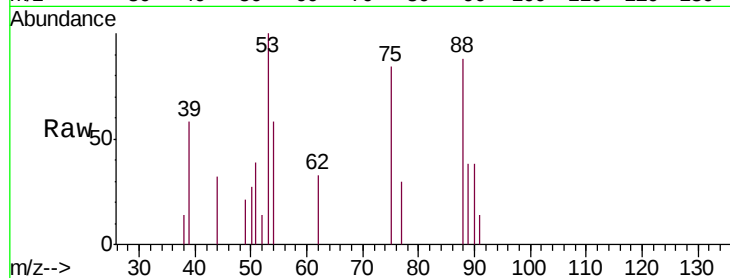
Tgt Ion: 75 Resp: 1052

Ion Ratio Lower Upper

75 100

53 121.8 80.2 120.2#

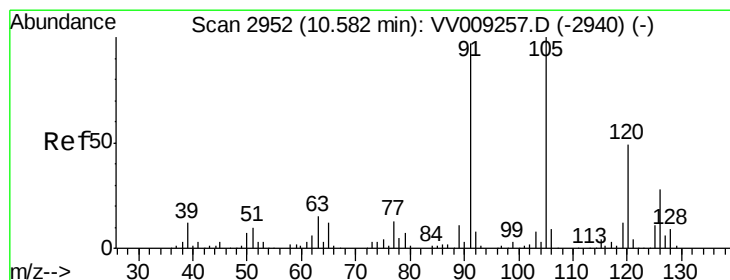
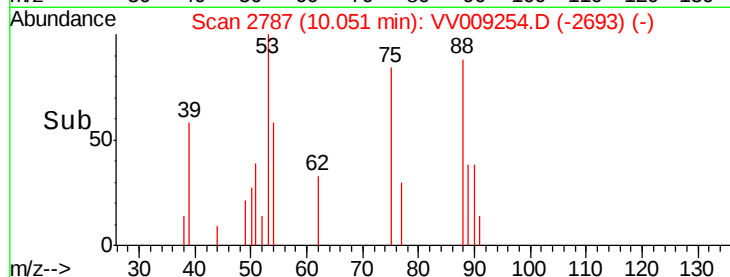
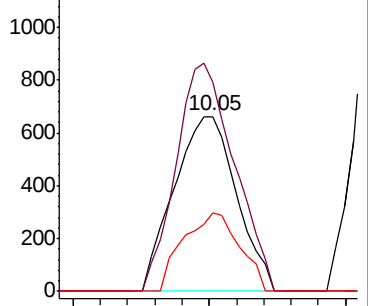
89 40.4 36.8 55.2



Abundance Ion 74.90 (74.60 to 75.60): VV009257.D (-2775) (-)

Ion 53.00 (52.70 to 53.70): VV009257.D (-2775) (-)

Ion 88.90 (88.60 to 89.60): VV009257.D (-2775) (-)



#82

4-Chlorotoluene

Concen: 4.946 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. -0.00 min

Lab File: VV009254.D

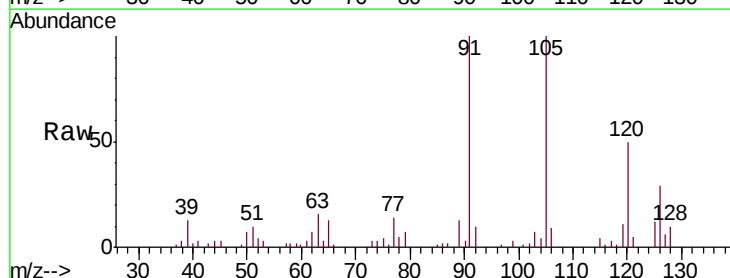
Acq: 24 Jan 2019 12:24

Tgt Ion: 91 Resp: 21466

Ion Ratio Lower Upper

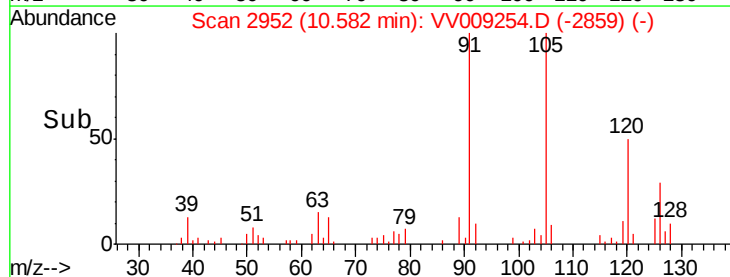
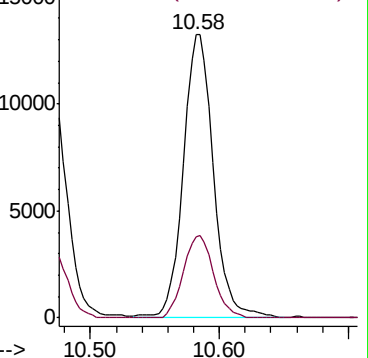
91 100

