

Data File : VV009264.D
Acq On : 24 Jan 2019 17:58
Operator : SY/MD
Sample : VV0124SBS01
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Quant Time: Jan 24 23:30:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	75277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	125888	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.90	117	116544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	61355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.08	65	48481	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	4.64	113	43220	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	7.36	98	166983	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	10.12	95	63802	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	11398	18.116	ug/l	98
3) Chloromethane	1.25	50	15106	17.663	ug/l	98
4) Vinyl Chloride	1.33	62	17297	19.965	ug/l	97
5) Bromomethane	1.53	94	9278	18.927	ug/l	97
6) Chloroethane	1.59	64	8450	18.596	ug/l	94
7) Trichlorofluoromethane	1.75	101	7451	18.205	ug/l	93
8) Diethyl Ether	1.96	74	9039	22.181	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	15642	21.467	ug/l	96
10) Methyl Iodide	2.26	142	24637	20.524	ug/l	98
11) Tert butyl alcohol	2.66	59	12418	160.803	ug/l #	94
12) 1,1-Dichloroethene	2.14	96	15703	20.740	ug/l	97
13) Acrolein	2.05	56	5428	123.912	ug/l	97
14) Allyl chloride	2.42	41	23468	20.751	ug/l	97
15) Acrylonitrile	2.76	53	23137	121.232	ug/l	99
16) Acetone	2.18	43	24663	98.247	ug/l	99
17) Carbon Disulfide	2.32	76	43762	20.588	ug/l	99
18) Methyl Acetate	2.45	43	15444	24.571	ug/l	99
19) Methyl tert-butyl Ether	2.80	73	26925	22.718	ug/l	98
20) Methylene Chloride	2.53	84	19289	22.654	ug/l	97
21) trans-1,2-Dichloroethene	2.78	96	16584	21.152	ug/l	97
22) Diisopropyl ether	3.33	45	57797	21.383	ug/l	90
23) Vinyl Acetate	3.30	43	183231	109.958	ug/l	100
24) 1,1-Dichloroethane	3.22	63	34681	20.775	ug/l	99
25) 2-Butanone	4.02	43	36341	110.462	ug/l	95
26) 2,2-Dichloropropane	3.95	77	16818	19.866	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	20906	21.028	ug/l	98
28) Bromochloromethane	4.29	49	14507	21.662	ug/l	98
29) Tetrahydrofuran	4.39	42	23448	125.050	ug/l	98
30) Chloroform	4.42	83	34695	20.684	ug/l	93
31) Cyclohexane	4.72	56	30475	19.802	ug/l	95
32) 1,1,1-Trichloroethane	4.65	97	27588	21.154	ug/l	100
36) 1,1-Dichloropropene	4.87	75	26340	20.897	ug/l	98
37) Ethyl Acetate	4.13	43	15249	21.846	ug/l	97
38) Carbon Tetrachloride	4.87	117	25673	20.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	31828	20.147	ug/l	96
40) Benzene	5.14	78	77414	20.846	ug/l	99
41) Methacrylonitrile	4.31	41	8449	23.007	ug/l	97
42) 1,2-Dichloroethane	5.18	62	25403	21.999	ug/l	98
43) Isopropyl Acetate	5.33	43	28389	23.249	ug/l	99
44) Trichloroethene	5.96	130	20659	20.845	ug/l	96
45) 1,2-Dichloropropane	6.22	63	18698	20.453	ug/l	98
46) Dibromomethane	6.35	93	11350	22.161	ug/l	99
47) Bromodichloromethane	6.55	83	24801	20.587	ug/l	97
48) Methyl methacrylate	6.42	41	13675	22.576	ug/l	97
49) 1,4-Dioxane	6.41	88	3764	468.365	ug/l	90
51) 4-Methyl-2-Pentanone	7.27	43	71695	111.565	ug/l	97
52) Toluene	7.43	92	49556	21.132	ug/l	96
53) t-1,3-Dichloropropene	7.69	75	25617	21.027	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	28553	20.659	ug/l	97
55) 1,1,2-Trichloroethane	7.88	97	15696	21.979	ug/l	96
56) Ethyl methacrylate	7.83	69	18825	21.818	ug/l	95
57) 1,3-Dichloropropane	8.05	76	28526	22.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	1633	71.527	ug/l	97
59) 2-Hexanone	8.19	43	51916	112.377	ug/l	97
60) Dibromochloromethane	8.29	129	17247	21.128	ug/l	96
61) 1,2-Dibromoethane	8.40	107	16253	22.651	ug/l	98
64) Tetrachloroethene	8.02	164	17781	22.127	ug/l	98
65) Chlorobenzene	8.93	112	53703	20.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	18241	20.785	ug/l	99
67) Ethyl Benzene	9.05	91	90348	20.261	ug/l	98
68) m/p-Xylenes	9.18	106	71430	41.759	ug/l	97
69) o-Xylene	9.59	106	32175	20.128	ug/l	98
70) Styrene	9.60	104	54173	20.811	ug/l	99
71) Bromoform	9.77	173	10347	21.869	ug/l #	100
73) Isopropylbenzene	9.97	105	92536	20.309	ug/l	100
74) N-amyl acetate	9.84	43	22774	21.361	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	21176	22.601	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	21221	29.301	ug/l #	36
77) Bromobenzene	10.26	156	21786	20.493	ug/l	98
78) n-propylbenzene	10.40	91	107918	20.019	ug/l	100
79) 2-Chlorotoluene	10.47	91	65987	20.310	ug/l	99
80) 1,3,5-Trimethylbenzene	10.59	105	77663	20.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	5361	21.026	ug/l	99
82) 4-Chlorotoluene	10.58	91	77245	20.055	ug/l	99
83) tert-Butylbenzene	10.91	119	73764	19.935	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	78924	20.061	ug/l	100
85) sec-Butylbenzene	11.13	105	95537	19.812	ug/l	99
86) p-Isopropyltoluene	11.29	119	84909	19.953	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	43010	19.977	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	43450	19.771	ug/l	96
89) n-Butylbenzene	11.70	91	80137	19.446	ug/l	100
90) Hexachloroethane	11.95	117	14266	18.953	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	39799	20.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3573	22.842	ug/l	96

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

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ClientSampleId :
VV0124SBS01

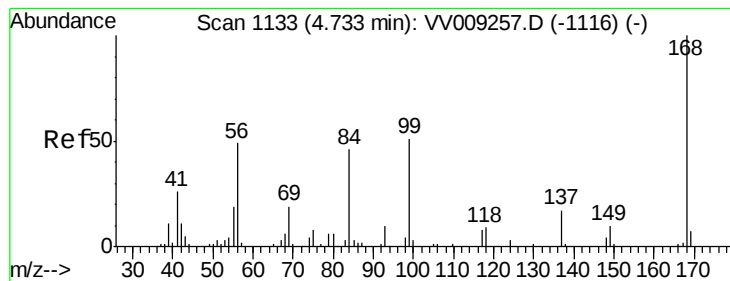
Quant Time: Jan 24 23:30:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	26793	19.793	ug/l	99
94) Hexachlorobutadiene	13.49	225	15667	20.247	ug/l	98
95) Naphthalene	13.55	128	54600	20.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.80	180	24525	20.540	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

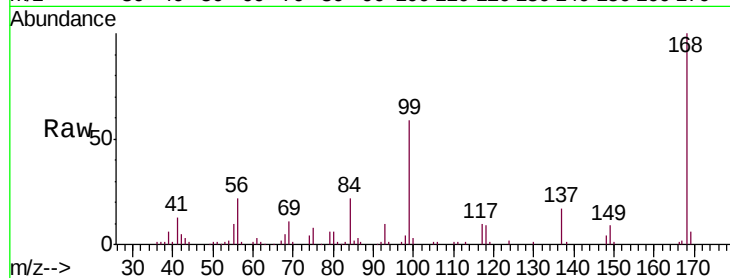
VV0124SBS01

Tgt Ion:168 Resp: 75277

Ion Ratio Lower Upper

168 100

99 58.3 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

30000

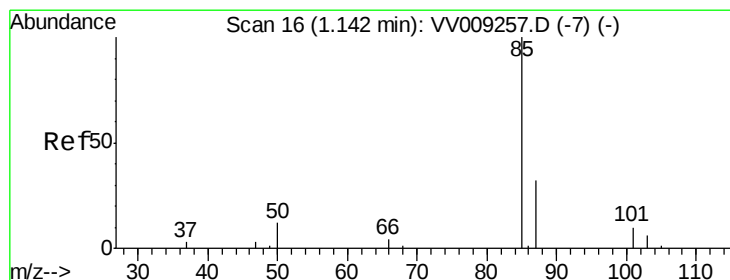
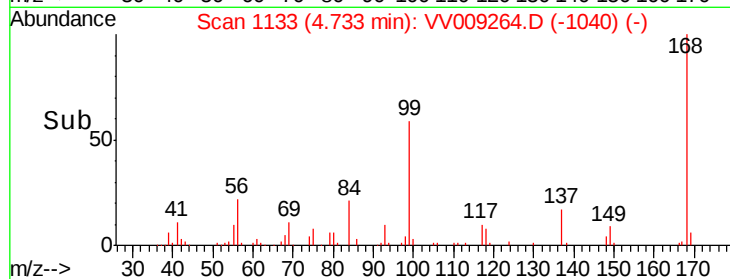
20000

10000

0

4.60 4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.116 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009264.D

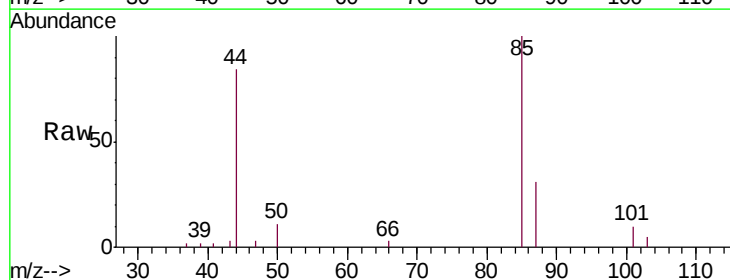
Acq: 24 Jan 2019 17:58

Tgt Ion: 85 Resp: 11398

Ion Ratio Lower Upper

85 100

87 30.6 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

5000

4000

3000

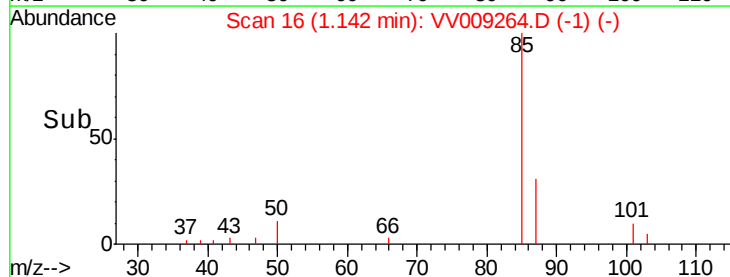
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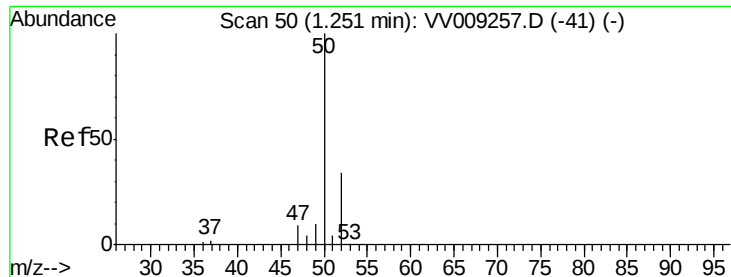
1000

0

1.05 1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.663 ug/l

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

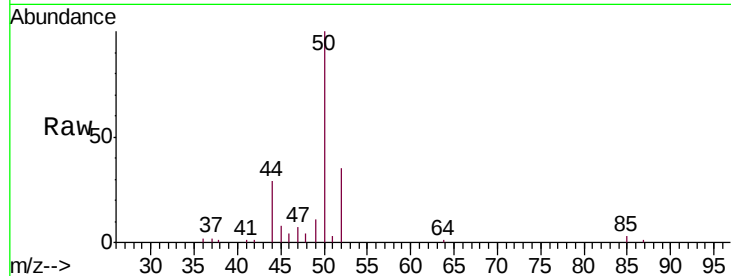
VV0124SBS01

Tgt Ion: 50 Resp: 15106

Ion Ratio Lower Upper

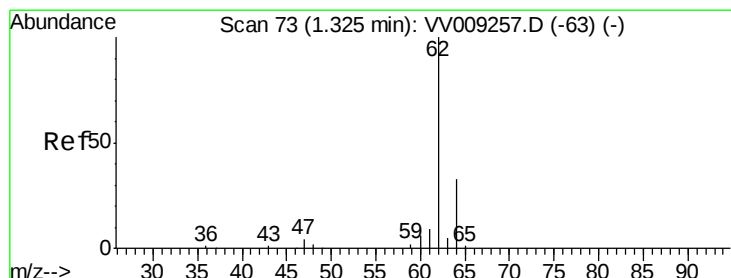
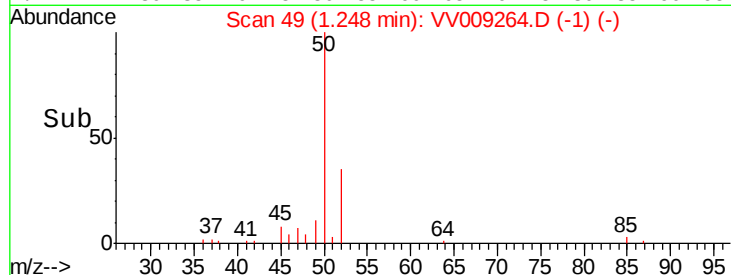
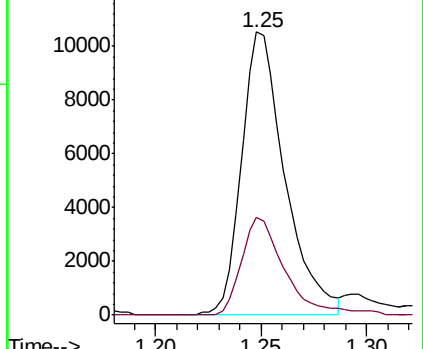
50 100

52 34.8 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VV0

Ion 51.90 (51.60 to 52.60): VV0



#4

Vinyl Chloride

Concen: 19.965 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009264.D

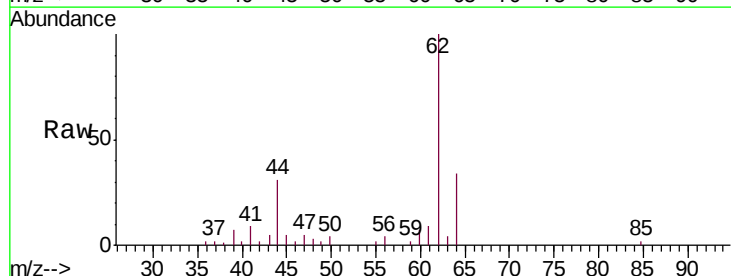
Acq: 24 Jan 2019 17:58

Tgt Ion: 62 Resp: 17297

Ion Ratio Lower Upper

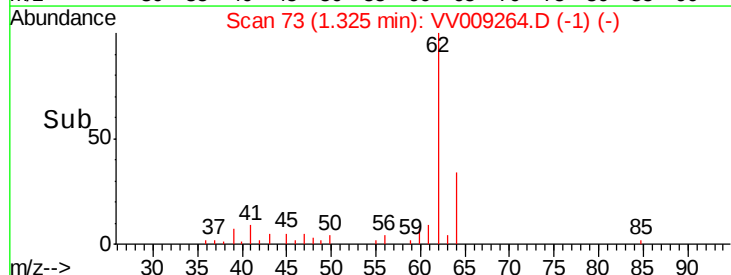
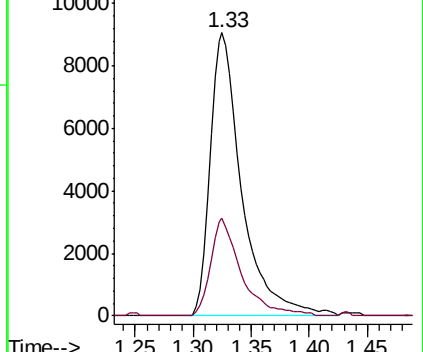
62 100

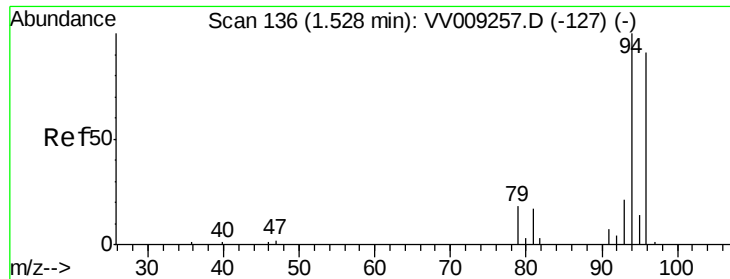
64 34.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 63.90 (63.60 to 64.60): VV0





#5

Bromomethane

Concen: 18.927 ug/l

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

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ClientSampleId :

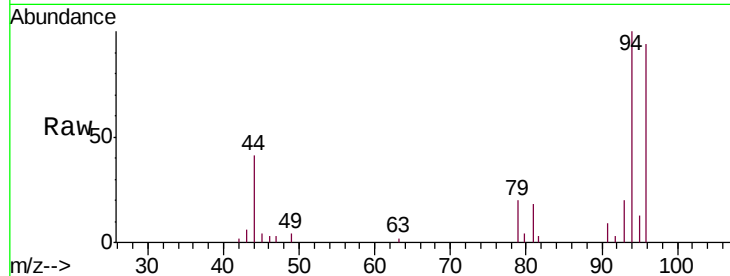
VV0124SBS01

Tgt Ion: 94 Resp: 9278

Ion Ratio Lower Upper

94 100

96 94.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VV0

Ion 95.90 (95.60 to 96.60): VV0

6000

5000

4000

3000

2000

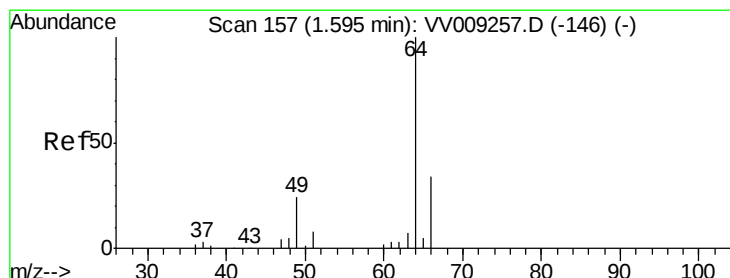
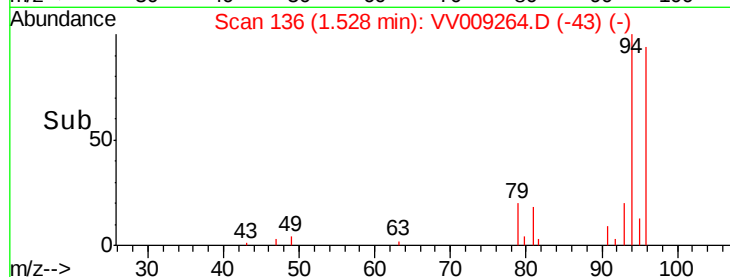
1000

0

1.53

1.45 1.50 1.55 1.60

Time-->



#6

Chloroethane

Concen: 18.596 ug/l

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV009264.D

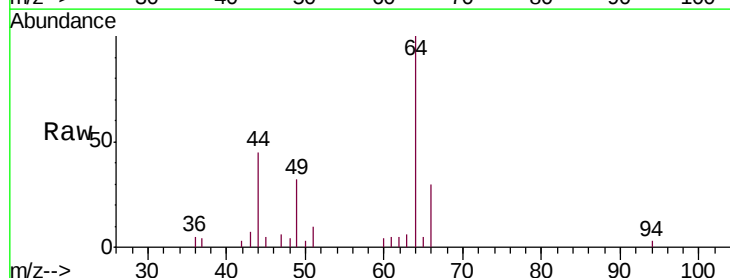
Acq: 24 Jan 2019 17:58

Tgt Ion: 64 Resp: 8450

Ion Ratio Lower Upper

64 100

66 30.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VV0

Ion 65.90 (65.60 to 66.60): VV0

5000

4000

3000

2000

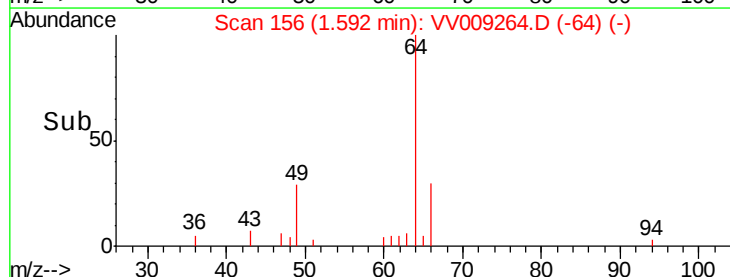
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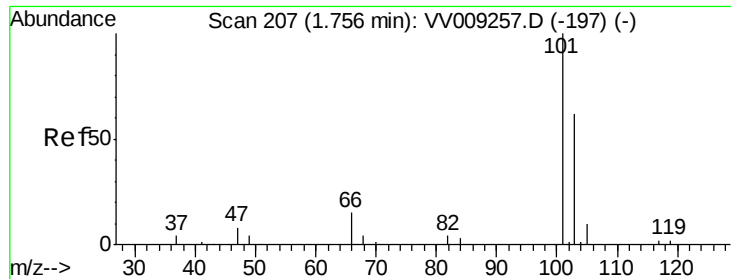
0

1.59

1.55 1.60 1.65

Time-->



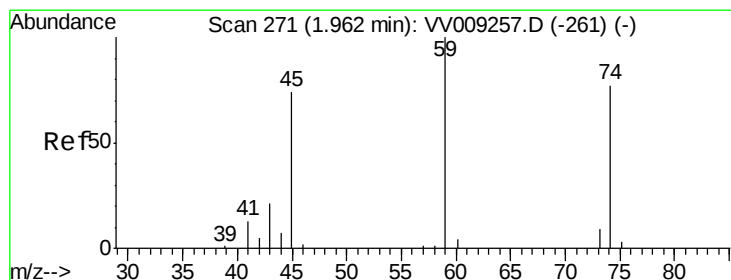
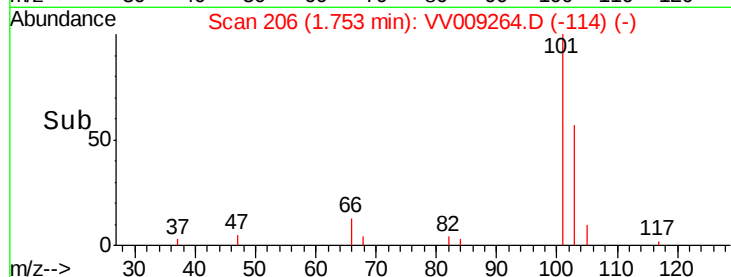
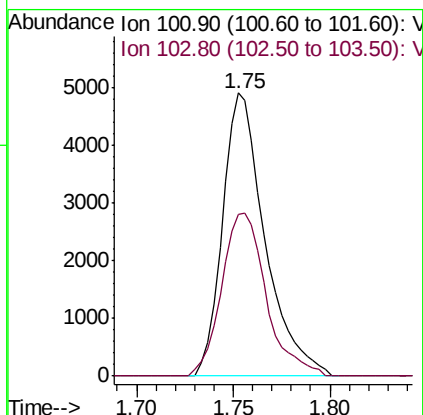
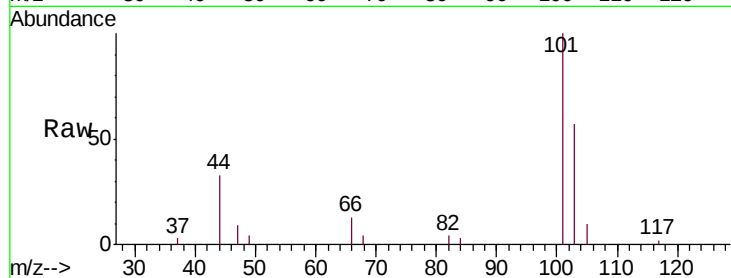


#7

Trichlorofluoromethane
 Concen: 18.205 ug/l
 RT: 1.75 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Instrument :
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 VV0124SBS01

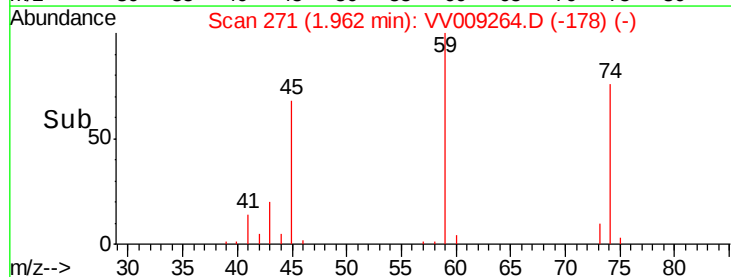
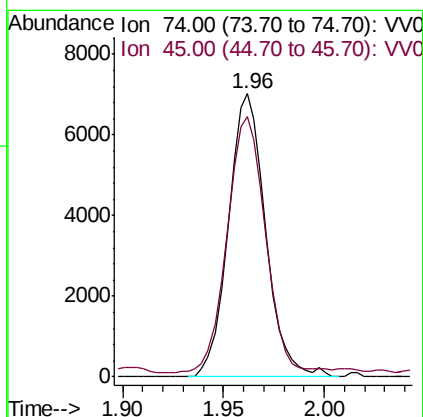
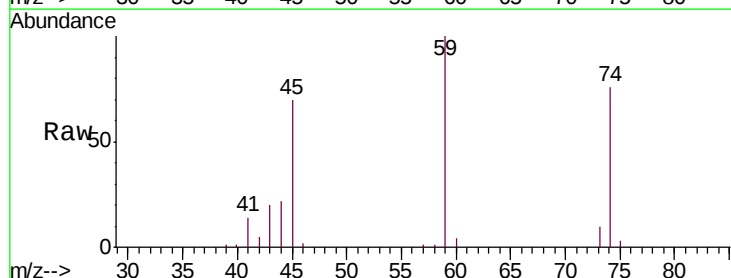
Tgt Ion: 101 Resp: 7451
 Ion Ratio Lower Upper
 101 100
 103 57.3 49.8 74.8

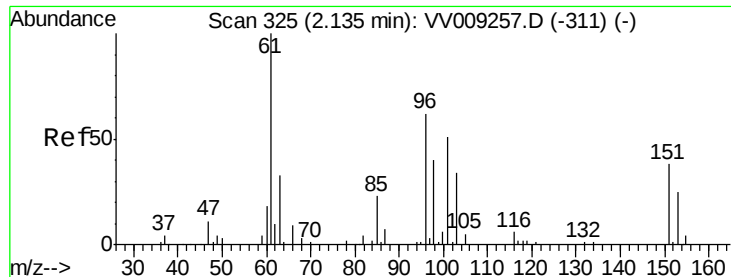


#8

Diethyl Ether
 Concen: 22.181 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 74 Resp: 9039
 Ion Ratio Lower Upper
 74 100
 45 93.4 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.467 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

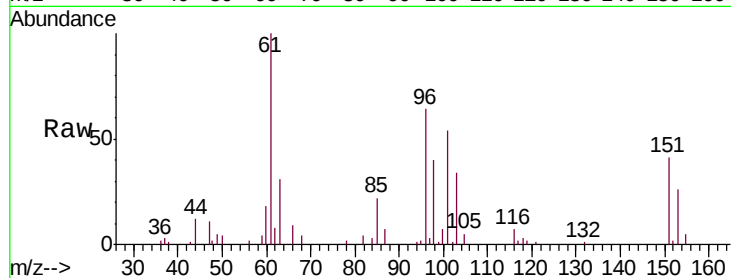
Tgt Ion:101 Resp: 15642

Ion Ratio Lower Upper

101 100

85 40.6 33.8 50.6

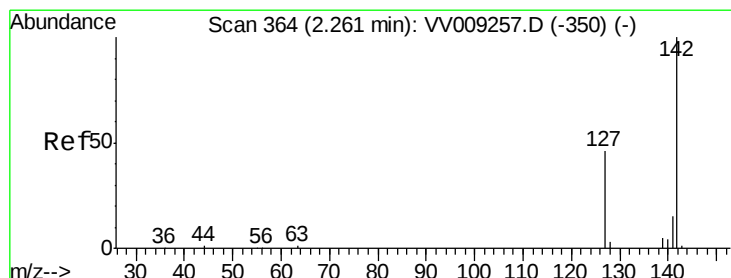
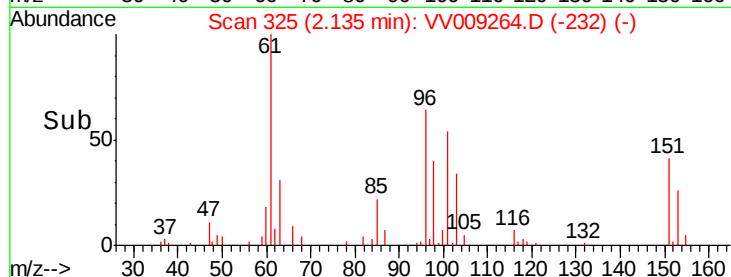
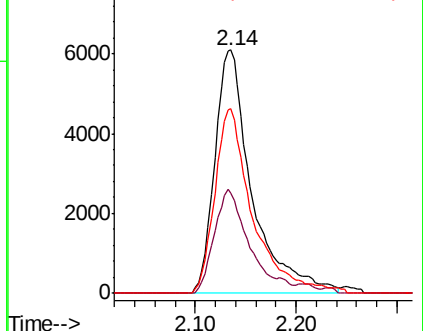
151 77.2 58.3 87.5



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: 20.524 ug/l

RT: 2.26 min Scan# 363

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

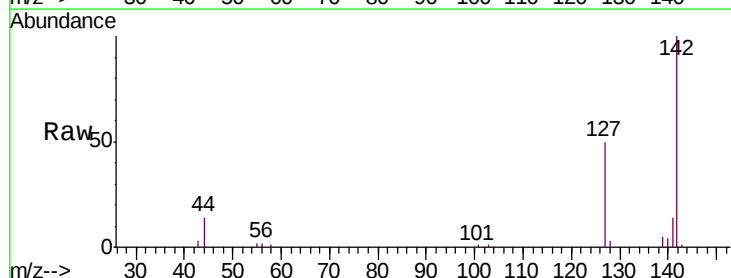
Tgt Ion:142 Resp: 24637

Ion Ratio Lower Upper

142 100

127 47.4 36.8 55.2

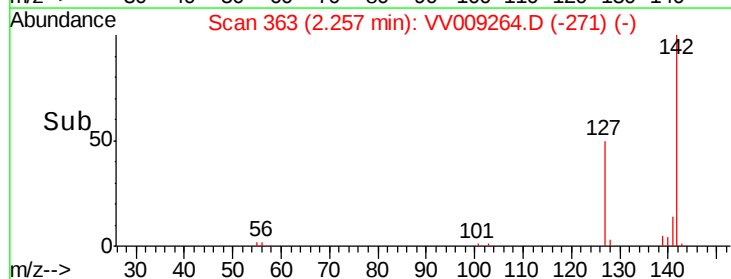
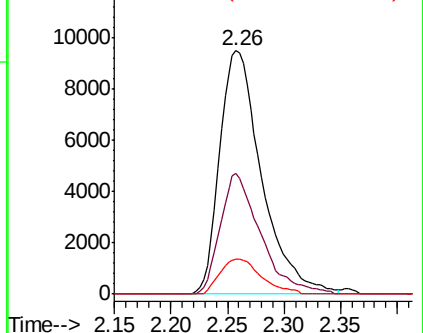
141 14.2 11.6 17.4

