

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018183.D
 Acq On : 10 Sep 2020 16:42
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Sep 11 01:32:52 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	304995	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103648	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	90110	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	158849	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	3.91	46	141832	93.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.23%
24) Chloroform-d	4.38	84	191030	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	130063	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.08	84	395264	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	127463	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.34	98	354997	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.64	79	62326	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.04%
47) 2-Hexanone-d5	8.11	63	92213	89.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	156562	45.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	153019	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	5864	2.637 ug/L	100
3) Chloromethane	1.25	50	6341	2.611 ug/L	94
5) Vinyl chloride	1.32	62	7433	2.985 ug/L #	72
6) Bromomethane	1.53	94	4086	2.684 ug/L	100
8) Chloroethane	1.60	64	4448	2.851 ug/L	94
9) Trichlorofluoromethane	1.77	101	9178	2.679 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6698	3.254 ug/L	86
12) 1,1-Dichloroethene	2.13	96	6836	3.414 ug/L #	1
13) Acetone	2.20	43	7299	5.991 ug/L	90
14) Carbon disulfide	2.31	76	16579	2.706 ug/L	99
15) Methyl Acetate	2.46	43	5828	2.662 ug/L	92
16) Methylene chloride	2.53	84	6650	2.961 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	5484	2.657 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	16136	2.528 ug/L	99
19) 1,1-Dichloroethane	3.22	63	10099	2.588 ug/L	97
20) cis-1,2-Dichloroethene	3.95	96	6089	2.760 ug/L	95
23) Bromochloromethane	4.29	128	3169	2.745 ug/L	90

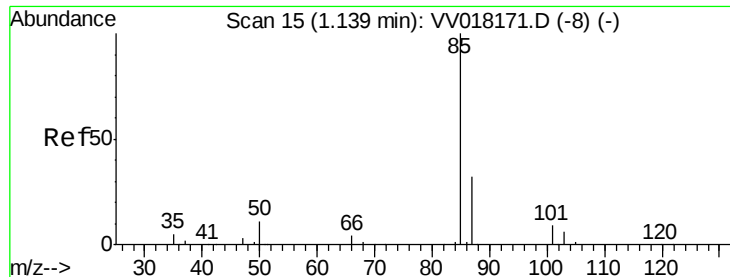
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.41	83	17145	4.322	ug/L	99
27) 1,2-Dichloroethane	5.17	62	7748	2.523	ug/L	99
29) Cyclohexane	4.71	56	8764	2.534	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	9011	2.592	ug/L	99
31) Carbon tetrachloride	4.86	117	7784	2.547	ug/L	99
33) Benzene	5.13	78	23153	2.704	ug/L	100
34) Trichloroethene	5.95	95	6524	2.796	ug/L	97
35) Methylcyclohexane	6.15	83	8897	2.533	ug/L	100
37) 1,2-Dichloropropane	6.20	63	5621	2.477	ug/L #	97
38) Bromodichloromethane	6.54	83	7347	2.488	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	8279	2.368	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	12935	4.698	ug/L	97
42) Toluene	7.41	91	24181	2.668	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	8835	2.595	ug/L	94
45) 1,1,2-Trichloroethane	7.87	97	5659	2.690	ug/L	95
46) Tetrachloroethene	8.00	164	4896	2.677	ug/L	98
48) 2-Hexanone	8.16	43	18156	8.365	ug/L	96
49) Dibromochloromethane	8.27	129	5605	2.374	ug/L	94
50) 1,2-Dibromoethane	8.38	107	5868	2.651	ug/L #	98
51) Chlorobenzene	8.90	112	16271	2.764	ug/L	96
52) Ethylbenzene	9.04	91	24917	2.518	ug/L	99
53) m,p-Xylene	9.16	106	8773	2.375	ug/L	94
54) o-xylene	9.57	106	8756	2.461	ug/L	96
55) Styrene	9.59	104	13557	2.192	ug/L	98
56) Isopropylbenzene	9.95	105	22023	2.297	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	8452	2.716	ug/L #	96
59) 1,2,3-Trichloropropane	10.30	75	7255	2.718	ug/L	99
61) Bromoform	9.76	173	3928	2.343	ug/L #	98
62) 1,3-Dichlorobenzene	11.21	146	12334	2.658	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	13107	2.748	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	13239	2.823	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.45	75	1535	2.320	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	9710	2.655	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	7915	2.430	ug/L	100
69) Naphthalene	13.53	128	16048	1.947	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	7550	2.353	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 2.637 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

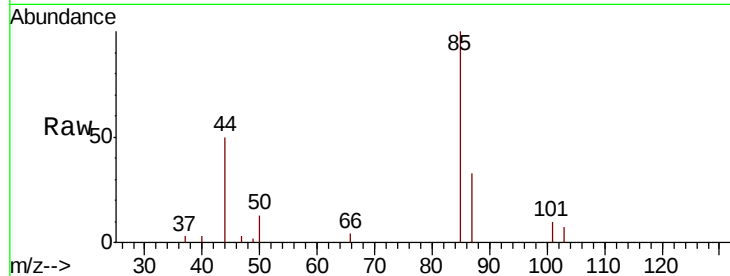
MDL01

Tot Ion: 85 Resp: 5864

Ion Ratio Lower Upper

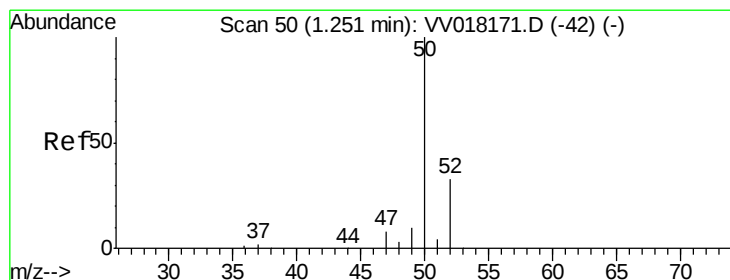
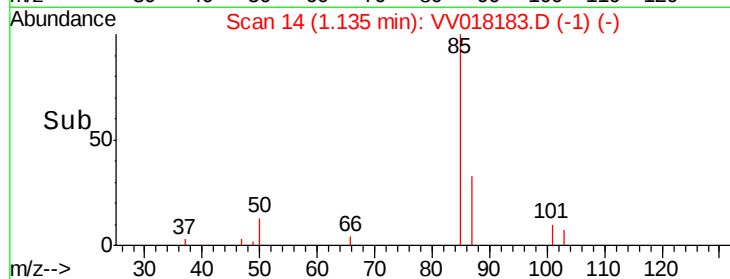
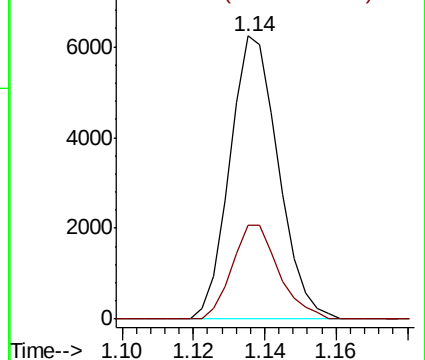
85 100

87 31.9 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: 2.611 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018183.D

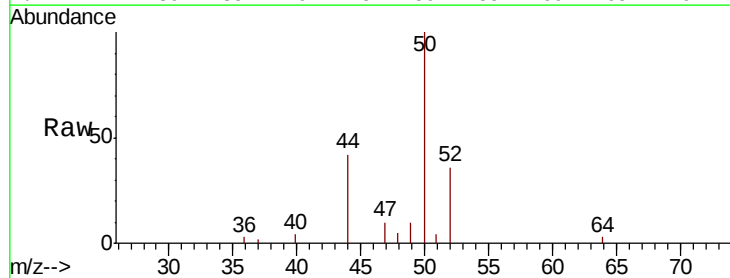
Acq: 10 Sep 2020 16:42

Tgt Ion: 50 Resp: 6341

Ion Ratio Lower Upper

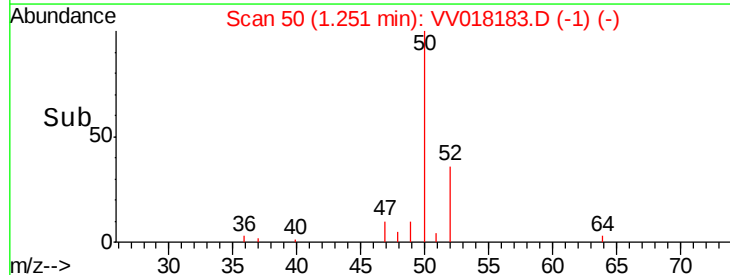
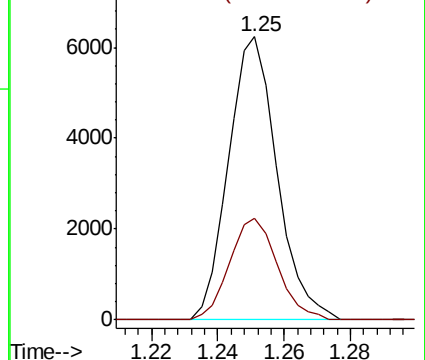
50 100

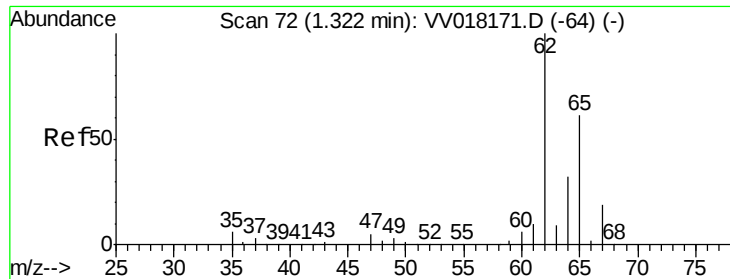
52 35.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 2.985 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

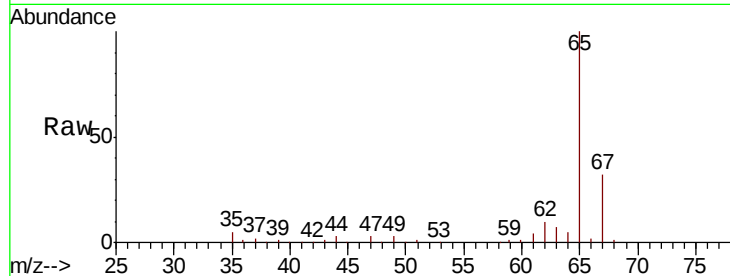
MDL01

Tot Ion: 62 Resp: 7433

Ion Ratio Lower Upper

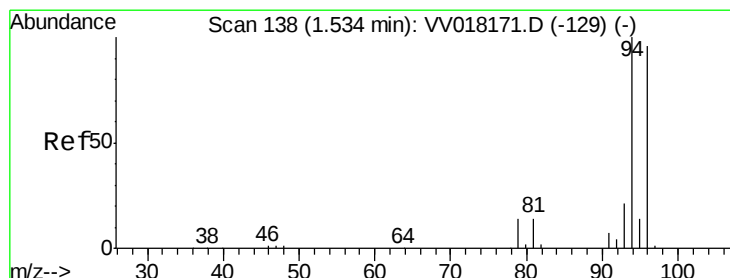
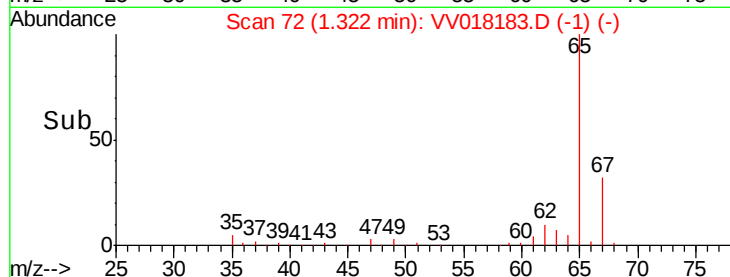
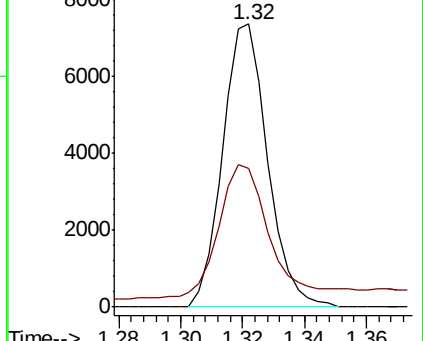
62 100

64 49.0 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: 2.684 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV018183.D

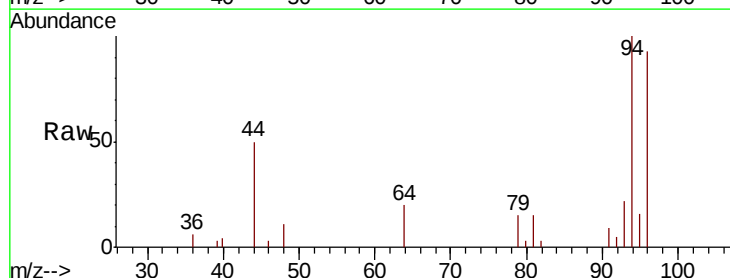
Acq: 10 Sep 2020 16:42

Tgt Ion: 94 Resp: 4086

Ion Ratio Lower Upper

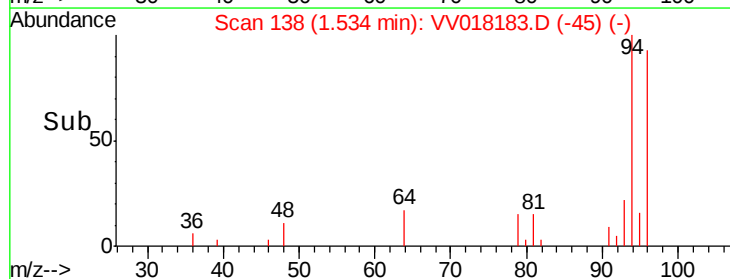
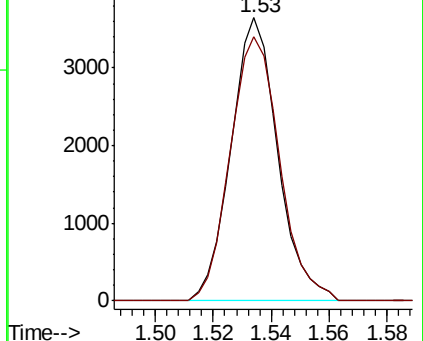
94 100

