

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018185.D
 Acq On : 10 Sep 2020 17:26
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Sep 11 01:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292516	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147537	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102827	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.26%
7) Chloroethane-d5	1.58	69	90142	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.12	63	156639	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.64%
21) 2-Butanone-d5	3.91	46	148017	101.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.44%
24) Chloroform-d	4.38	84	190100	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.06	65	130410	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.08	84	397773	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.09	67	130176	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.34	98	354663	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.64	79	60944	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.11	63	92686	92.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157090	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	154102	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4210	1.974 ug/L	99
3) Chloromethane	1.25	50	4549	1.953 ug/L	97
5) Vinyl chloride	1.32	62	4991	2.090 ug/L #	60
6) Bromomethane	1.53	94	2872	1.967 ug/L	97
8) Chloroethane	1.60	64	3151	2.106 ug/L	94
9) Trichlorofluoromethane	1.77	101	6520	1.984 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5250	2.660 ug/L #	81
12) 1,1-Dichloroethene	2.13	96	5018	2.613 ug/L #	1
13) Acetone	2.20	43	4636	3.968 ug/L	77
14) Carbon disulfide	2.31	76	11662	1.984 ug/L	99
15) Methyl Acetate	2.46	43	4163	1.983 ug/L	92
16) Methylene chloride	2.53	84	4915	2.282 ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	3780	1.910 ug/L	93
18) Methyl tert-butyl Ether	2.79	73	11334	1.851 ug/L	97
19) 1,1-Dichloroethane	3.22	63	7333	1.959 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	2197	1.038 ug/L	96
23) Bromochloromethane	4.28	128	2149	1.941 ug/L	97

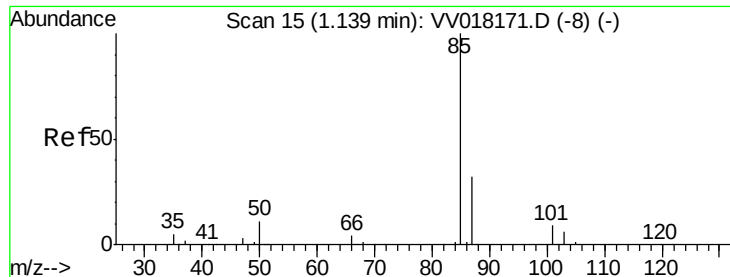
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.41	83	14940	3.927	ug/L	95
27) 1,2-Dichloroethane	5.17	62	6115	2.076	ug/L	97
29) Cyclohexane	4.71	56	6149	1.831	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	6372	1.888	ug/L	100
31) Carbon tetrachloride	4.86	117	5620	1.893	ug/L	100
33) Benzene	5.13	78	15287	1.838	ug/L	100
34) Trichloroethene	5.95	95	4705	2.077	ug/L	96
35) Methylcyclohexane	6.16	83	6657	1.952	ug/L	95
37) 1,2-Dichloropropane	6.21	63	4215	1.913	ug/L #	87
38) Bromodichloromethane	6.54	83	5373	1.874	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	6307	1.858	ug/L	94
40) 4-Methyl-2-pentanone	7.25	43	8947	3.347	ug/L	97
42) Toluene	7.41	91	16783	1.907	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	5485	1.659	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	4094	2.004	ug/L	96
46) Tetrachloroethene	8.00	164	3502	1.972	ug/L	93
48) 2-Hexanone	8.16	43	15587	7.395	ug/L	98
49) Dibromochloromethane	8.27	129	4183	1.824	ug/L	96
50) 1,2-Dibromoethane	8.38	107	4014	1.867	ug/L #	93
51) Chlorobenzene	8.90	112	11458	2.005	ug/L	97
52) Ethylbenzene	9.04	91	17158	1.786	ug/L	100
53) m,p-Xylene	9.16	106	6334	1.766	ug/L	90
54) o-xylene	9.57	106	5898	1.707	ug/L	98
55) Styrene	9.59	104	9772	1.627	ug/L	95
56) Isopropylbenzene	9.95	105	15325	1.646	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	6337	2.097	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	5126	1.978	ug/L	98
61) Bromoform	9.76	173	2648	1.671	ug/L #	93
62) 1,3-Dichlorobenzene	11.21	146	8684	1.979	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	9194	2.039	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	9570	2.158	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.67	75	1042	1.665	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.67	180	6736	1.948	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	5552	1.803	ug/L	97
69) Naphthalene	13.53	128	10763	1.381	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	5167	1.703	ug/L	95

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



#2

Dichlorodifluoromethane

Concen: 1.974 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

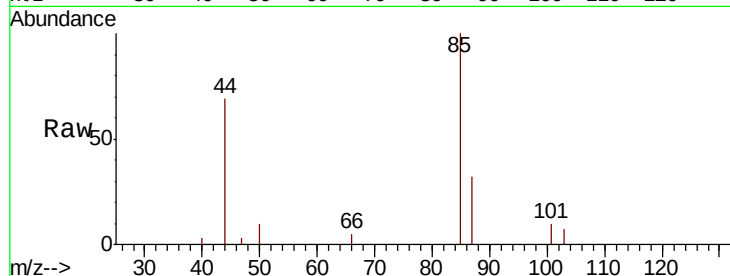
MDL03

Tot Ion: 85 Resp: 4210

Ion Ratio Lower Upper

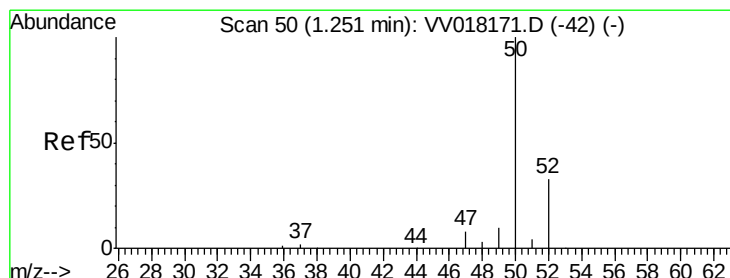
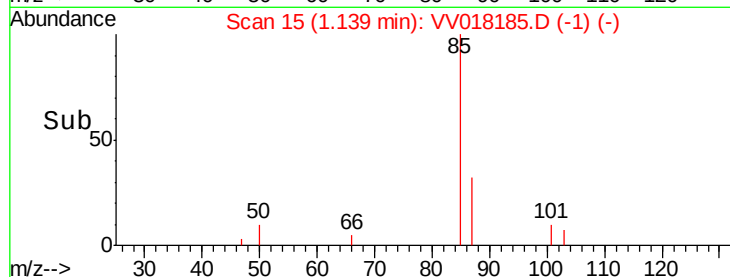
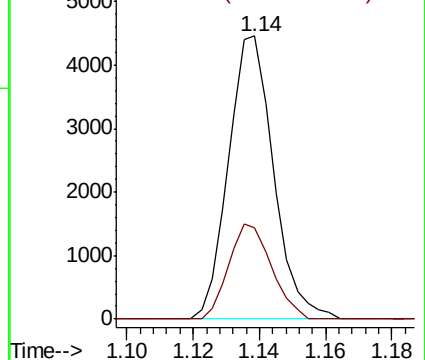
85 100

87 31.8 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 1.953 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018185.D

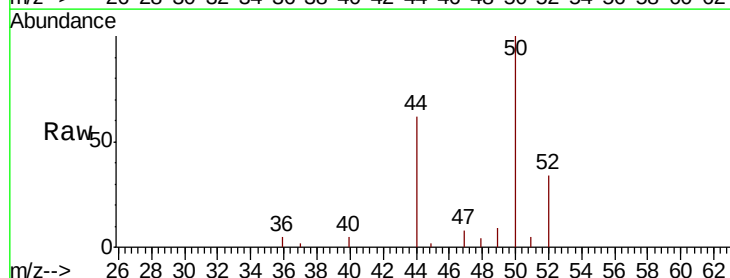
Acq: 10 Sep 2020 17:26

Tgt Ion: 50 Resp: 4549

Ion Ratio Lower Upper

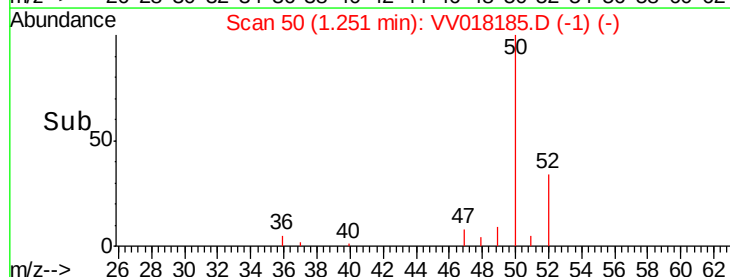
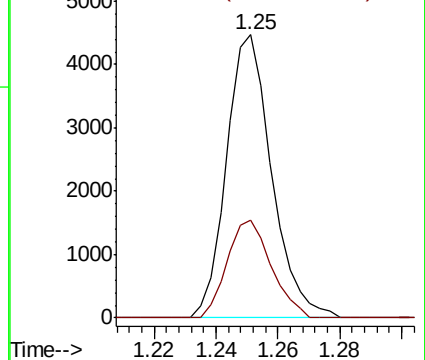
50 100

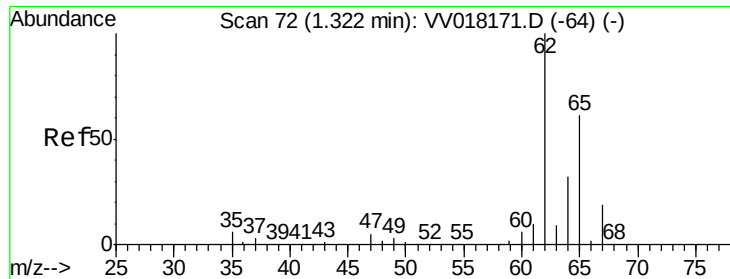
52 34.4 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 2.090 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

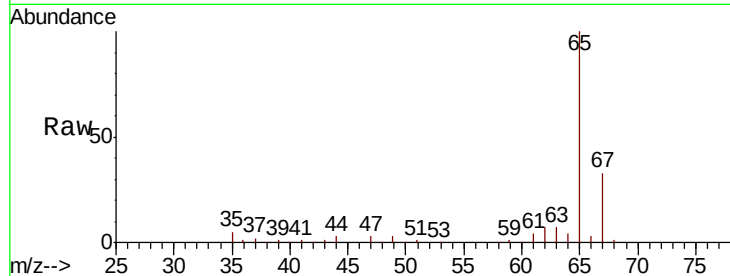
MDL03

Tot Ion: 62 Resp: 4991

Ion Ratio Lower Upper

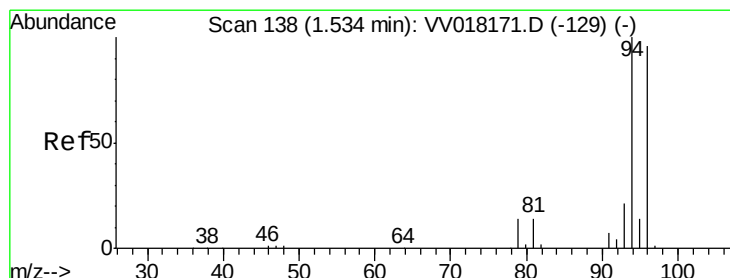
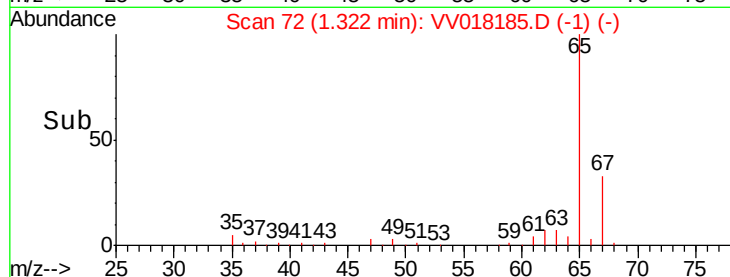
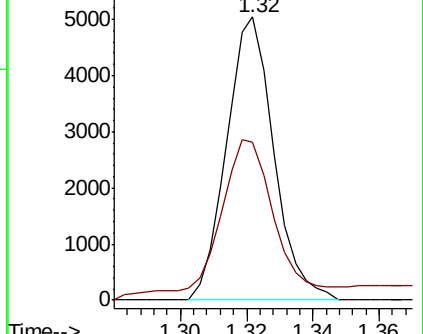
62 100

64 55.6 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 1.967 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV018185.D

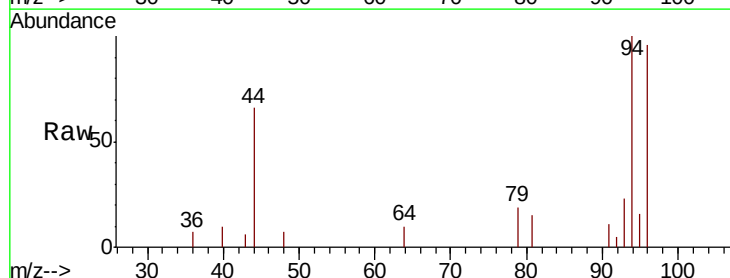
Acq: 10 Sep 2020 17:26

Tgt Ion: 94 Resp: 2872

Ion Ratio Lower Upper

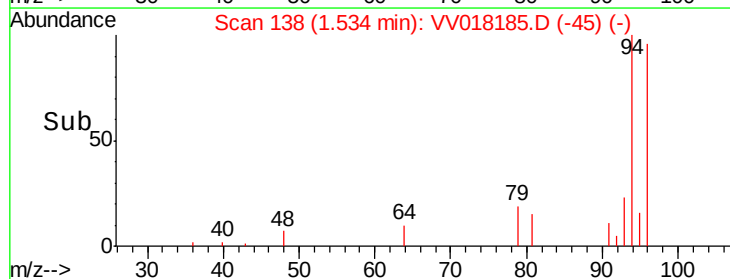
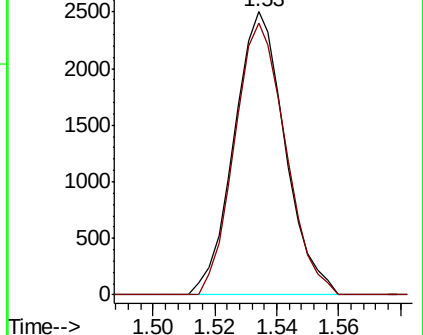
94 100

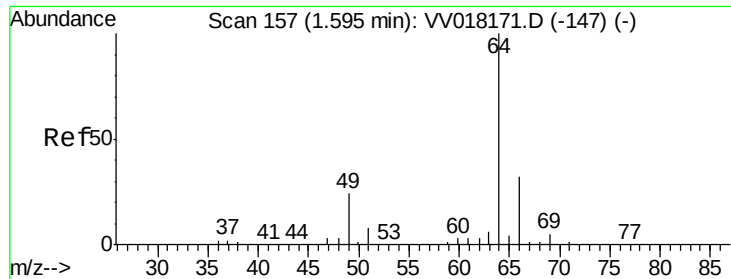
96 96.1 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 2.106 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

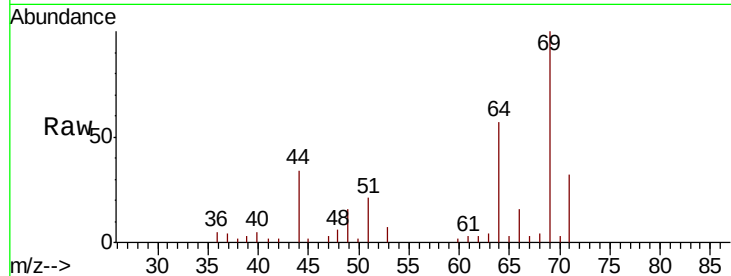
MDL03

Tot Ion: 64 Resp: 3151

Ion Ratio Lower Upper

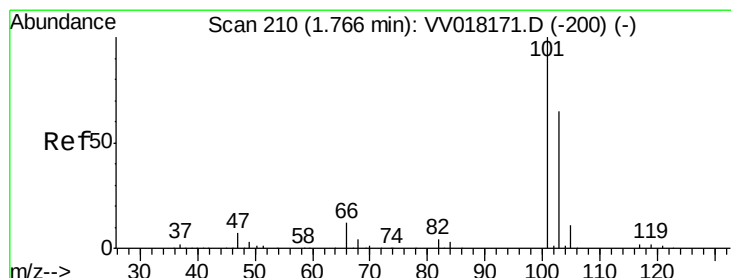
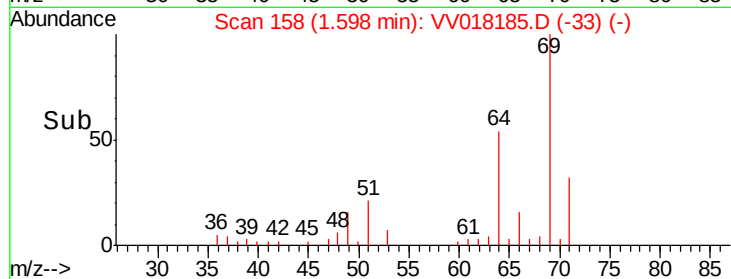
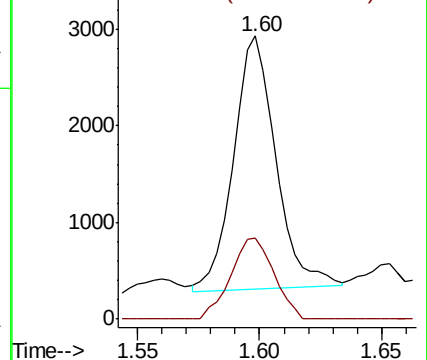
64 100