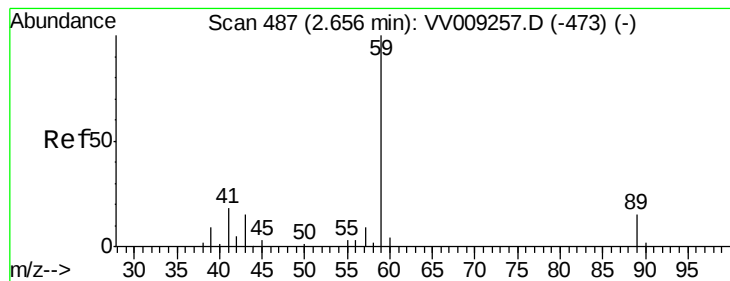


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



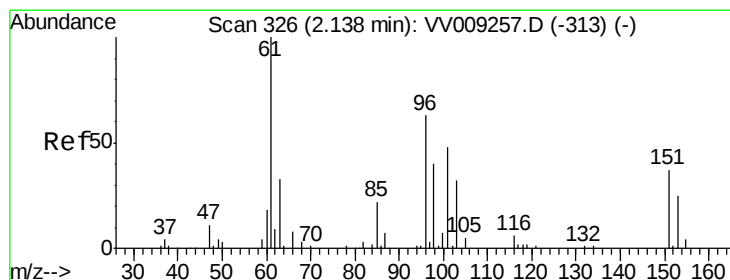
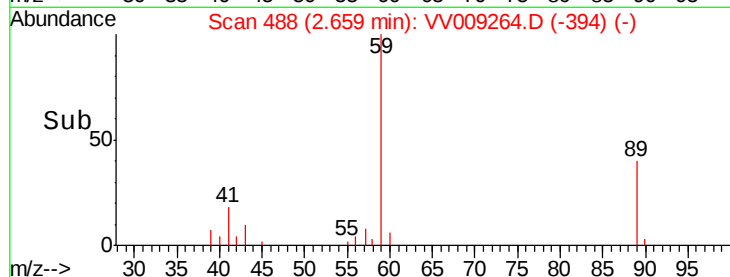
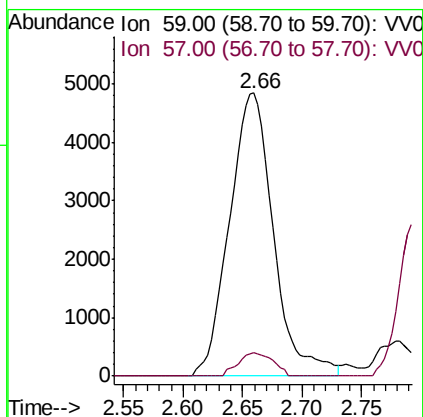
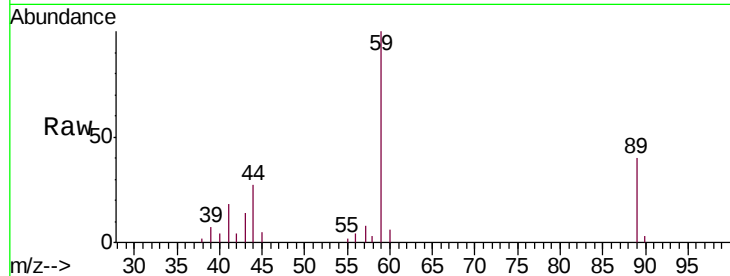


#11

Tert butyl alcohol
 Concen: 160.803 ug/l
 RT: 2.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

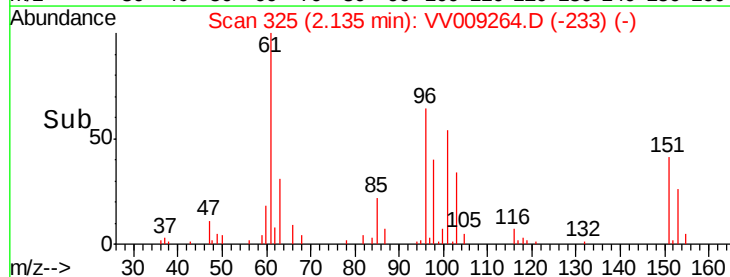
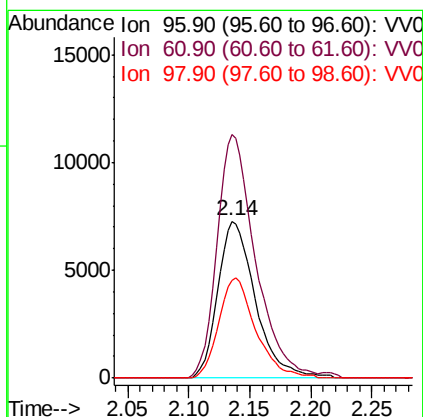
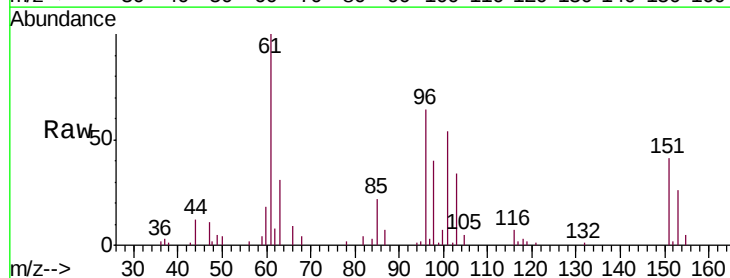
Tgt Ion: 59 Resp: 12418
 Ion Ratio Lower Upper
 59 100
 57 6.5 7.0 10.4#

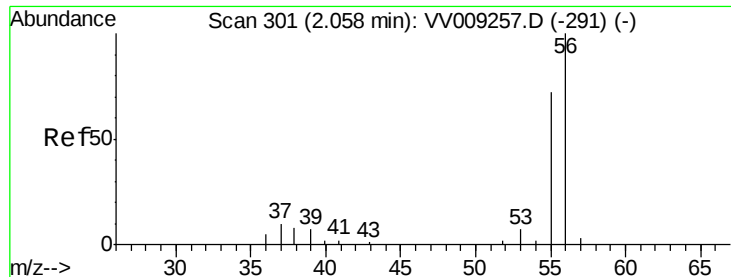


#12

1,1-Dichloroethene
 Concen: 20.740 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 96 Resp: 15703
 Ion Ratio Lower Upper
 96 100
 61 155.1 127.2 190.8
 98 62.5 51.5 77.3





#13

Acrolein

Concen: 123.912 ug/l

RT: 2.05 min Scan# 300

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

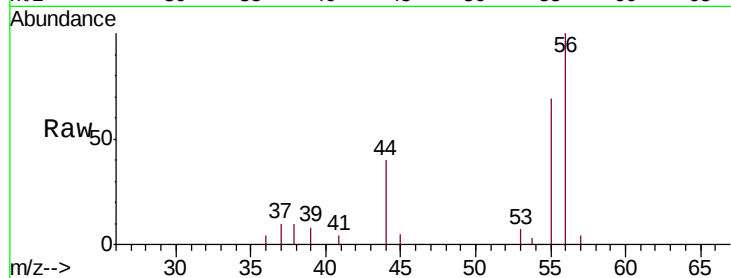
VV0124SBS01

Tgt Ion: 56 Resp: 5428

Ion Ratio Lower Upper

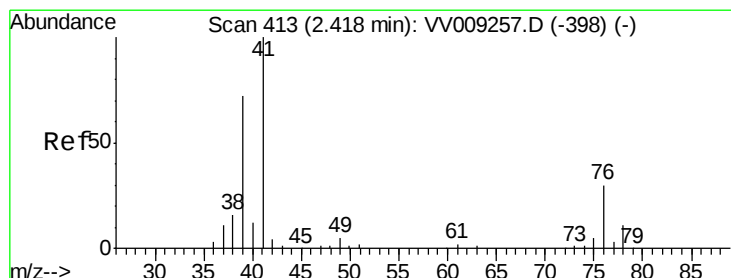
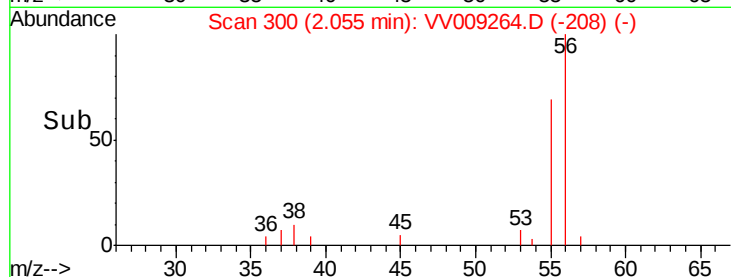
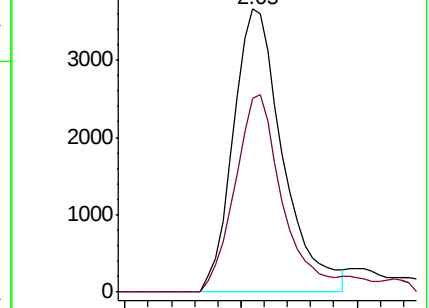
56 100

55 66.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0



#14

Allyl chloride

Concen: 20.751 ug/l

RT: 2.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

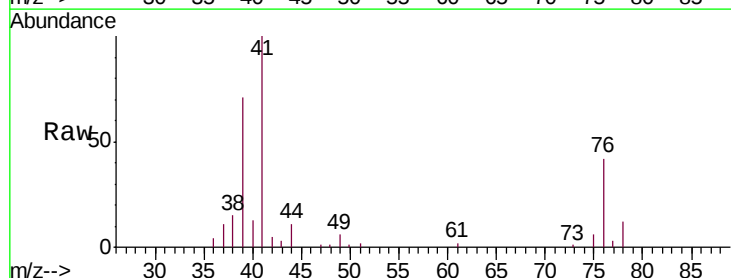
Tgt Ion: 41 Resp: 23468

Ion Ratio Lower Upper

41 100

39 67.4 56.4 84.6

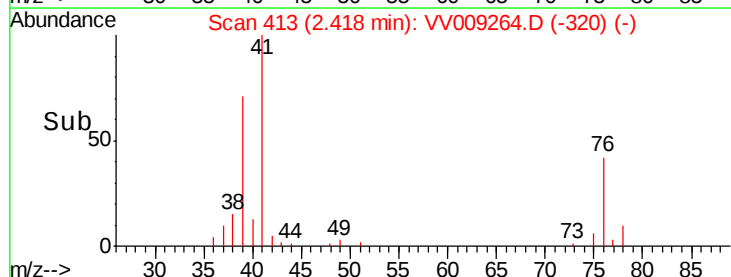
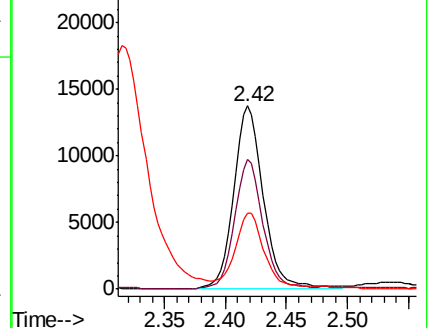
76 38.1 30.6 46.0

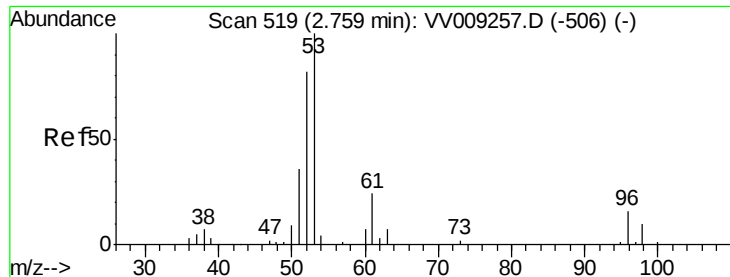


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0





#15

Acrylonitrile

Concen: 121.232 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

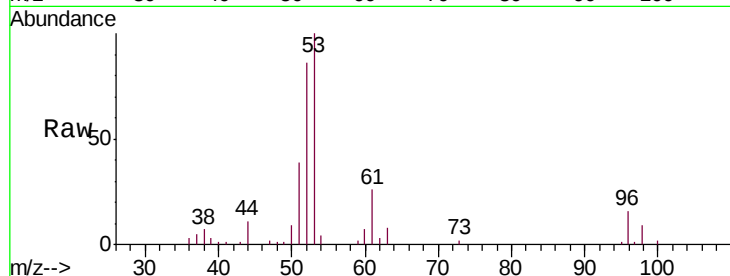
Tgt Ion: 53 Resp: 23137

Ion Ratio Lower Upper

53 100

52 83.8 67.2 100.8

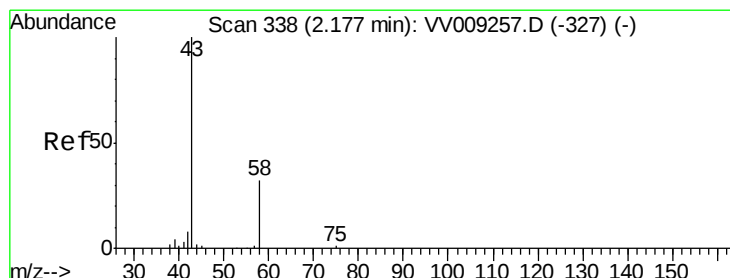
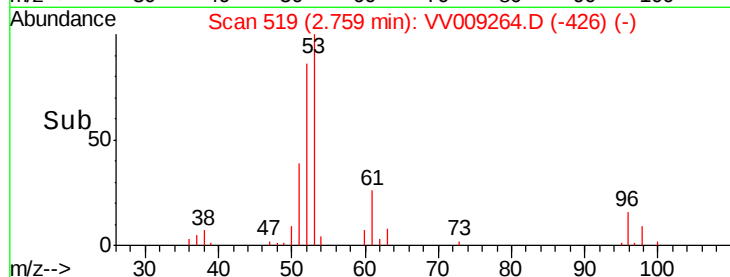
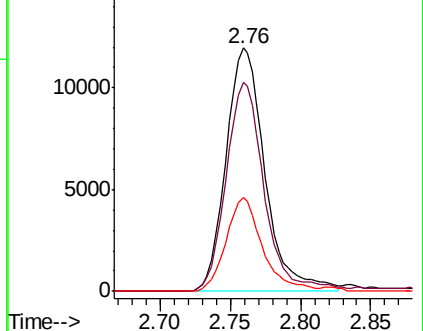
51 36.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

Ion 51.00 (50.70 to 51.70): VV0



#16

Acetone

Concen: 98.247 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009264.D

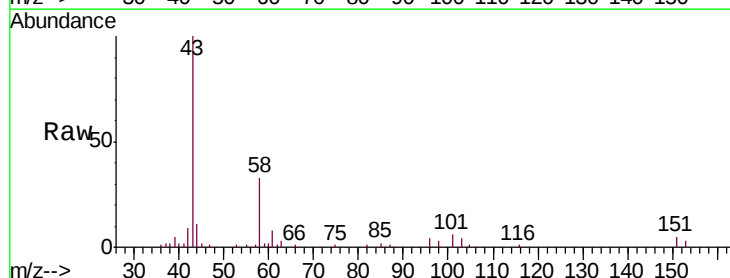
Acq: 24 Jan 2019 17:58

Tgt Ion: 43 Resp: 24663

Ion Ratio Lower Upper

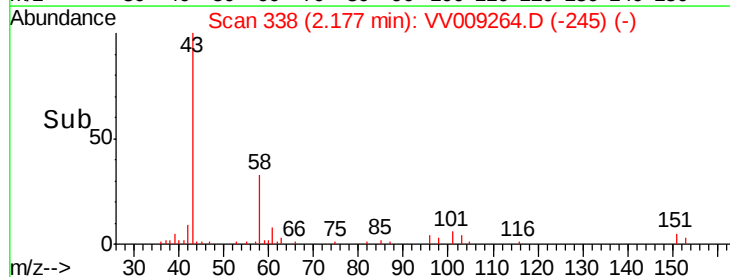
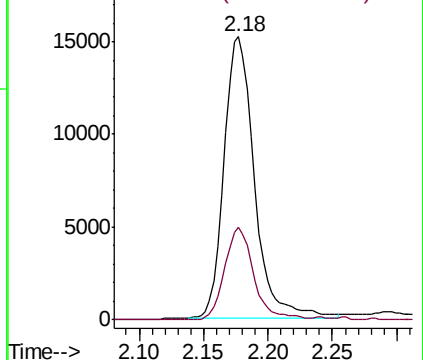
43 100

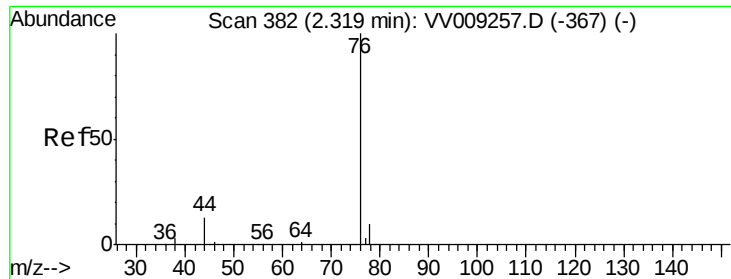
58 32.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

Carbon Disulfide

Concen: 20.588 ug/l

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

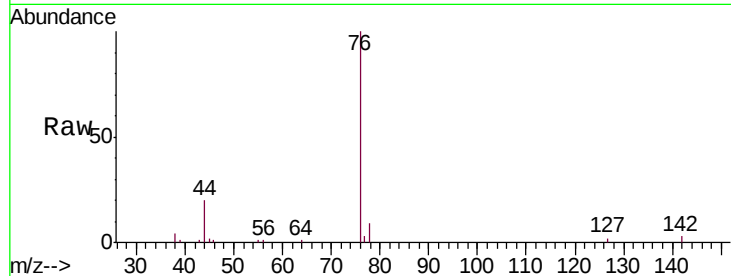
VV0124SBS01

Tgt Ion: 76 Resp: 43762

Ion Ratio Lower Upper

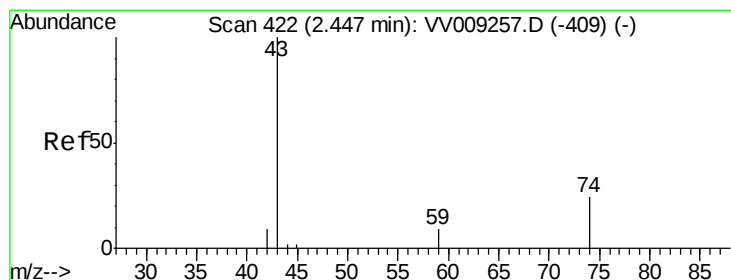
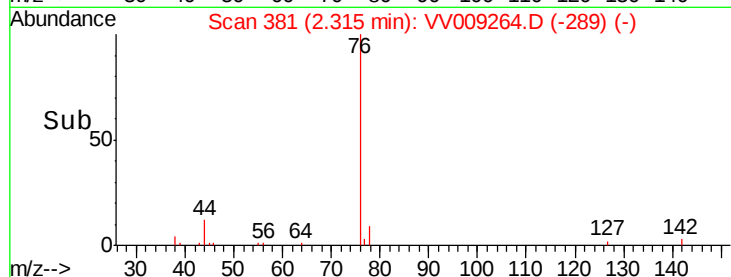
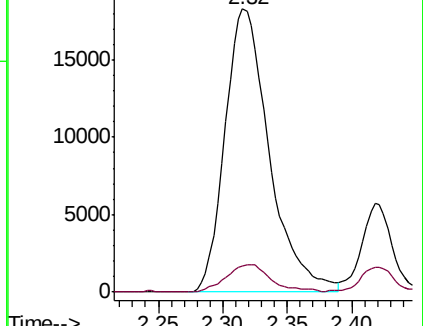
76 100

78 9.4 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) (-)



#18

Methyl Acetate

Concen: 24.571 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009264.D

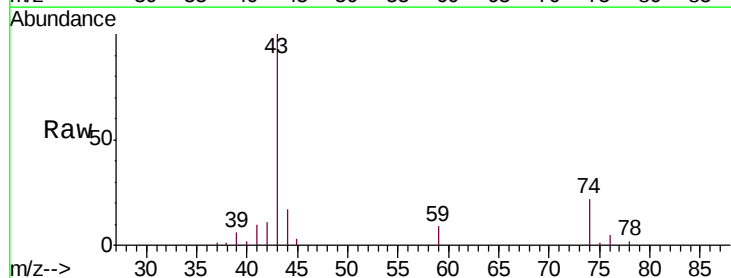
Acq: 24 Jan 2019 17:58

Tgt Ion: 43 Resp: 15444

Ion Ratio Lower Upper

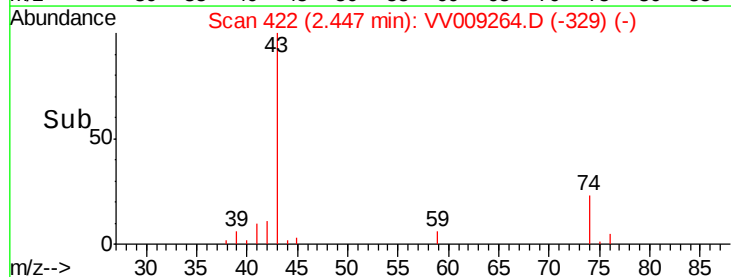
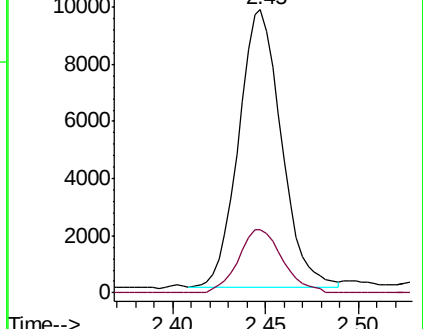
43 100

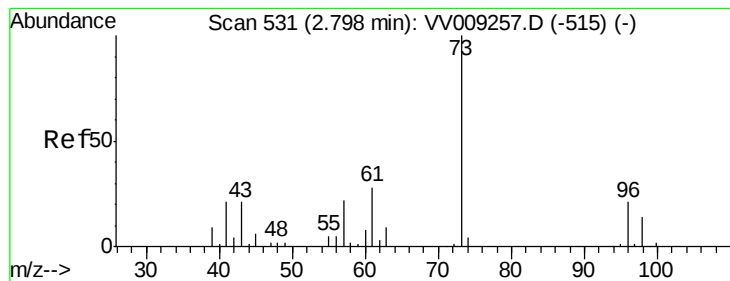
74 23.9 19.4 29.2



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

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



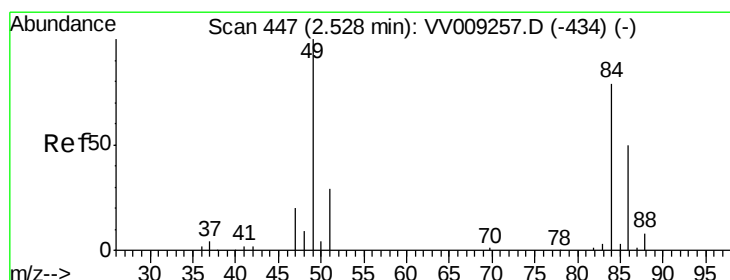
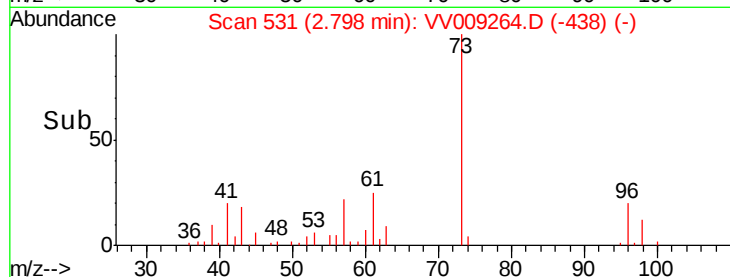
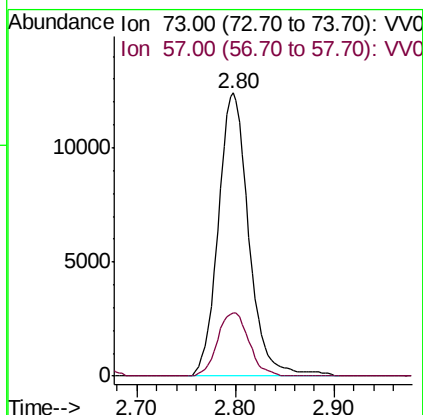
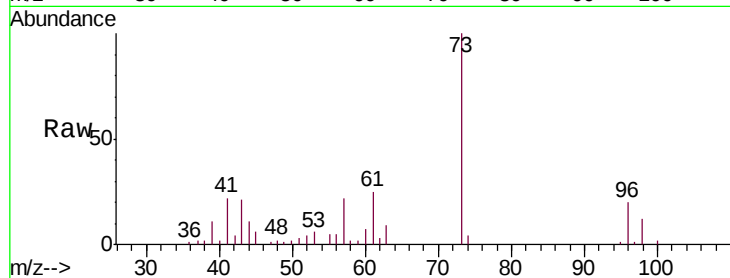


#19

Methyl tert-butyl Ether
 Concen: 22.718 ug/l
 RT: 2.80 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Instrument :
 MSVOA_V
 ClientSampleID :
 VV0124SBS01

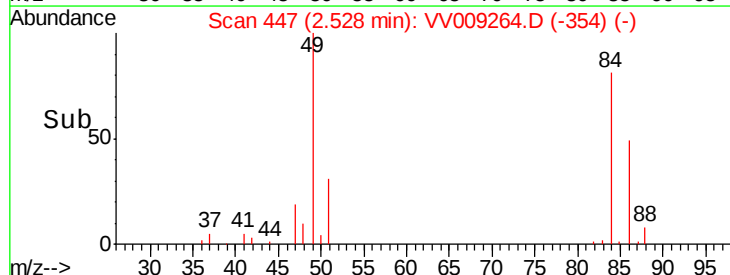
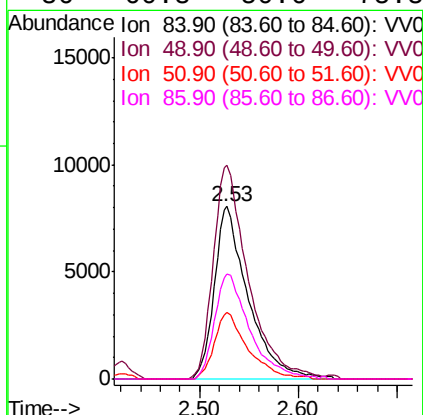
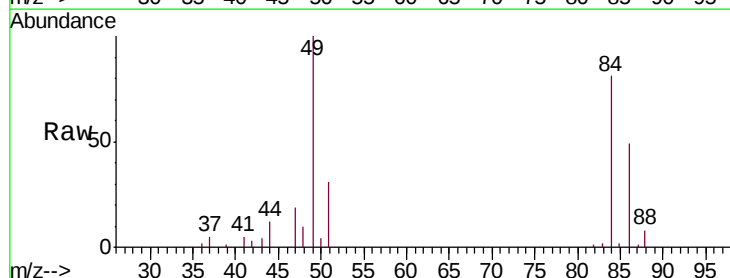
Tgt Ion: 73 Resp: 26925
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.3 25.9

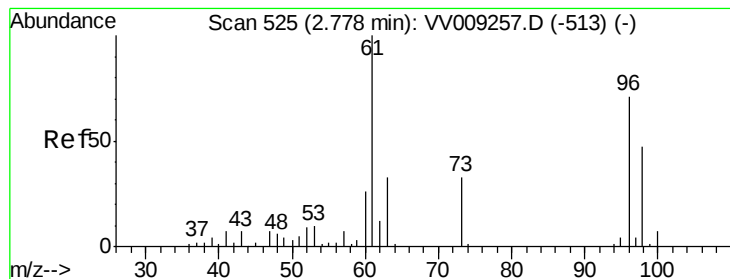


#20

Methylene Chloride
 Concen: 22.654 ug/l
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 84 Resp: 19289
 Ion Ratio Lower Upper
 84 100
 49 124.0 101.5 152.3
 51 38.5 29.6 44.4
 86 60.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.152 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

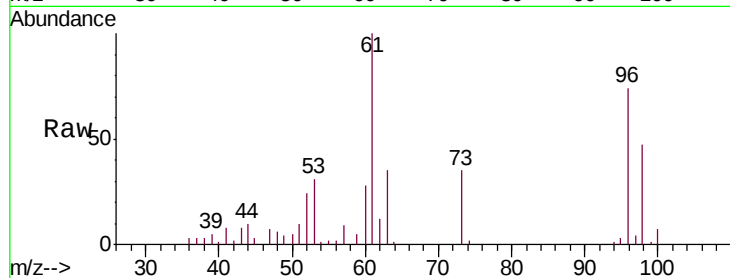
Tgt Ion: 96 Resp: 16584

Ion Ratio Lower Upper

96 100

61 135.8 112.1 168.1

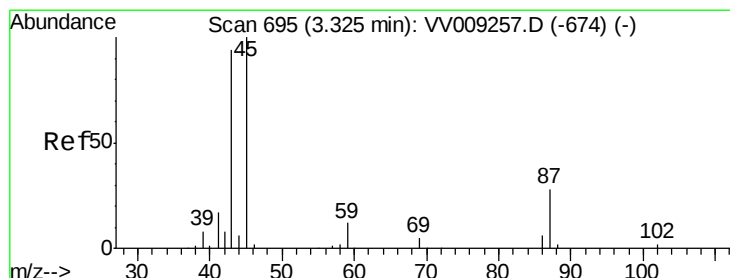
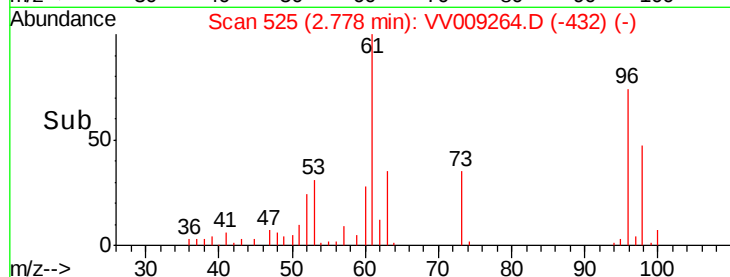
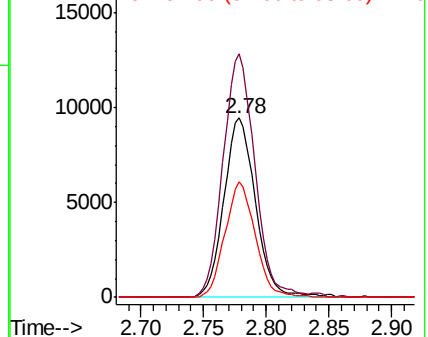
98 64.2 52.8 79.2



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: 21.383 ug/l

RT: 3.33 min Scan# 696

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Tgt Ion: 45 Resp: 57797

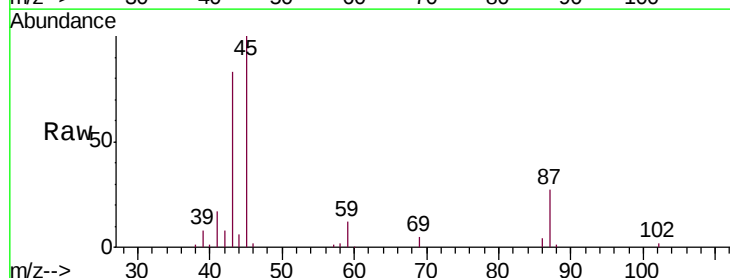
Ion Ratio Lower Upper

45 100

43 80.7 75.3 112.9

87 27.2 22.4 33.6

59 12.0 9.3 13.9

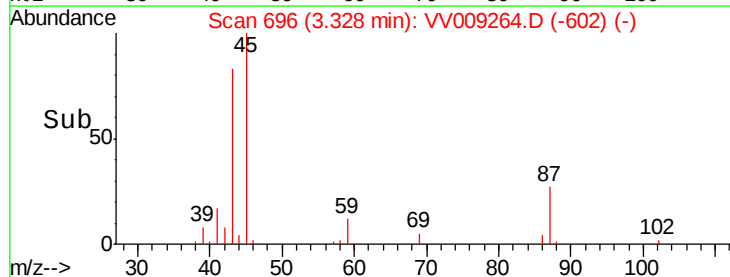
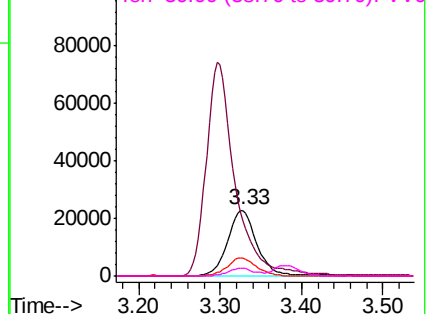


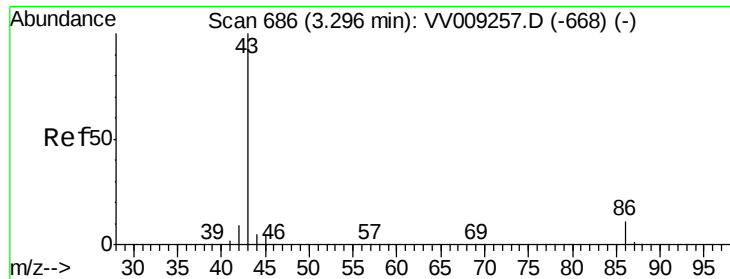
Abundance Ion 45.00 (44.70 to 45.70): VV009257.D (-674) (-)