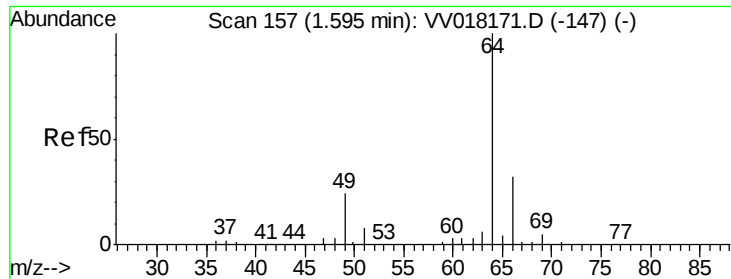
96 93.4 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

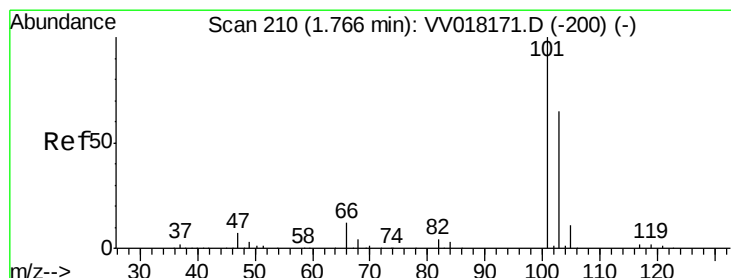
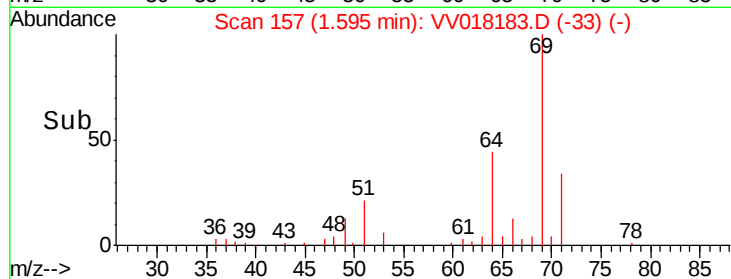
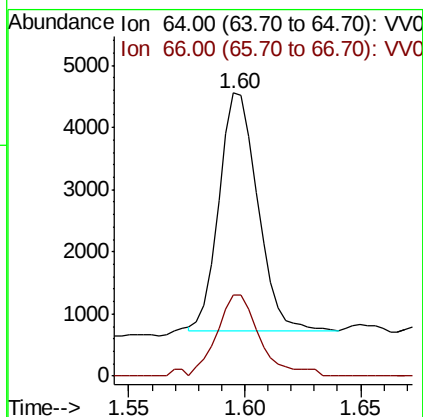
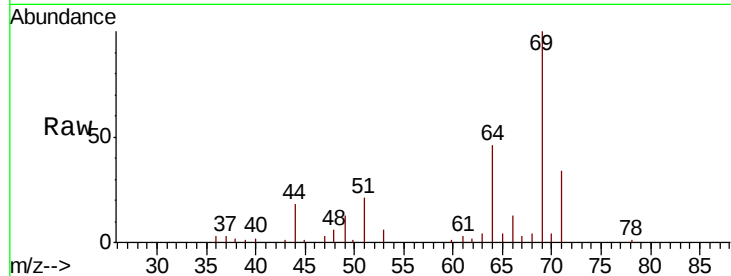




#8
Chloroethane
Concen: 2.851 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

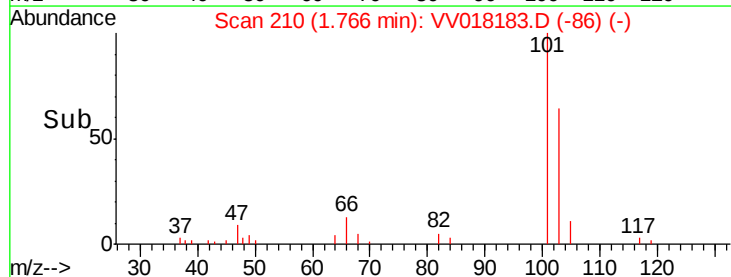
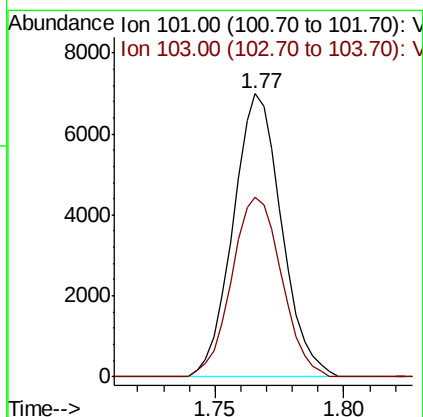
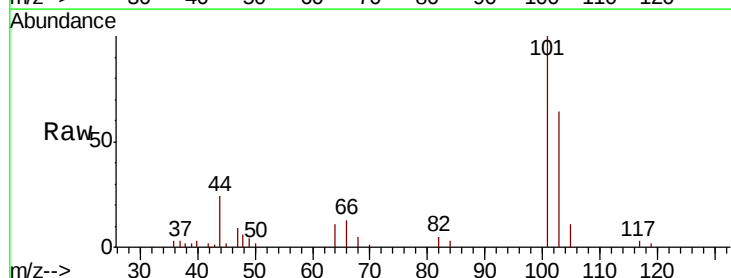
Instrument :
MSVOA_V
ClientSampleId :
MDL01

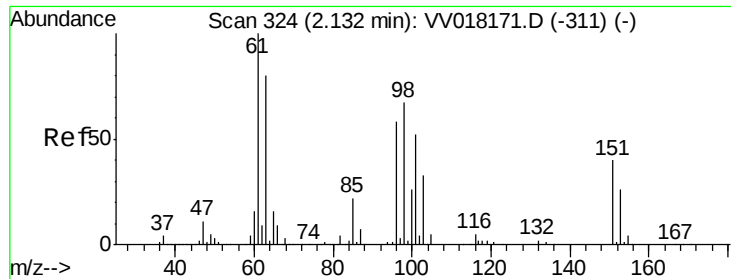
Tot Ion: 64 Resp: 4448
Ion Ratio Lower Upper
64 100
66 28.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 2.679 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 101 Resp: 9178
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6





#10

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

Concen: 3.254 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

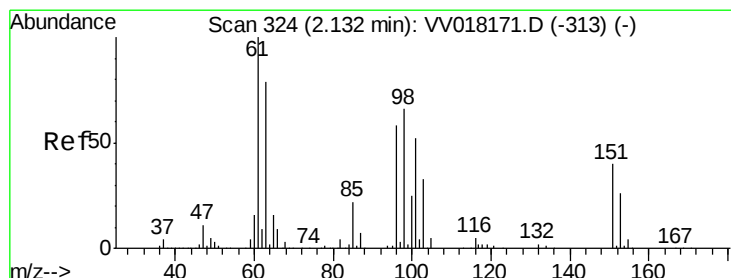
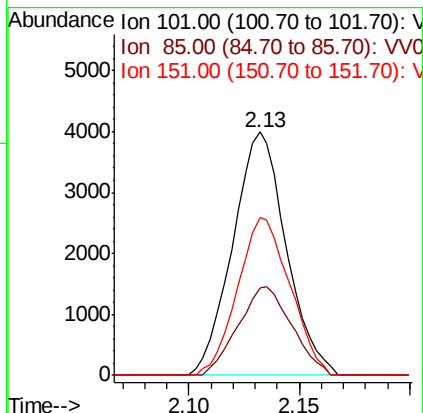
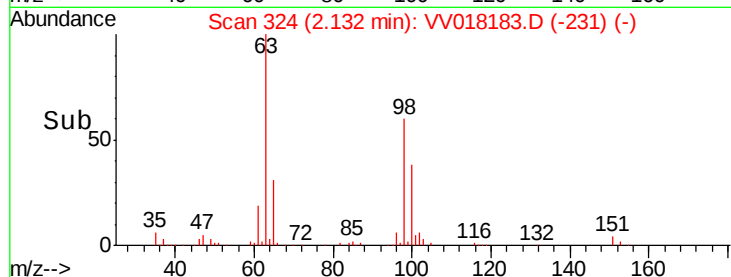
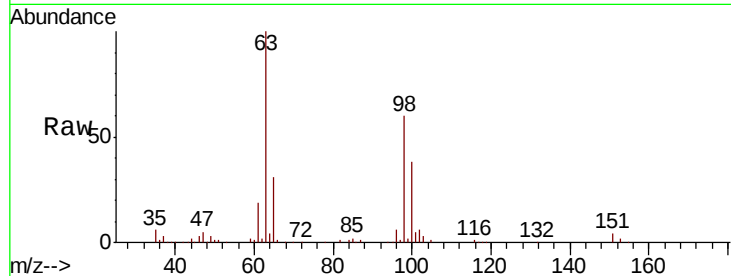
Tot Ion:101 Resp: 6698

Ion Ratio Lower Upper

101 100

85 36.6 33.5 50.3

151 63.5 62.2 93.2



#12

1,1-Dichloroethene

Concen: 3.414 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

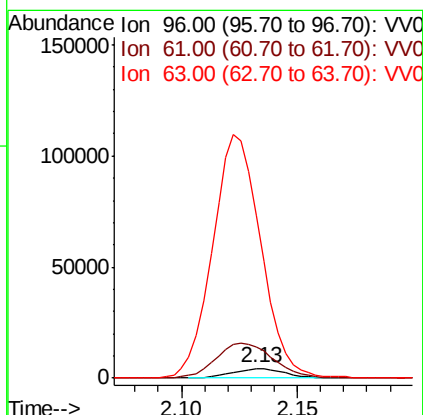
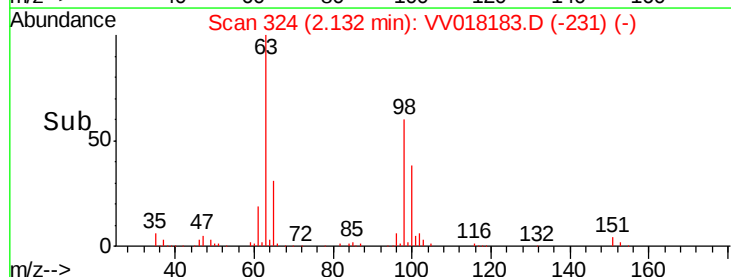
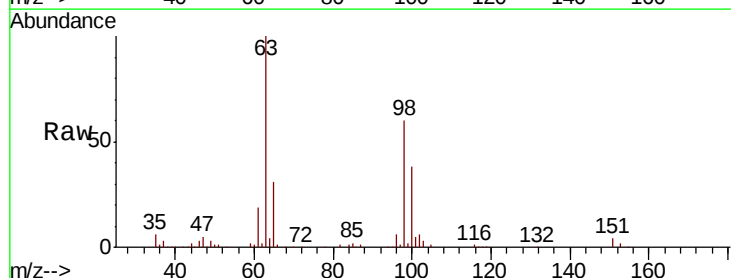
Tgt Ion: 96 Resp: 6836

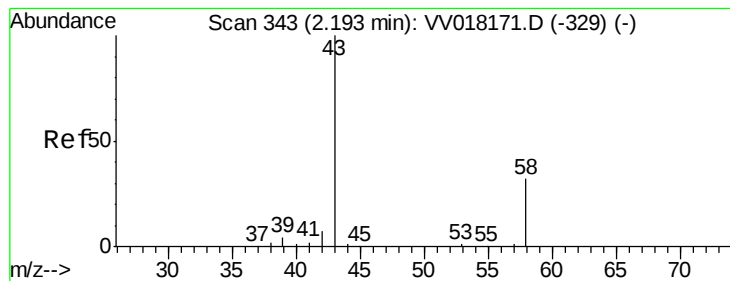
Ion Ratio Lower Upper

96 100

61 322.2 122.9 228.3#

63 1675.1 91.9 170.7#





#13

Acetone

Concen: 5.991 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

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ClientSampleId :

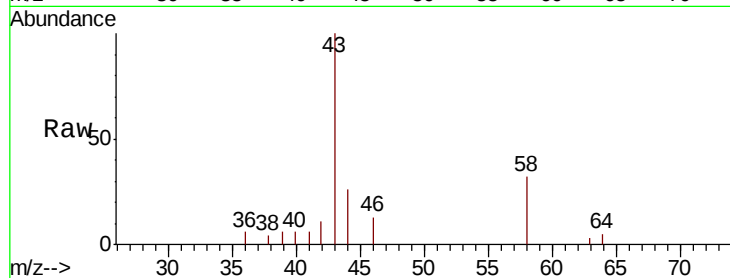
MDL01

Tot Ion: 43 Resp: 7299

Ion Ratio Lower Upper

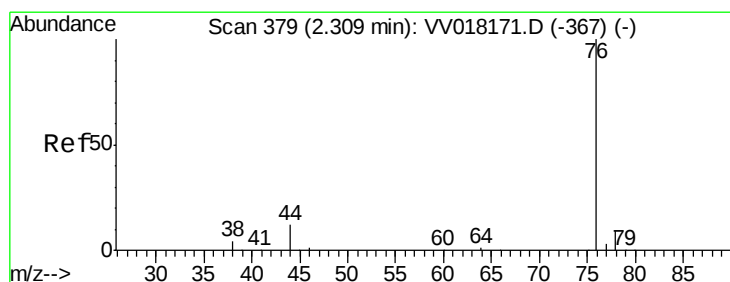
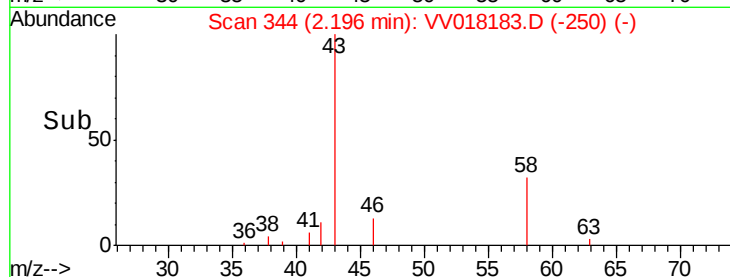
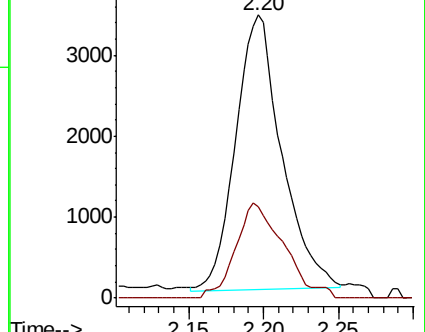
43 100

58 28.3 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: 2.706 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018183.D