66 28.8 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#9

Trichlorofluoromethane

Concen: 1.984 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV018185.D

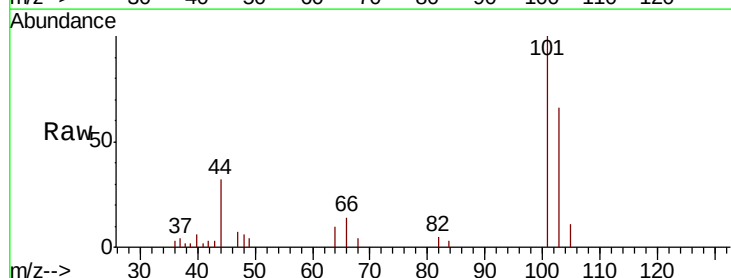
Acq: 10 Sep 2020 17:26

Tgt Ion: 101 Resp: 6520

Ion Ratio Lower Upper

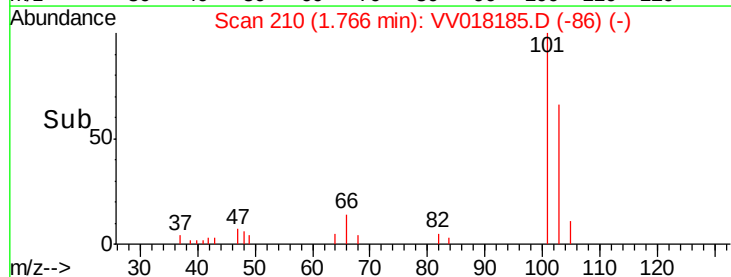
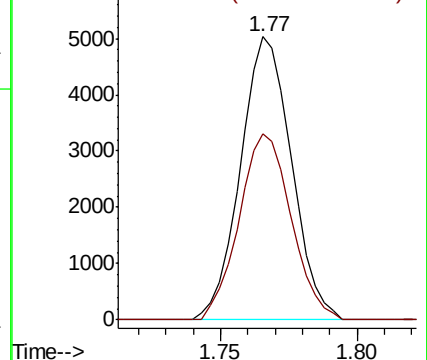
101 100

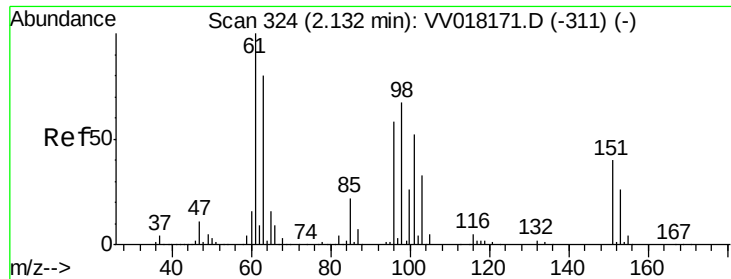
103 67.1 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 2.660 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

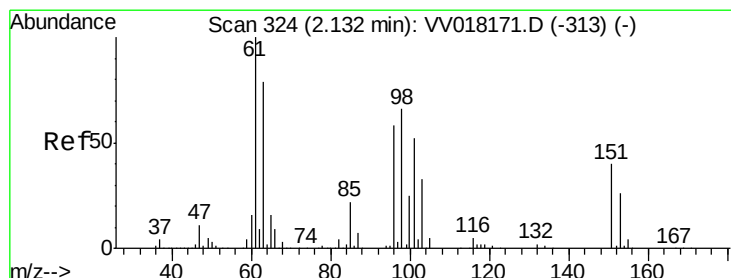
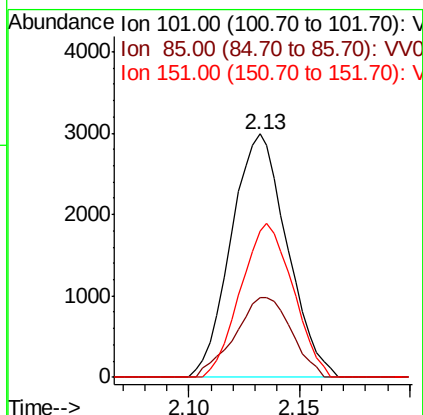
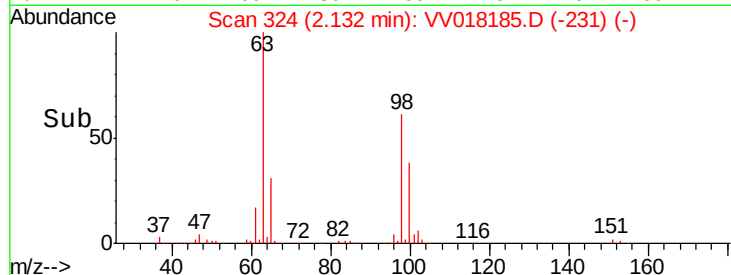
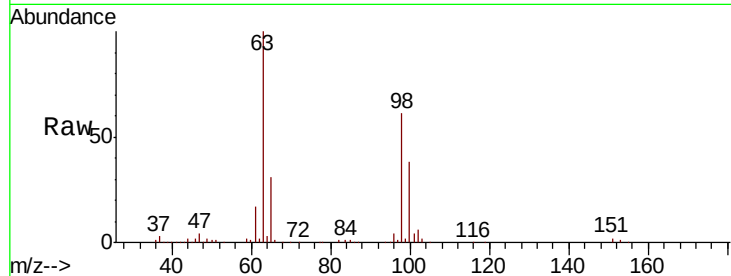
Tot Ion:101 Resp: 5250

Ion Ratio Lower Upper

101 100

85 33.0 33.5 50.3#

151 59.1 62.2 93.2#



#12

1,1-Dichloroethene

Concen: 2.613 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

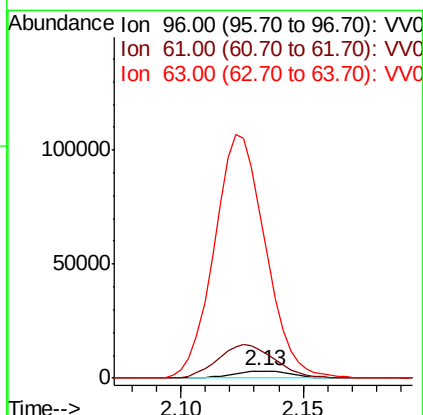
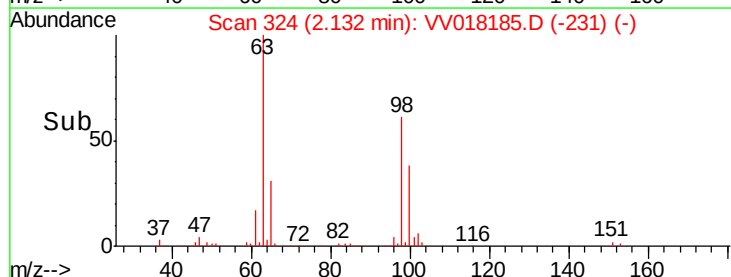
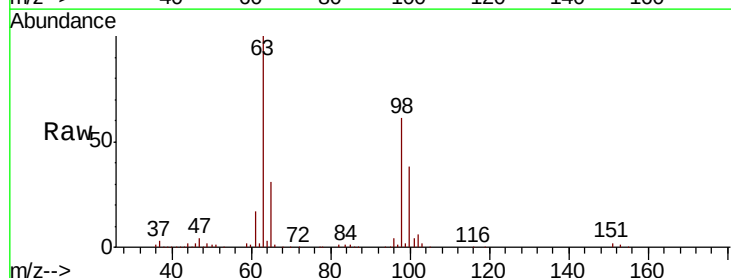
Tgt Ion: 96 Resp: 5018

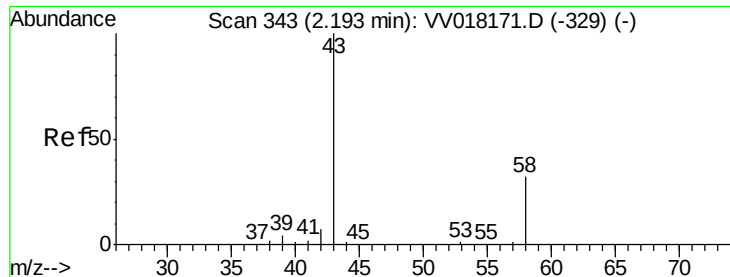
Ion Ratio Lower Upper

96 100

61 394.8 122.9 228.3#

63 2347.4 91.9 170.7#





#13

Acetone

Concen: 3.968 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

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ClientSampleId :

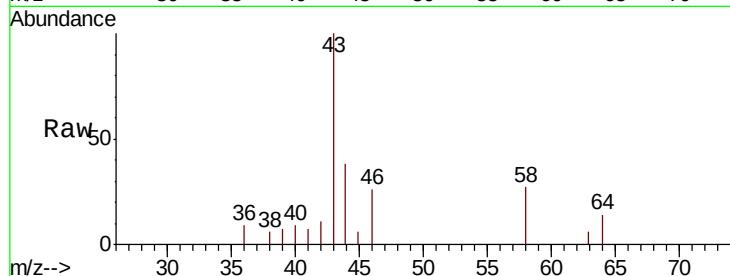
MDL03

Tot Ion: 43 Resp: 4636

Ion Ratio Lower Upper

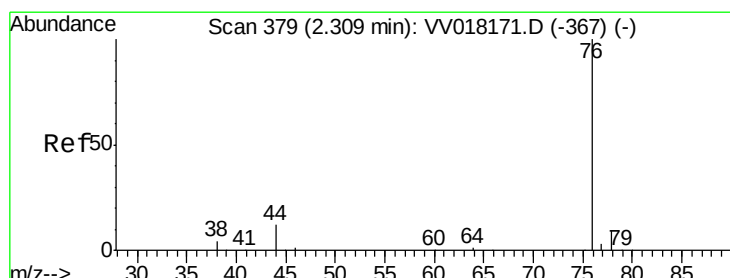
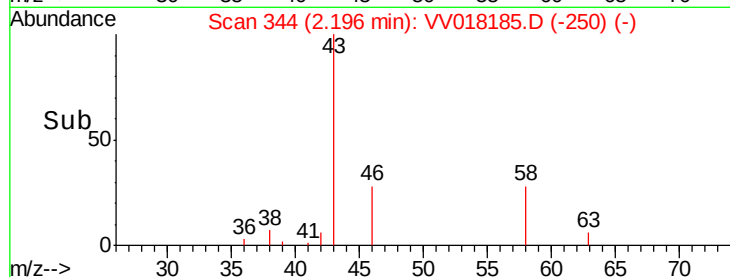
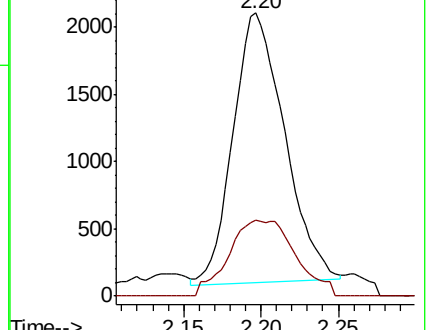
43 100

58 20.4 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018171.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018171.D (-329) (-)



#14

Carbon disulfide

Concen: 1.984 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018185.D

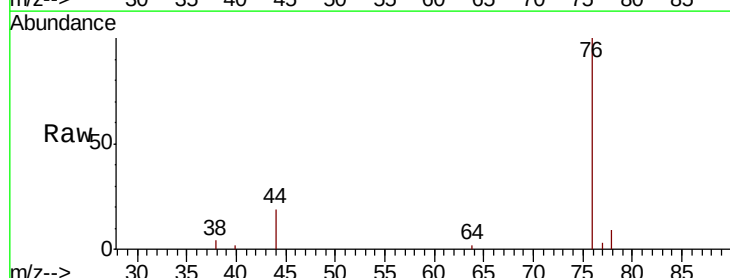
Acq: 10 Sep 2020 17:26

Tgt Ion: 76 Resp: 11662

Ion Ratio Lower Upper

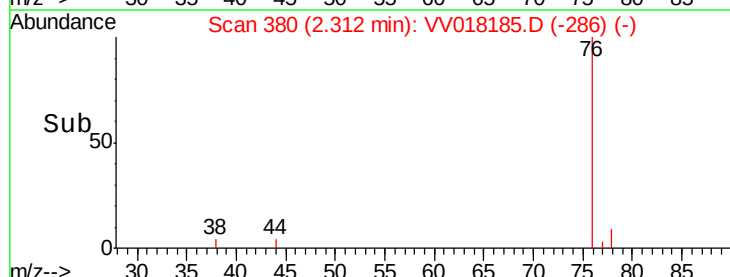
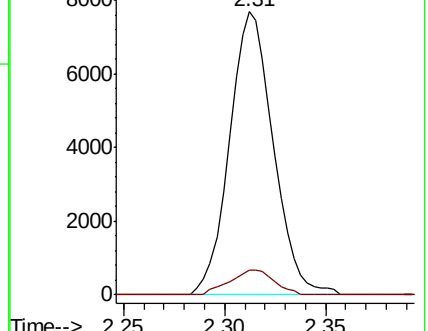
76 100

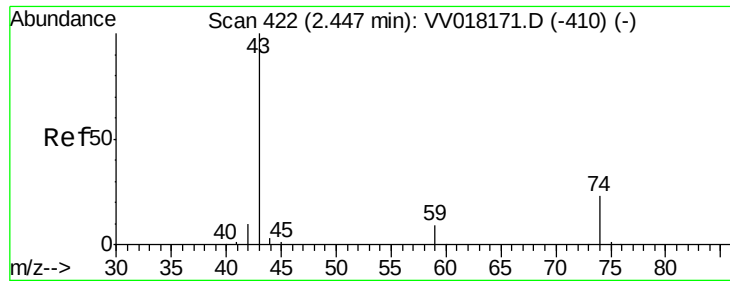
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV018171.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV018171.D (-367) (-)

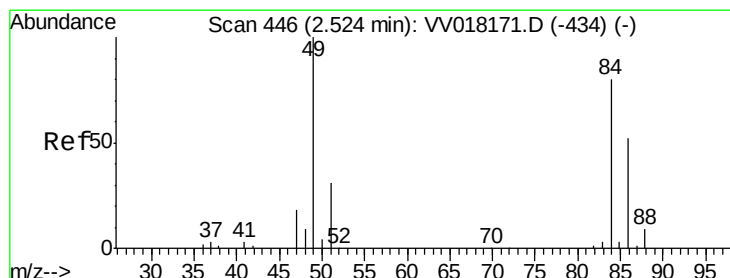
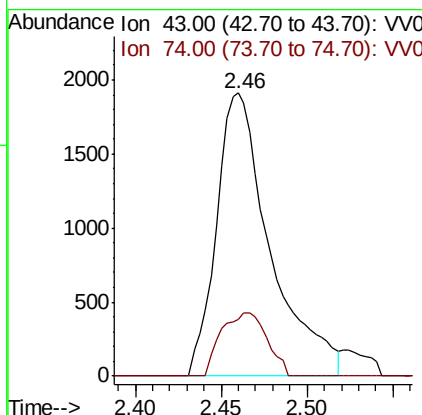
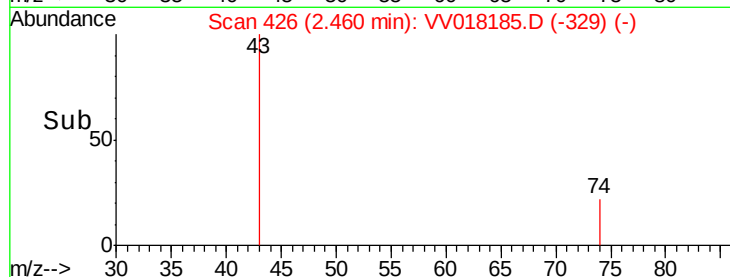
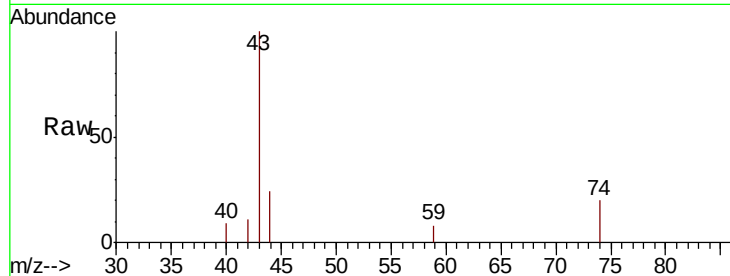




#15
Methvl Acetate
Concen: 1.983 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

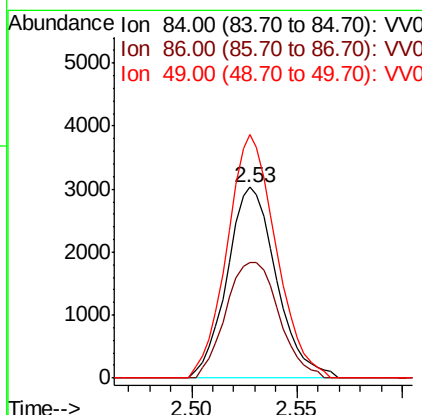
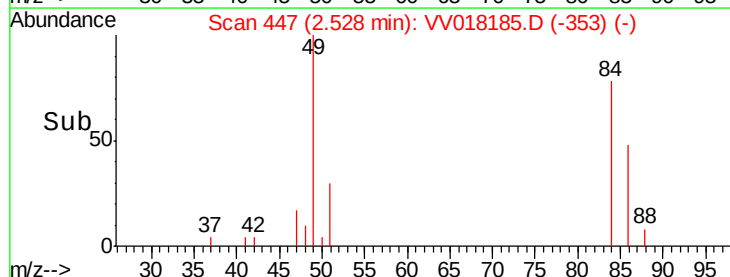
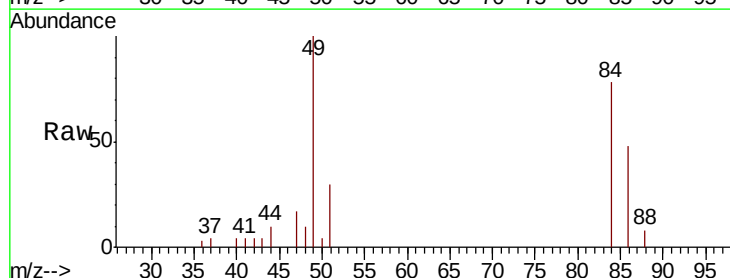
Instrument :
MSVOA_V
ClientSampleId :
MDL03