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: 109.958 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

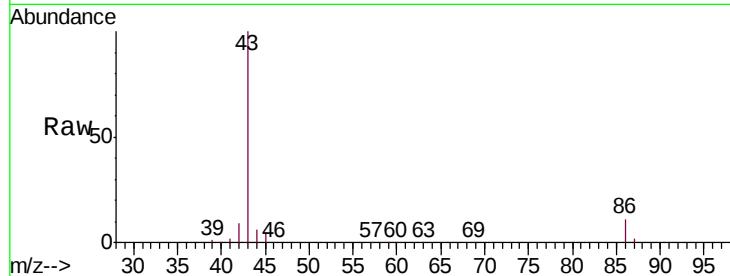
VV0124SBS01

Tgt Ion: 43 Resp: 183231

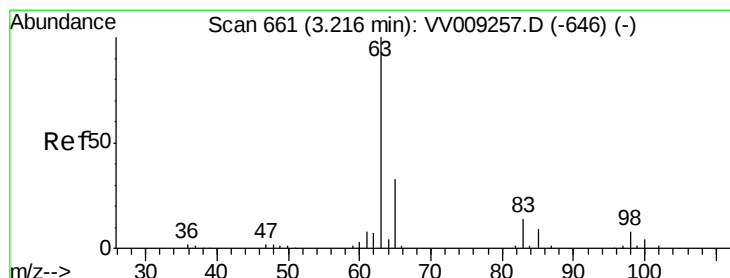
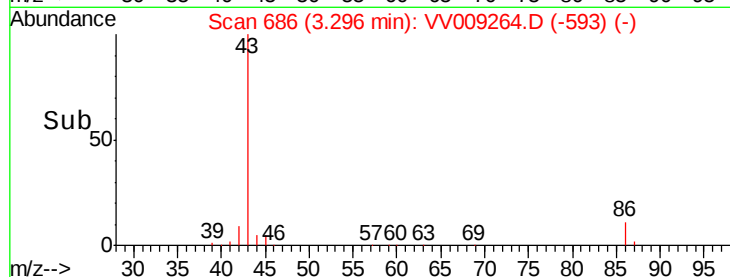
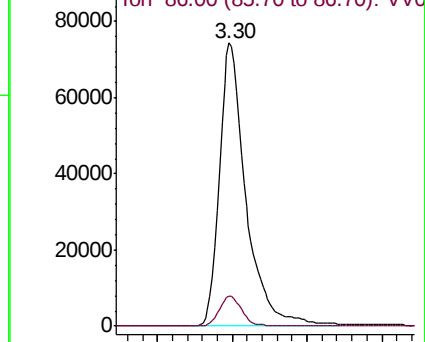
Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



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



#24

1,1-Dichloroethane

Concen: 20.775 ug/l

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

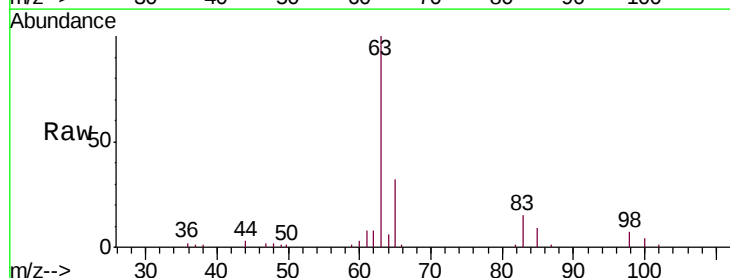
Tgt Ion: 63 Resp: 34681

Ion Ratio Lower Upper

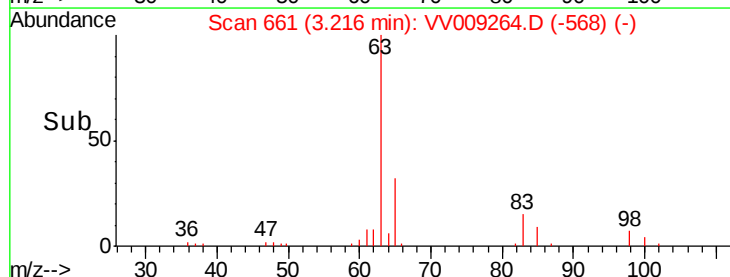
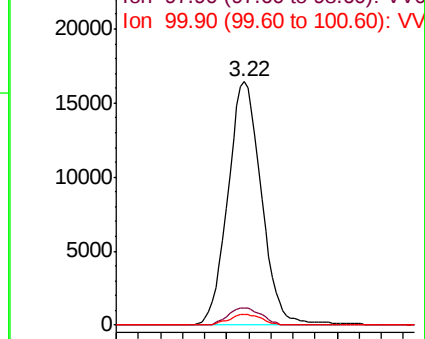
63 100

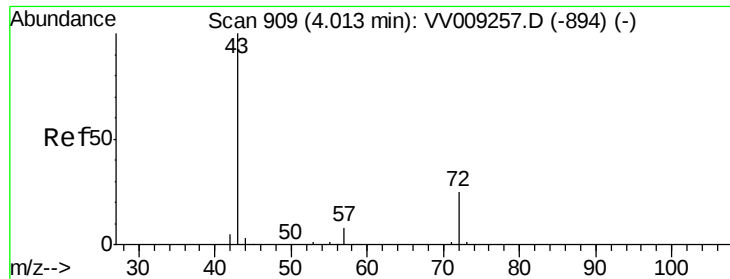
98 7.1 3.8 11.4

100 4.5 2.0 6.0



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





#25

2-Butanone

Concen: 110.462 ug/l

RT: 4.02 min Scan# 910

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

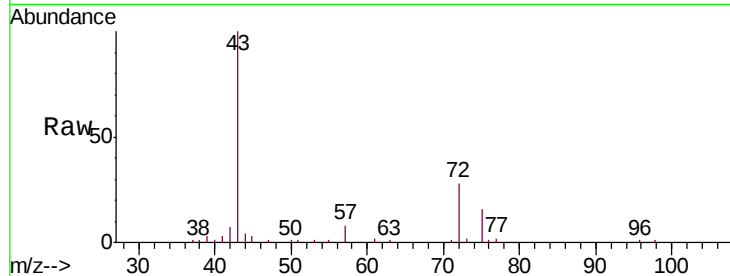
VV0124SBS01

Tgt Ion: 43 Resp: 36341

Ion Ratio Lower Upper

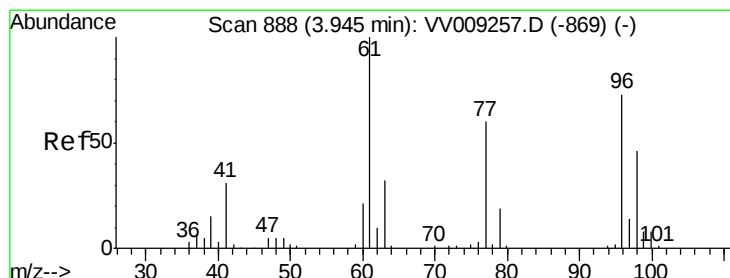
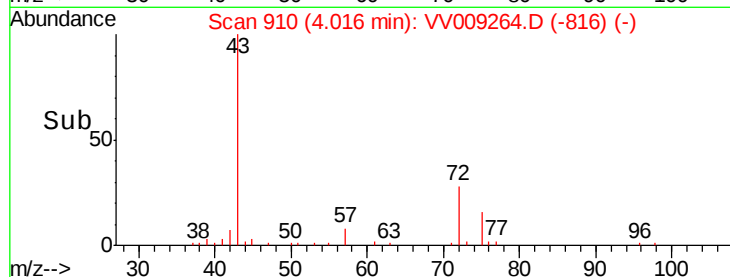
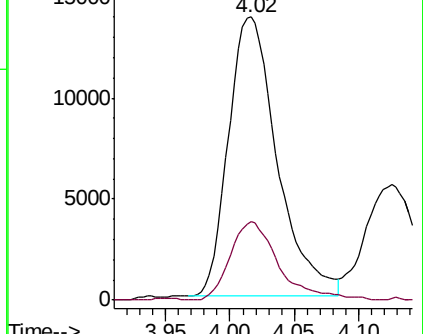
43 100

72 28.0 20.2 30.4



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

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



#26

2,2-Dichloropropane

Concen: 19.866 ug/l

RT: 3.95 min Scan# 889

Delta R.T. 0.00 min

Lab File: VV009264.D

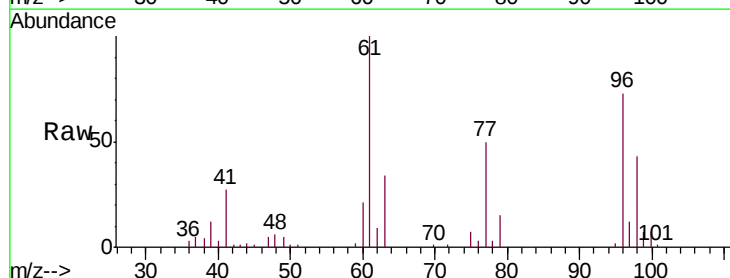
Acq: 24 Jan 2019 17:58

Tgt Ion: 77 Resp: 16818

Ion Ratio Lower Upper

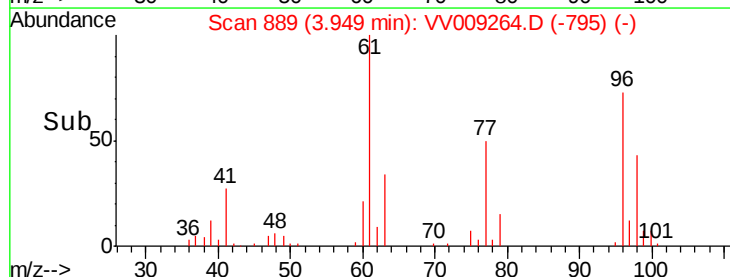
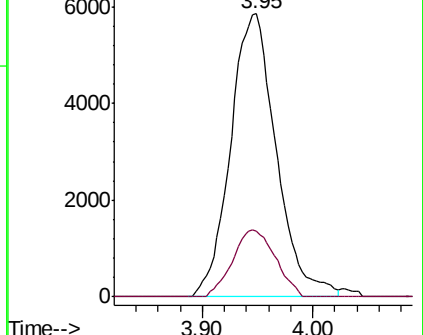
77 100

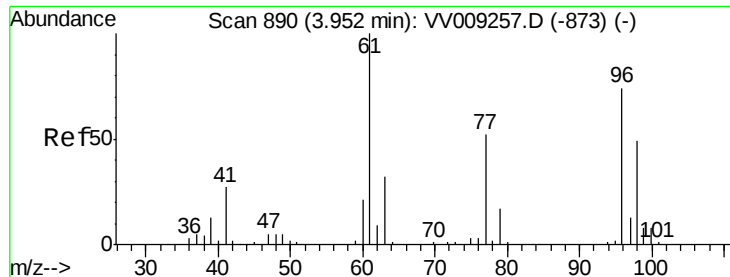
97 22.1 11.7 35.1



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

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



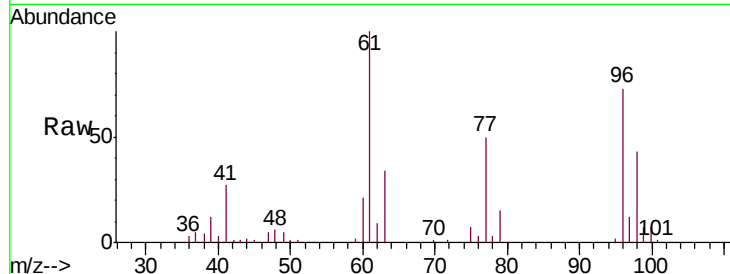


#27

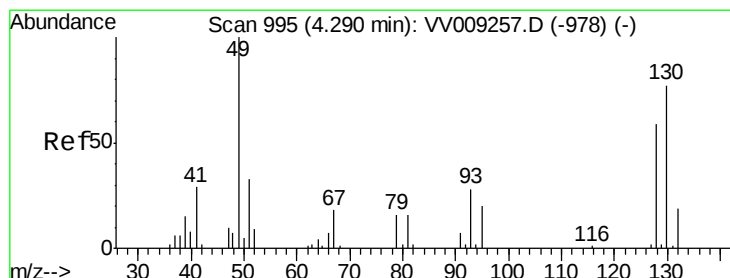
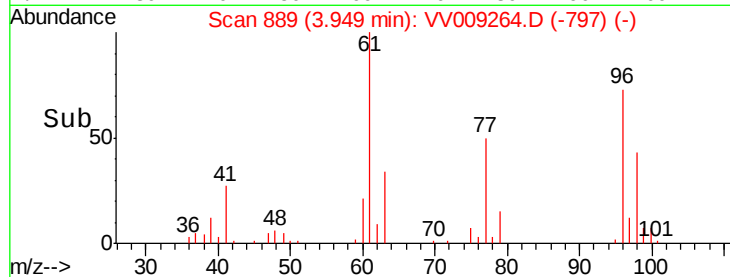
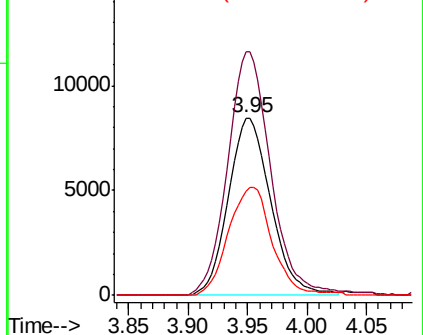
cis-1,2-Dichloroethene
Concen: 21.028 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Tgt Ion: 96 Resp: 20906
Ion Ratio Lower Upper
96 100
61 140.6 0.0 277.6
98 62.3 0.0 127.6



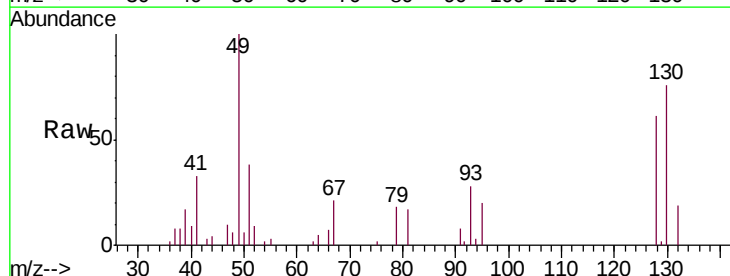
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



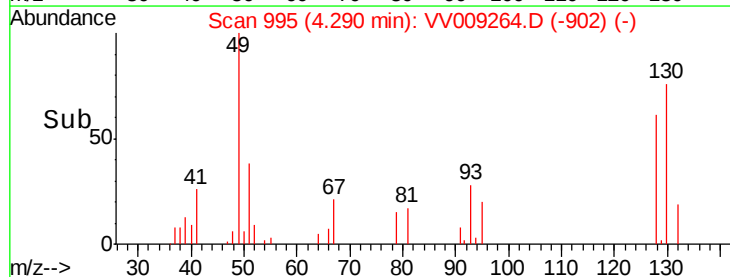
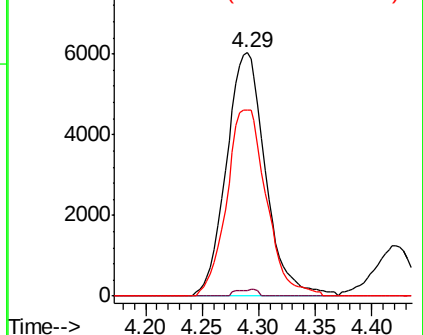
#28

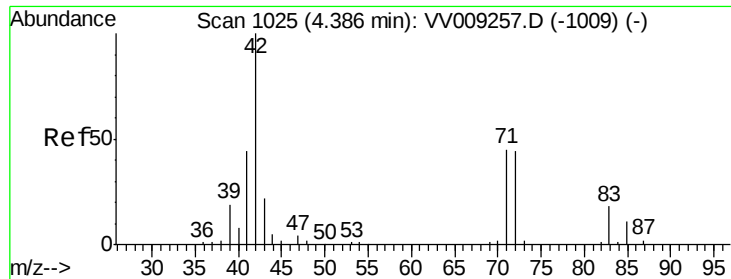
Bromochloromethane
Concen: 21.662 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 49 Resp: 14507
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.6
130 77.7 63.8 95.8



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





#29

Tetrahydrofuran

Concen: 125.050 ug/l

RT: 4.39 min Scan# 1025

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

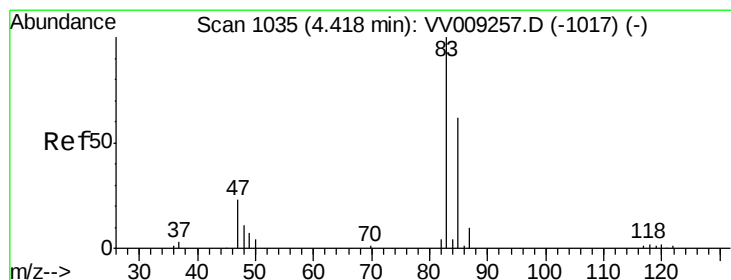
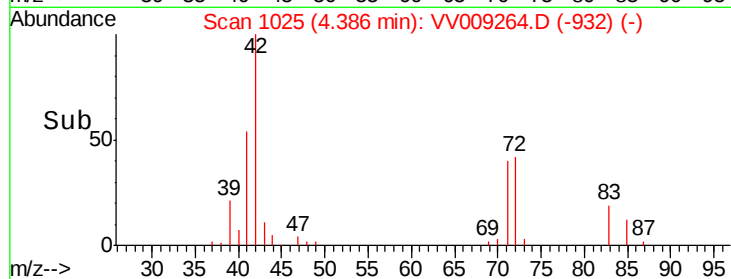
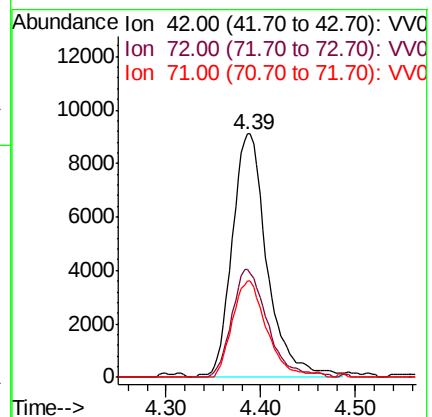
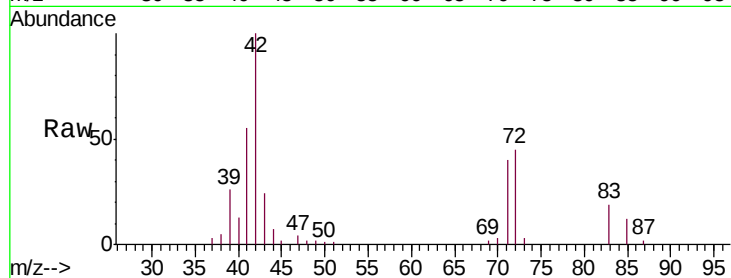
Tgt Ion: 42 Resp: 23448

Ion Ratio Lower Upper

42 100

72 44.5 36.0 54.0

71 39.4 33.3 49.9



#30

Chloroform

Concen: 20.684 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009264.D

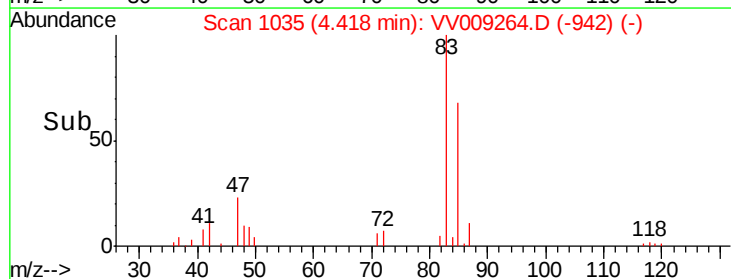
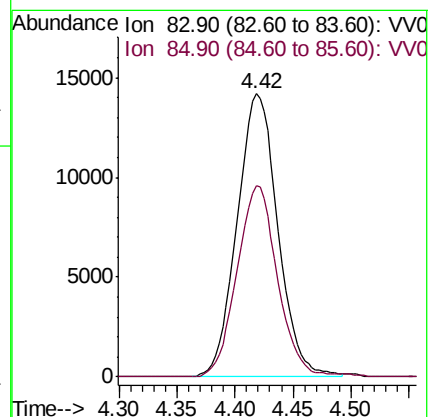
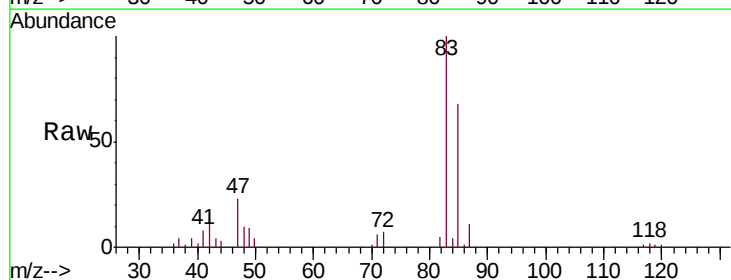
Acq: 24 Jan 2019 17:58

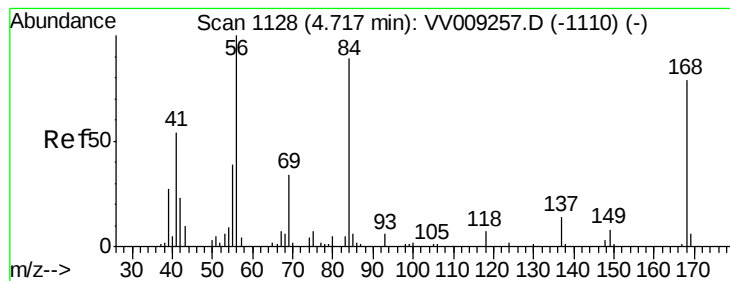
Tgt Ion: 83 Resp: 34695

Ion Ratio Lower Upper

83 100

85 67.6 49.9 74.9





#31

Cyclohexane

Concen: 19.802 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampled :
VV0124SBS01

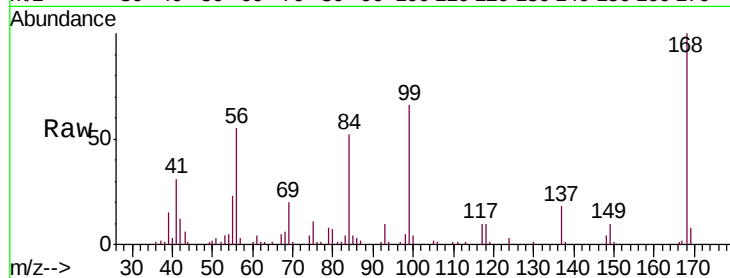
Tgt Ion: 56 Resp: 30475

Ion Ratio Lower Upper

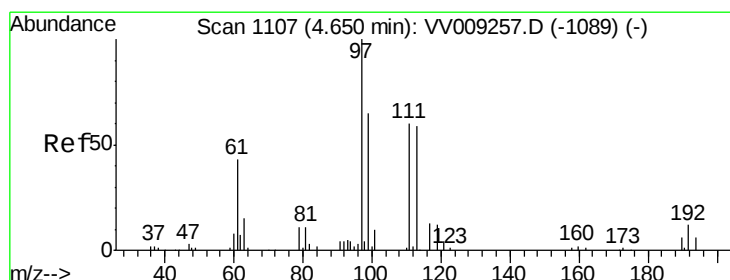
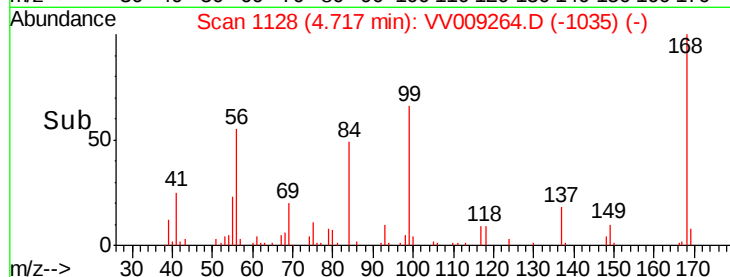
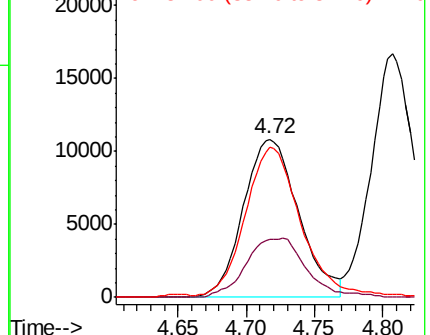
56 100

69 36.5 27.5 41.3

84 93.6 70.9 106.3



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#32

1,1,1-Trichloroethane

Concen: 21.154 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

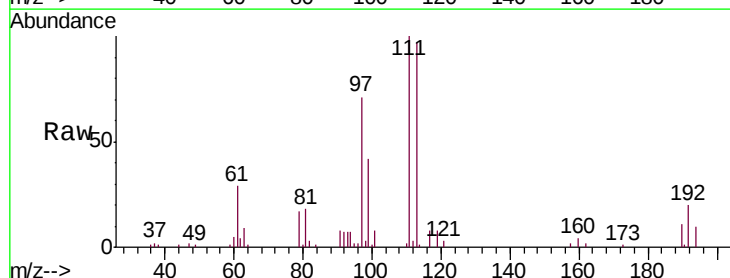
Tgt Ion: 97 Resp: 27588

Ion Ratio Lower Upper

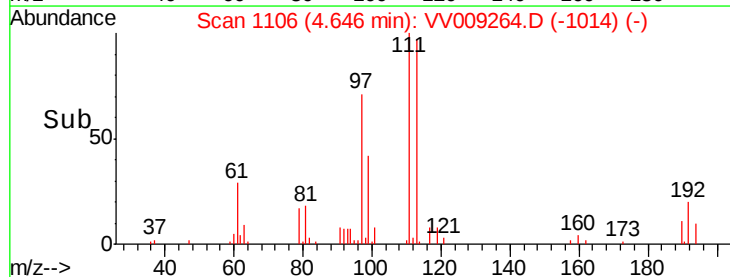
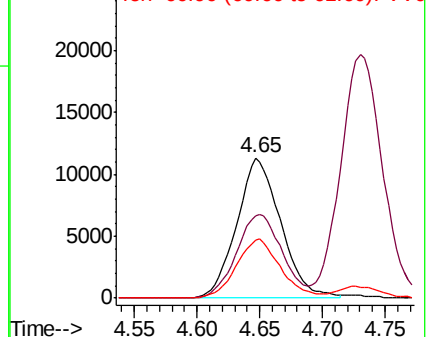
97 100

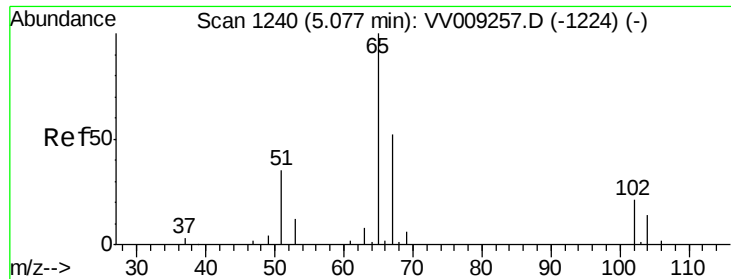
99 61.9 49.8 74.8

61 42.0 33.4 50.0



Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0

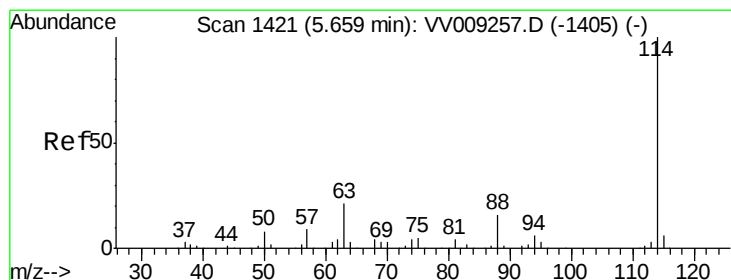
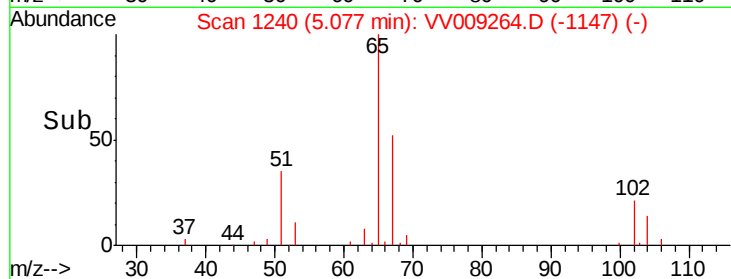
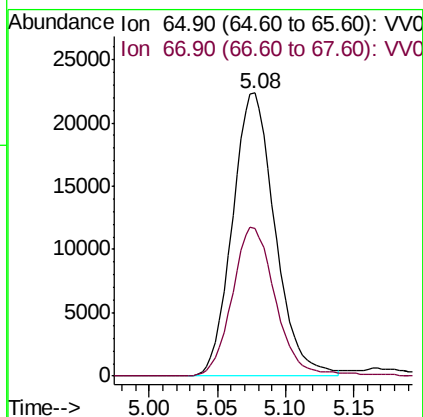
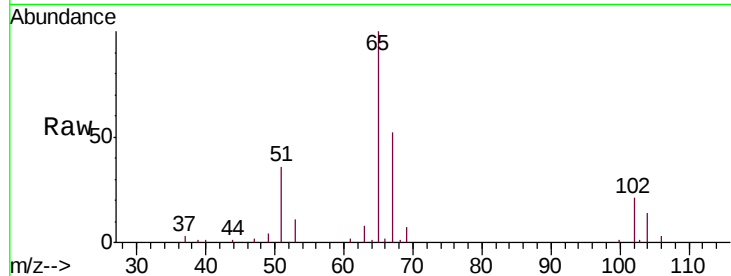




#33
 1,2-Dichloroethane-d4
 Concen: 52.897 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

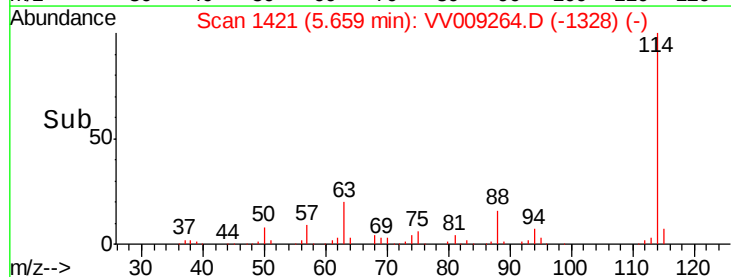
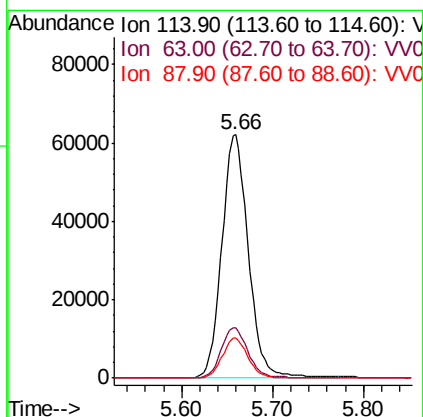
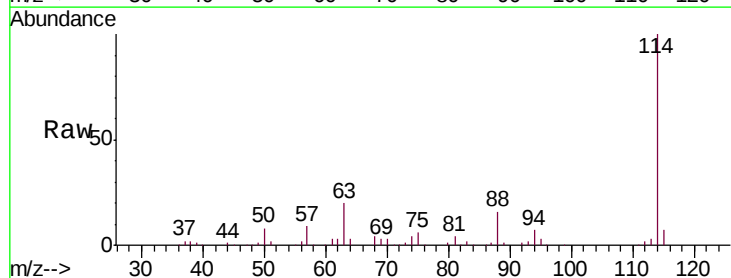
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

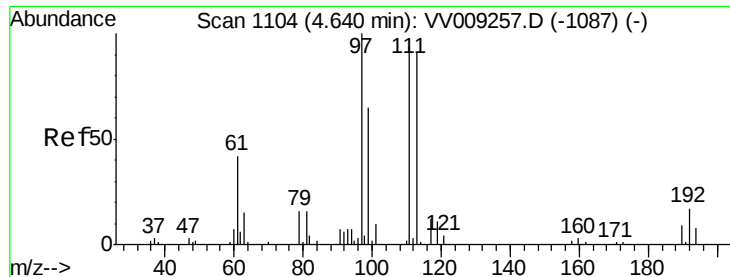
Tgt Ion: 65 Resp: 48481
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 114 Resp: 125888
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 16.3 0.0 33.0