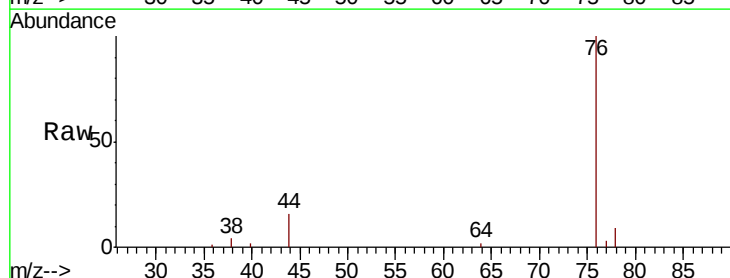
Acq: 10 Sep 2020 16:42

Tgt Ion: 76 Resp: 16579

Ion Ratio Lower Upper

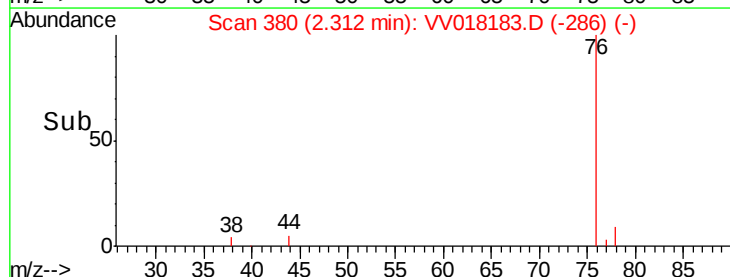
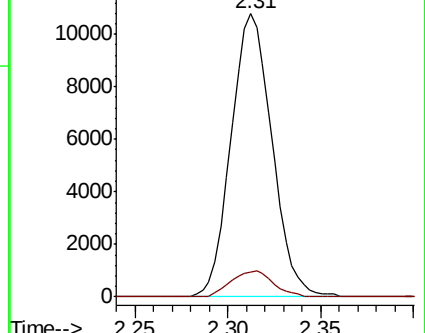
76 100

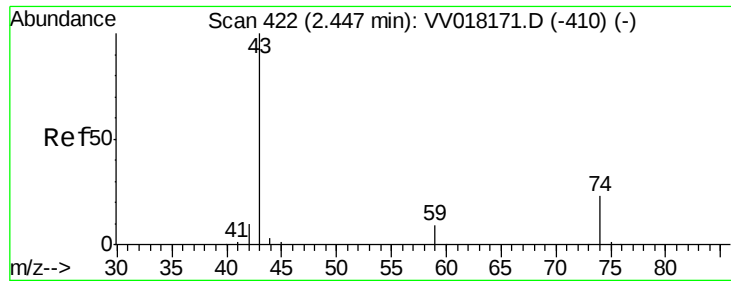
78 8.8 7.3 10.9



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

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

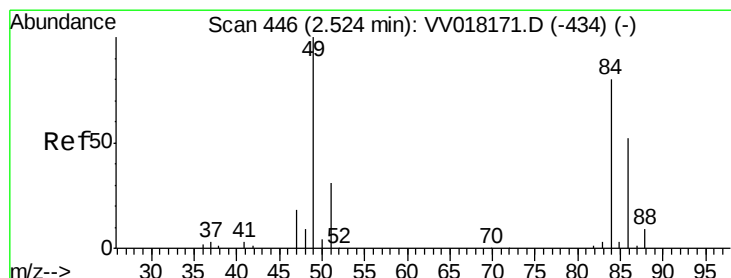
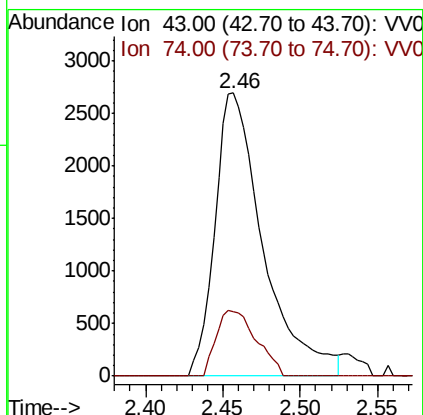
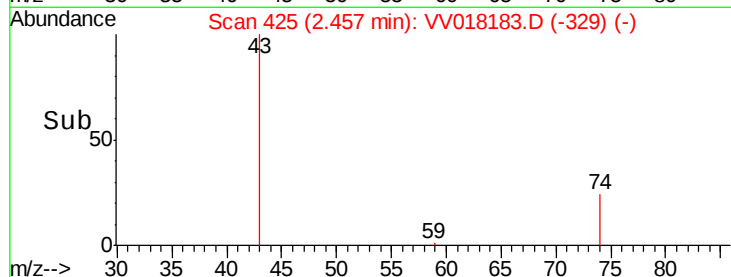
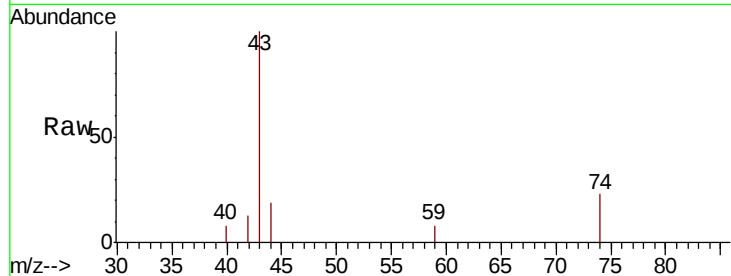




#15
Methvl Acetate
Concen: 2.662 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

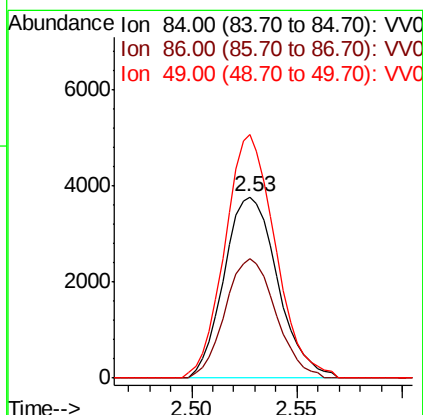
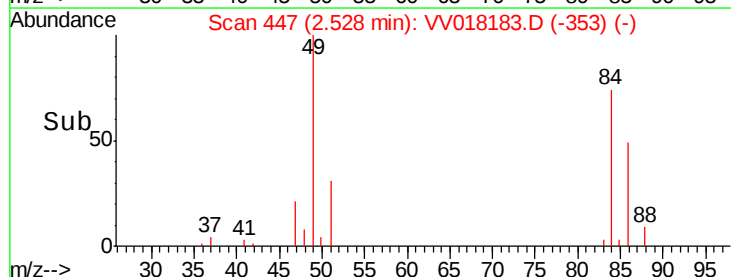
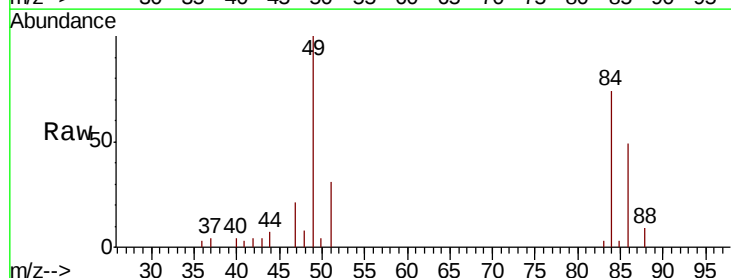
Instrument :
MSVOA_V
ClientSampled :
MDL01

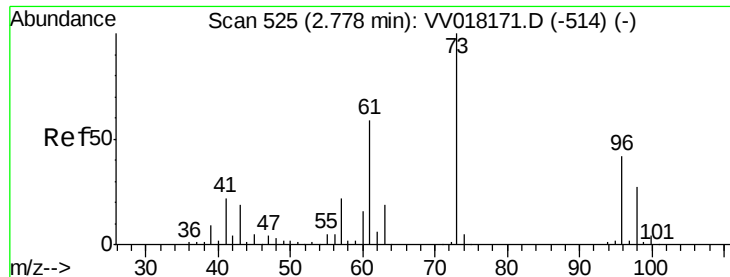
Tot Ion: 43 Resp: 5828
Ion Ratio Lower Upper
43 100
74 19.4 18.4 27.6



#16
Methylene chloride
Concen: 2.961 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 84 Resp: 6650
Ion Ratio Lower Upper
84 100
86 65.6 44.4 82.4
49 134.3 87.2 162.0

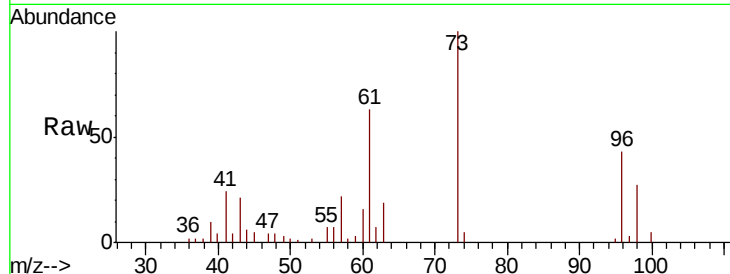




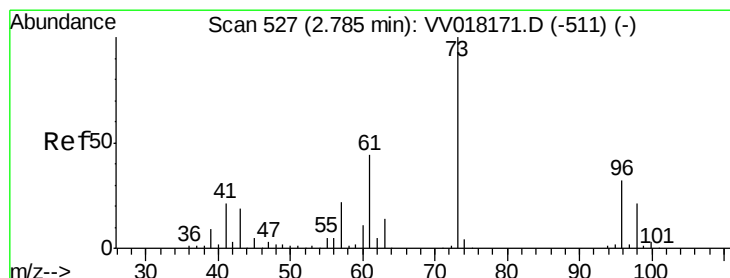
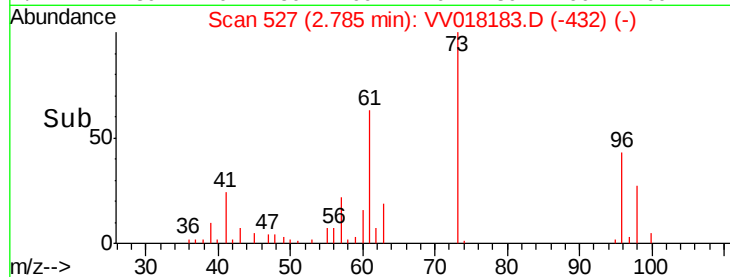
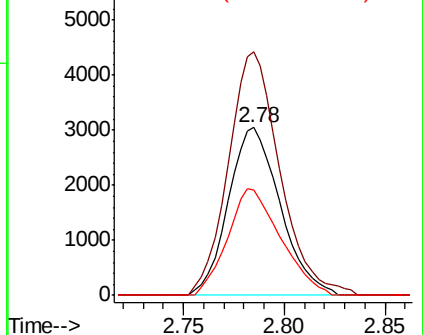
#17
trans-1,2-Dichloroethene
Concen: 2.657 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion: 96 Resp: 5484
Ion Ratio Lower Upper
96 100
61 145.1 100.7 186.9
98 62.5 45.2 84.0

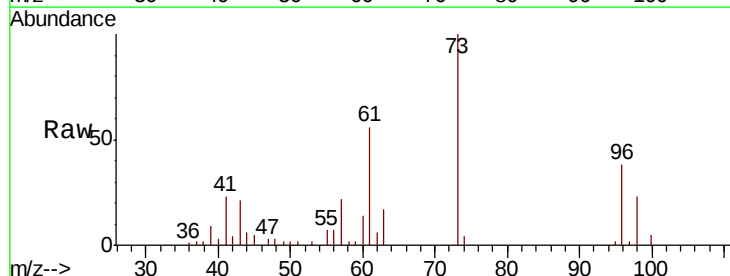


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

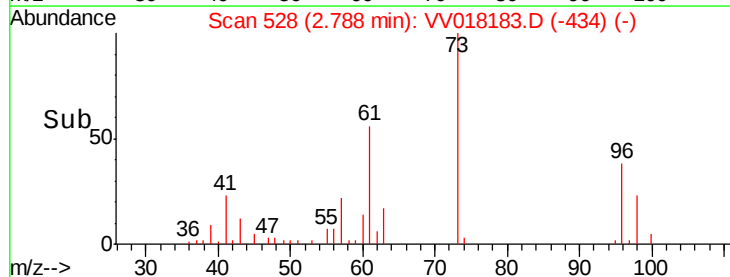
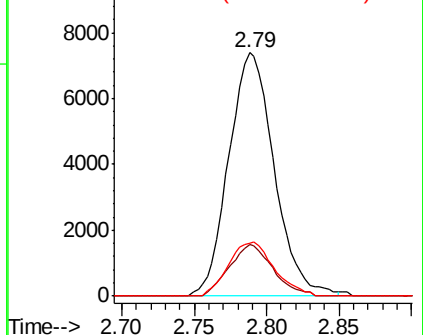


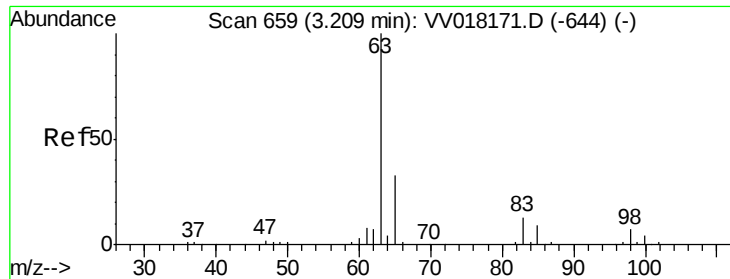
#18
Methyl tert-butyl Ether
Concen: 2.528 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 73 Resp: 16136
Ion Ratio Lower Upper
73 100
43 20.2 15.4 23.0
57 22.2 18.0 27.0



