

Data File : VV013498.D
Acq On : 06 Nov 2019 15:07
Operator : SY/MD
Sample : MDL01
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Quant Time: Nov 07 02:46:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1005761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	952127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	445486	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	316696	53.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.54%
7) Chloroethane-d5	1.58	69	260024	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.48%
11) 1,1-Dichloroethene-d2	2.13	63	429240	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
21) 2-Butanone-d5	3.91	46	519864	119.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.38%
24) Chloroform-d	4.39	84	671137	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
26) 1,2-Dichloroethane-d4	5.07	65	458028	54.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.80%
32) Benzene-d6	5.09	84	1424203	56.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.16%
36) 1,2-Dichloropropane-d6	6.11	67	459004	55.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.44%
41) Toluene-d8	7.35	98	1294442	55.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.80%
43) trans-1,3-Dichloropropene-	7.66	79	208771	55.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.30%
47) 2-Hexanone-d5	8.12	63	328774	110.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.02%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	540977	52.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	519163	58.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	21283	2.543 ug/L	95
3) Chloromethane	1.25	50	21301	2.679 ug/L	98
6) Bromomethane	1.53	94	8995	2.524 ug/L	93
8) Chloroethane	1.60	64	10692	2.568 ug/L	98
9) Trichlorofluoromethane	1.77	101	26461	2.683 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	19200	3.457 ug/L #	82
13) Acetone	2.18	43	21958	5.403 ug/L	98
14) Carbon disulfide	2.32	76	52809	2.846 ug/L	99
15) Methyl Acetate	2.46	43	16390	2.211 ug/L	97
16) Methylene chloride	2.53	84	19802	2.760 ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	17663	2.675 ug/L	94
18) Methyl tert-butyl Ether	2.80	73	47031	2.336 ug/L	99
19) 1,1-Dichloroethane	3.23	63	30769	2.444 ug/L	98
23) Bromochloromethane	4.30	128	8134	2.135 ug/L #	97
25) Chloroform	4.42	83	57766	4.460 ug/L	100
27) 1,2-Dichloroethane	5.18	62	25657	2.585 ug/L	99
29) Cyclohexane	4.72	56	25633	2.343 ug/L	94

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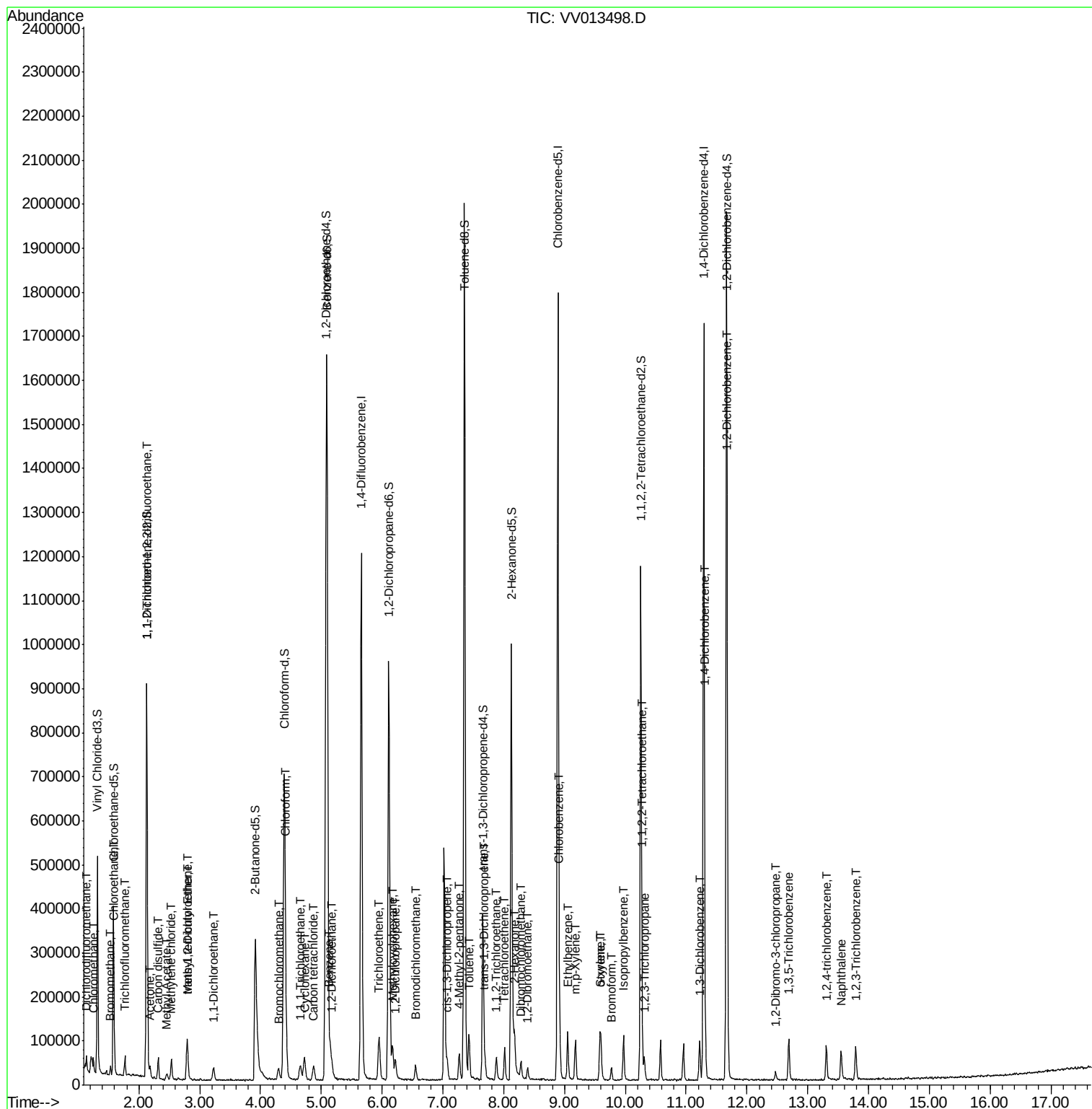
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.66	97	25475	2.404	ug/L	98
31) Carbon tetrachloride	4.87	117	23087	2.443	ug/L	97
33) Benzene	5.14	78	68970	2.551	ug/L	100
34) Trichloroethene	5.96	95	19376	2.697	ug/L	95
35) Methylcyclohexane	6.17	83	25424	2.296	ug/L	93
37) 1,2-Dichloropropane	6.22	63	17822	2.505	ug/L	97
38) Bromodichloromethane	6.55	83	22341	2.387	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	26411	2.443	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	38847	4.235	ug/L	97
42) Toluene	7.43	91	72933	2.589	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	25333	2.693	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	16354	2.454	ug/L	97
46) Tetrachloroethene	8.02	164	16553	2.700	ug/L	98
48) 2-Hexanone	8.18	43	61854	8.539	ug/L #	96
49) Dibromochloromethane	8.28	129	18088	2.361	ug/L	92
50) 1,2-Dibromoethane	8.39	107	18097	2.588	ug/L	97
51) Chlorobenzene	8.92	112	50227	2.682	ug/L	96
52) Ethylbenzene	9.05	91	74980	2.453	ug/L	97
53) m,p-Xylene	9.18	106	27938	2.408	ug/L	88
54) o-xylene	9.58	106	24660	2.216	ug/L	100
55) Styrene	9.60	104	39712	2.064	ug/L	99
56) Isopropylbenzene	9.97	105	62134	2.126	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	28672	2.850	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	19732	2.355	ug/L	96
61) Bromoform	9.77	173	12093	2.315	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	37284	2.761	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	40988	2.931	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	39203	2.899	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.47	75	4756	2.550	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	29890	2.834	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	25486	2.758	ug/L	96
69) Naphthalene	13.55	128	55291	2.239	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	25657	2.614	ug/L	98

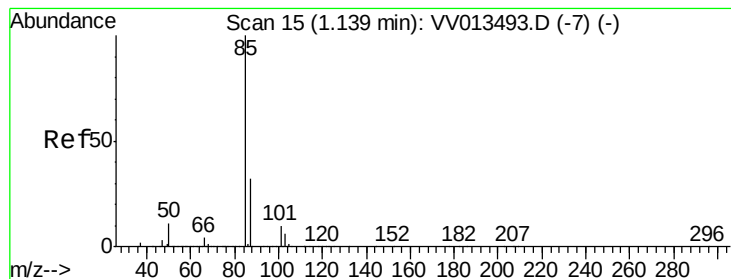
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.543 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

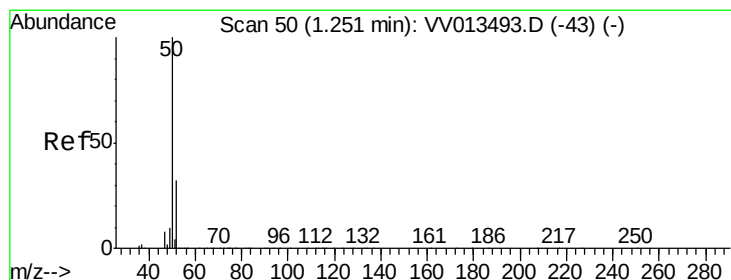
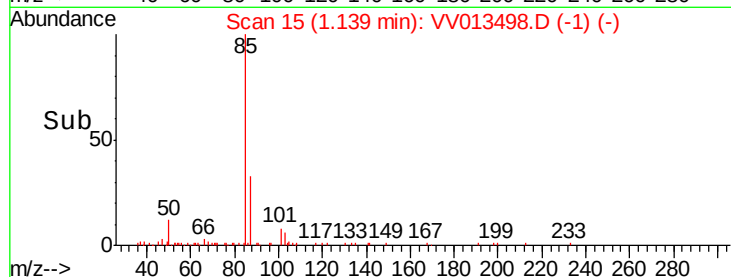
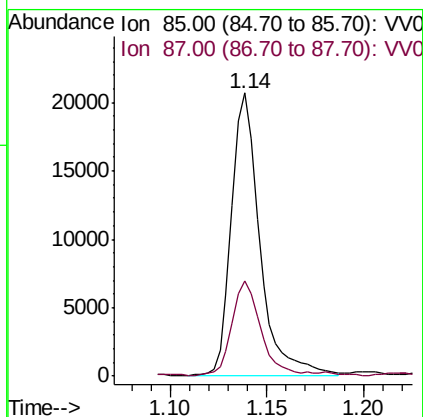
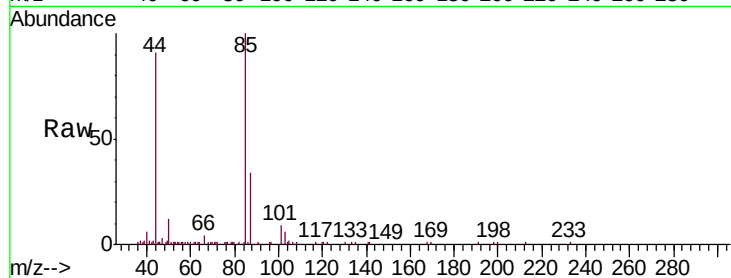
MDL01

Tgt Ion: 85 Resp: 21283

Ion Ratio Lower Upper

85 100

87 34.3 25.4 38.0



#3

Chloromethane

Concen: 2.679 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013498.D

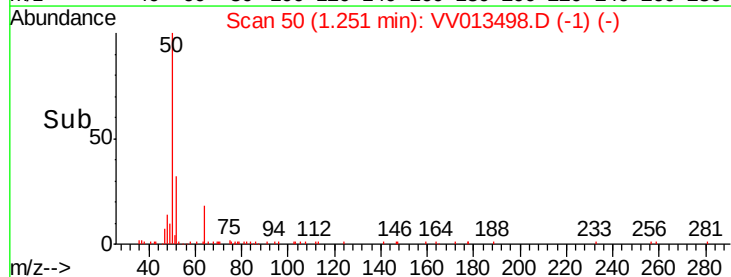
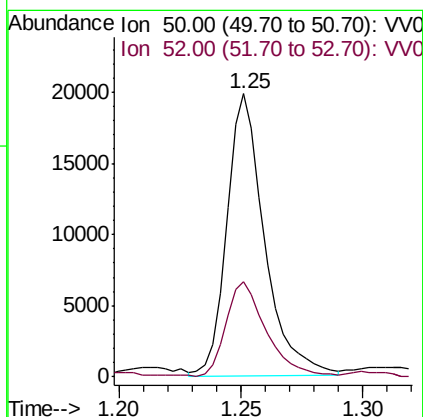
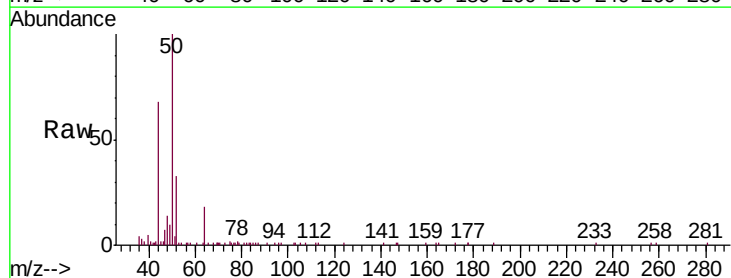
Acq: 06 Nov 2019 15:07

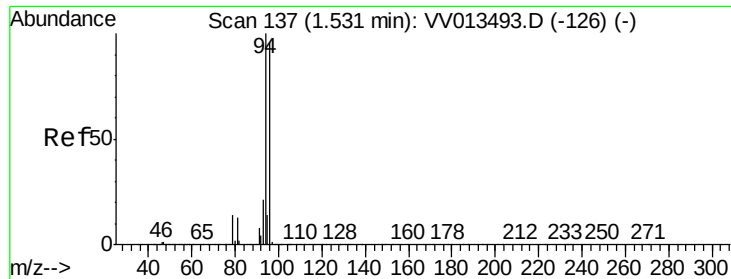
Tgt Ion: 50 Resp: 21301

Ion Ratio Lower Upper

50 100

52 33.5 22.5 41.9





#6

Bromomethane

Concen: 2.524 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

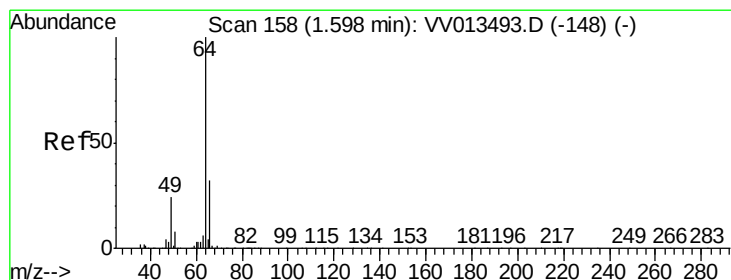
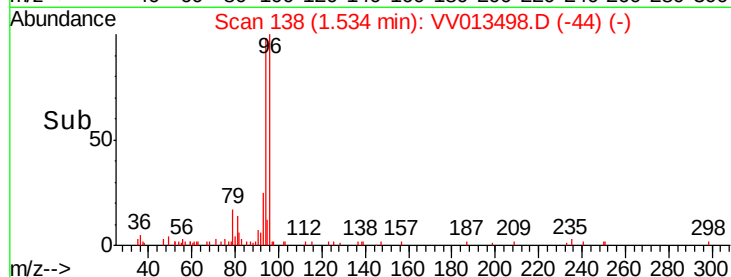
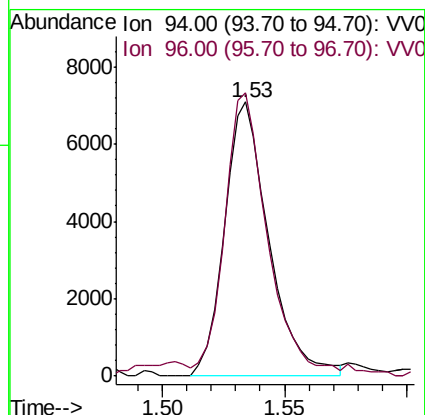
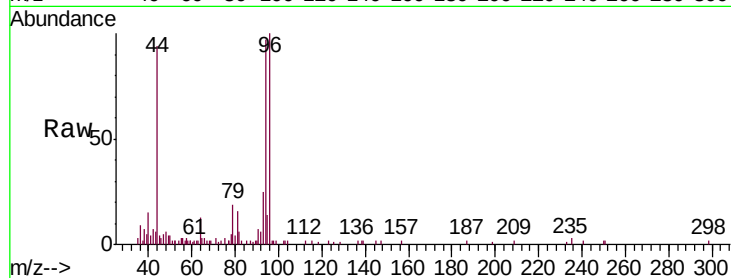
MDL01

Tgt Ion: 94 Resp: 8995

Ion Ratio Lower Upper

94 100

96 103.3 67.4 125.2



#8

Chloroethane

Concen: 2.568 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV013498.D

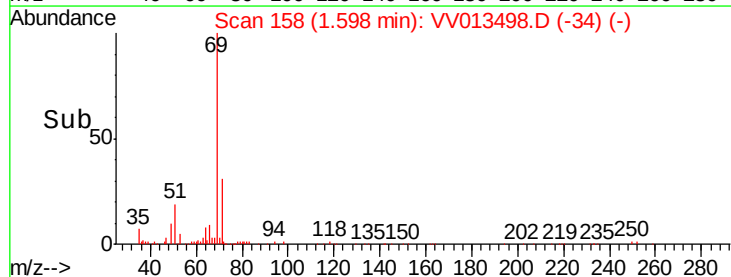
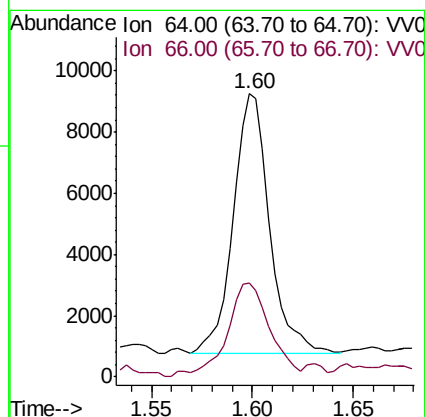
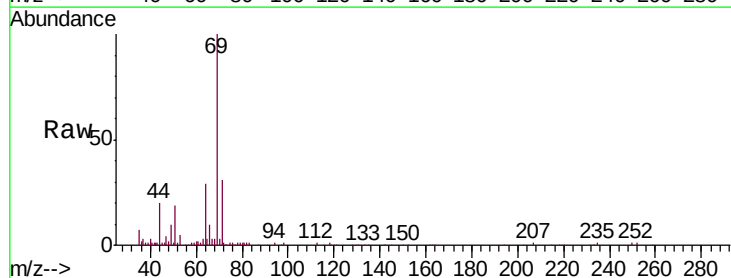
Acq: 06 Nov 2019 15:07