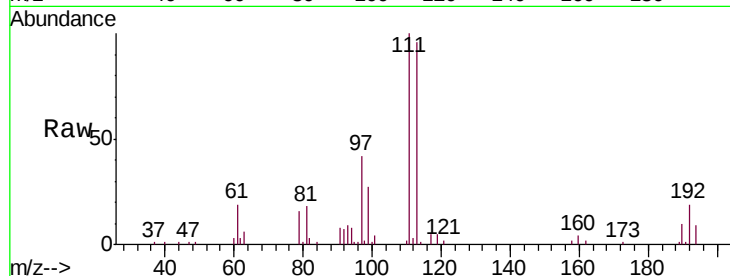




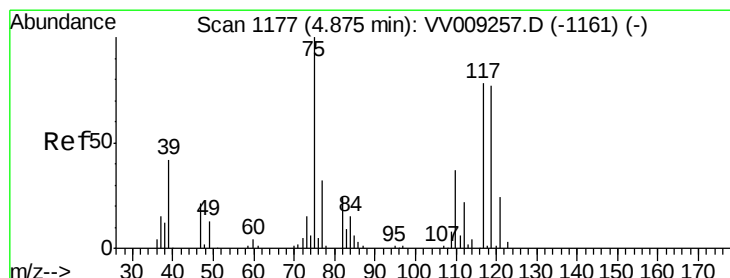
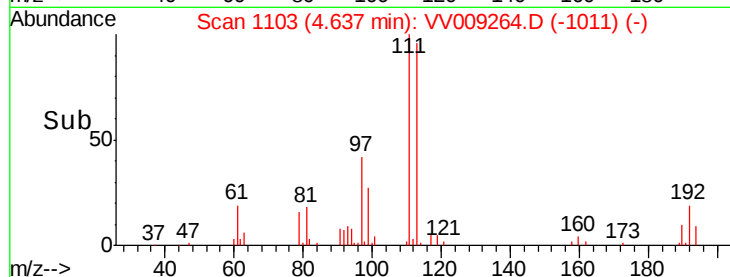
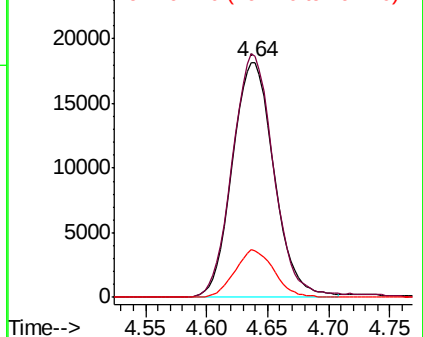
#35
 Dibromofluoromethane
 Concen: 52.036 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

Tgt Ion:113 Resp: 43220
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 19.0 15.0 22.6

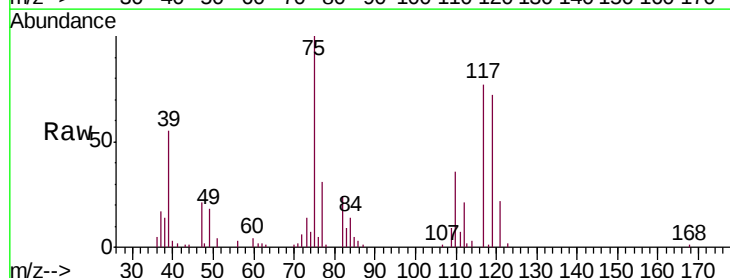


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

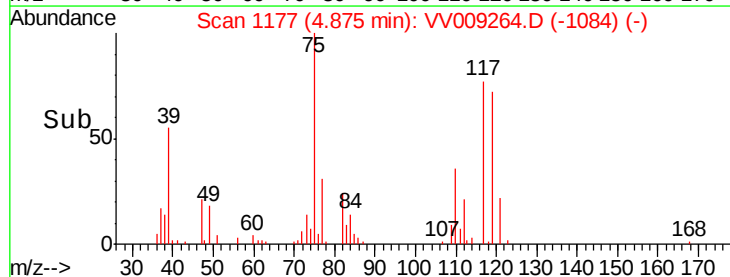
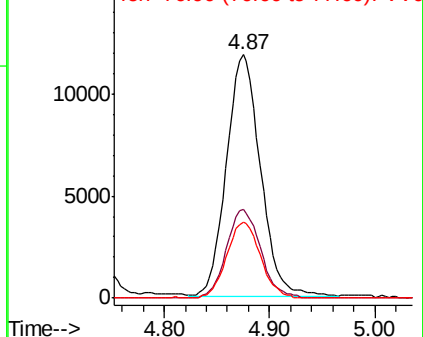


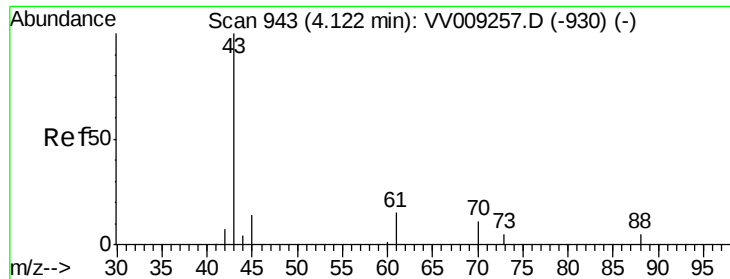
#36
 1,1-Dichloropropene
 Concen: 20.897 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 75 Resp: 26340
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.6 52.9
 77 31.2 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: 21.846 ug/l

RT: 4.13 min Scan# 944

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

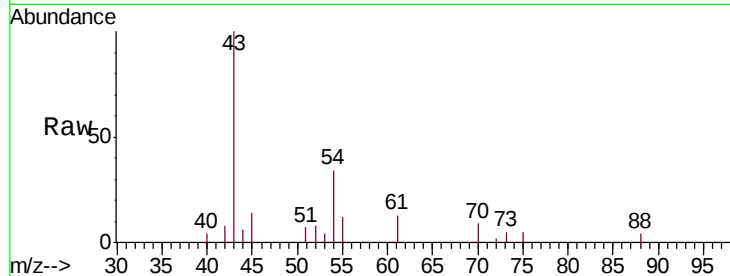
Tgt Ion: 43 Resp: 15249

Ion Ratio Lower Upper

43 100

61 15.2 10.6 15.8

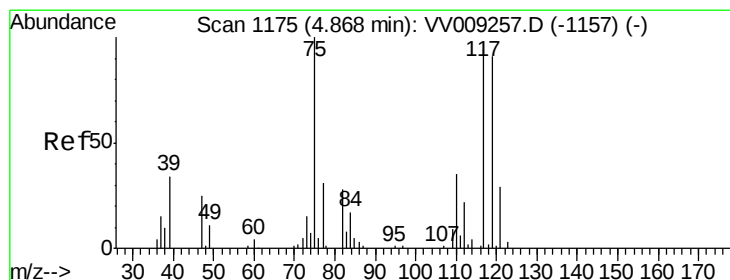
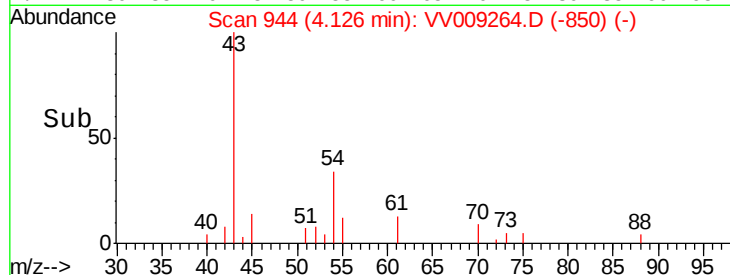
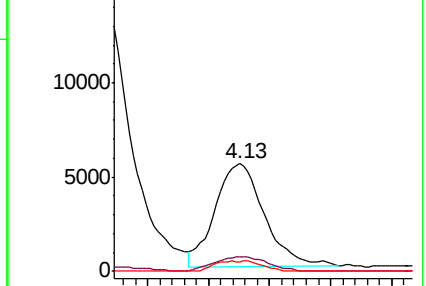
70 9.5 8.0 12.0



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

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

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



#38

Carbon Tetrachloride

Concen: 20.596 ug/l

RT: 4.87 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

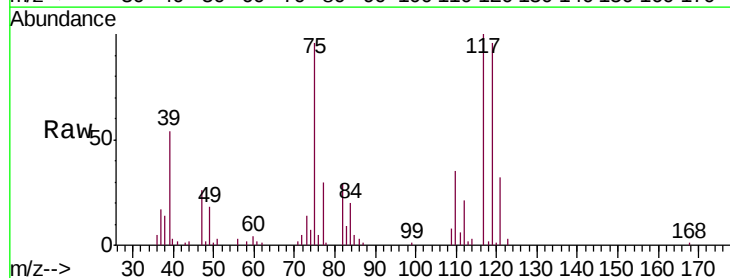
Tgt Ion: 117 Resp: 25673

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2

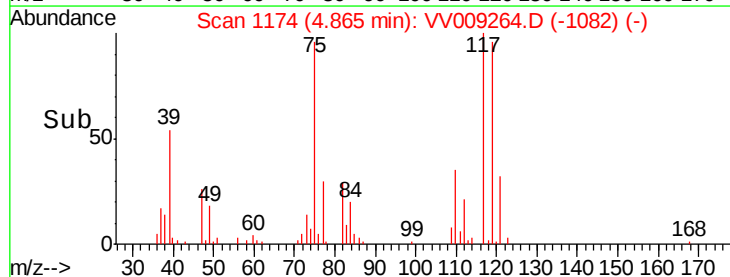
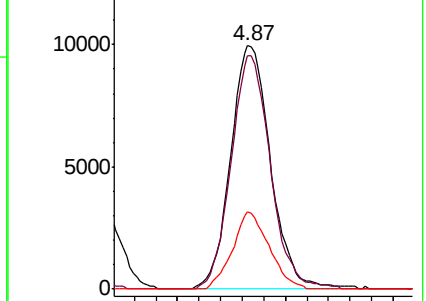
121 31.6 24.8 37.2

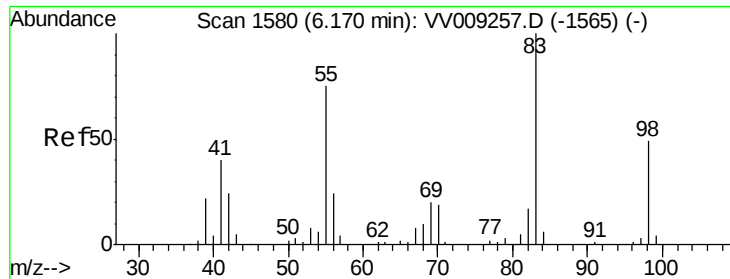


Abundance Ion 116.80 (116.50 to 117.50): VV009257.D (-1157) (-)

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

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

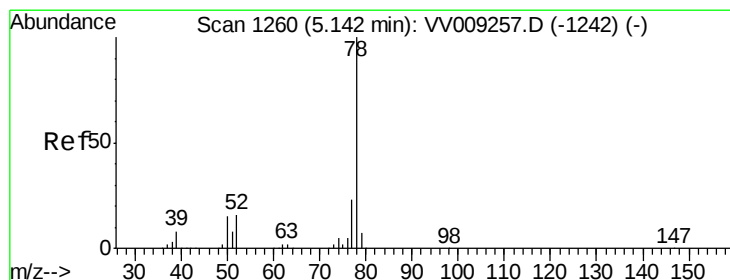
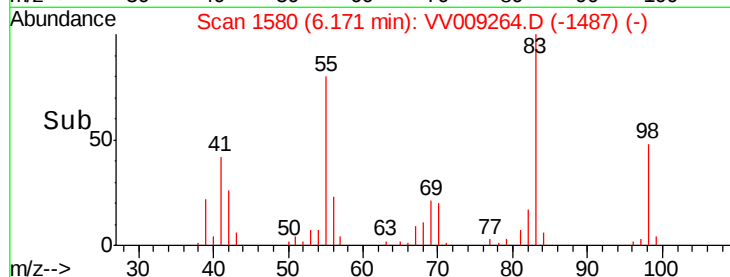
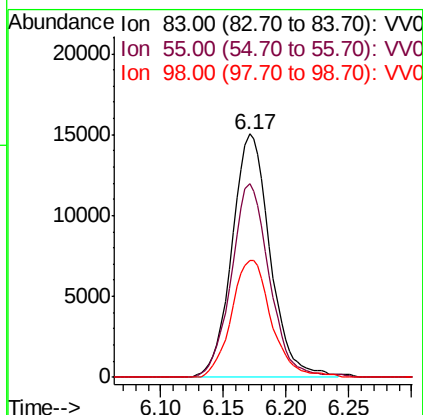
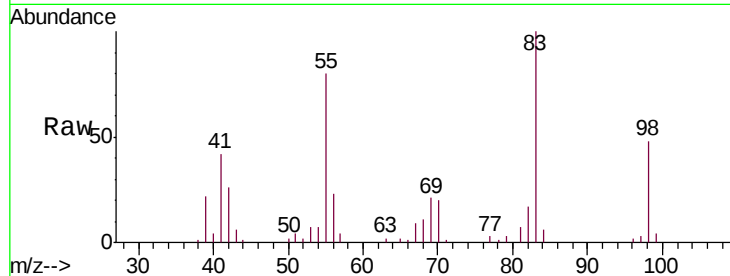




#39
Methylcyclohexane
Concen: 20.147 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

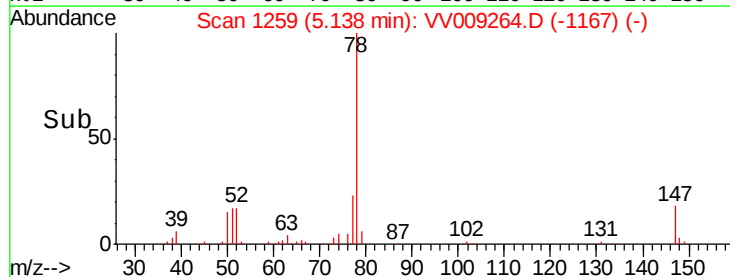
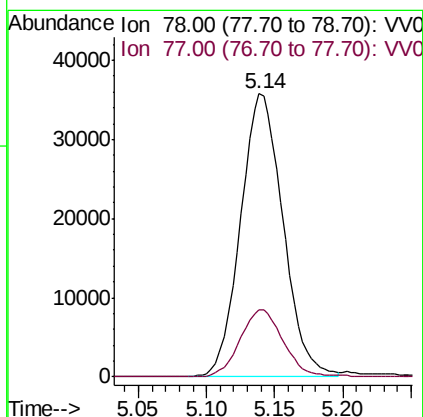
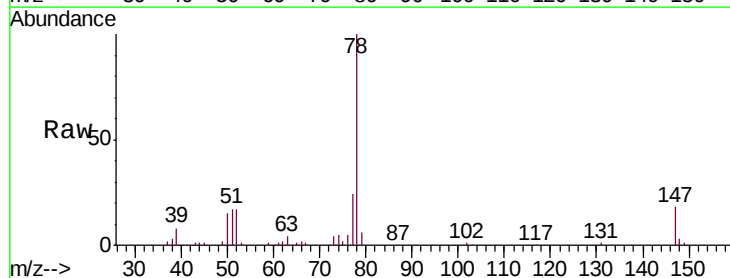
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

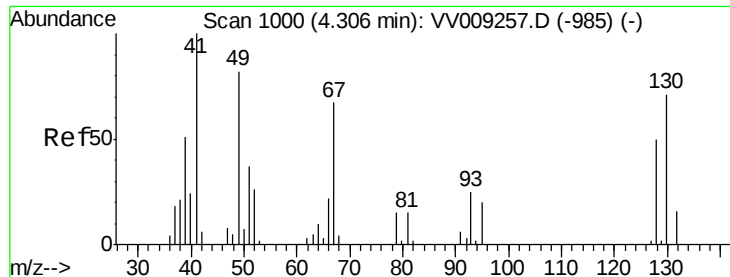
Tgt Ion: 83 Resp: 31828
Ion Ratio Lower Upper
83 100
55 79.6 60.1 90.1
98 48.0 39.2 58.8



#40
Benzene
Concen: 20.846 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 78 Resp: 77414
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41

Methacrylonitrile

Concen: 23.007 ug/l

RT: 4.31 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

Tgt Ion: 41 Resp: 8449

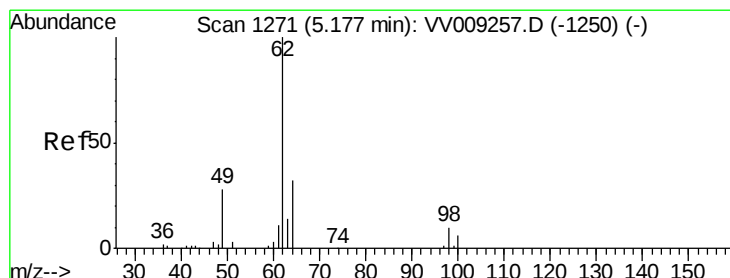
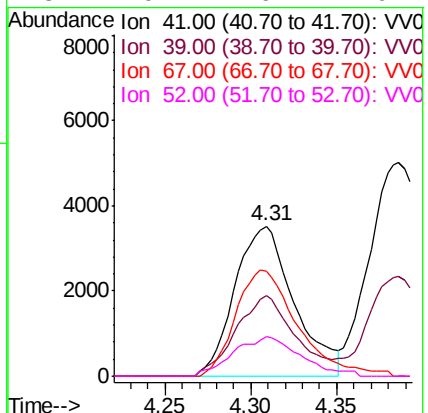
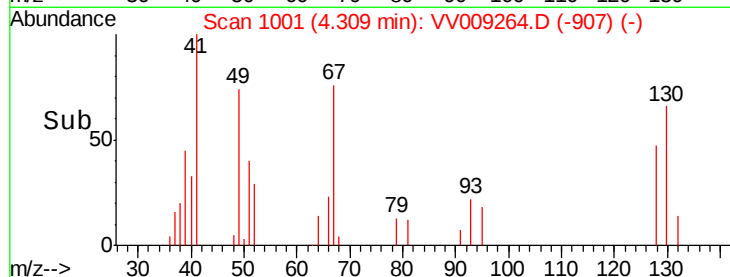
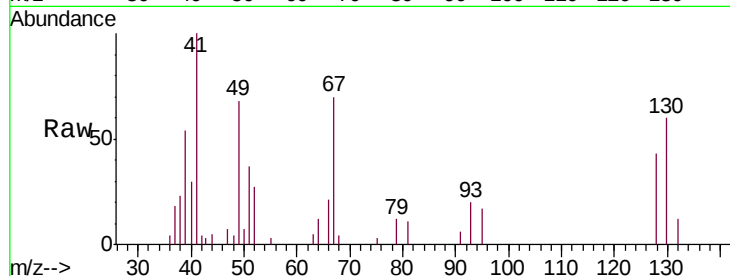
Ion Ratio Lower Upper

41 100

39 53.5 42.3 63.5

67 74.0 57.4 86.2

52 29.7 26.7 40.1



#42

1,2-Dichloroethane

Concen: 21.999 ug/l

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VV009264.D

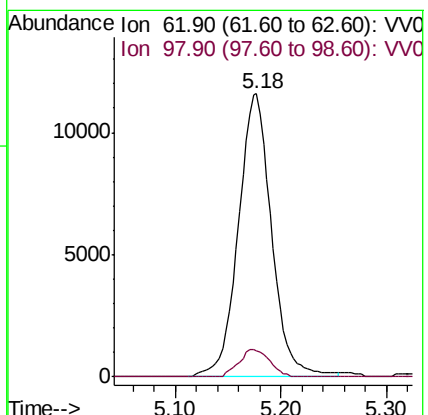
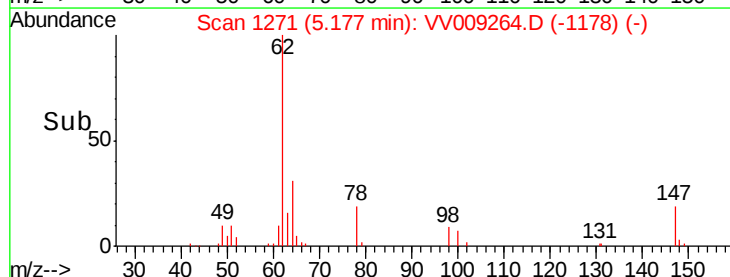
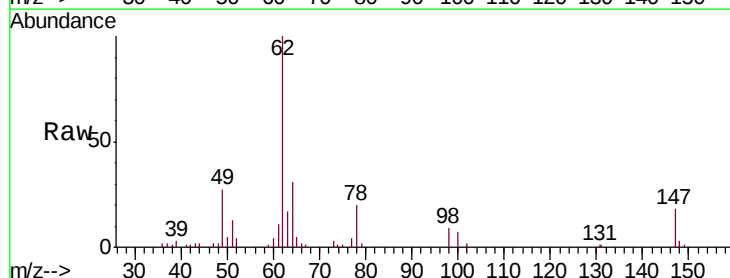
Acq: 24 Jan 2019 17:58

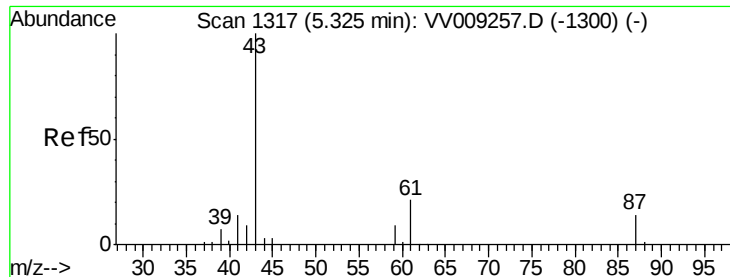
Tgt Ion: 62 Resp: 25403

Ion Ratio Lower Upper

62 100

98 8.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 23.249 ug/l

RT: 5.33 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

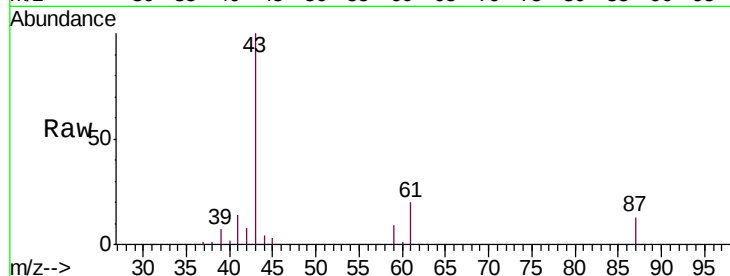
Tgt Ion: 43 Resp: 28389

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.6

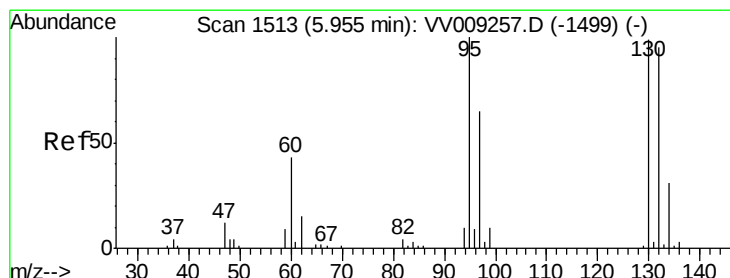
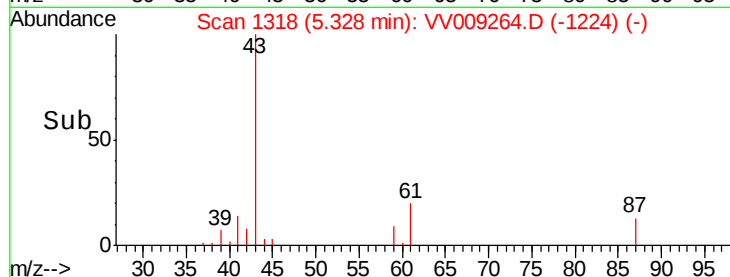
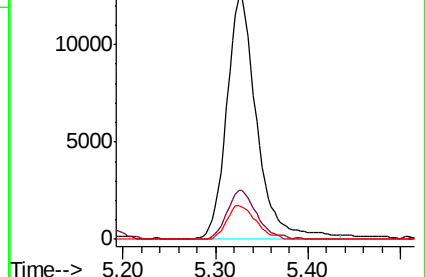
87 13.2 10.1 15.1



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: 20.845 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009264.D

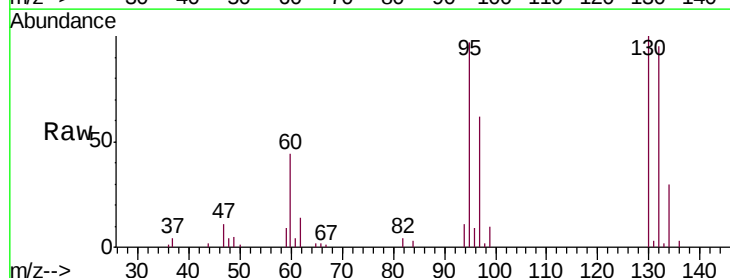
Acq: 24 Jan 2019 17:58

Tgt Ion: 130 Resp: 20659

Ion Ratio Lower Upper

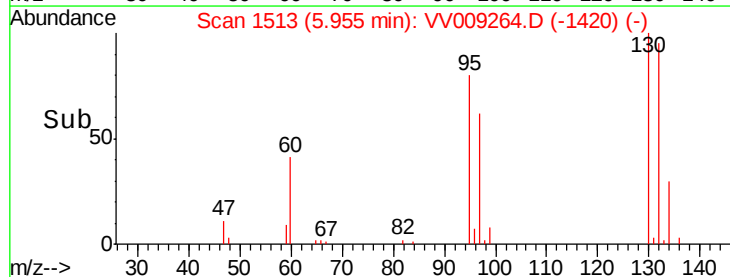
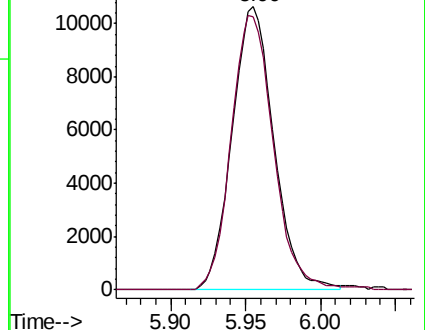
130 100

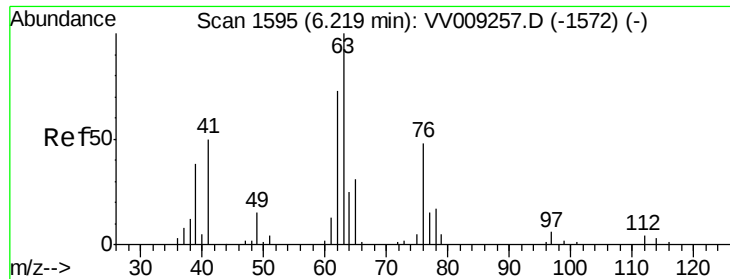
95 96.6 0.0 201.4



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

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

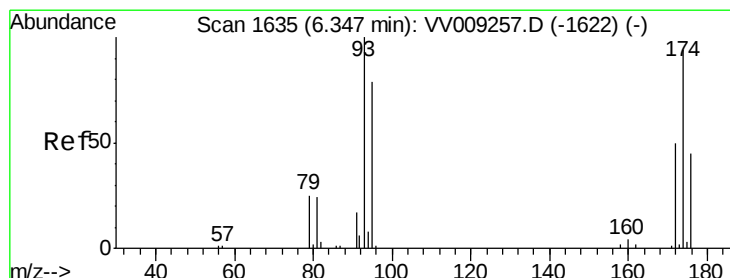
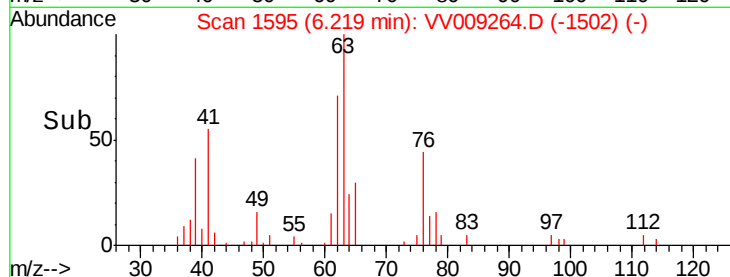
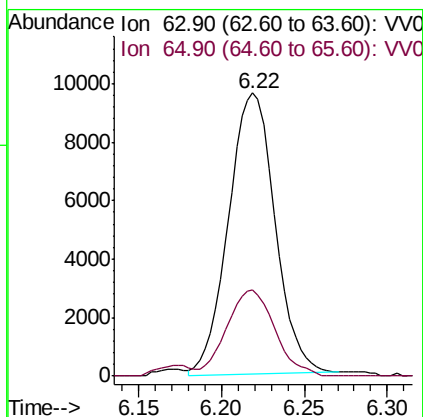
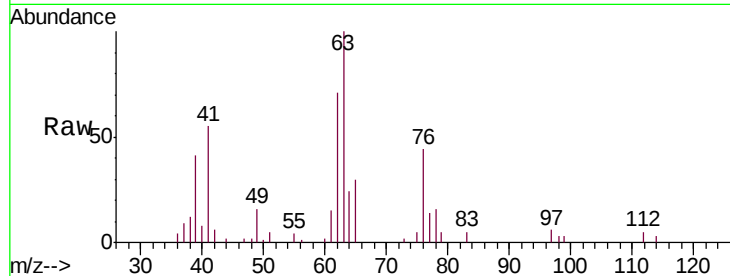




#45
 1,2-Dichloropropane
 Concen: 20.453 ug/l
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

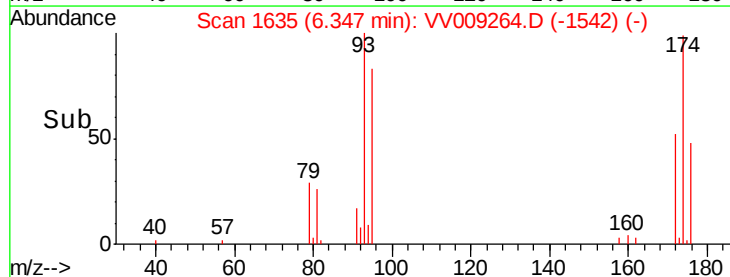
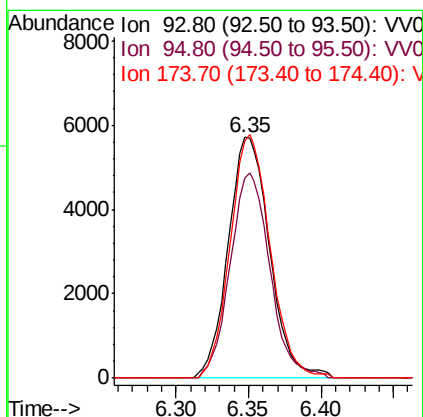
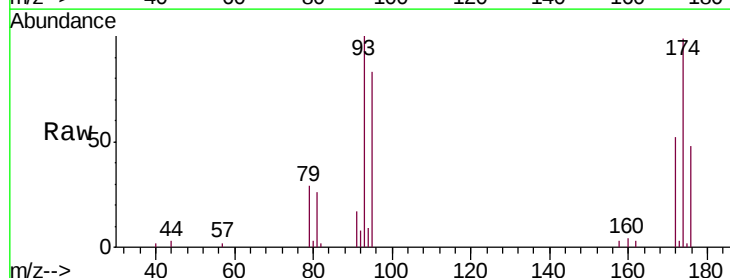
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

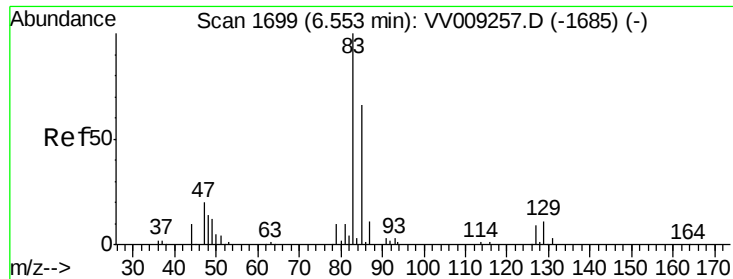
Tgt Ion: 63 Resp: 18698
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.4 38.2



#46
 Dibromomethane
 Concen: 22.161 ug/l
 RT: 6.35 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 93 Resp: 11350
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.3 97.9
 174 97.3 77.0 115.4





