

Data File : VV008399.D
Acq On : 24 Oct 2018 18:14
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Quant Time: Oct 25 09:19:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:16:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197623	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46695	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.57	69	36512	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.13	63	65656	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	3.94	46	116254	97.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.41	84	120450	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
26) 1,2-Dichloroethane-d4	5.09	65	83834	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.10	84	240134	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
36) 1,2-Dichloropropane-d6	6.12	67	83945	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.72%
41) Toluene-d8	7.36	98	213781	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%
43) trans-1,3-Dichloropropene-	7.67	79	40141	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.14	63	87715	94.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.77%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	114895	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	72956	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3014	2.136 ug/L	99
3) Chloromethane	1.25	50	3556	2.352 ug/L	97
5) Vinyl chloride	1.33	62	3085	2.202 ug/L #	63
6) Bromomethane	1.52	94	1064	2.768 ug/L	86
8) Chloroethane	1.59	64	1705	2.317 ug/L	97
9) Trichlorofluoromethane	1.77	101	3932	2.181 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2607	2.768 ug/L	88
12) 1,1-Dichloroethene	2.14	96	2590	2.921 ug/L #	1
13) Acetone	2.19	43	4890	5.298 ug/L	98
14) Carbon disulfide	2.32	76	8938	2.238 ug/L	97
15) Methyl Acetate	2.46	43	5080	2.760 ug/L	91
16) Methylene chloride	2.54	84	3590	2.338 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	3134	2.319 ug/L	93
18) Methyl tert-butyl Ether	2.81	73	10530	2.177 ug/L #	93
19) 1,1-Dichloroethane	3.24	63	5803	2.082 ug/L	88
20) cis-1,2-Dichloroethene	3.97	96	3419	2.220 ug/L	87
22) 2-Butanone	4.03	43	5590	4.193 ug/L	94

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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:16:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	874	1.203	ug/L	88
25) Chloroform	4.44	83	6482	2.382	ug/L	96
27) 1,2-Dichloroethane	5.19	62	5469	2.406	ug/L	100
29) Cyclohexane	4.73	56	5686	2.179	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	5078	2.185	ug/L	97
31) Carbon tetrachloride	4.88	117	4141	2.100	ug/L	99
33) Benzene	5.15	78	13009	2.221	ug/L	100
34) Trichloroethene	5.97	95	3514	2.343	ug/L	92
35) Methylcyclohexane	6.18	83	5334	2.092	ug/L	96
37) 1,2-Dichloropropane	6.23	63	3753	2.320	ug/L #	89
38) Bromodichloromethane	6.56	83	4504	2.185	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	5629	2.213	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	10780	4.500	ug/L	99
42) Toluene	7.44	91	14147	2.325	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	5372	2.258	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	3037	2.123	ug/L	93
46) Tetrachloroethene	8.02	164	2195	2.245	ug/L	98
48) 2-Hexanone	8.19	43	8171	4.420	ug/L	89
49) Dibromochloromethane	8.29	129	2997	1.950	ug/L	87
50) 1,2-Dibromoethane	8.40	107	3191	2.127	ug/L #	99
51) Chlorobenzene	8.93	112	8430	2.250	ug/L	95
52) Ethylbenzene	9.06	91	14866	2.181	ug/L	97
53) m,p-Xylene	9.19	106	5270	2.116	ug/L	91
54) o-xylene	9.59	106	5628	2.263	ug/L	91
55) Styrene	9.61	104	8977	2.143	ug/L	99
56) Isopropylbenzene	9.98	105	13560	2.084	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5852	2.336	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	4334	2.138	ug/L	92
61) Bromoform	9.78	173	1988	2.089	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	5780	2.318	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	6159	2.465	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	5832	2.294	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1094	2.093	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	3205	1.969	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	2159	1.639	ug/L	97
69) Naphthalene	13.56	128	5352	1.257	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	1990	1.512	ug/L	97

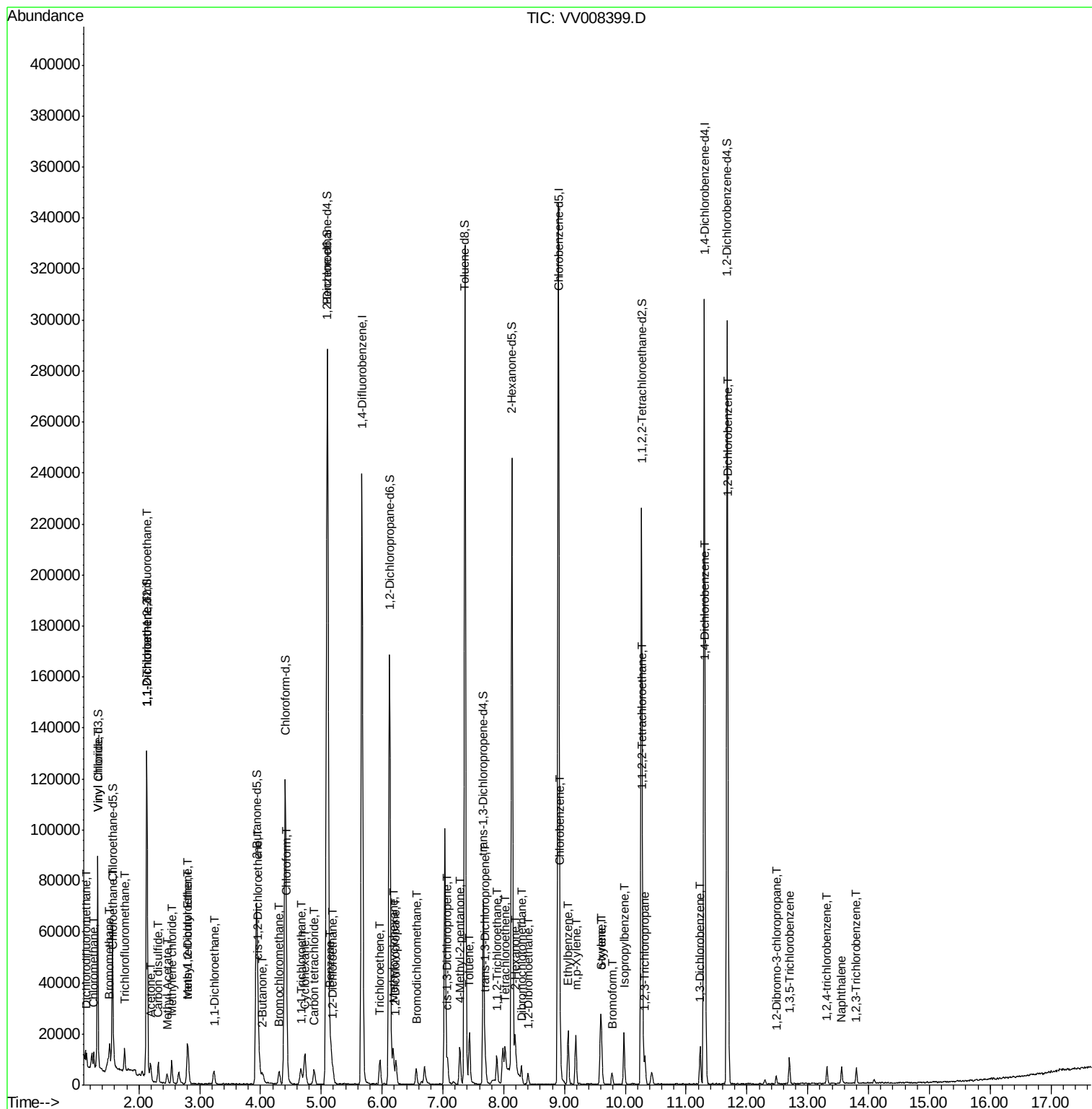
(#) = qualifier out of range (m) = manual integration (+) = signals summed

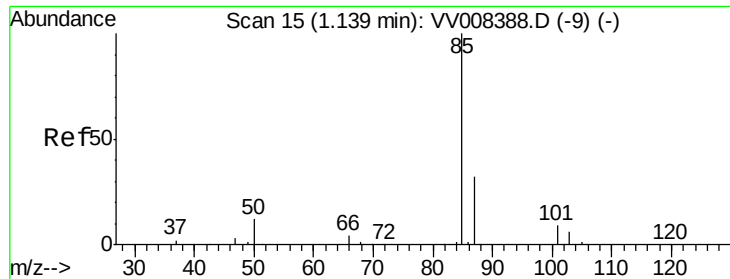
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```
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MSVOA_V
ClientSampleId :
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#2

Dichlorodifluoromethane

Concen: 2.136 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampled :

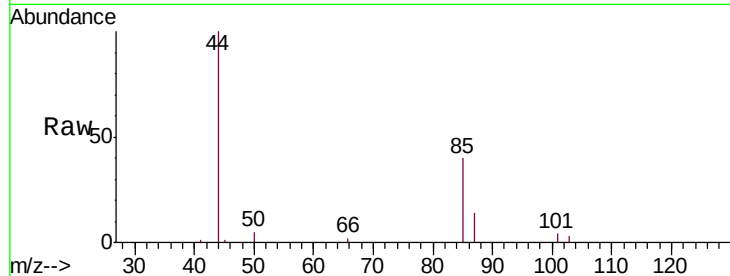
MDL01

Tgt Ion: 85 Resp: 3014

Ion Ratio Lower Upper

85 100

87 31.4 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV008388.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VV008388.D (-9) (-)

1.14

3000

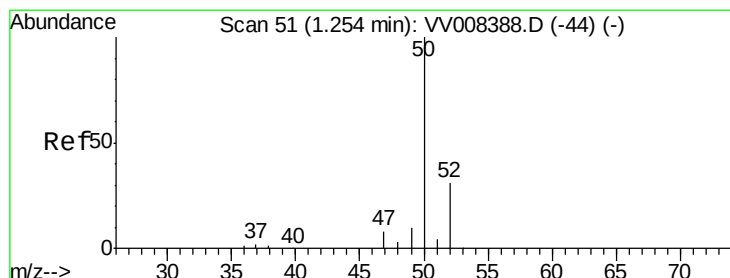
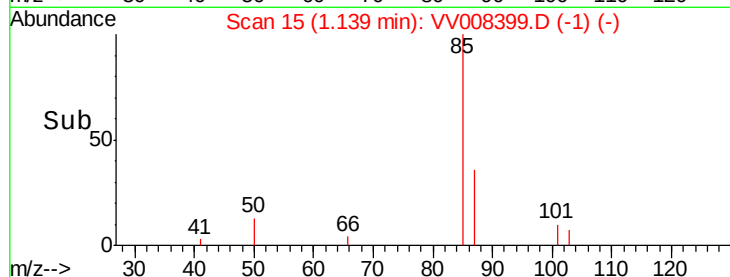
2000

1000

0

1.12 1.14 1.16

Time-->



#3

Chloromethane

Concen: 2.352 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008399.D

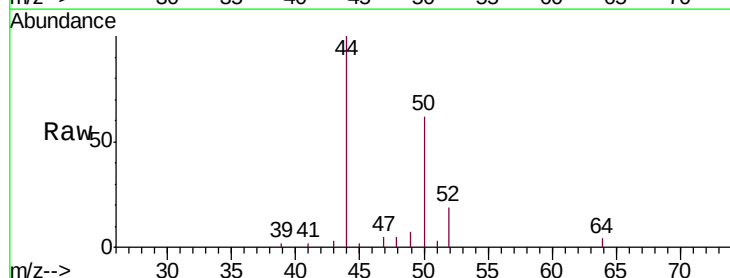
Acq: 24 Oct 2018 18:14

Tgt Ion: 50 Resp: 3556

Ion Ratio Lower Upper

50 100

52 31.3 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VV008388.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV008388.D (-44) (-)

1.25

4000

3000

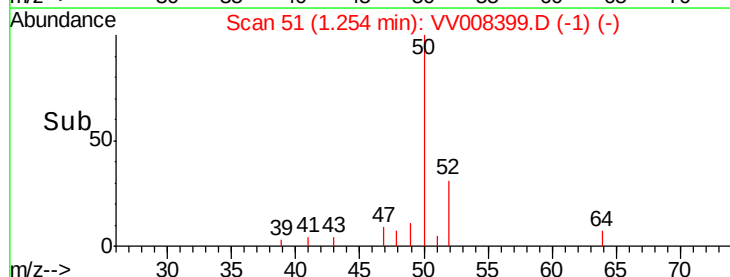
2000

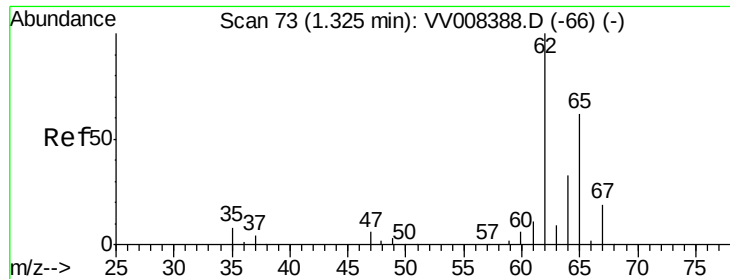
1000

0

1.22 1.24 1.26 1.28

Time-->





#5

Vinyl chloride

Concen: 2.202 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

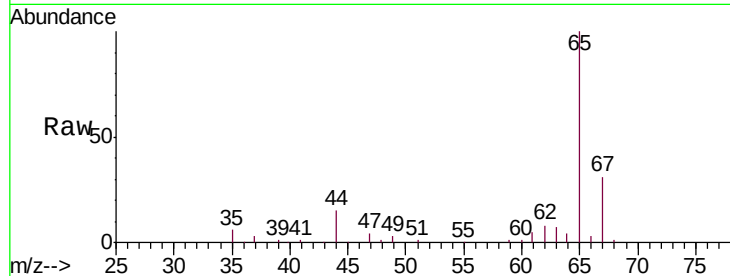
MDL01

Tgt Ion: 62 Resp: 3085

Ion Ratio Lower Upper

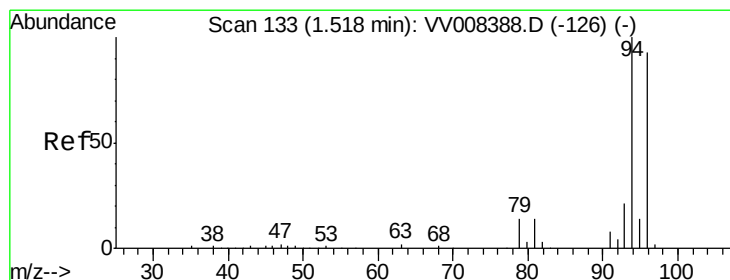
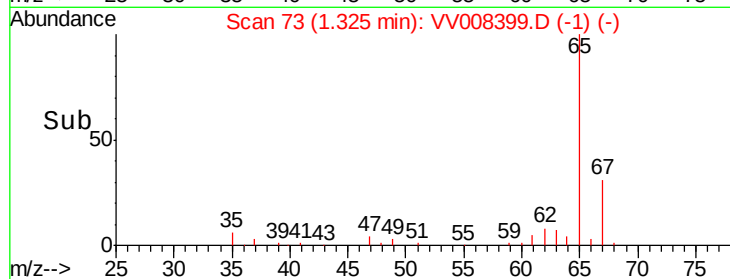
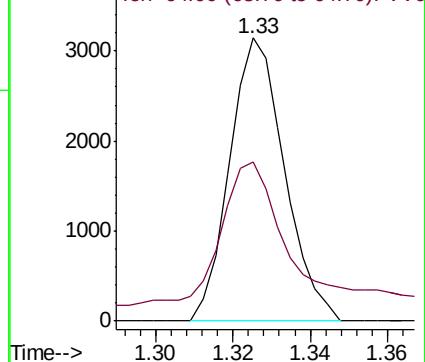
62 100

64 56.3 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 2.768 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.00 min

Lab File: VV008399.D

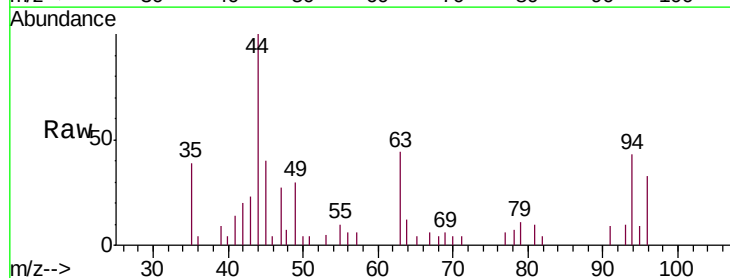
Acq: 24 Oct 2018 18:14

Tgt Ion: 94 Resp: 1064

Ion Ratio Lower Upper

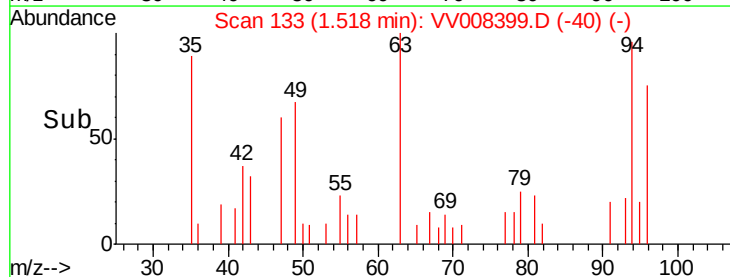
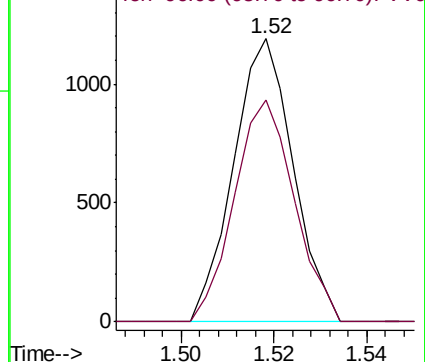
94 100

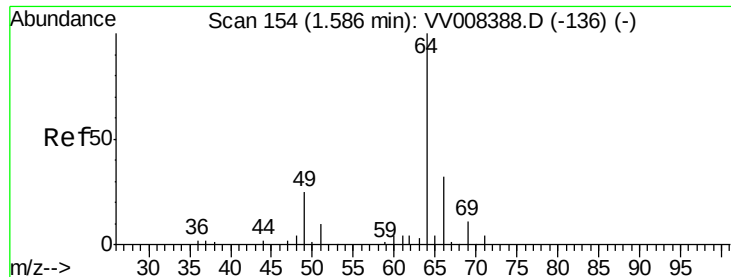
96 78.2 63.8 118.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 2.317 ug/L