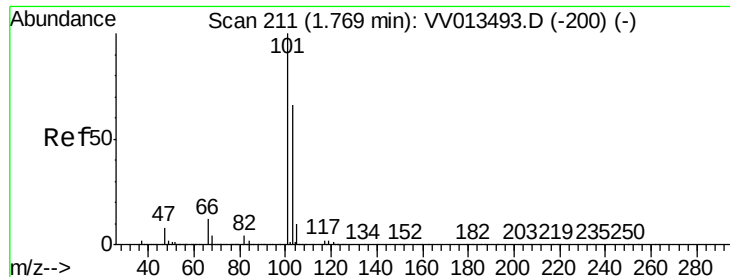
Tgt Ion: 64 Resp: 10692

Ion Ratio Lower Upper

64 100

66 33.3 22.5 41.9



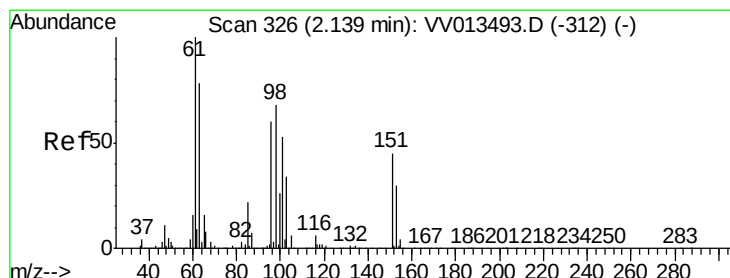
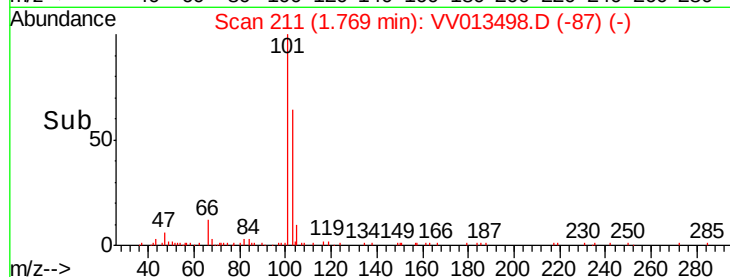
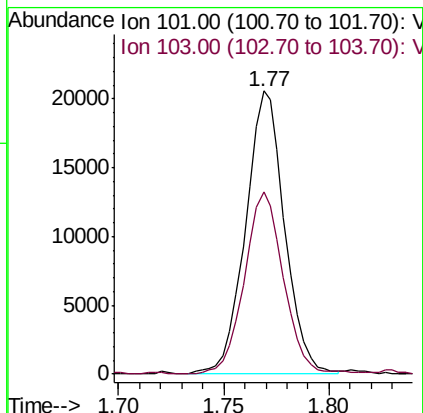
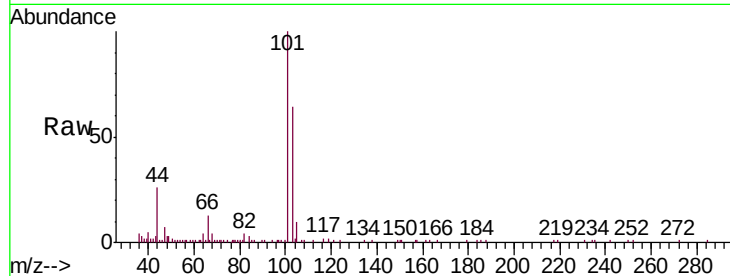


#9

Trichlorofluoromethane
Concen: 2.683 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
MDL01

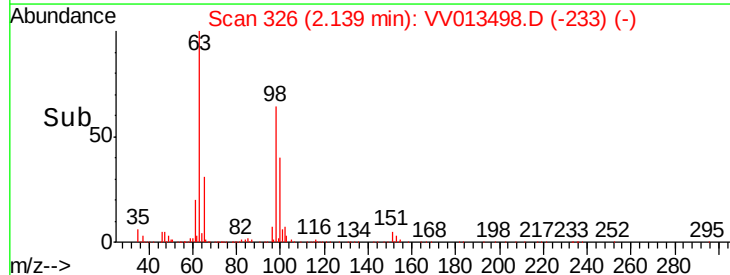
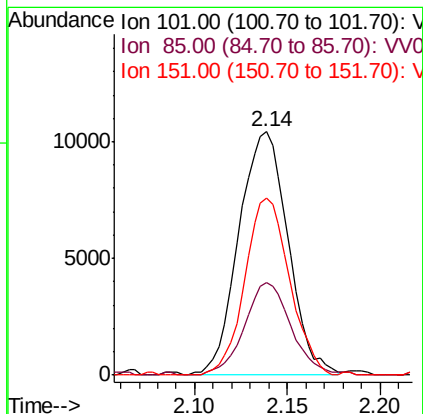
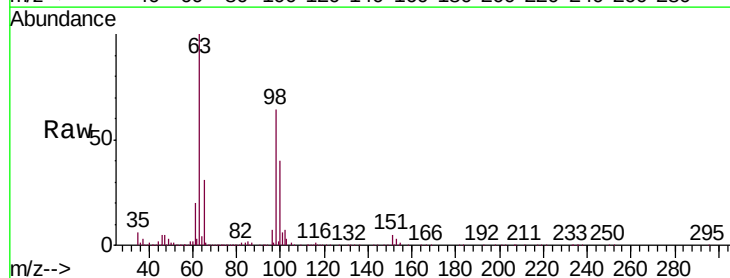
Tgt Ion:101 Resp: 26461
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7

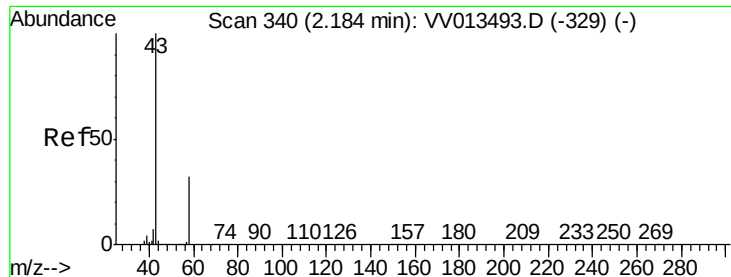


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.457 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Tgt Ion:101 Resp: 19200
Ion Ratio Lower Upper
101 100
85 35.7 33.3 49.9
151 66.0 69.5 104.3#





#13

Acetone

Concen: 5.403 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

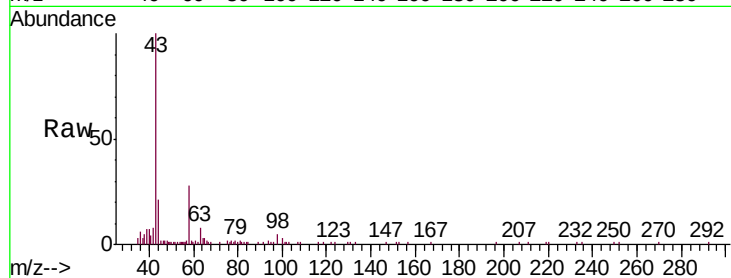
MDL01

Tgt Ion: 43 Resp: 21958

Ion Ratio Lower Upper

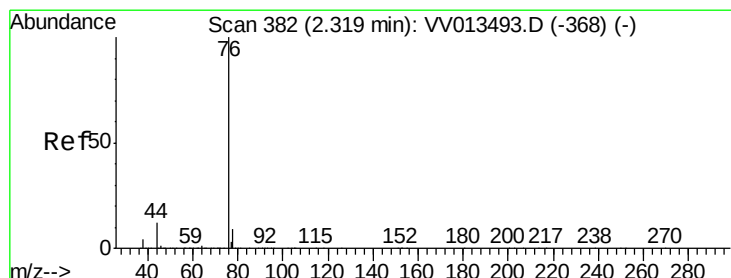
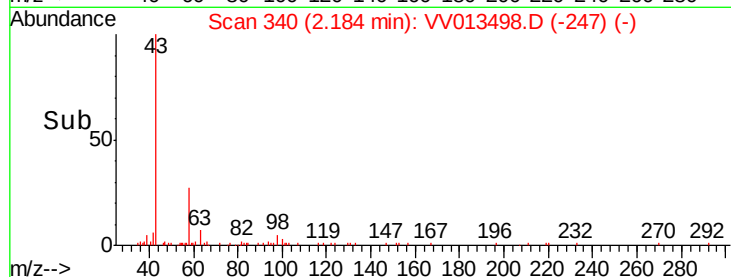
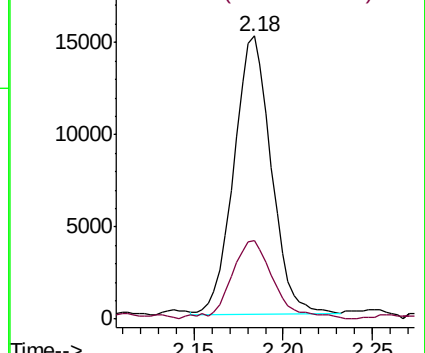
43 100

58 31.7 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 2.846 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV013498.D

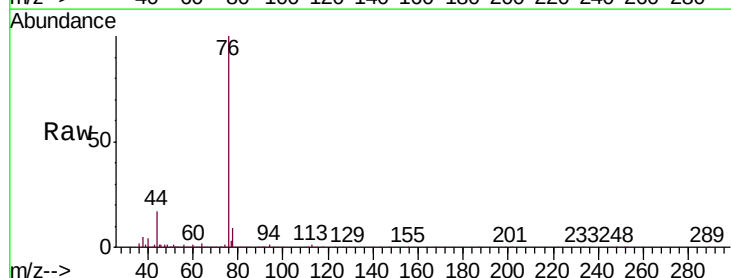
Acq: 06 Nov 2019 15:07

Tgt Ion: 76 Resp: 52809

Ion Ratio Lower Upper

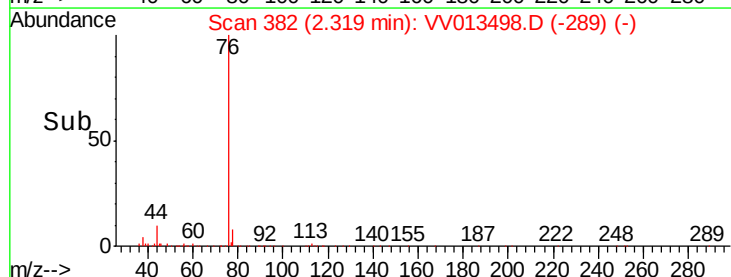
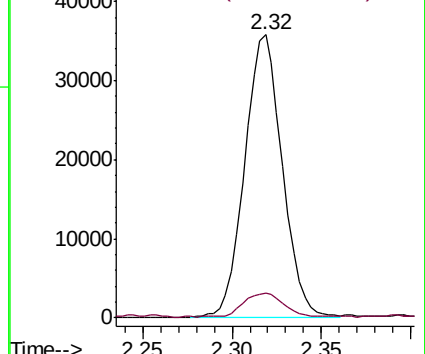
76 100

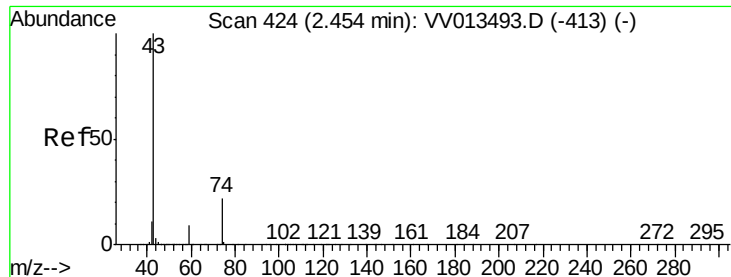
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methyl Acetate

Concen: 2.211 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV013498.D

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Instrument :

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ClientSampled :

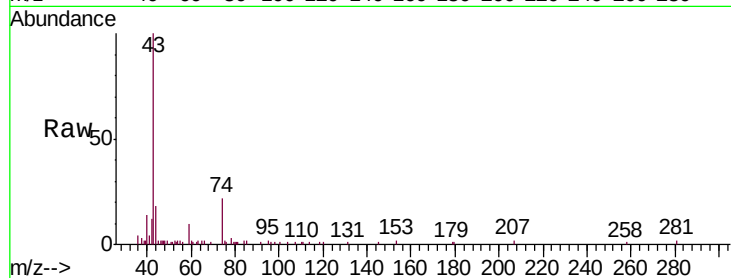
MDL01

Tgt Ion: 43 Resp: 16390

Ion Ratio Lower Upper

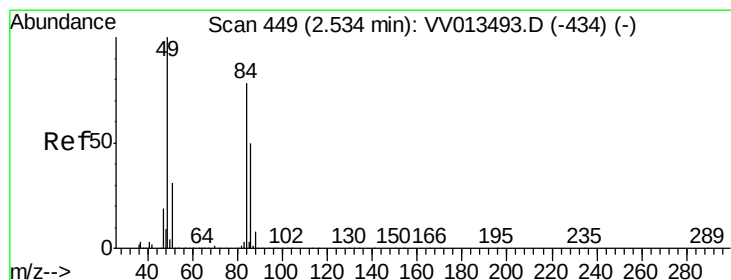
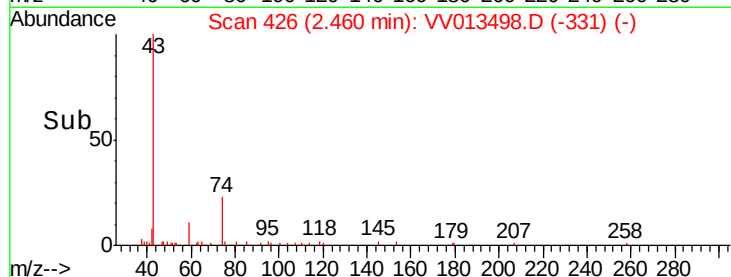
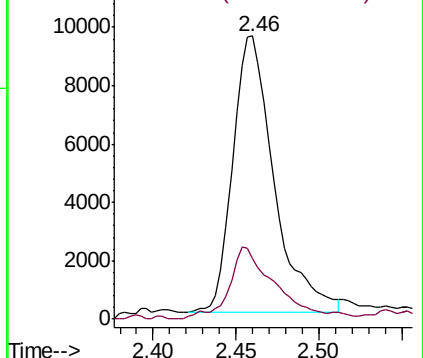
43 100

74 23.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 2.760 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

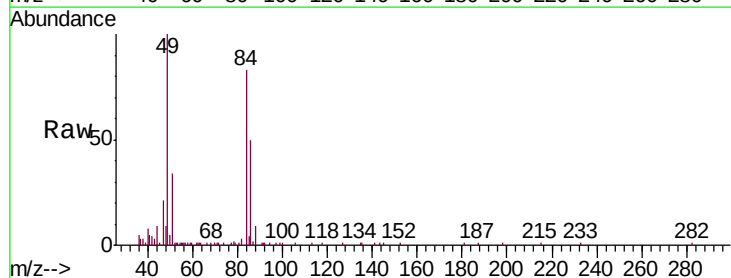
Tgt Ion: 84 Resp: 19802

Ion Ratio Lower Upper

84 100

86 59.6 44.7 83.1

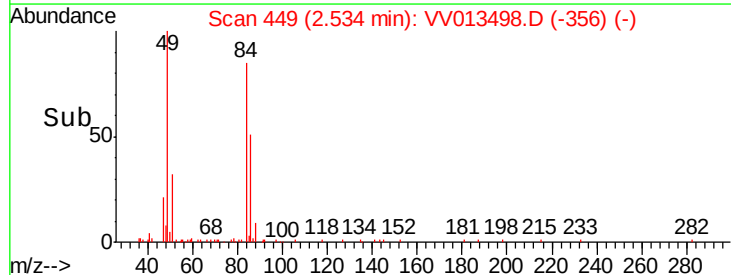
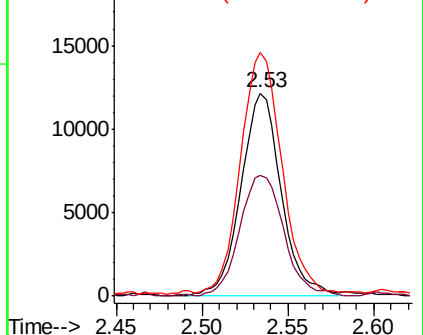
49 119.9 89.2 165.8

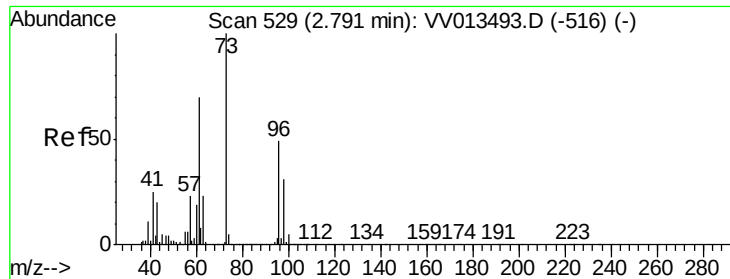


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 2.675 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

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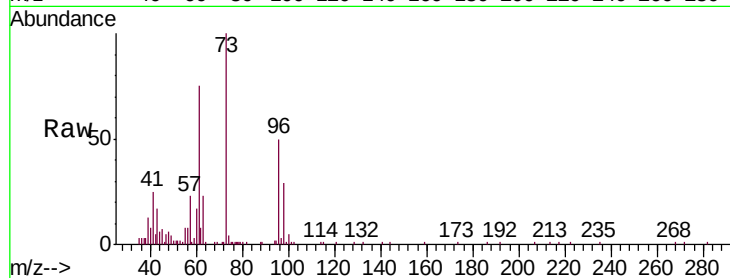
Tgt Ion: 96 Resp: 17663