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

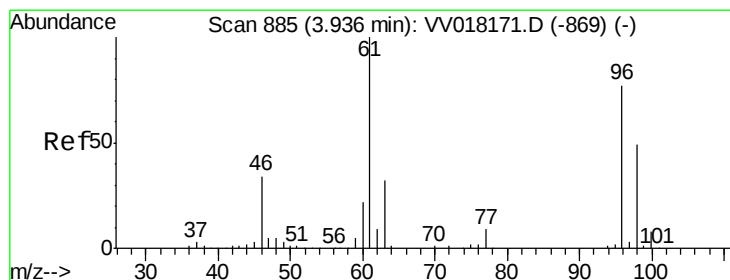
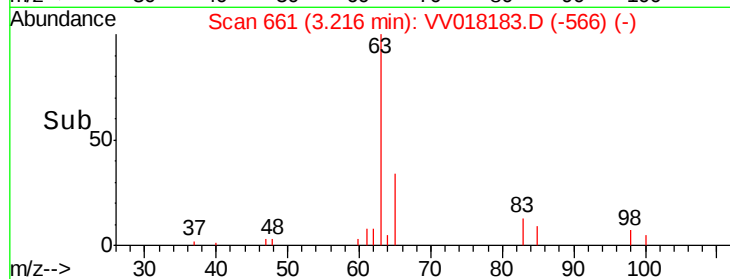
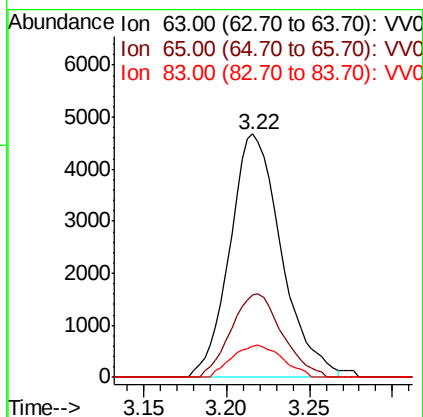
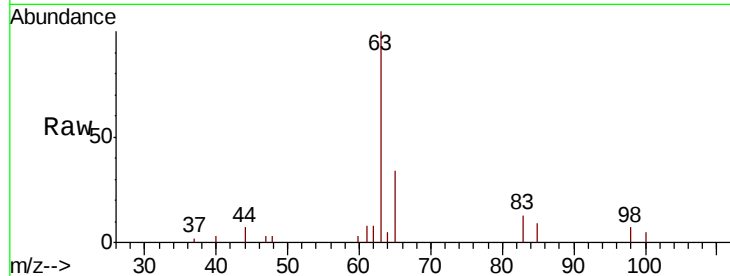




#19
 1,1-Dichloroethane
 Concen: 2.588 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

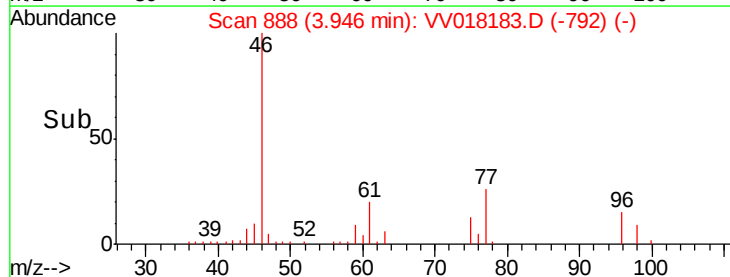
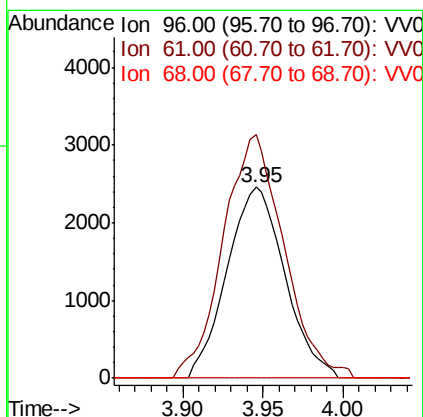
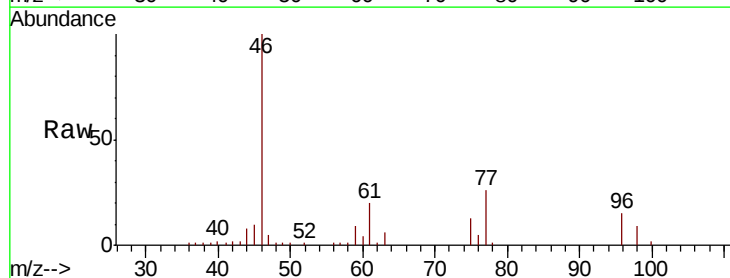
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

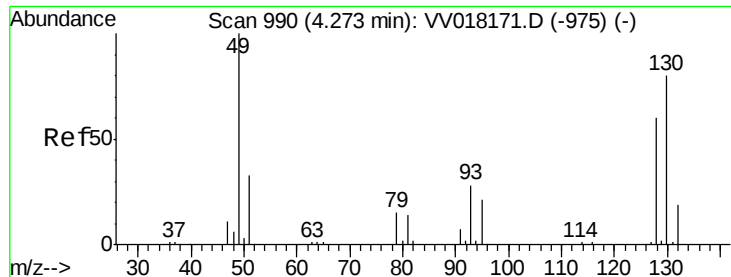
Tot Ion: 63 Resp: 10099
 Ion Ratio Lower Upper
 63 100
 65 33.8 22.5 41.7
 83 12.6 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 2.760 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 96 Resp: 6089
 Ion Ratio Lower Upper
 96 100
 61 127.6 93.6 173.8
 68 0.0 0.0 0.0

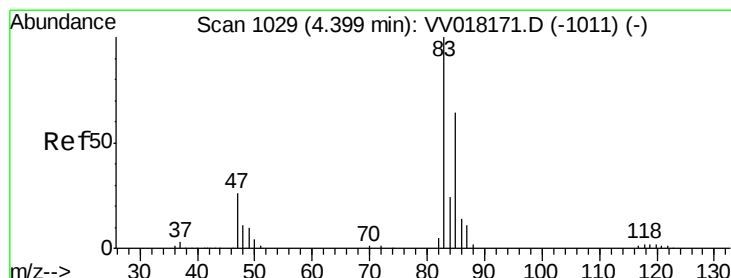
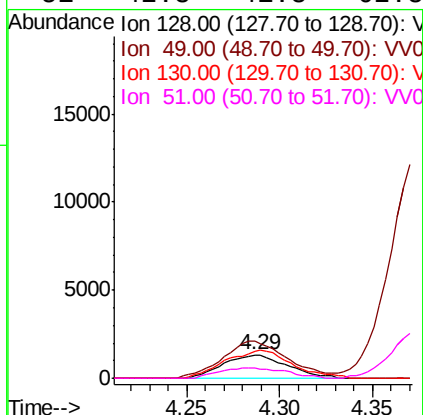
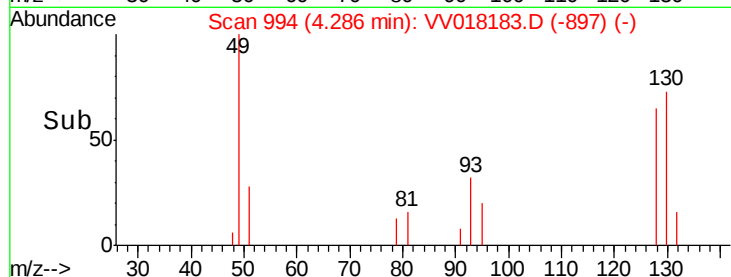
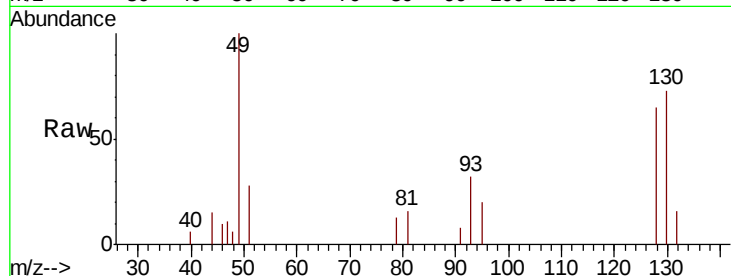




#23
 Bromochloromethane
 Concen: 2.745 ug/L
 RT: 4.29 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

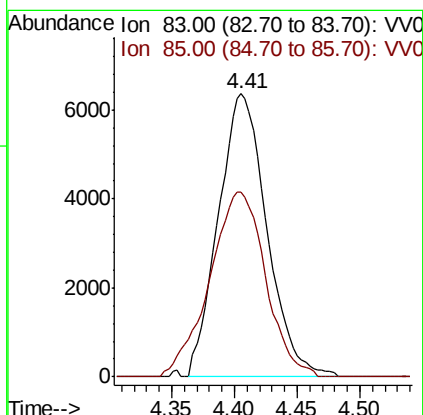
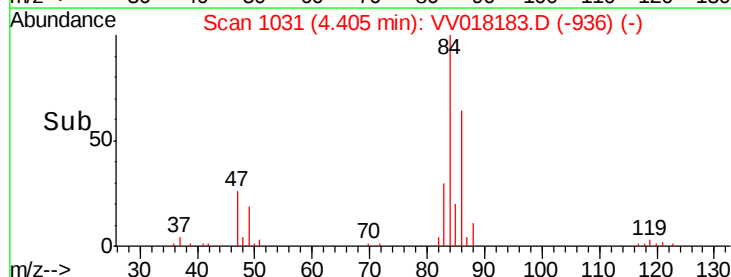
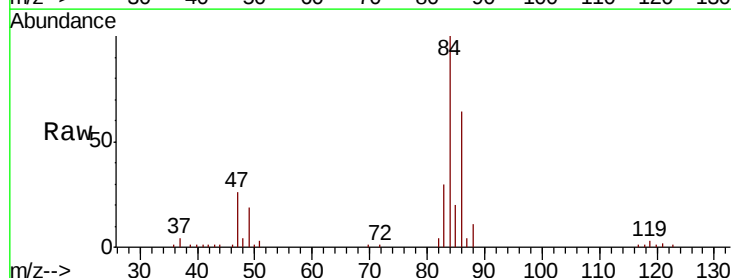
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

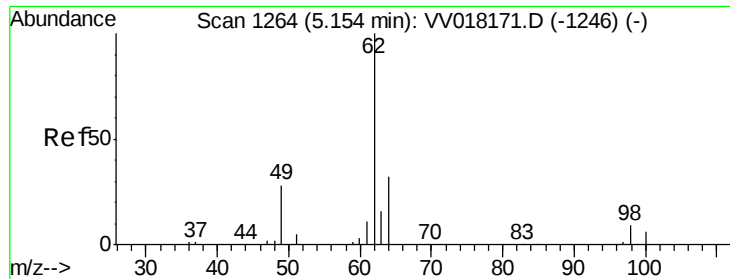
Tot Ion:	128	Resp:	3169
Ion	Ratio	Lower	Upper
128	100		
49	154.5	114.4	212.6
130	112.1	87.9	163.3
51	42.8	41.8	62.8



#25
 Chloroform
 Concen: 4.322 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion:	83	Resp:	17145
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.0	83.6

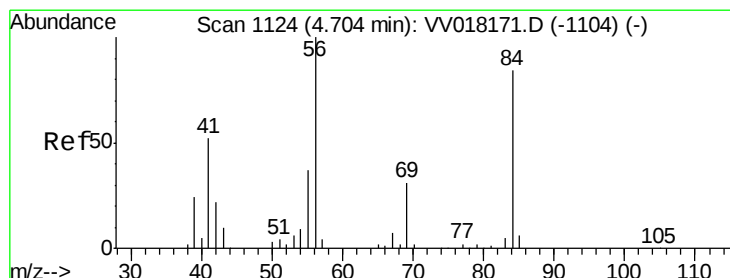
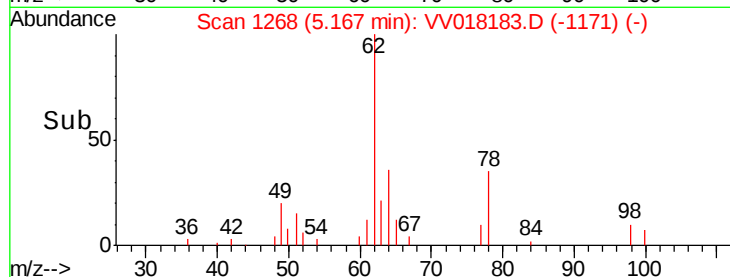
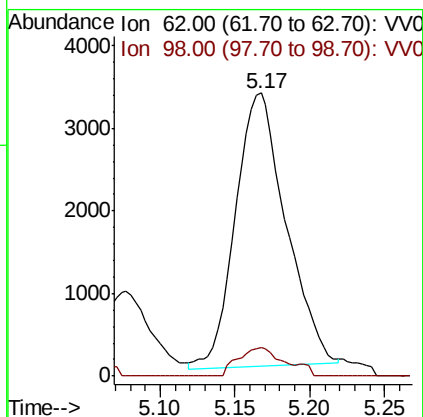
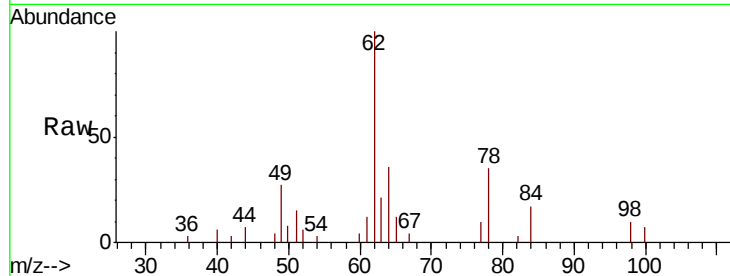




#27
 1,2-Dichloroethane
 Concen: 2.523 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

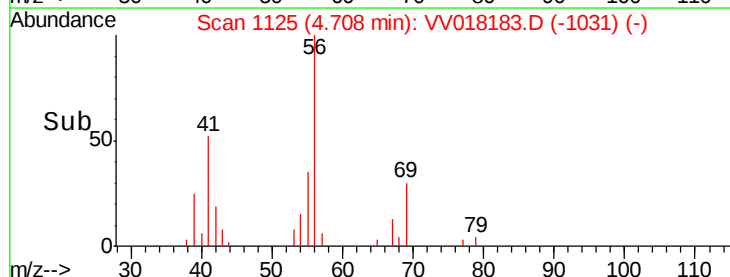
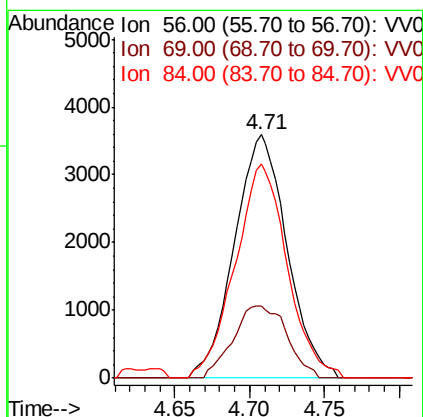
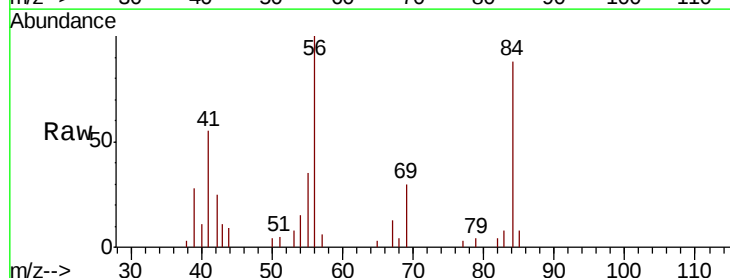
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