RT: 1.59 min Scan# 154

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

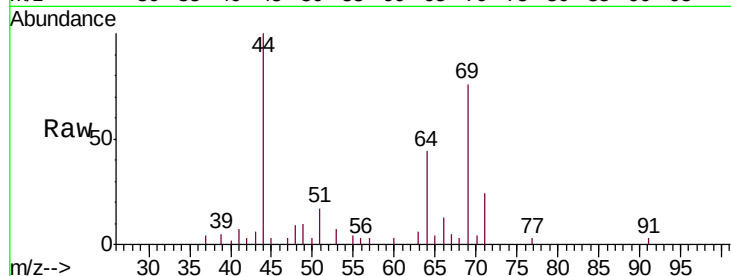
MDL01

Tgt Ion: 64 Resp: 1705

Ion Ratio Lower Upper

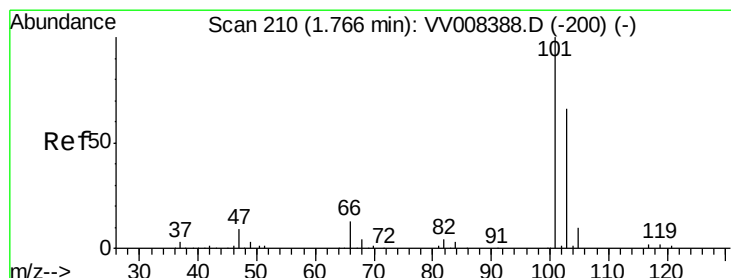
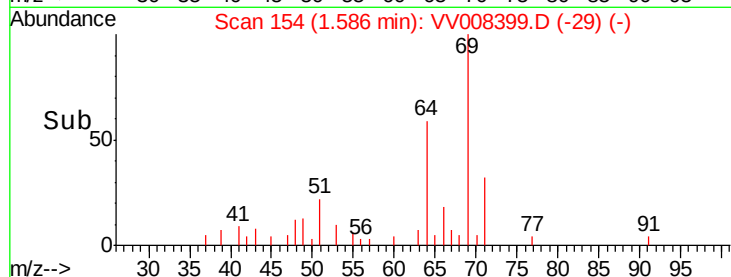
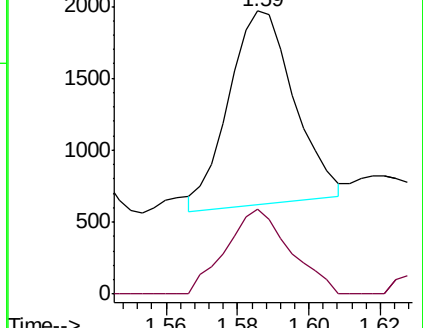
64 100

66 29.8 19.9 36.9



Abundance Ion 64.00 (63.70 to 64.70): VV008388.D (-136) (-)

Ion 66.00 (65.70 to 66.70): VV008388.D (-136) (-)



#9

Trichlorofluoromethane

Concen: 2.181 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV008399.D

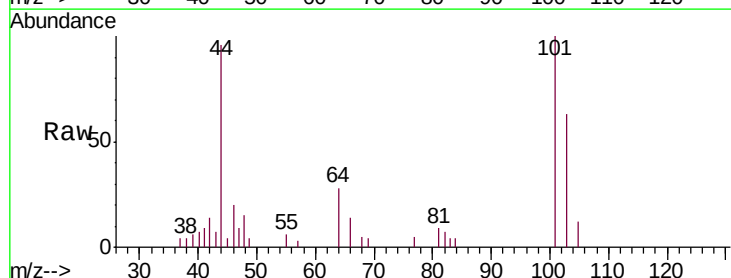
Acq: 24 Oct 2018 18:14

Tgt Ion: 101 Resp: 3932

Ion Ratio Lower Upper

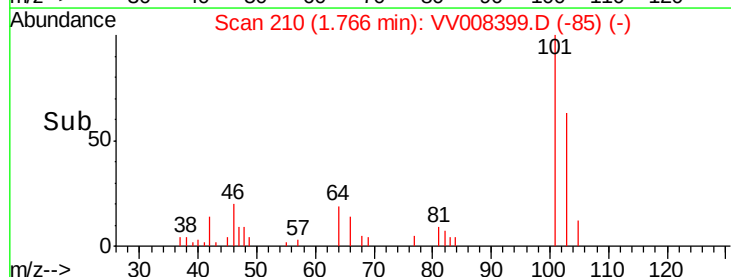
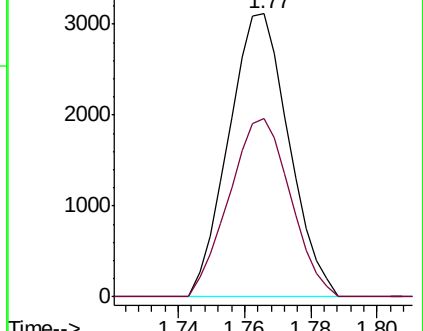
101 100

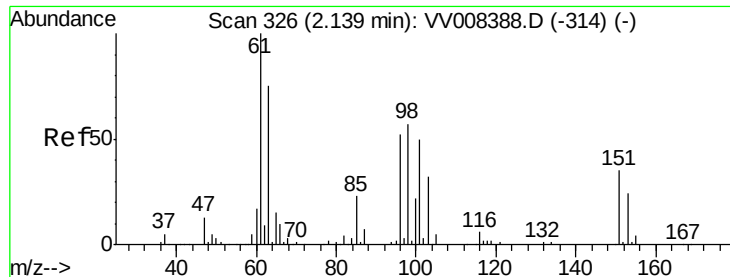
103 64.2 51.0 76.6



Abundance Ion 101.00 (100.70 to 101.70): VV008388.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV008388.D (-200) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.768 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

MDL01

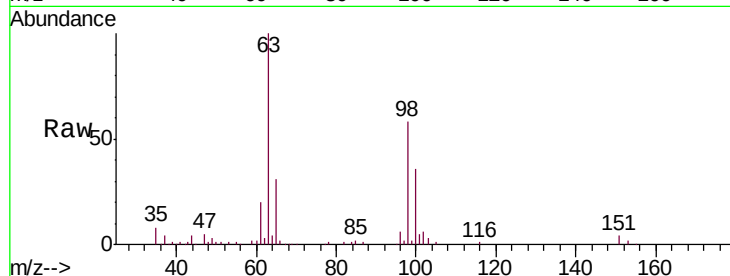
Tgt Ion:101 Resp: 2607

Ion Ratio Lower Upper

101 100

85 37.4 35.6 53.4

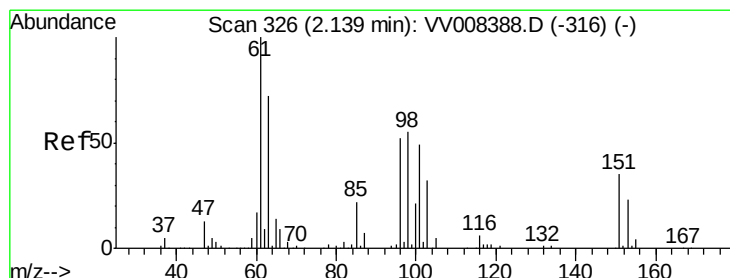
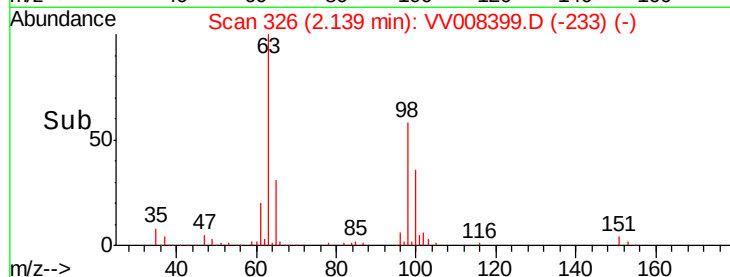
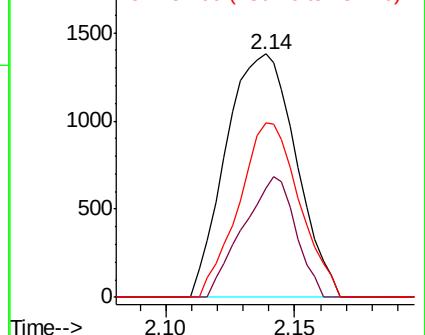
151 62.2 58.1 87.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.921 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

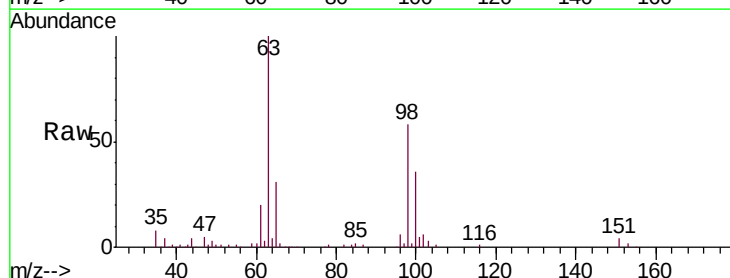
Tgt Ion: 96 Resp: 2590

Ion Ratio Lower Upper

96 100

61 322.5 130.3 242.1#

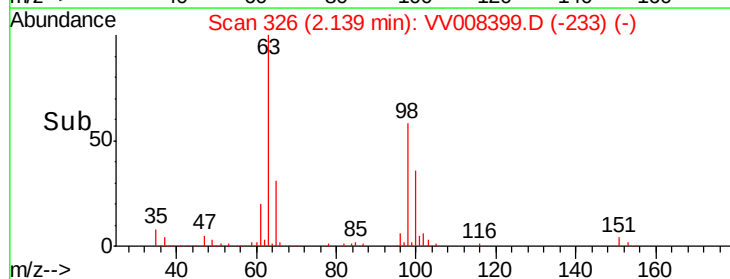
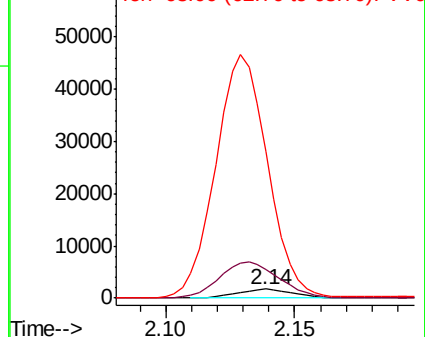
63 1623.7 84.4 156.8#

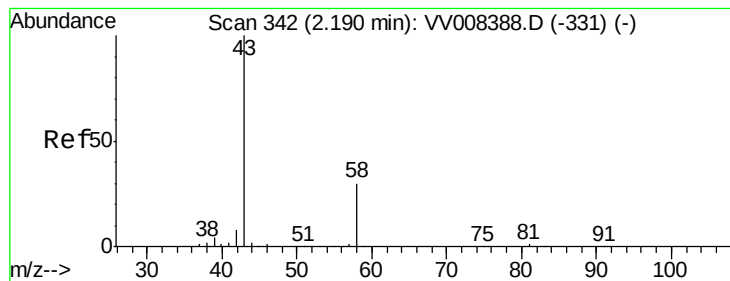


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.298 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampled :

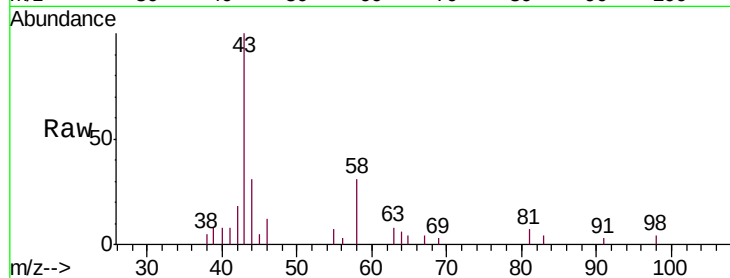
MDL01

Tgt Ion: 43 Resp: 4890

Ion Ratio Lower Upper

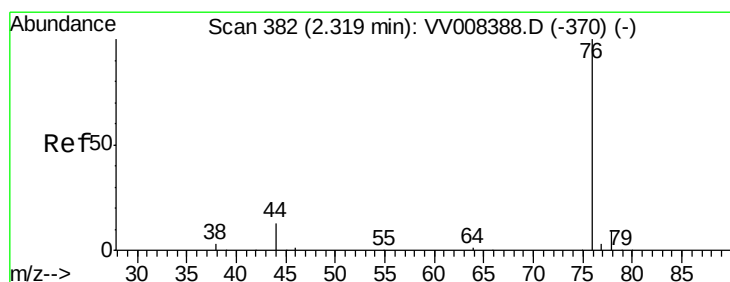
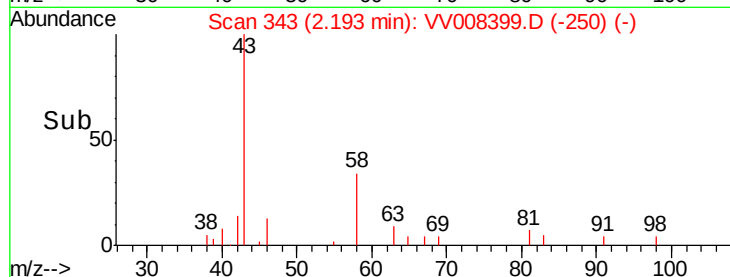
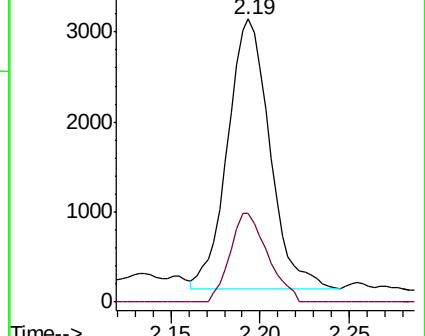
43 100

58 29.7 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008388.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008388.D (-331) (-)



#14

Carbon disulfide

Concen: 2.238 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV008399.D

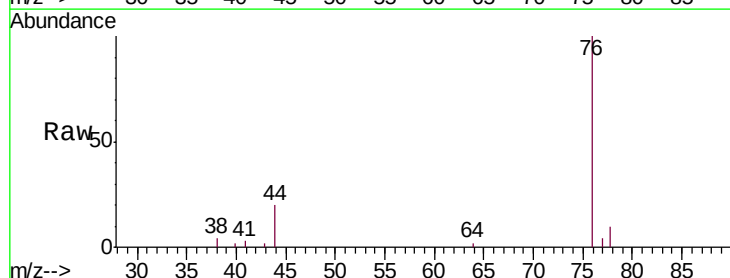
Acq: 24 Oct 2018 18:14

Tgt Ion: 76 Resp: 8938

Ion Ratio Lower Upper

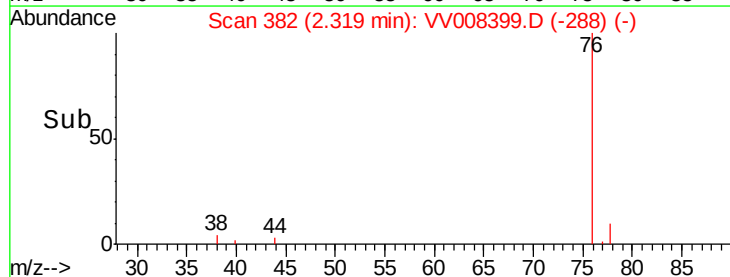
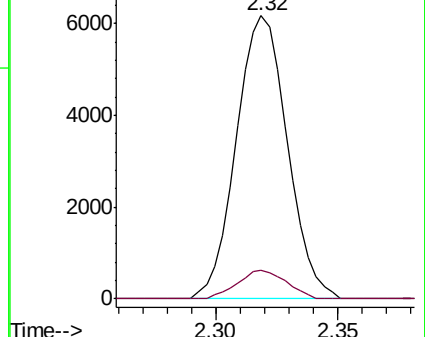
76 100

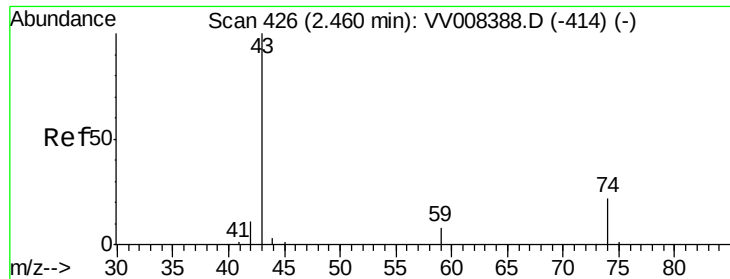
78 10.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV008388.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV008388.D (-370) (-)

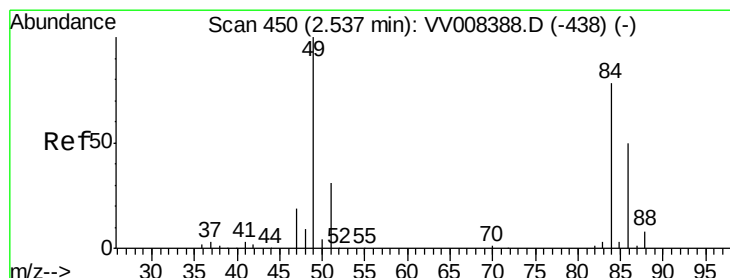
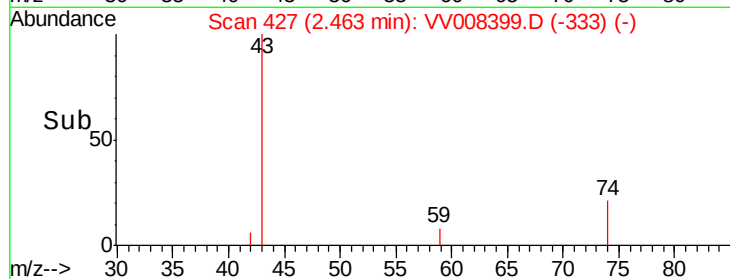
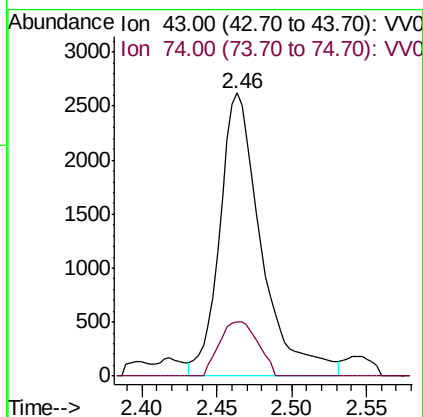
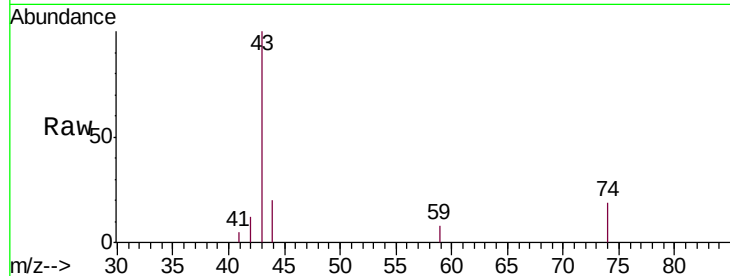




#15
Methyl Acetate
Concen: 2.760 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

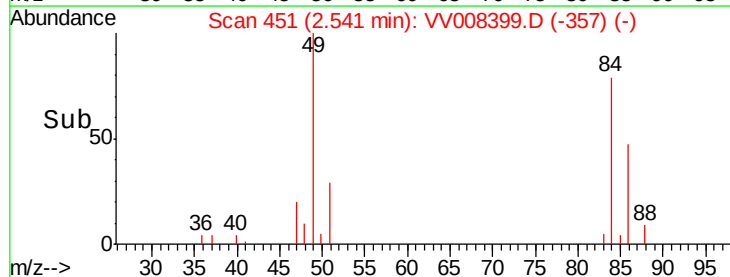
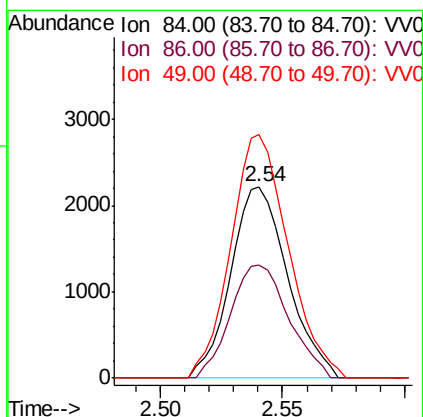
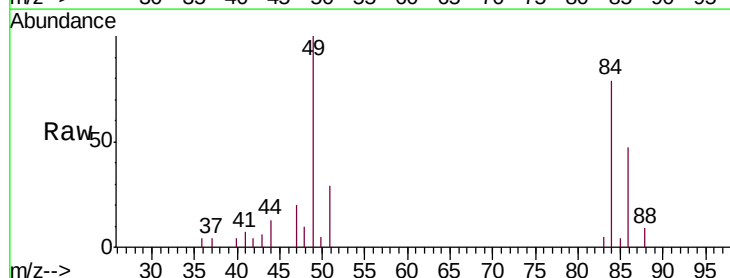
Instrument :
MSVOA_V
ClientSampled :
MDL01