#47

Bromodichloromethane

Concen: 20.587 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

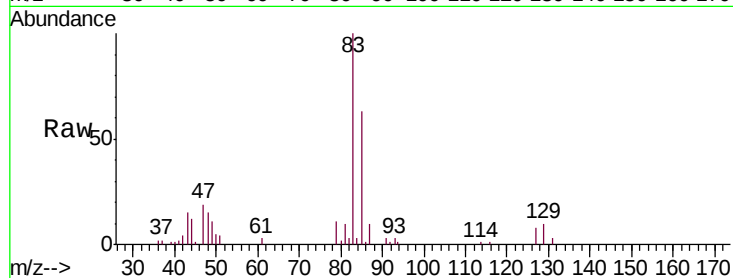
Tgt Ion: 83 Resp: 24801

Ion Ratio Lower Upper

83 100

85 63.0 52.6 79.0

127 8.4 7.0 10.6

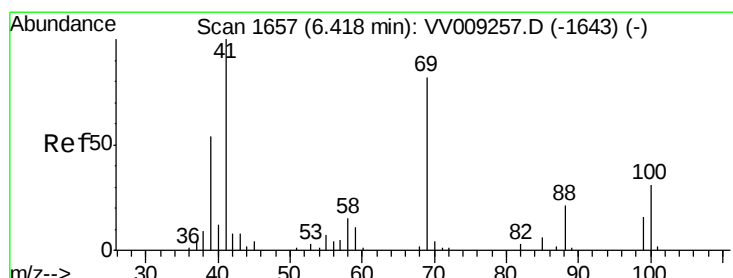
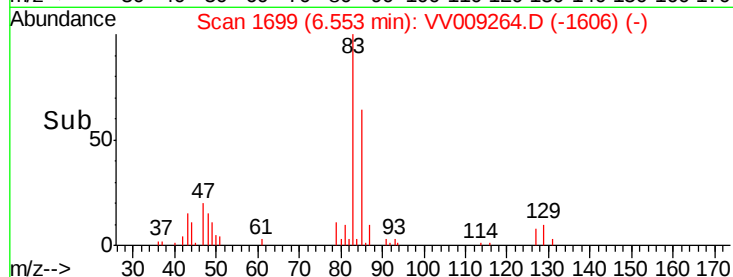


Abundance Ion 82.90 (82.60 to 83.60): VV009257.D (-1685) (-)

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

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

Time-->



#48

Methyl methacrylate

Concen: 22.576 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

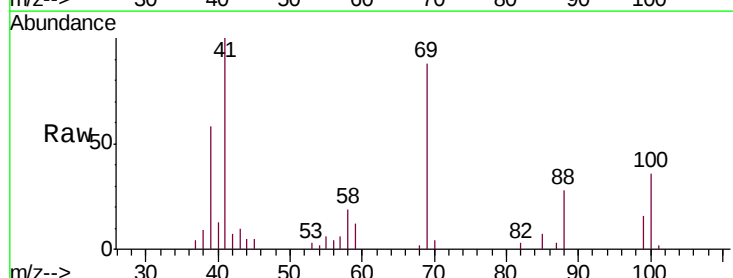
Tgt Ion: 41 Resp: 13675

Ion Ratio Lower Upper

41 100

69 82.3 68.6 103.0

39 53.3 43.2 64.8

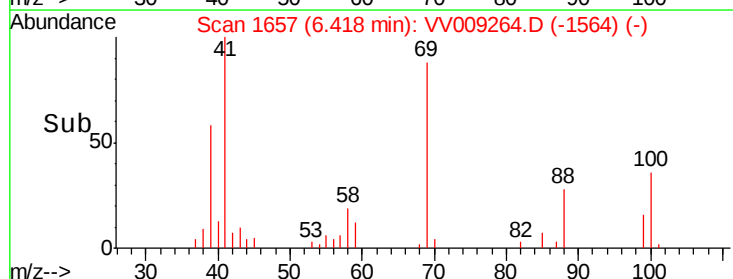


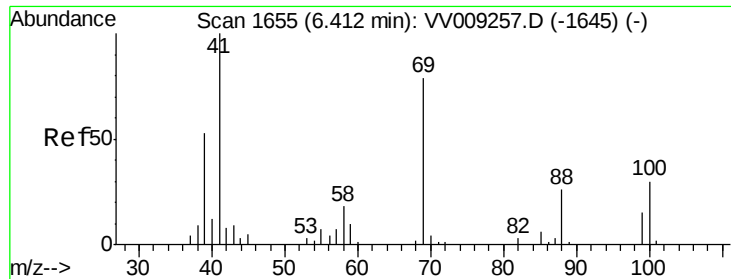
Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-1643) (-)

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

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

Time-->

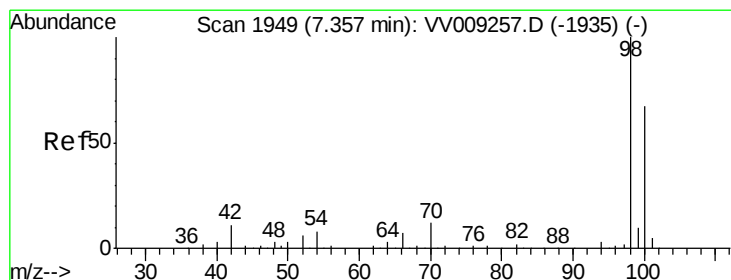
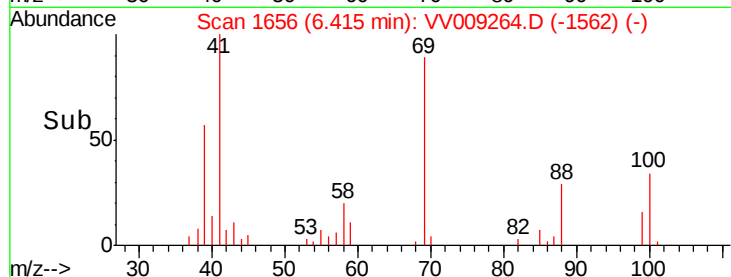
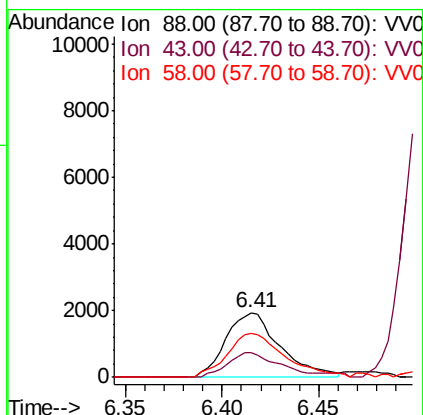
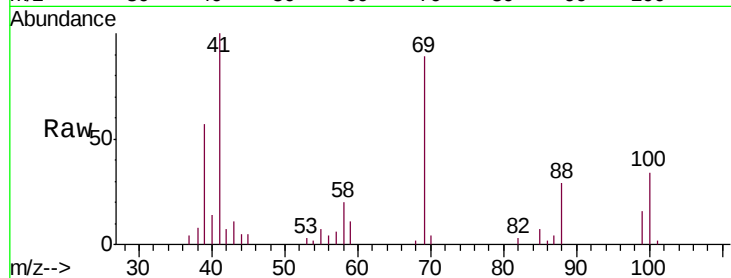




#49
1,4-Dioxane
Concen: 468.365 ug/l
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

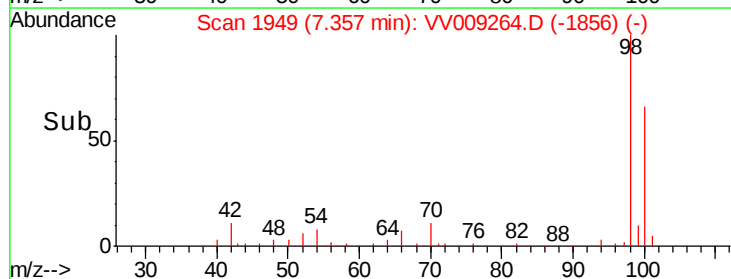
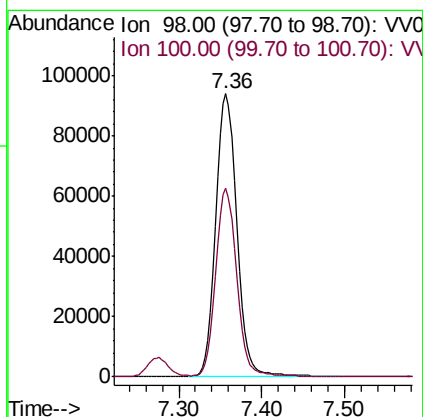
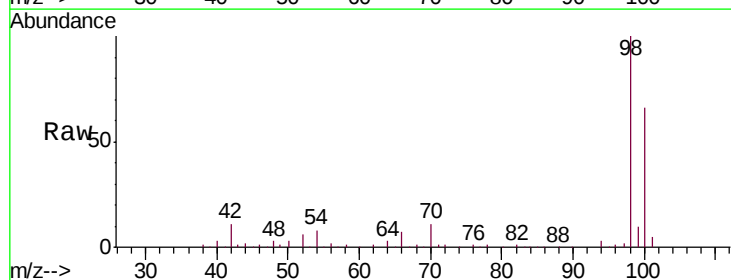
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

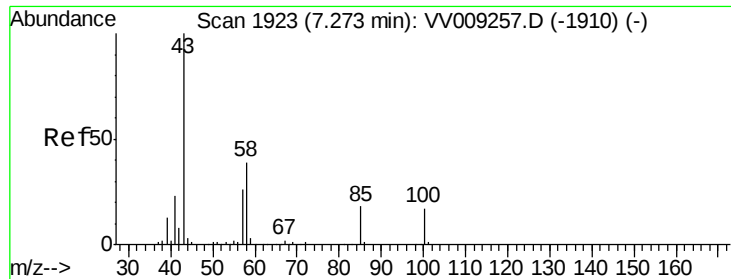
Tgt Ion: 88 Resp: 3764
Ion Ratio Lower Upper
88 100
43 39.1 28.3 42.5
58 72.1 50.0 75.0



#50
Toluene-d8
Concen: 52.791 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 98 Resp: 166983
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

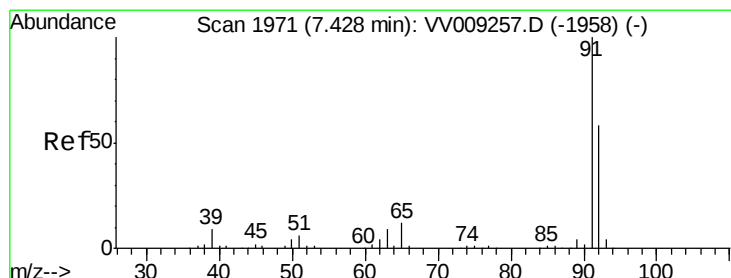
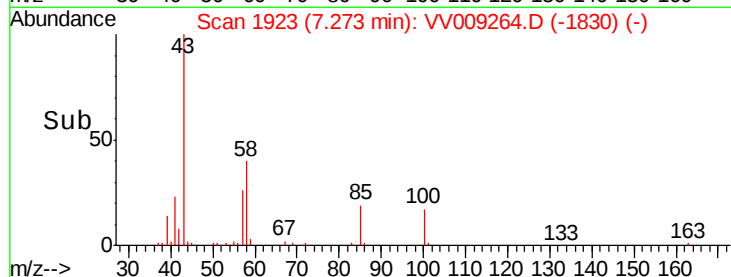
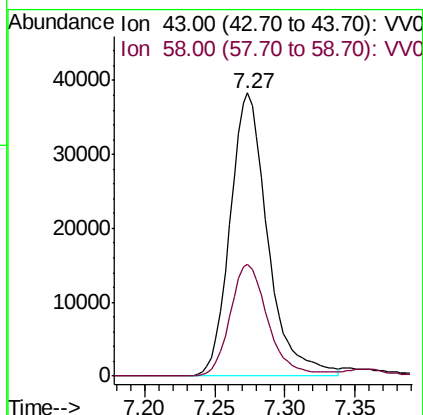
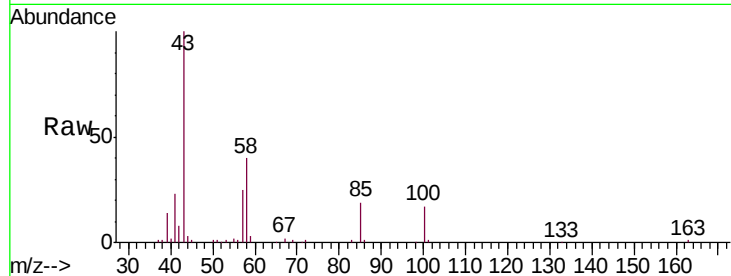




#51
 4-Methyl-2-Pentanone
 Concen: 111.565 ug/l
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

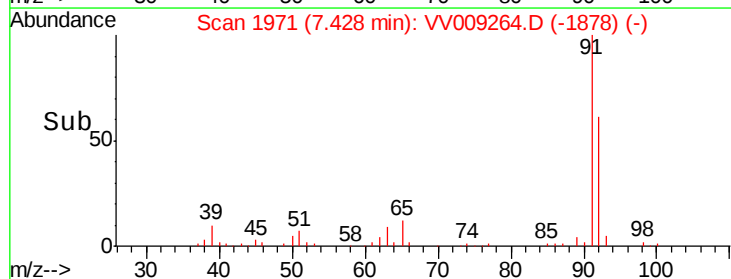
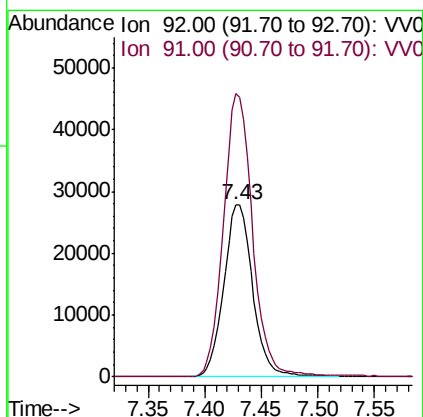
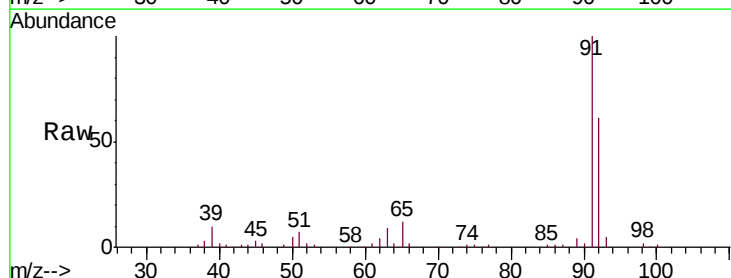
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

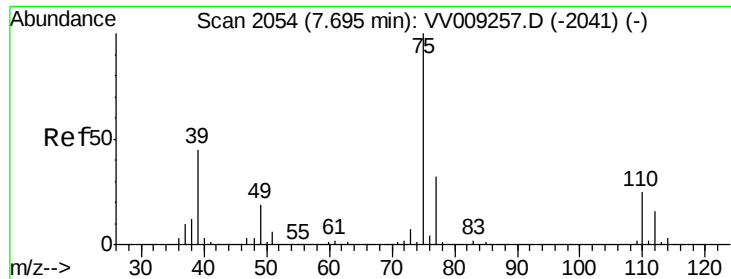
Tgt Ion: 43 Resp: 71695
 Ion Ratio Lower Upper
 43 100
 58 39.8 30.5 45.7



#52
 Toluene
 Concen: 21.132 ug/l
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 92 Resp: 49556
 Ion Ratio Lower Upper
 92 100
 91 166.7 137.2 205.8

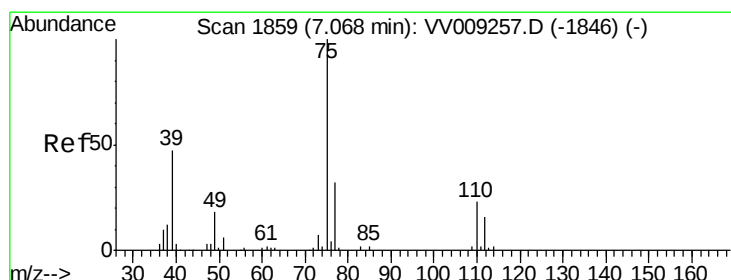
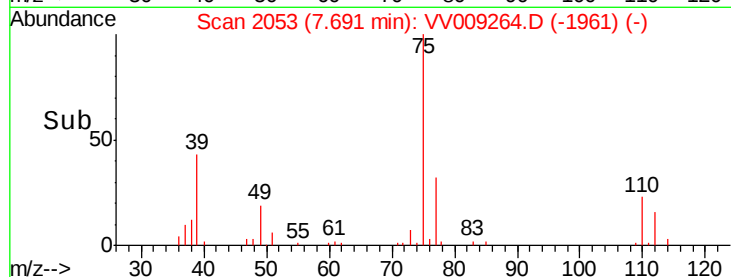
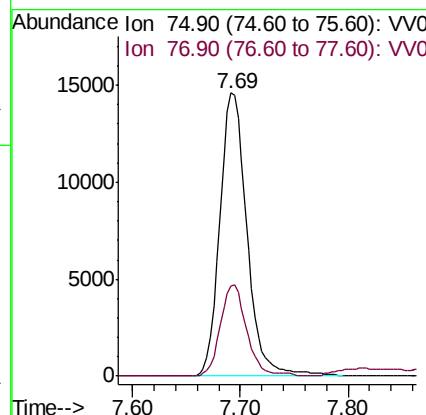
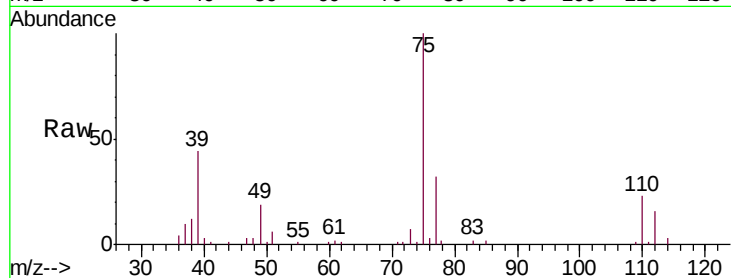




#53
t-1,3-Dichloropropene
Concen: 21.027 ug/l
RT: 7.69 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

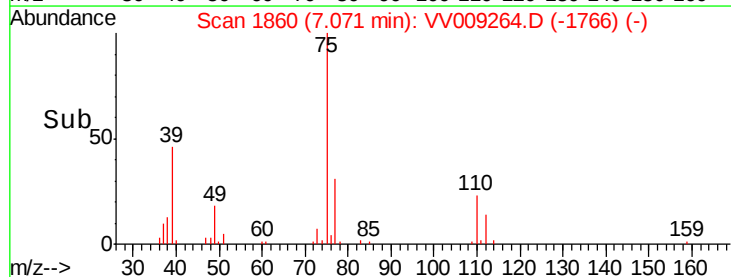
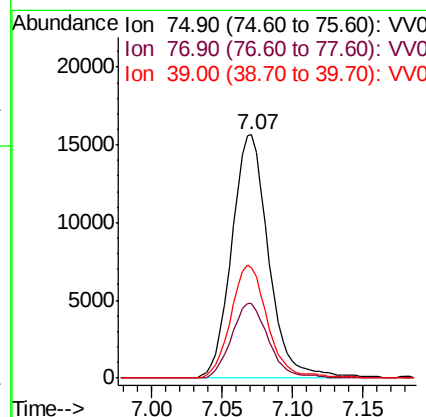
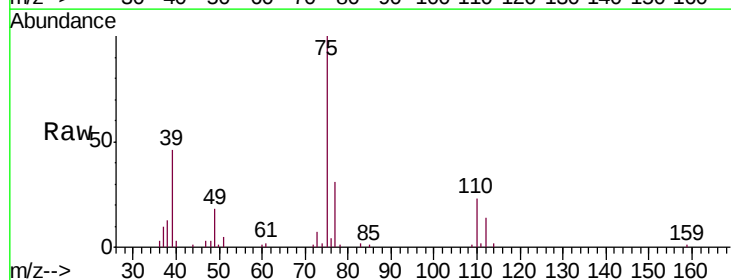
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

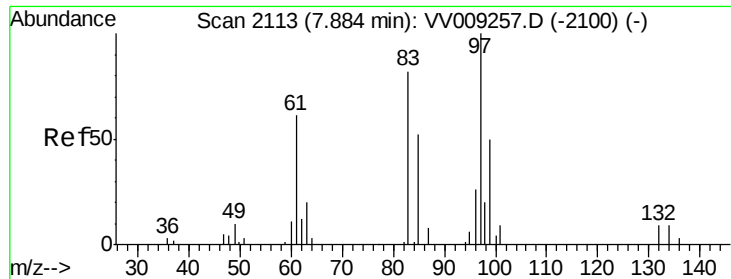
Tgt Ion: 75 Resp: 25617
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 20.659 ug/l
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 75 Resp: 28553
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 45.6 38.0 57.0

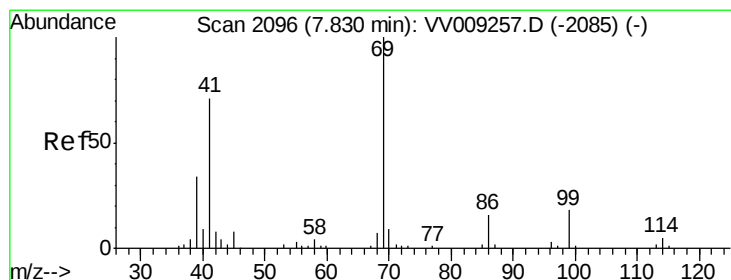
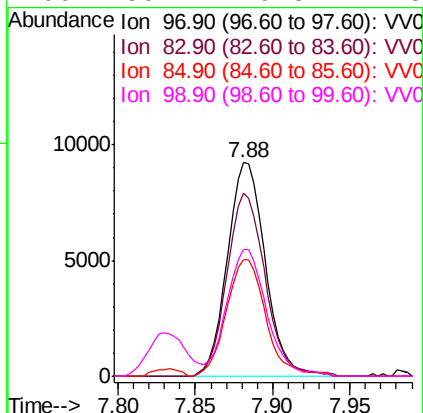
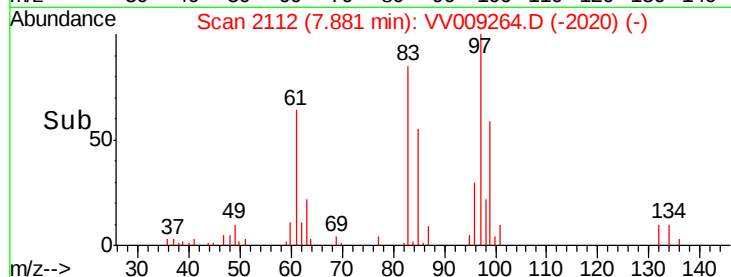
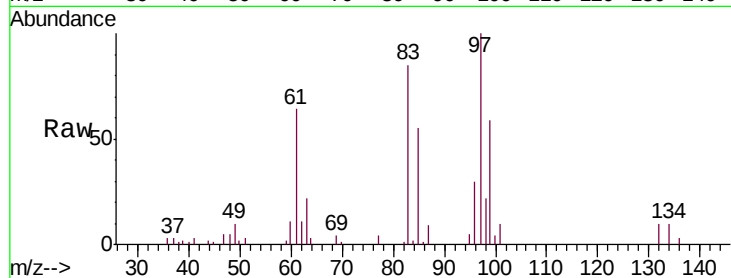




#55
 1,1,2-Trichloroethane
 Concen: 21.979 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

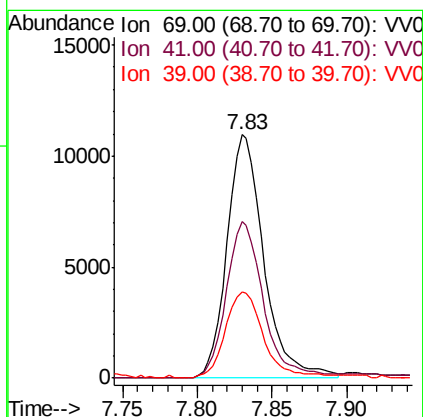
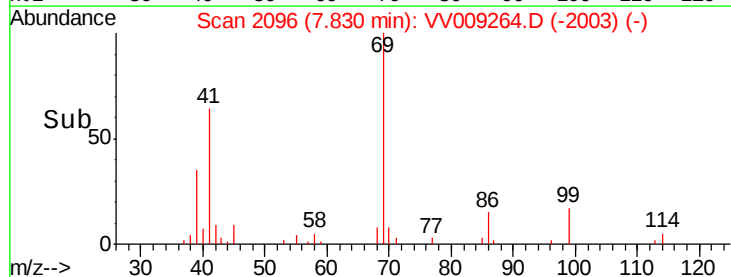
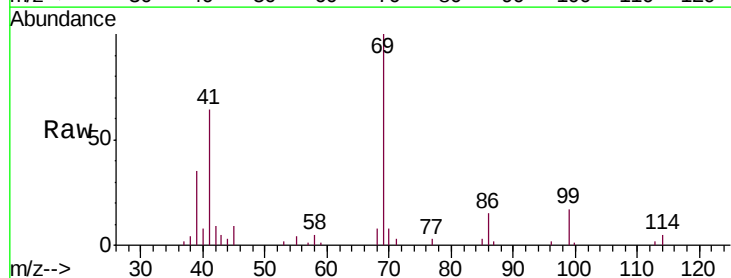
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

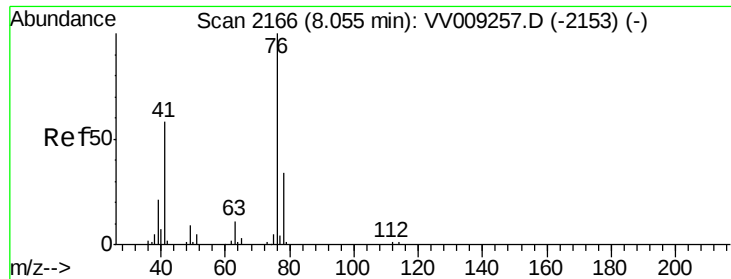
Tgt Ion:	97	Resp:	15696
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.6	98.4
85	54.7	41.8	62.8
99	59.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 21.818 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion:	69	Resp:	18825
Ion	Ratio	Lower	Upper
69	100		
41	64.8	54.6	81.8
39	37.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 22.420 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

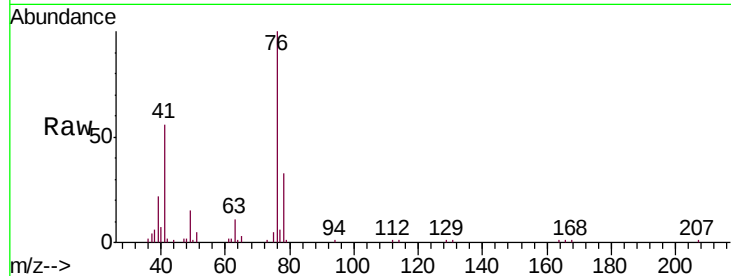
VV0124SBS01

Tgt Ion: 76 Resp: 28526

Ion Ratio Lower Upper

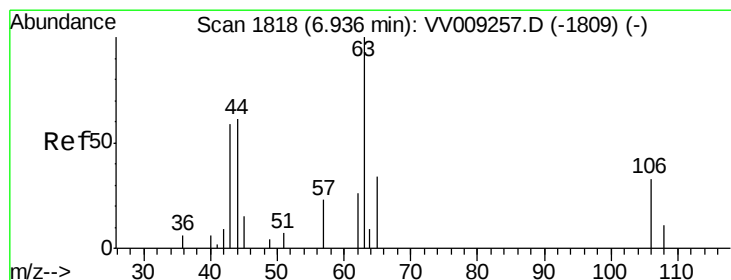
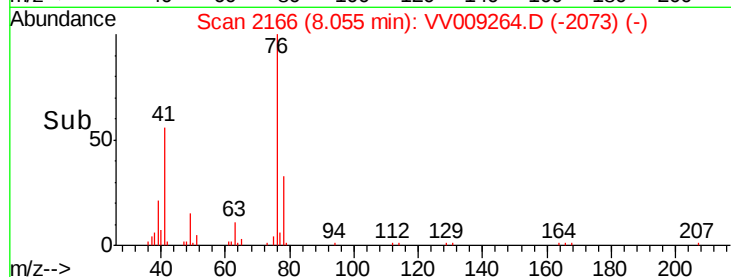
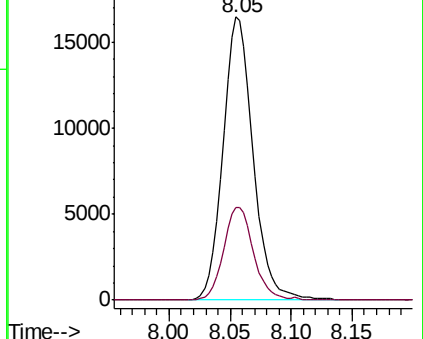
76 100

78 32.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#58

2-Chloroethyl Vinyl ether

Concen: 71.527 ug/l

RT: 6.94 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VV009264.D

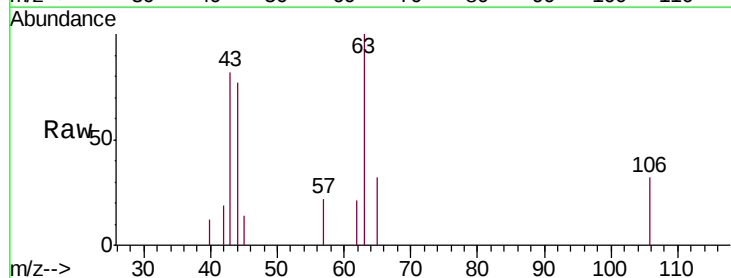
Acq: 24 Jan 2019 17:58

Tgt Ion: 63 Resp: 1633

Ion Ratio Lower Upper

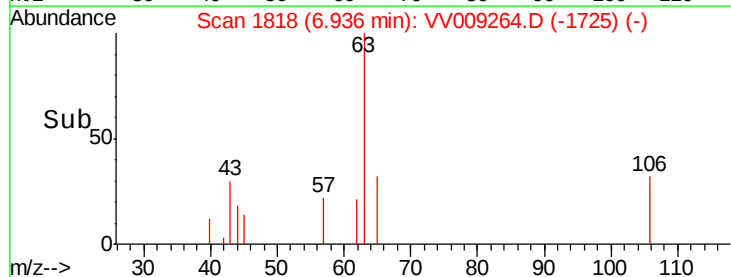
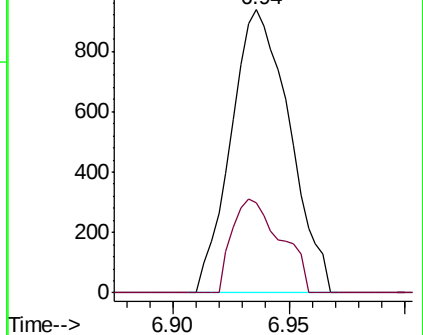
63 100

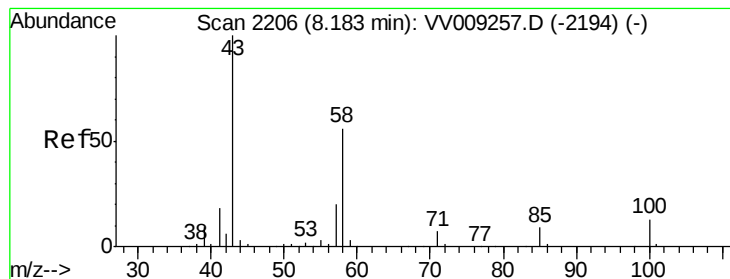
106 27.7 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 112.377 ug/l

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

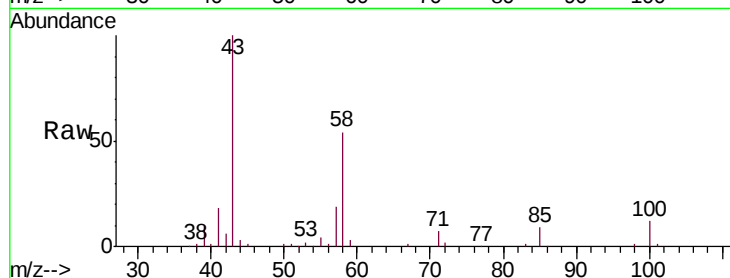
VV0124SBS01

Tgt Ion: 43 Resp: 51916

Ion Ratio Lower Upper

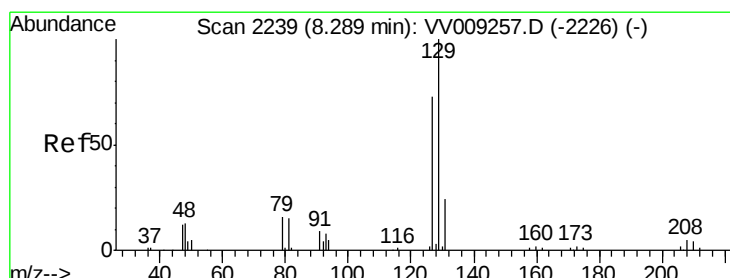
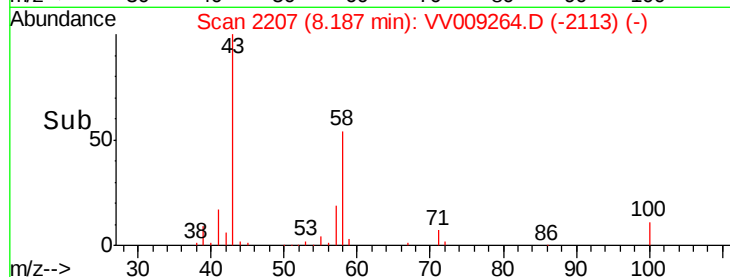
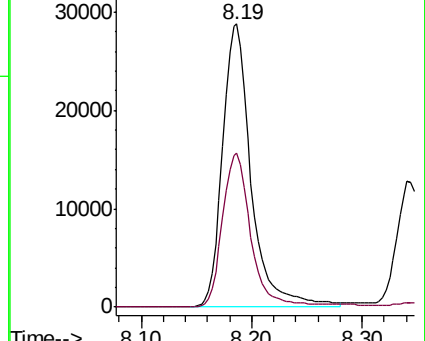
43 100