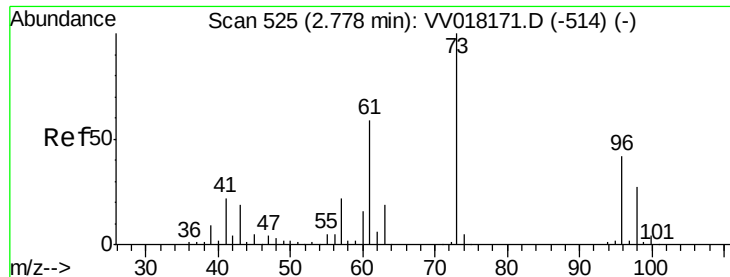
Tot Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
74 19.1 18.4 27.6



#16
Methylene chloride
Concen: 2.282 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion: 84 Resp: 4915
Ion Ratio Lower Upper
84 100
86 60.9 44.4 82.4
49 127.7 87.2 162.0

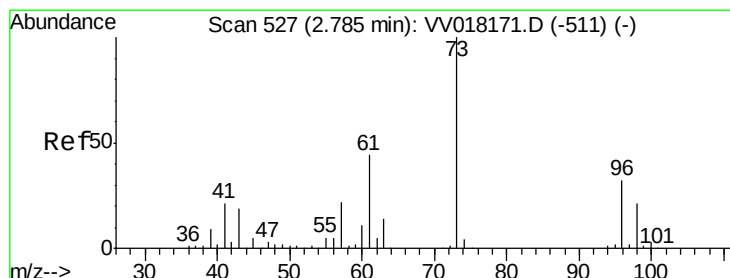
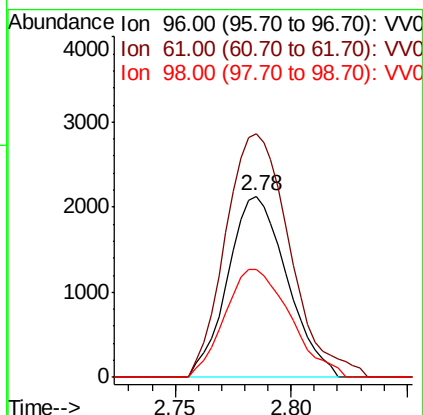
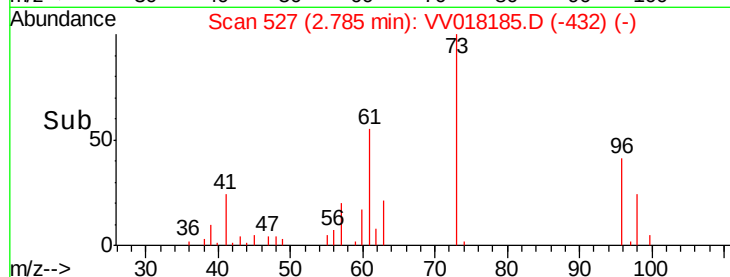
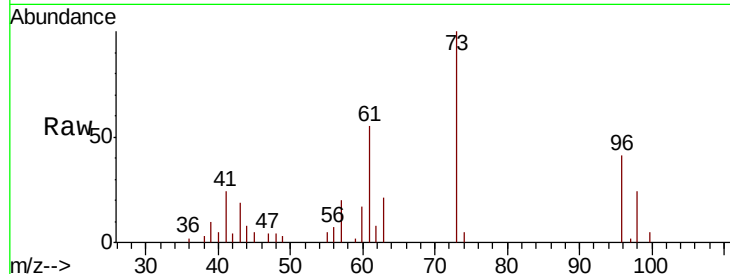




#17
trans-1,2-Dichloroethene
Concen: 1.910 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

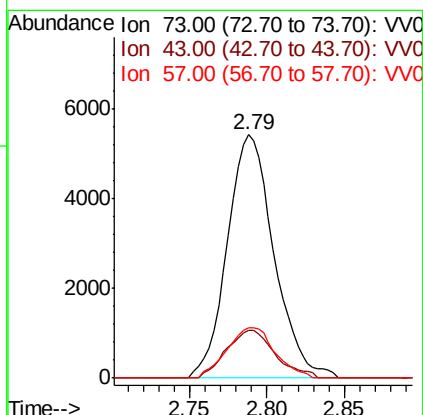
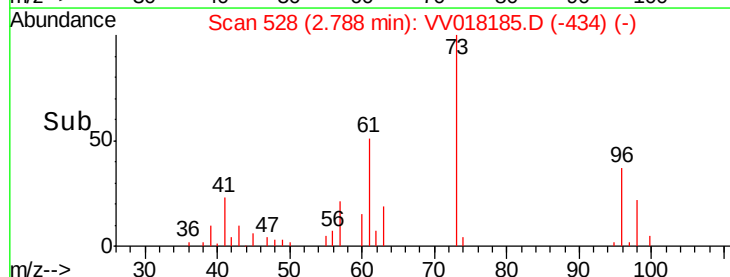
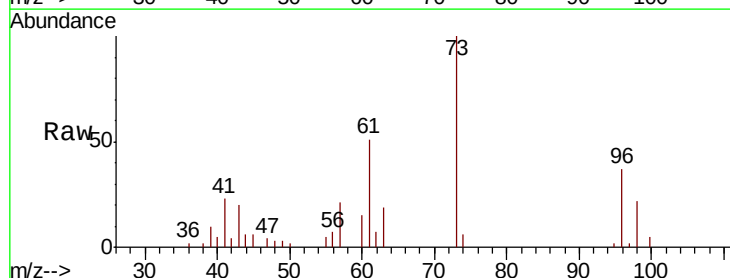
Instrument :
MSVOA_V
ClientSampleId :
MDL03

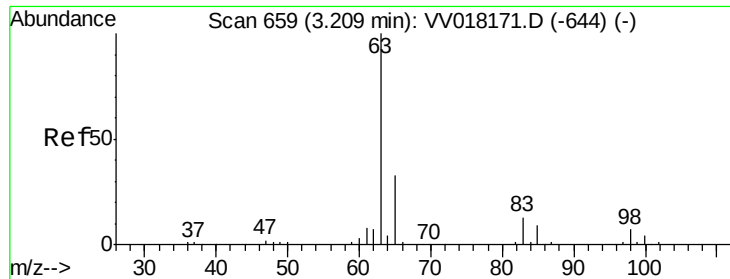
Tot Ion: 96 Resp: 3780
Ion Ratio Lower Upper
96 100
61 134.3 100.7 186.9
98 59.5 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 1.851 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion: 73 Resp: 11334
Ion Ratio Lower Upper
73 100
43 20.5 15.4 23.0
57 21.4 18.0 27.0

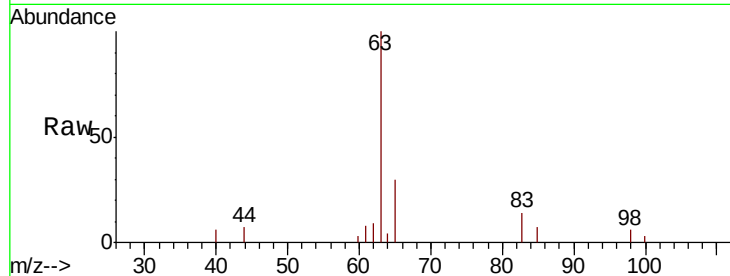




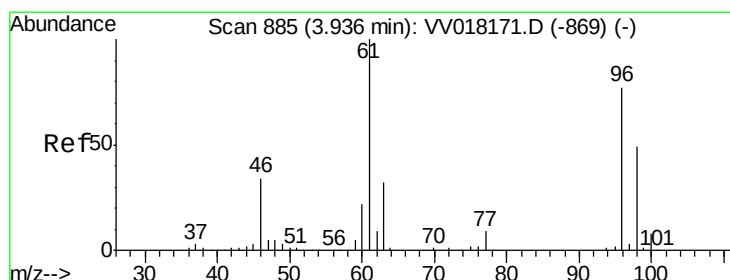
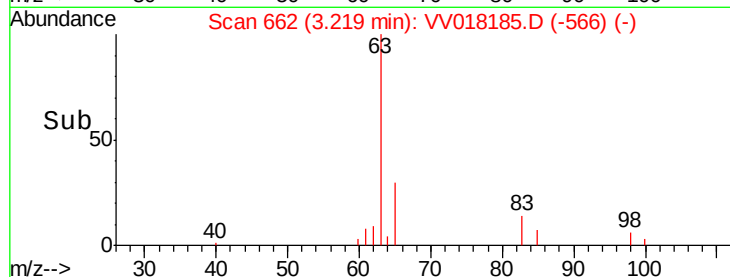
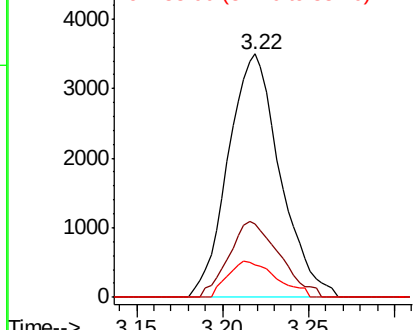
#19
 1,1-Dichloroethane
 Concen: 1.959 ug/L
 RT: 3.22 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Tot Ion: 63 Resp: 7333
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.5 41.7
 83 13.6 9.3 17.3

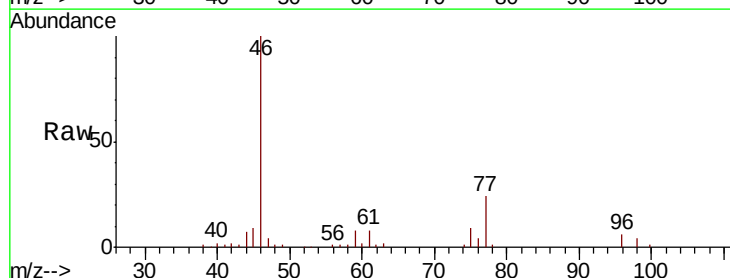


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

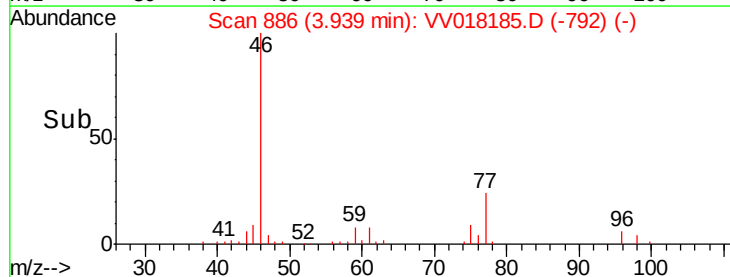
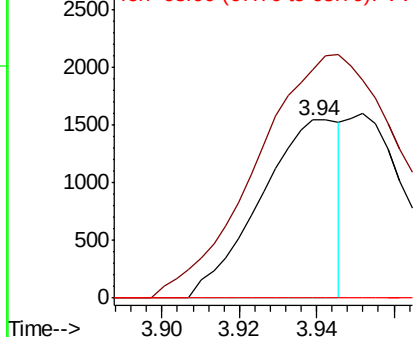


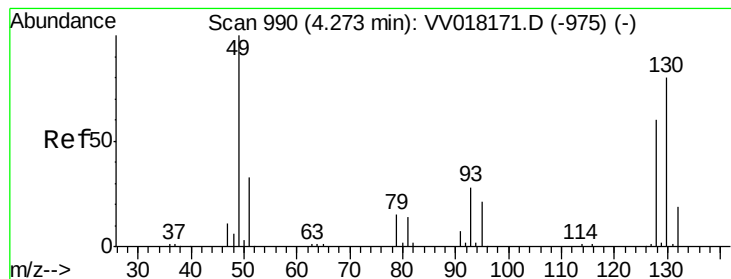
#20
 cis-1,2-Dichloroethene
 Concen: 1.038 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion: 96 Resp: 2197
 Ion Ratio Lower Upper
 96 100
 61 128.4 93.6 173.8
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#23

Bromochloromethane

Concen: 1.941 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tot Ion:128 Resp: 2149

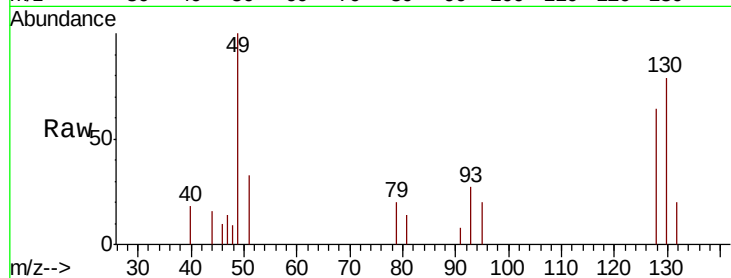
Ion Ratio Lower Upper

128 100

49 156.6 114.4 212.6

130 124.4 87.9 163.3

51 51.1 41.8 62.8

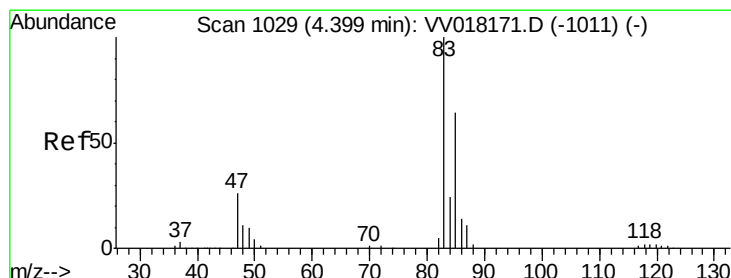
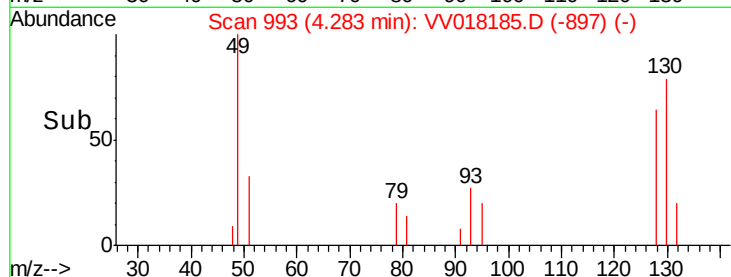
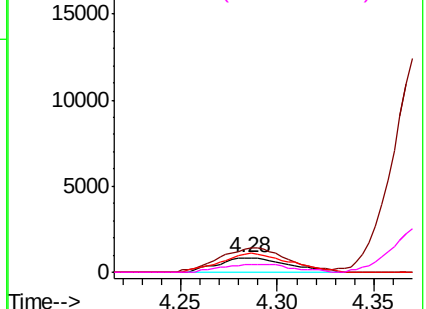


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 3.927 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018185.D

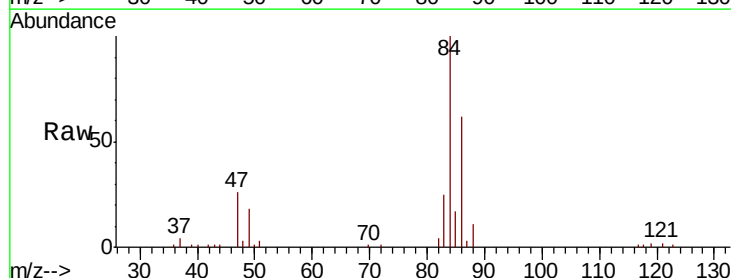
Acq: 10 Sep 2020 17:26

Tgt Ion: 83 Resp: 14940

Ion Ratio Lower Upper

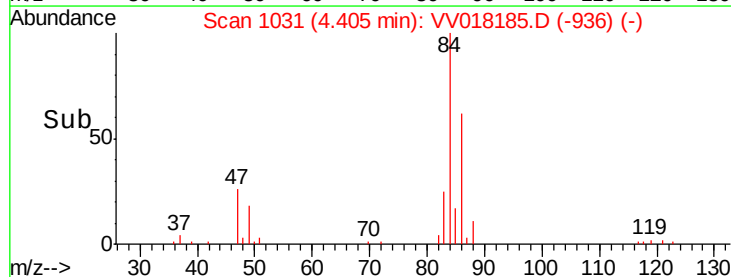
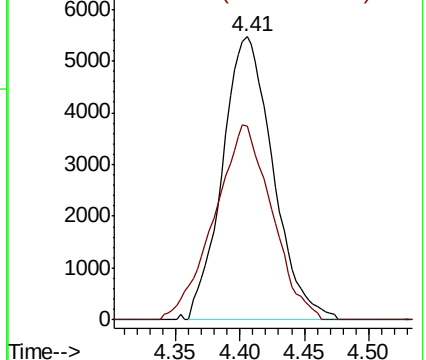
83 100

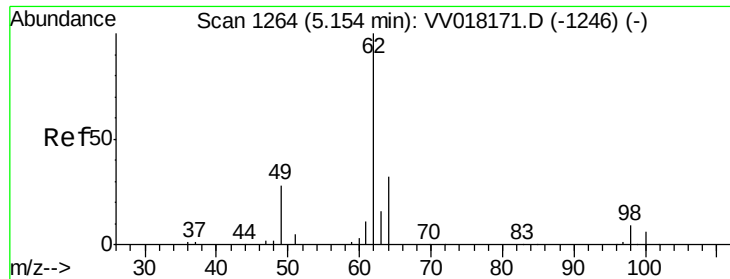
85 68.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