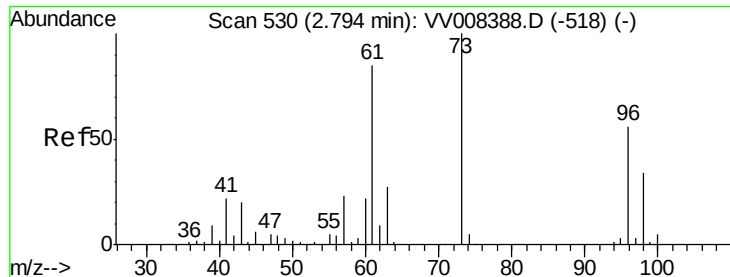
Tgt Ion: 43 Resp: 5080
Ion Ratio Lower Upper
43 100
74 17.8 17.8 26.6



#16
Methylene chloride
Concen: 2.338 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion: 84 Resp: 3590
Ion Ratio Lower Upper
84 100
86 59.3 45.6 84.6
49 127.3 90.6 168.3

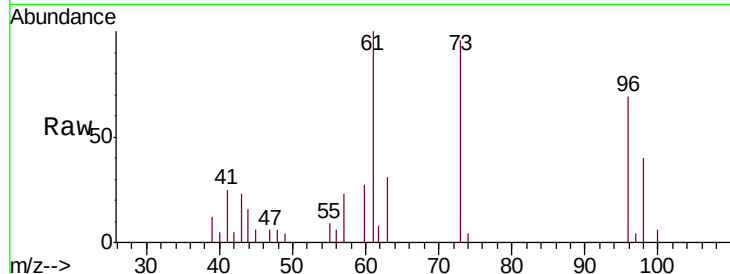




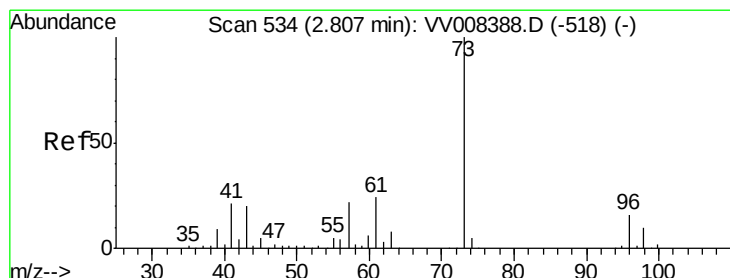
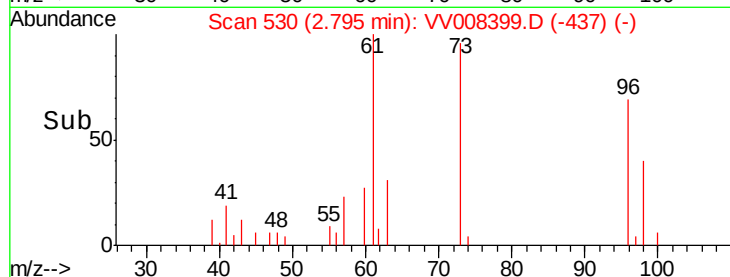
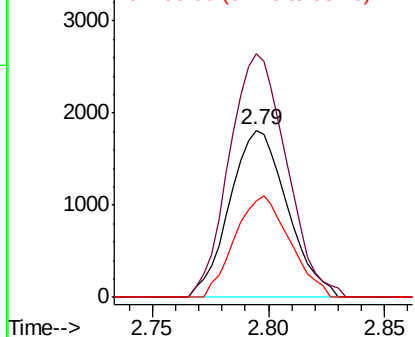
#17
trans-1,2-Dichloroethene
Concen: 2.319 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 3134
Ion Ratio Lower Upper
96 100
61 145.9 108.6 201.6
98 57.7 44.3 82.3

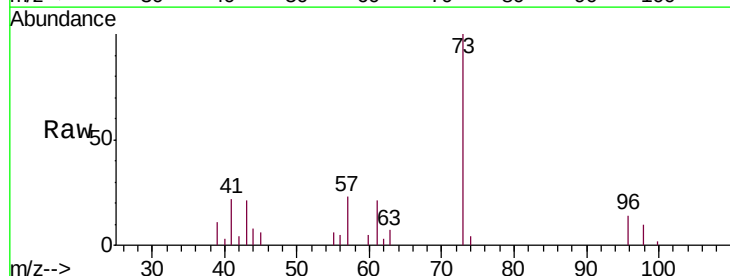


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

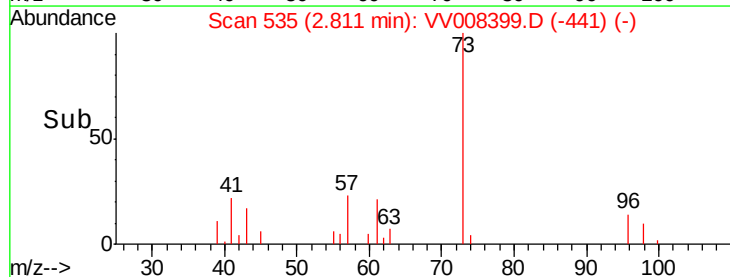
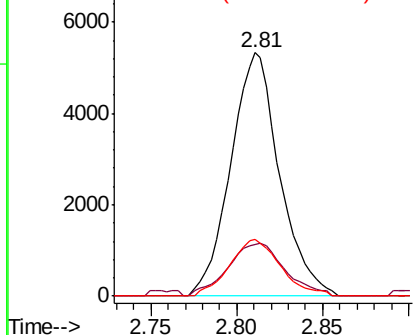


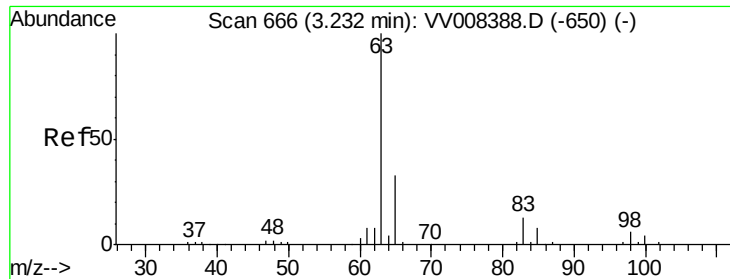
#18
Methyl tert-butyl Ether
Concen: 2.177 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion: 73 Resp: 10530
Ion Ratio Lower Upper
73 100
43 25.4 16.2 24.4#
57 24.4 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

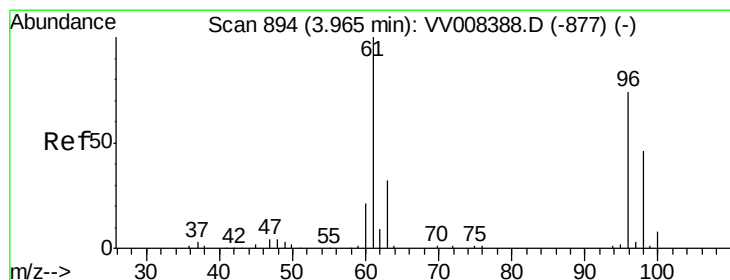
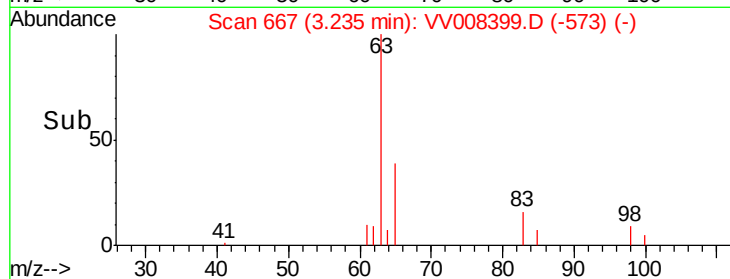
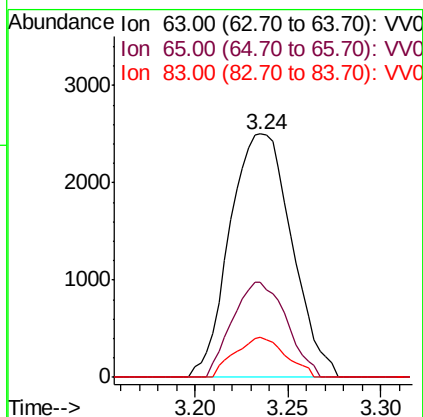
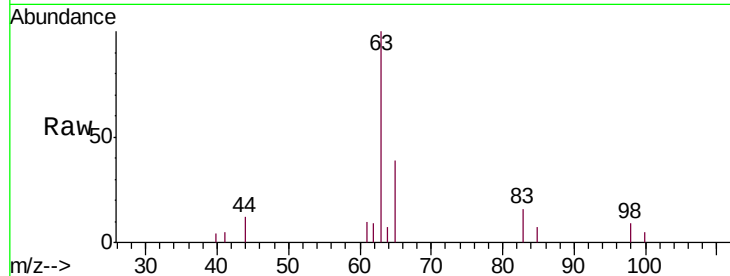




#19
 1,1-Dichloroethane
 Concen: 2.082 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

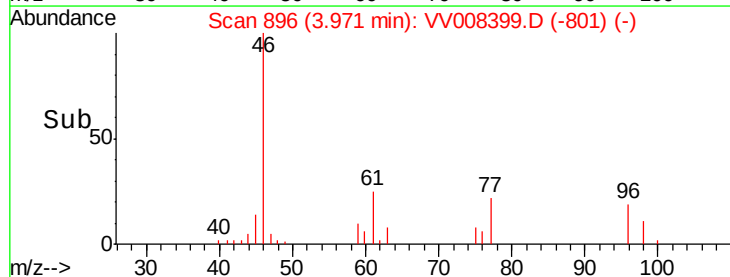
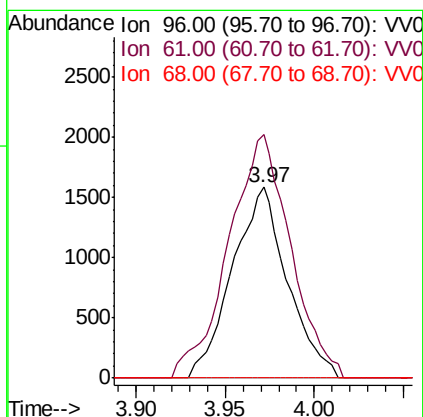
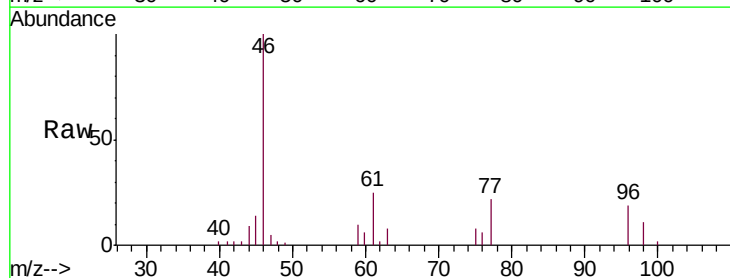
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

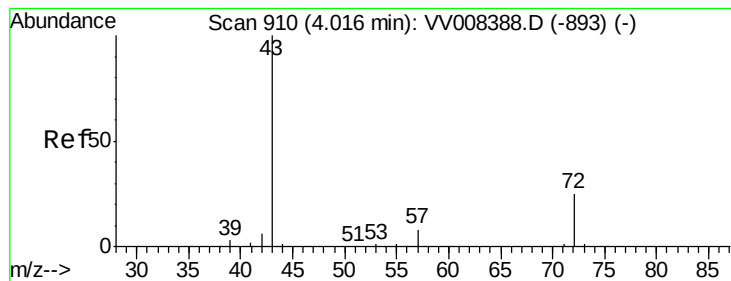
Tgt Ion: 63 Resp: 5803
 Ion Ratio Lower Upper
 63 100
 65 38.9 22.0 40.8
 83 16.5 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 2.220 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion: 96 Resp: 3419
 Ion Ratio Lower Upper
 96 100
 61 127.7 100.9 187.5
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.193 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.01 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

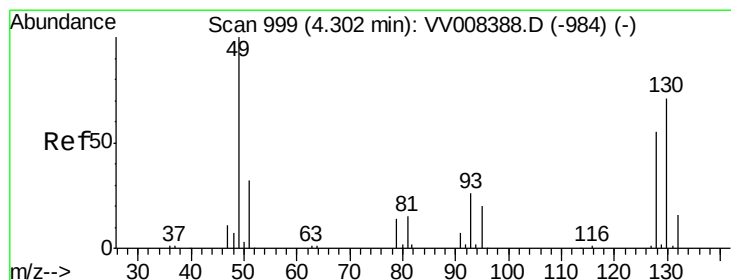
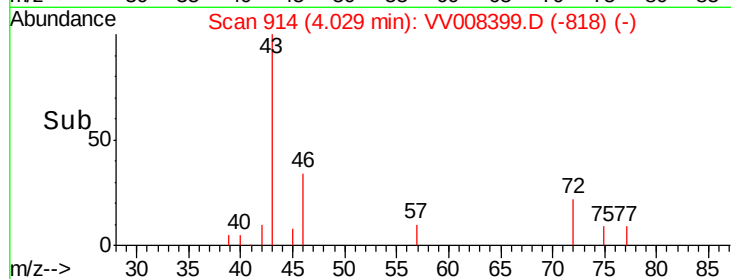
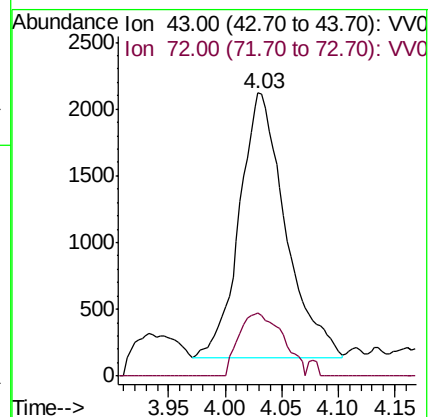
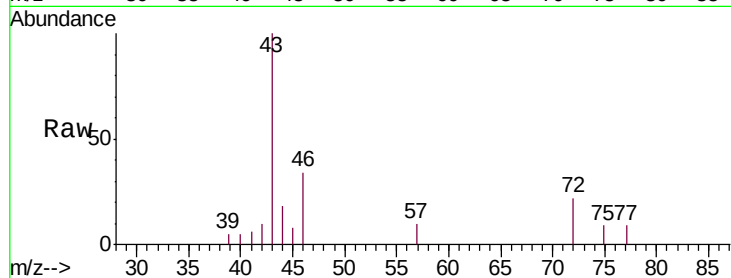
MDL01

Tgt Ion: 43 Resp: 5590

Ion Ratio Lower Upper

43 100

72 23.0 13.0 38.9



#23

Bromochloromethane

Concen: 1.203 ug/L

RT: 4.31 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Tgt Ion: 128 Resp: 874

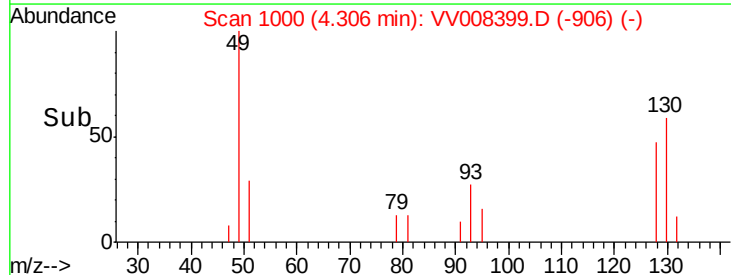
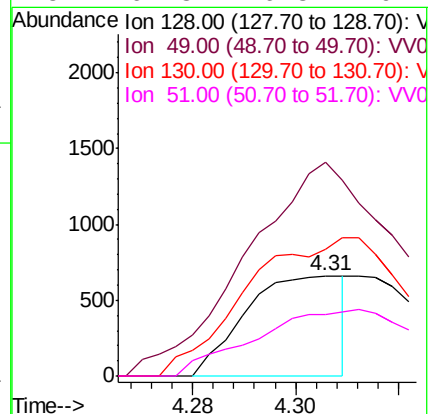
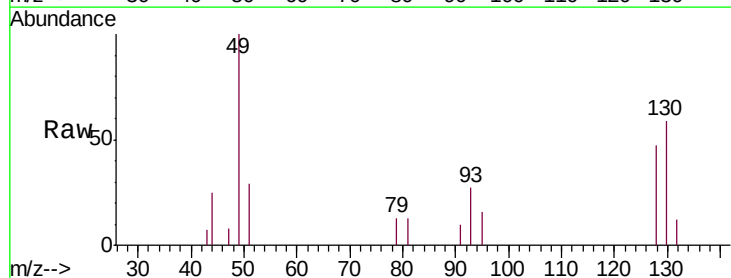
Ion Ratio Lower Upper

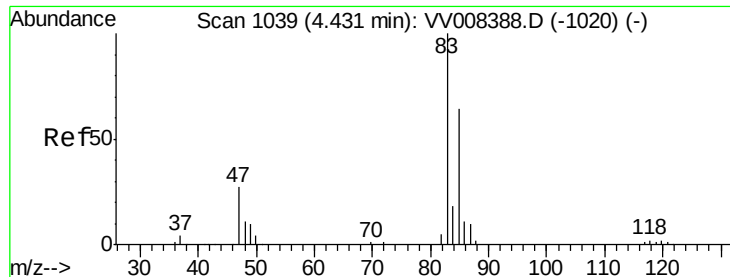
128 100

49 212.8 128.0 237.8

130 125.8 89.2 165.8

51 61.8 46.8 70.2

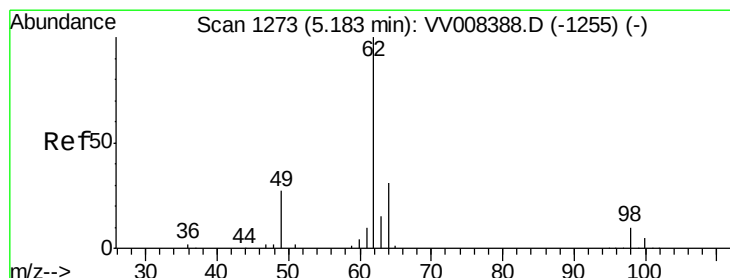
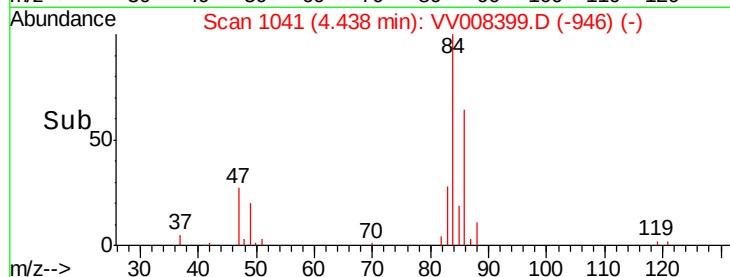
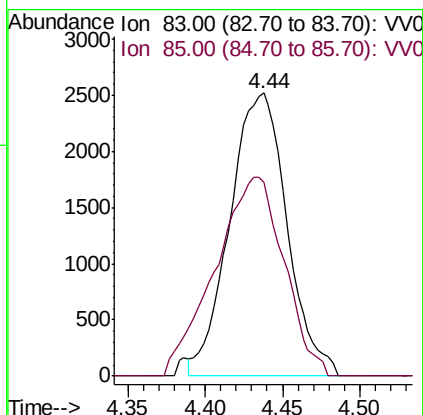
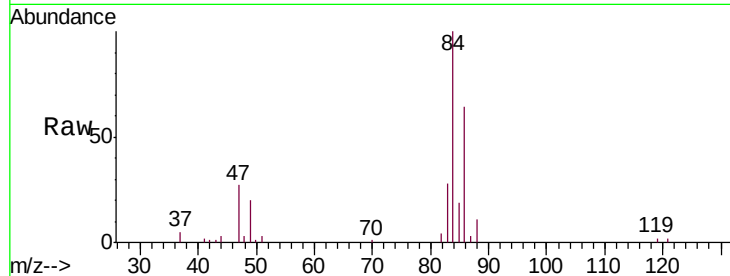