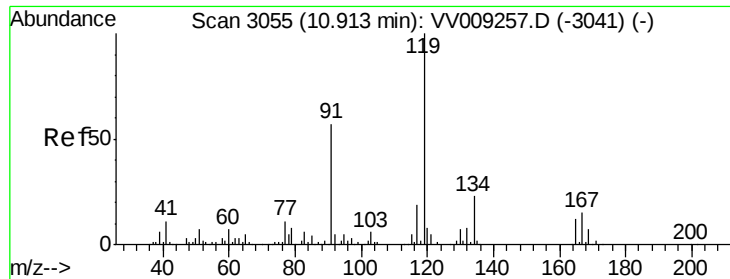
126 29.0 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VV009257.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VV009257.D (-2940) (-)

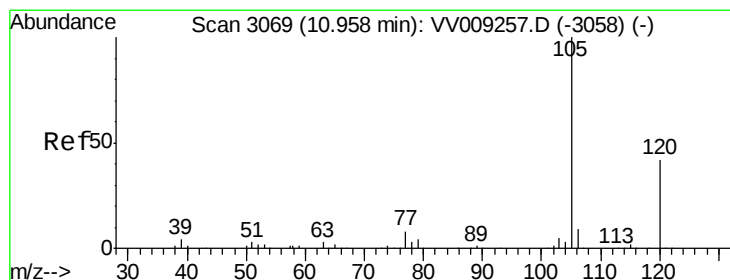
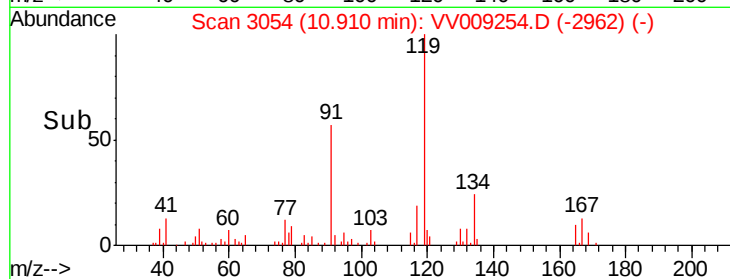
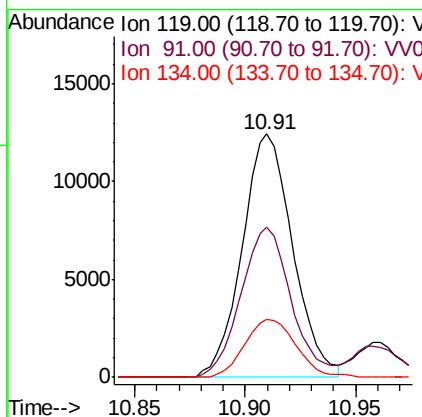
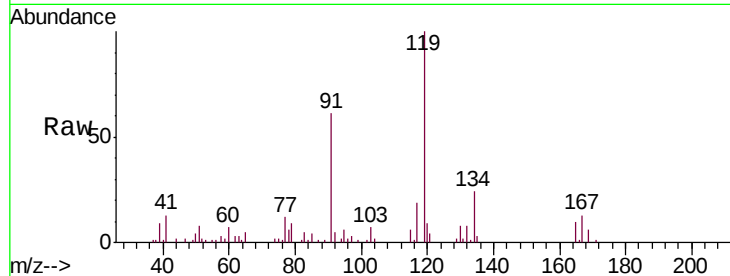




#83
 tert-Butylbenzene
 Concen: 4.825 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

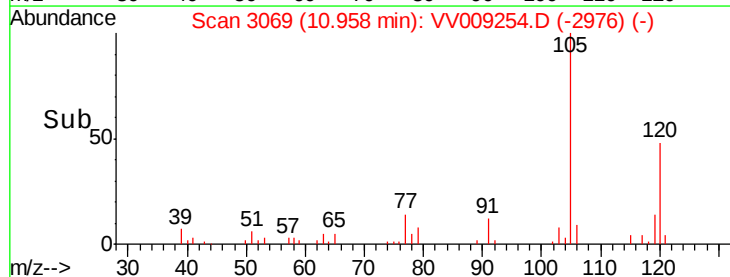
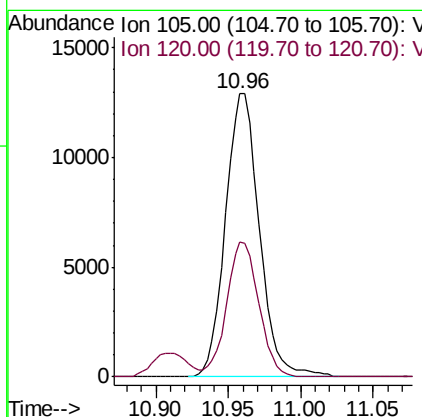
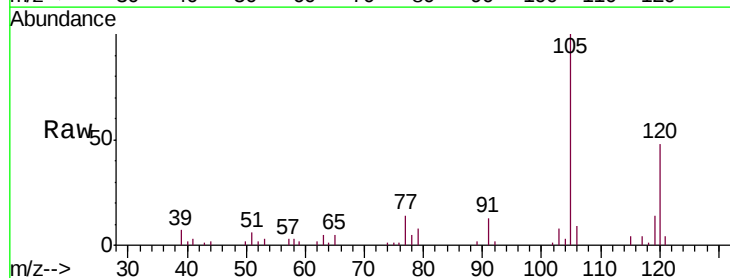
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