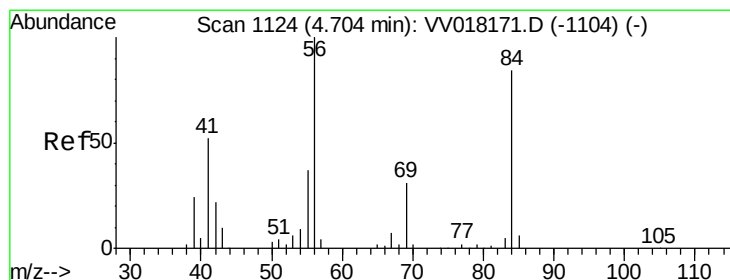
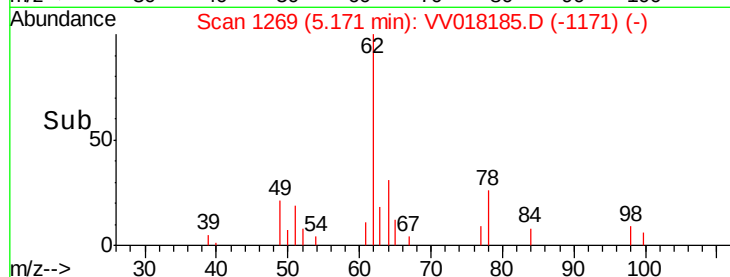
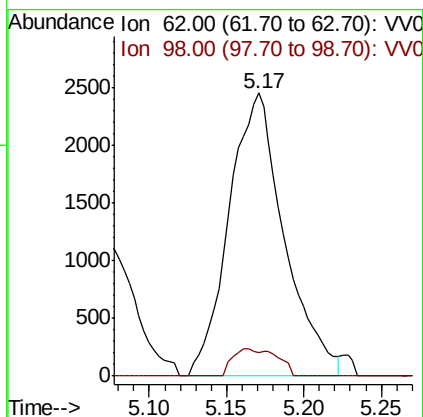
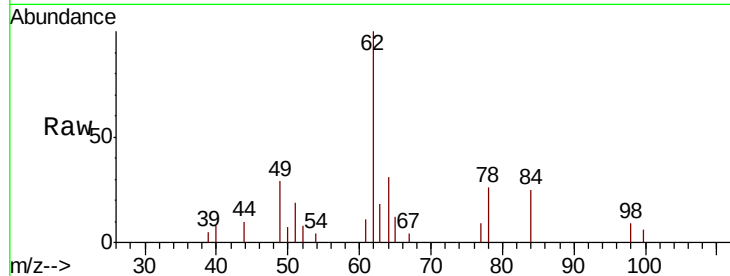




#27
 1,2-Dichloroethane
 Concen: 2.076 ug/L
 RT: 5.17 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

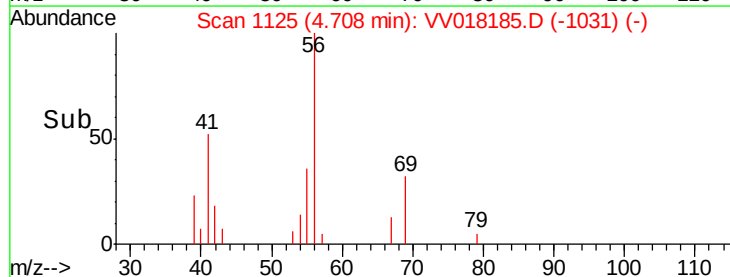
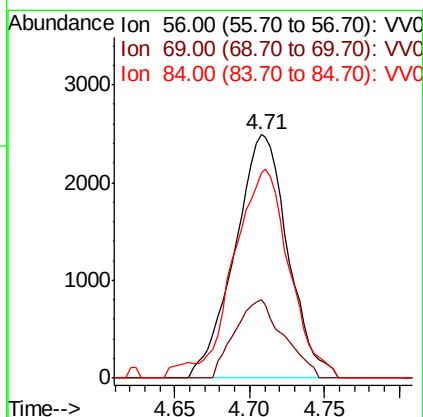
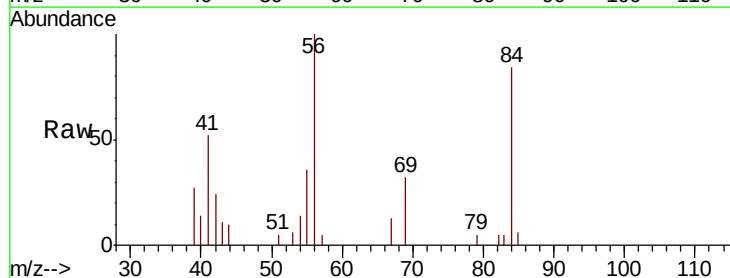
Instrument :
 MSVOA_V
 ClientSampled :
 MDL03

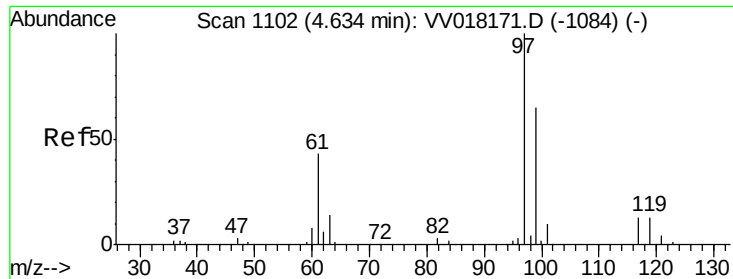
Tot Ion: 62 Resp: 6115
 Ion Ratio Lower Upper
 62 100
 98 8.5 7.6 11.4



#29
 Cyclohexane
 Concen: 1.831 ug/L
 RT: 4.71 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion: 56 Resp: 6149
 Ion Ratio Lower Upper
 56 100
 69 29.6 24.2 36.2
 84 88.1 68.3 102.5

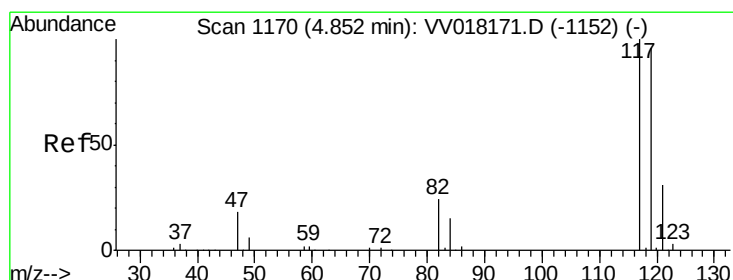
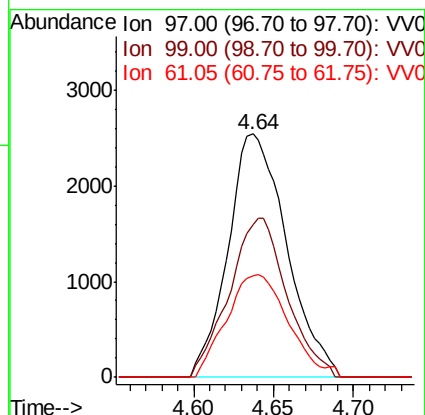
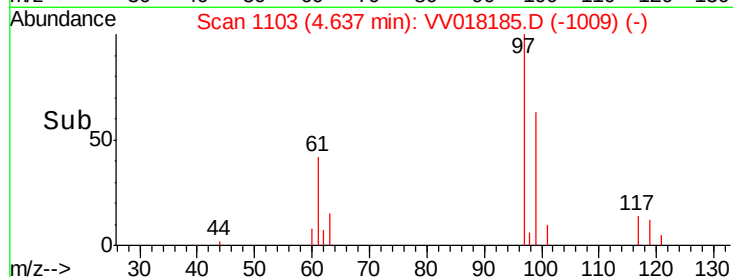
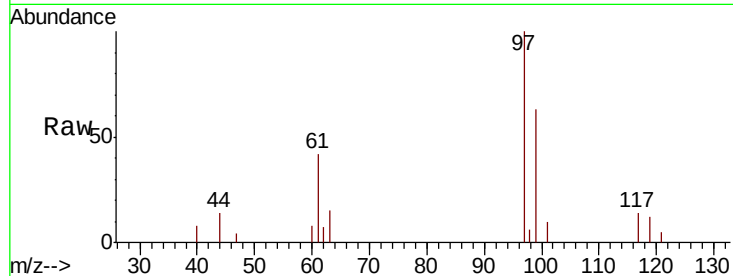




#30
 1,1,1-Trichloroethane
 Concen: 1.888 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

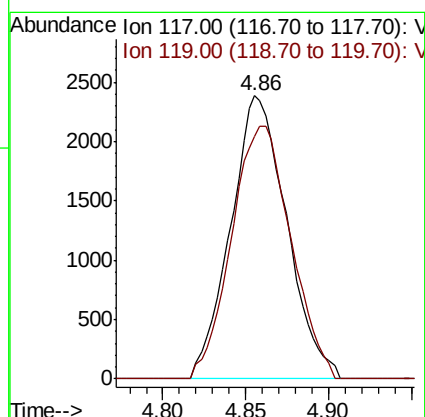
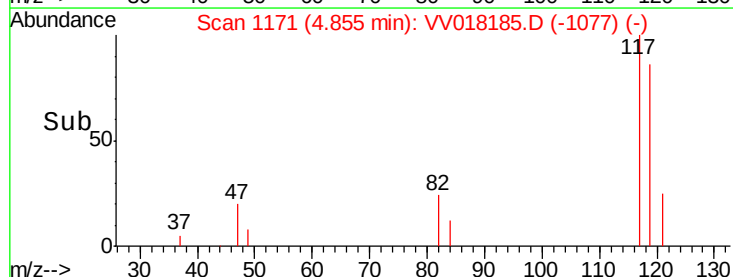
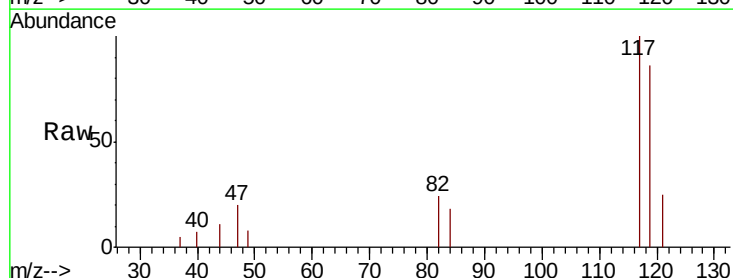
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

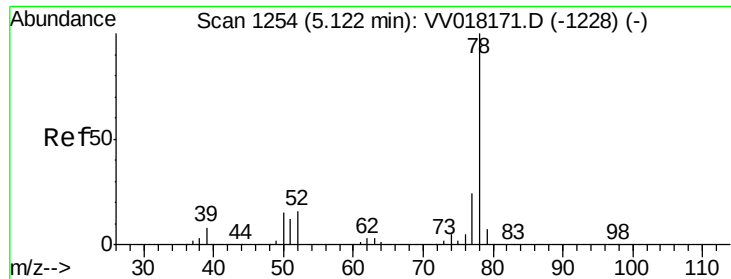
Tot Ion: 97 Resp: 6372
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 44.1 34.9 52.3



#31
 Carbon tetrachloride
 Concen: 1.893 ug/L
 RT: 4.86 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion: 117 Resp: 5620
 Ion Ratio Lower Upper
 117 100
 119 94.2 75.7 113.5





#33

Benzene

Concen: 1.838 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

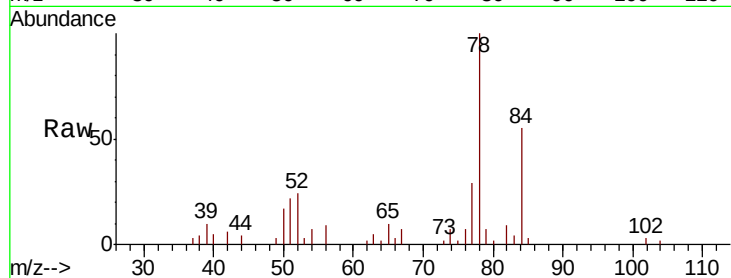
Instrument :

MSVOA_V

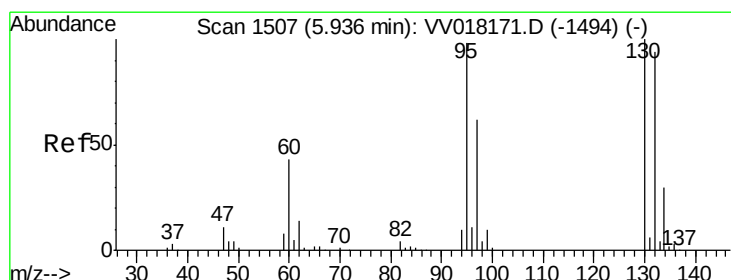
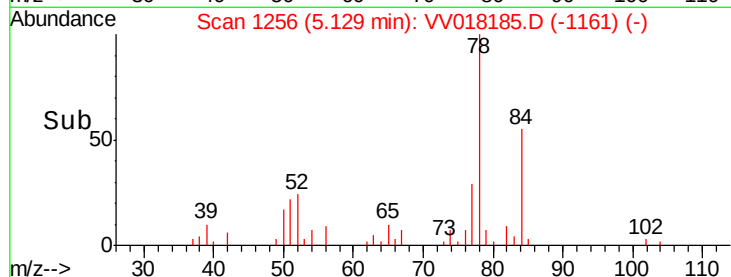
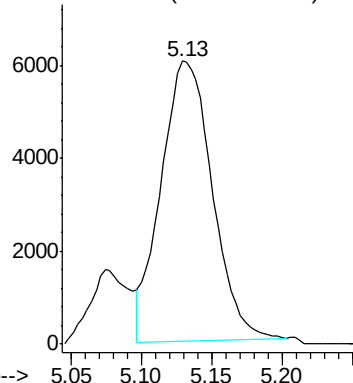
ClientSampled :

MDL03

Tgt Ion: 78 Resp: 15287



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 2.077 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Tgt Ion: 95 Resp: 4705

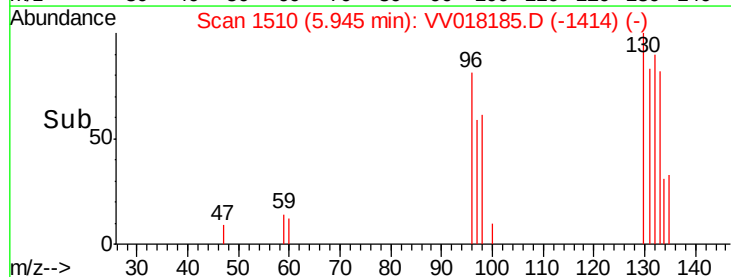
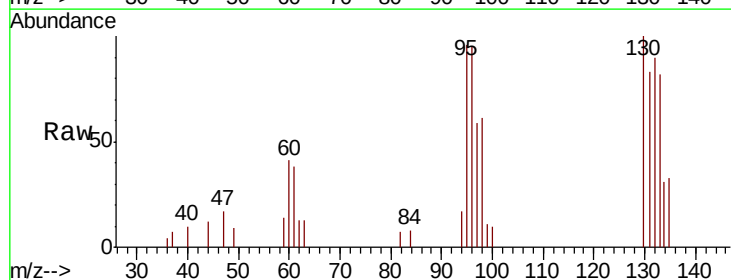
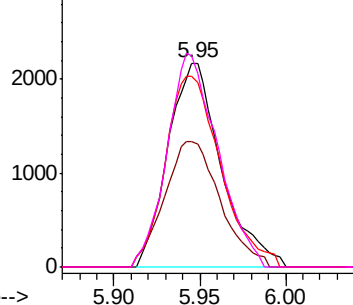
Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.3	85.9
132	93.6	68.1	126.5
130	104.1	71.5	132.9

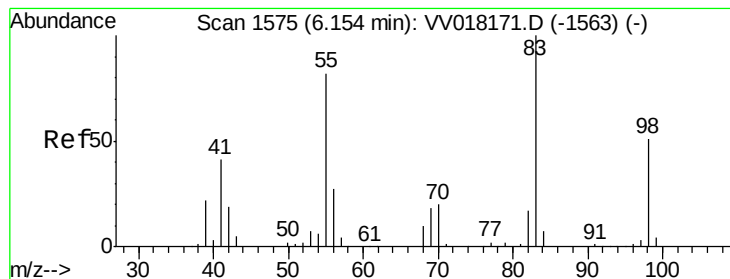
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#35

Methylvlcyclohexane

Concen: 1.952 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

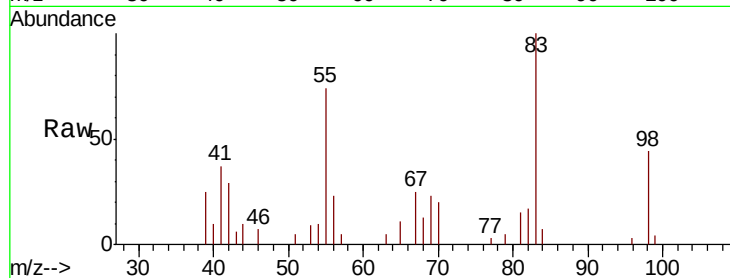
Tot Ion: 83 Resp: 6657

Ion Ratio Lower Upper

83 100

55 75.0 63.4 95.2

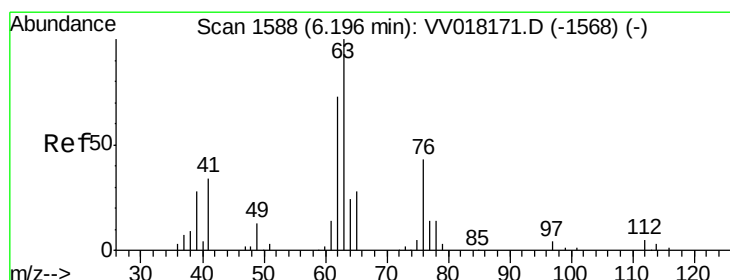
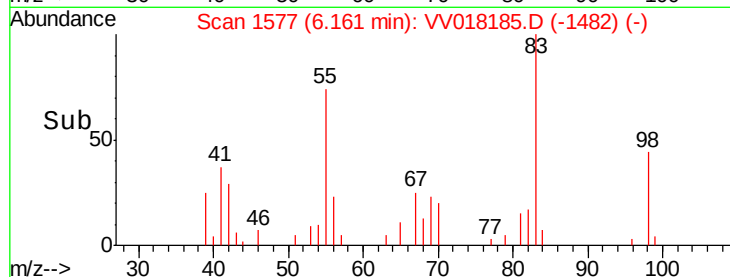
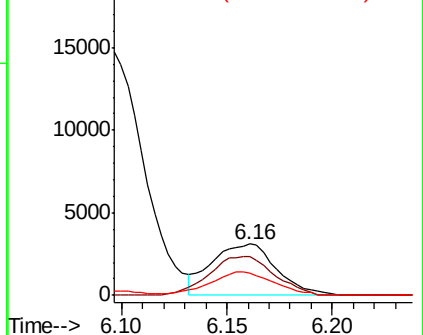
98 45.1 38.8 58.2