Ion Ratio Lower Upper

96 100

61 149.9 100.4 186.6

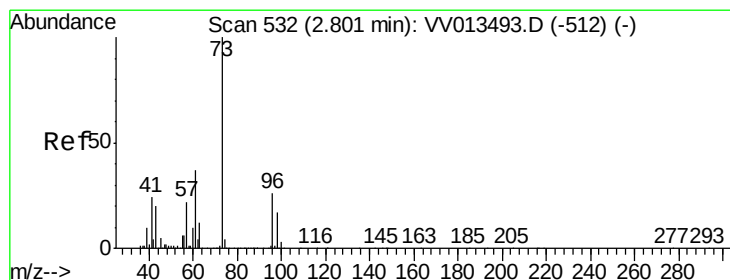
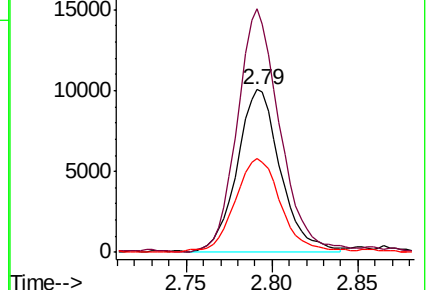
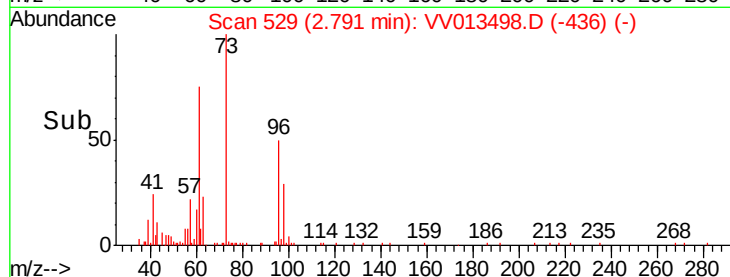
98 57.5 44.7 83.1



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: 2.336 ug/L

RT: 2.80 min Scan# 531

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

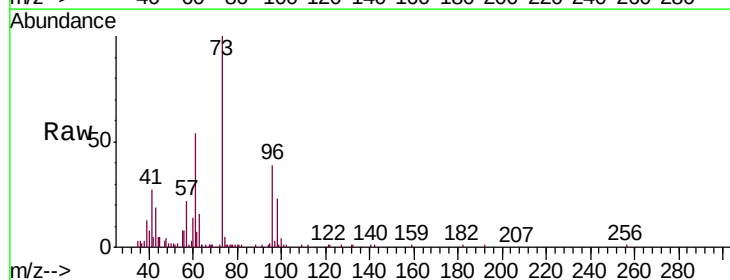
Tgt Ion: 73 Resp: 47031

Ion Ratio Lower Upper

73 100

43 20.4 15.7 23.5

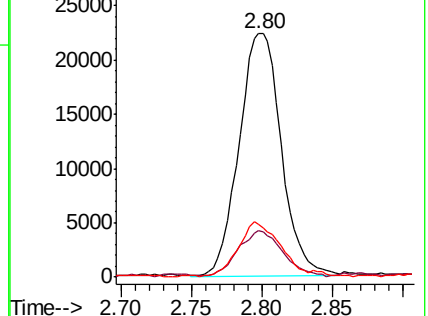
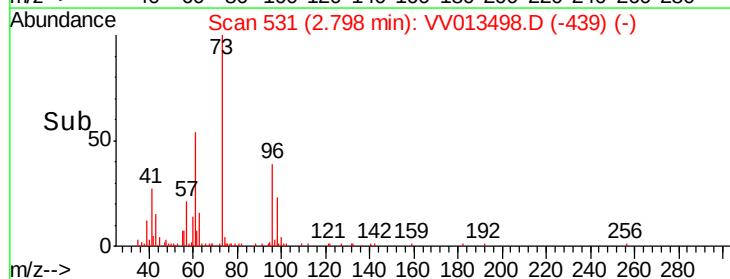
57 22.4 18.1 27.1

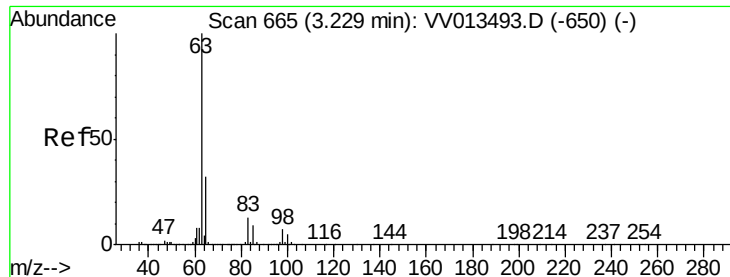


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

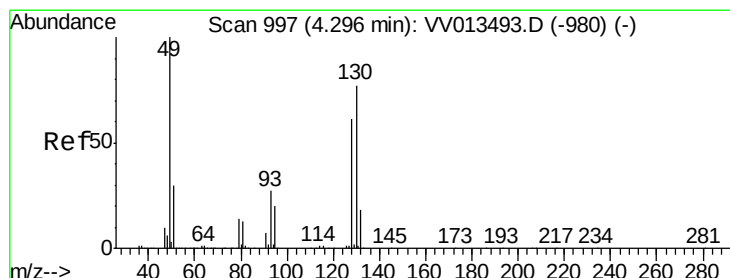
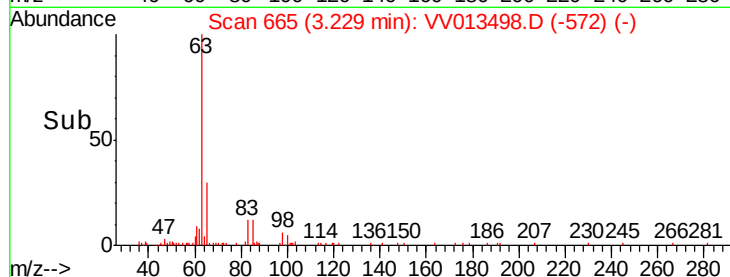
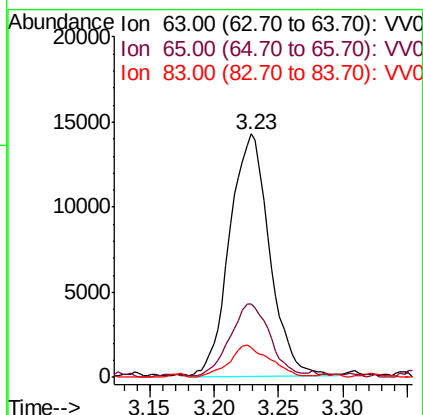
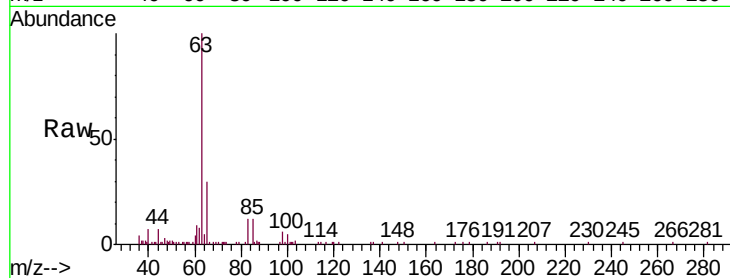




#19
1,1-Dichloroethane
Concen: 2.444 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

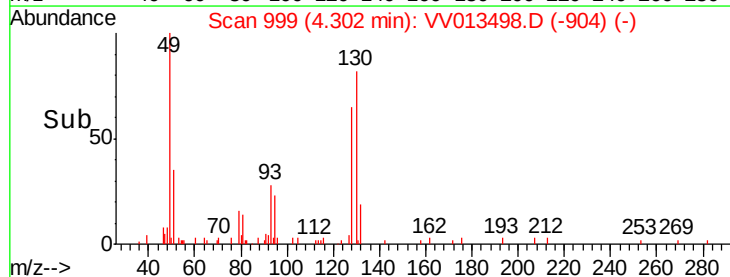
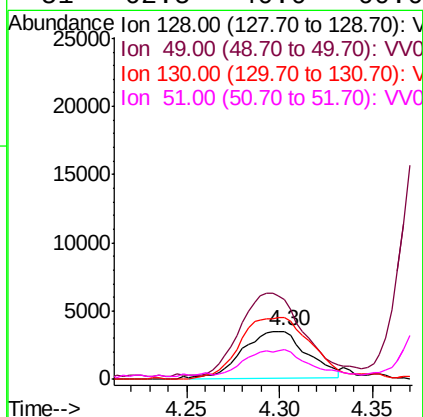
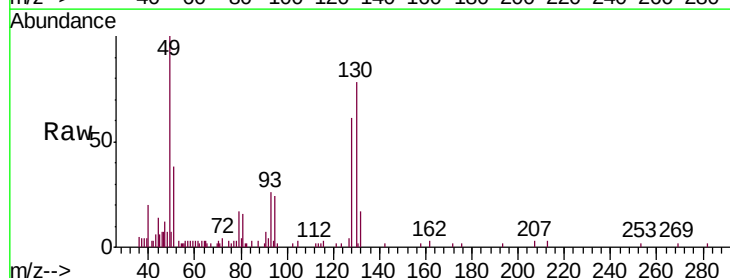
Instrument :
MSVOA_V
ClientSampleId :
MDL01

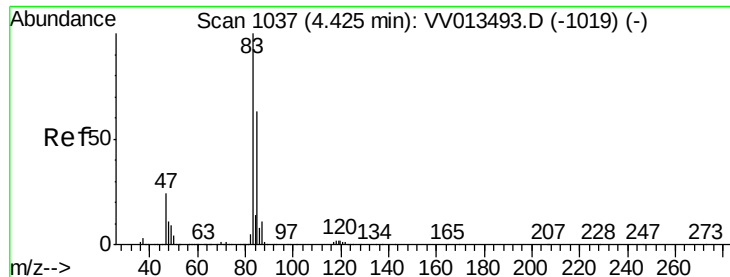
Tgt Ion:	63	Resp:	30769
Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.2	41.2
83	12.3	8.9	16.5



#23
Bromochloromethane
Concen: 2.135 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Tgt Ion:	128	Resp:	8134
Ion	Ratio	Lower	Upper
128	100		
49	164.3	115.8	215.2
130	127.4	89.1	165.5
51	62.5	40.0	60.0#

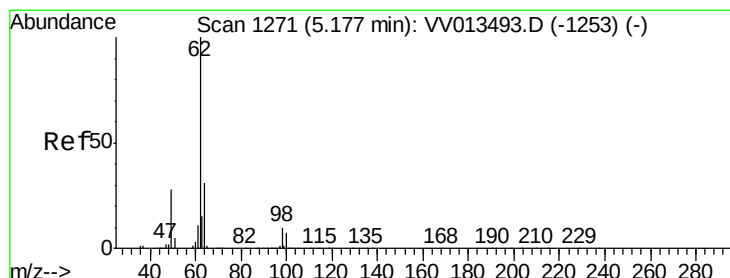
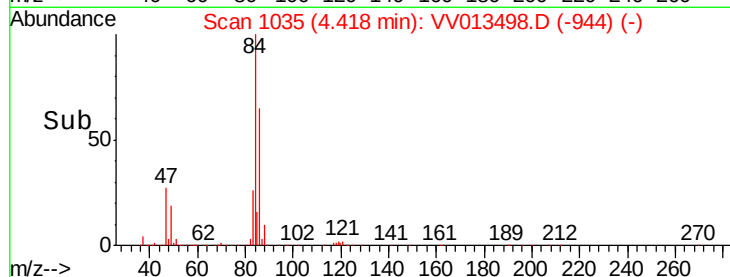
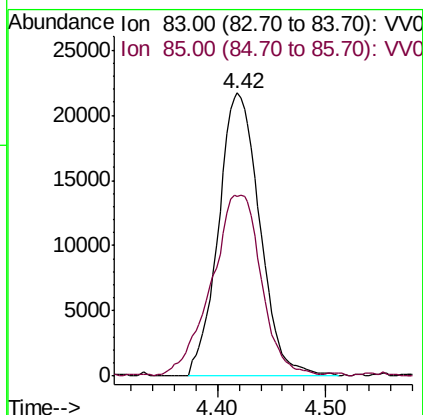
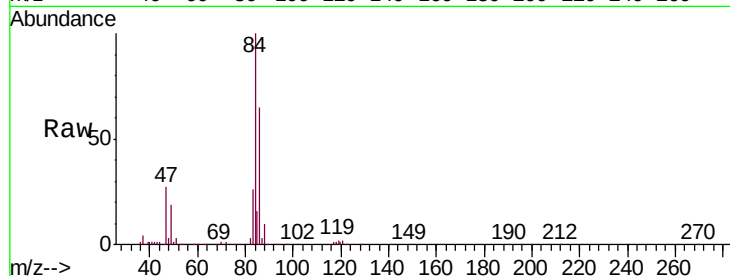




#25
Chloroform
Concen: 4.460 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

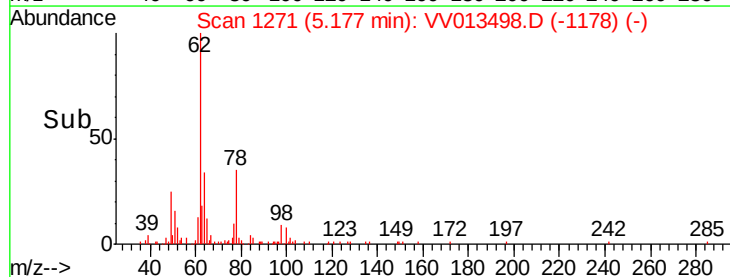
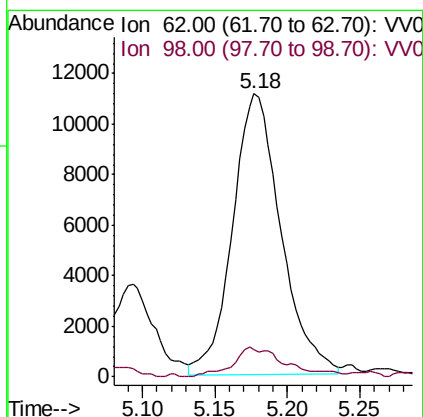
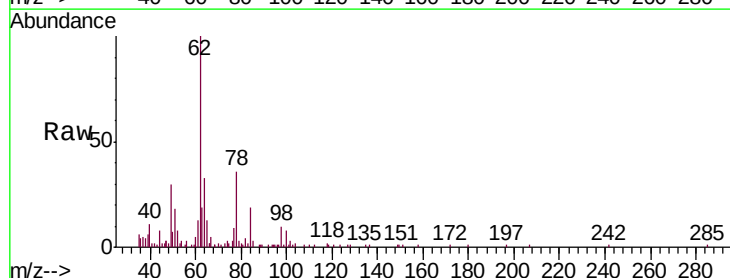
Instrument :
MSVOA_V
ClientSampleId :
MDL01

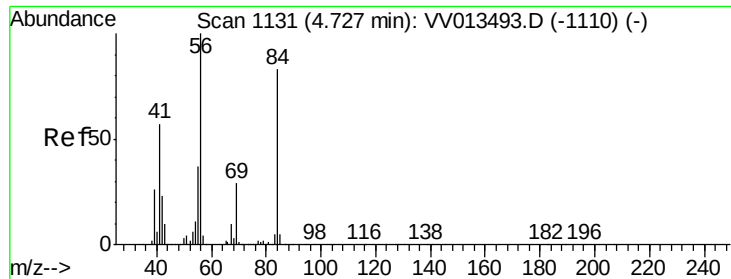
Tgt Ion: 83 Resp: 57766
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.5



#27
1,2-Dichloroethane
Concen: 2.585 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Tgt Ion: 62 Resp: 25657
Ion Ratio Lower Upper
62 100
98 9.9 8.2 12.4





#29

Cyclohexane

Concen: 2.343 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

MDL01

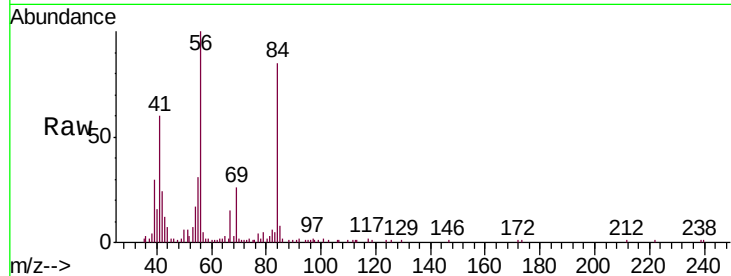
Tgt Ion: 56 Resp: 25633

Ion Ratio Lower Upper

56 100

69 31.7 23.7 35.5

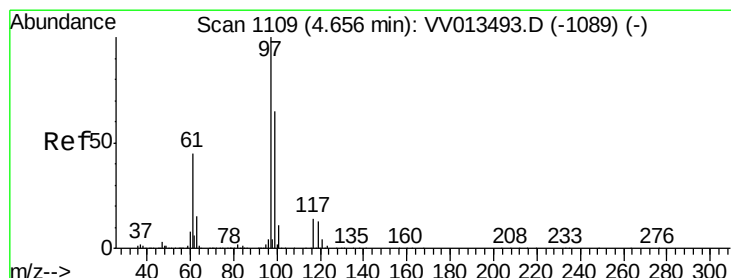
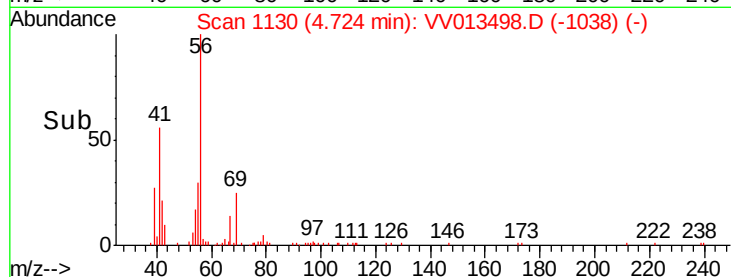
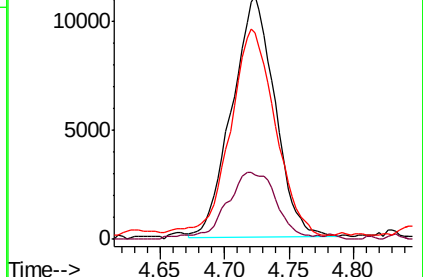
84 89.5 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VV013498.D (-1038) (-)