58 53.8 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) (-)



#60

Dibromochloromethane

Concen: 21.128 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009264.D

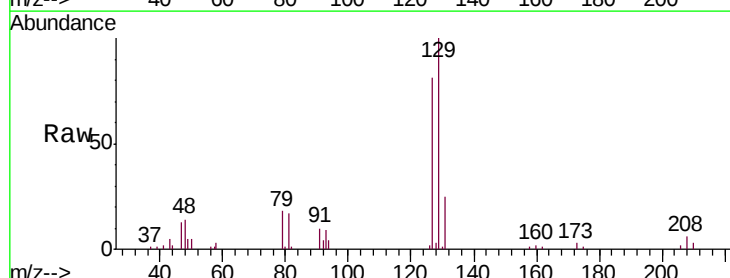
Acq: 24 Jan 2019 17:58

Tgt Ion: 129 Resp: 17247

Ion Ratio Lower Upper

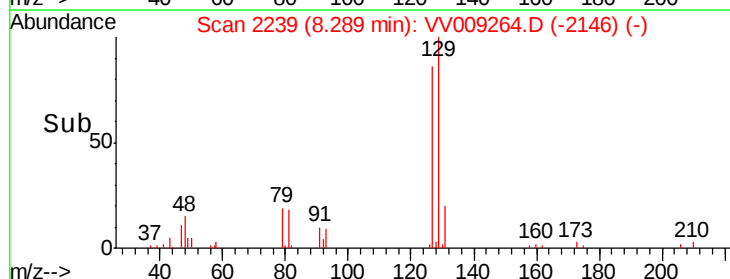
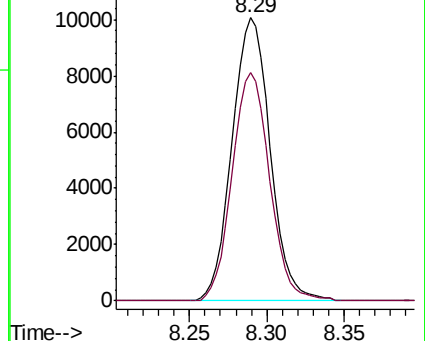
129 100

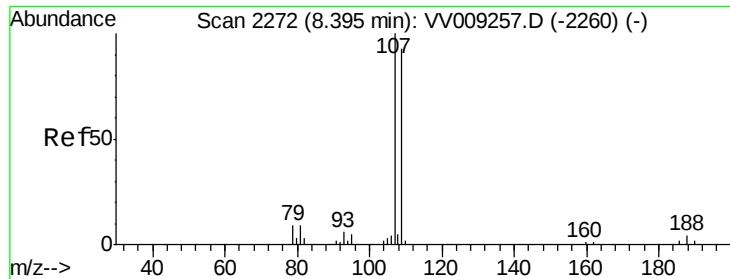
127 79.3 37.9 113.6



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

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

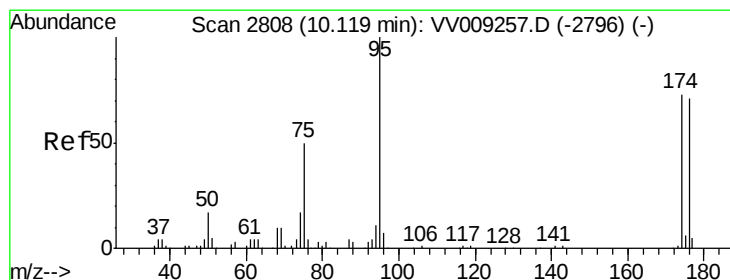
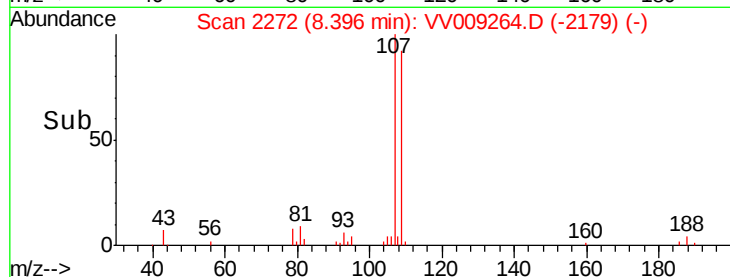
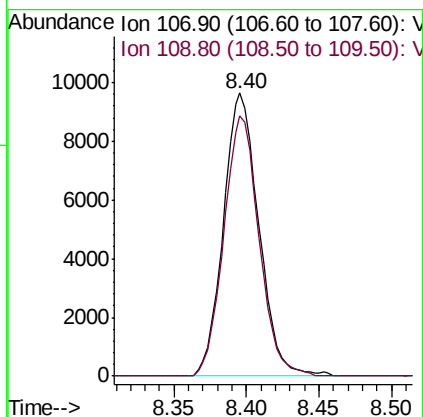
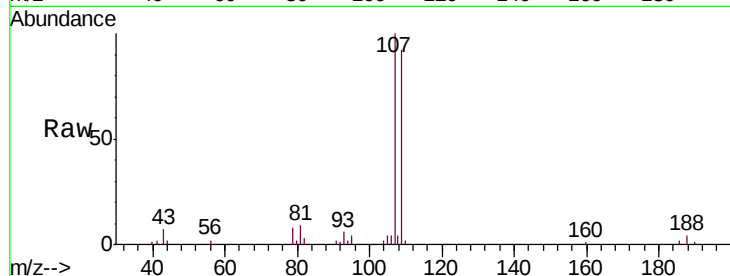




#61
 1,2-Dibromoethane
 Concen: 22.651 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

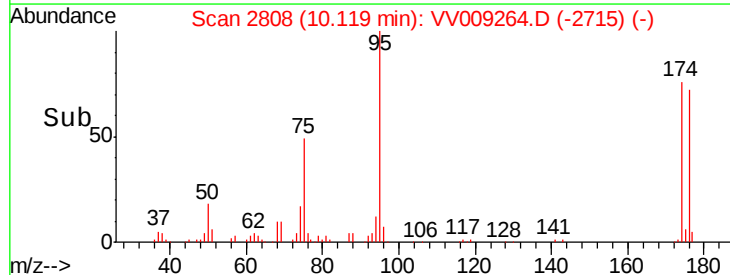
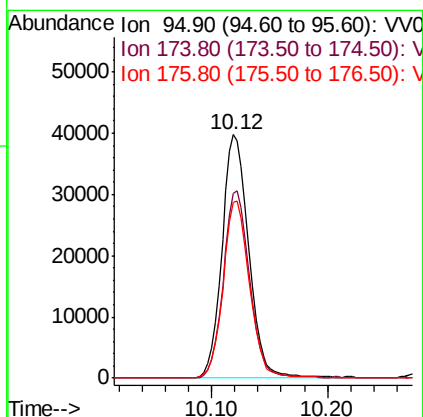
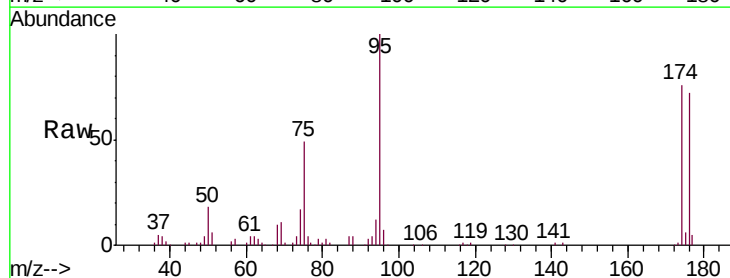
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

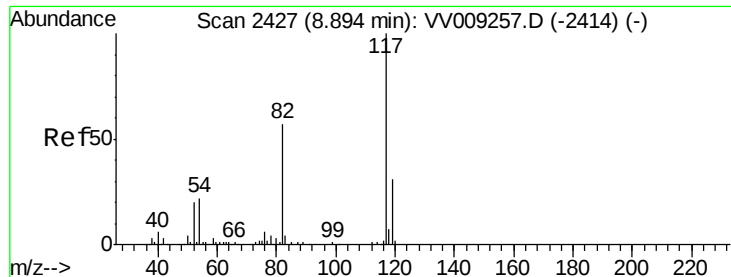
Tgt Ion: 107 Resp: 16253
 Ion Ratio Lower Upper
 107 100
 109 91.8 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.292 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion: 95 Resp: 63802
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.0
 176 71.8 0.0 144.0

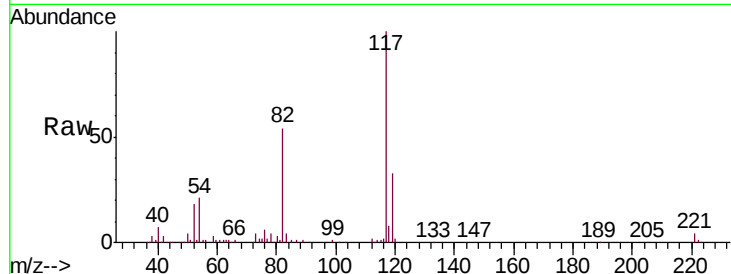




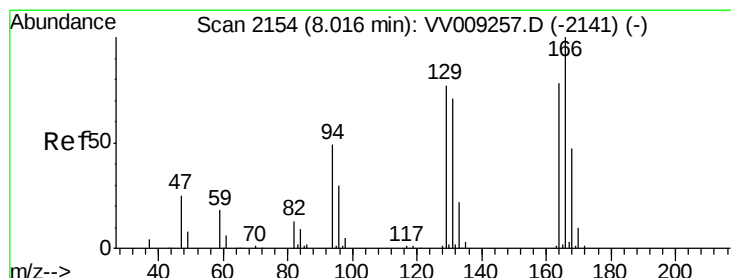
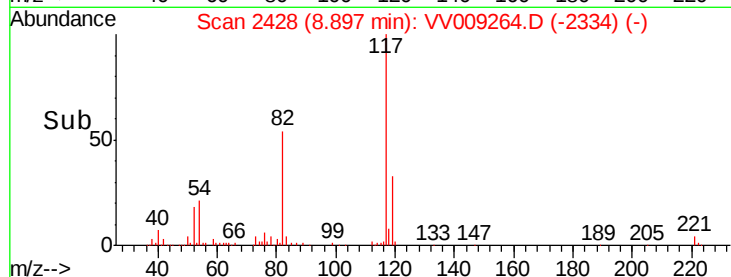
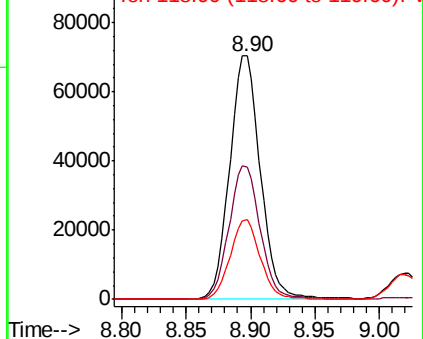
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.90 min Scan# 2428
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Tgt Ion:117 Resp: 116544
Ion Ratio Lower Upper
117 100
82 54.5 45.8 68.6
119 32.6 24.8 37.2

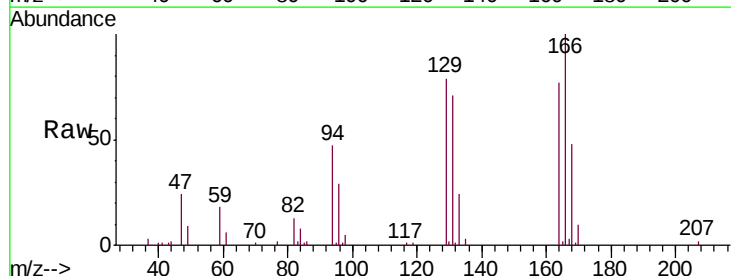


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

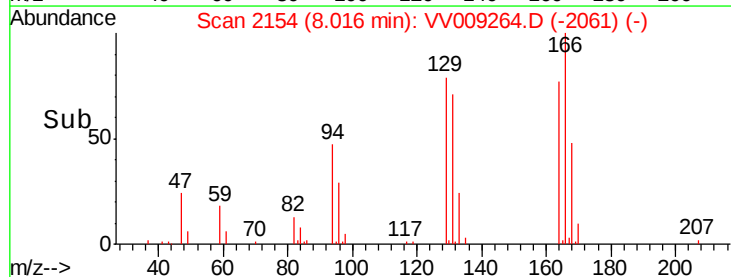
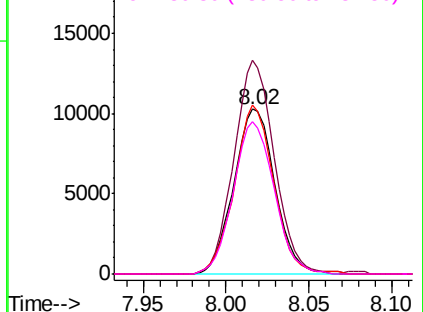


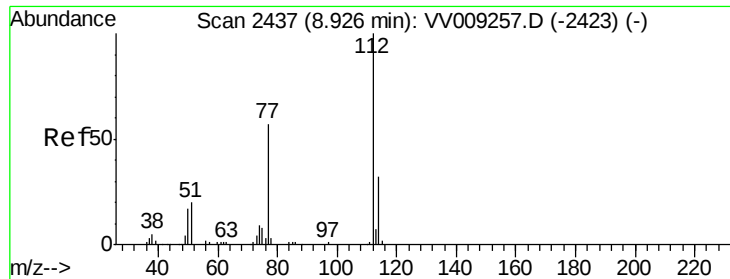
#64
Tetrachloroethene
Concen: 22.127 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion:164 Resp: 17781
Ion Ratio Lower Upper
164 100
166 129.7 102.3 153.5
129 102.7 78.6 117.8
131 92.2 73.1 109.7



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

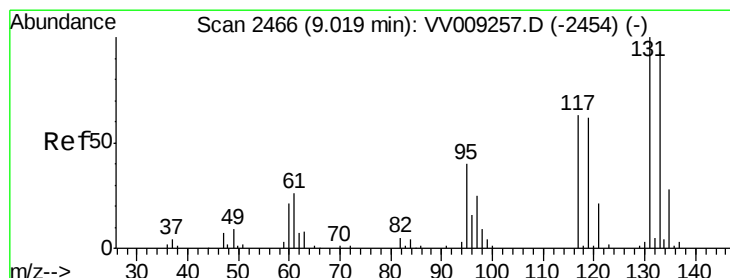
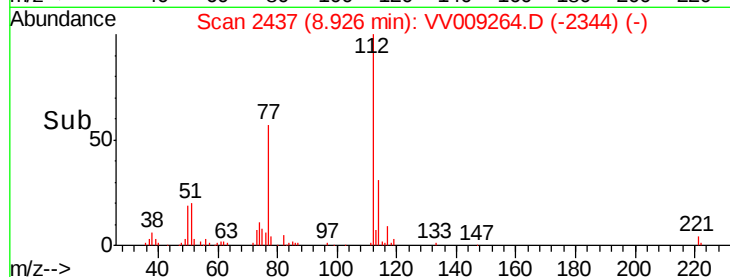
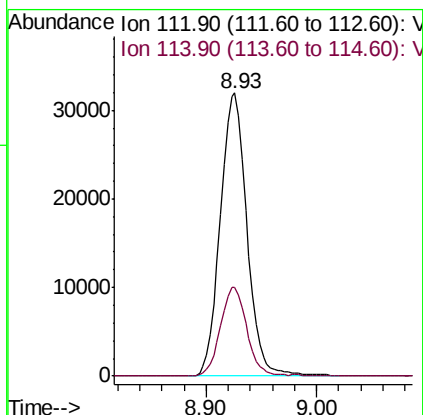
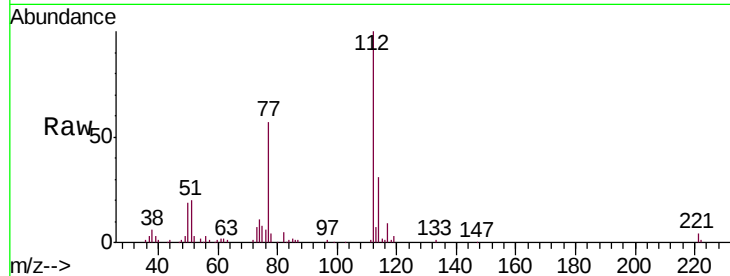




#65
Chlorobenzene
Concen: 20.432 ug/l
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

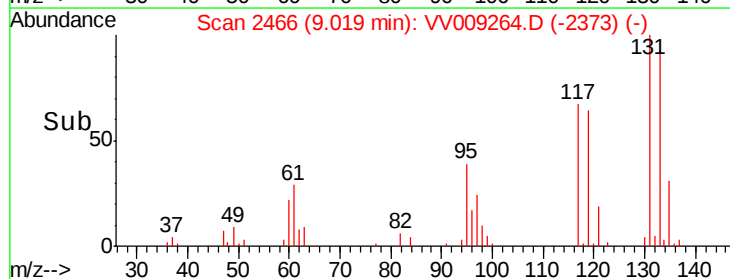
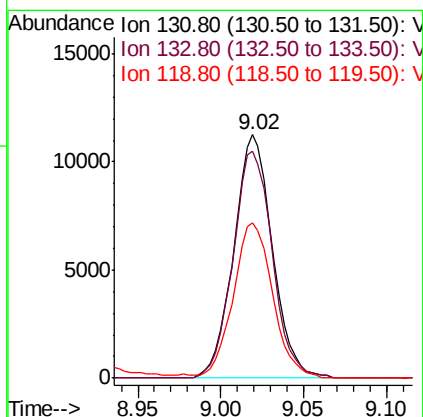
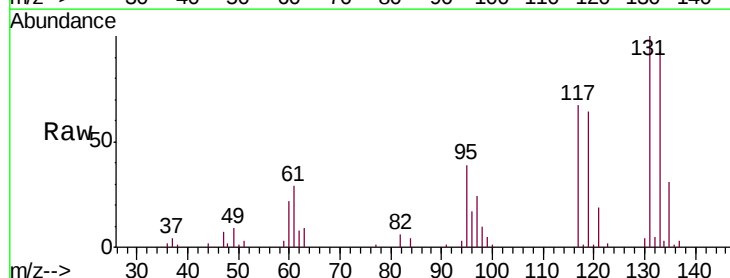
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

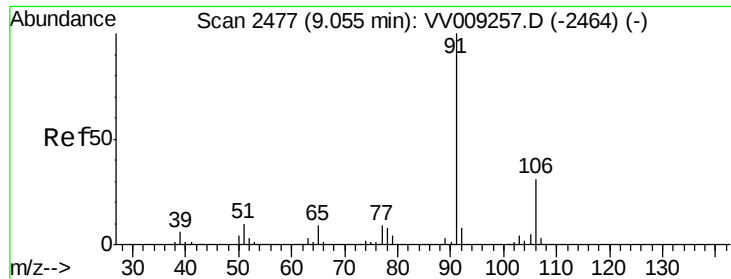
Tgt Ion:112 Resp: 53703
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.785 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion:131 Resp: 18241
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 65.4 32.4 97.2





#67

Ethyl Benzene

Concen: 20.261 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

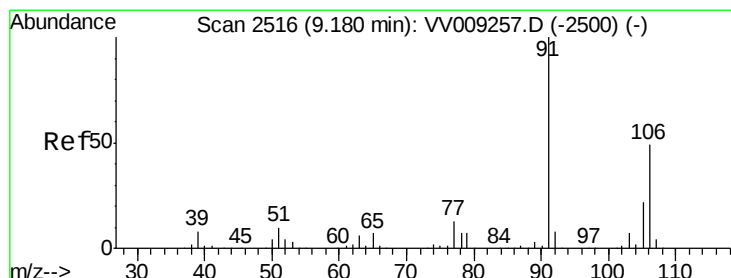
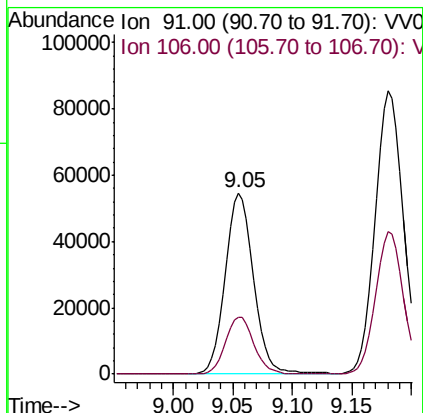
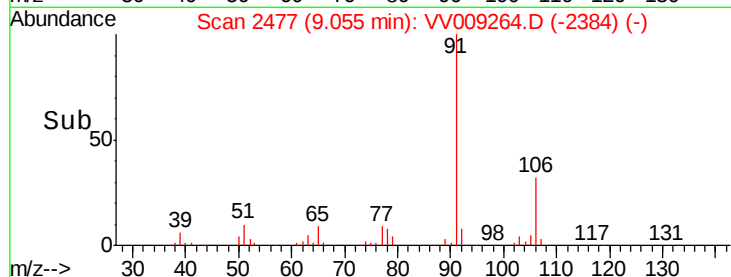
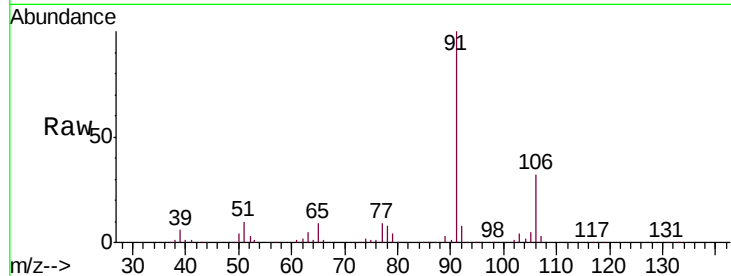
VV0124SBS01

Tgt Ion: 91 Resp: 90348

Ion Ratio Lower Upper

91 100

106 31.7 24.6 37.0



#68

m/p-Xylenes

Concen: 41.759 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009264.D

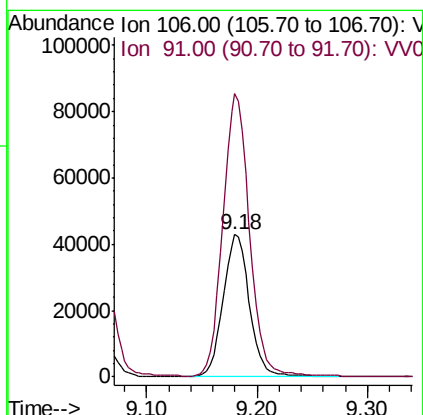
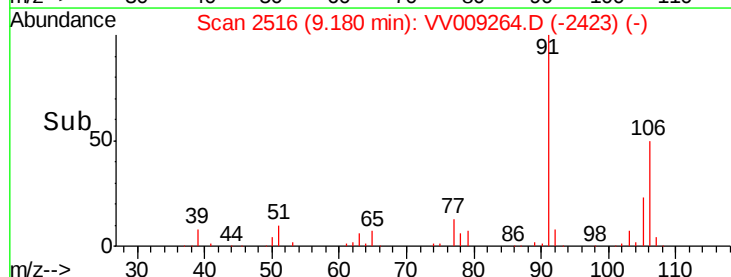
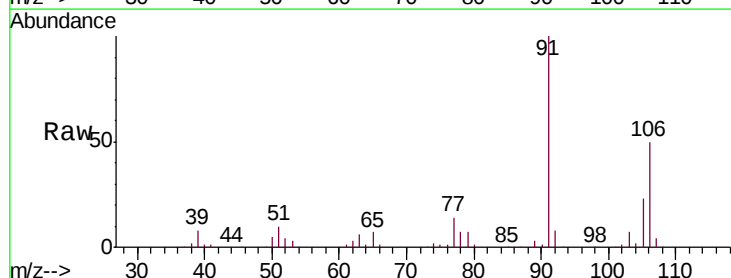
Acq: 24 Jan 2019 17:58

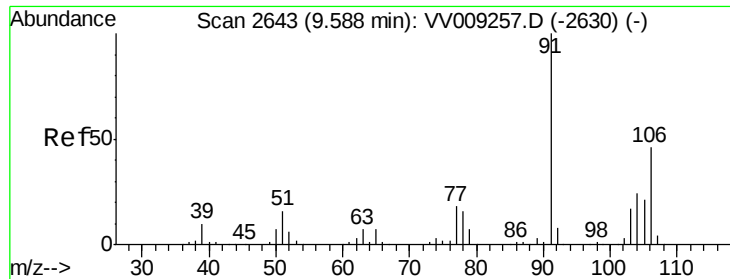
Tgt Ion: 106 Resp: 71430

Ion Ratio Lower Upper

106 100

91 198.4 161.9 242.9

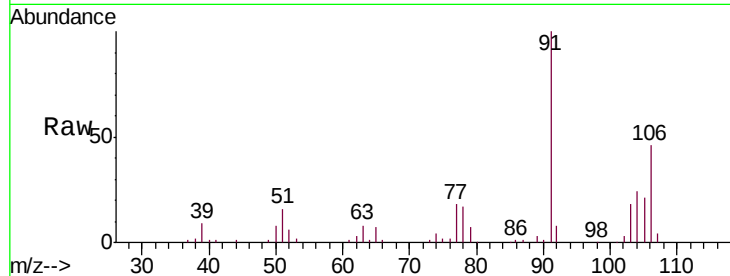




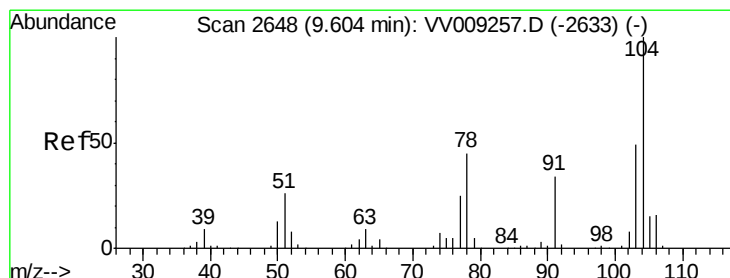
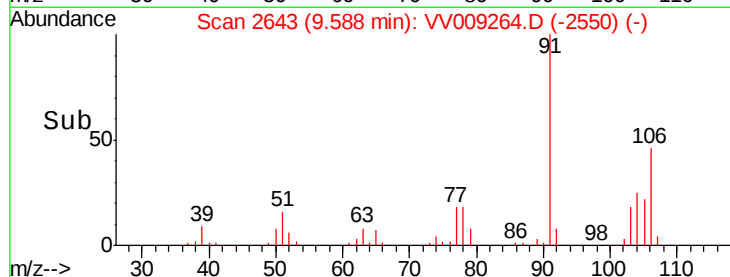
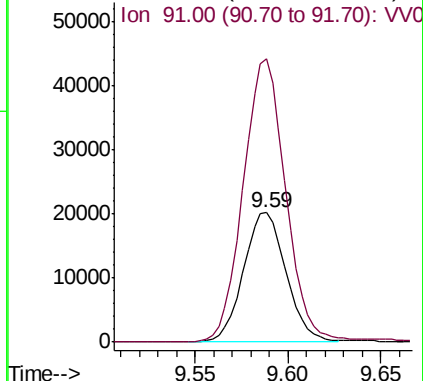
#69
o-Xylene
Concen: 20.128 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Tgt Ion:106 Resp: 32175
Ion Ratio Lower Upper
106 100
91 220.5 108.3 324.9

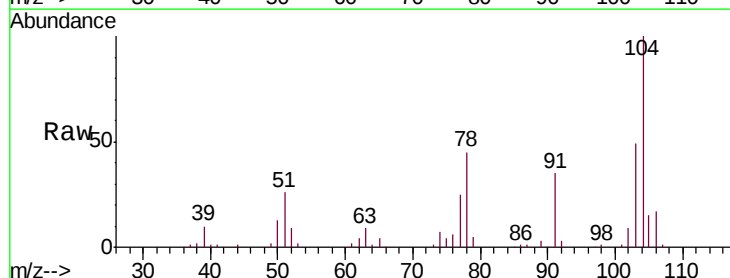


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

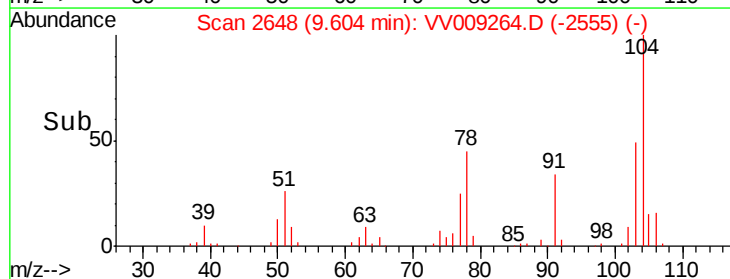
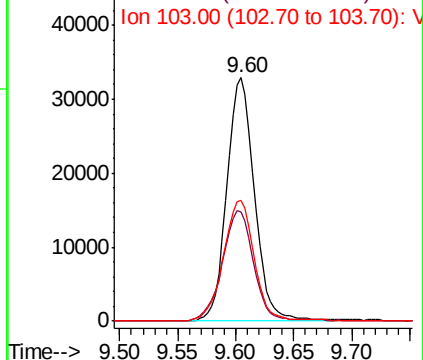


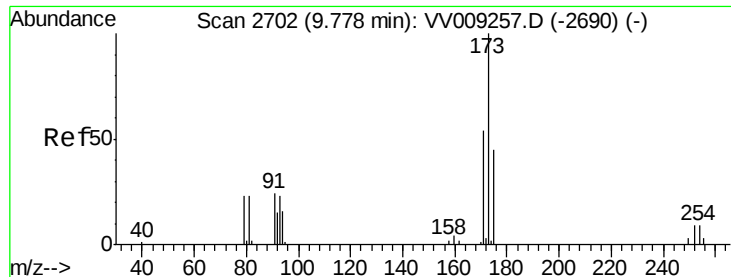
#70
Styrene
Concen: 20.811 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion:104 Resp: 54173
Ion Ratio Lower Upper
104 100
78 51.1 40.6 60.8
103 54.8 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: 21.869 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

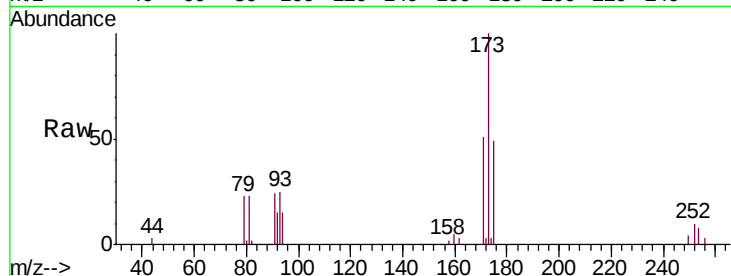
Tgt Ion:173 Resp: 10347

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

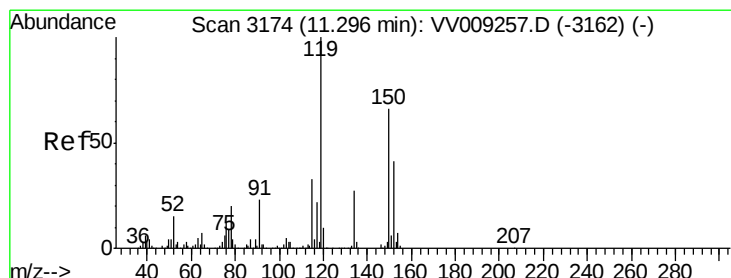
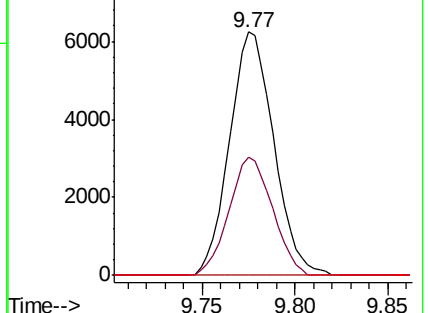
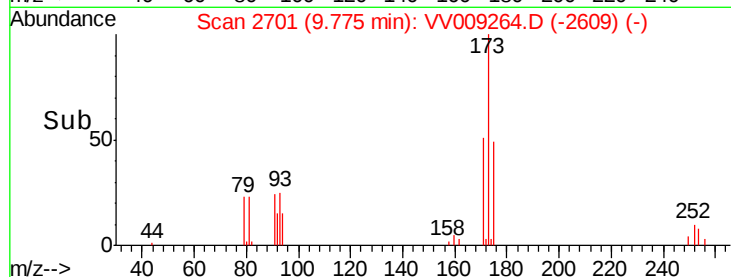
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