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 1.913 ug/L

RT: 6.21 min Scan# 1591

Delta R.T. 0.01 min

Lab File: VV018185.D

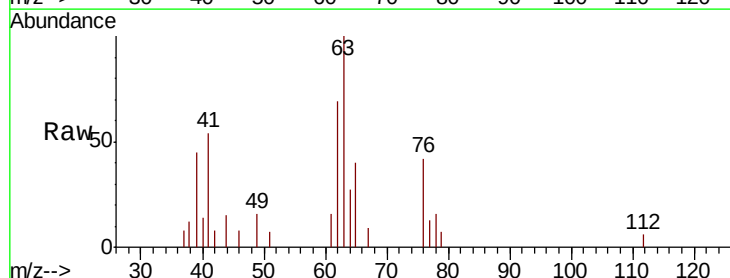
Acq: 10 Sep 2020 17:26

Tgt Ion: 63 Resp: 4215

Ion Ratio Lower Upper

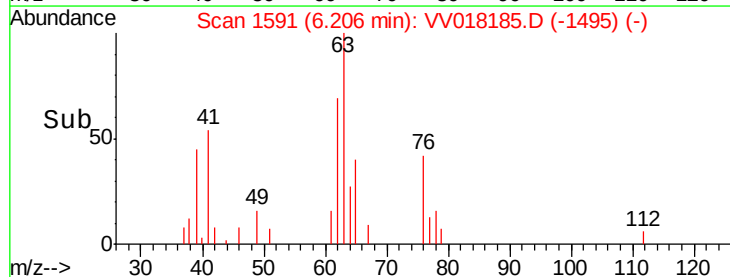
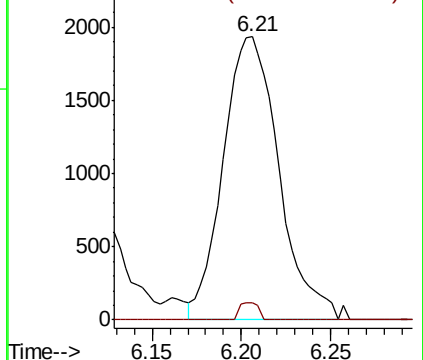
63 100

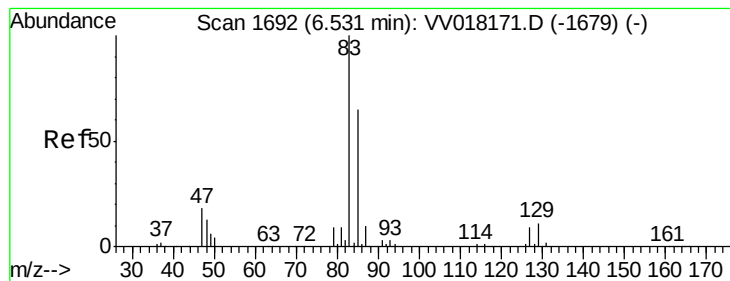
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 1.874 ug/L

RT: 6.54 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

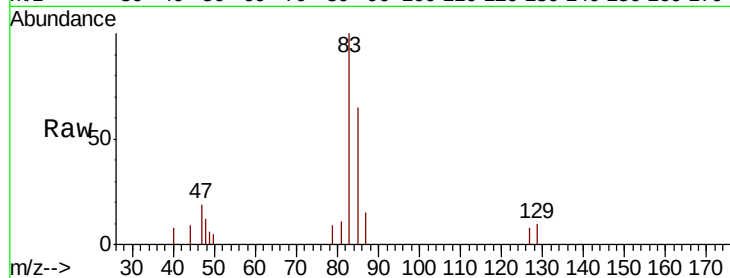
Tot Ion: 83 Resp: 5373

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9

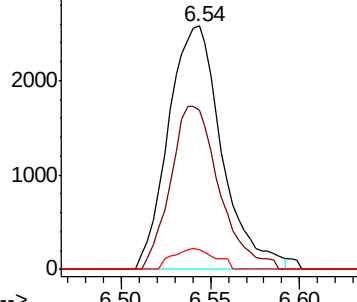
127 8.3 6.7 10.1



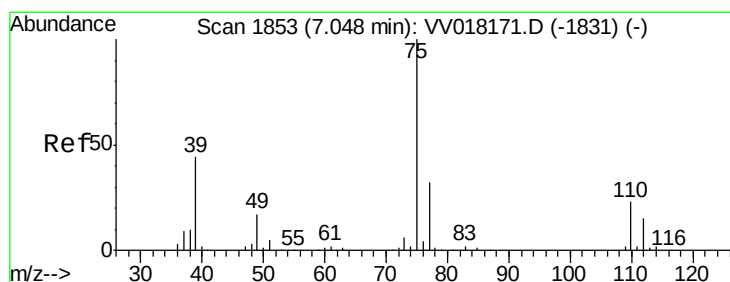
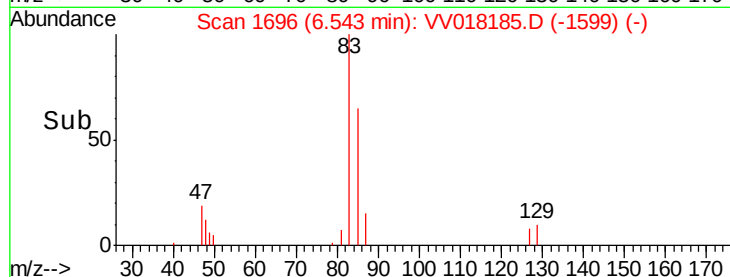
Abundance Ion 83.00 (82.70 to 83.70): VV018185.D (-1699) (-)

Ion 85.00 (84.70 to 85.70): VV018185.D (-1699) (-)

Ion 127.00 (126.70 to 127.70): VV018185.D (-1699) (-)



Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.858 ug/L

RT: 7.06 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VV018185.D

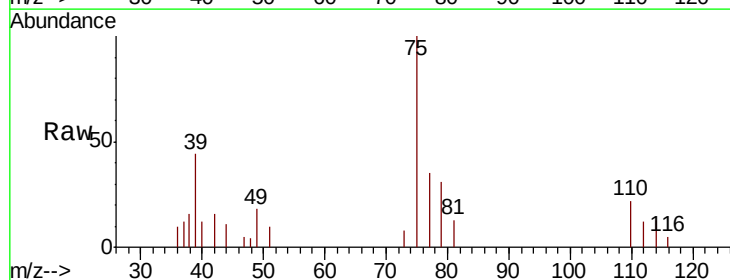
Acq: 10 Sep 2020 17:26

Tgt Ion: 75 Resp: 6307

Ion Ratio Lower Upper

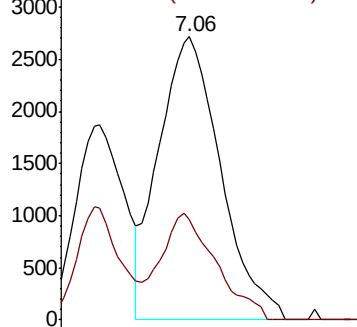
75 100

77 35.2 22.3 41.3

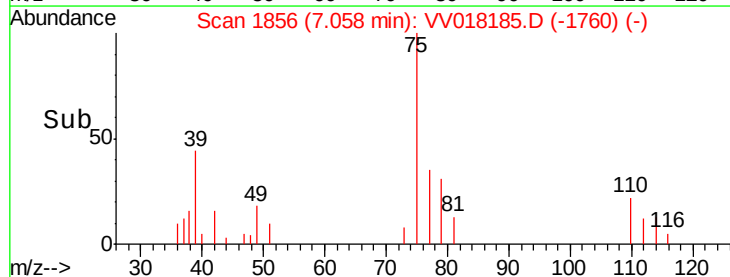


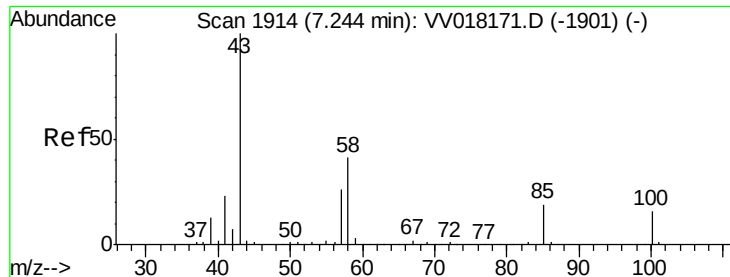
Abundance Ion 75.00 (74.70 to 75.70): VV018185.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV018185.D (-1760) (-)



Time-->

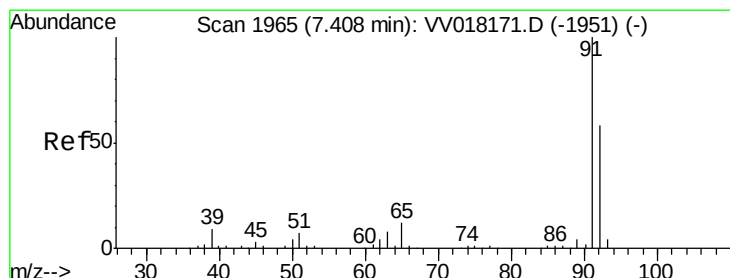
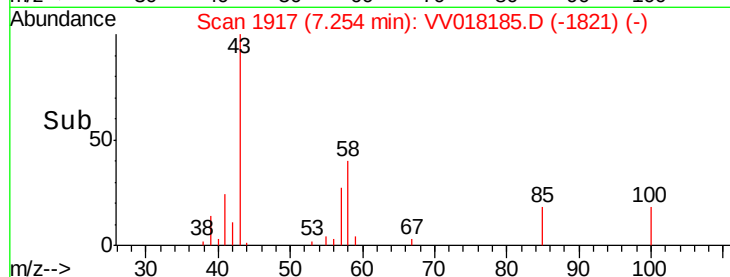
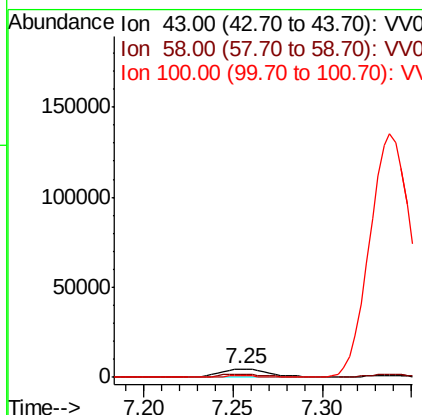
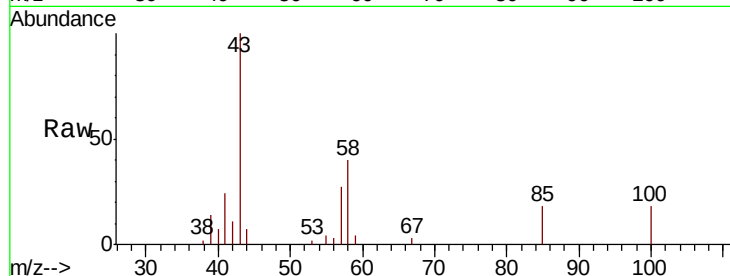




#40
4-Methyl-2-pentanone
Concen: 3.347 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

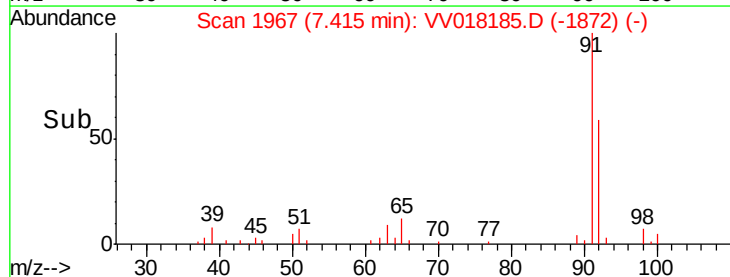
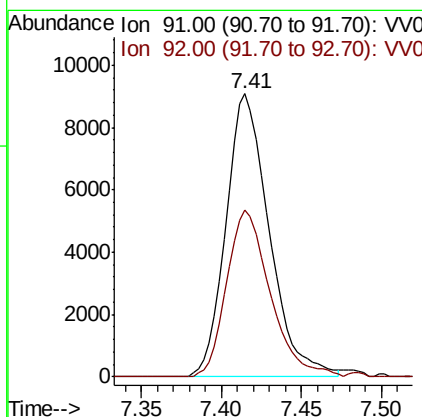
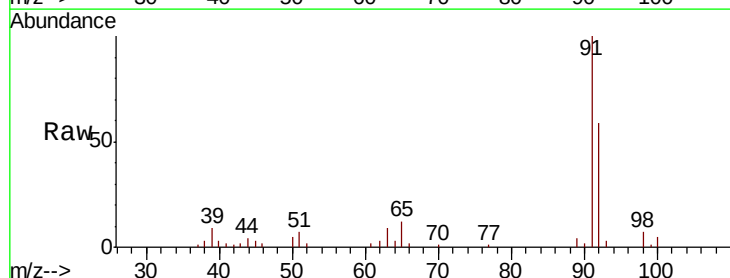
Instrument :
MSVOA_V
ClientSampleId :
MDL03

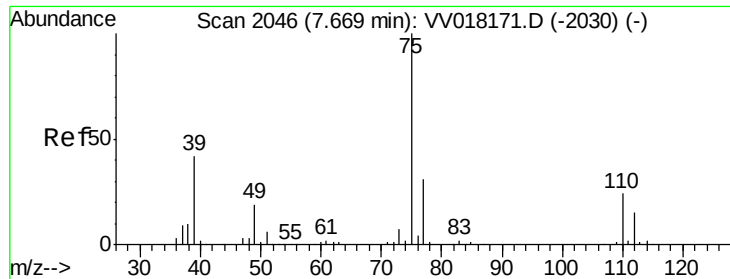
Tot Ion: 43 Resp: 8947
Ion Ratio Lower Upper
43 100
58 38.4 32.4 48.6
100 15.8 12.7 19.1



#42
Toluene
Concen: 1.907 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion: 91 Resp: 16783
Ion Ratio Lower Upper
91 100
92 58.9 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 1.659 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

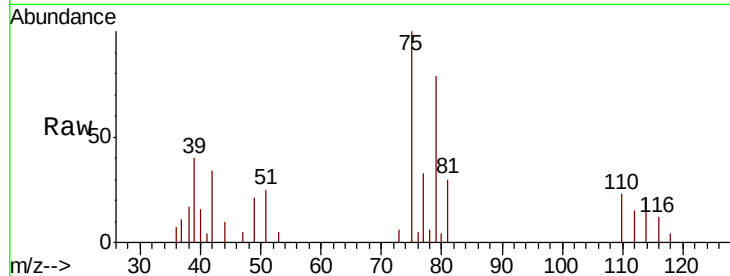
MDL03

Tot Ion: 75 Resp: 5485

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV018171.D (-2030) (-)

Ion 77.00 (76.70 to 77.70): VV018171.D (-2030) (-)

7.68

3000

2000

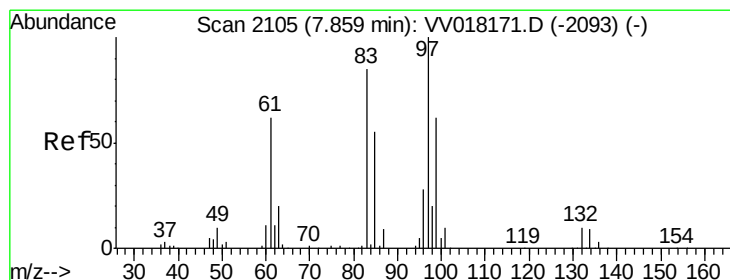
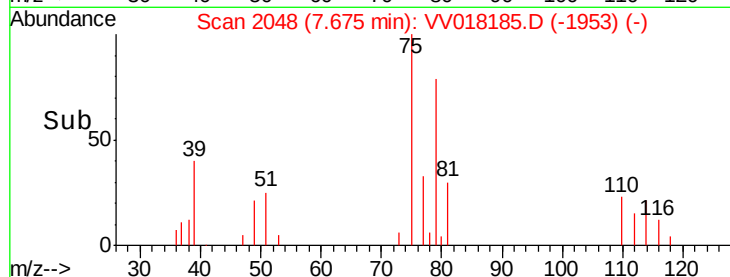
1000

0

7.65

7.70

Time-->



#45

1,1,2-Trichloroethane

Concen: 2.004 ug/L

RT: 7.86 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Tgt Ion: 97 Resp: 4094

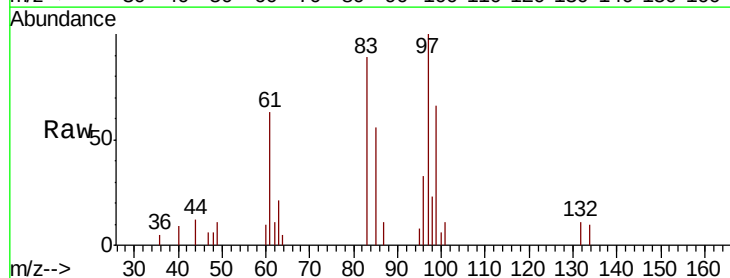
Ion Ratio Lower Upper

97 100

99 66.4 43.7 81.1

83 89.1 59.9 111.3

85 56.5 37.6 69.8



Abundance Ion 97.00 (96.70 to 97.70): VV018171.D (-2093) (-)

Ion 99.00 (98.70 to 99.70): VV018171.D (-2093) (-)

Ion 83.00 (82.70 to 83.70): VV018171.D (-2093) (-)

Ion 85.00 (84.70 to 85.70): VV018171.D (-2093) (-)