Ion 69.00 (68.70 to 69.70): VV013498.D (-1038) (-)

Ion 84.00 (83.70 to 84.70): VV013498.D (-1038) (-)



#30

1,1,1-Trichloroethane

Concen: 2.404 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

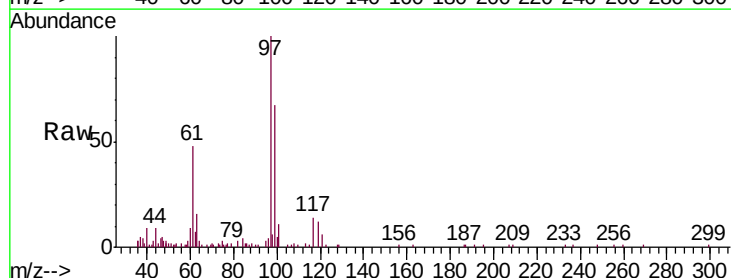
Tgt Ion: 97 Resp: 25475

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

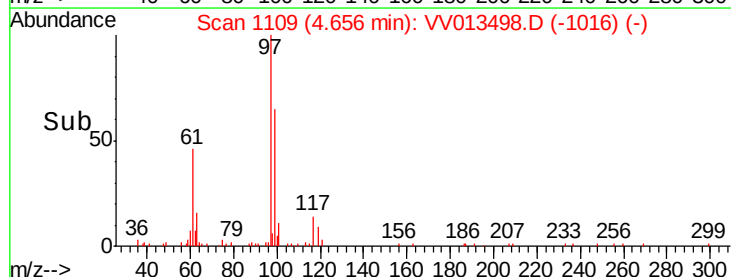
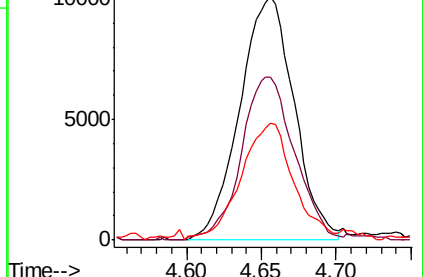
61 46.8 35.8 53.8

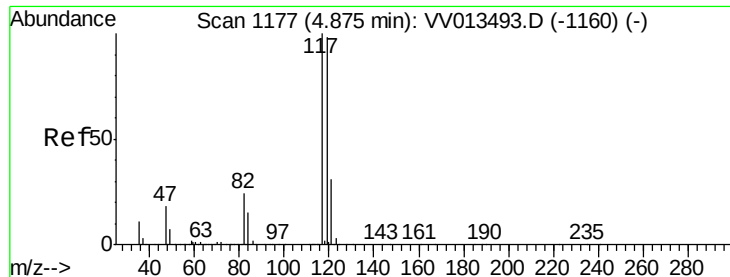


Abundance Ion 97.00 (96.70 to 97.70): VV013498.D (-1016) (-)

Ion 99.00 (98.70 to 99.70): VV013498.D (-1016) (-)

Ion 61.05 (60.75 to 61.75): VV013498.D (-1016) (-)





#31

Carbon tetrachloride

Concen: 2.443 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampled :

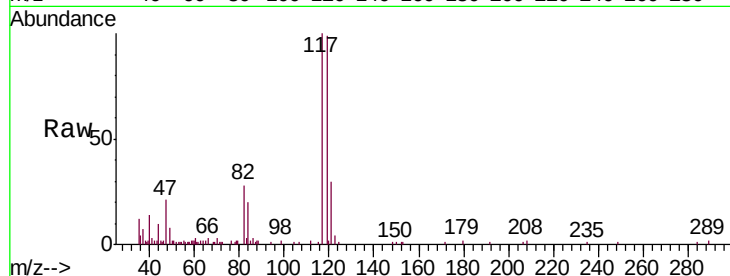
MDL01

Tgt Ion:117 Resp: 23087

Ion Ratio Lower Upper

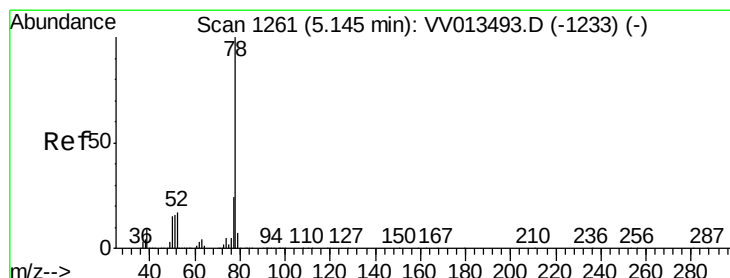
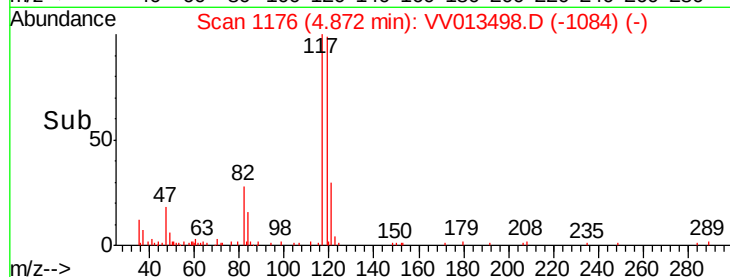
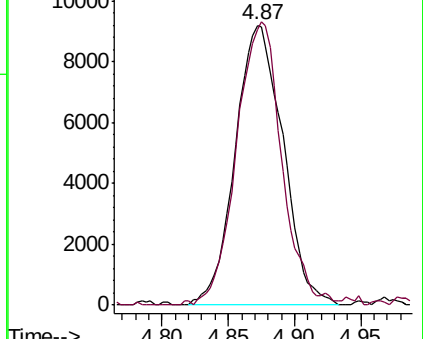
117 100

119 94.5 77.6 116.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 2.551 ug/L

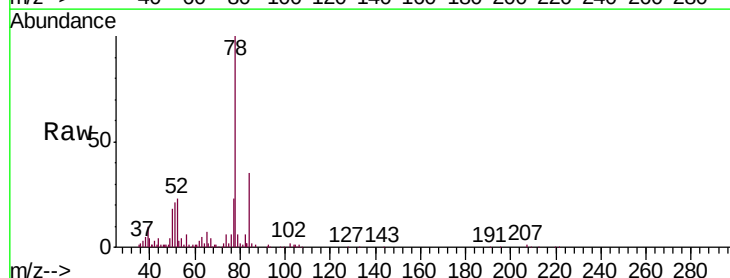
RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

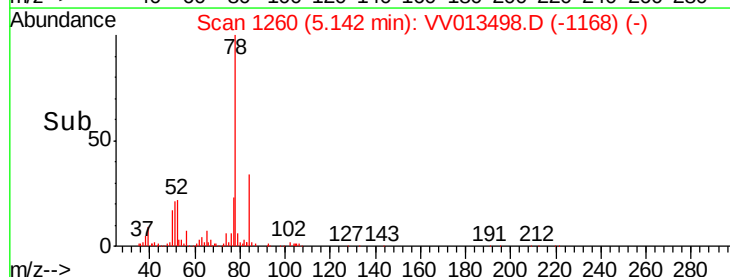
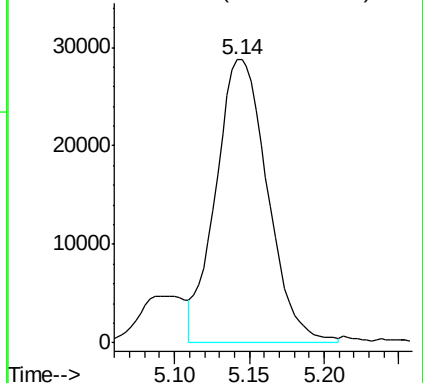
Lab File: VV013498.D

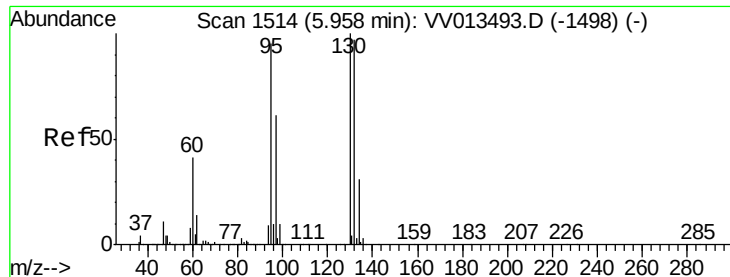
Acq: 06 Nov 2019 15:07

Tgt Ion: 78 Resp: 68970



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 2.697 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 95 Resp: 19376

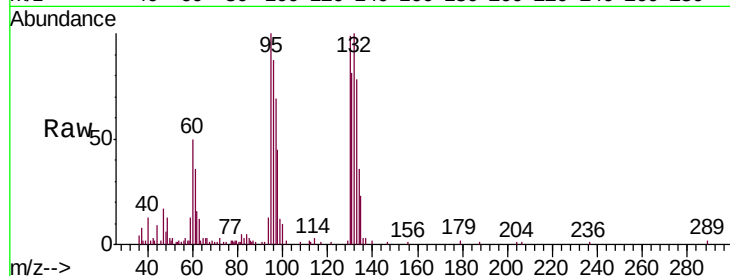
Ion Ratio Lower Upper

95 100

97 68.9 45.1 83.7

132 100.0 71.7 133.1

130 99.4 73.8 137.2

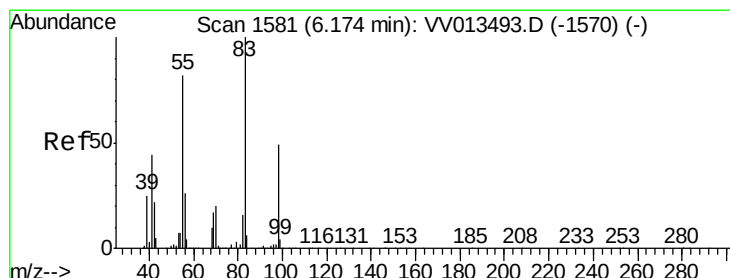
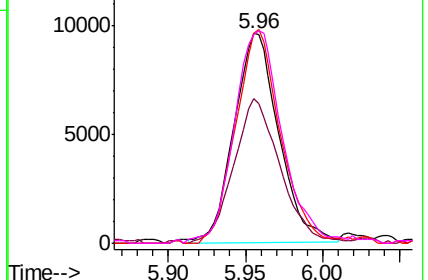
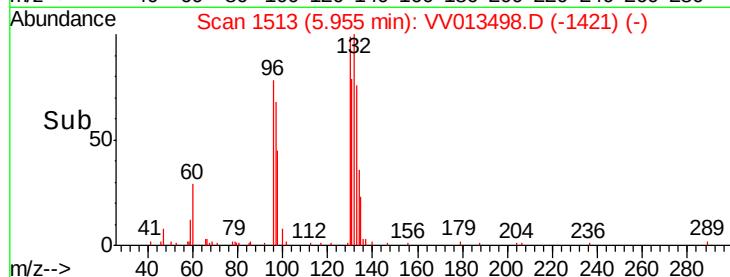


Abundance Ion 95.00 (94.70 to 95.70): VV013498.D (-1498) (-)

Ion 97.00 (96.70 to 97.70): VV013498.D (-1498) (-)

Ion 132.00 (131.70 to 132.70): VV013498.D (-1498) (-)

Ion 130.00 (129.70 to 130.70): VV013498.D (-1498) (-)



#35

Methylcyclohexane

Concen: 2.296 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

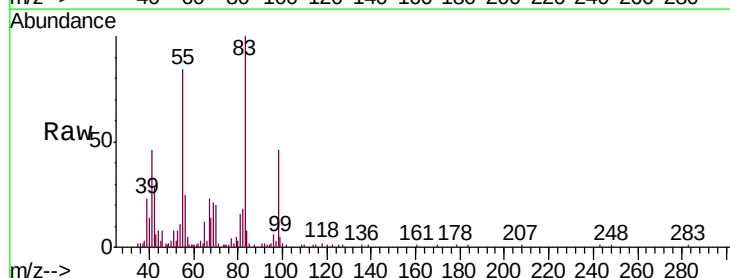
Tgt Ion: 83 Resp: 25424

Ion Ratio Lower Upper

83 100

55 87.8 63.4 95.0

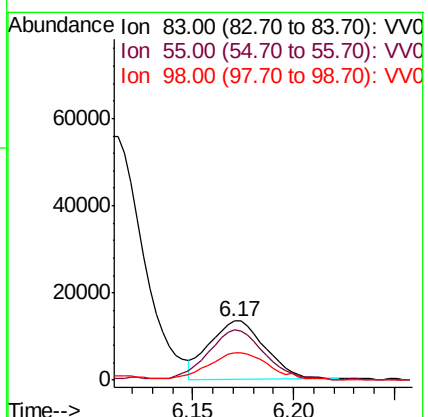
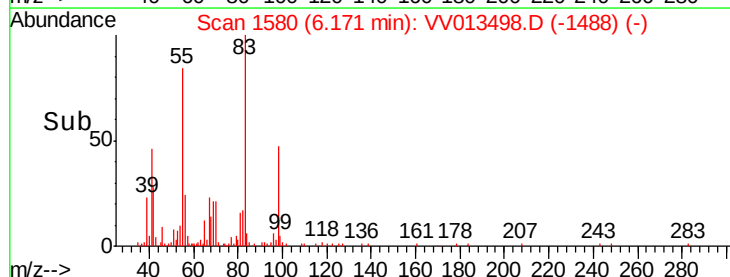
98 47.4 38.6 58.0

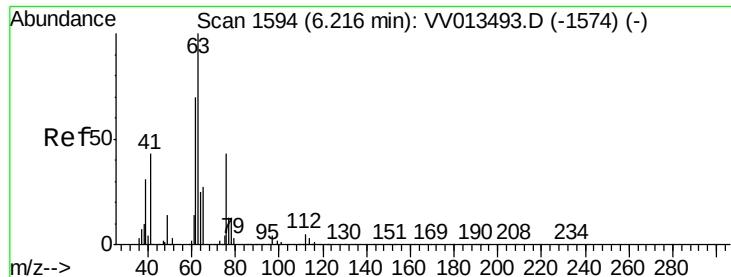


Abundance Ion 83.00 (82.70 to 83.70): VV013498.D (-1488) (-)

Ion 55.00 (54.70 to 55.70): VV013498.D (-1488) (-)

Ion 98.00 (97.70 to 98.70): VV013498.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 2.505 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

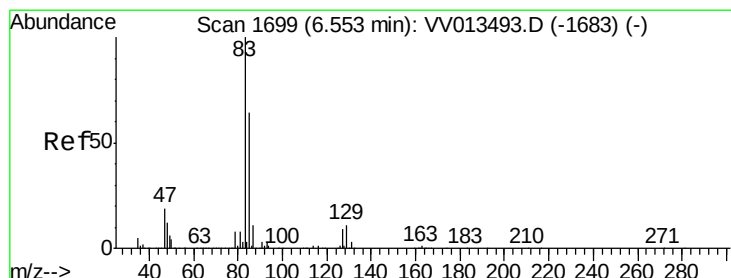
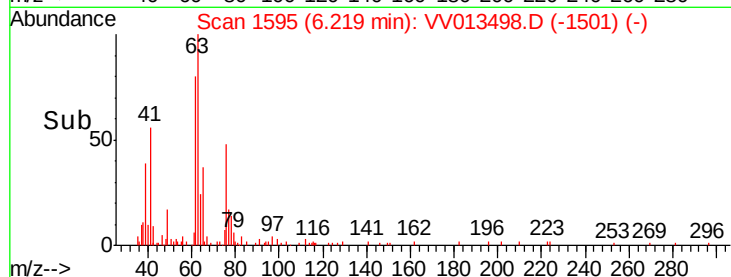
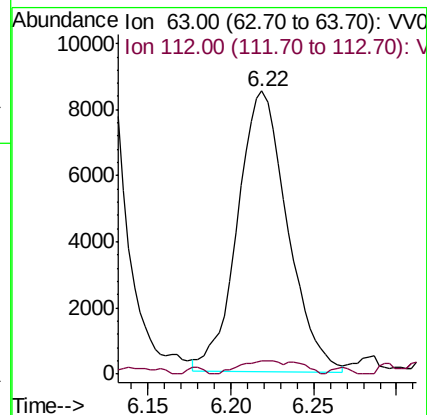
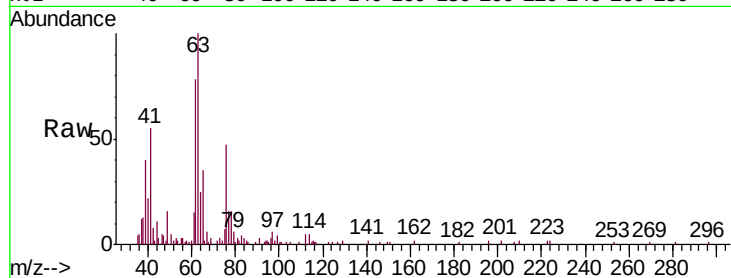
MDL01