#25
Chloroform
Concen: 2.382 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

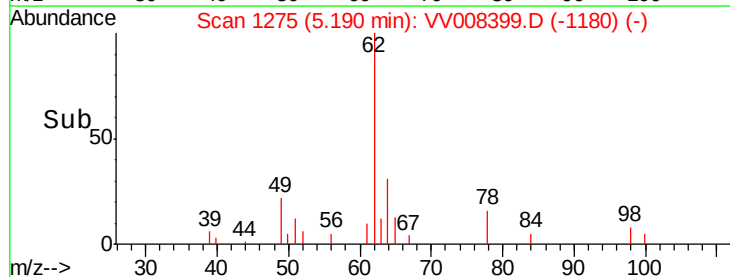
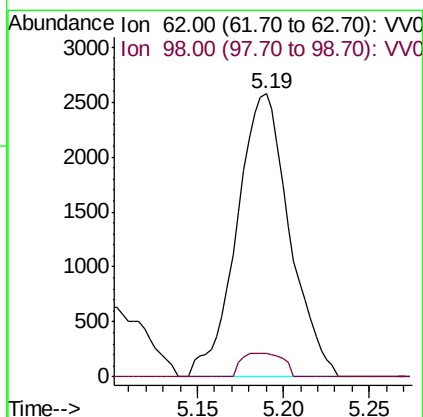
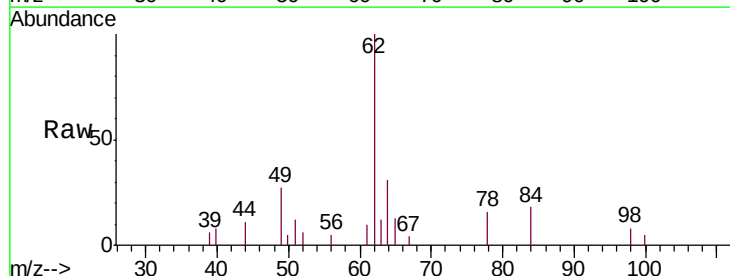
Instrument :
MSVOA_V
ClientSampleId :
MDL01

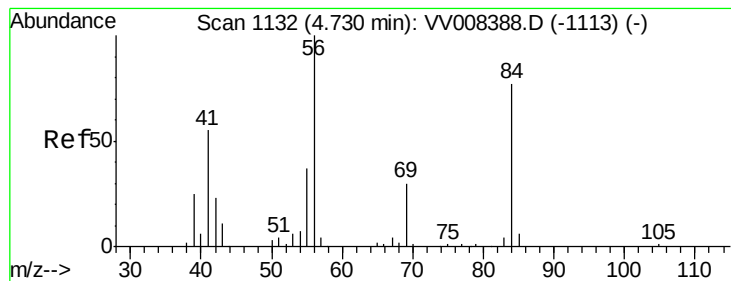
Tgt Ion: 83 Resp: 6482
Ion Ratio Lower Upper
83 100
85 68.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 2.406 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion: 62 Resp: 5469
Ion Ratio Lower Upper
62 100
98 8.2 6.6 9.8





#29

Cyclohexane

Concen: 2.179 ug/L

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

MDL01

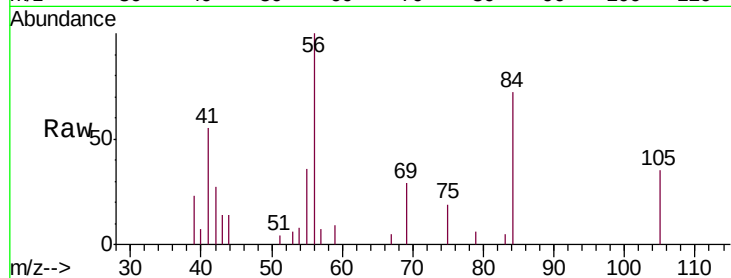
Tgt Ion: 56 Resp: 5686

Ion Ratio Lower Upper

56 100

69 31.3 24.6 37.0

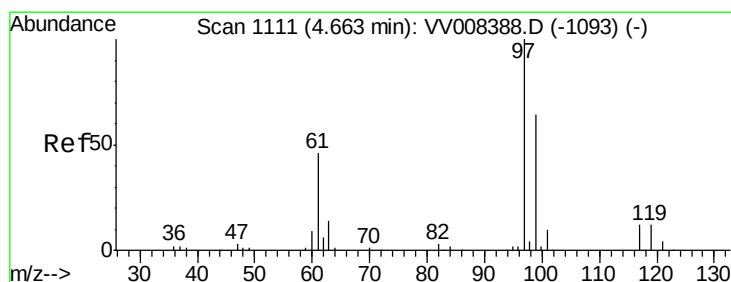
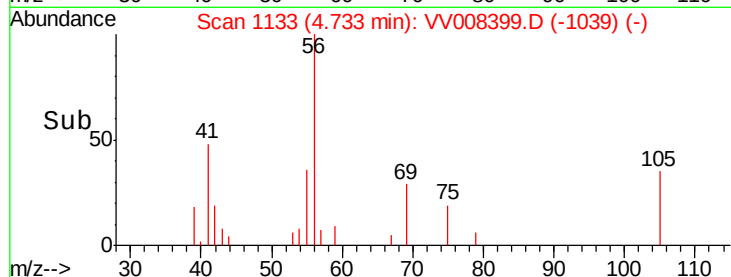
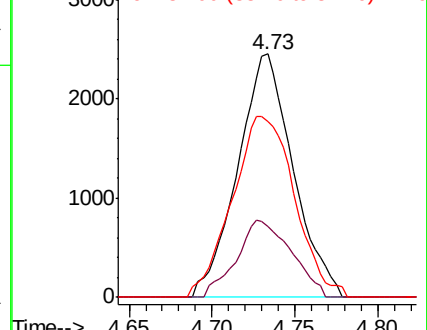
84 83.0 65.0 97.4



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



#30

1,1,1-Trichloroethane

Concen: 2.185 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

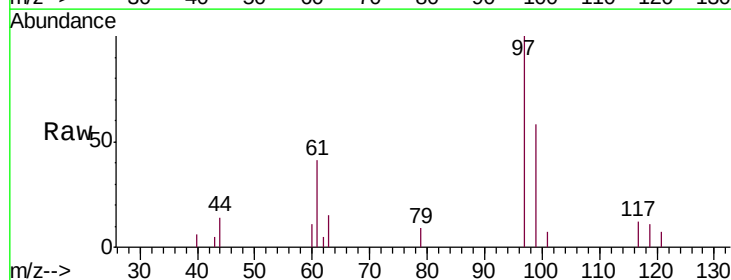
Tgt Ion: 97 Resp: 5078

Ion Ratio Lower Upper

97 100

99 61.5 51.6 77.4

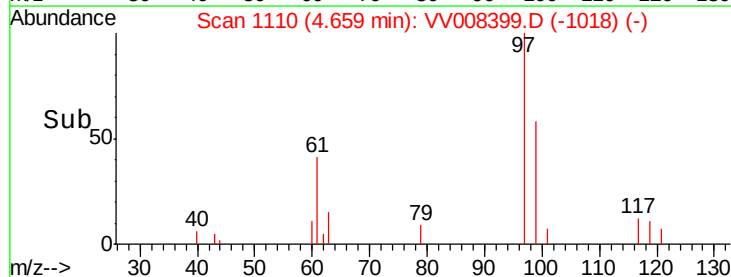
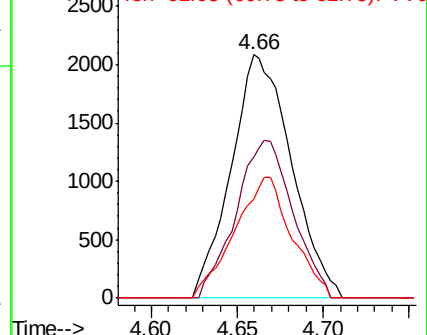
61 46.9 36.5 54.7

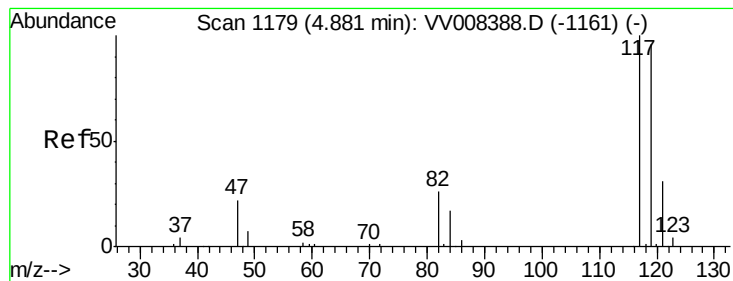


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 2.100 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

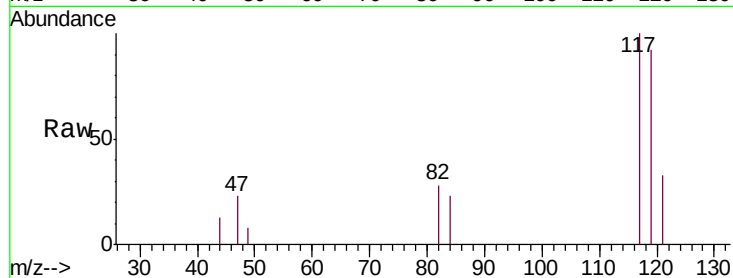
MDL01

Tgt Ion:117 Resp: 4141

Ion Ratio Lower Upper

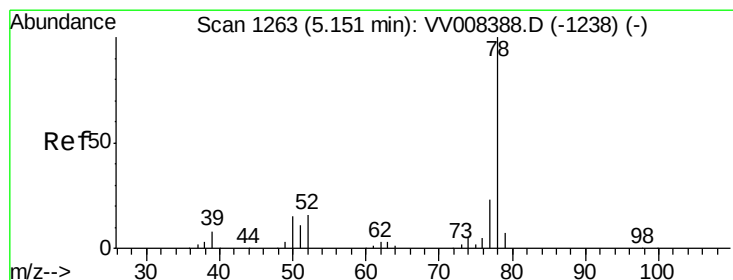
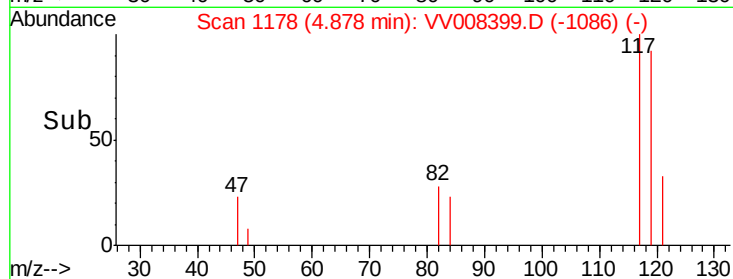
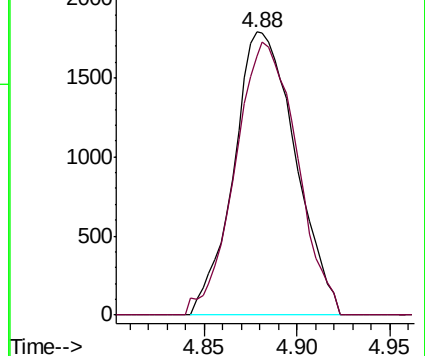
117 100

119 95.5 75.8 113.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 2.221 ug/L

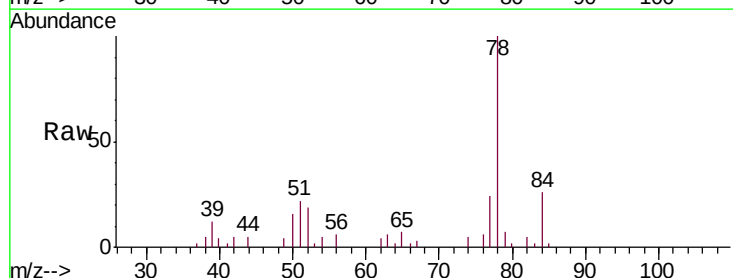
RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

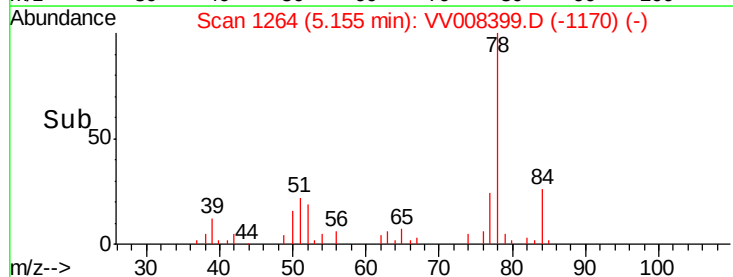
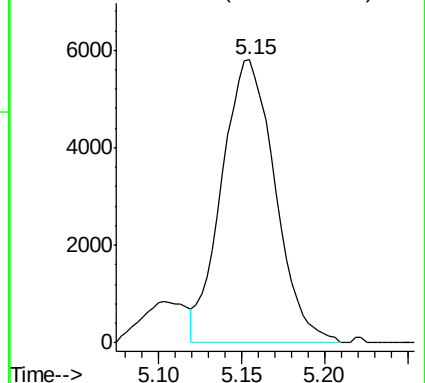
Lab File: VV008399.D

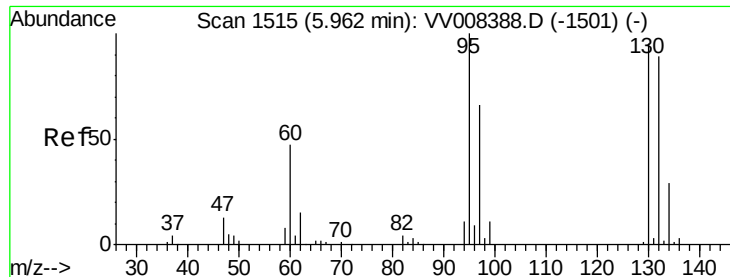
Acq: 24 Oct 2018 18:14

Tgt Ion: 78 Resp: 13009



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 2.343 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampled :

MDL01

Tgt Ion: 95 Resp: 3514

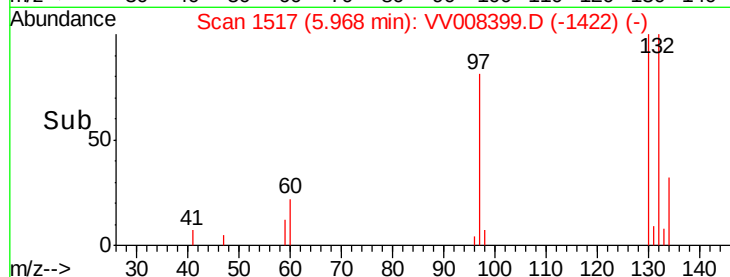
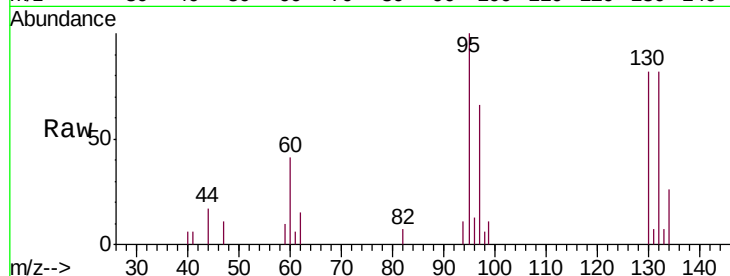
Ion Ratio Lower Upper

95 100

97 66.1 45.2 84.0

132 82.0 63.8 118.6

130 82.0 64.7 120.1

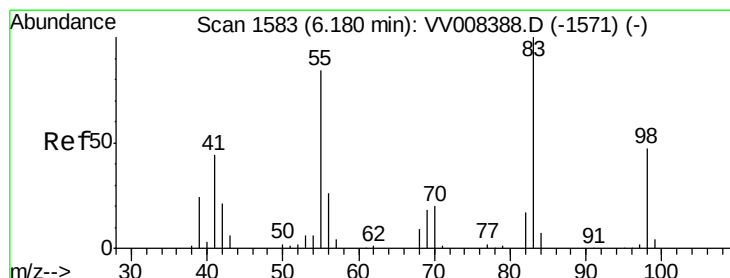
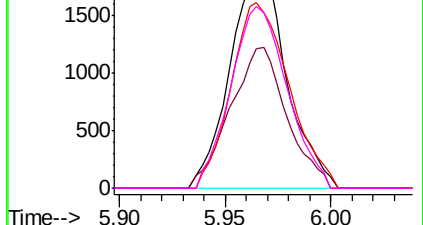


Abundance Ion 95.00 (94.70 to 95.70): VV008388.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV008388.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV008388.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV008388.D (-1501) (-)



#35

Methylcyclohexane

Concen: 2.092 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

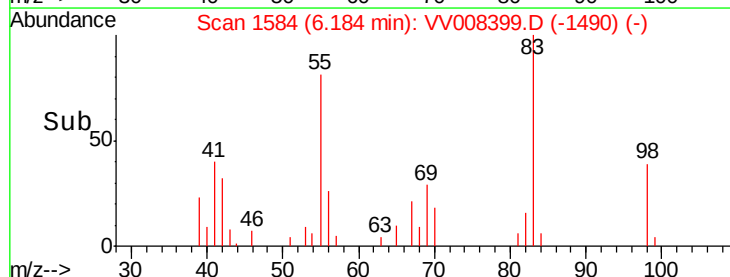
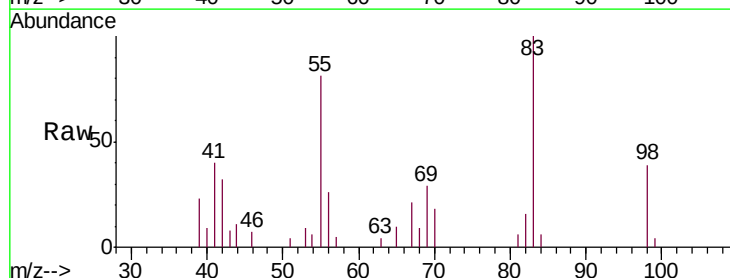
Tgt Ion: 83 Resp: 5334