7.86

3000

2500

2000

1500

1000

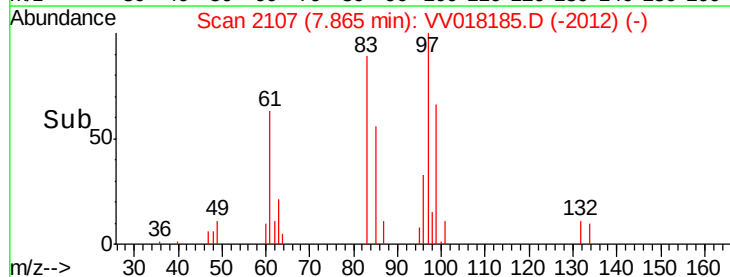
500

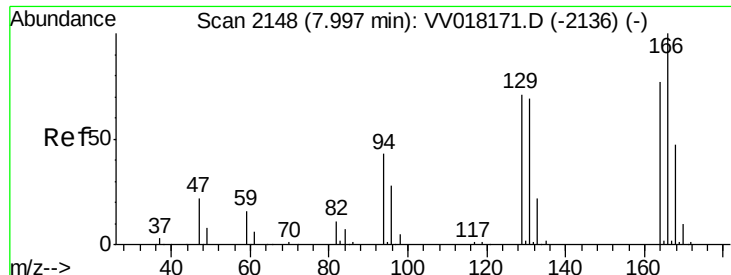
0

7.85

7.90

Time-->

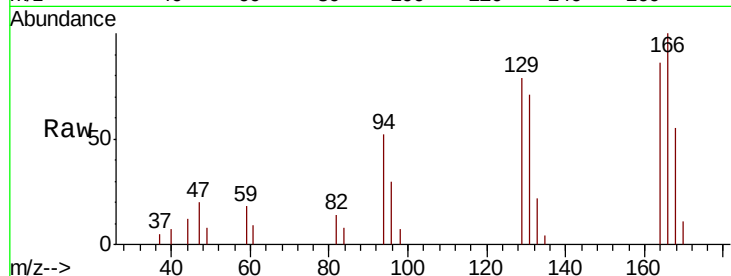




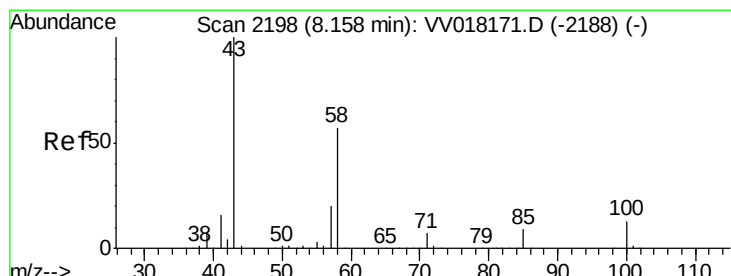
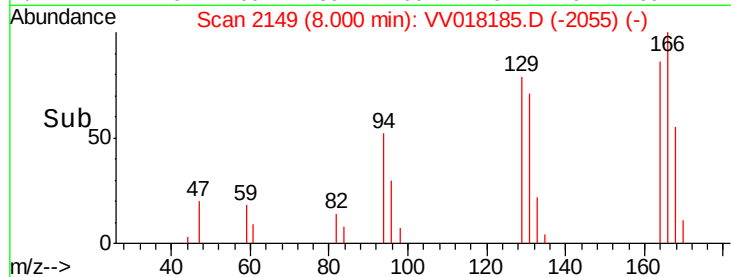
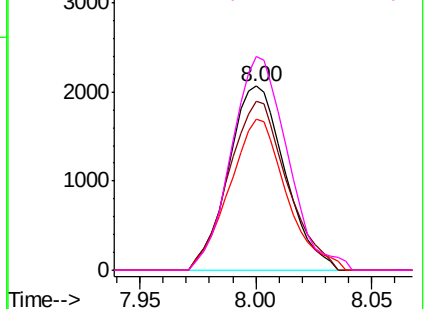
#46
Tetrachloroethene
Concen: 1.972 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tot Ion:164 Resp: 3502
Ion Ratio Lower Upper
164 100
129 92.0 64.5 119.7
131 82.1 61.8 114.8
166 115.9 90.6 168.2

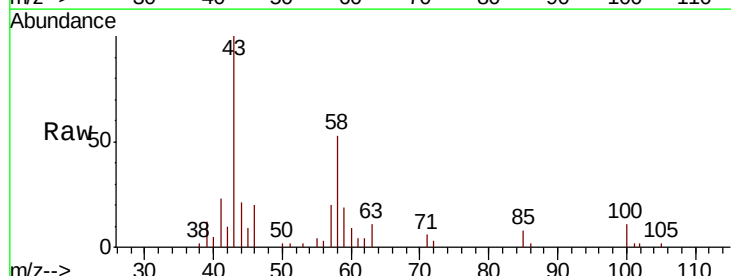


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

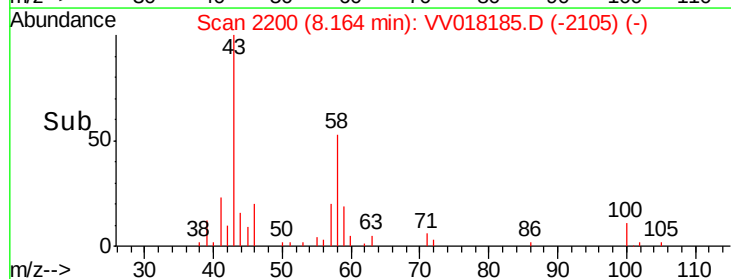
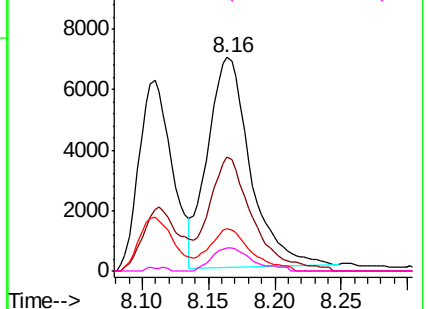


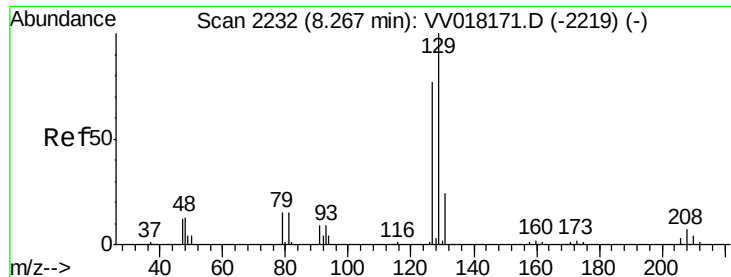
#48
2-Hexanone
Concen: 7.395 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion: 43 Resp: 15587
Ion Ratio Lower Upper
43 100
58 54.6 44.8 67.2
57 19.6 15.8 23.6
100 10.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

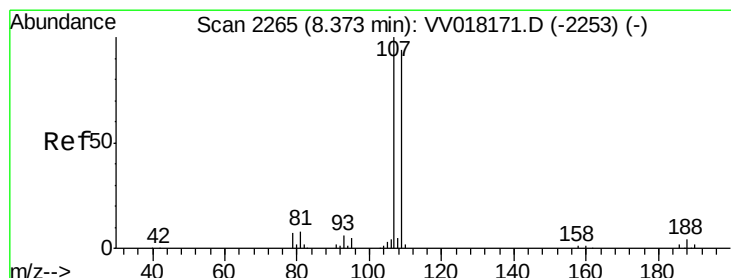
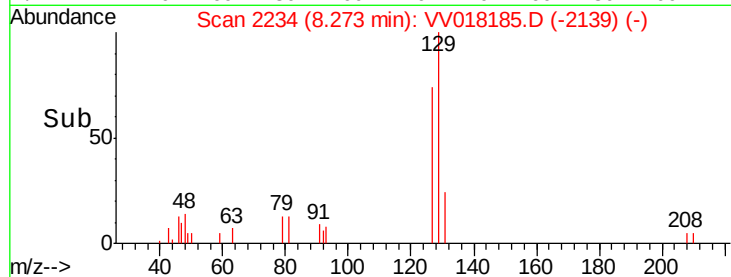
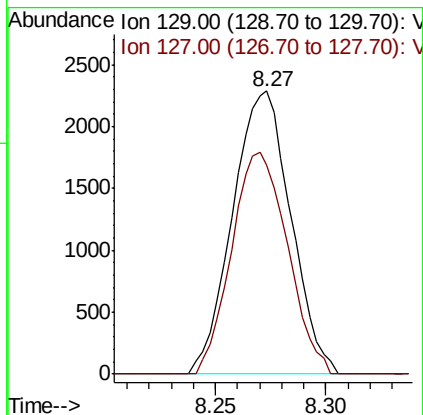
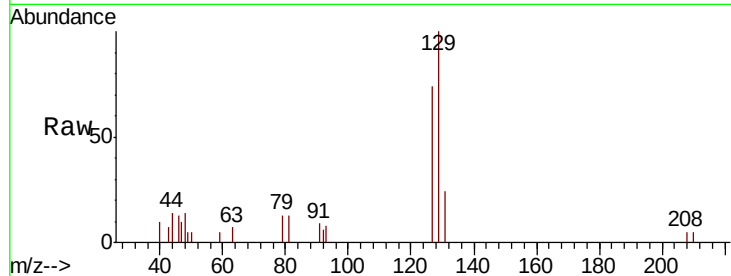




#49
 Dibromochloromethane
 Concen: 1.824 ug/L
 RT: 8.27 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

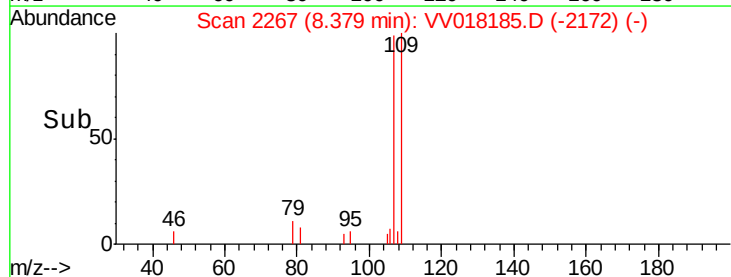
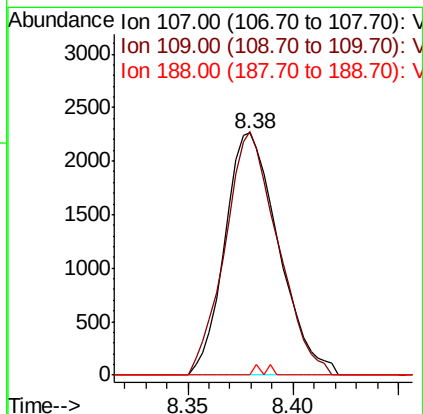
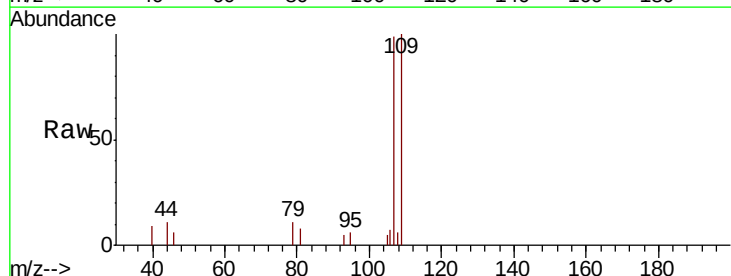
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

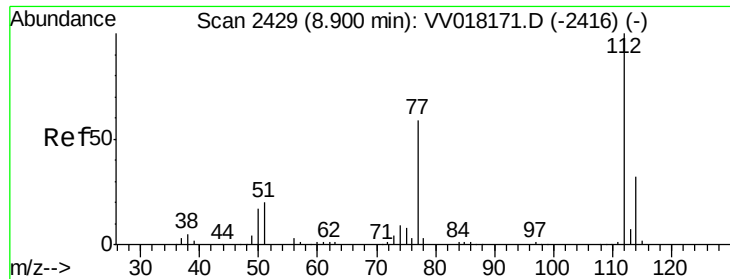
Tot Ion:129 Resp: 4183
 Ion Ratio Lower Upper
 129 100
 127 74.0 54.5 101.1



#50
 1,2-Dibromoethane
 Concen: 1.867 ug/L
 RT: 8.38 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion:107 Resp: 4014
 Ion Ratio Lower Upper
 107 100
 109 100.6 66.1 122.8
 188 0.0 3.2 4.8#

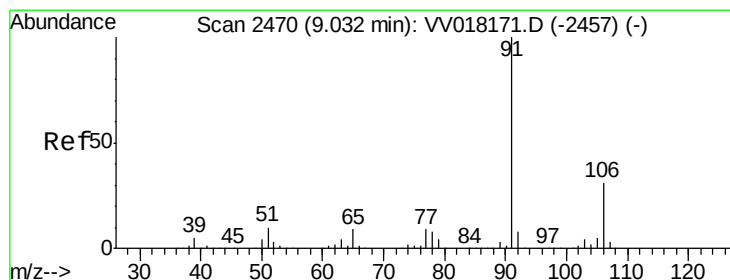
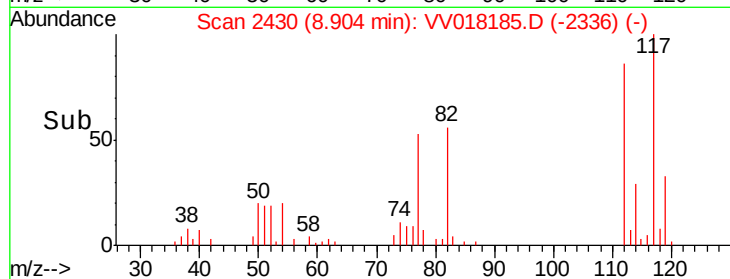
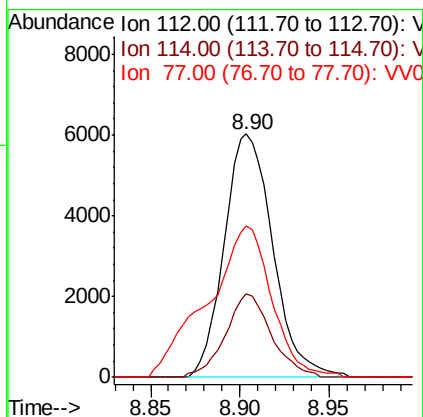
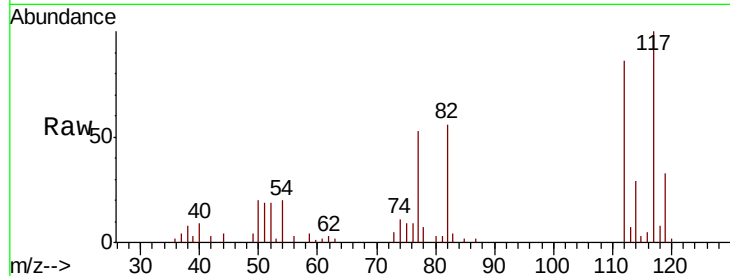




#51
Chlorobenzene
Concen: 2.005 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

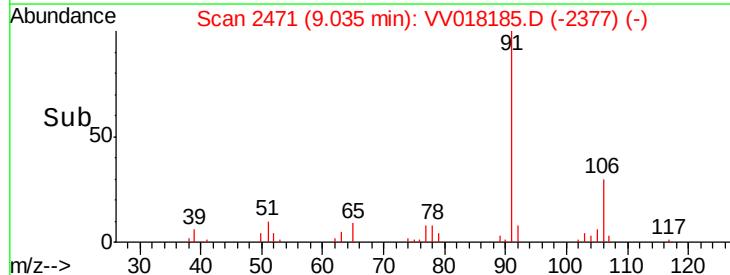
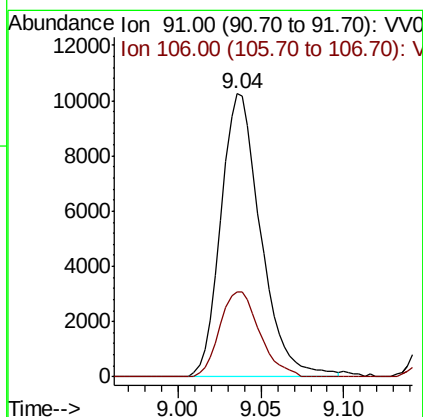
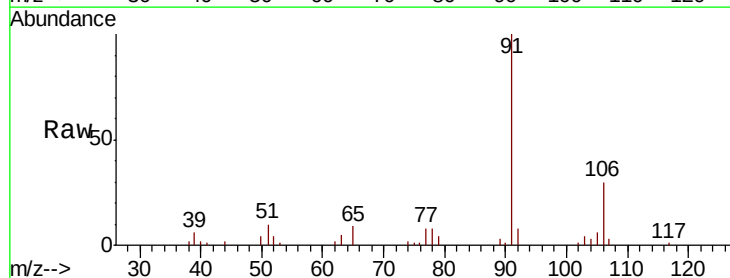
Instrument :
MSVOA_V
ClientSampleId :
MDL03

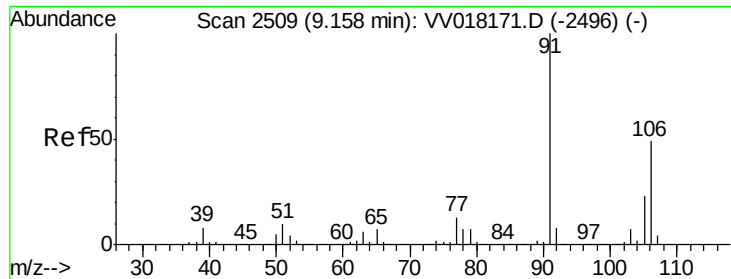
Tot Ion:112 Resp: 11458
Ion Ratio Lower Upper
112 100
114 34.2 22.6 42.0
77 62.2 48.0 72.0



#52
Ethylbenzene
Concen: 1.786 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion: 91 Resp: 17158
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5