Tgt Ion: 63 Resp: 17822

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9



#38

Bromodichloromethane

Concen: 2.387 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

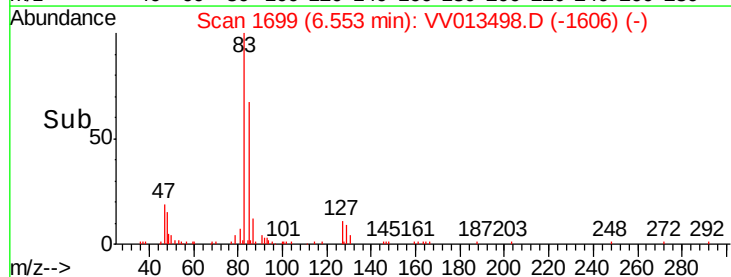
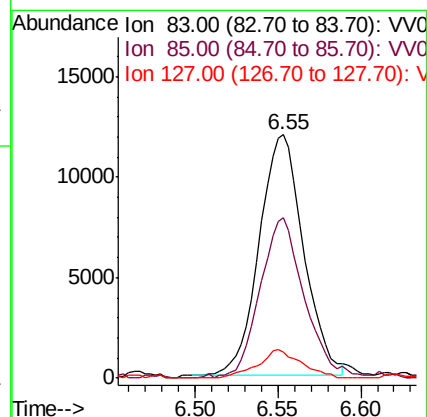
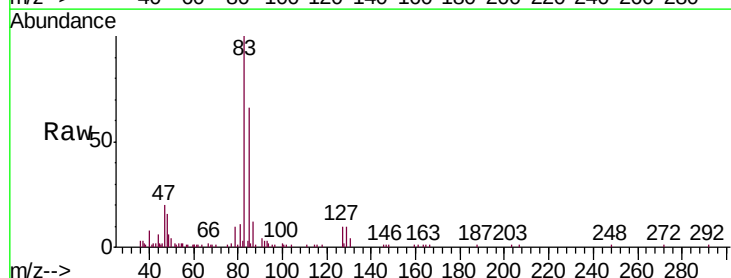
Tgt Ion: 83 Resp: 22341

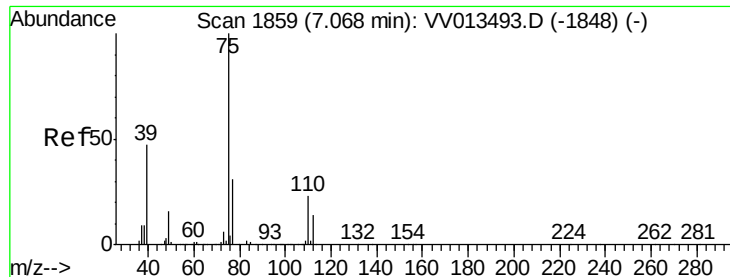
Ion Ratio Lower Upper

83 100

85 65.6 44.8 83.2

127 10.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 2.443 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampled :

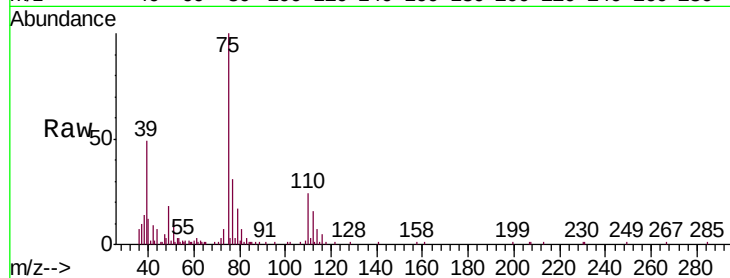
MDL01

Tgt Ion: 75 Resp: 26411

Ion Ratio Lower Upper

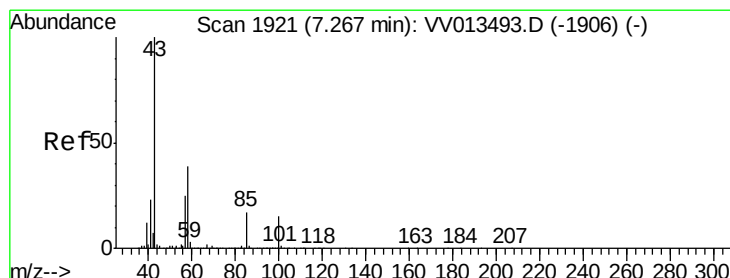
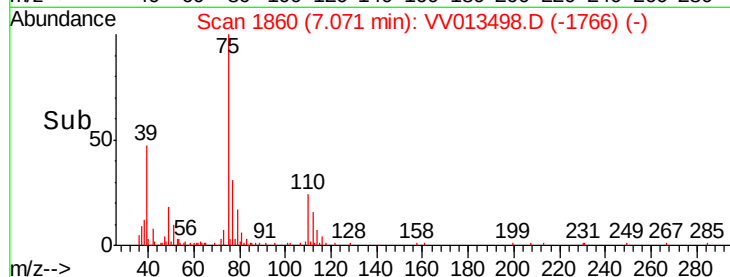
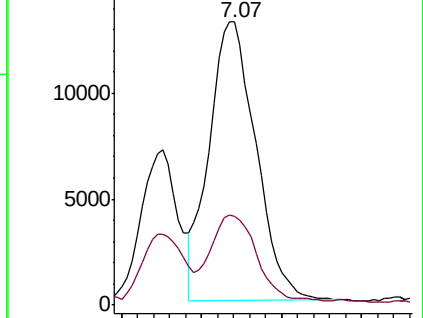
75 100

77 31.3 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#40

4-Methyl-2-pentanone

Concen: 4.235 ug/L

RT: 7.27 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

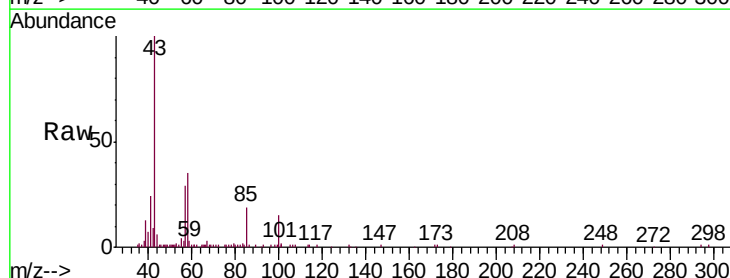
Tgt Ion: 43 Resp: 38847

Ion Ratio Lower Upper

43 100

58 37.0 31.0 46.4

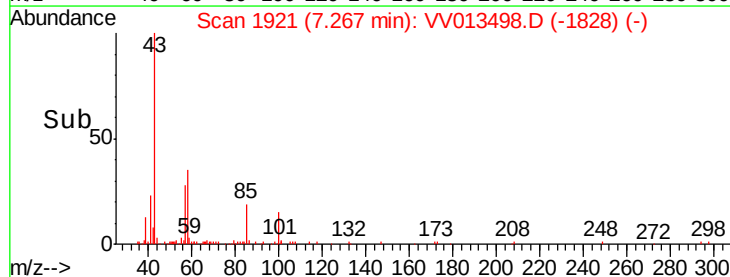
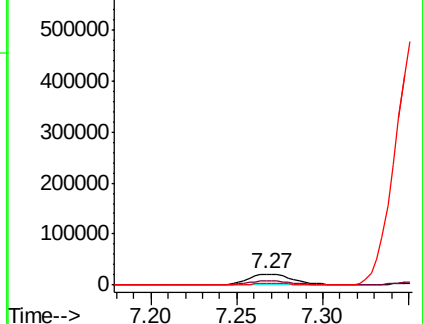
100 16.1 12.2 18.2

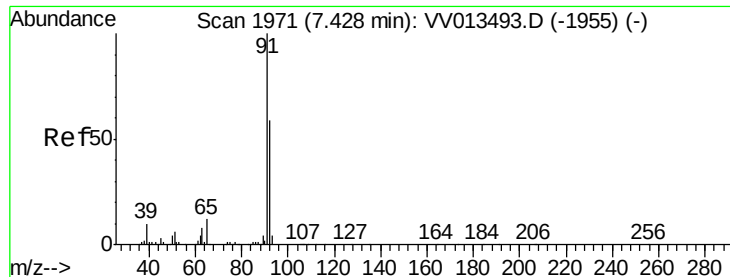


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#42

Toluene

Concen: 2.589 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

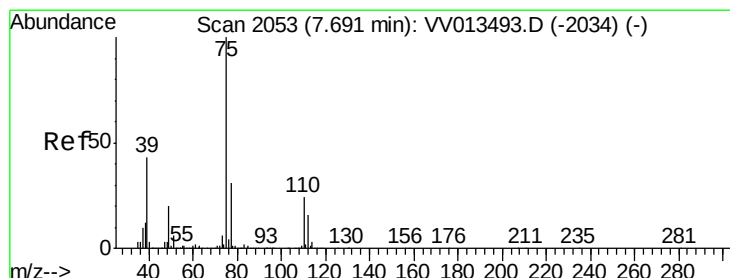
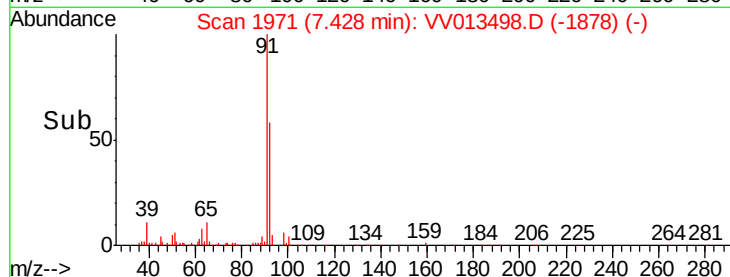
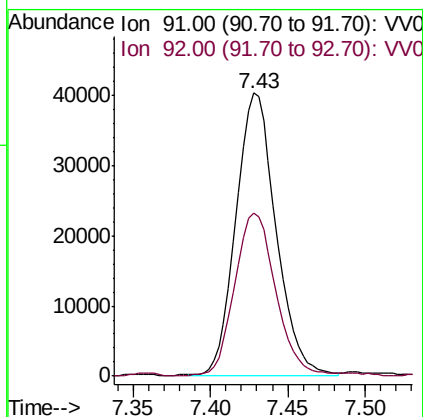
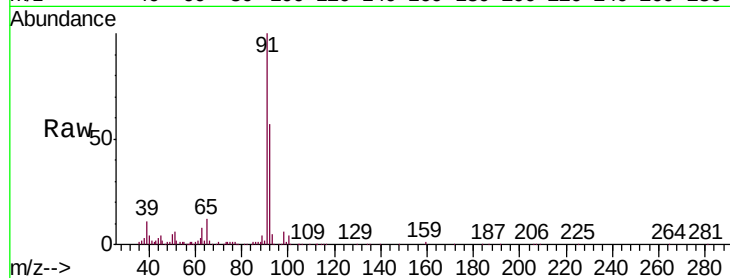
MDL01

Tgt Ion: 91 Resp: 72933

Ion Ratio Lower Upper

91 100

92 57.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 2.693 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VV013498.D

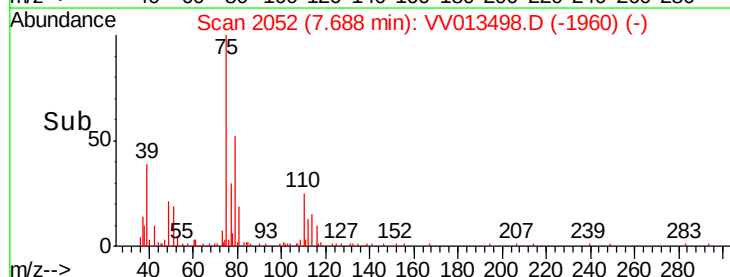
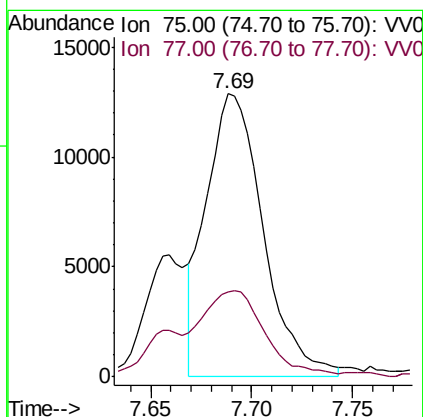
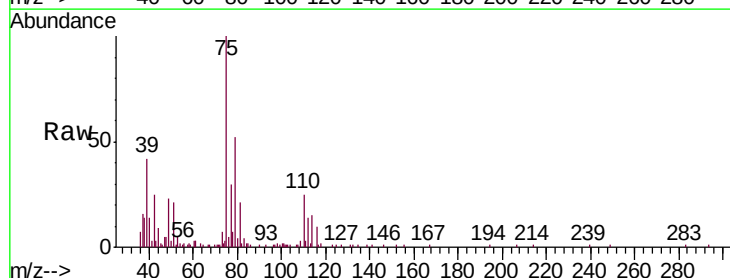
Acq: 06 Nov 2019 15:07

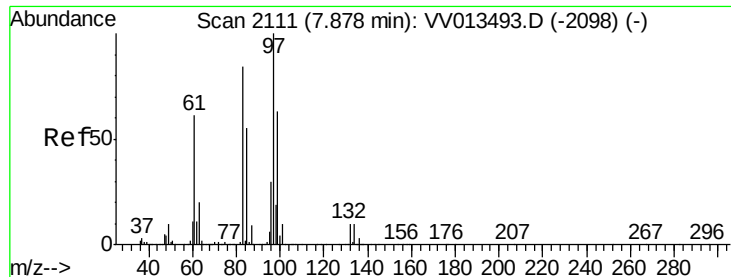
Tgt Ion: 75 Resp: 25333

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0

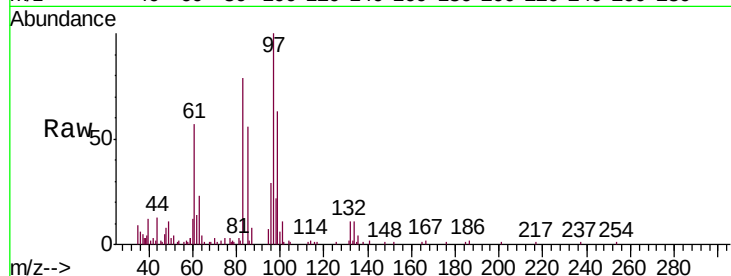




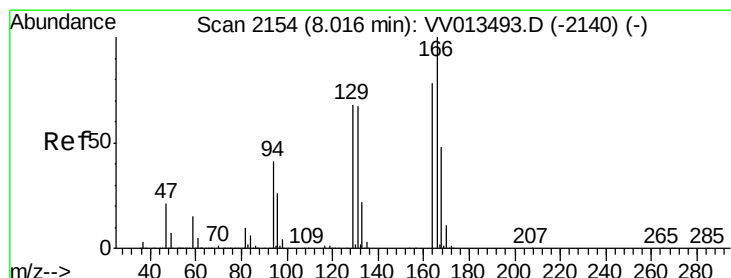
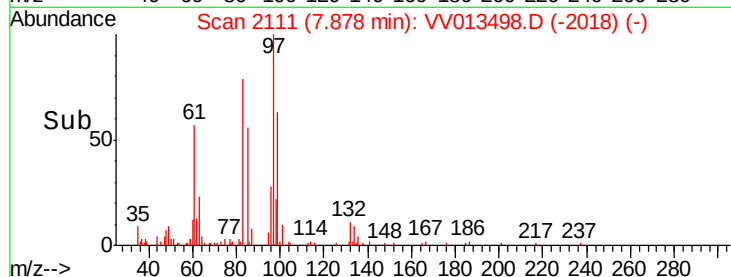
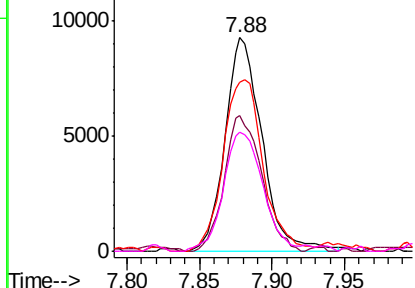
#45
 1,1,2-Trichloroethane
 Concen: 2.454 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tgt Ion:	97	Resp:	16354
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	79.3	59.1	109.9
85	55.9	38.8	72.0

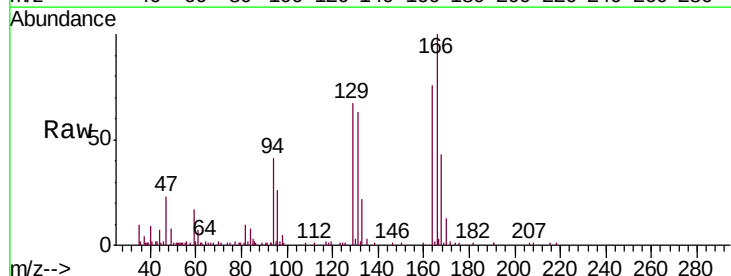


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

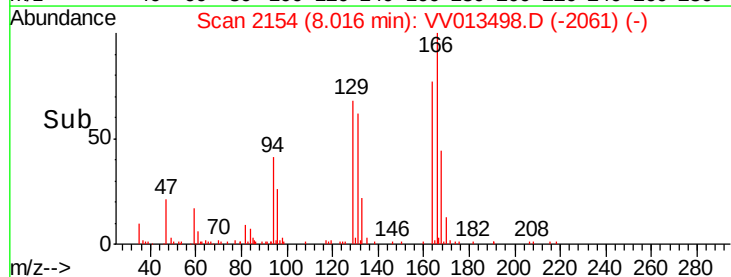
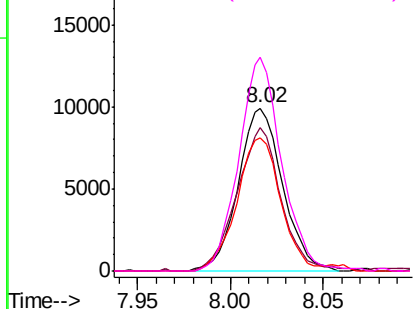