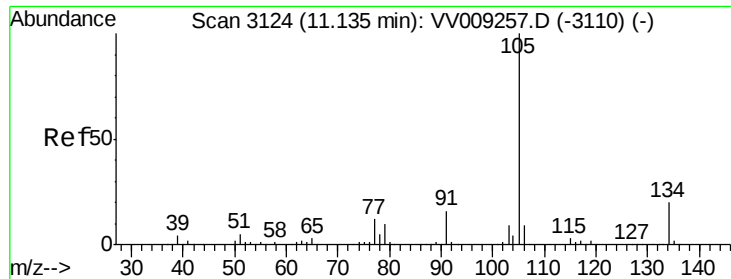
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.6	28.6	85.8
134	24.3	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.803 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.1

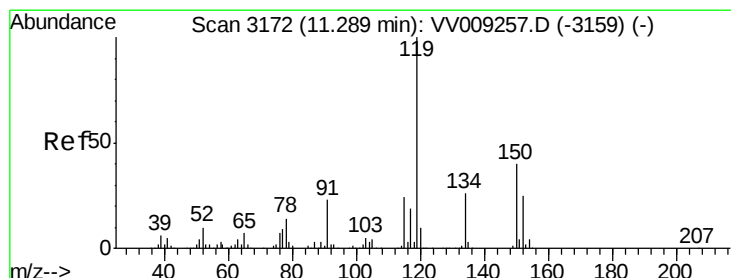
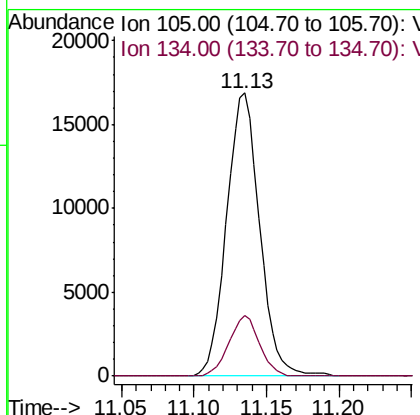
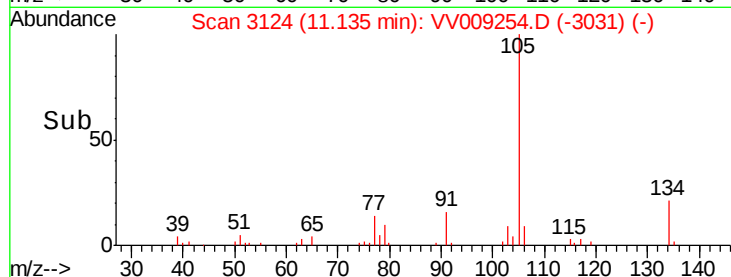
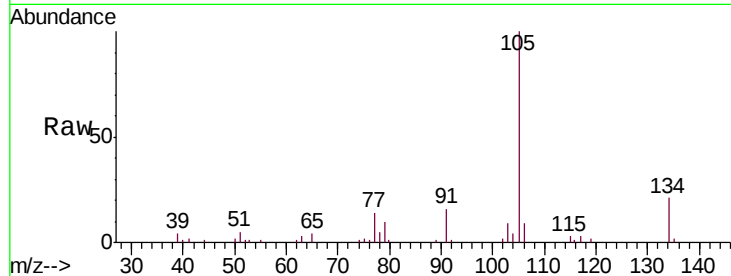




#85
 sec-Butylbenzene
 Concen: 4.953 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

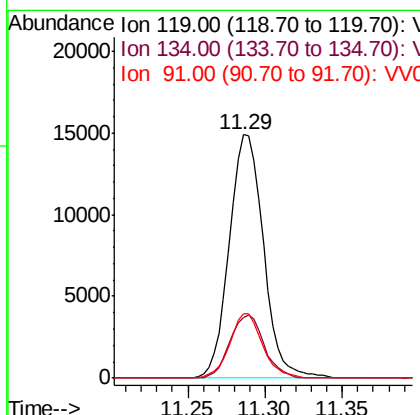
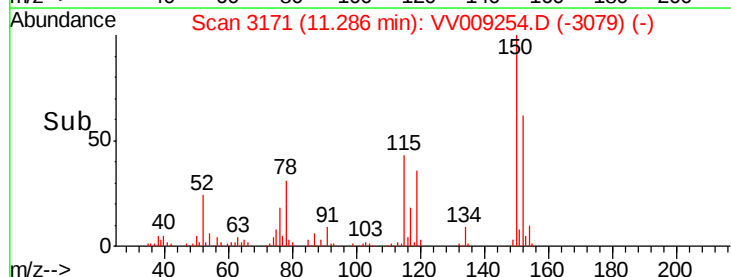
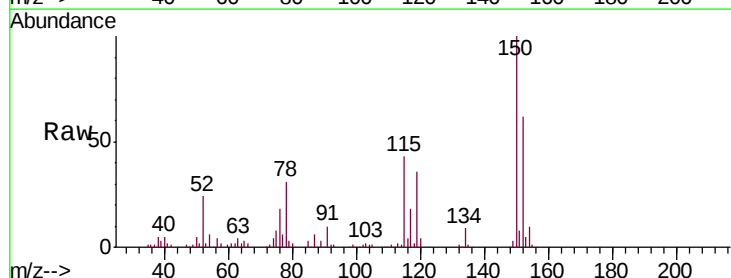
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