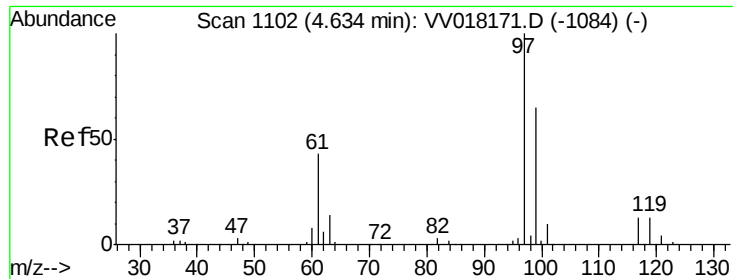
Tot Ion: 62 Resp: 7748
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.6 11.4



#29
 Cyclohexane
 Concen: 2.534 ug/L
 RT: 4.71 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 56 Resp: 8764
 Ion Ratio Lower Upper
 56 100
 69 30.3 24.2 36.2
 84 87.1 68.3 102.5

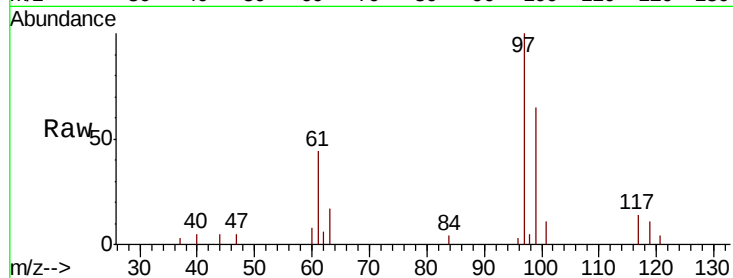




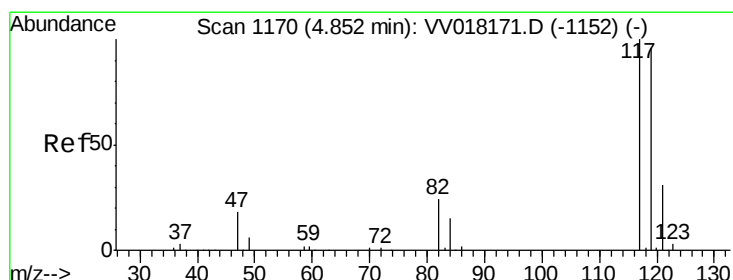
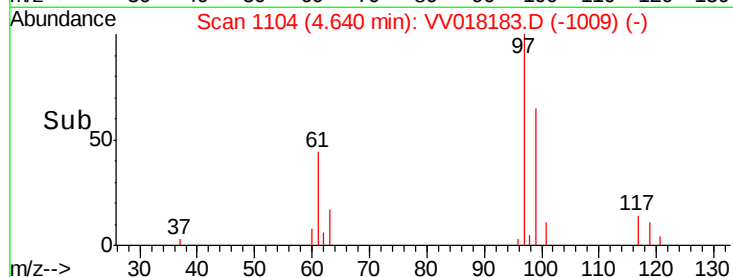
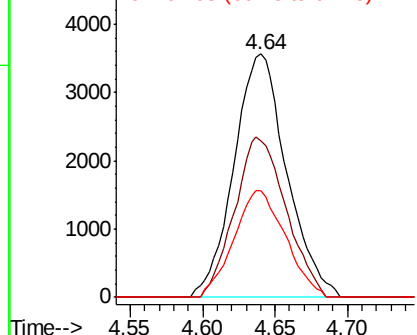
#30
 1,1,1-Trichloroethane
 Concen: 2.592 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion: 97 Resp: 9011
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.6 77.4
 61 42.8 34.9 52.3

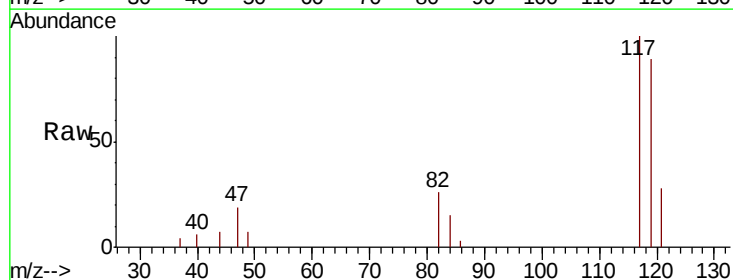


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

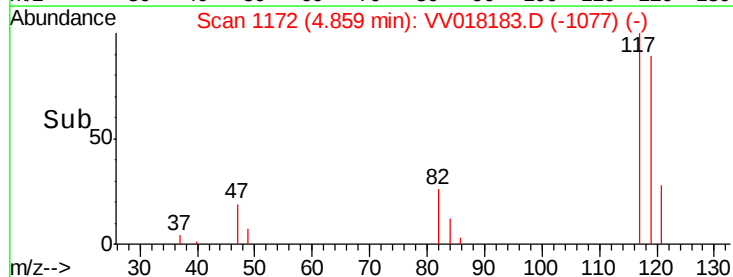
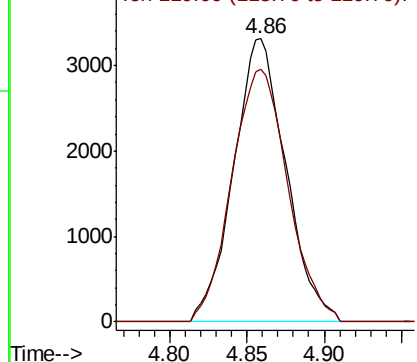


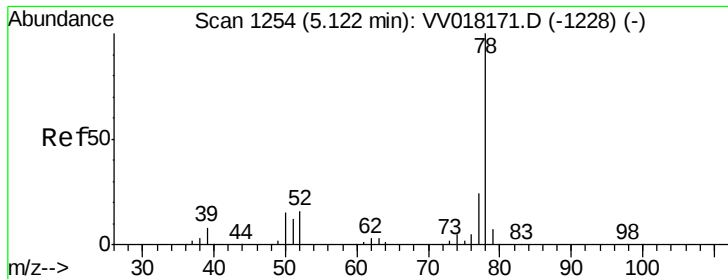
#31
 Carbon tetrachloride
 Concen: 2.547 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 117 Resp: 7784
 Ion Ratio Lower Upper
 117 100
 119 95.7 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#33

Benzene

Concen: 2.704 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

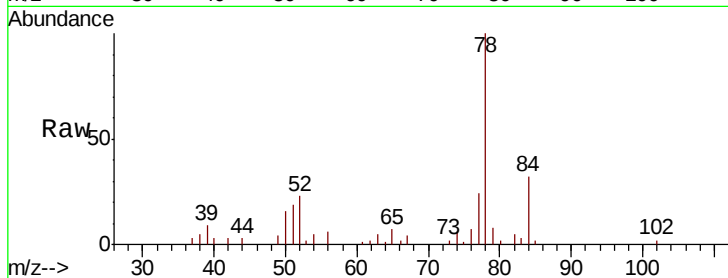
Instrument :

MSVOA_V

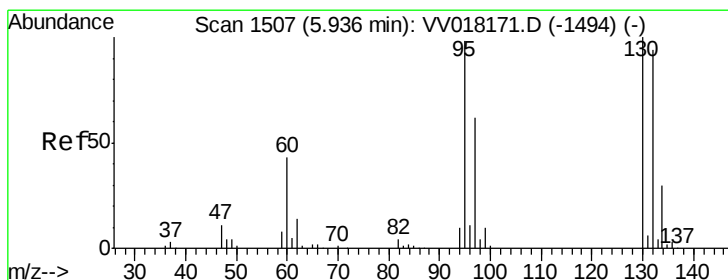
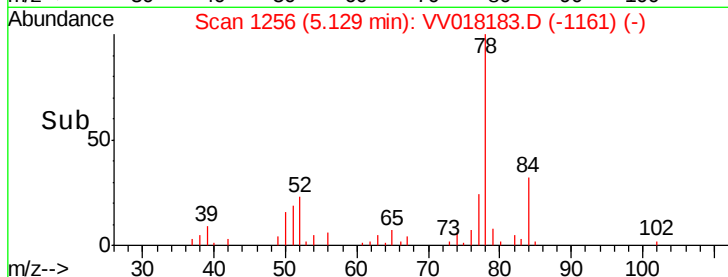
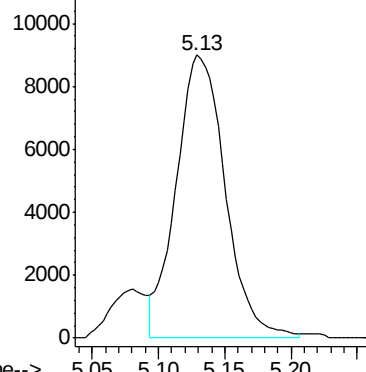
ClientSampleId :

MDL01

Tgt Ion: 78 Resp: 23153



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 2.796 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion: 95 Resp: 6524

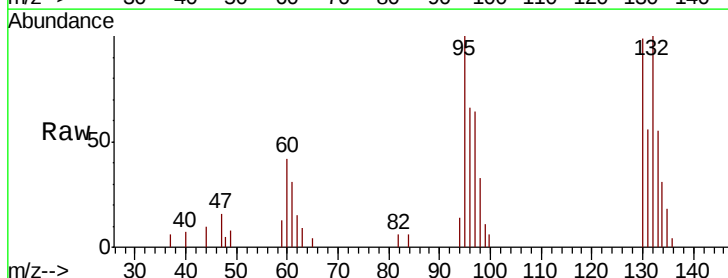
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.3	85.9
132	99.9	68.1	126.5
130	98.6	71.5	132.9

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): VV0

Ion 130.00 (129.70 to 130.70): VV0

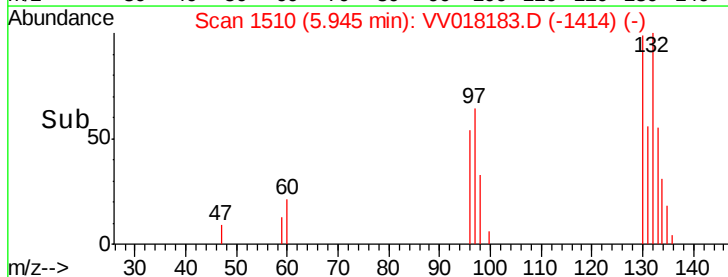
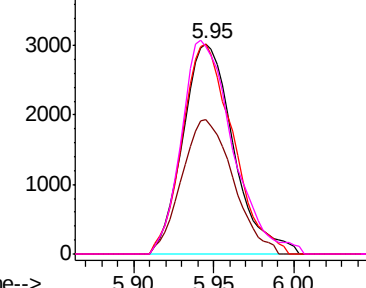


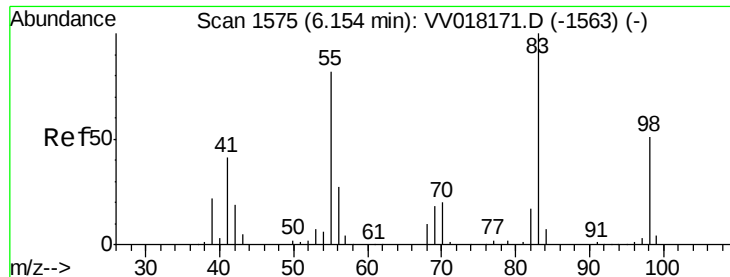
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

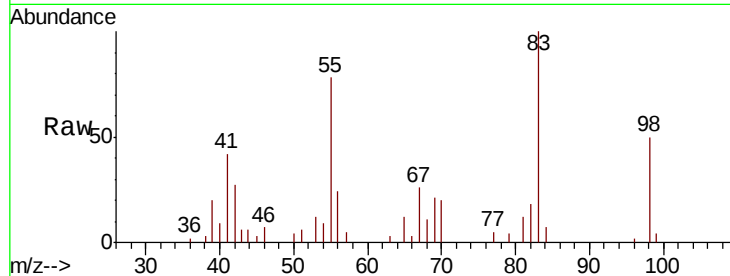




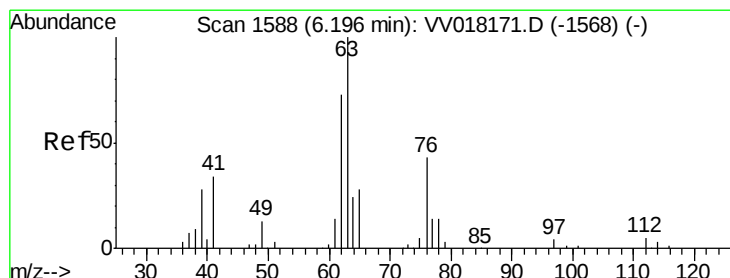
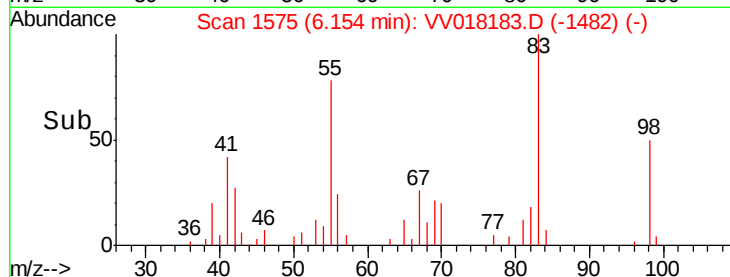
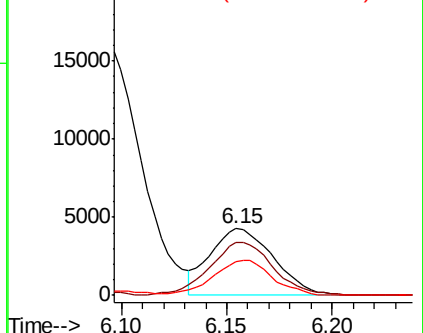
#35
Methvlcvclohexane
Concen: 2.533 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 83 Resp: 8897
Ion Ratio Lower Upper
83 100
55 79.4 63.4 95.2
98 48.5 38.8 58.2