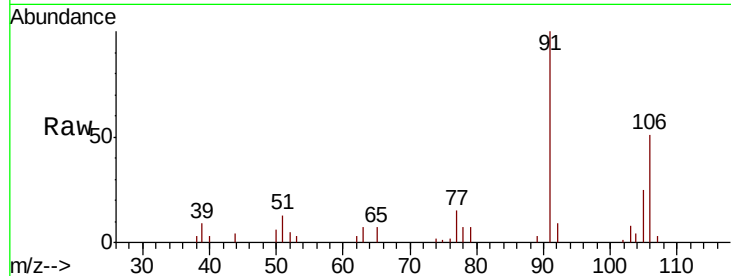




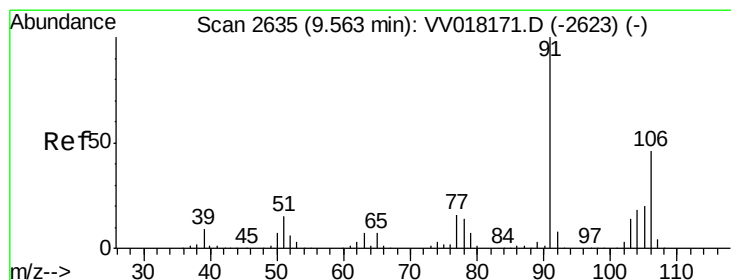
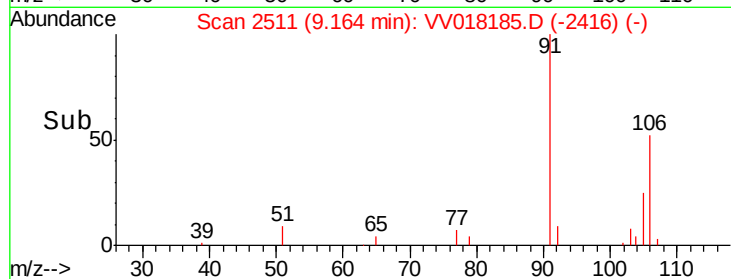
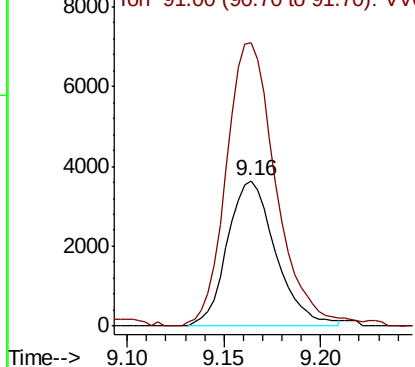
#53
m,p-Xylene
Concen: 1.766 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Instrument :
MSVOA_V
ClientSampled :
MDL03

Tot Ion:106 Resp: 6334
Ion Ratio Lower Upper
106 100
91 194.5 146.7 272.5

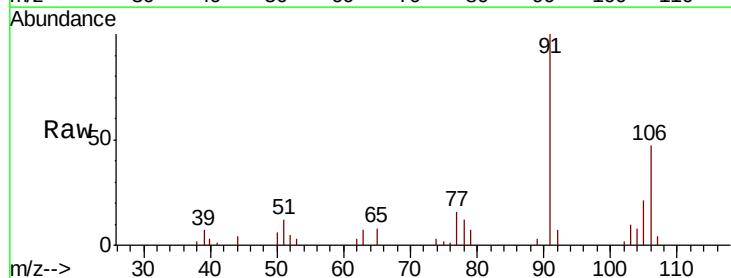


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

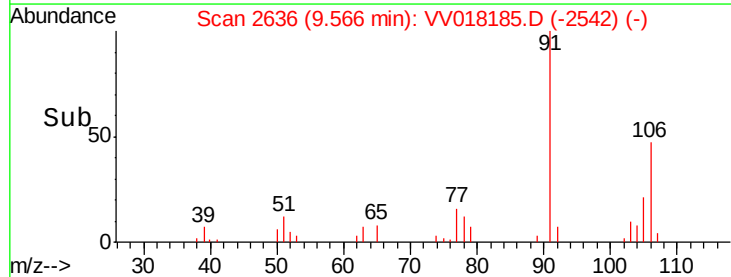
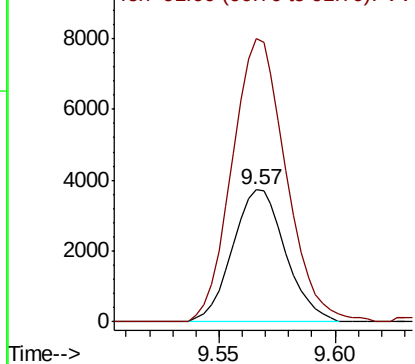


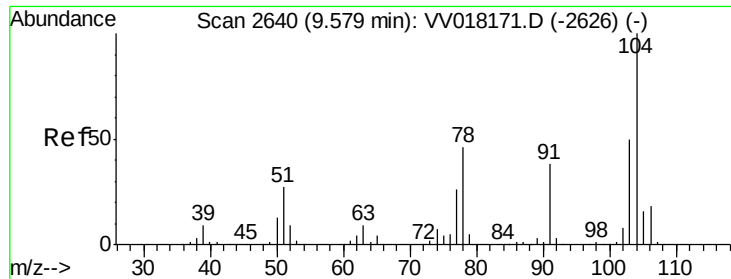
#54
o-xylene
Concen: 1.707 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018185.D
Acq: 10 Sep 2020 17:26

Tgt Ion:106 Resp: 5898
Ion Ratio Lower Upper
106 100
91 214.6 152.2 282.6



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





#55

Stvrene

Concen: 1.627 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.01 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

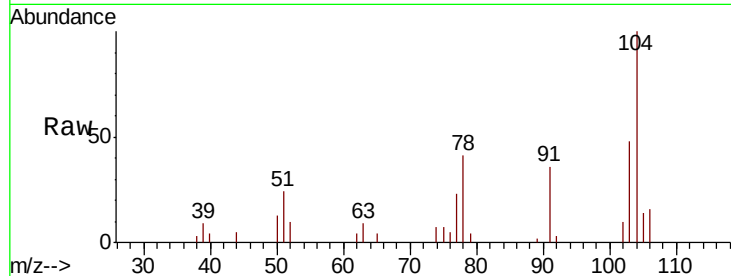
Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tot Ion:104 Resp: 9772

Ion Ratio Lower Upper

104 100

78 41.5 31.4 58.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

9.59

6000

5000

4000

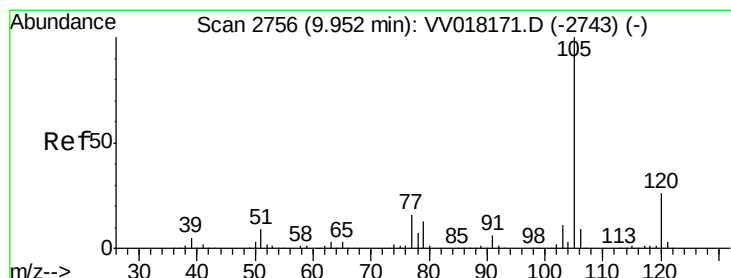
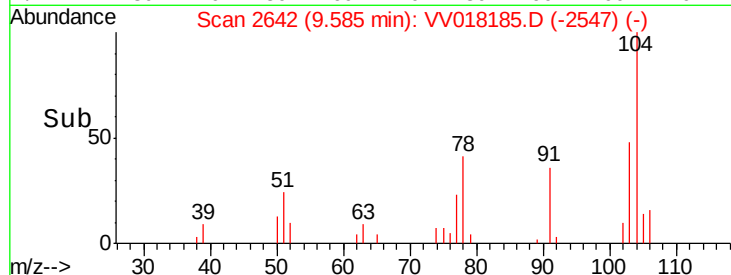
3000

2000

1000

0

Time--> 9.50 9.55 9.60 9.65



#56

Isopropylbenzene

Concen: 1.646 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

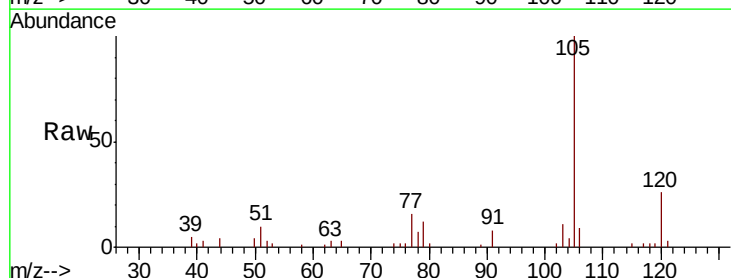
Tgt Ion:105 Resp: 15325

Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 16.0 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

9.95

12000

10000

8000

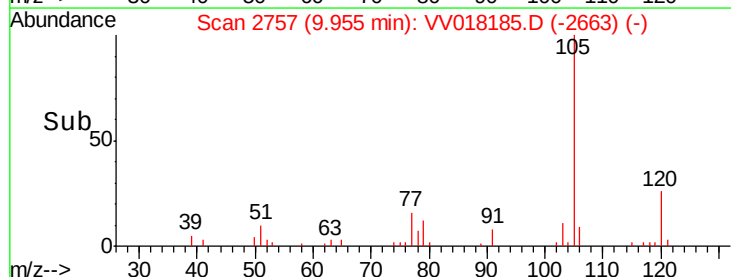
6000

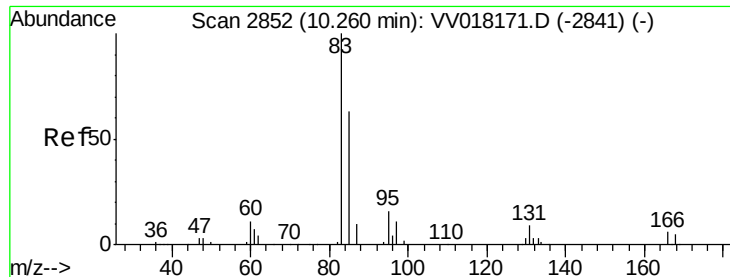
4000

2000

0

Time--> 9.90 9.95 10.00





#58

1,1,2,2-Tetrachloroethane

Concen: 2.097 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampled :

MDL03

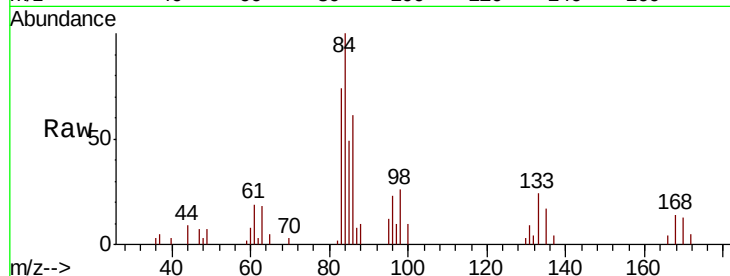
Tot Ion: 83 Resp: 6337

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2

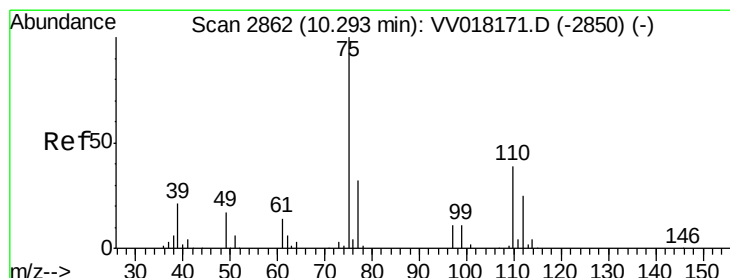
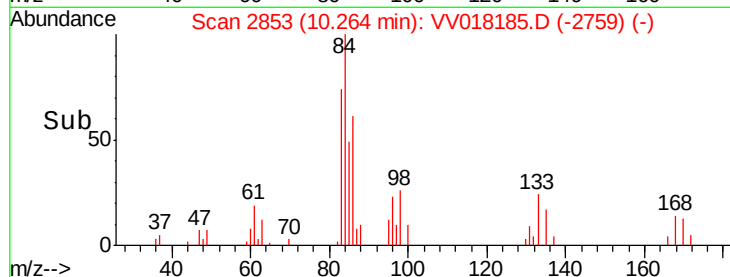
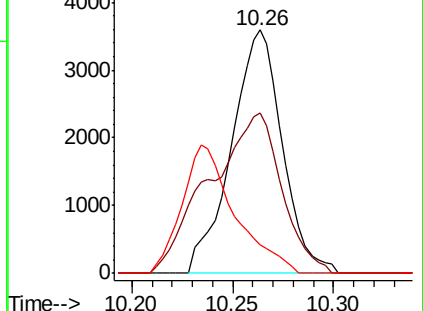
131 12.0 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): VV0



#59

1,2,3-Trichloropropane

Concen: 1.978 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV018185.D

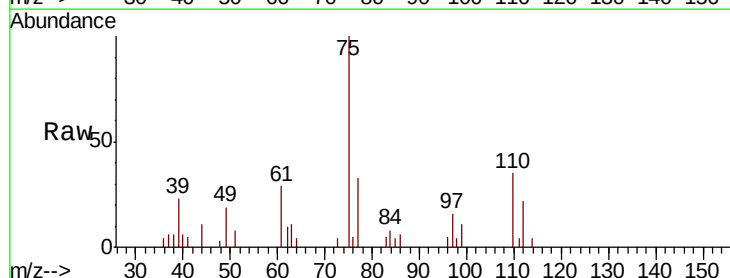
Acq: 10 Sep 2020 17:26

Tgt Ion: 75 Resp: 5126

Ion Ratio Lower Upper

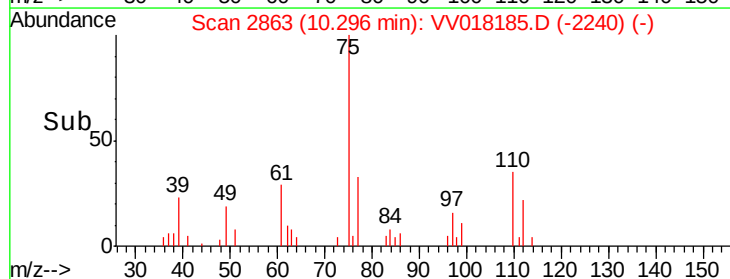
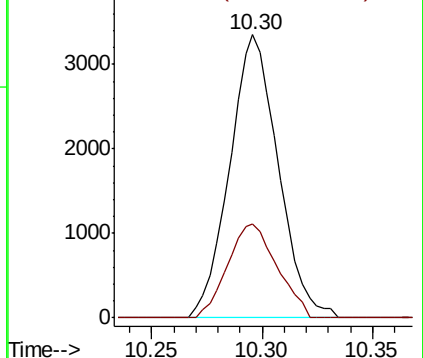
75 100

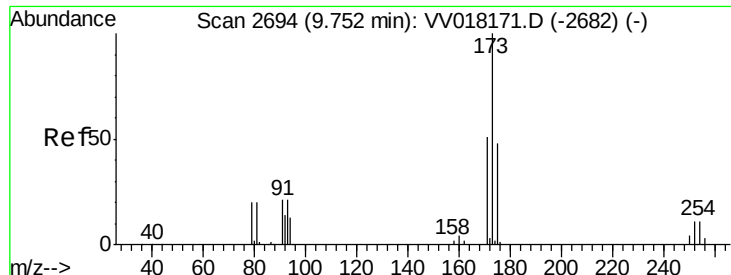
77 33.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#61

Bromoform

Concen: 1.671 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

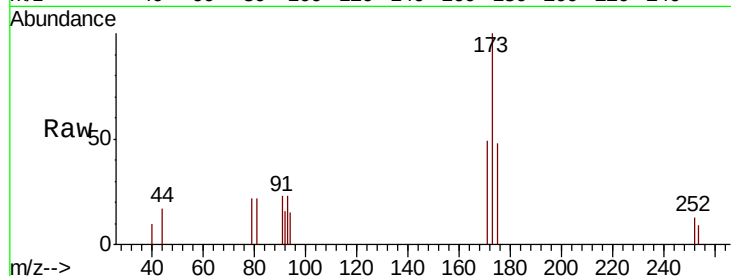
Tot Ion:173 Resp: 2648

Ion Ratio Lower Upper

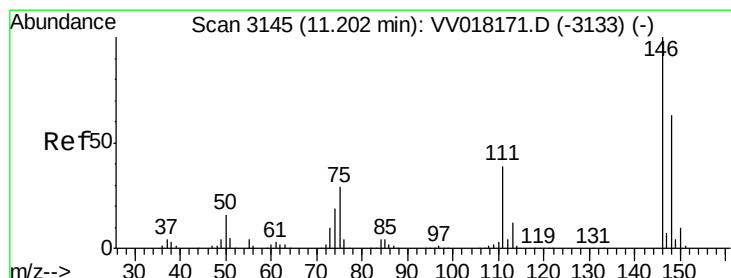
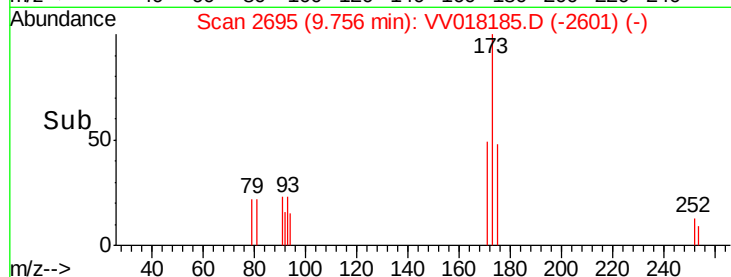
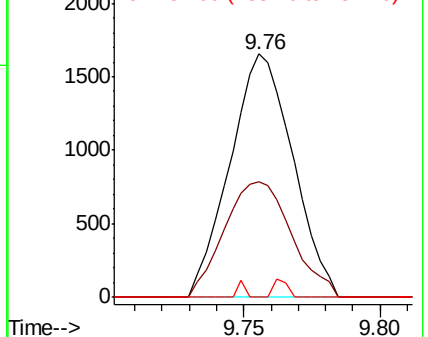
173 100

175 50.7 39.0 58.6

254 1.6 9.0 13.4#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 1.979 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