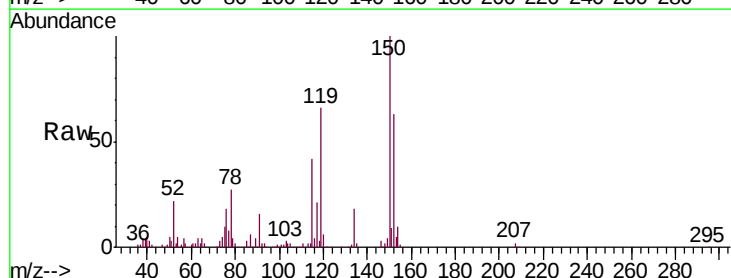
Tgt Ion:152 Resp: 61355

Ion Ratio Lower Upper

152 100

115 70.5 43.0 128.8

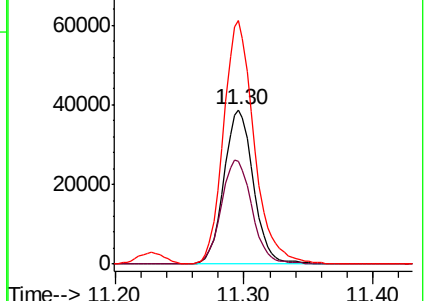
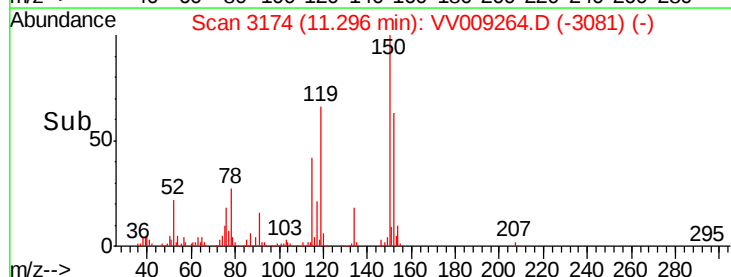
150 164.4 0.0 352.0

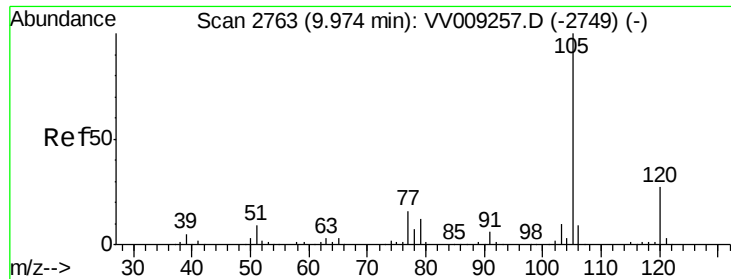


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.309 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

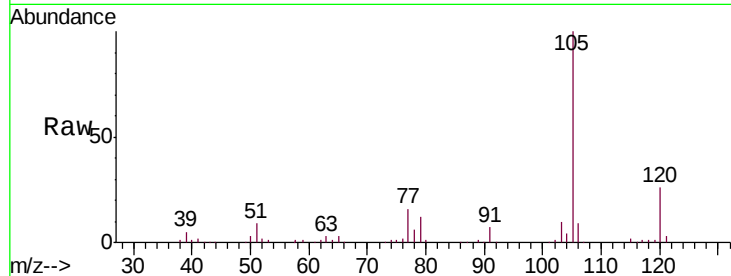
VV0124SBS01

Tgt Ion: 105 Resp: 92536

Ion Ratio Lower Upper

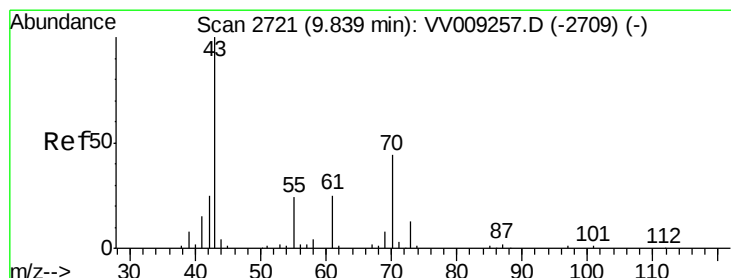
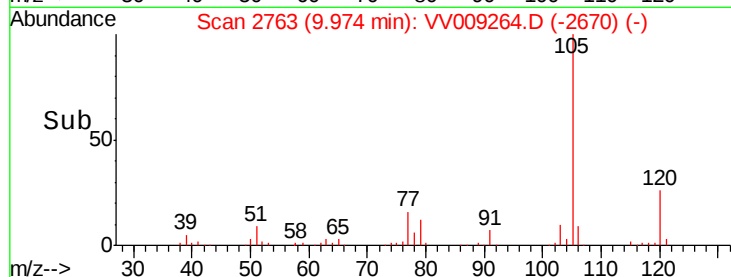
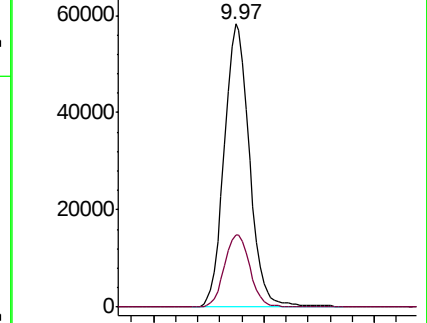
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.361 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Tgt Ion: 43 Resp: 22774

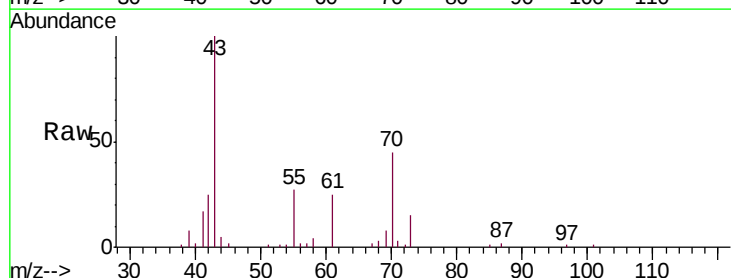
Ion Ratio Lower Upper

43 100

70 41.4 35.4 53.0

55 24.0 20.4 30.6

61 23.0 19.3 28.9

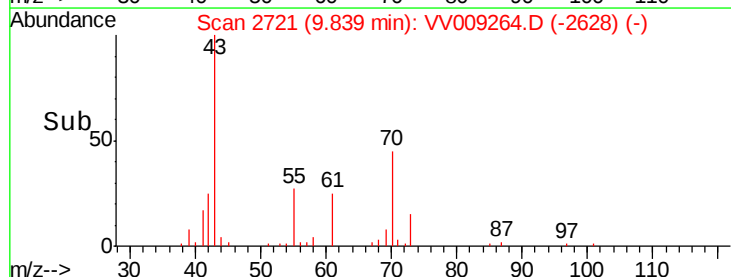
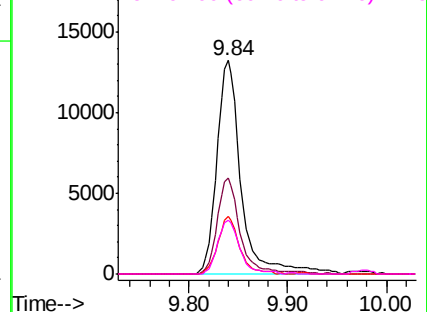


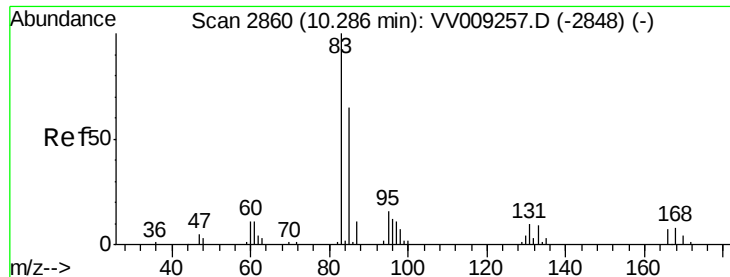
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.601 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

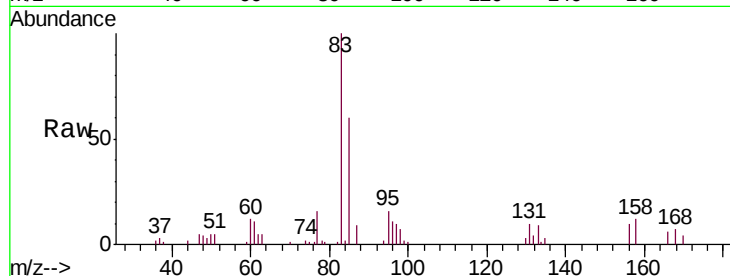
Tgt Ion: 83 Resp: 21176

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

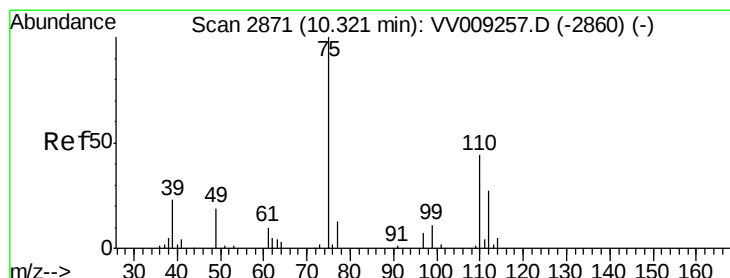
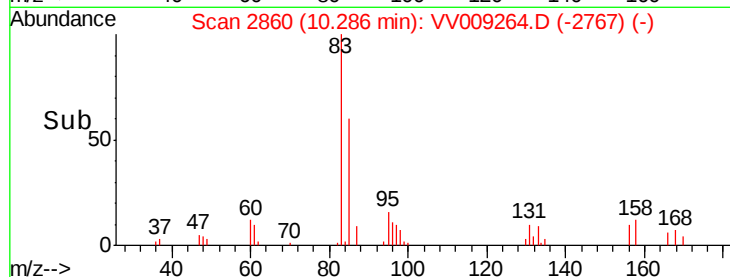
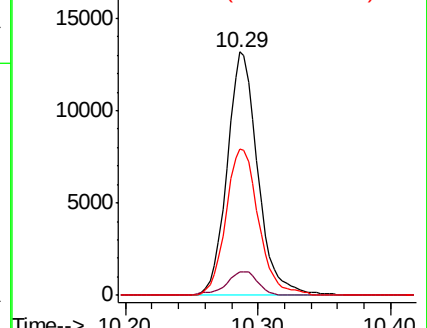
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VV009264.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009264.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009264.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 29.301 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009264.D

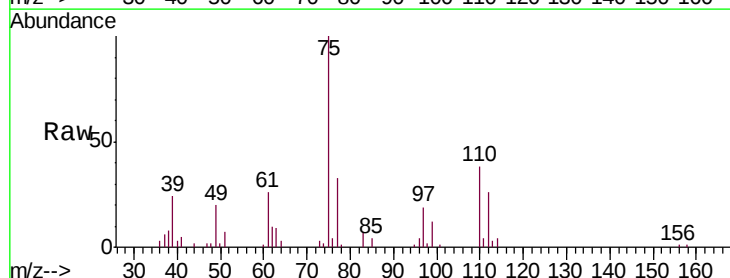
Acq: 24 Jan 2019 17:58

Tgt Ion: 75 Resp: 21221

Ion Ratio Lower Upper

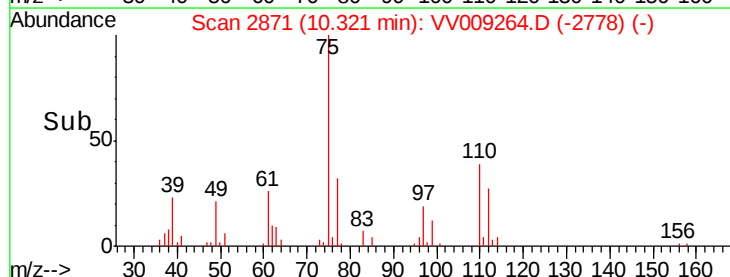
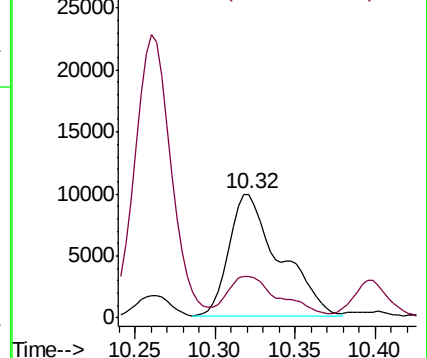
75 100

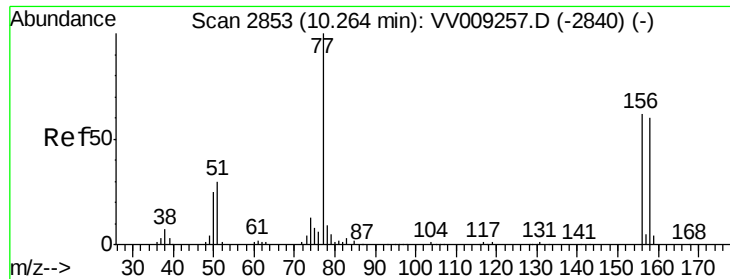
77 37.2 6.2 18.4#



Abundance Ion 74.90 (74.60 to 75.60): VV009264.D (-2778) (-)

Ion 77.00 (76.70 to 77.70): VV009264.D (-2778) (-)





#77

Bromobenzene

Concen: 20.493 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

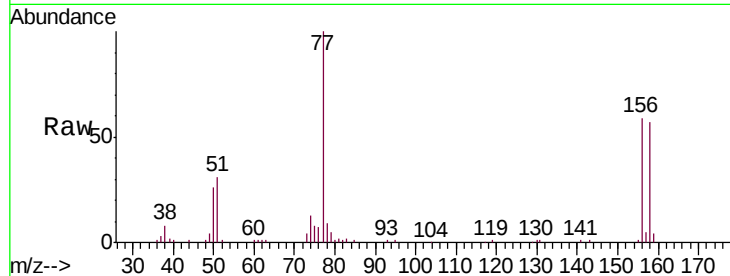
Tgt Ion:156 Resp: 21786

Ion Ratio Lower Upper

156 100

77 167.2 81.7 244.9

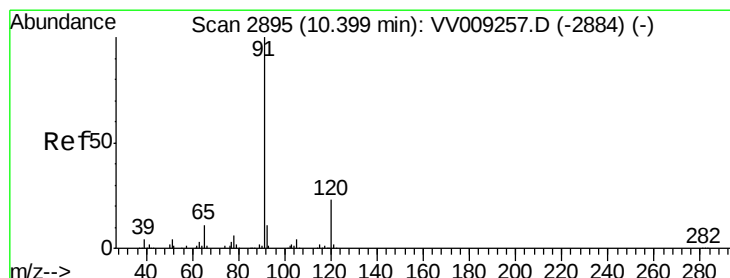
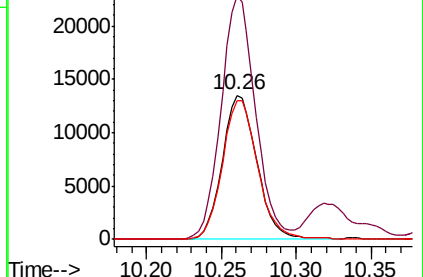
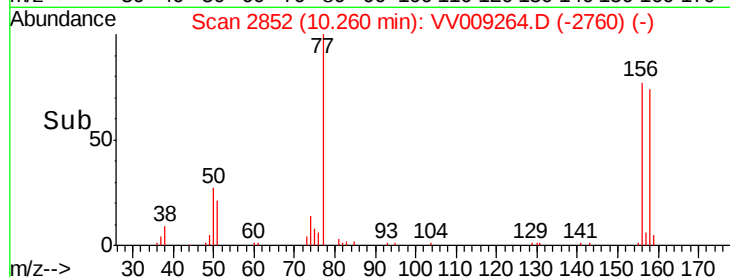
158 98.0 48.4 145.0



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: 20.019 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009264.D

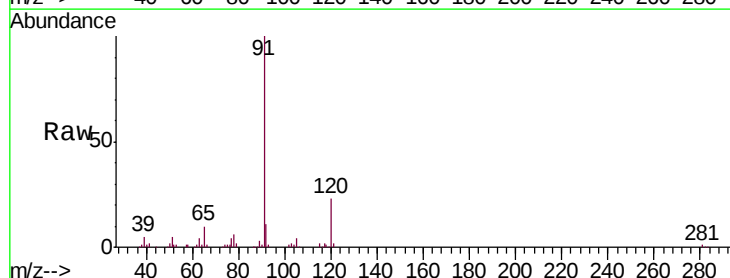
Acq: 24 Jan 2019 17:58

Tgt Ion: 91 Resp: 107918

Ion Ratio Lower Upper

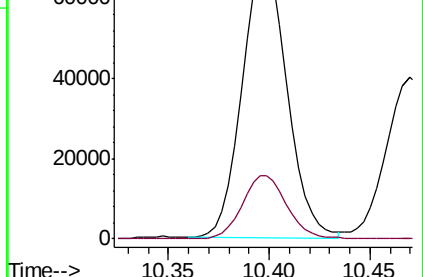
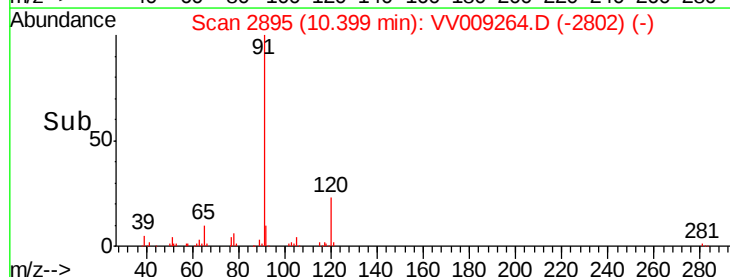
91 100

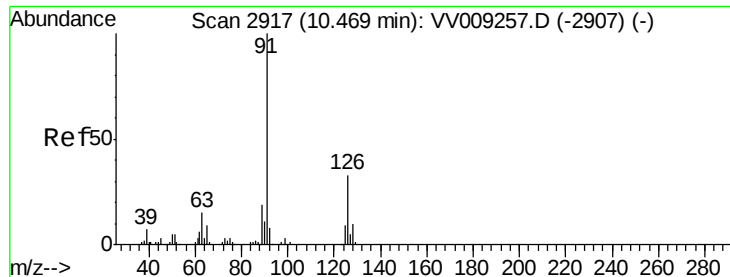
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.310 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

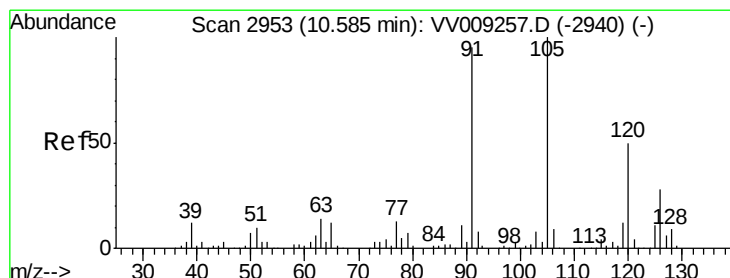
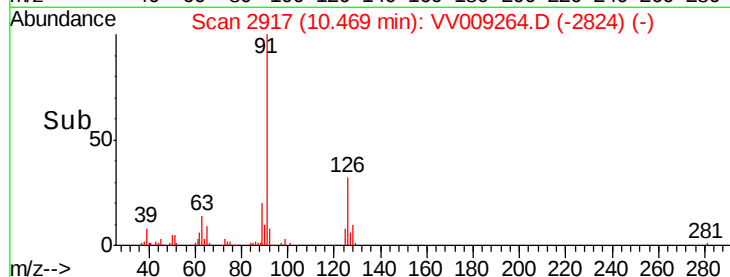
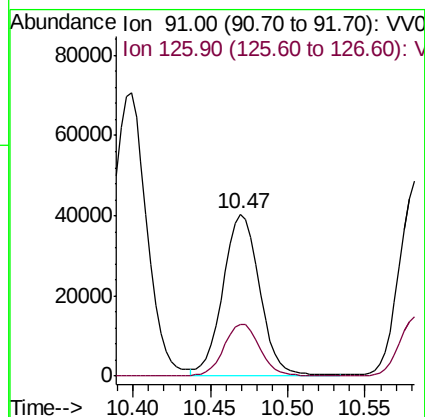
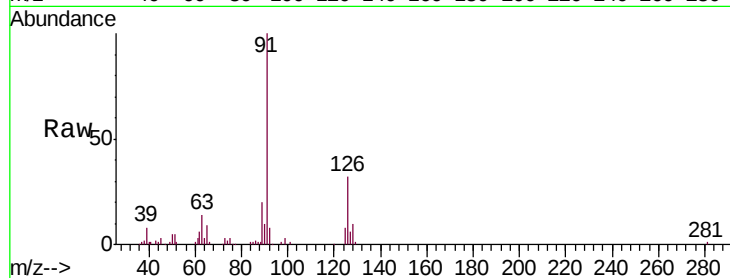
VV0124SBS01

Tgt Ion: 91 Resp: 65987

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.264 ug/l

RT: 10.59 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VV009264.D

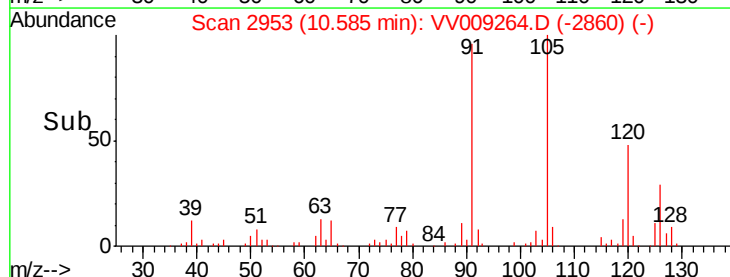
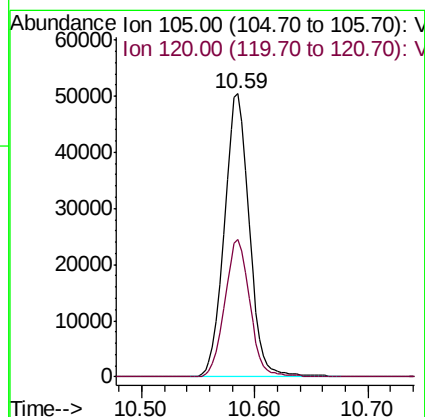
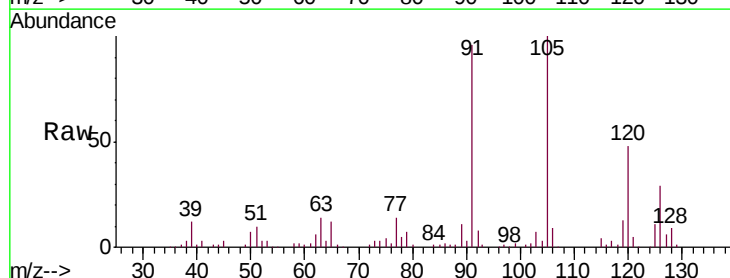
Acq: 24 Jan 2019 17:58

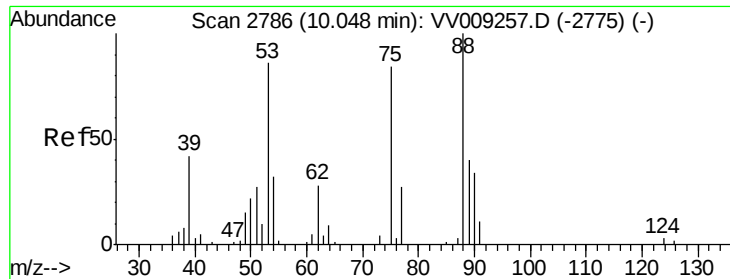
Tgt Ion: 105 Resp: 77663

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.3

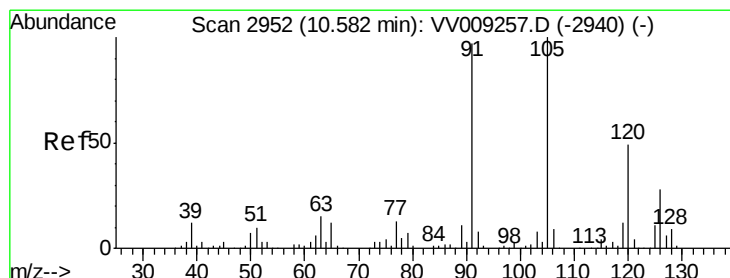
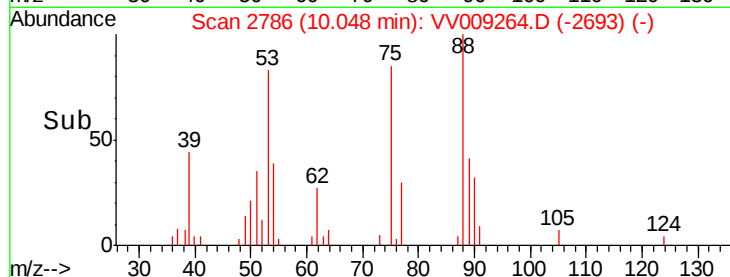
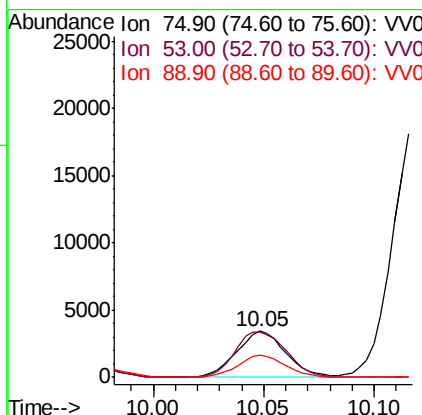
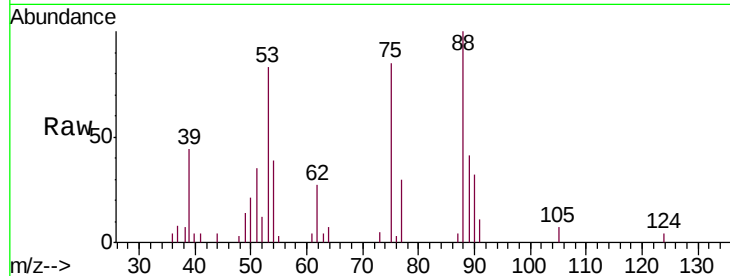




#81
trans-1,4-Dichloro-2-butene
Concen: 21.026 ug/l
RT: 10.05 min Scan# 2786
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

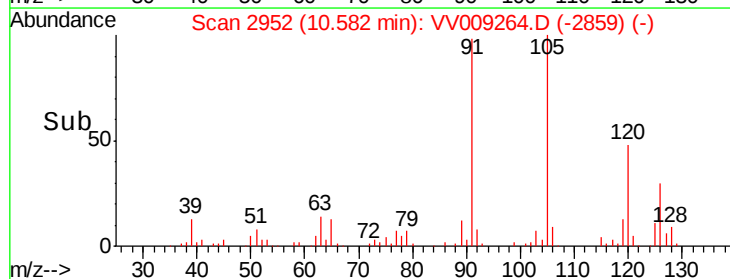
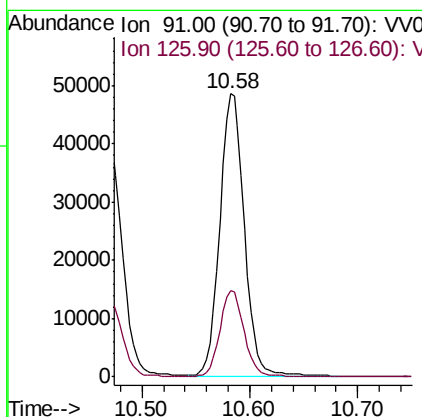
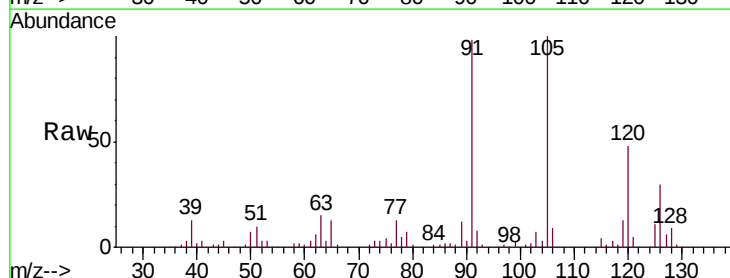
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

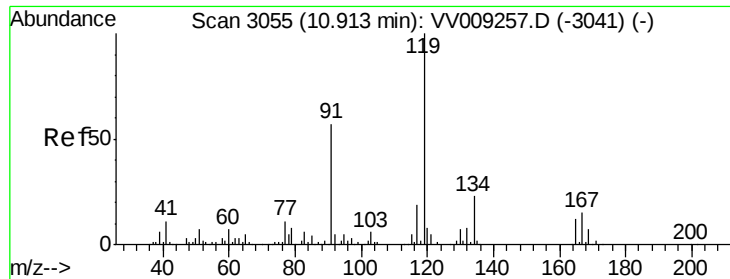
Tgt Ion: 75 Resp: 5361
Ion Ratio Lower Upper
75 100
53 101.4 80.2 120.2
89 45.5 36.8 55.2



#82
4-Chlorotoluene
Concen: 20.055 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 91 Resp: 77245
Ion Ratio Lower Upper
91 100
126 30.1 14.6 44.0

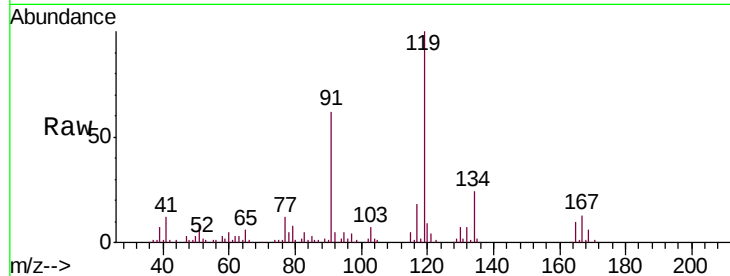




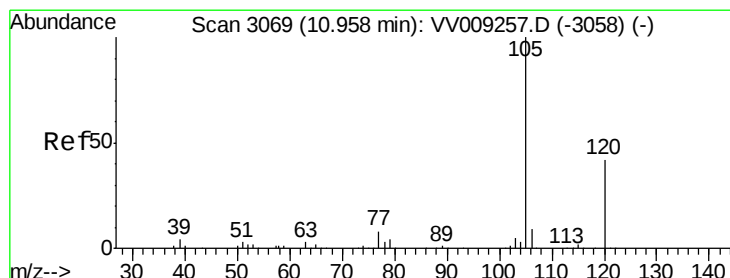
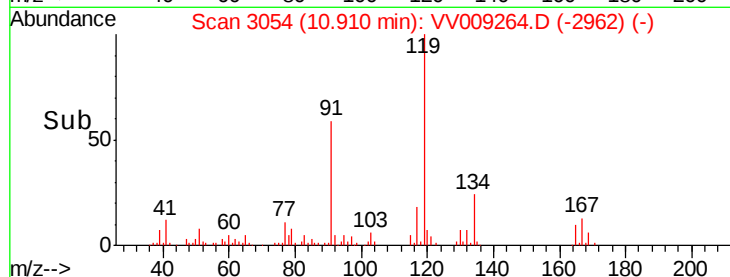
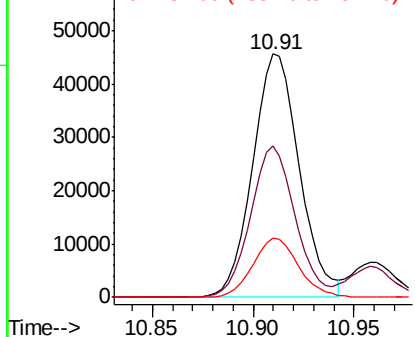
#83
tert-Butylbenzene
Concen: 19.935 ug/l
RT: 10.91 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Tgt Ion:119 Resp: 73764
Ion Ratio Lower Upper
119 100
91 59.5 28.6 85.8
134 23.8 11.9 35.5