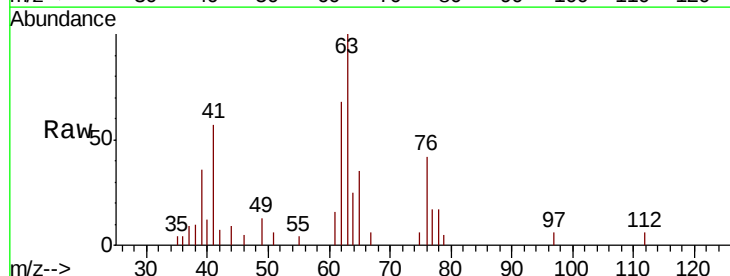


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

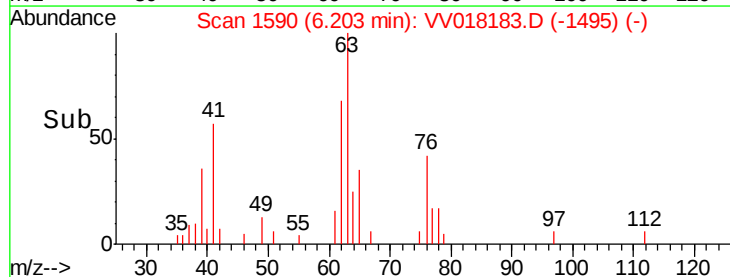
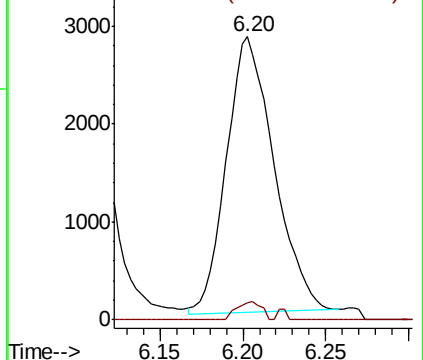


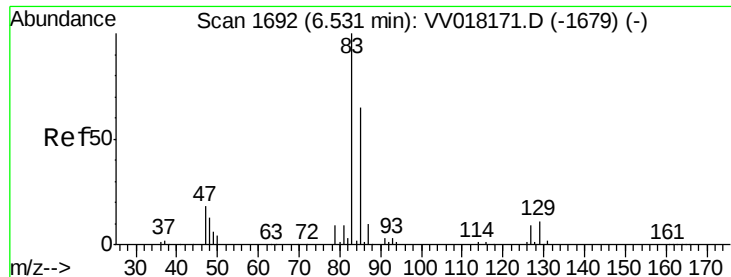
#37
1,2-Dichloropropane
Concen: 2.477 ug/L
RT: 6.20 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 63 Resp: 5621
Ion Ratio Lower Upper
63 100
112 3.4 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: 2.488 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

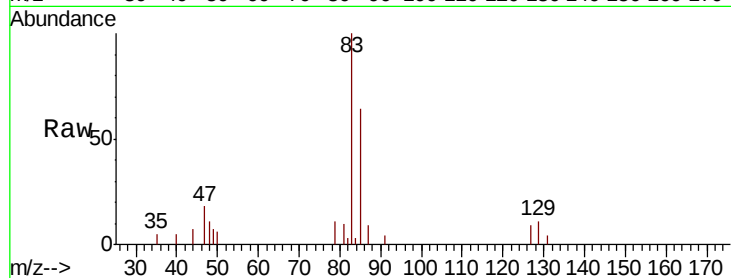
Tot Ion: 83 Resp: 7347

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

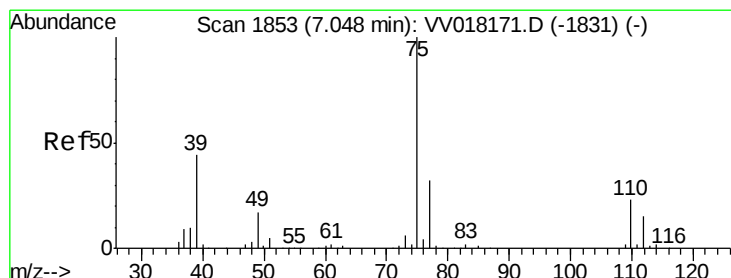
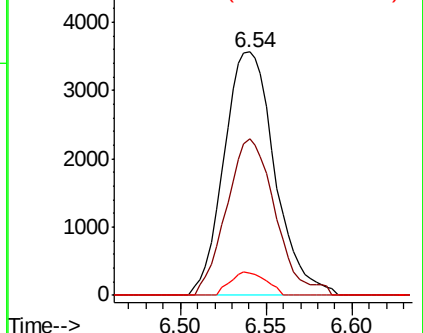
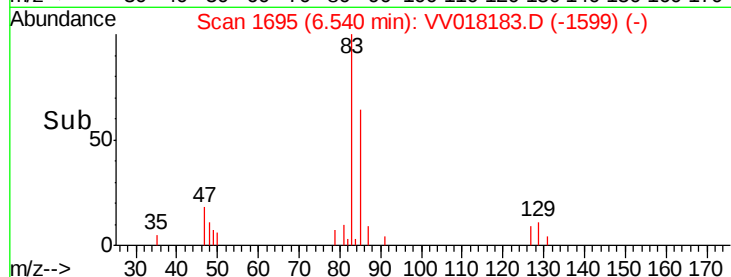
127 9.2 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VV018183.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV018183.D (-1599) (-)

Ion 127.00 (126.70 to 127.70): VV018183.D (-1599) (-)



#39

cis-1,3-Dichloropropene

Concen: 2.368 ug/L

RT: 7.06 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VV018183.D

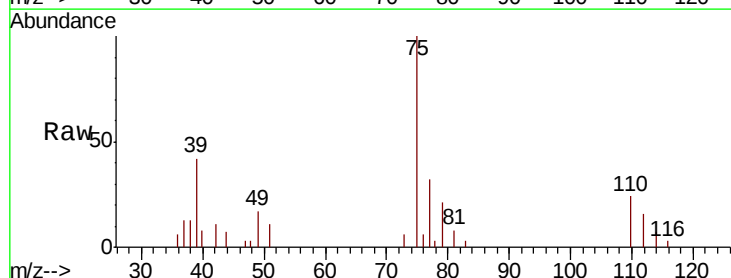
Acq: 10 Sep 2020 16:42

Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

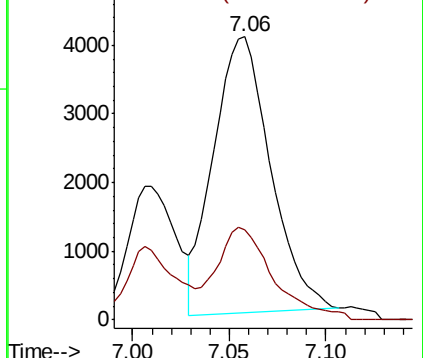
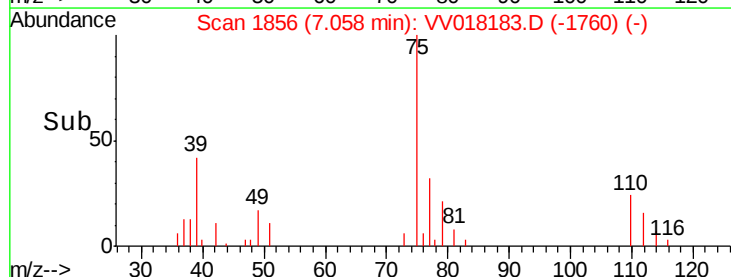
75 100

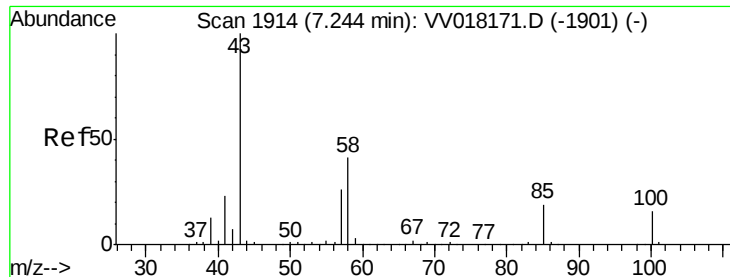
77 31.8 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV018183.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV018183.D (-1760) (-)

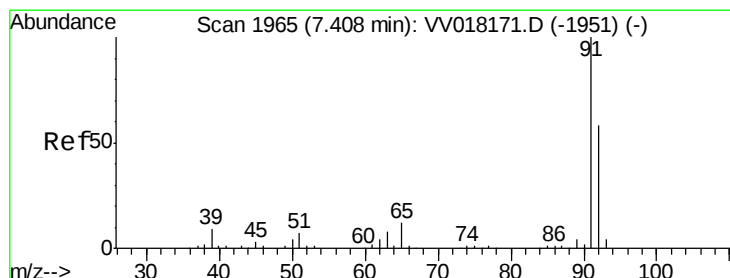
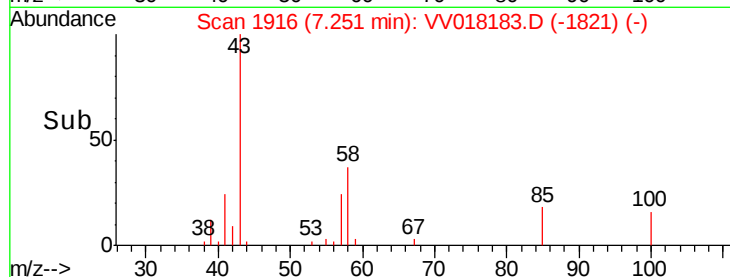
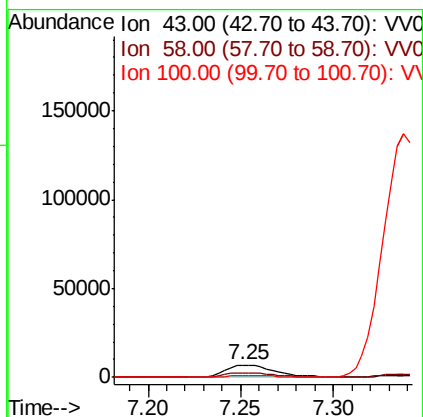
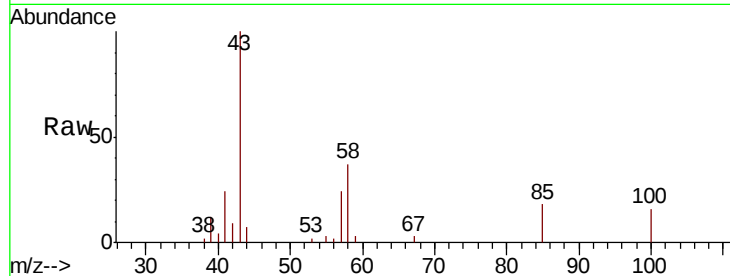




#40
4-Methyl-2-pentanone
Concen: 4.698 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

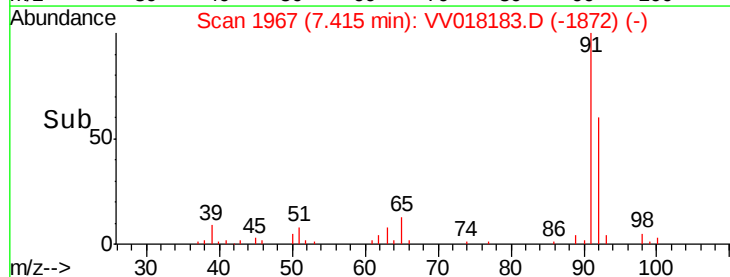
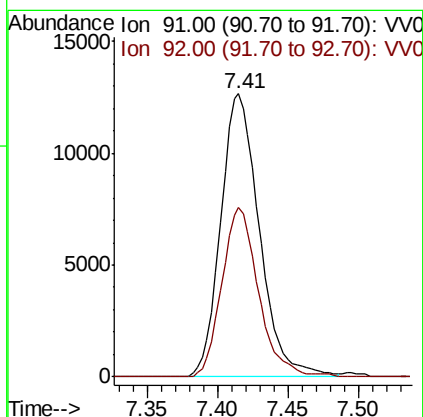
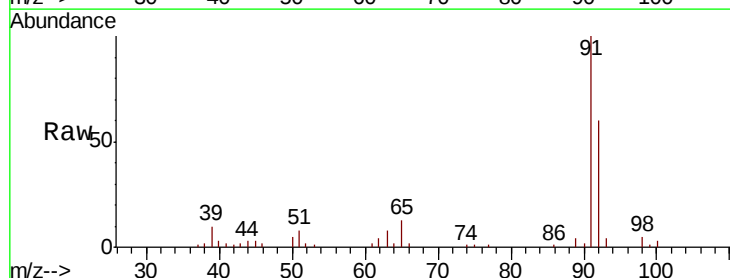
Instrument :
MSVOA_V
ClientSampleId :
MDL01

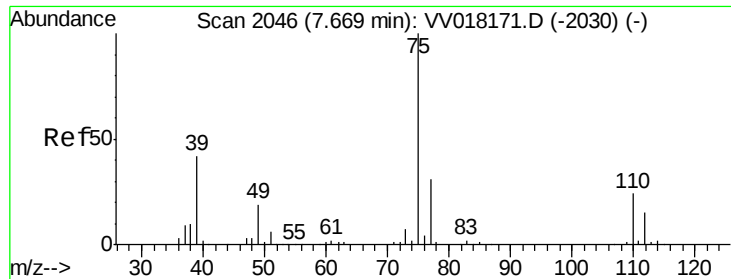
Tot Ion: 43 Resp: 12935
Ion Ratio Lower Upper
43 100
58 37.7 32.4 48.6
100 16.3 12.7 19.1



#42
Toluene
Concen: 2.668 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion: 91 Resp: 24181
Ion Ratio Lower Upper
91 100
92 59.9 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 2.595 ug/L

RT: 7.68 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

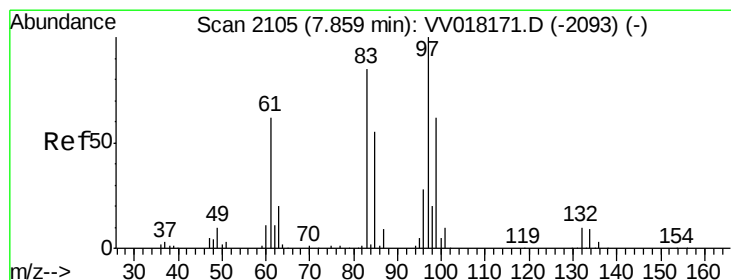
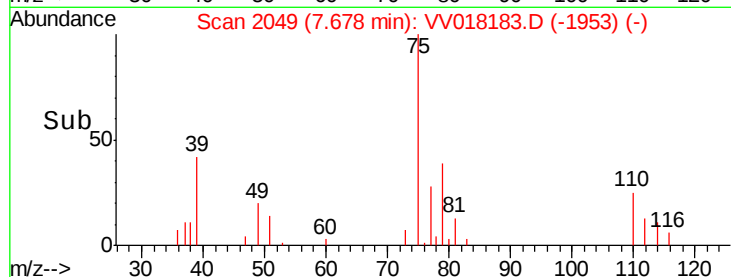
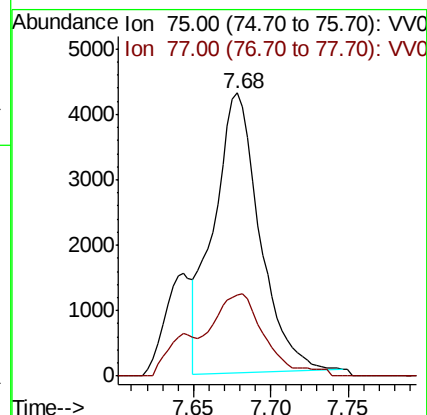
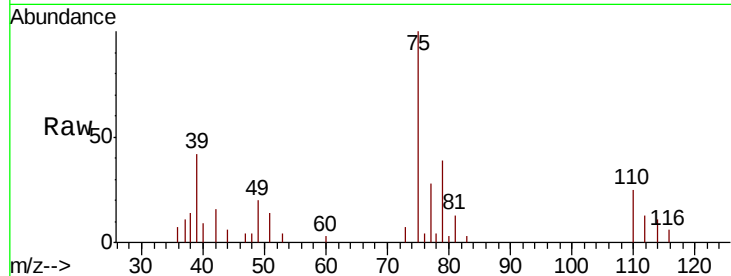
MDL01