Ion Ratio Lower Upper

83 100

55 85.6 65.0 97.4

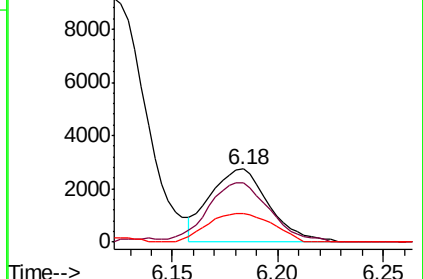
98 43.7 36.0 54.0

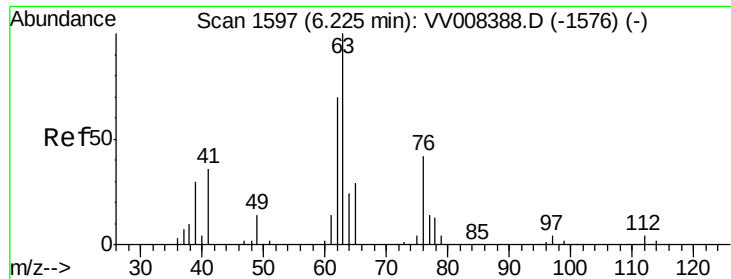


Abundance Ion 83.00 (82.70 to 83.70): VV008388.D (-1571) (-)

Ion 55.00 (54.70 to 55.70): VV008388.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VV008388.D (-1571) (-)

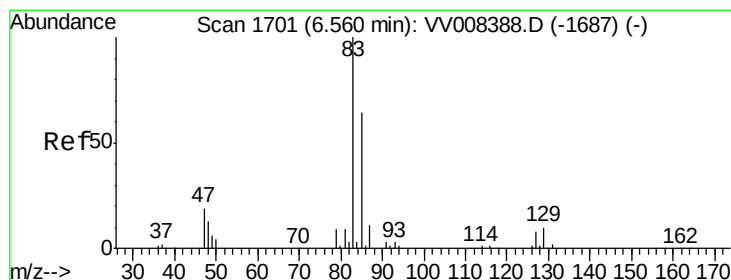
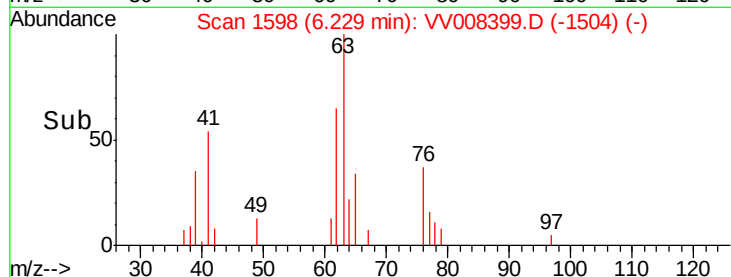
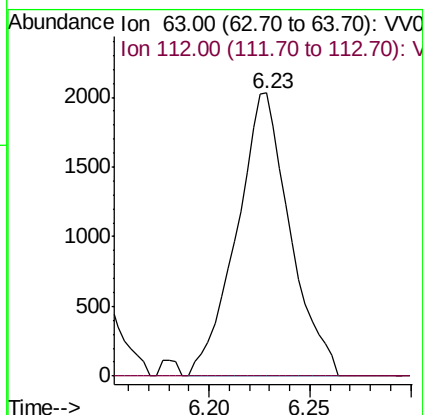
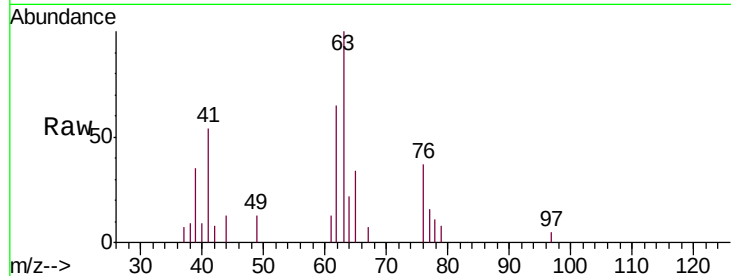




#37
 1,2-Dichloropropane
 Concen: 2.320 ug/L
 RT: 6.23 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

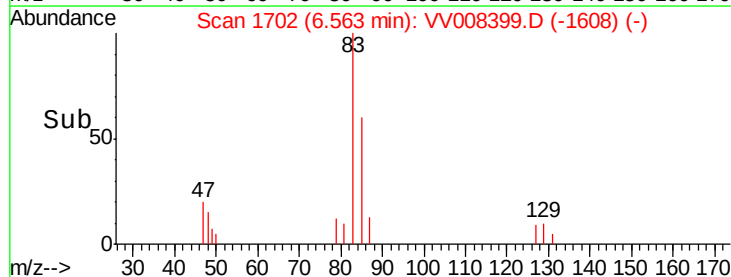
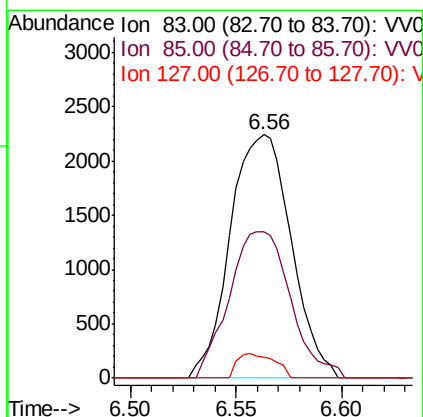
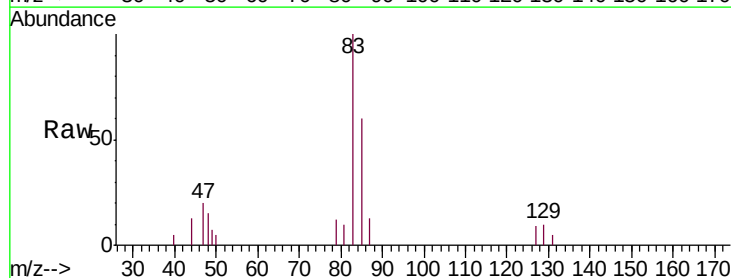
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

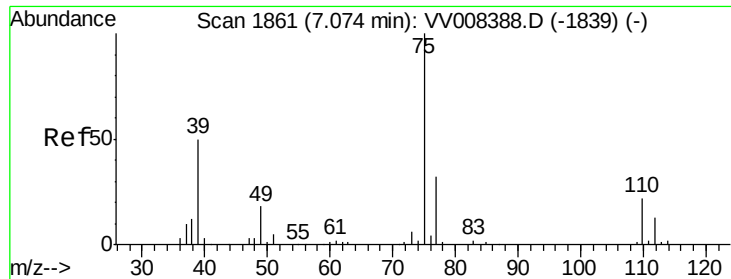
Tgt Ion: 63 Resp: 3753
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#38
 Bromodichloromethane
 Concen: 2.185 ug/L
 RT: 6.56 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion: 83 Resp: 4504
 Ion Ratio Lower Upper
 83 100
 85 59.9 44.3 82.3
 127 8.8 6.3 9.5

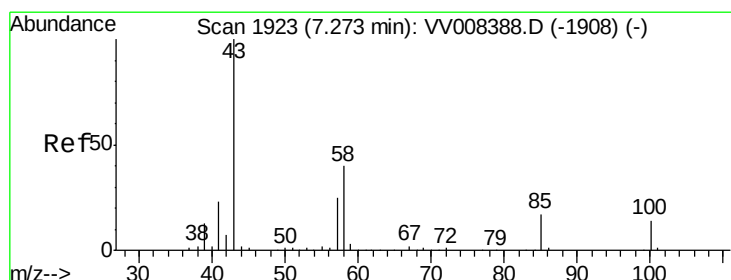
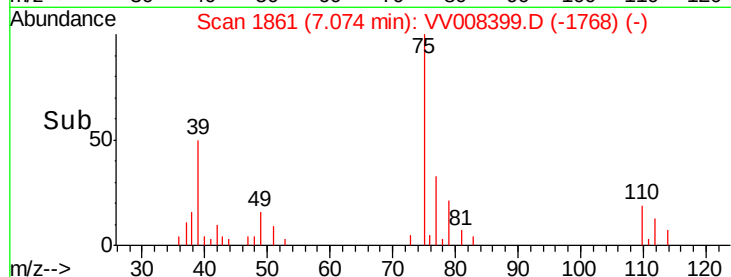
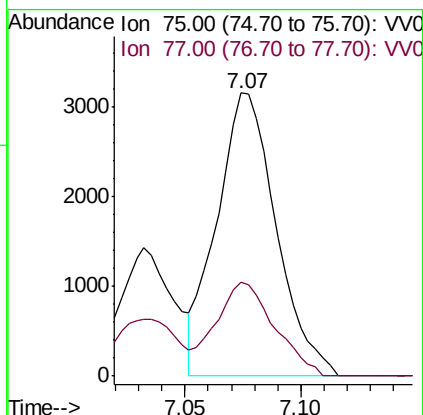
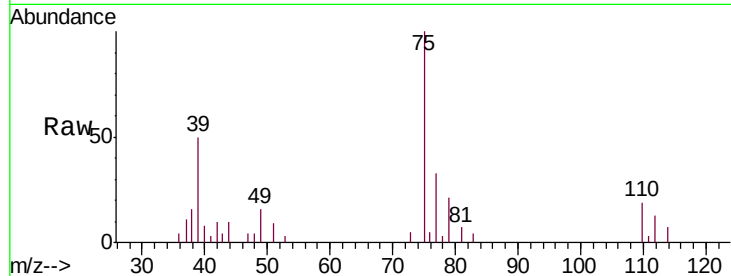




#39
 cis-1,3-Dichloropropene
 Concen: 2.213 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

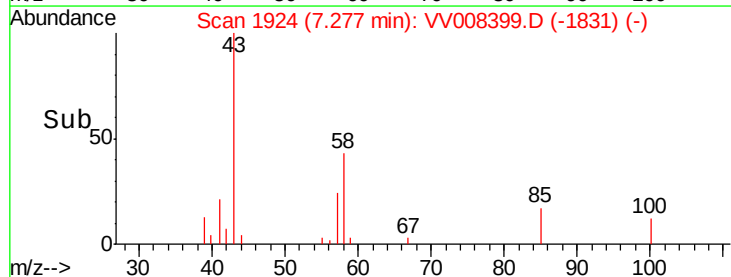
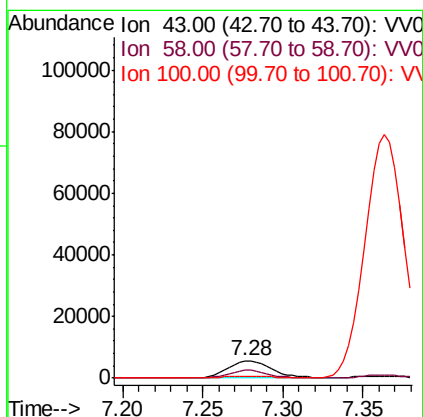
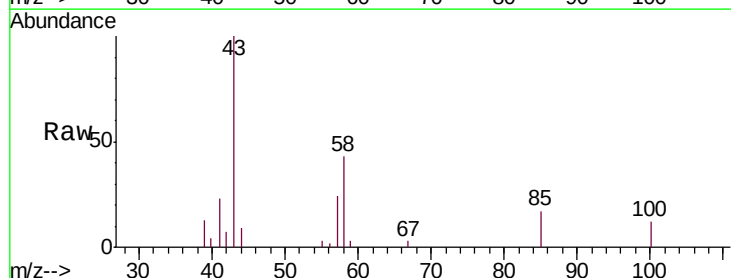
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

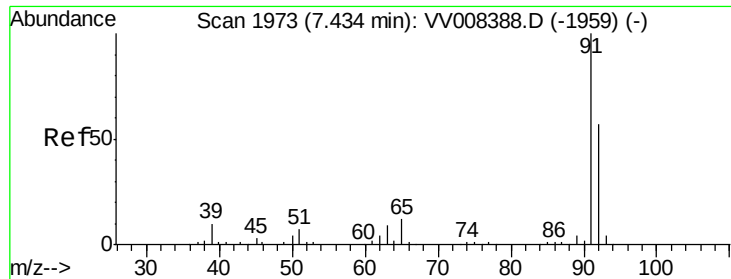
Tgt Ion: 75 Resp: 5629
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 4.500 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion: 43 Resp: 10780
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.9 46.3
 100 12.9 10.9 16.3





#42

Toluene

Concen: 2.325 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampled :

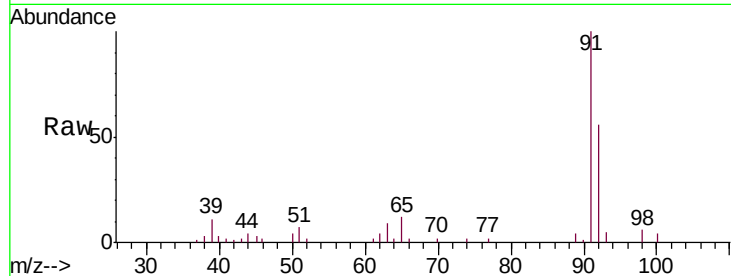
MDL01

Tgt Ion: 91 Resp: 14147

Ion Ratio Lower Upper

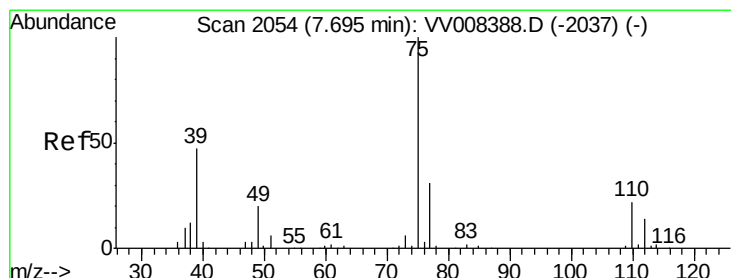
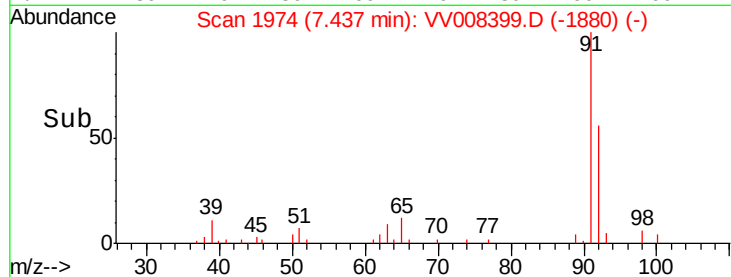
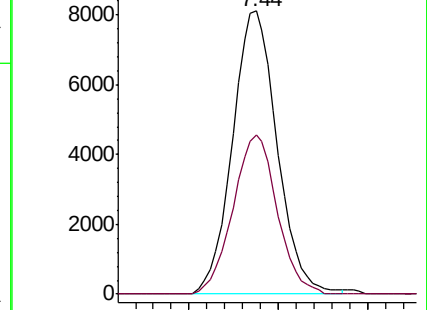
91 100

92 56.0 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VV008388.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV008388.D (-1959) (-)



#44

trans-1,3-Dichloropropene

Concen: 2.258 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV008399.D

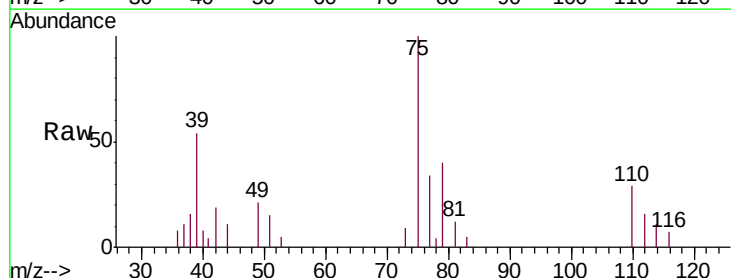
Acq: 24 Oct 2018 18:14

Tgt Ion: 75 Resp: 5372

Ion Ratio Lower Upper

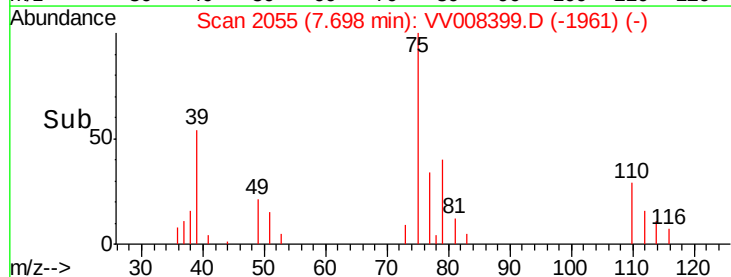
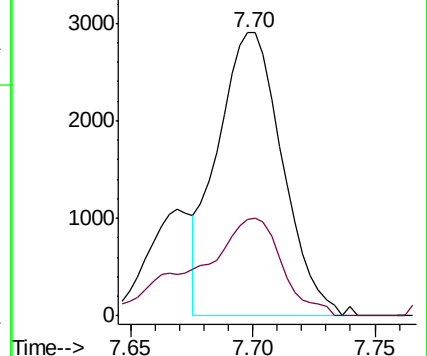
75 100

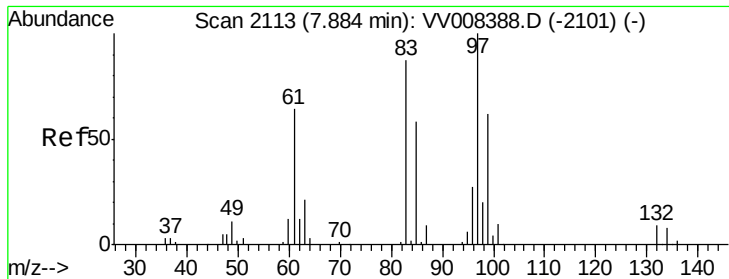
77 34.1 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008388.D (-2037) (-)

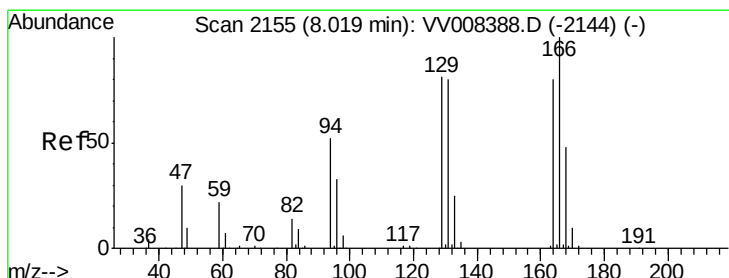
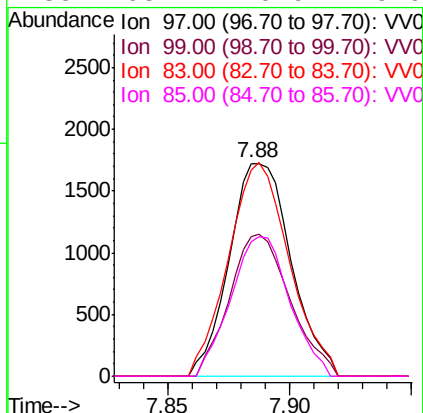
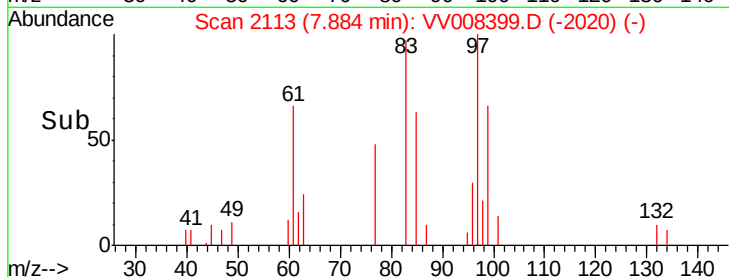
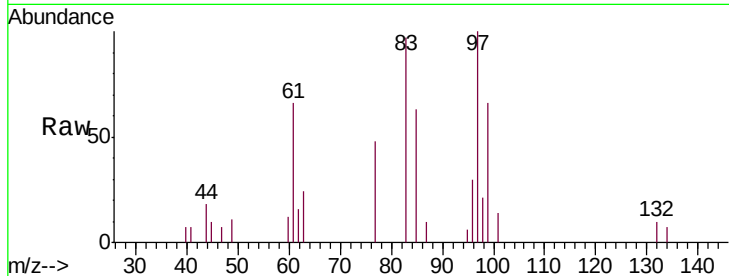