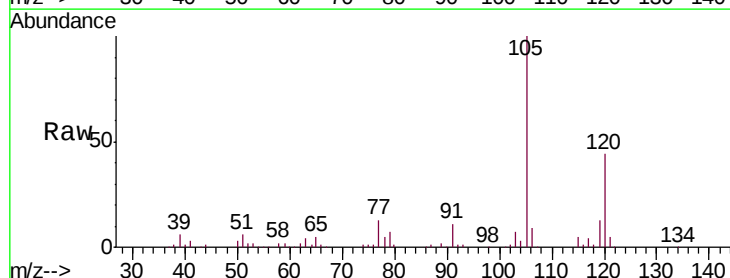


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VV0
Ion 134.00 (133.70 to 134.70): V

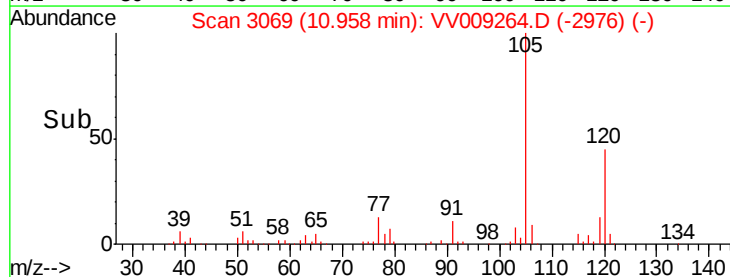
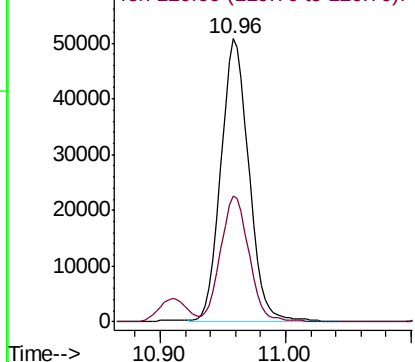


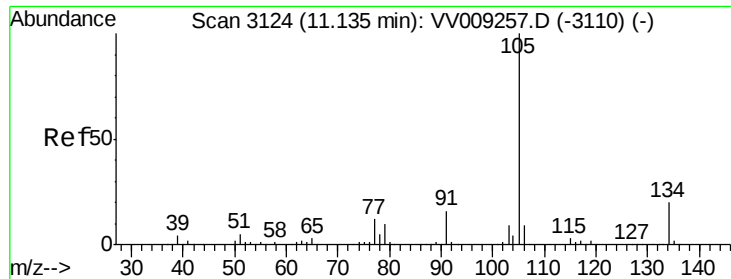
#84
1,2,4-Trimethylbenzene
Concen: 20.061 ug/l
RT: 10.96 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion:105 Resp: 78924
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.812 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

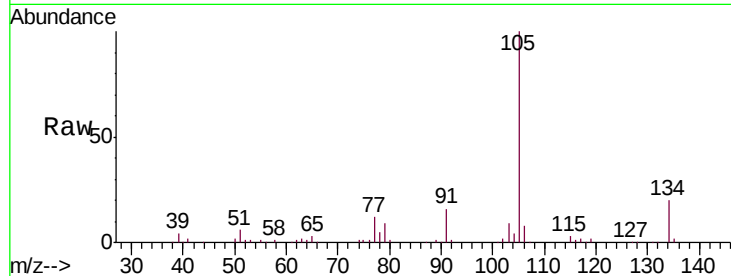
VV0124SBS01

Tgt Ion:105 Resp: 95537

Ion Ratio Lower Upper

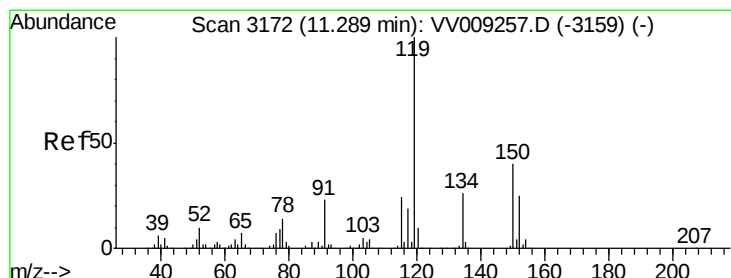
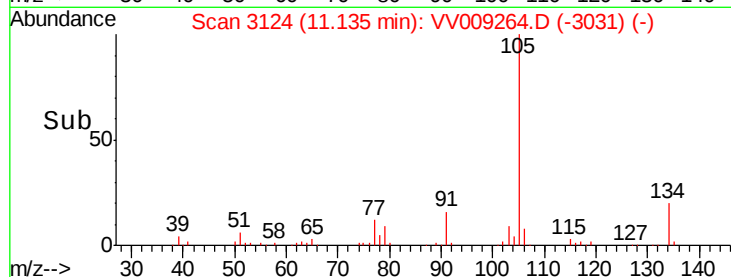
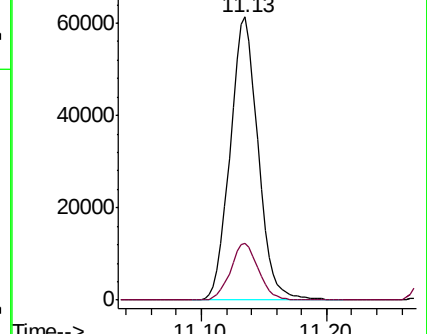
105 100

134 20.1 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.953 ug/l

RT: 11.29 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

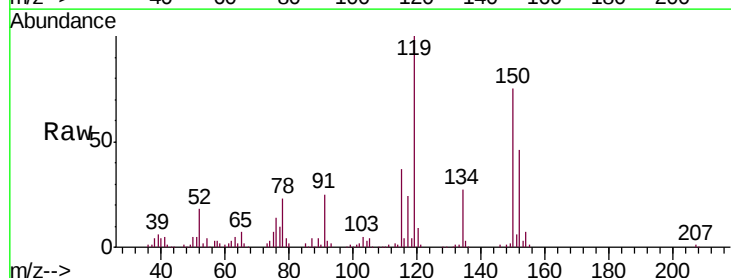
Tgt Ion:119 Resp: 84909

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

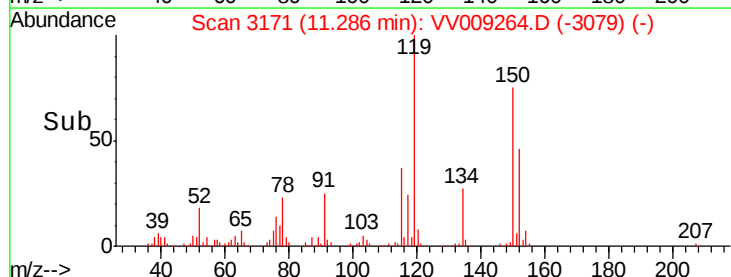
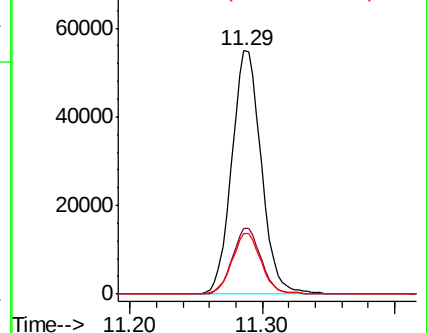
91 24.6 11.9 35.7

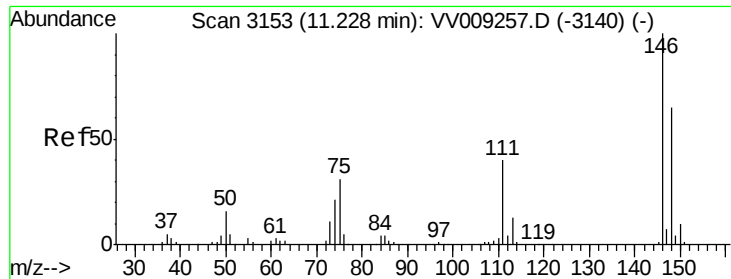


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VV0

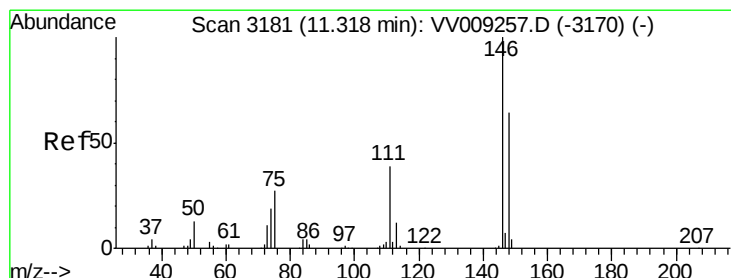
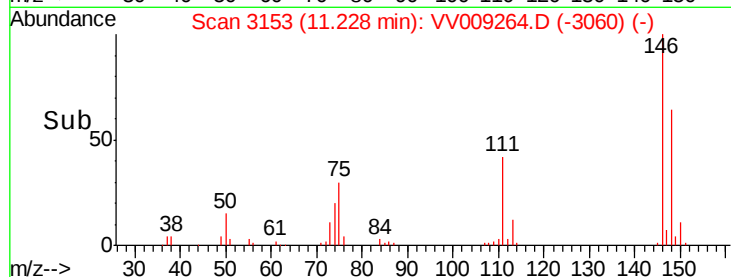
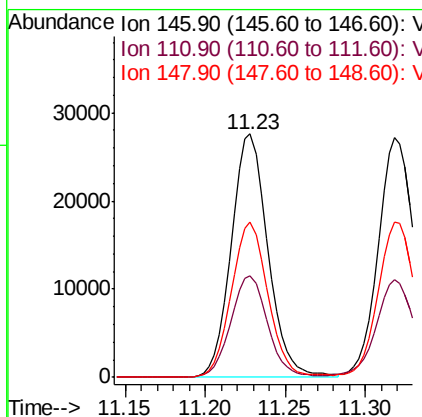
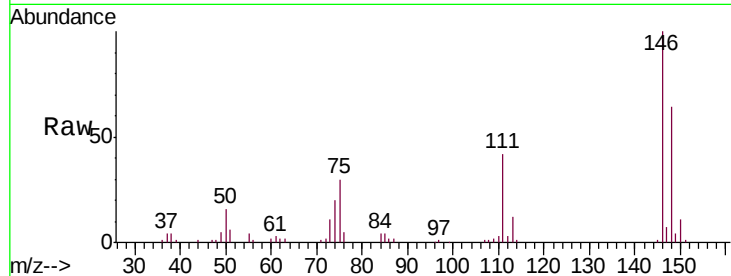




#87
 1,3-Dichlorobenzene
 Concen: 19.977 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

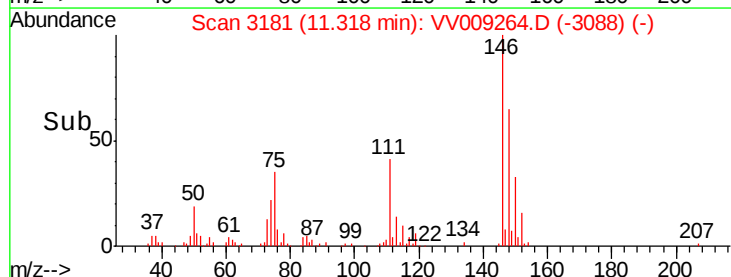
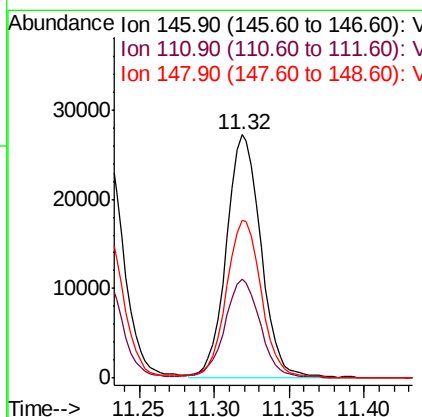
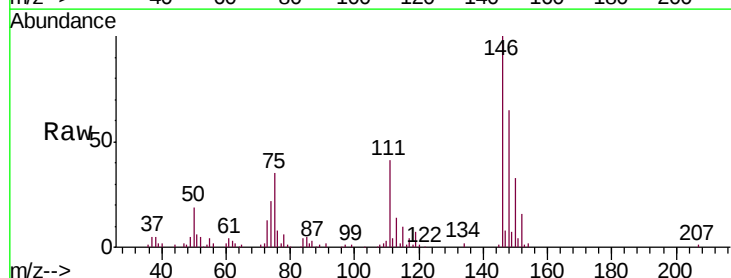
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

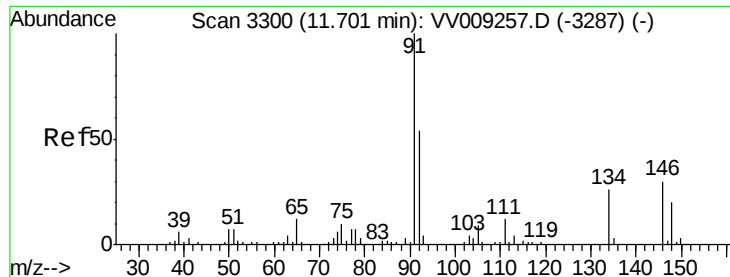
Tgt Ion:146 Resp: 43010
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.5
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion:146 Resp: 43450
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.3 61.0
 148 66.5 31.6 94.8

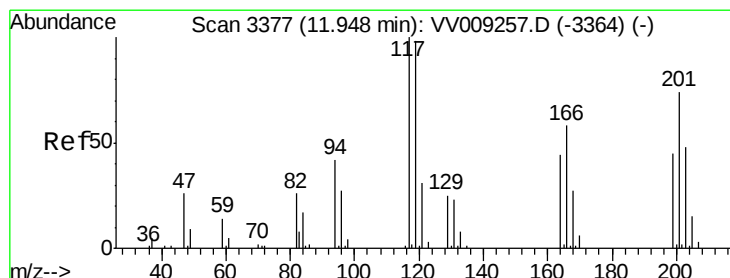
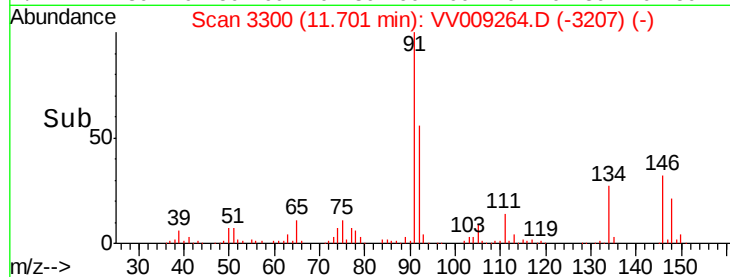
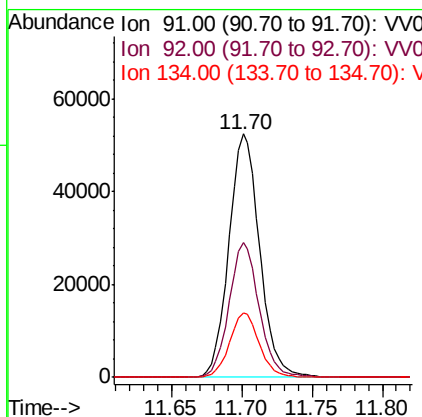
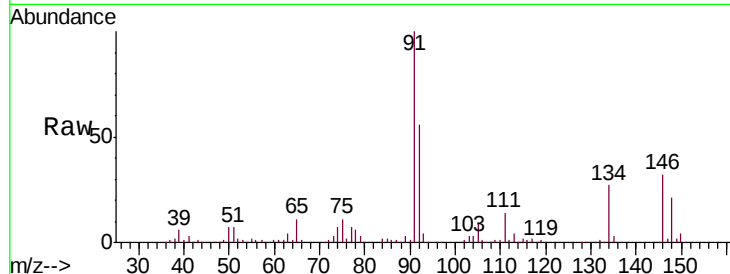




#89
n-Butylbenzene
Concen: 19.446 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

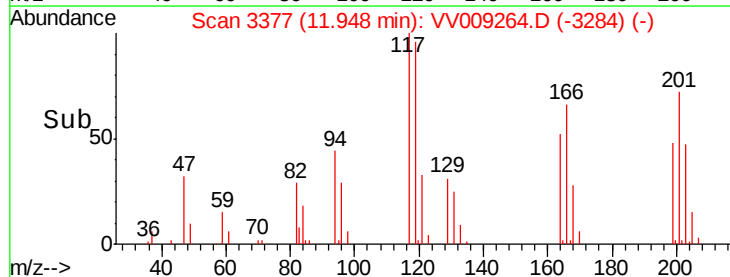
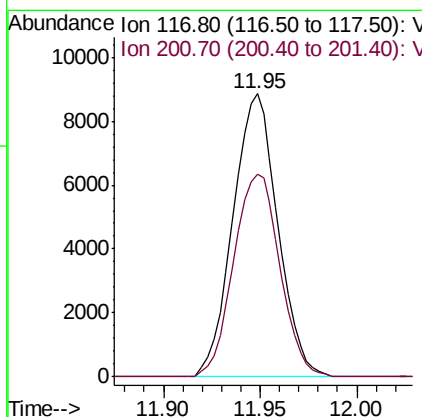
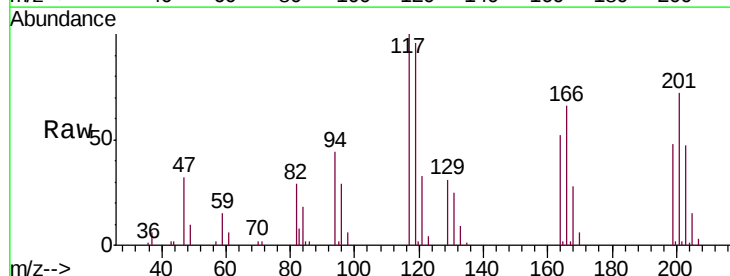
Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

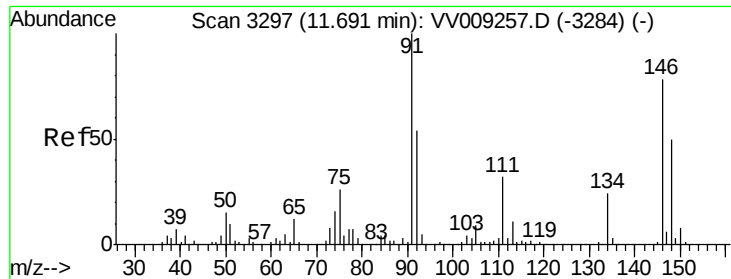
Tgt Ion: 91 Resp: 80137
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 25.6 13.1 39.3



#90
Hexachloroethane
Concen: 18.953 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion: 117 Resp: 14266
Ion Ratio Lower Upper
117 100
201 73.9 36.4 109.3





#91

1,2-Dichlorobenzene

Concen: 20.604 ug/l

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

VV0124SBS01

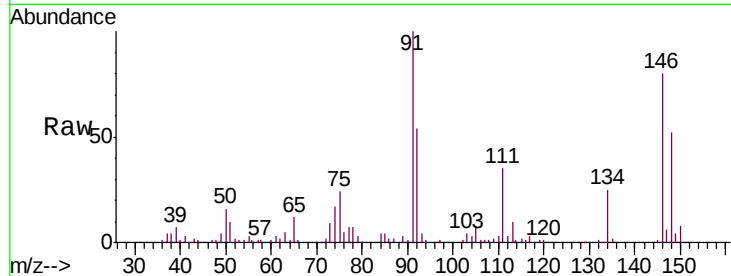
Tgt Ion:146 Resp: 39799

Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.7

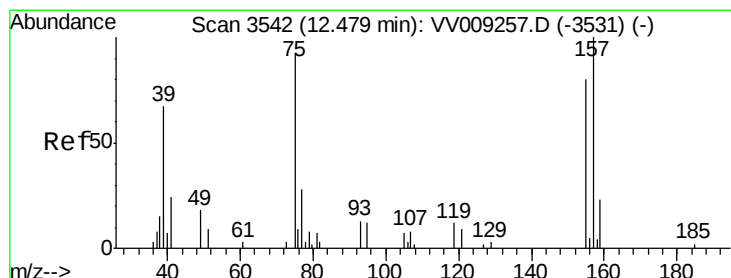
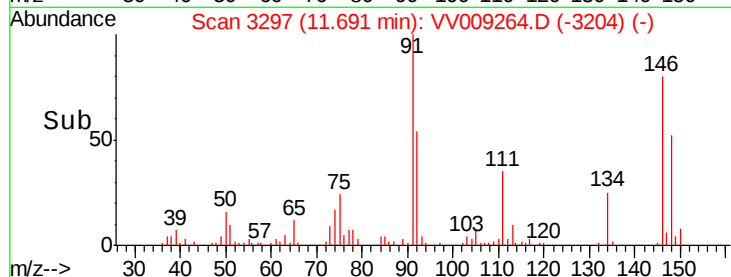
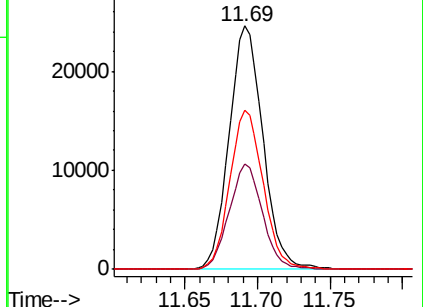
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.842 ug/l

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV009264.D

Acq: 24 Jan 2019 17:58

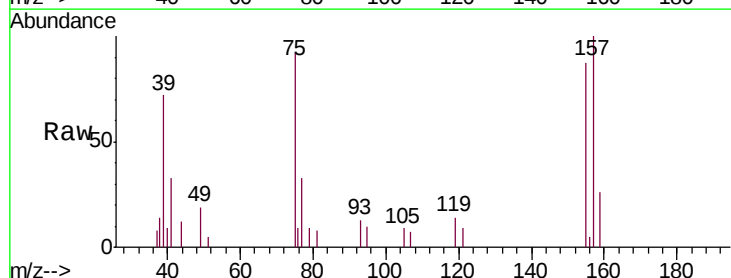
Tgt Ion: 75 Resp: 3573

Ion Ratio Lower Upper

75 100

155 85.2 41.1 123.4

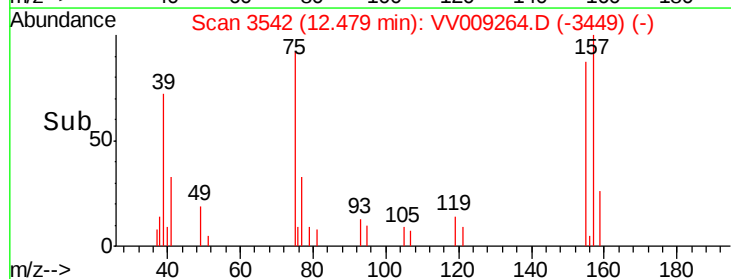
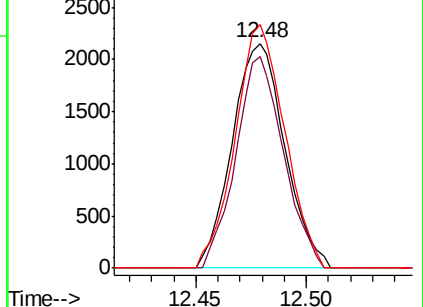
157 102.3 53.2 159.6

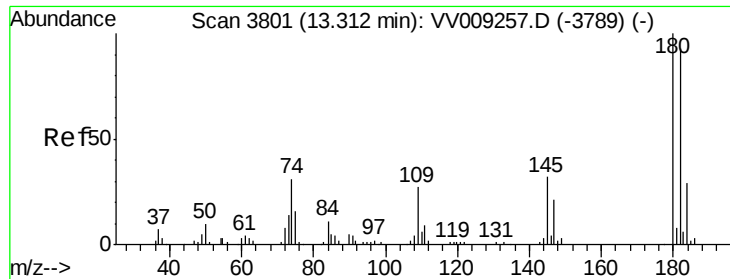


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

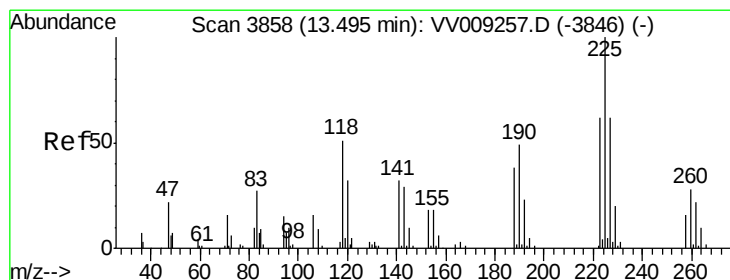
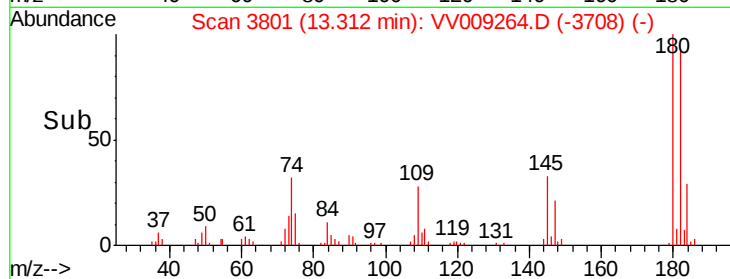
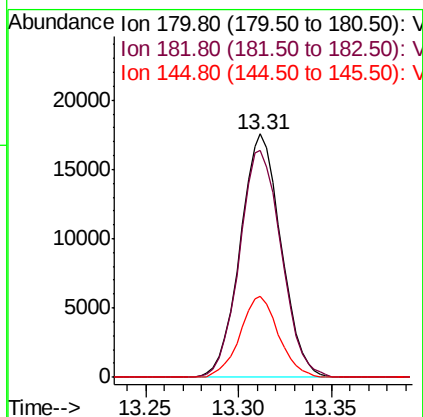
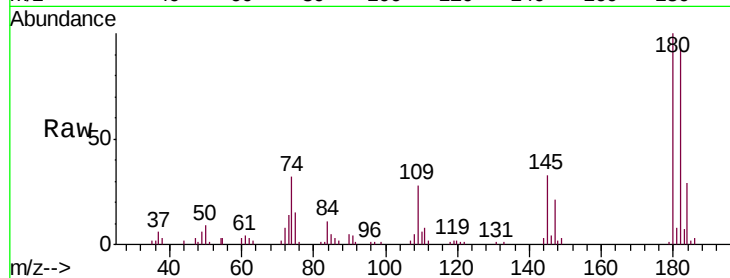




#93
 1,2,4-Trichlorobenzene
 Concen: 19.793 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

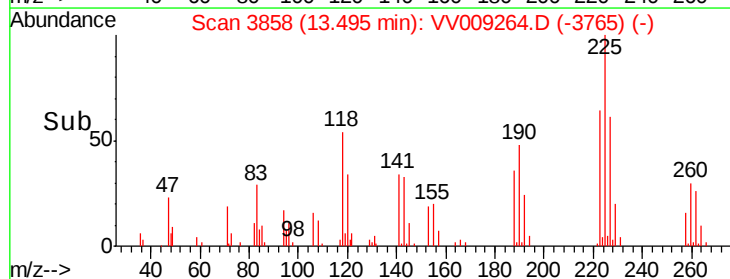
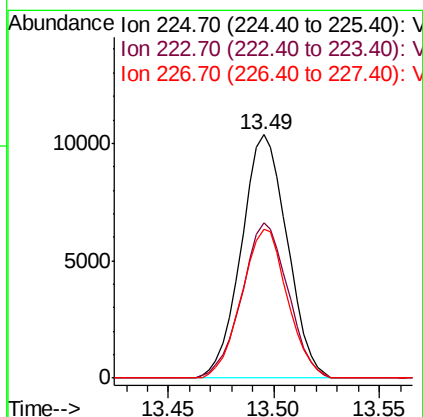
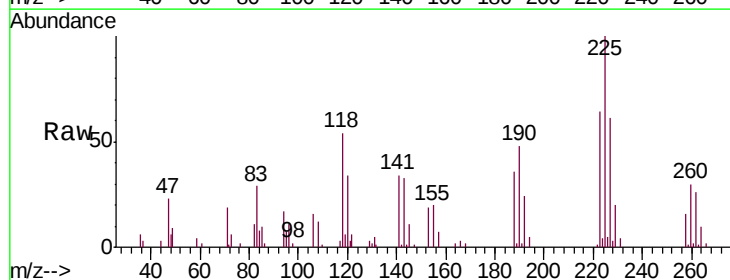
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0124SBS01

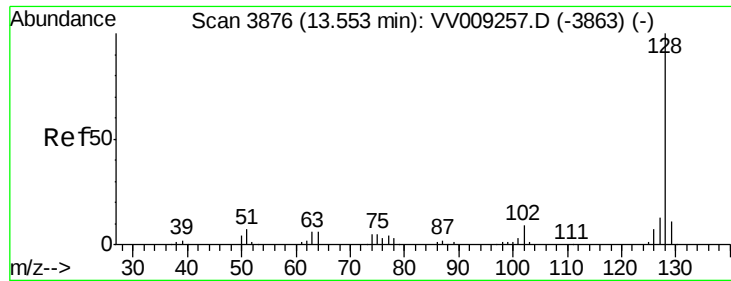
Tgt Ion:180 Resp: 26793
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.1 141.4
 145 31.4 15.8 47.4



#94
 Hexachlorobutadiene
 Concen: 20.247 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009264.D
 Acq: 24 Jan 2019 17:58

Tgt Ion:225 Resp: 15667
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.9
 227 61.1 31.6 94.7

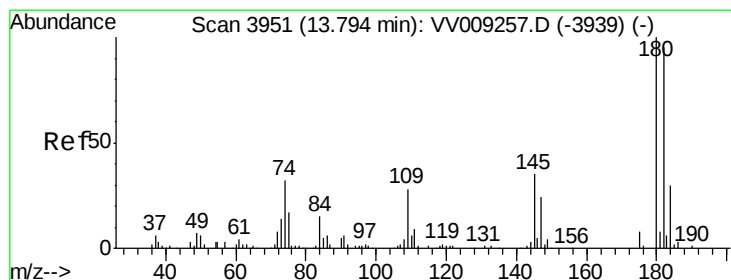
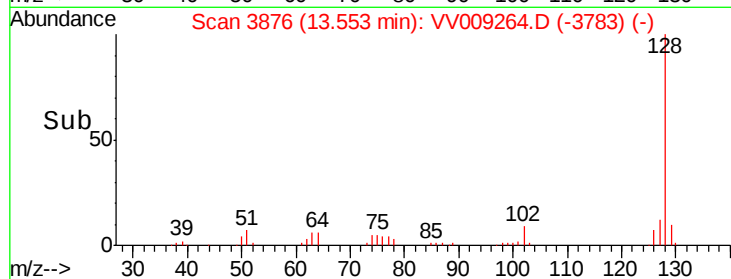
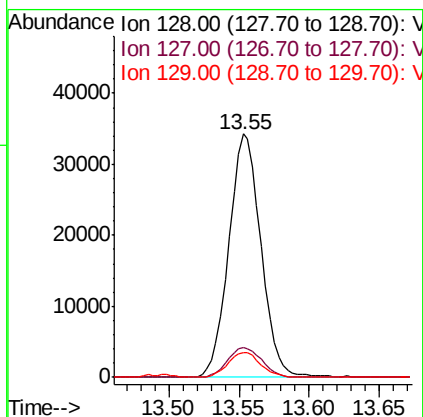
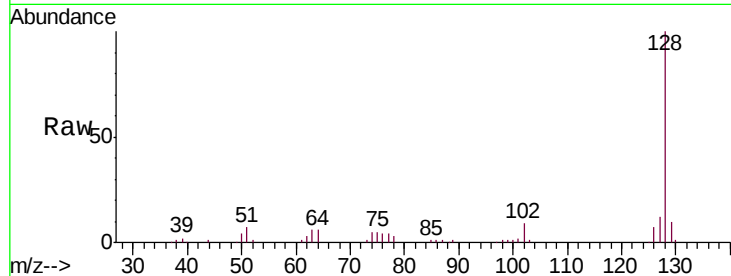




#95
Naphthalene
Concen: 20.135 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Instrument :
MSVOA_V
ClientSampleId :
VV0124SBS01

Tgt Ion:128 Resp: 54600
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.540 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009264.D
Acq: 24 Jan 2019 17:58

Tgt Ion:180 Resp: 24525
Ion Ratio Lower Upper
180 100
182 97.4 47.5 142.6
145 33.4 17.2 51.6