Tot Ion: 75 Resp: 8835

Ion Ratio Lower Upper

75 100

77 28.5 22.3 41.5



#45

1,1,2-Trichloroethane

Concen: 2.690 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion: 97 Resp: 5659

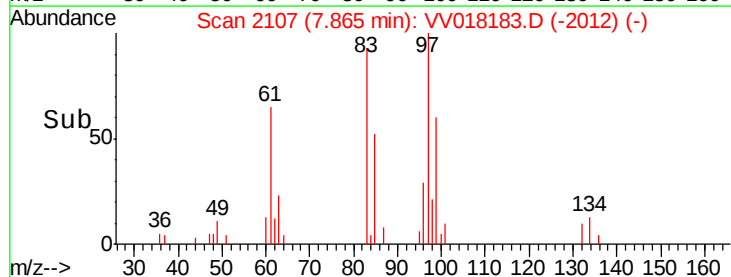
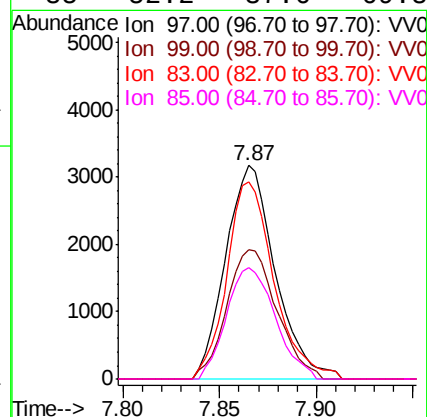
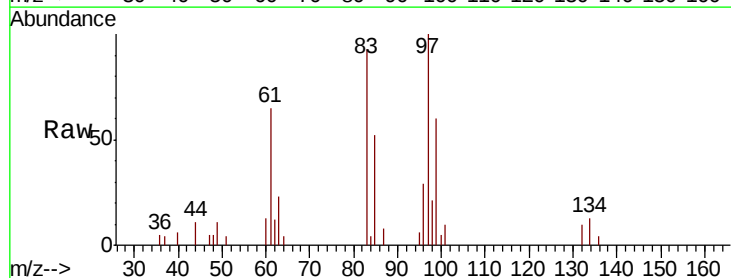
Ion Ratio Lower Upper

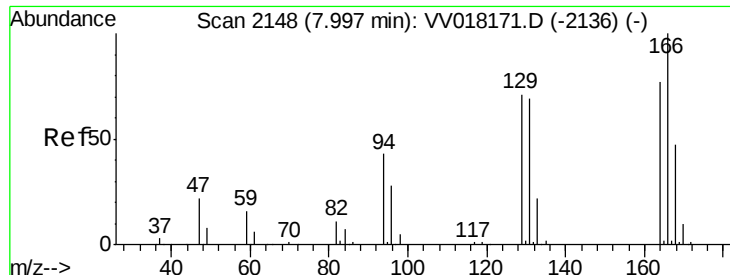
97 100

99 60.4 43.7 81.1

83 92.6 59.9 111.3

85 52.2 37.6 69.8





#46

Tetrachloroethene

Concen: 2.677 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion:164 Resp: 4896

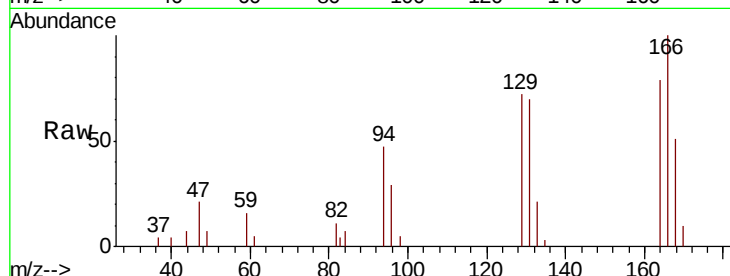
Ion Ratio Lower Upper

164 100

129 90.6 64.5 119.7

131 88.7 61.8 114.8

166 126.3 90.6 168.2

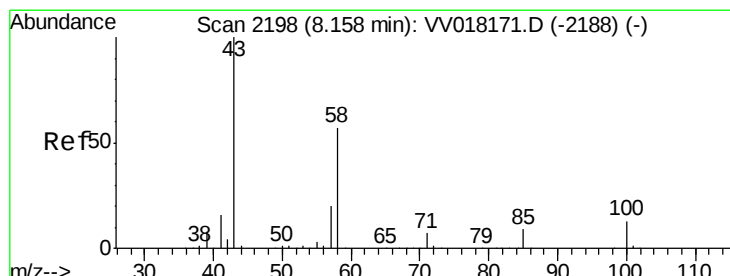
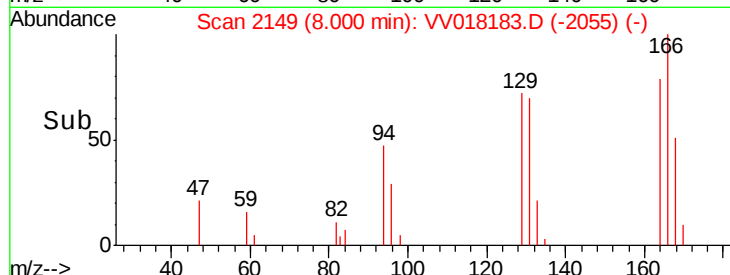
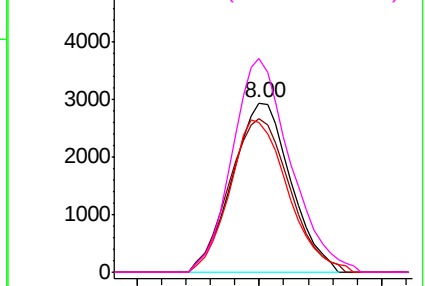


Abundance Ion 164.00 (163.70 to 164.70): V

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: 8.365 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Tgt Ion: 43 Resp: 18156

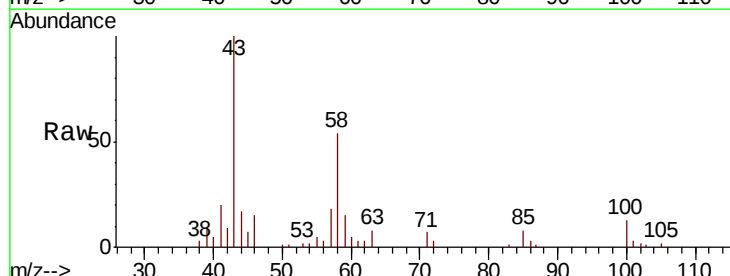
Ion Ratio Lower Upper

43 100

58 52.2 44.8 67.2

57 20.6 15.8 23.6

100 11.6 10.2 15.4

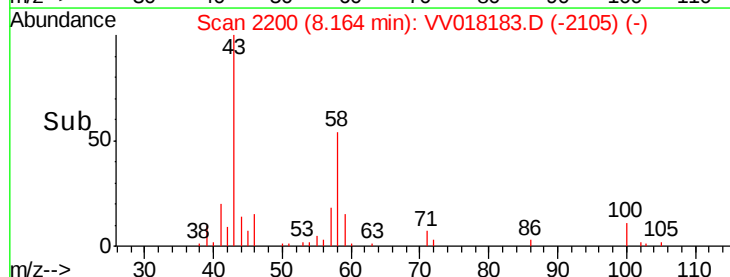
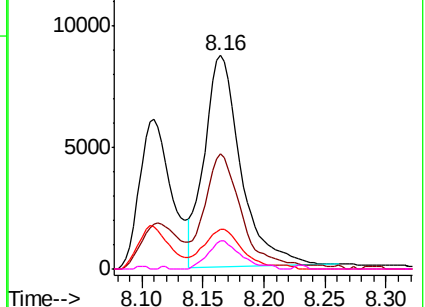


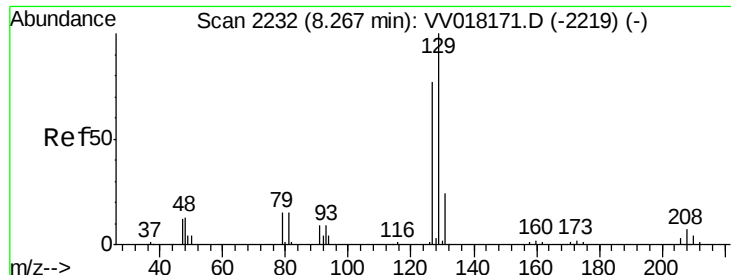
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.374 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

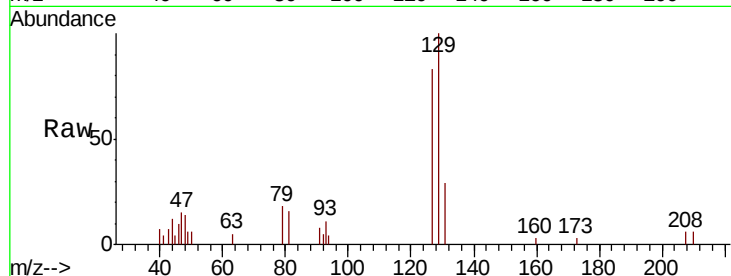
MDL01

Tot Ion:129 Resp: 5605

Ion Ratio Lower Upper

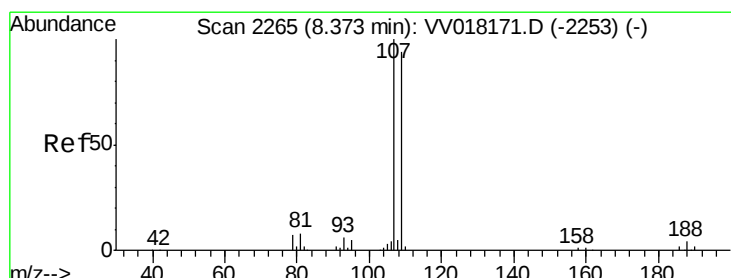
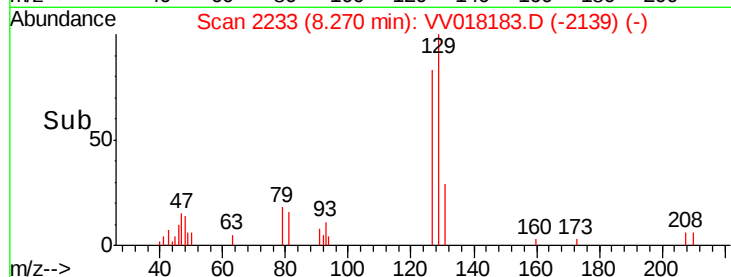
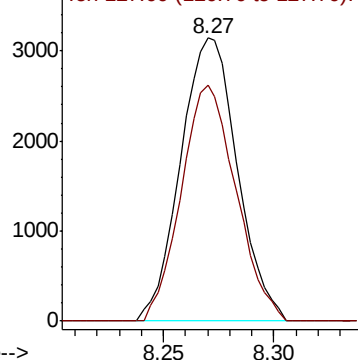
129 100

127 83.2 54.5 101.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.651 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

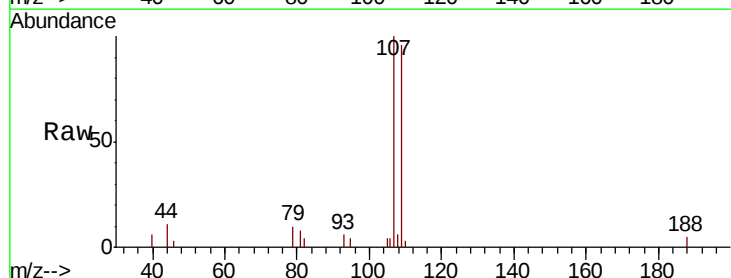
Tgt Ion:107 Resp: 5868

Ion Ratio Lower Upper

107 100

109 95.9 66.1 122.8

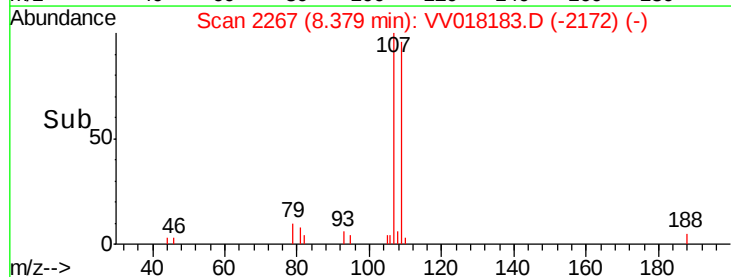
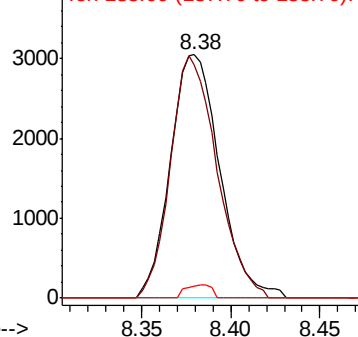
188 5.0 3.2 4.8#

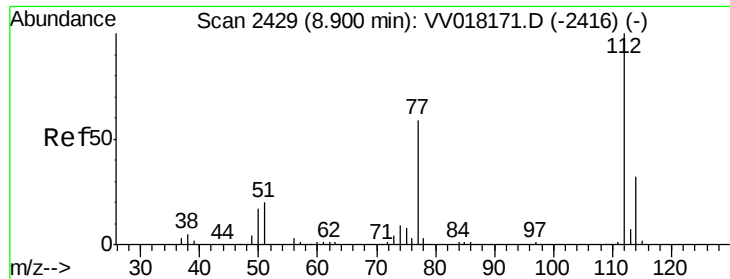


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 2.764 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