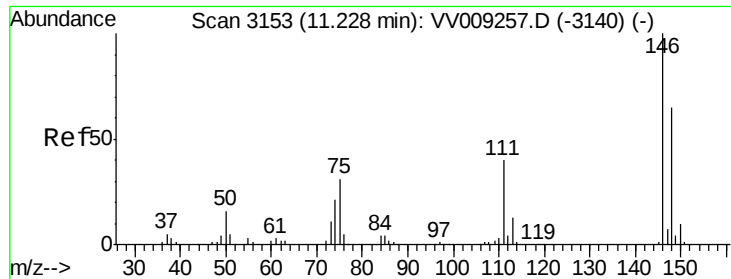
Tgt Ion:105 Resp: 26642
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.853 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion:119 Resp: 22866
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.3 11.9 35.7

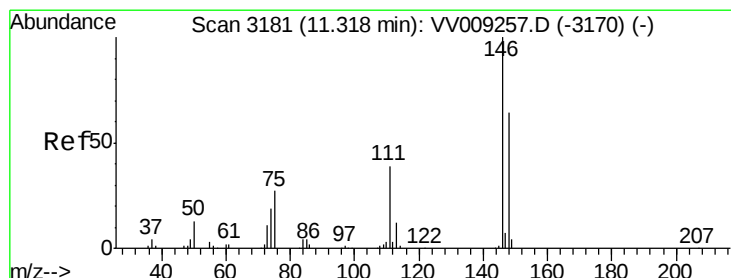
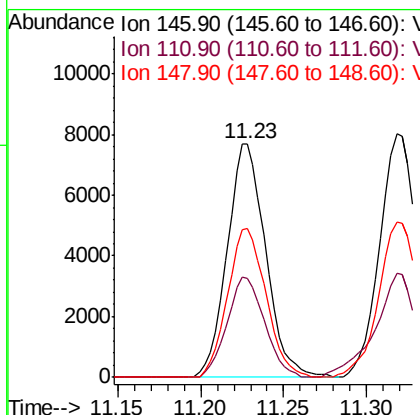
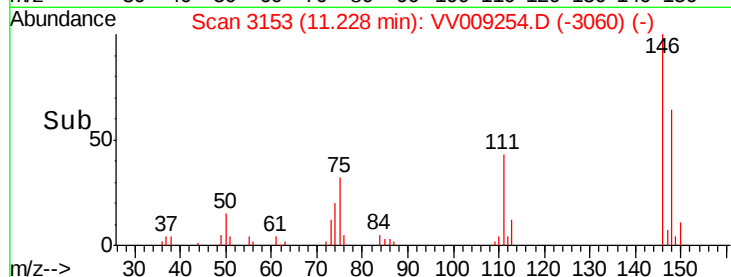
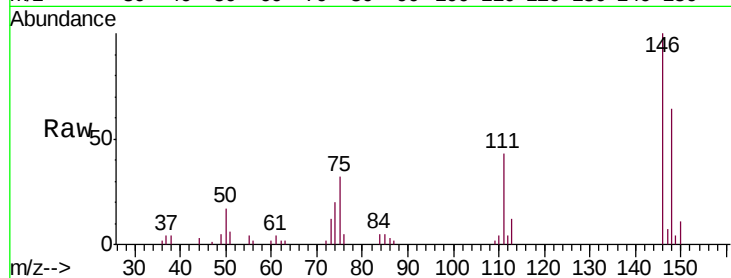




#87
 1,3-Dichlorobenzene
 Concen: 5.383 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

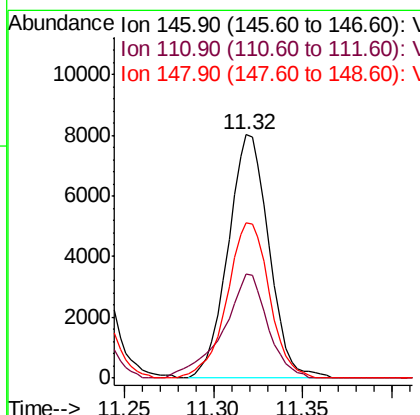
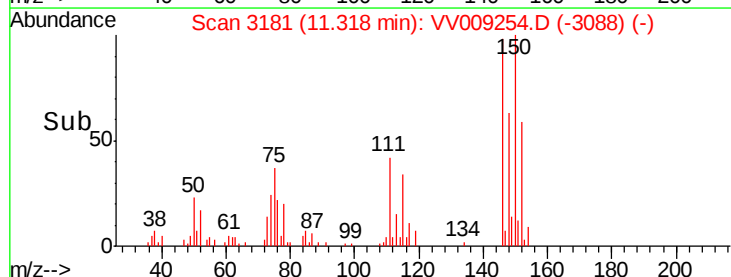
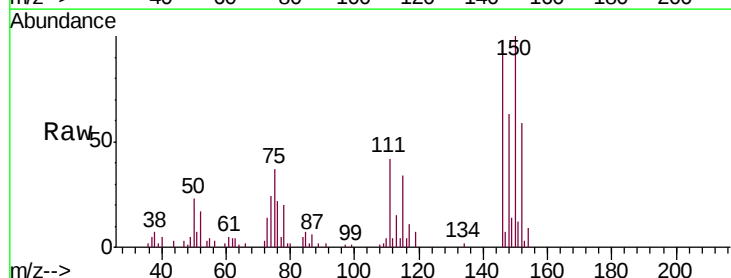
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