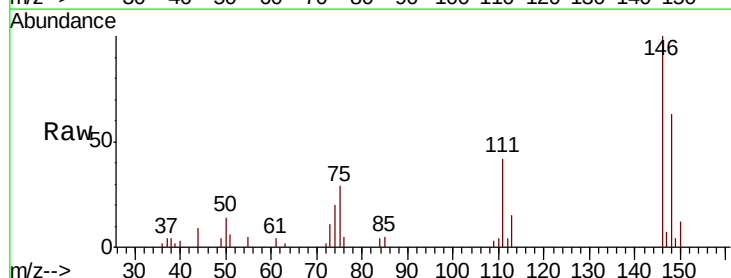
Tgt Ion:146 Resp: 8684

Ion Ratio Lower Upper

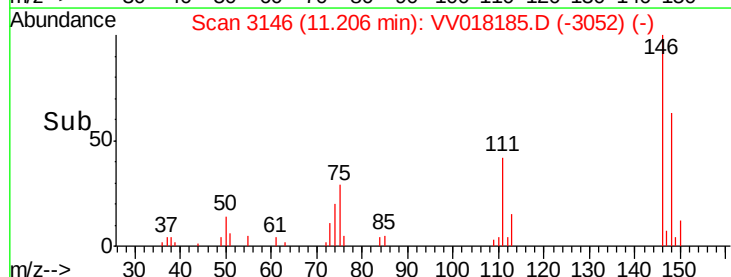
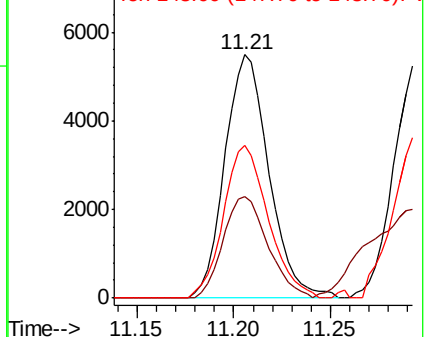
146 100

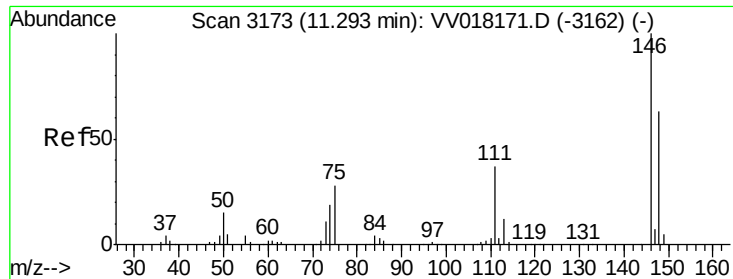
111 41.9 27.6 51.2

148 62.8 45.4 84.2



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





#63

1,4-Dichlorobenzene

Concen: 2.039 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

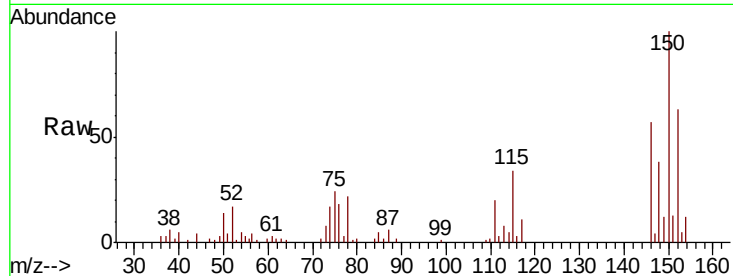
Tot Ion:146 Resp: 9194

Ion Ratio Lower Upper

146 100

111 35.8 27.1 50.3

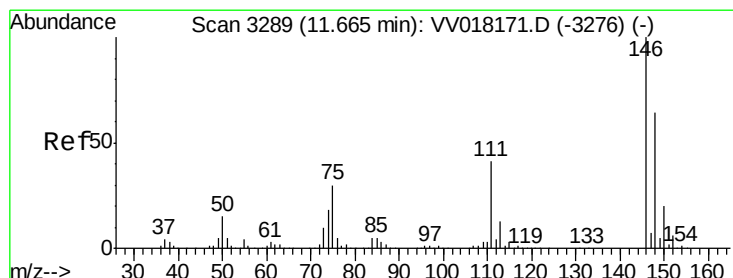
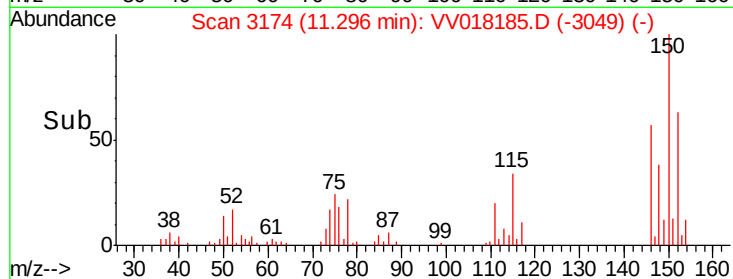
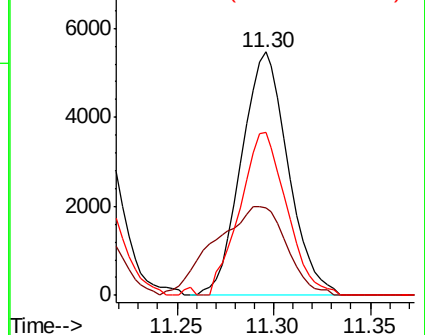
148 67.1 45.4 84.2



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



#65

1,2-Dichlorobenzene

Concen: 2.158 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

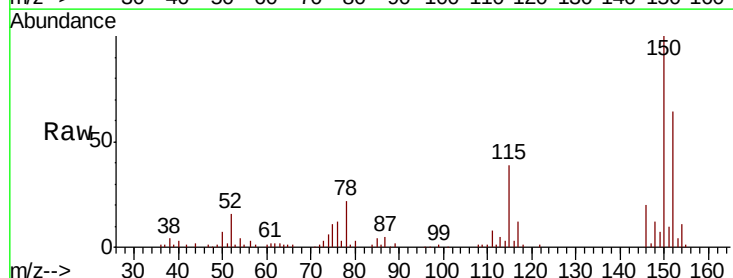
Tgt Ion:146 Resp: 9570

Ion Ratio Lower Upper

146 100

111 41.6 32.8 49.2

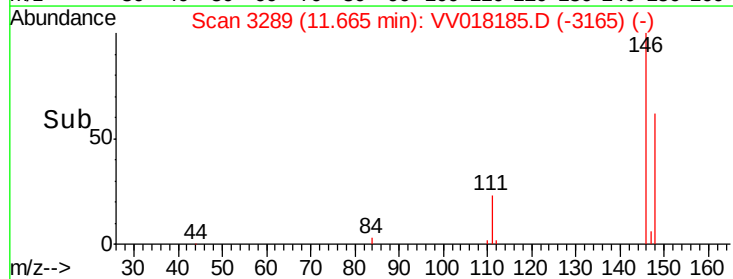
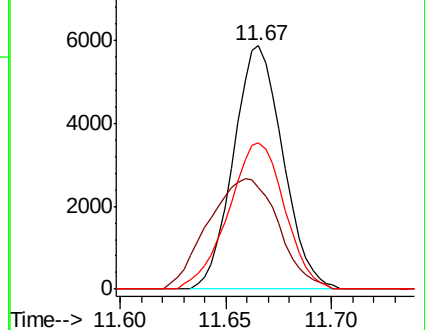
148 60.3 50.7 76.1

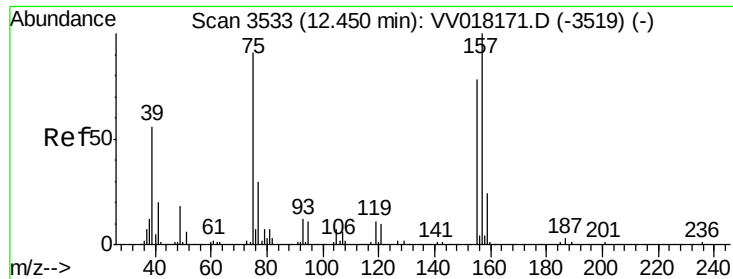


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

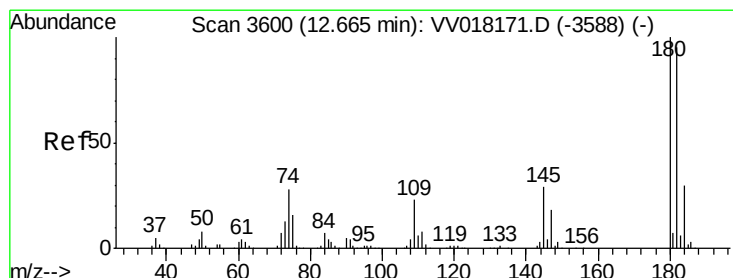
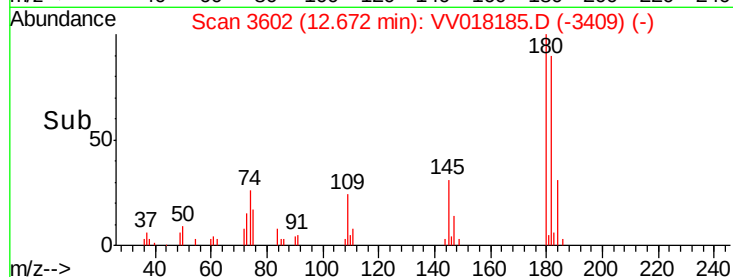
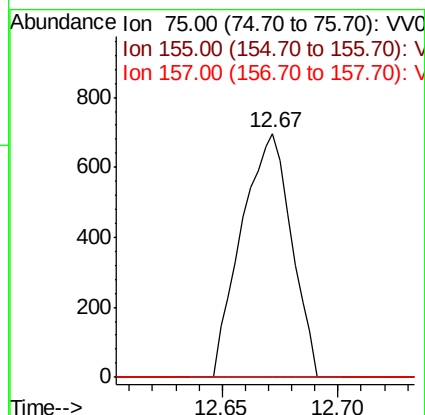
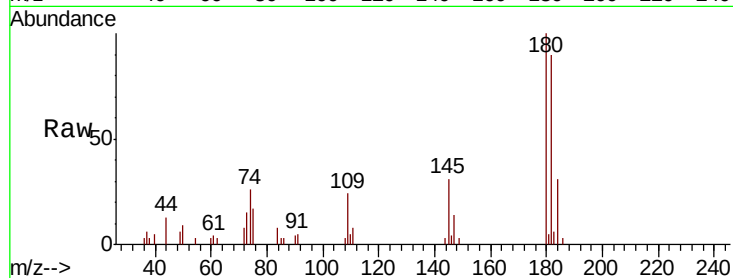




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.665 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.22 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

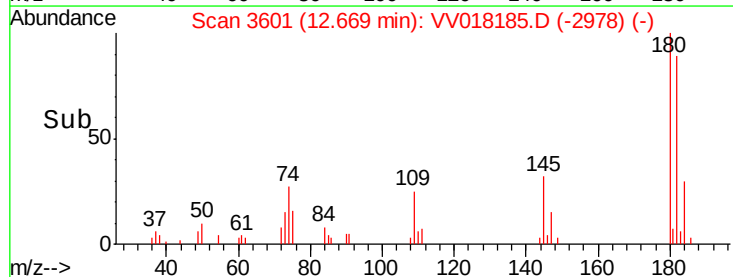
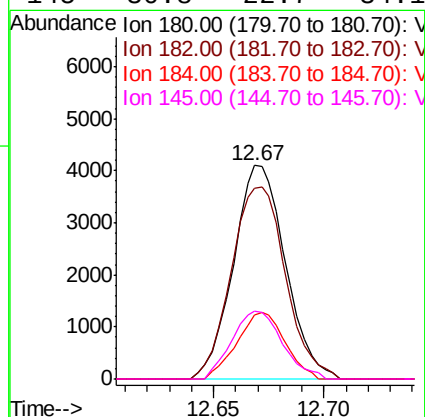
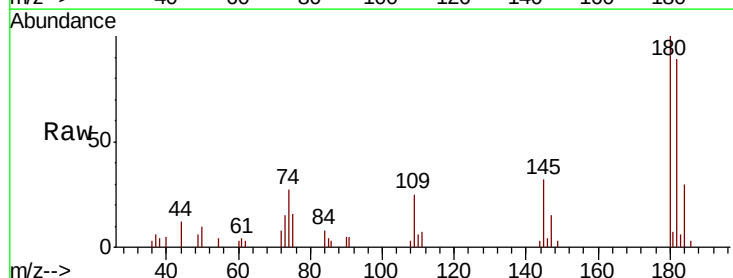
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

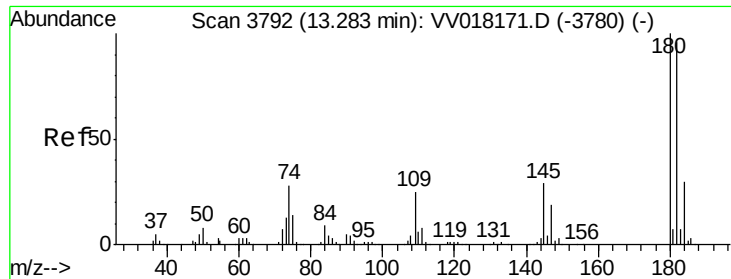
Tot Ion: 75 Resp: 1042
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.7 104.5#
 157 0.0 88.2 132.4#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.948 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion: 180 Resp: 6736
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.8 115.2
 184 28.6 24.6 36.8
 145 30.8 22.7 34.1

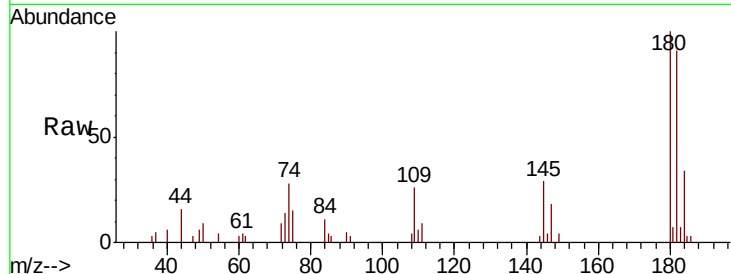




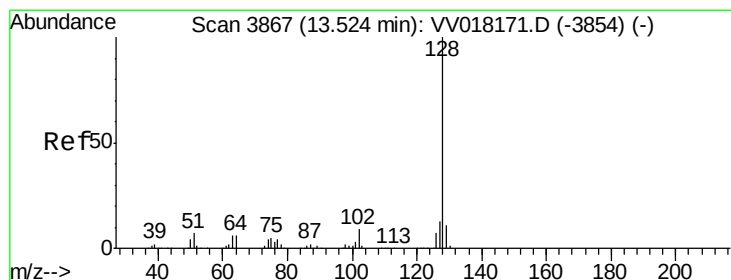
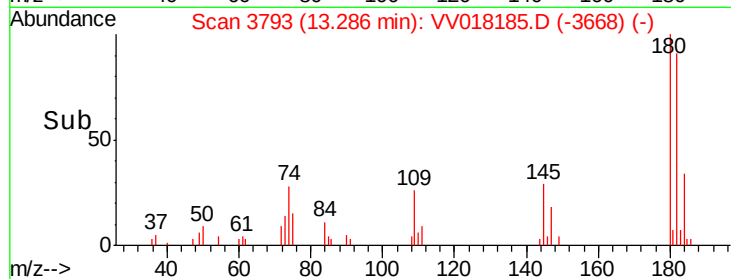
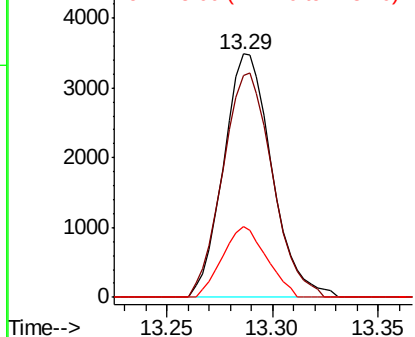
#68
 1,2,4-trichlorobenzene
 Concen: 1.803 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Tot Ion:180 Resp: 5552
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.4 116.2
 145 26.4 23.2 34.8

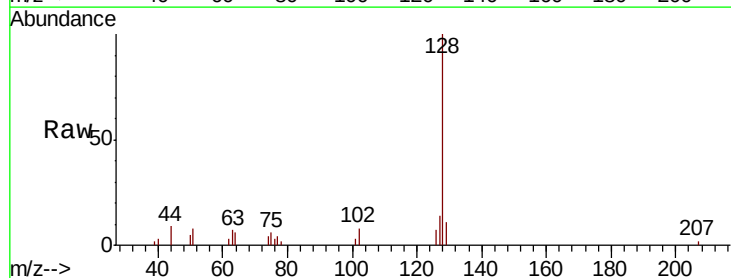


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

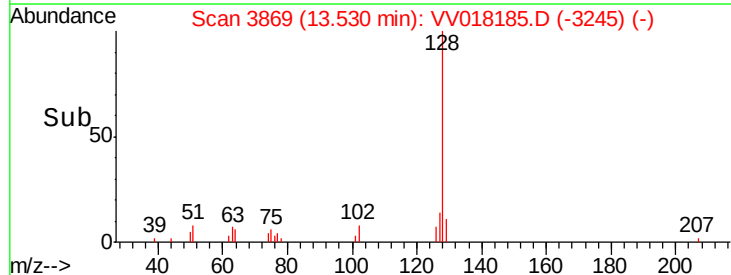
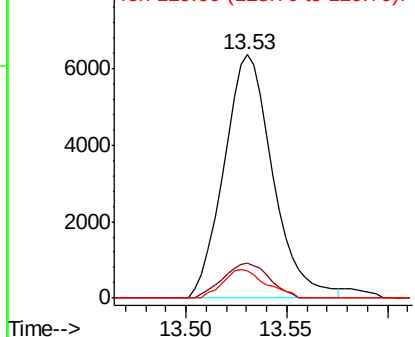


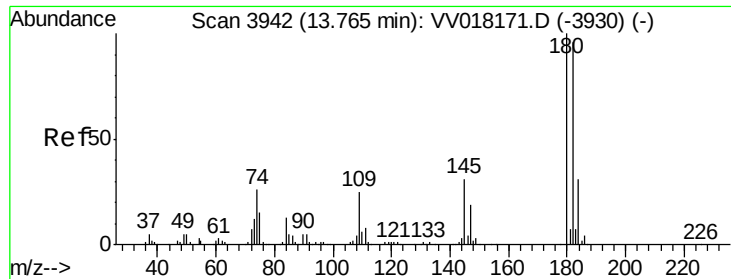
#69
 Naphthalene
 Concen: 1.381 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.01 min
 Lab File: VV018185.D
 Acq: 10 Sep 2020 17:26

Tgt Ion:128 Resp: 10763
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.6 15.8
 129 10.3 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: 1.703 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018185.D

Acq: 10 Sep 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tot Ion:180 Resp: 5167

Ion Ratio Lower Upper

180 100

182 101.4 76.5 114.7

145 32.0 24.9 37.3