#45
1,1,2-Trichloroethane
Concen: 2.123 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

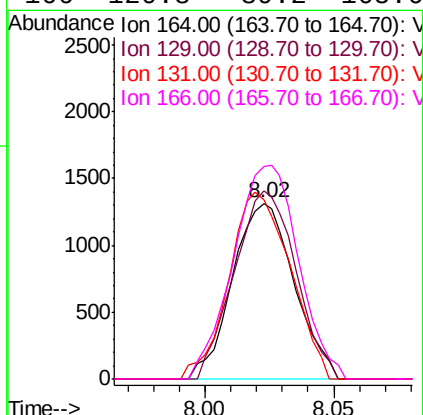
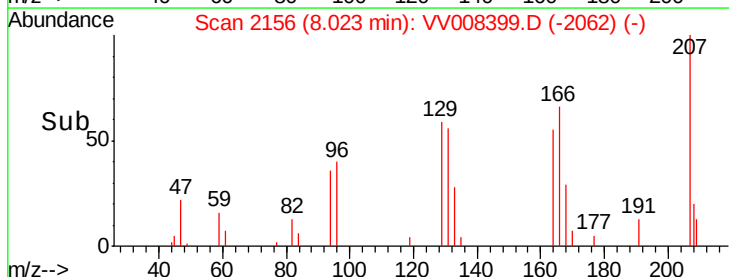
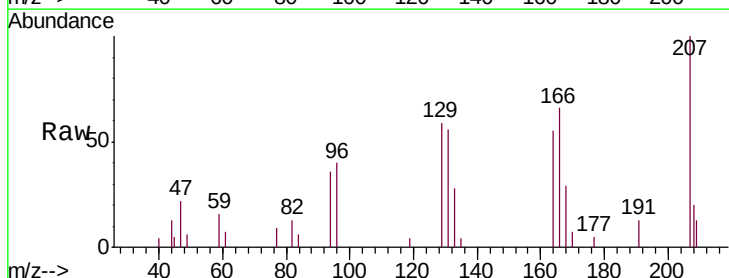
Instrument :
MSVOA_V
ClientSampled :
MDL01

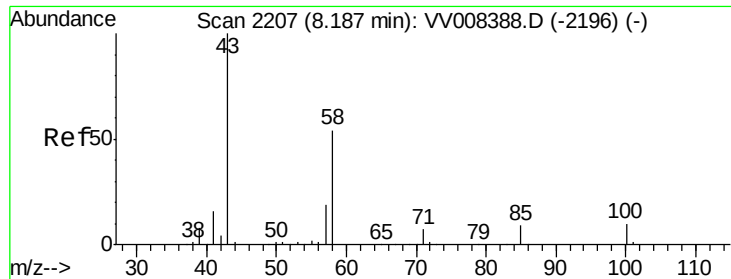
Tgt Ion:	97	Resp:	3037
Ion	Ratio	Lower	Upper
97	100		
99	66.0	43.3	80.3
83	97.2	61.9	114.9
85	63.1	40.9	75.9



#46
Tetrachloroethene
Concen: 2.245 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion:	164	Resp:	2195
Ion	Ratio	Lower	Upper
164	100		
129	107.2	75.0	139.2
131	102.0	71.3	132.3
166	120.8	89.2	165.6

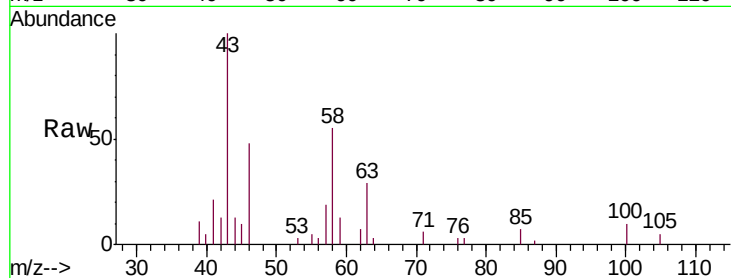




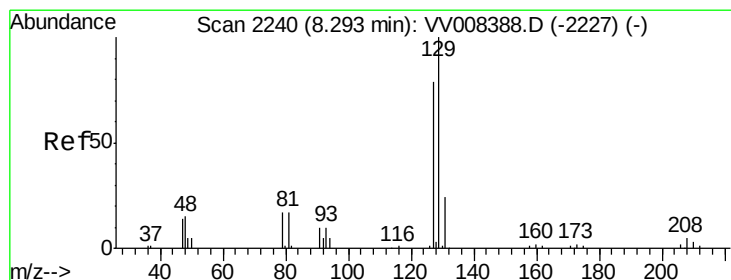
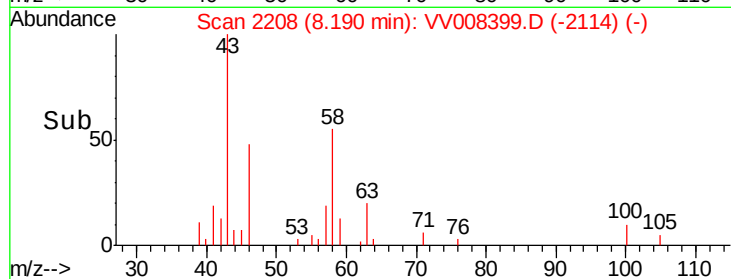
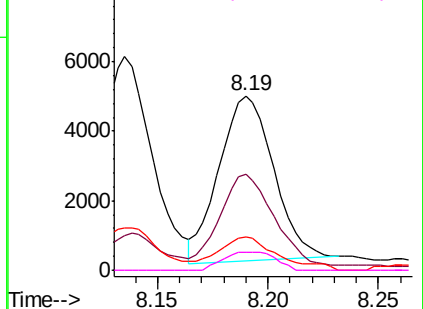
#48
2-Hexanone
Concen: 4.420 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:	43	Resp:	8171
Ion	Ratio	Lower	Upper
43	100		
58	63.6	42.6	63.8
57	15.5	14.8	22.2
100	10.5	8.5	12.7

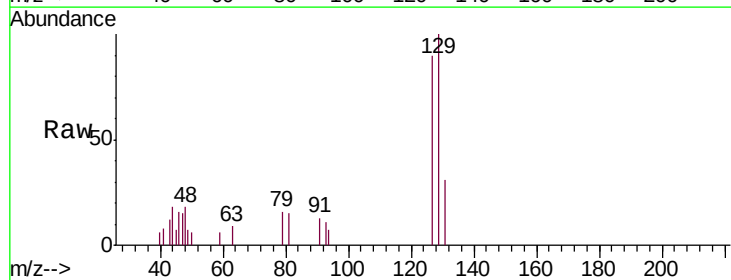


Abundance Ion 43.00 (42.70 to 43.70): VV008388.D (-2196) (-)
Ion 58.00 (57.70 to 58.70): VV008388.D (-2196) (-)
Ion 57.00 (56.70 to 57.70): VV008388.D (-2196) (-)
Ion 100.00 (99.70 to 100.70): VV008388.D (-2196) (-)

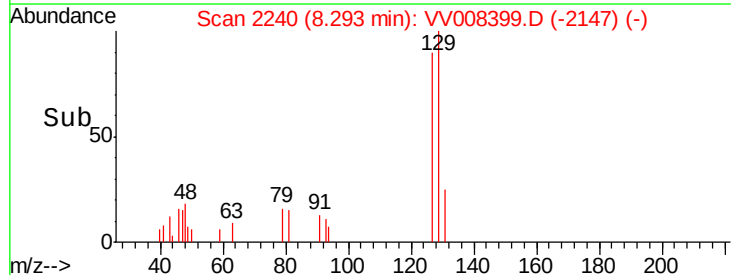
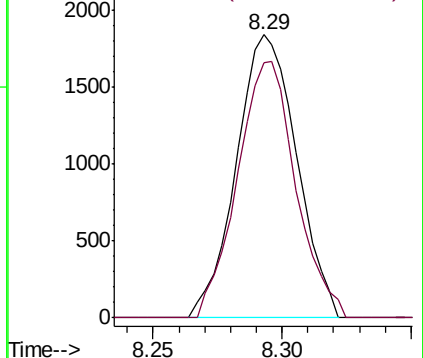


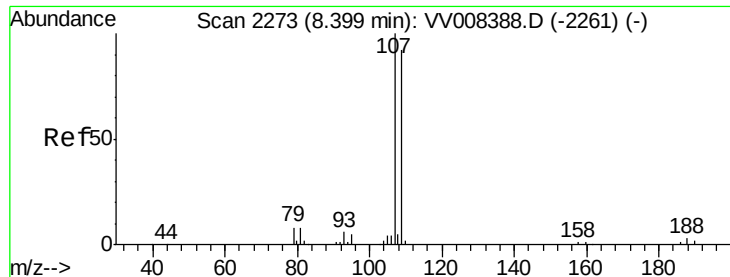
#49
Dibromochloromethane
Concen: 1.950 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion:	129	Resp:	2997
Ion	Ratio	Lower	Upper
129	100		
127	90.0	54.9	101.9



Abundance Ion 129.00 (128.70 to 129.70): VV008388.D (-2227) (-)
Ion 127.00 (126.70 to 127.70): VV008388.D (-2227) (-)

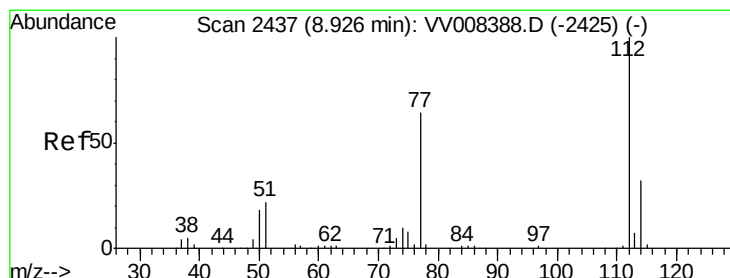
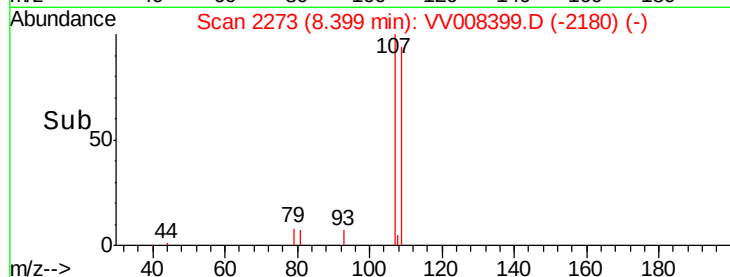
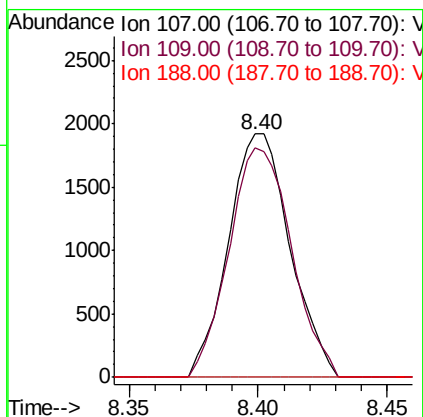
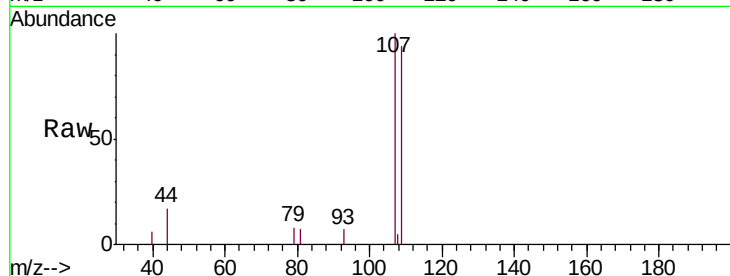




#50
1,2-Dibromoethane
Concen: 2.127 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

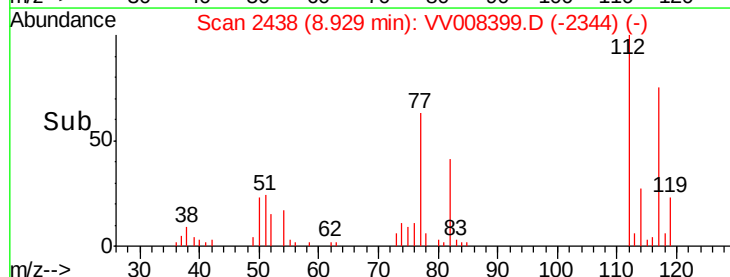
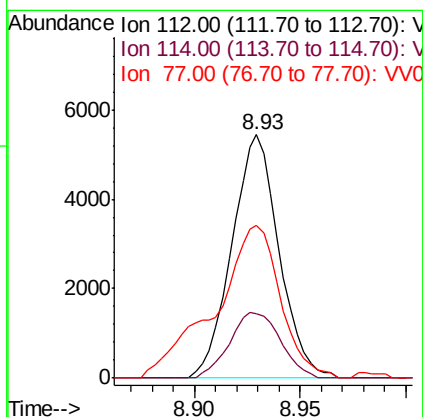
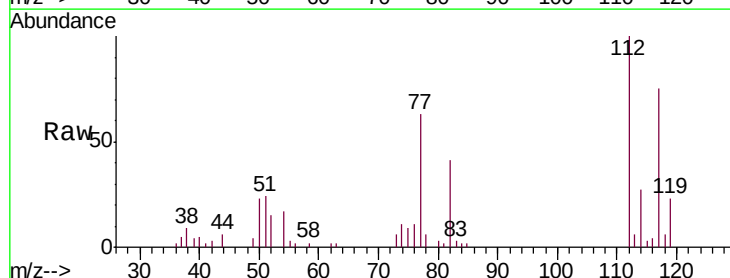
Instrument :
MSVOA_V
ClientSampleId :
MDL01

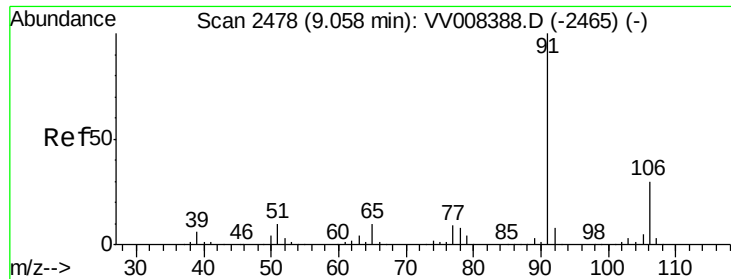
Tgt Ion:107 Resp: 3191
Ion Ratio Lower Upper
107 100
109 94.3 65.2 121.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 2.250 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008399.D
Acq: 24 Oct 2018 18:14

Tgt Ion:112 Resp: 8430
Ion Ratio Lower Upper
112 100
114 26.5 22.5 41.7
77 62.9 52.0 78.0





#52

Ethylbenzene

Concen: 2.181 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

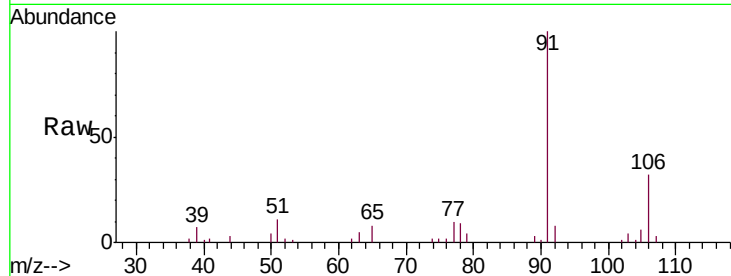
MDL01

Tgt Ion: 91 Resp: 14866

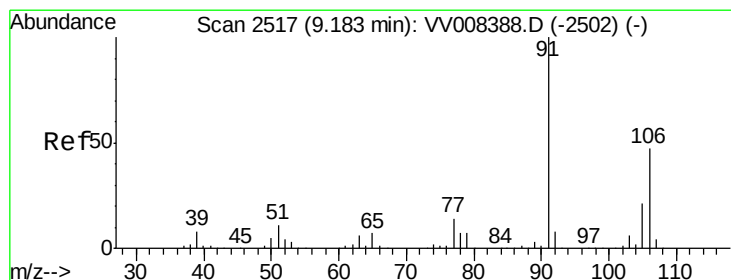
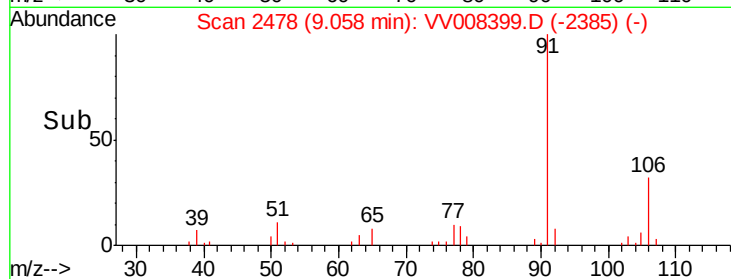
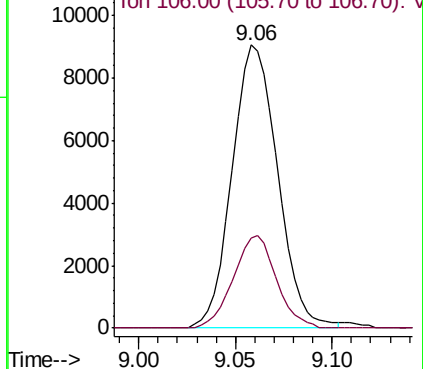
Ion Ratio Lower Upper

91 100

106 31.9 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV008388.D (-2465) (-)