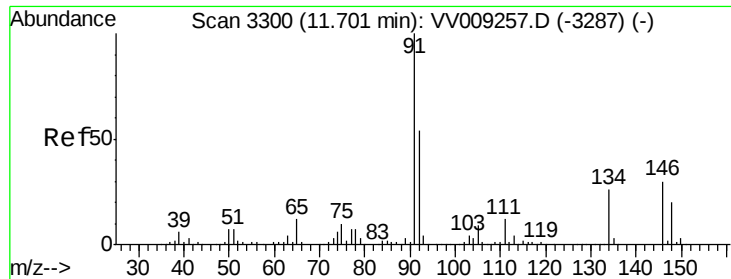
Tgt Ion:146 Resp: 12403
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.2 60.5
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.488 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion:146 Resp: 12792
 Ion Ratio Lower Upper
 146 100
 111 46.3 20.3 61.0
 148 66.2 31.6 94.8

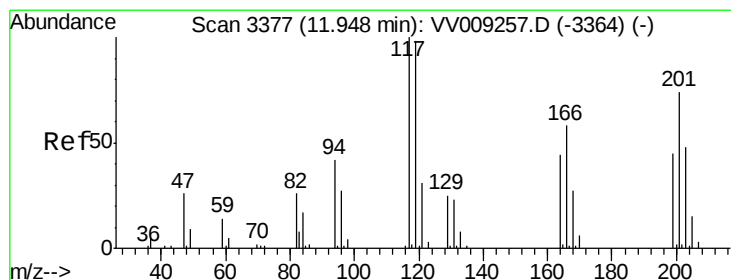
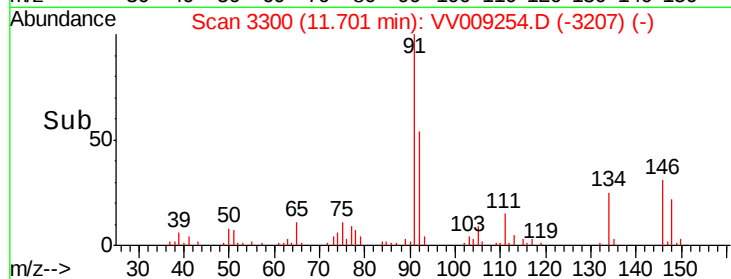
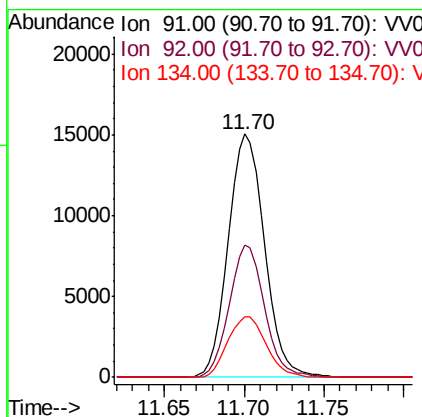
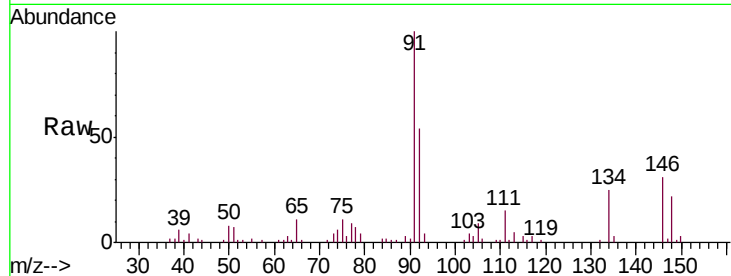




#89
n-Butylbenzene
Concen: 5.099 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

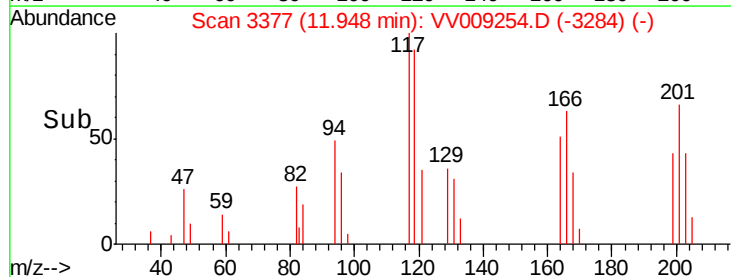
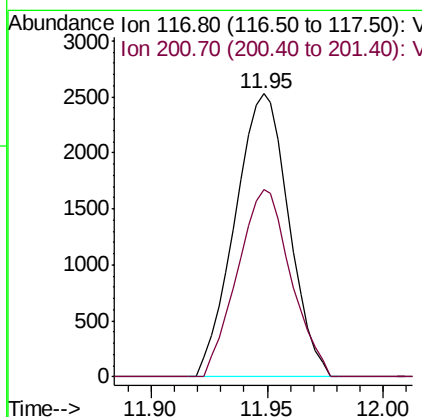
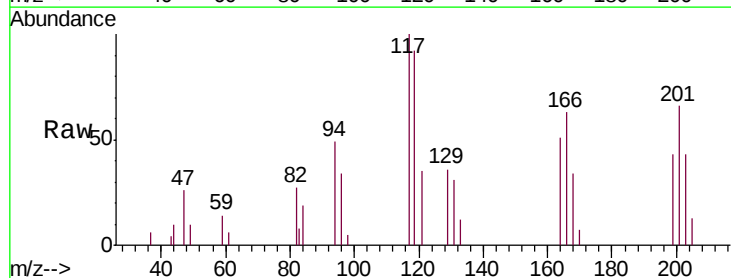
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