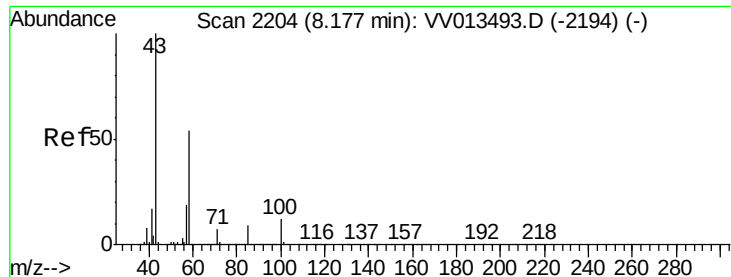
#46
 Tetrachloroethene
 Concen: 2.700 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Tgt Ion:	164	Resp:	16553
Ion	Ratio	Lower	Upper
164	100		
129	88.0	61.5	114.3
131	82.1	60.6	112.6
166	131.3	90.2	167.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

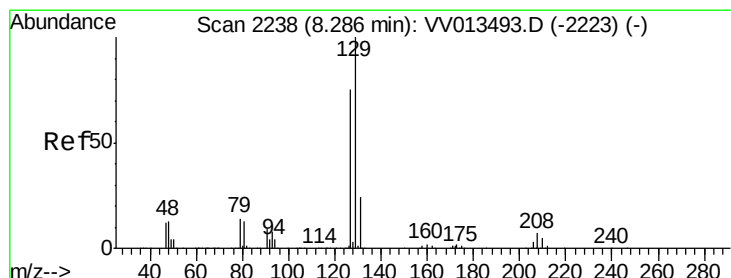
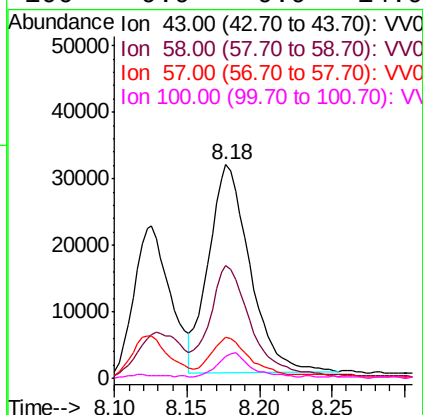
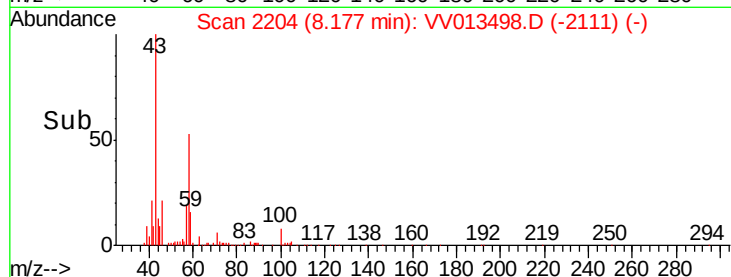
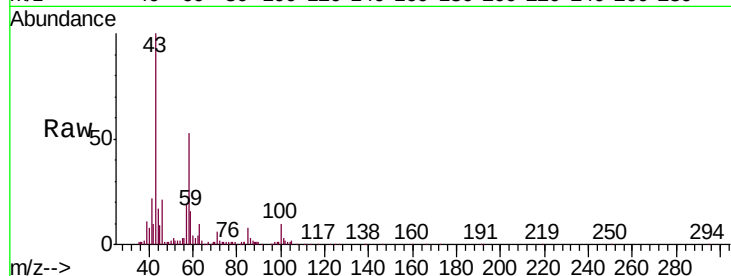




#48
2-Hexanone
Concen: 8.539 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

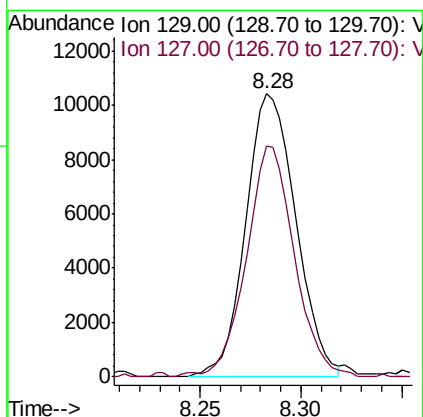
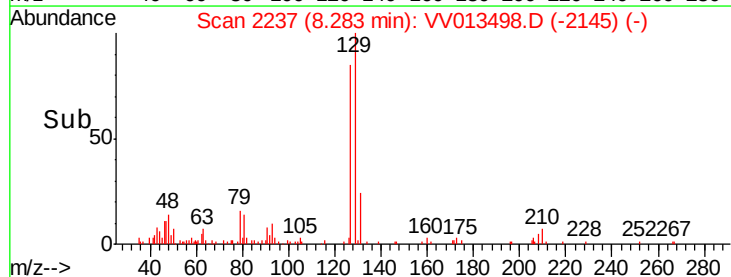
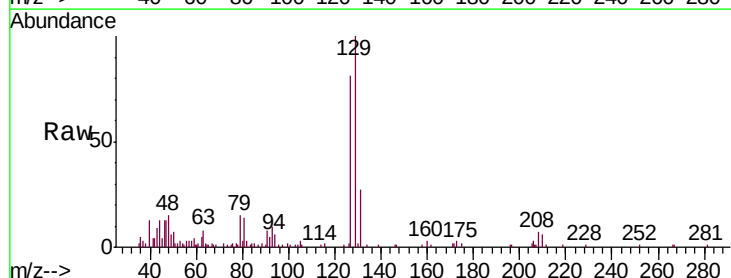
Instrument :
MSVOA_V
ClientSampleId :
MDL01

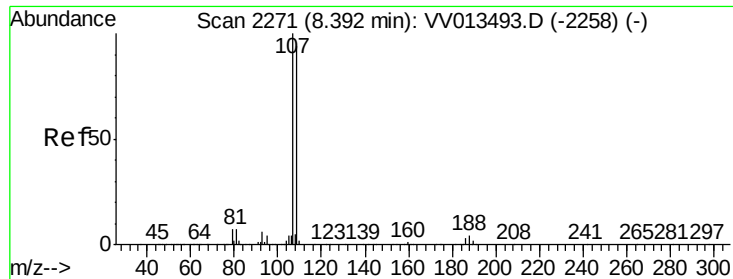
Tgt Ion: 43 Resp: 61854
Ion Ratio Lower Upper
43 100
58 52.1 43.4 65.0
57 16.5 15.2 22.8
100 9.9 9.9 14.9#



#49
Dibromochloromethane
Concen: 2.361 ug/L
RT: 8.28 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Tgt Ion: 129 Resp: 18088
Ion Ratio Lower Upper
129 100
127 81.5 52.5 97.5

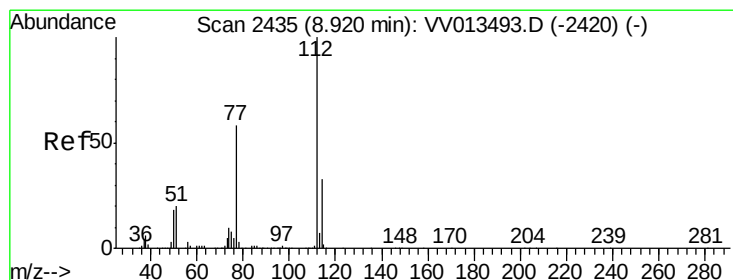
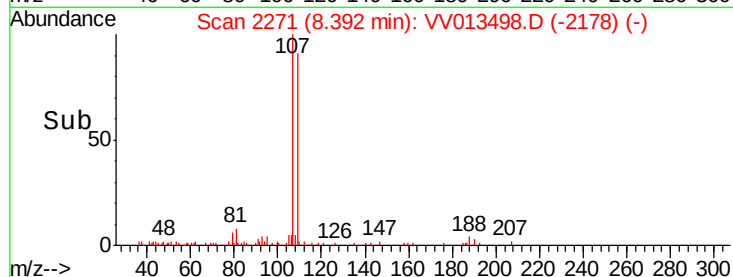
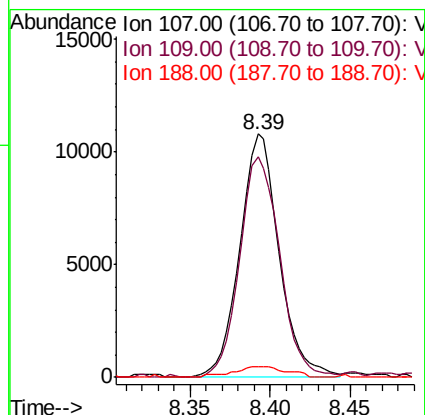
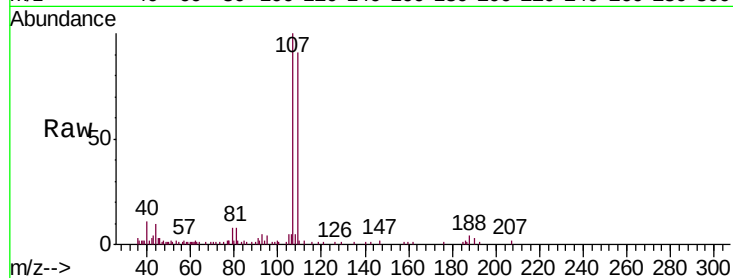




#50
1,2-Dibromoethane
Concen: 2.588 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

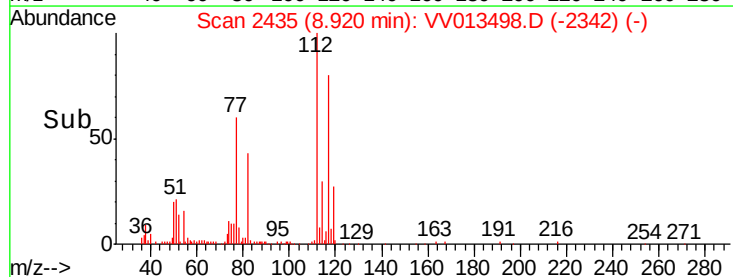
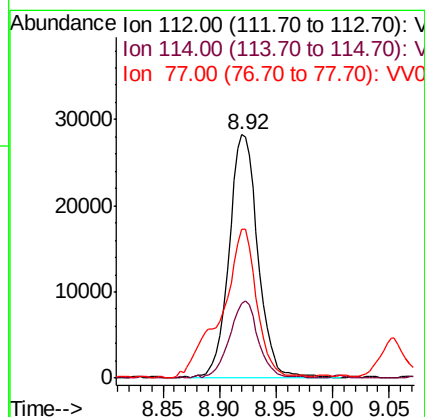
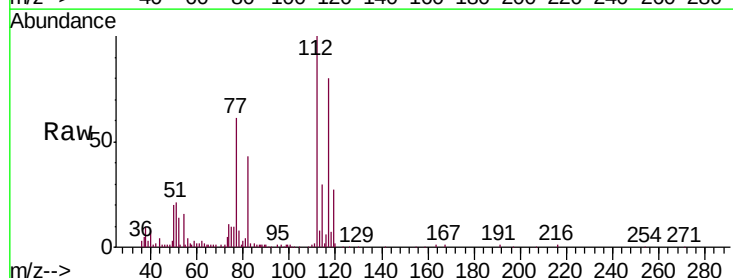
Instrument :
MSVOA_V
ClientSampleId :
MDL01

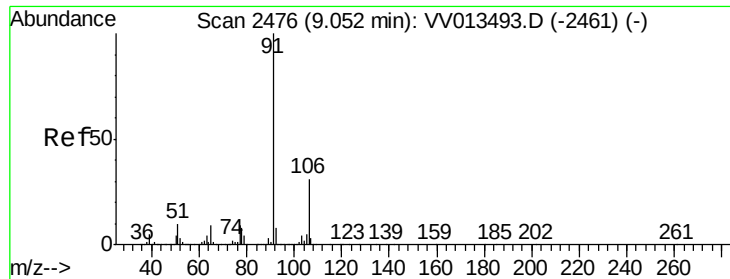
Tgt Ion:	107	Resp:	18097
Ion	Ratio	Lower	Upper
107	100		
109	90.7	65.7	122.1
188	4.1	3.5	5.3



#51
Chlorobenzene
Concen: 2.682 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013498.D
Acq: 06 Nov 2019 15:07

Tgt Ion:	112	Resp:	50227
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.8	42.4
77	61.0	46.7	70.1





#52

Ethylbenzene

Concen: 2.453 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

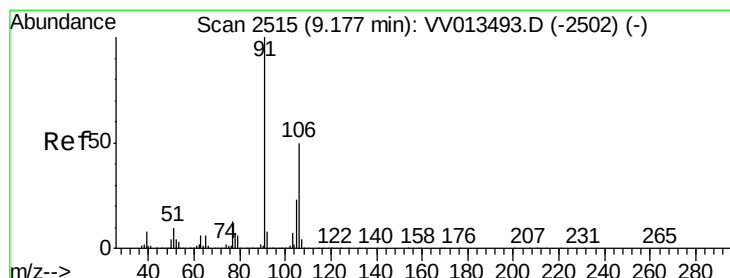
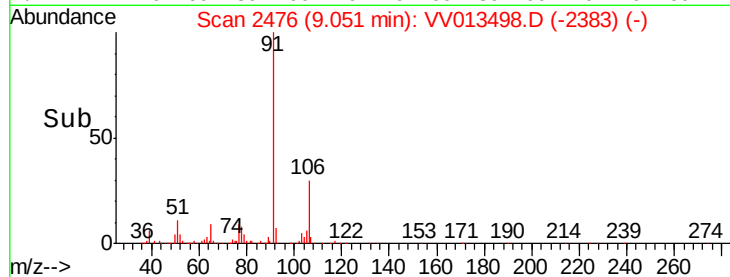
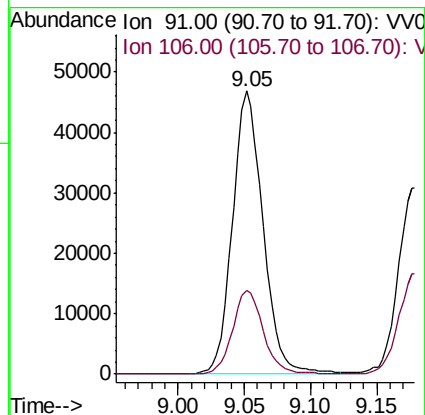
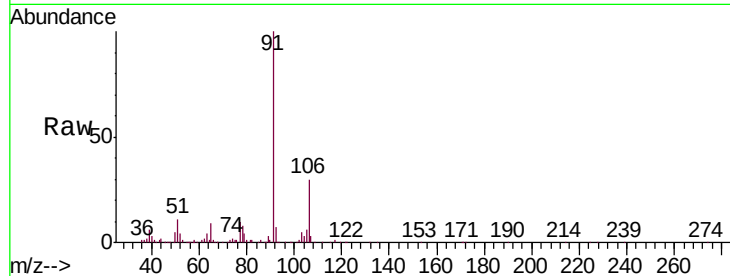
MDL01

Tgt Ion: 91 Resp: 74980

Ion Ratio Lower Upper

91 100

106 29.6 22.0 40.8



#53

m,p-Xylene

Concen: 2.408 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013498.D

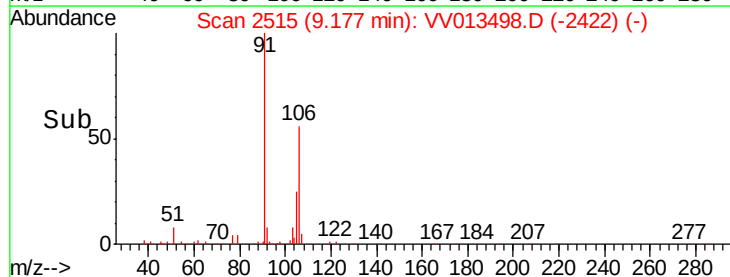
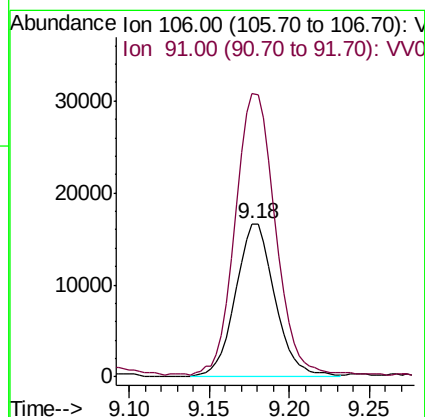
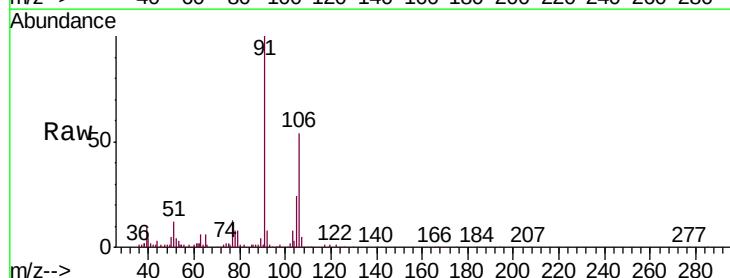
Acq: 06 Nov 2019 15:07