#53

m,p-Xylene

Concen: 2.116 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV008399.D

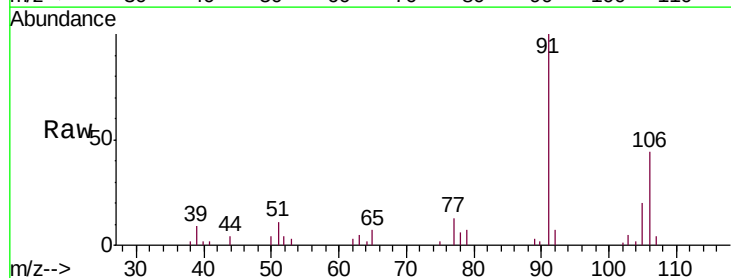
Acq: 24 Oct 2018 18:14

Tgt Ion: 106 Resp: 5270

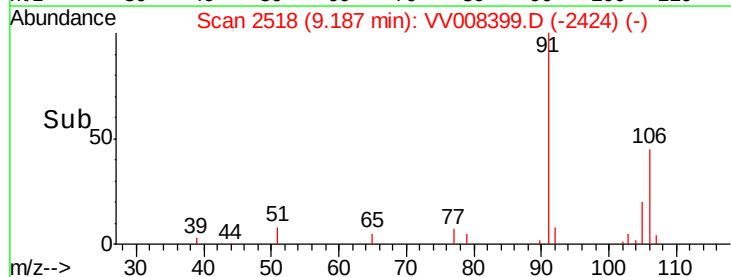
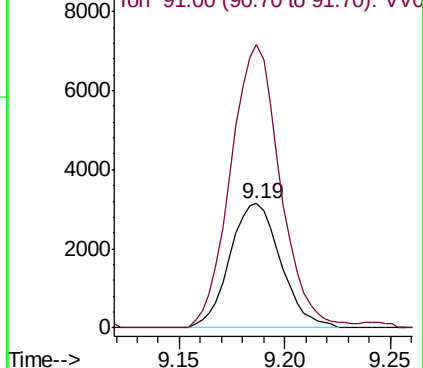
Ion Ratio Lower Upper

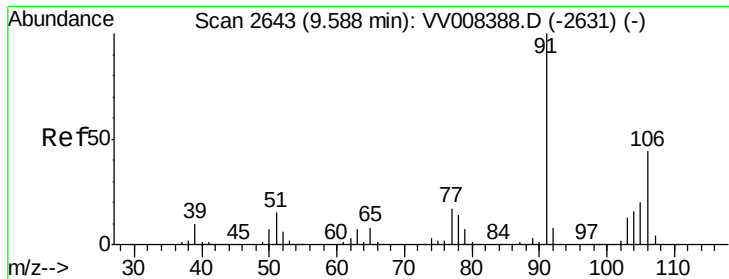
106 100

91 227.8 150.0 278.6



Abundance Ion 106.00 (105.70 to 106.70): VV008399.D (-2424) (-)





#54

o-xylene

Concen: 2.263 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

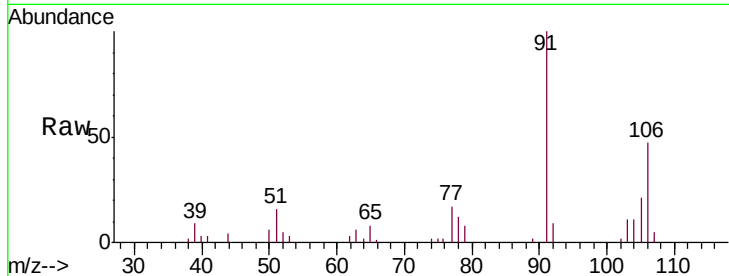
Instrument :
MSVOA_V
ClientSampled :
MDL01

Tgt Ion:106 Resp: 5628

Ion Ratio Lower Upper

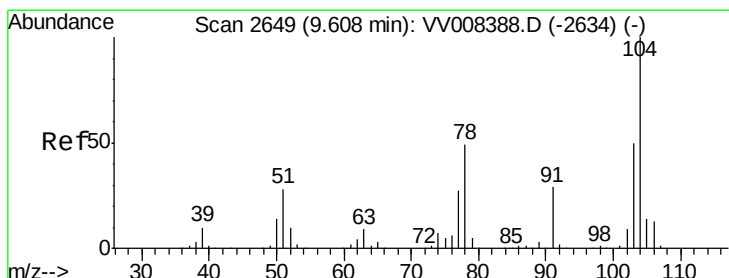
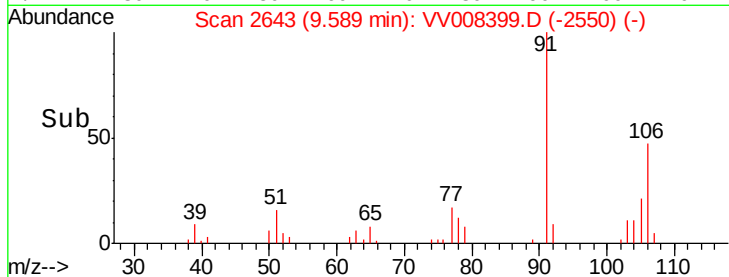
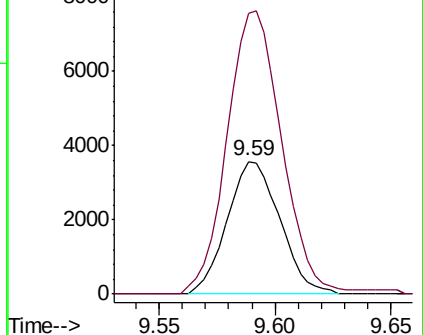
106 100

91 211.4 158.7 294.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 2.143 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. -0.00 min

Lab File: VV008399.D

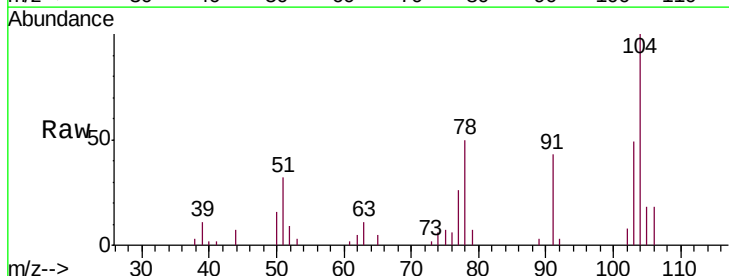
Acq: 24 Oct 2018 18:14

Tgt Ion:104 Resp: 8977

Ion Ratio Lower Upper

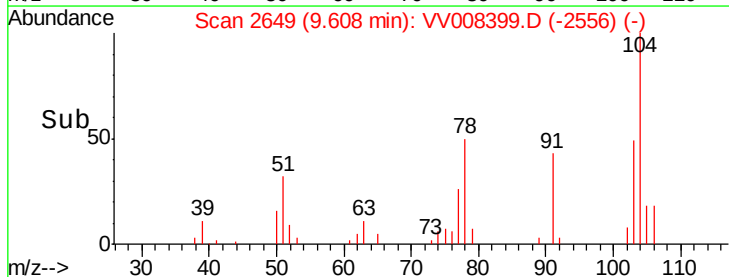
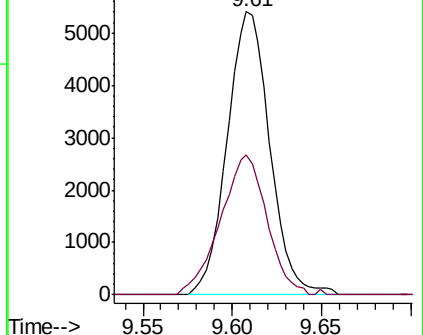
104 100

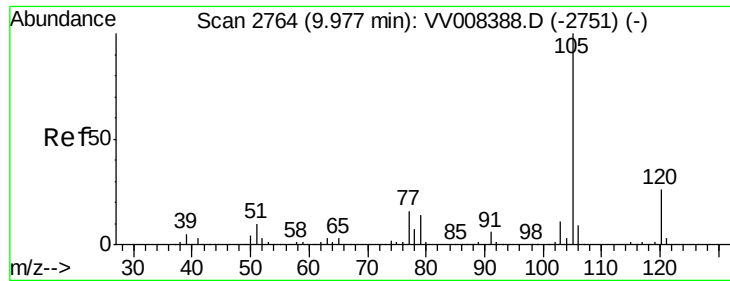
78 49.7 34.4 64.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 2.084 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampled :

MDL01

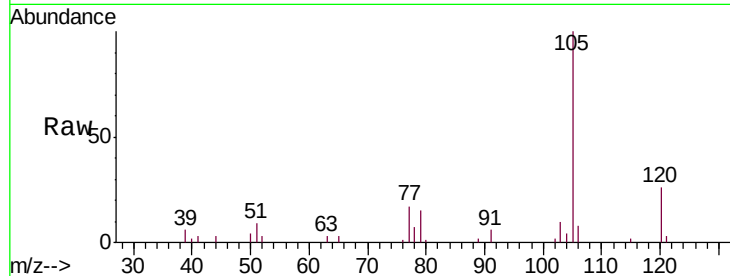
Tgt Ion:105 Resp: 13560

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

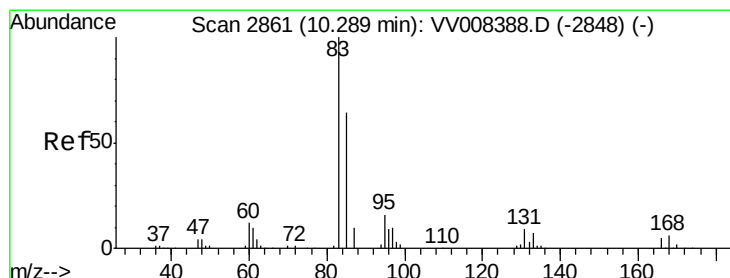
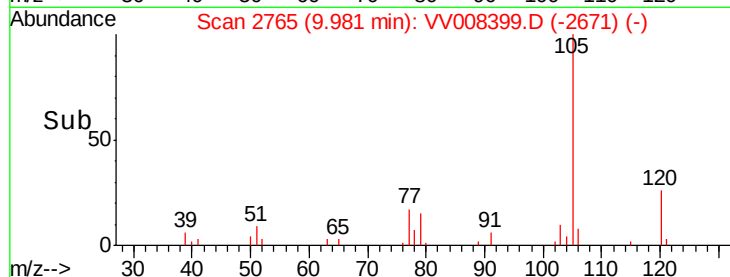
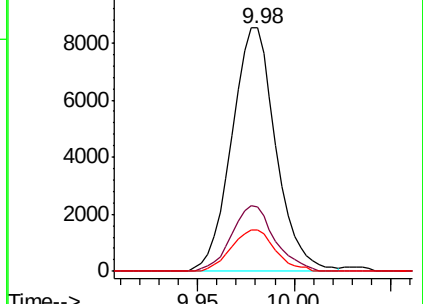
77 17.0 13.5 20.3



Abundance Ion 105.00 (104.70 to 105.70): VV008388.D (-2751) (-)

Ion 120.00 (119.70 to 120.70): VV008388.D (-2751) (-)

Ion 77.00 (76.70 to 77.70): VV008388.D (-2751) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 2.336 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

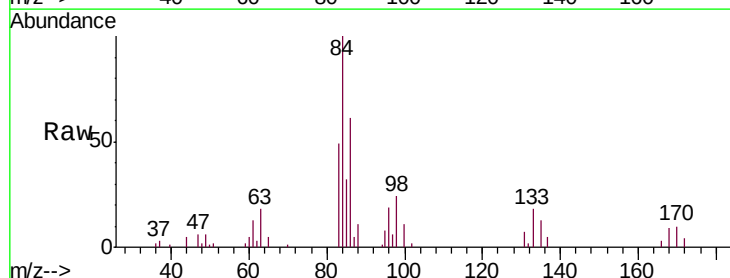
Tgt Ion: 83 Resp: 5852

Ion Ratio Lower Upper

83 100

85 65.9 45.8 85.2

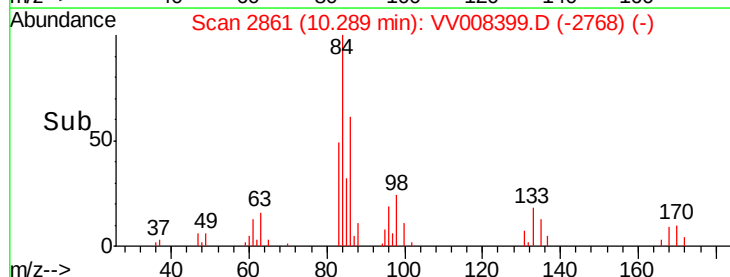
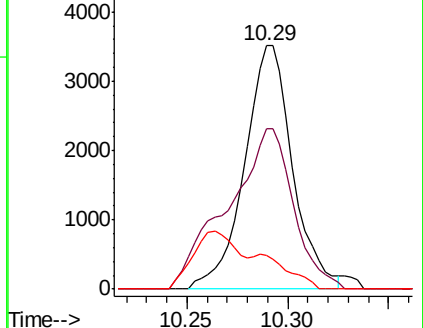
131 13.7 7.3 10.9#

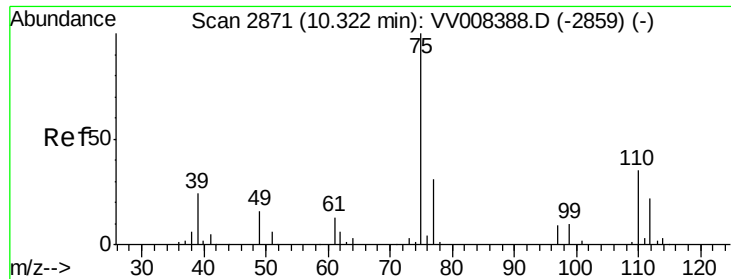


Abundance Ion 83.00 (82.70 to 83.70): VV008388.D (-2848) (-)

Ion 85.00 (84.70 to 85.70): VV008388.D (-2848) (-)

Ion 131.00 (130.70 to 131.70): VV008388.D (-2848) (-)

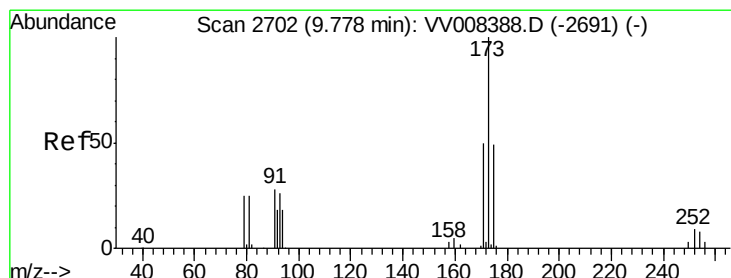
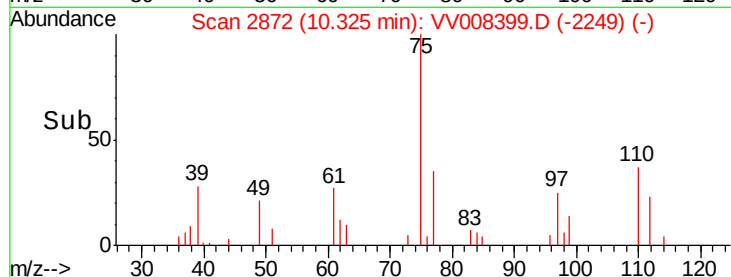
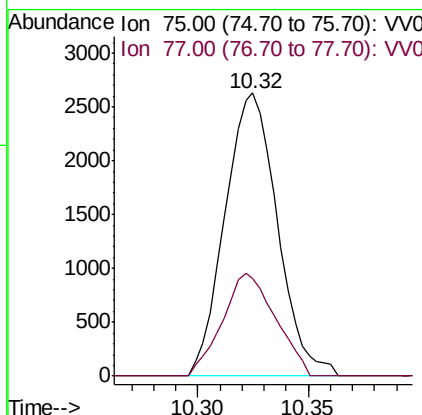
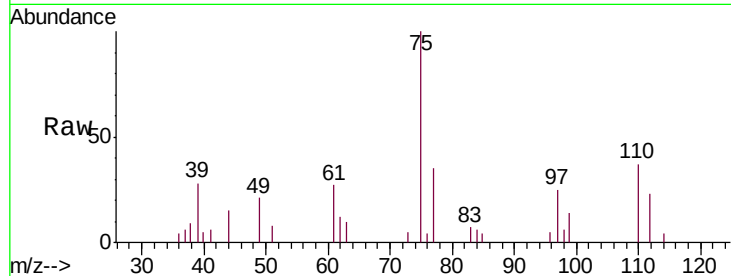




#59
 1,2,3-Trichloropropane
 Concen: 2.138 ug/L
 RT: 10.32 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

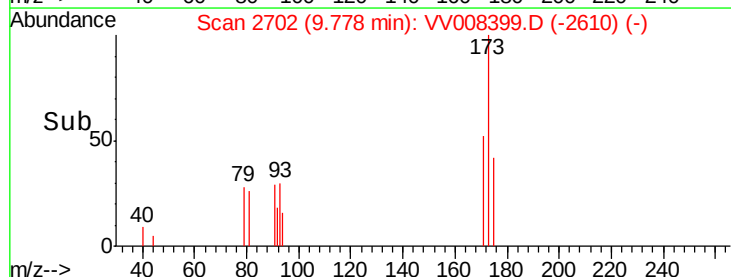
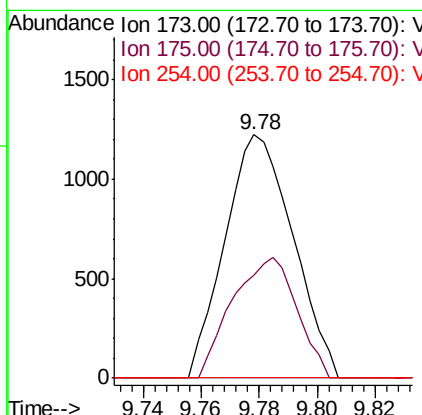
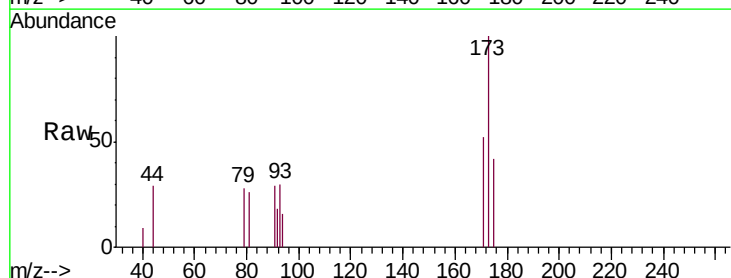
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

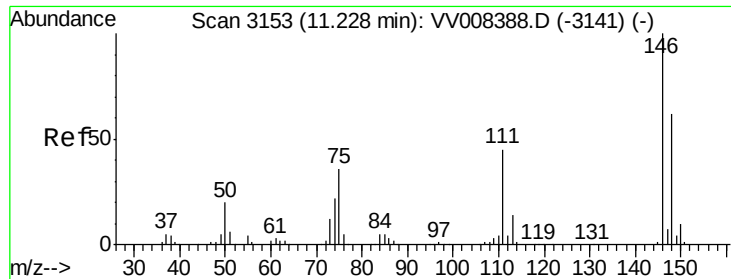
Tgt Ion: 75 Resp: 4334
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.8



#61
 Bromoform
 Concen: 2.089 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. -0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion: 173 Resp: 1988
 Ion Ratio Lower Upper
 173 100
 175 47.0 38.6 57.8
 254 0.0 5.9 8.9#