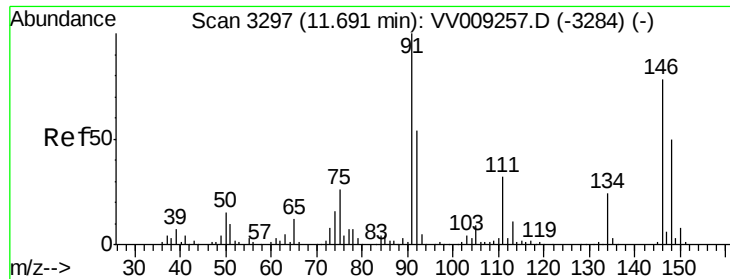
Tgt Ion: 91 Resp: 23291
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.2
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 4.893 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. -0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion: 117 Resp: 4078
Ion Ratio Lower Upper
117 100
201 65.7 36.4 109.3

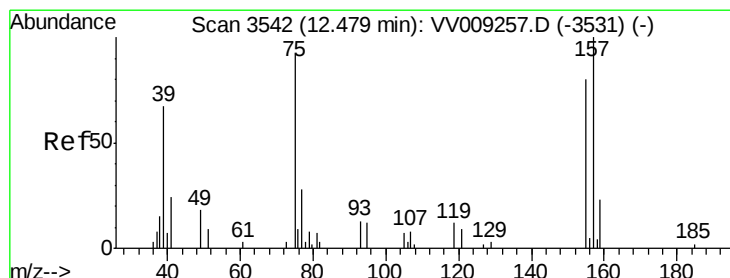
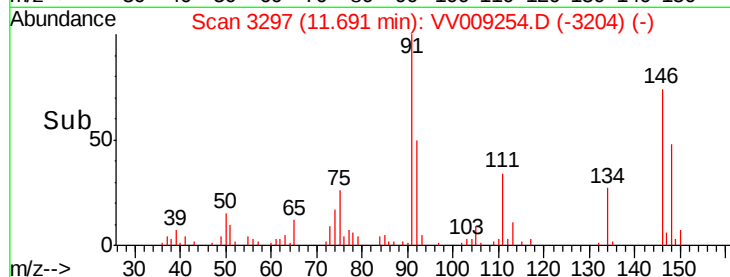
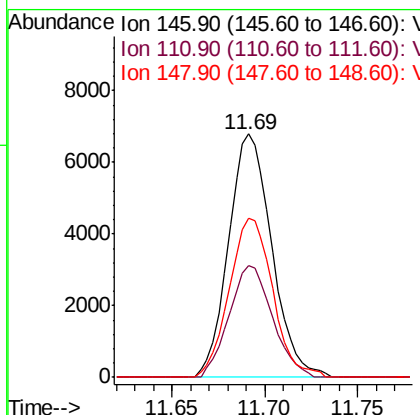
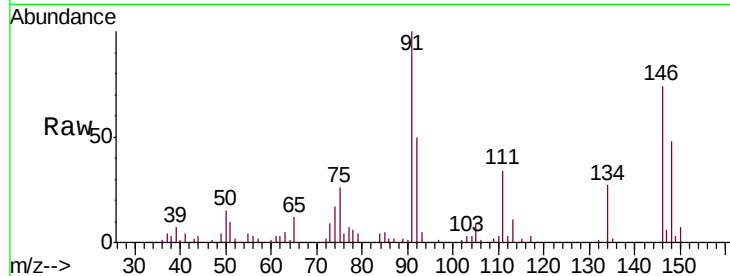




#91
 1,2-Dichlorobenzene
 Concen: 5.383 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

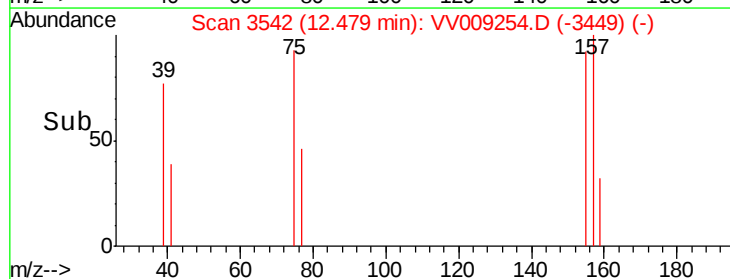
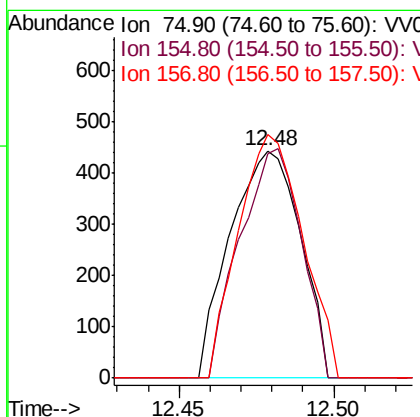
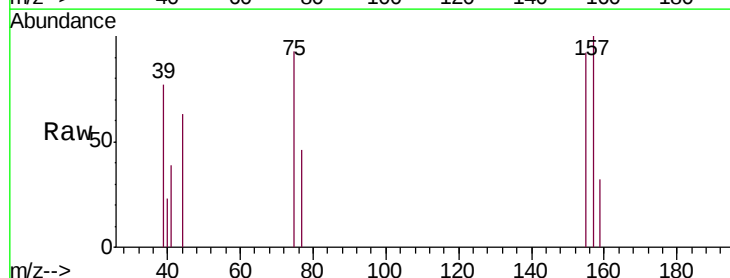
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