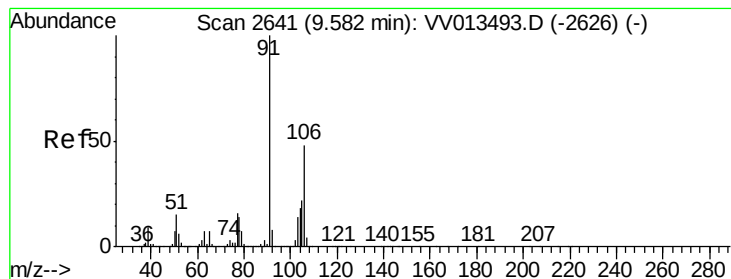
Tgt Ion: 106 Resp: 27938

Ion Ratio Lower Upper

106 100

91 184.6 141.6 263.0





#54

o-xylene

Concen: 2.216 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

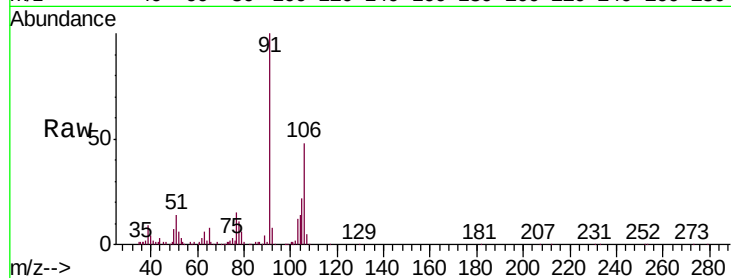
MDL01

Tgt Ion:106 Resp: 24660

Ion Ratio Lower Upper

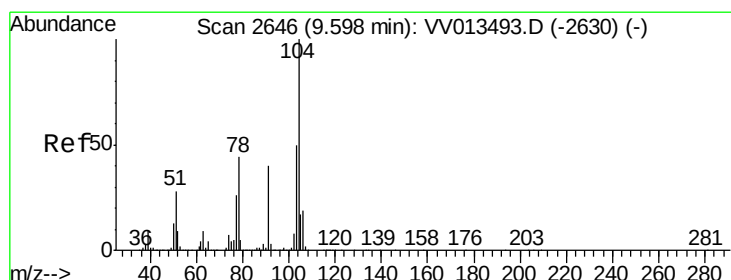
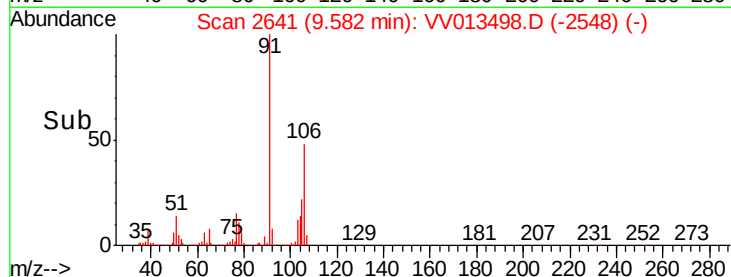
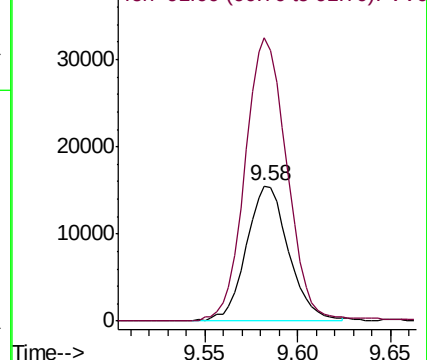
106 100

91 209.6 147.2 273.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 2.064 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV013498.D

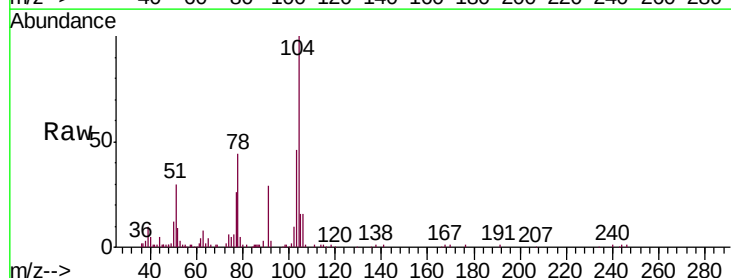
Acq: 06 Nov 2019 15:07

Tgt Ion:104 Resp: 39712

Ion Ratio Lower Upper

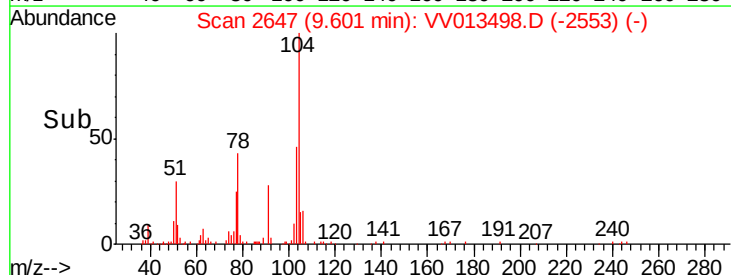
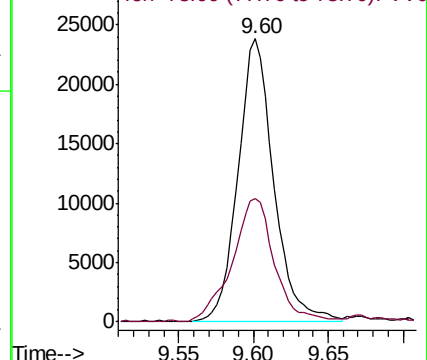
104 100

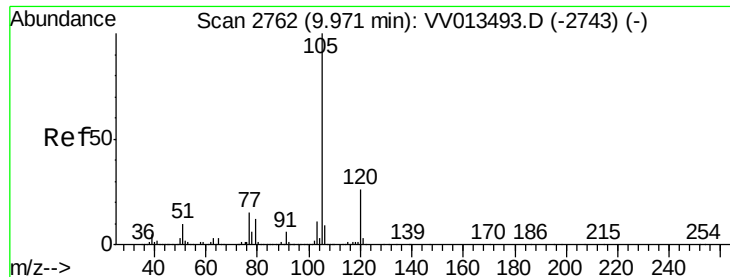
78 43.7 30.9 57.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 2.126 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampled :

MDL01

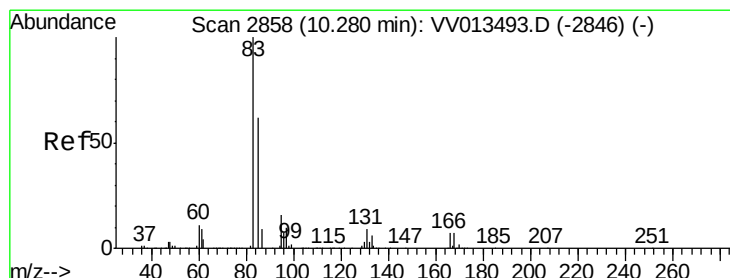
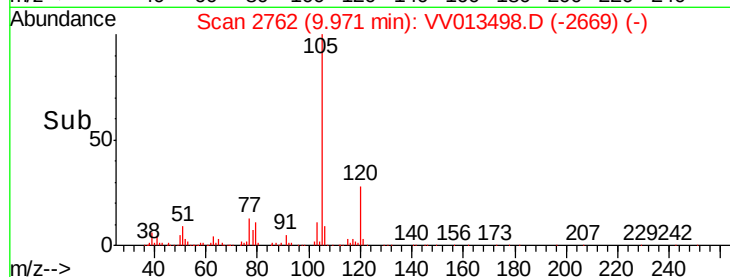
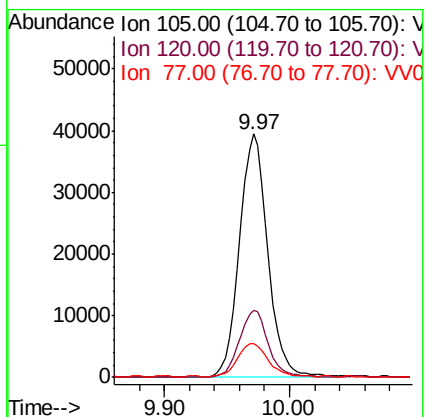
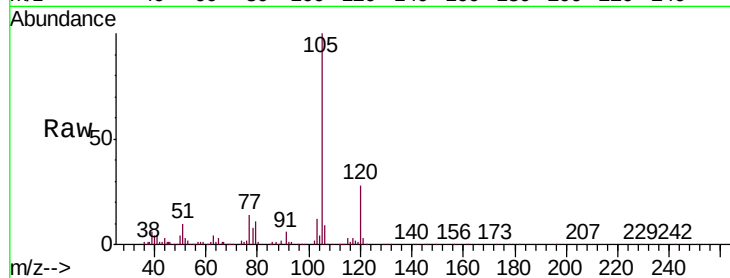
Tgt Ion:105 Resp: 62134

Ion Ratio Lower Upper

105 100

120 28.0 21.1 31.7

77 14.3 12.2 18.4



#58

1,1,2,2-Tetrachloroethane

Concen: 2.850 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

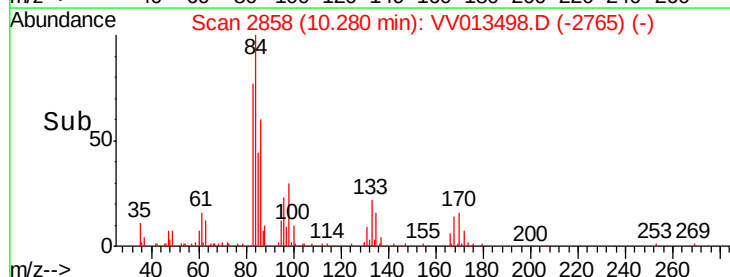
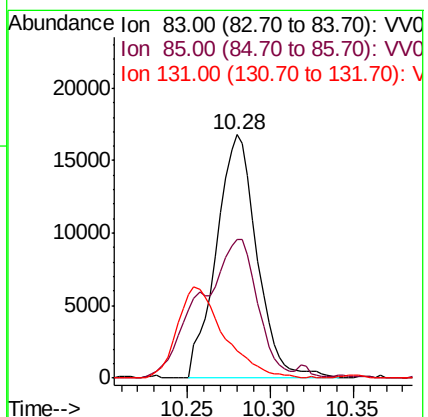
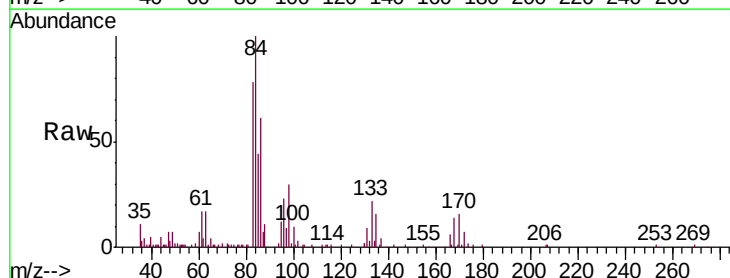
Tgt Ion: 83 Resp: 28672

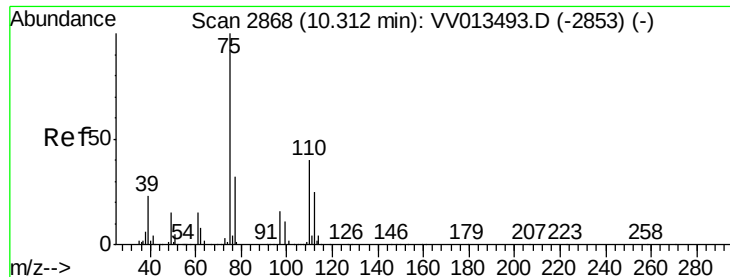
Ion Ratio Lower Upper

83 100

85 57.1 44.0 81.6

131 11.4 7.7 11.5

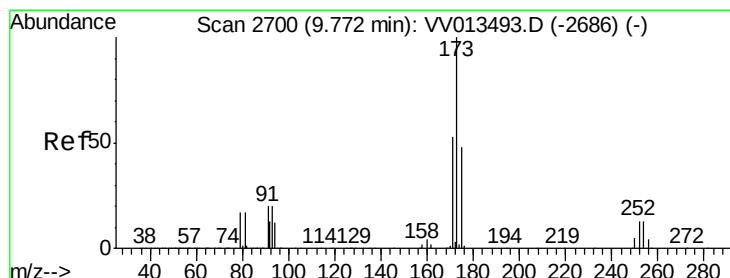
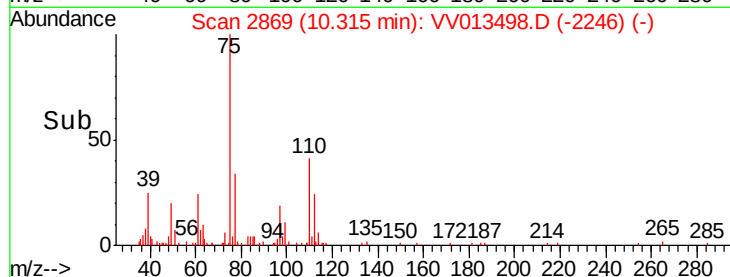
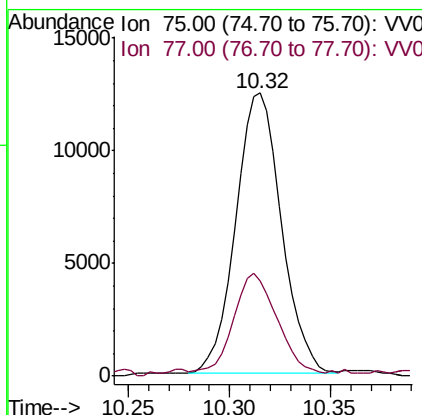
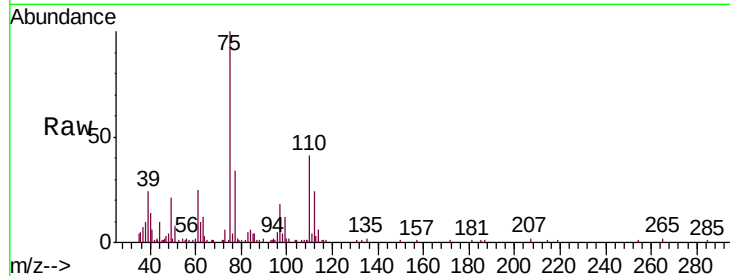




#59
 1,2,3-Trichloropropane
 Concen: 2.355 ug/L
 RT: 10.32 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

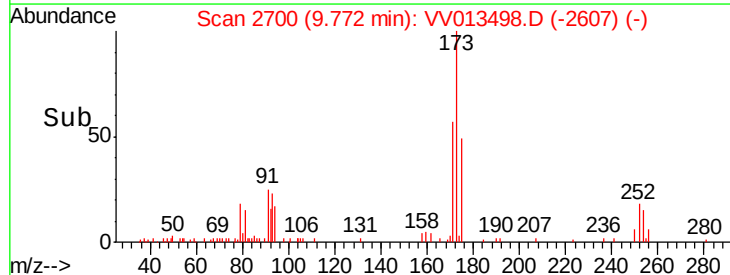
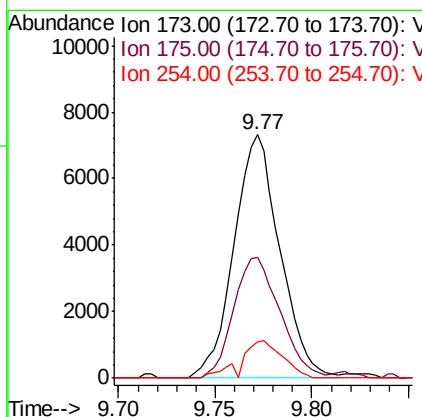
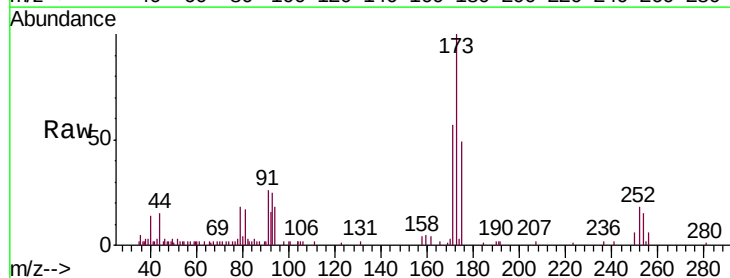
Instrument :
 MSVOA_V
 ClientSampleID :
 MDL01

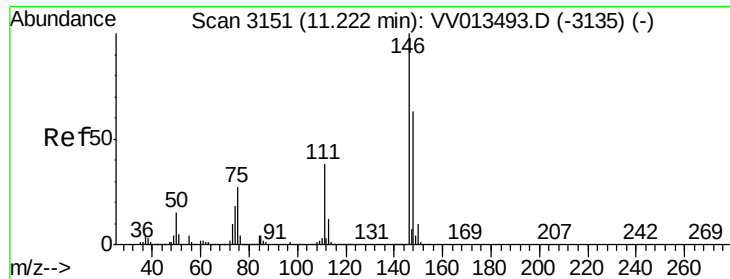
Tgt Ion: 75 Resp: 19732
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.2



#61
 Bromoform
 Concen: 2.315 ug/L
 RT: 9.77 min Scan# 2700
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Tgt Ion: 173 Resp: 12093
 Ion Ratio Lower Upper
 173 100
 175 49.7 39.0 58.4
 254 11.9 10.2 15.2

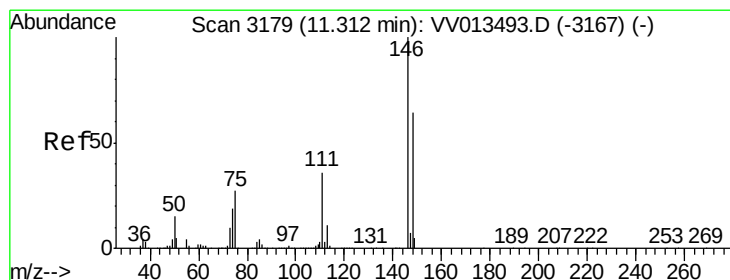
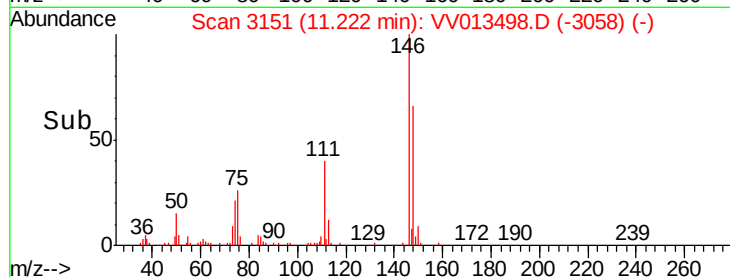
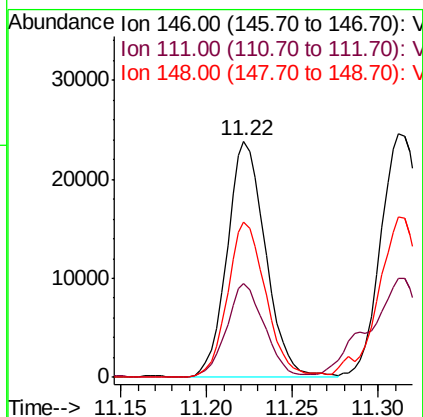
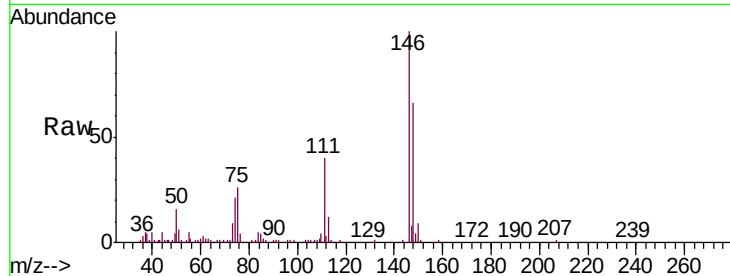