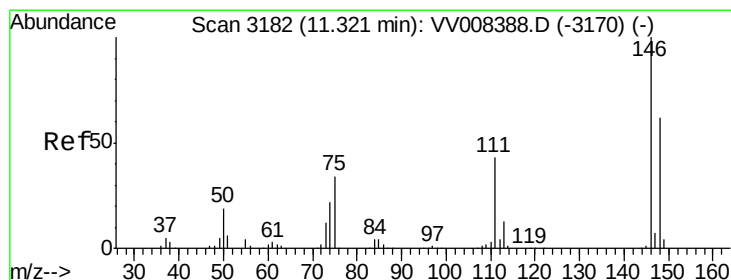
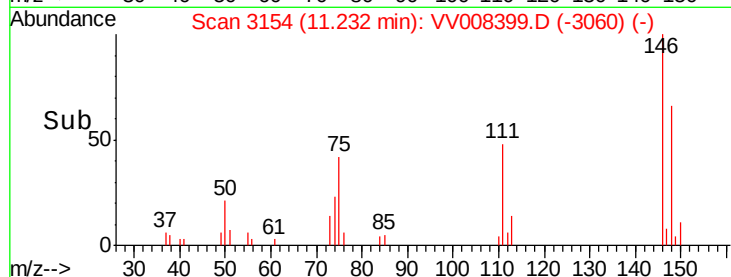
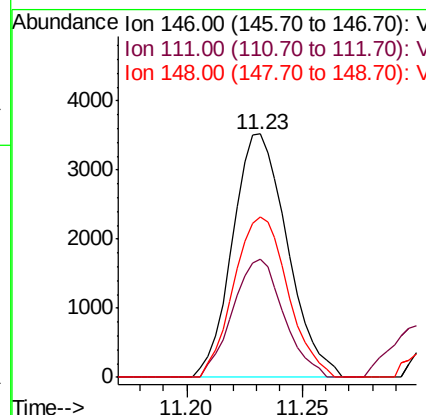
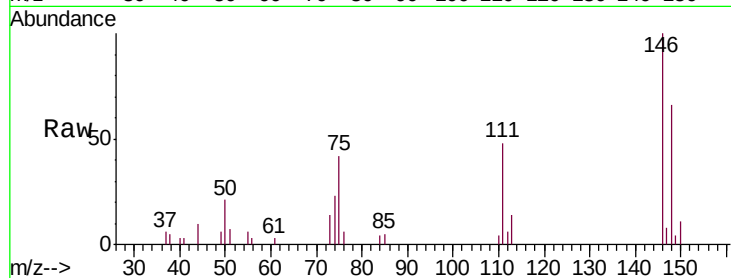




#62
 1,3-Dichlorobenzene
 Concen: 2.318 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

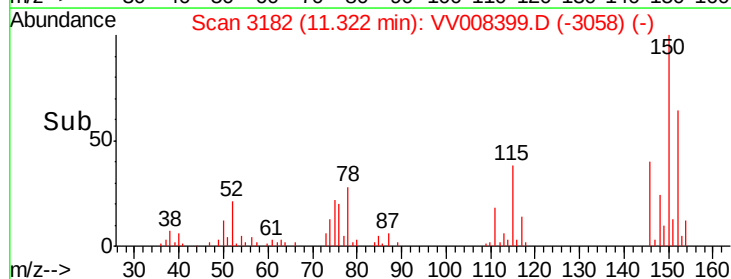
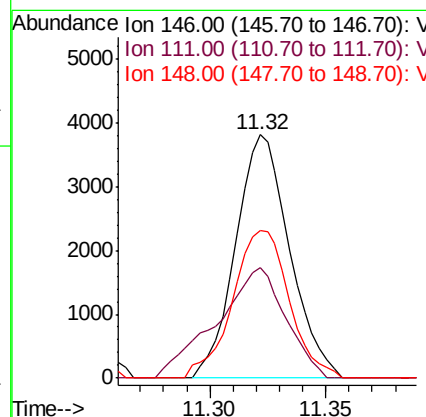
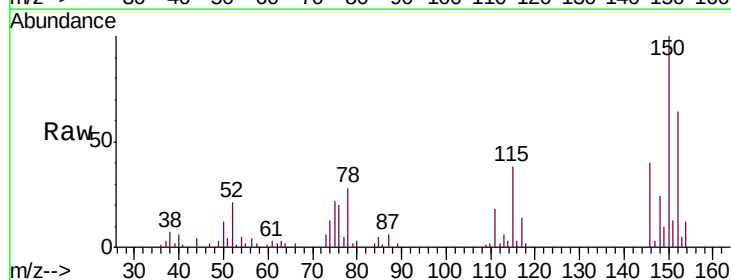
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

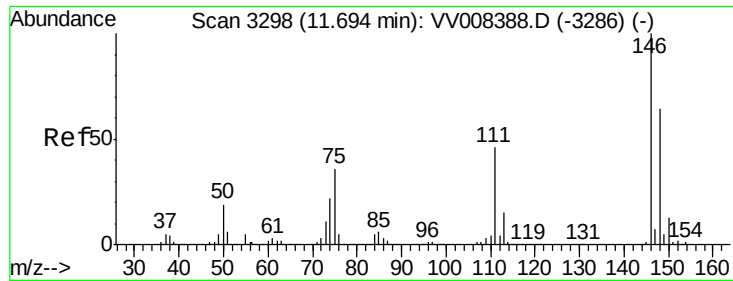
Tgt Ion:146 Resp: 5780
 Ion Ratio Lower Upper
 146 100
 111 48.5 30.9 57.3
 148 65.9 44.1 81.9



#63
 1,4-Dichlorobenzene
 Concen: 2.465 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion:146 Resp: 6159
 Ion Ratio Lower Upper
 146 100
 111 45.3 29.8 55.4
 148 60.6 44.4 82.5





#65

1,2-Dichlorobenzene

Concen: 2.294 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

MDL01

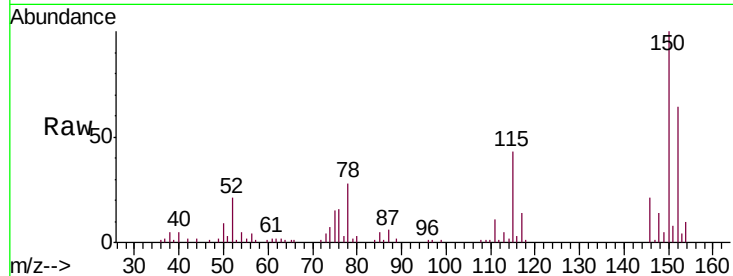
Tgt Ion:146 Resp: 5832

Ion Ratio Lower Upper

146 100

111 51.1 36.2 54.2

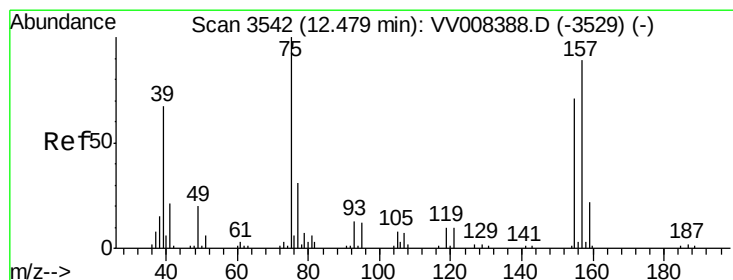
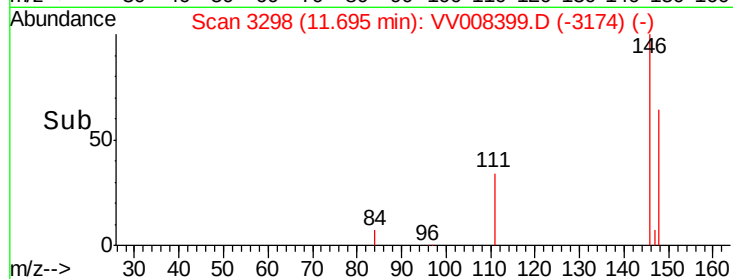
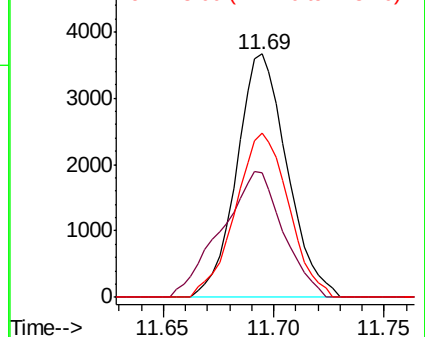
148 67.2 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 2.093 ug/L

RT: 12.48 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

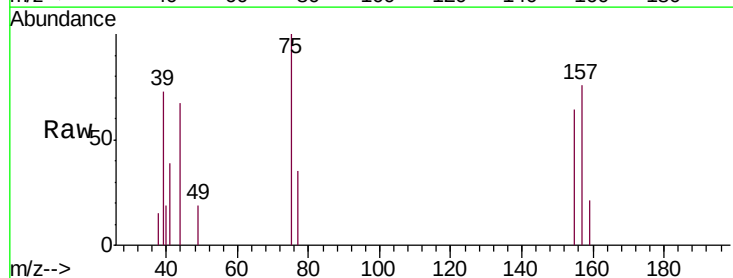
Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

75 100

155 64.1 55.4 83.0

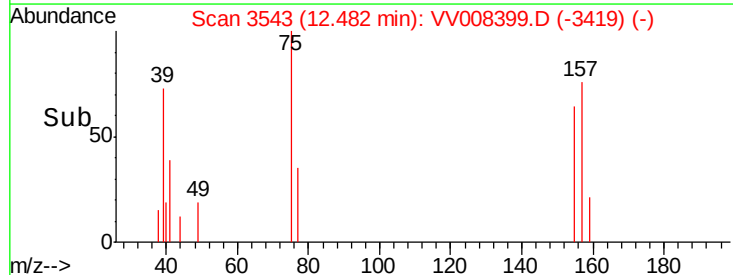
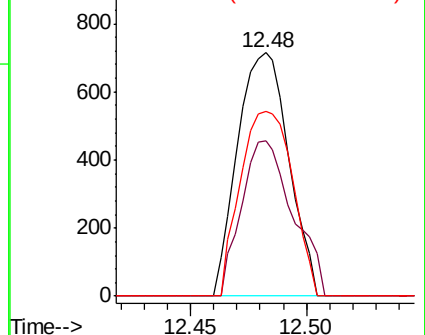
157 75.8 72.8 109.2

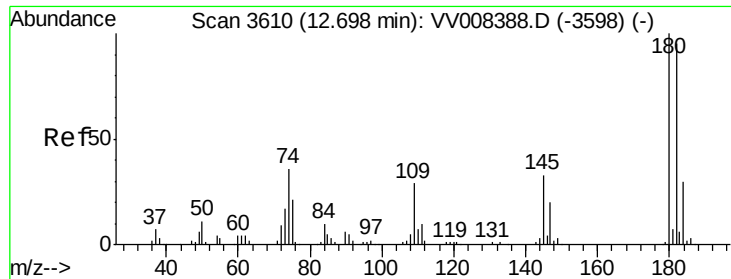


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

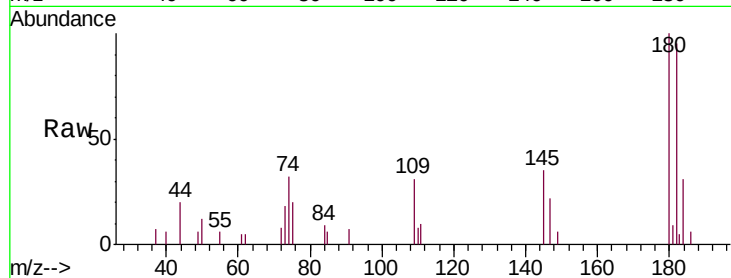




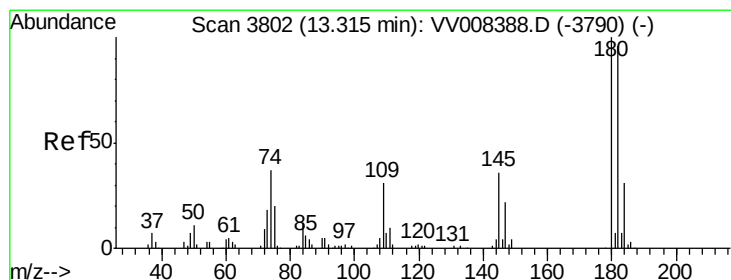
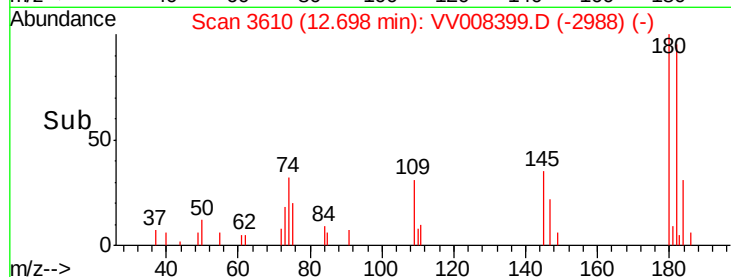
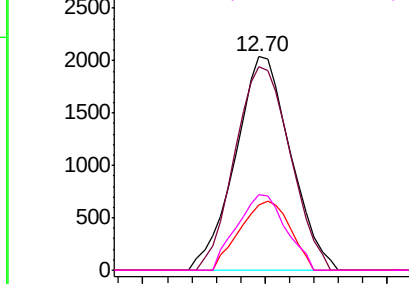
#67
 1,3,5-Trichlorobenzene
 Concen: 1.969 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tgt Ion:180 Resp: 3205
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 184 29.3 24.1 36.1
 145 31.4 26.8 40.2

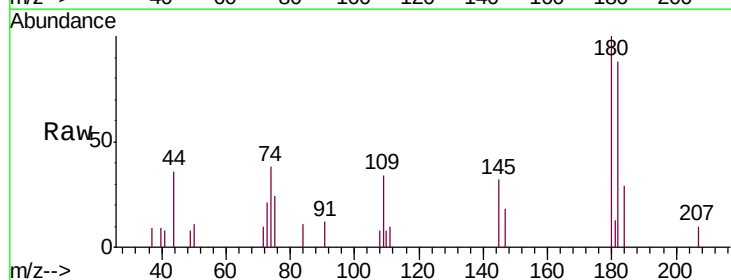


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

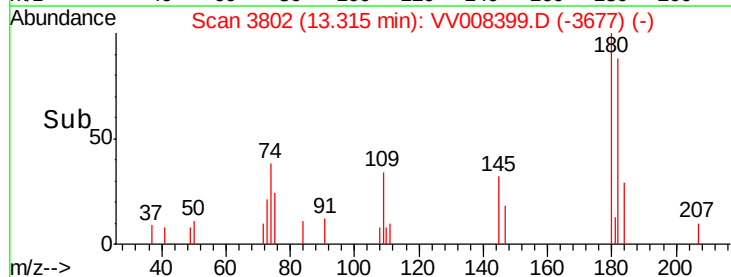
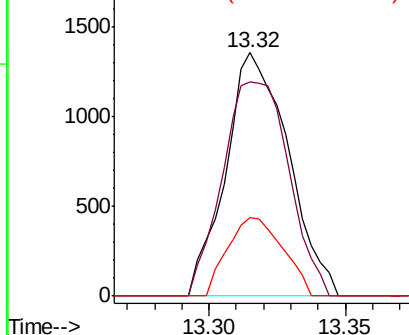


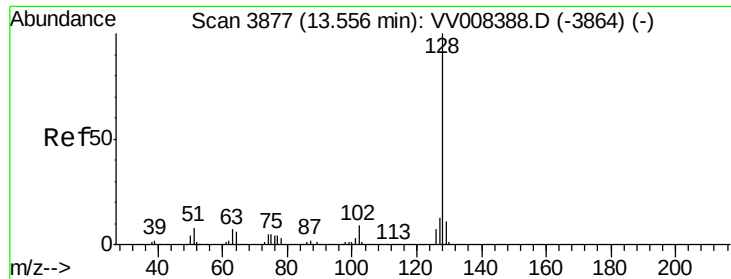
#68
 1,2,4-trichlorobenzene
 Concen: 1.639 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008399.D
 Acq: 24 Oct 2018 18:14

Tgt Ion:180 Resp: 2159
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.4 113.2
 145 28.4 27.0 40.6



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.257 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

MDL01

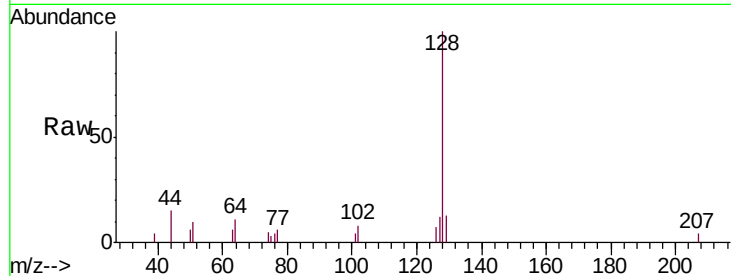
Tgt Ion:128 Resp: 5352

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

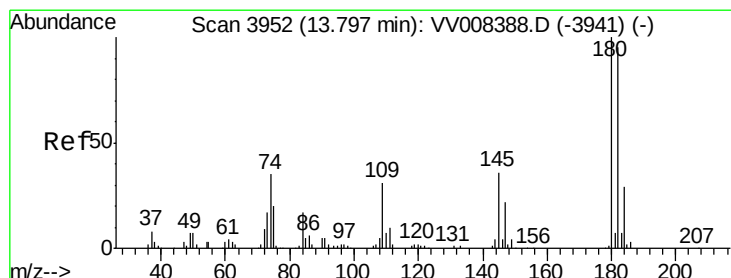
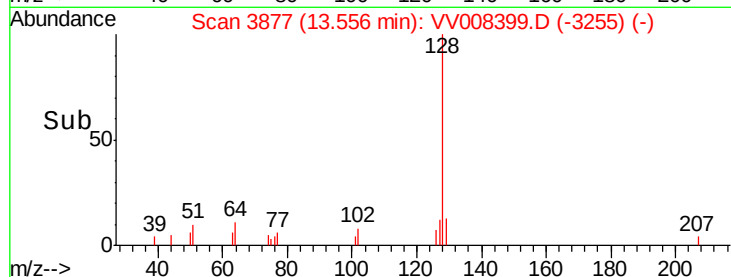
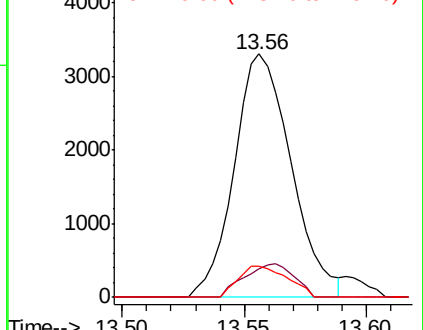
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.512 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV008399.D

Acq: 24 Oct 2018 18:14

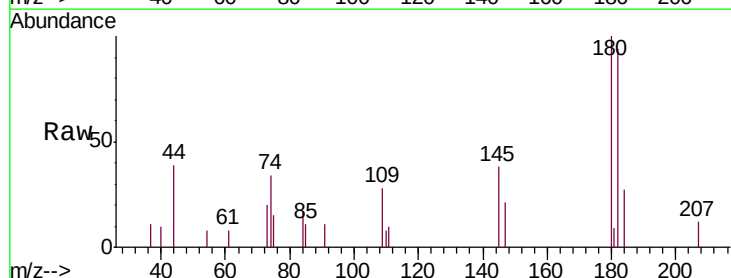
Tgt Ion:180 Resp: 1990

Ion Ratio Lower Upper

180 100

182 98.5 75.7 113.5

145 35.2 28.6 43.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