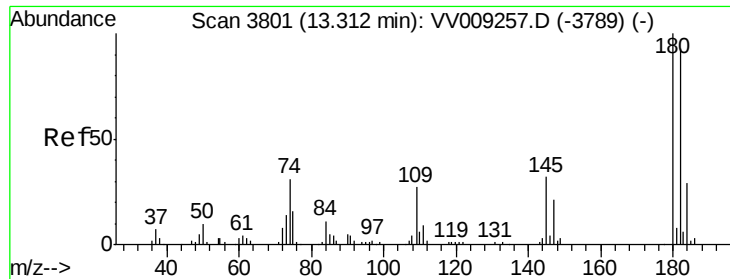
Tgt Ion: 146 Resp: 10976
 Ion Ratio Lower Upper
 146 100
 111 46.1 20.9 62.7
 148 65.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.666 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion: 75 Resp: 702
 Ion Ratio Lower Upper
 75 100
 155 88.2 41.1 123.4
 157 98.1 53.2 159.6

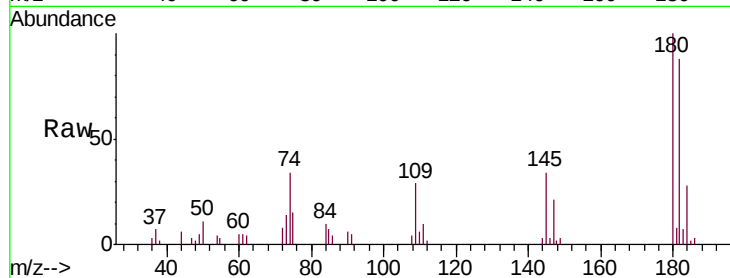




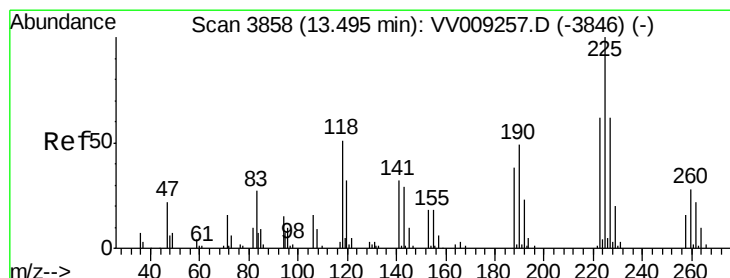
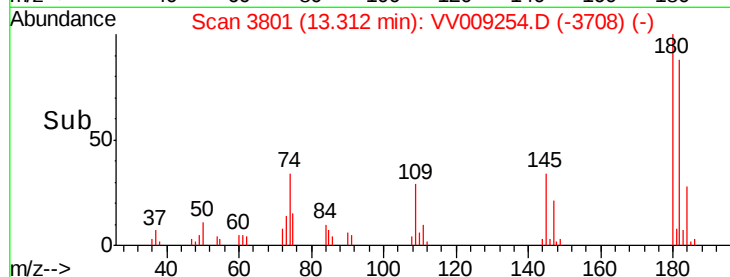
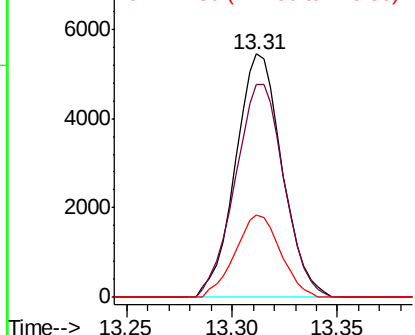
#93
 1,2,4-Trichlorobenzene
 Concen: 6.308 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 8367
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.1 141.4
 145 33.0 15.8 47.4

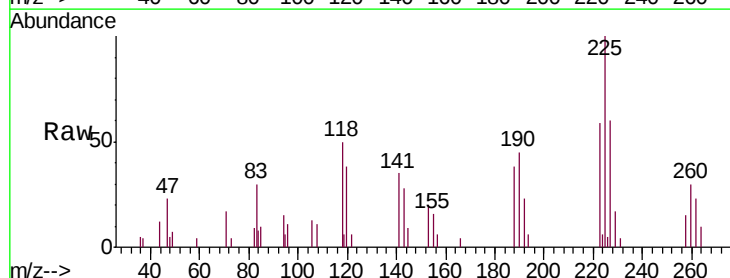


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

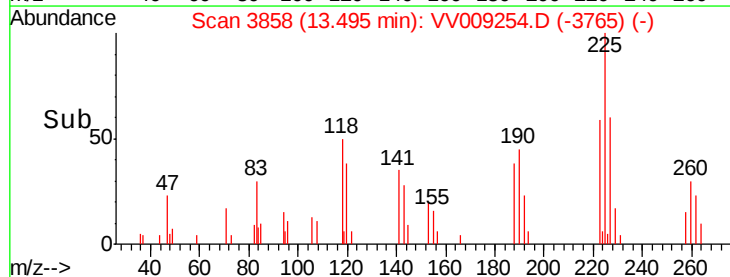
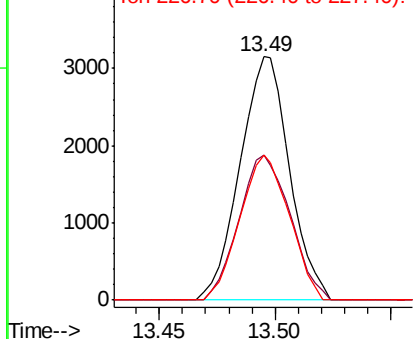