#62
 1,3-Dichlorobenzene
 Concen: 2.761 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

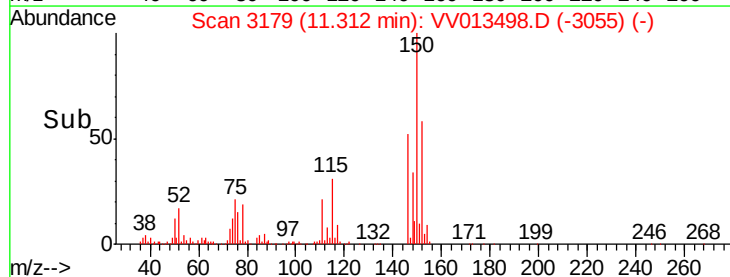
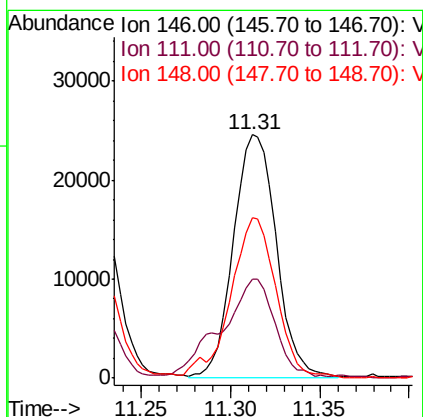
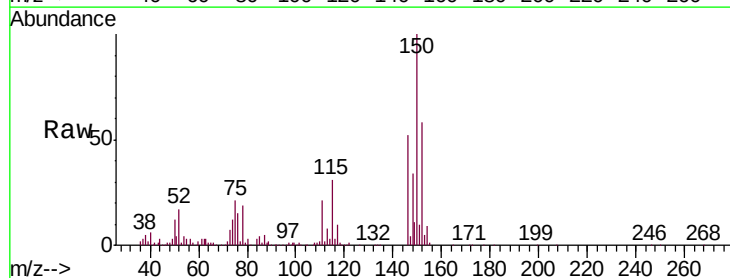
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

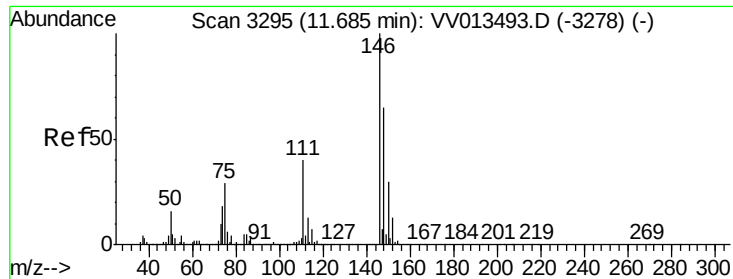
Tgt Ion:146 Resp: 37284
 Ion Ratio Lower Upper
 146 100
 111 39.9 26.4 49.0
 148 65.9 44.4 82.4



#63
 1,4-Dichlorobenzene
 Concen: 2.931 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Tgt Ion:146 Resp: 40988
 Ion Ratio Lower Upper
 146 100
 111 40.5 25.5 47.3
 148 65.7 44.9 83.5

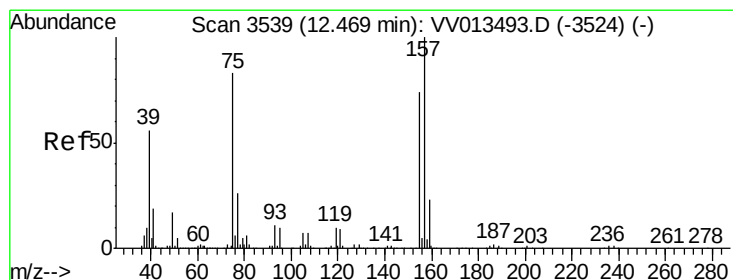
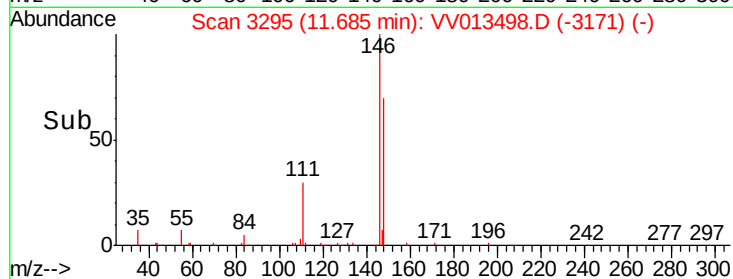
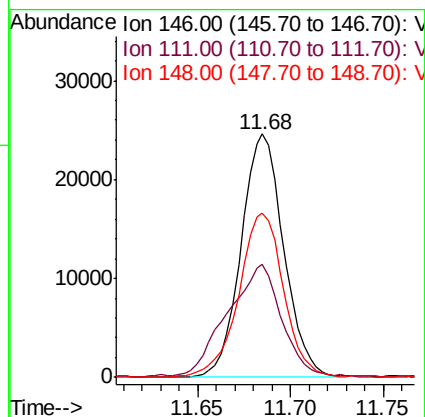
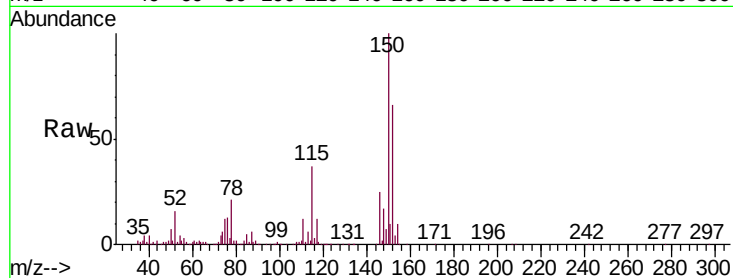




#65
 1,2-Dichlorobenzene
 Concen: 2.899 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

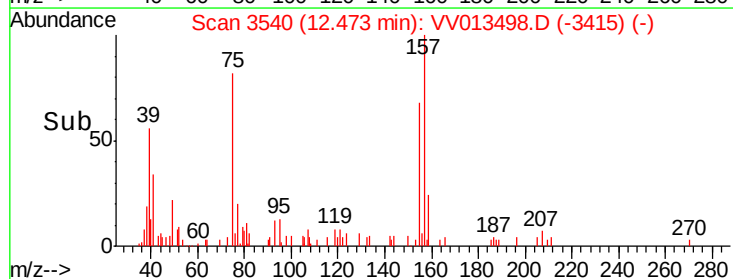
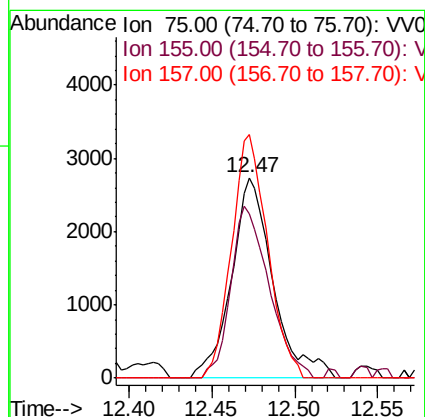
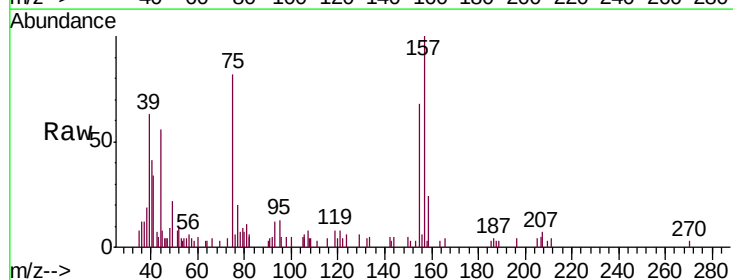
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

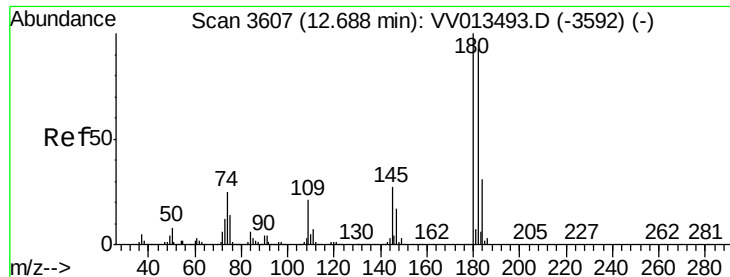
Tgt Ion: 146 Resp: 39203
 Ion Ratio Lower Upper
 146 100
 111 46.3 32.1 48.1
 148 67.5 52.0 78.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.550 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Tgt Ion: 75 Resp: 4756
 Ion Ratio Lower Upper
 75 100
 155 82.0 71.9 107.9
 157 121.4 96.6 145.0

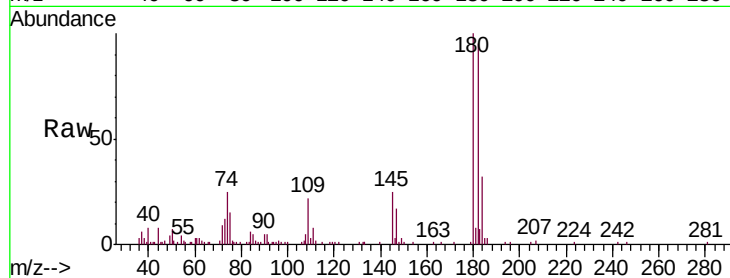




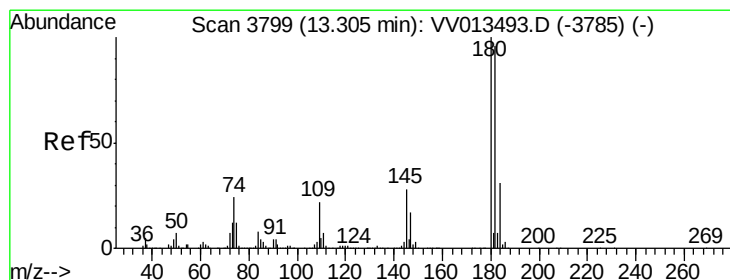
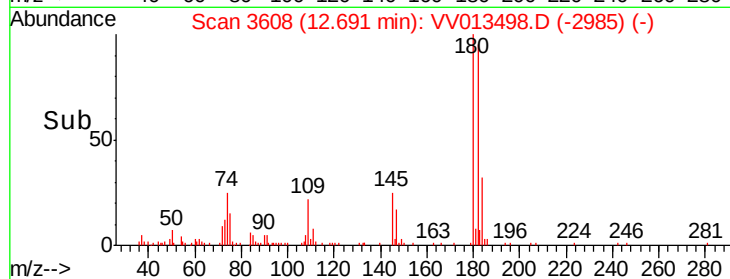
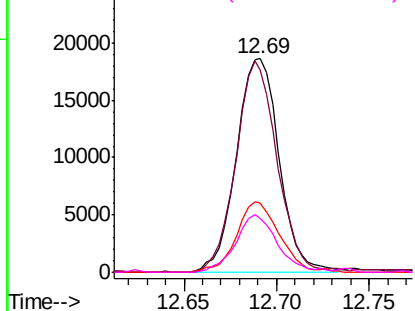
#67
 1,3,5-Trichlorobenzene
 Concen: 2.834 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

Tgt Ion:	180	Resp:	29890
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.2
184	32.8	24.3	36.5
145	25.9	21.2	31.8

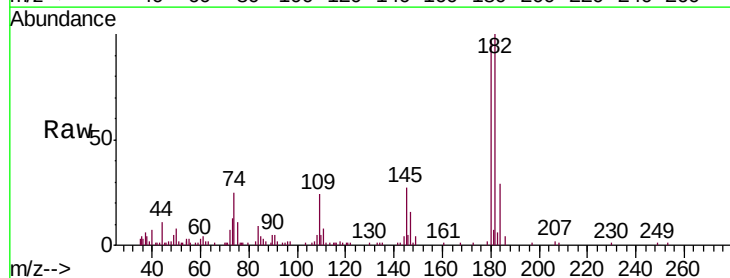


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

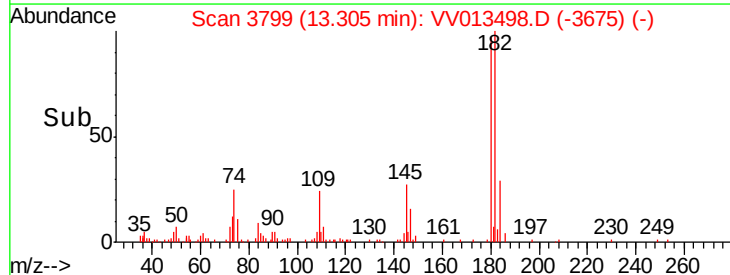
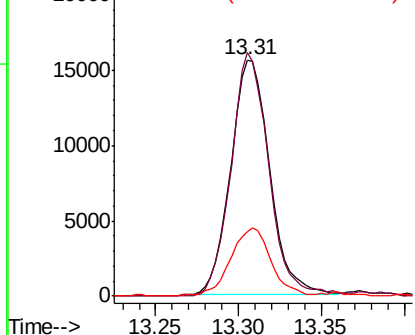


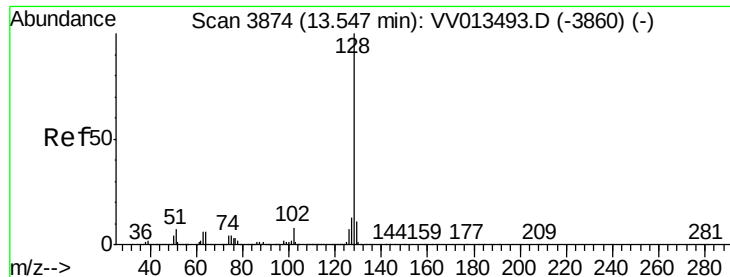
#68
 1,2,4-trichlorobenzene
 Concen: 2.758 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV013498.D
 Acq: 06 Nov 2019 15:07

Tgt Ion:	180	Resp:	25486
Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.4	114.6
145	30.2	22.4	33.6



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: 2.239 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

MDL01

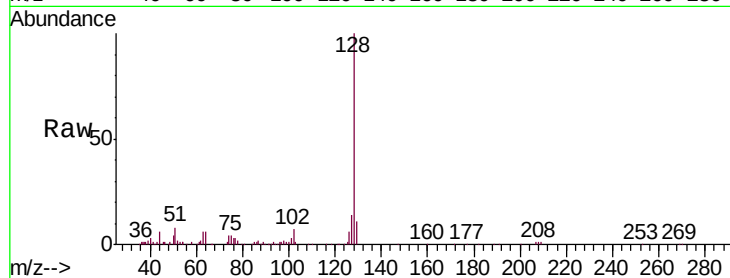
Tgt Ion:128 Resp: 55291

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

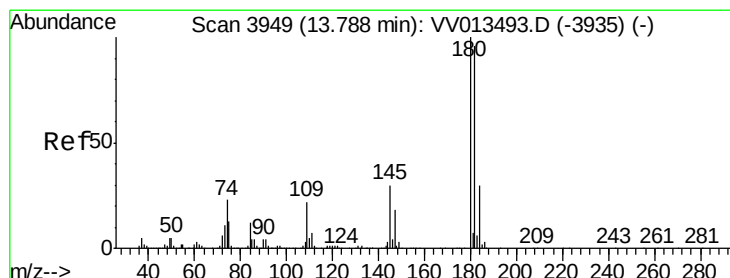
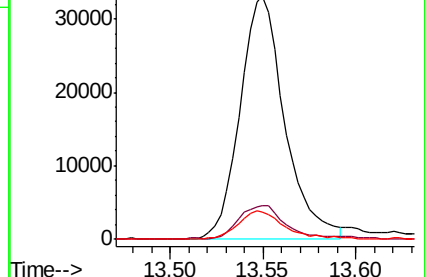
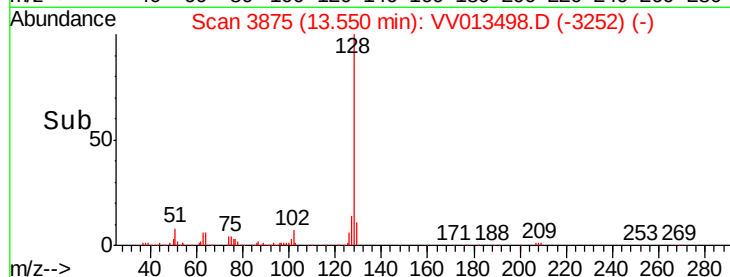
129 11.5 8.6 13.0



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: 2.614 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VV013498.D

Acq: 06 Nov 2019 15:07

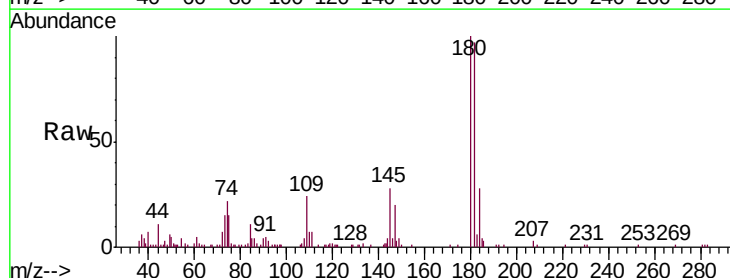
Tgt Ion:180 Resp: 25657

Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.0

145 29.4 24.0 36.0



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