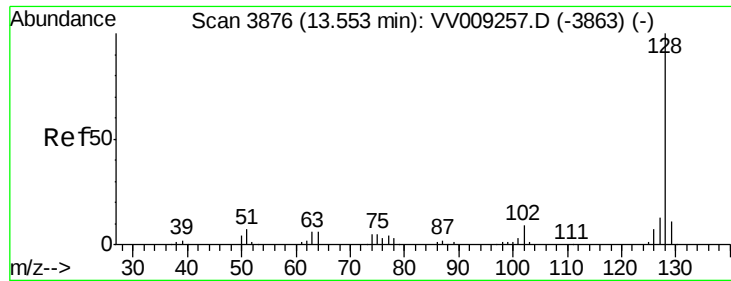
#94
 Hexachlorobutadiene
 Concen: 5.713 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. -0.00 min
 Lab File: VV009254.D
 Acq: 24 Jan 2019 12:24

Tgt Ion:225 Resp: 4670
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.9
 227 59.5 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

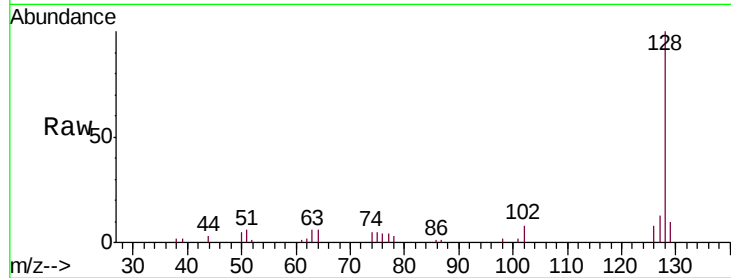




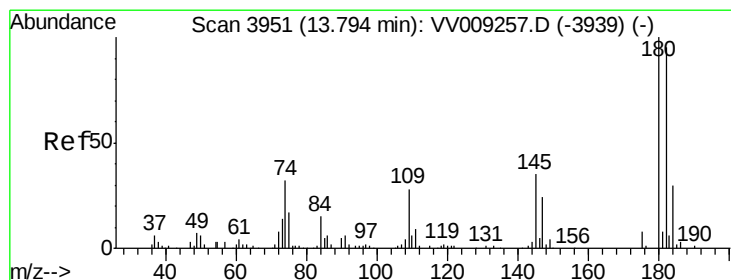
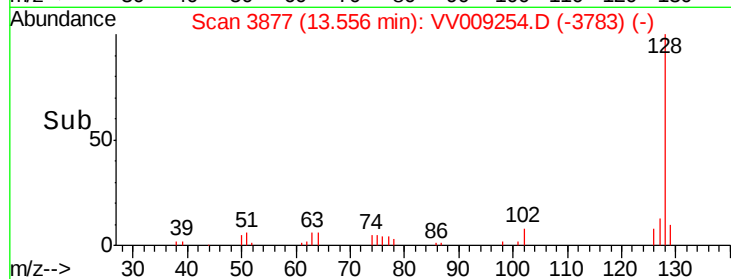
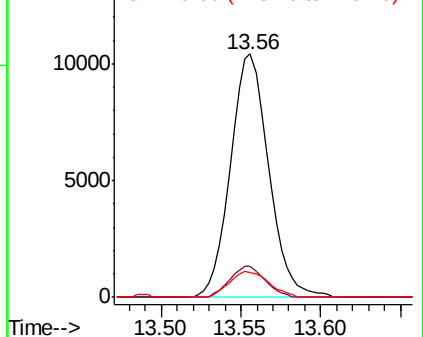
#95
Naphthalene
Concen: 7.197 ug/l
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Instrument :
MSVOA_V
ClientSampled :
VSTDIC005

Tgt Ion:128 Resp: 16945
Ion Ratio Lower Upper
128 100
127 11.7 10.4 15.6
129 10.8 8.6 12.8

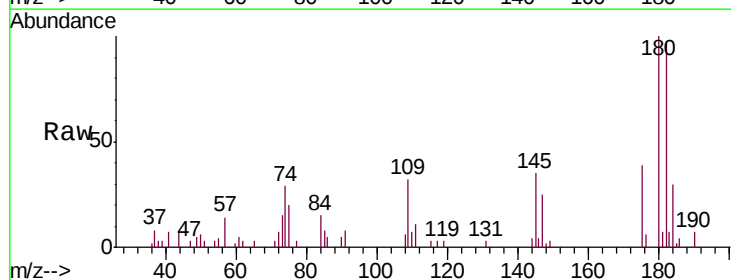


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 6.467 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009254.D
Acq: 24 Jan 2019 12:24

Tgt Ion:180 Resp: 7323
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 34.6 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