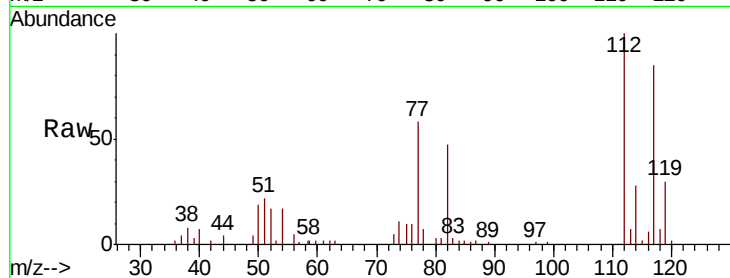
Tot Ion:112 Resp: 16271

Ion Ratio Lower Upper

112 100

114 28.0 22.6 42.0

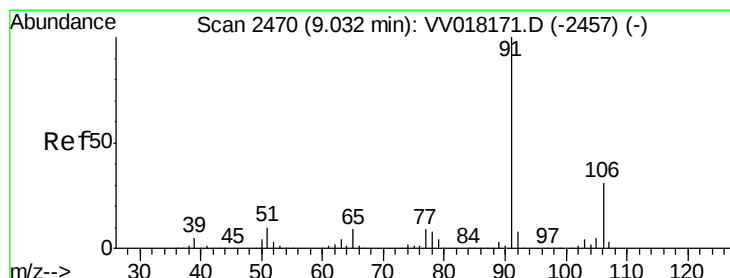
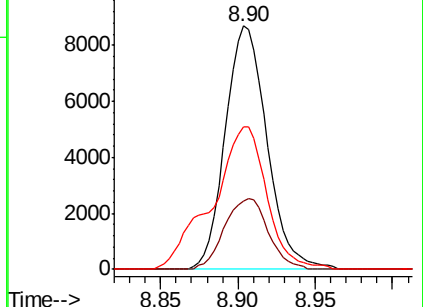
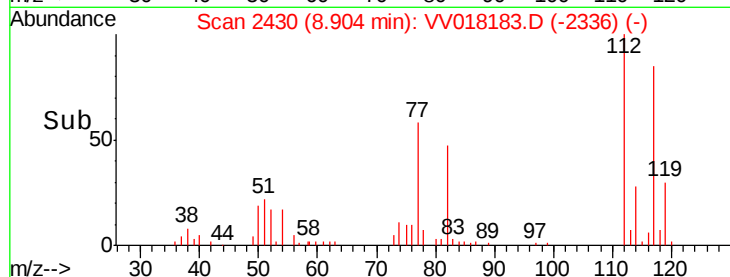
77 58.3 48.0 72.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 2.518 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018183.D

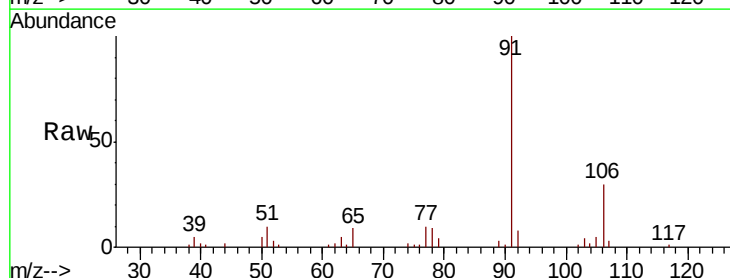
Acq: 10 Sep 2020 16:42

Tgt Ion: 91 Resp: 24917

Ion Ratio Lower Upper

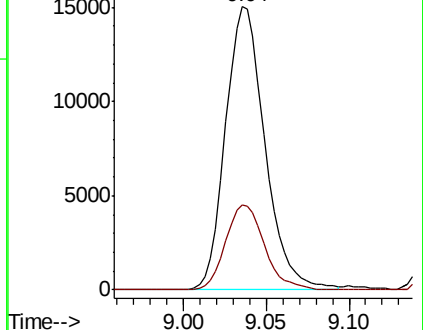
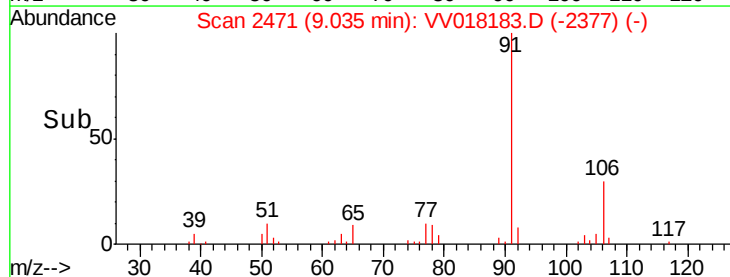
91 100

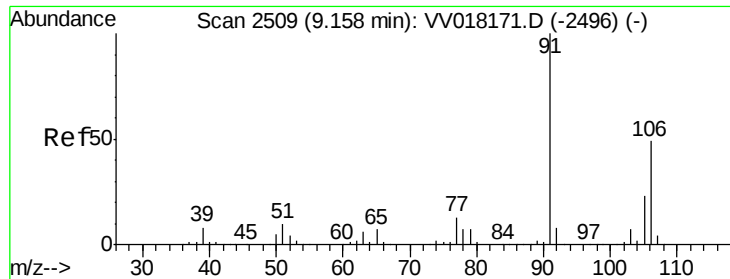
106 30.1 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 2.375 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

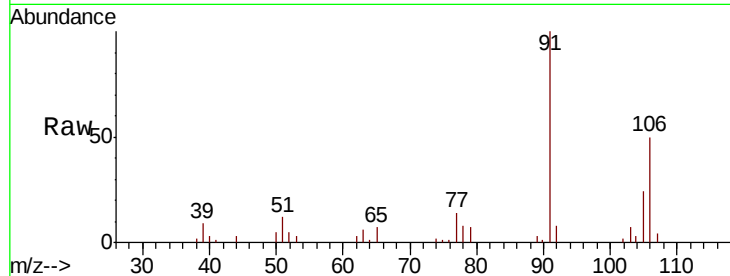
MDL01

Tot Ion:106 Resp: 8773

Ion Ratio Lower Upper

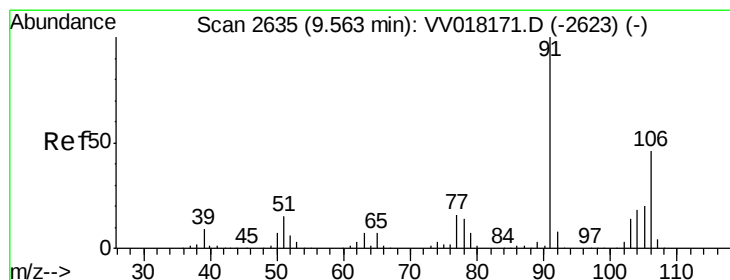
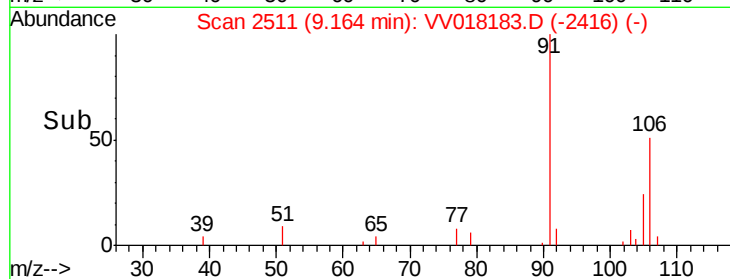
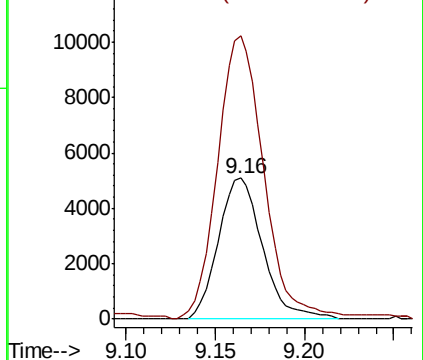
106 100

91 200.6 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.461 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018183.D

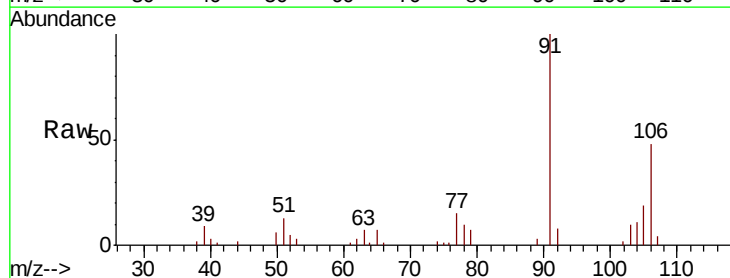
Acq: 10 Sep 2020 16:42

Tgt Ion:106 Resp: 8756

Ion Ratio Lower Upper

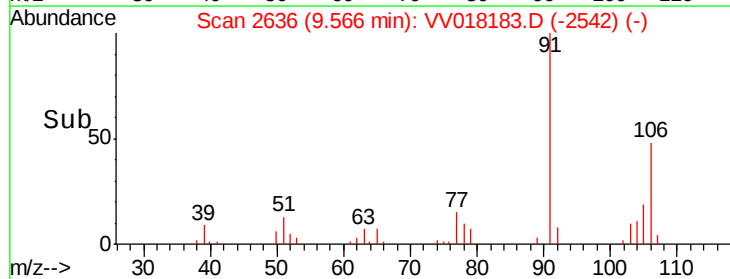
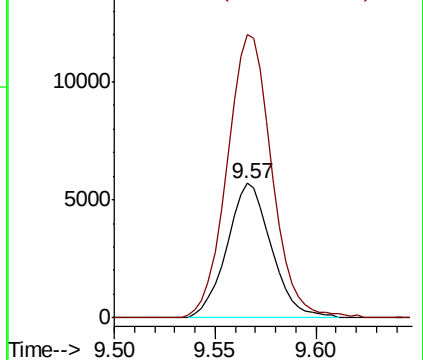
106 100

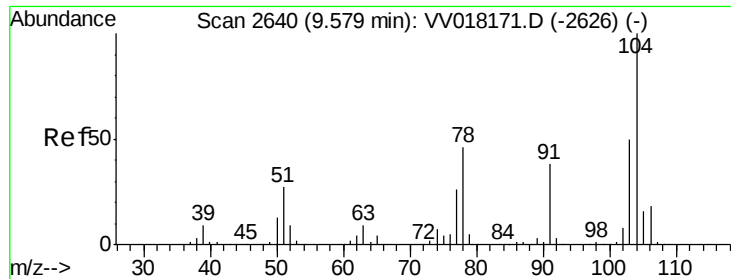
91 210.5 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

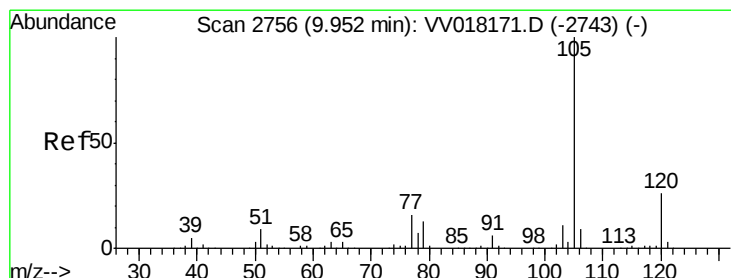
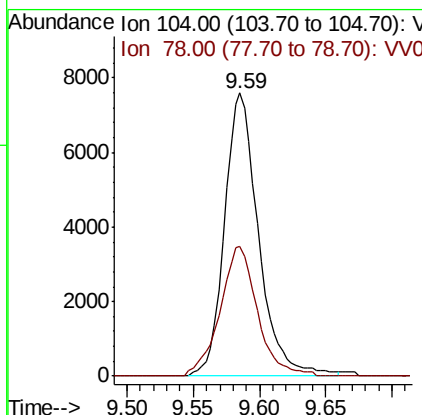
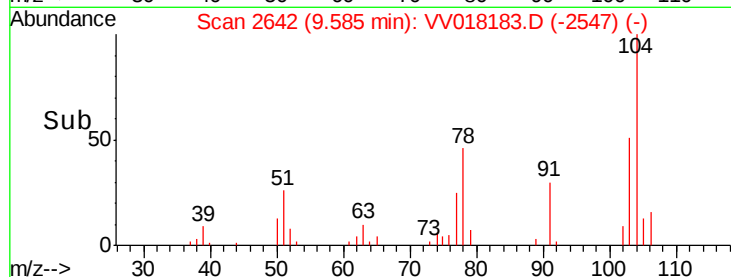
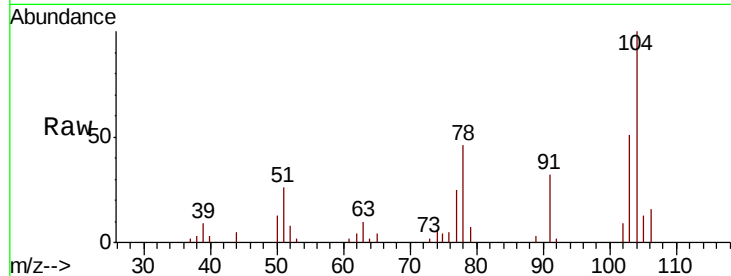




#55
Stvrene
Concen: 2.192 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

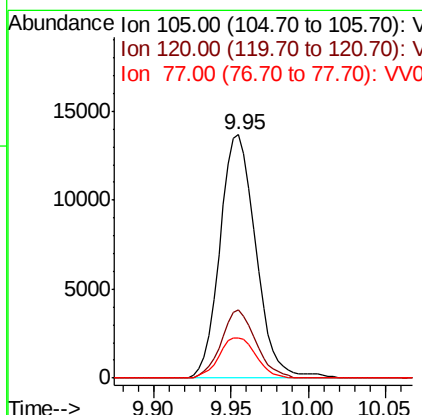
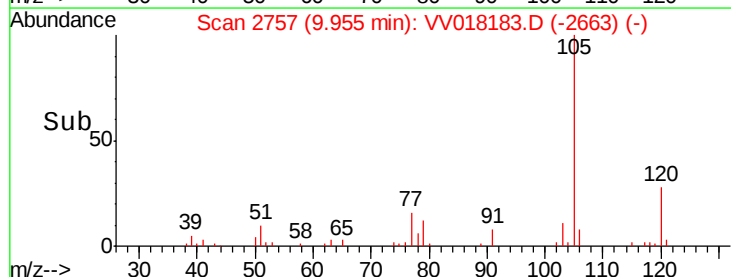
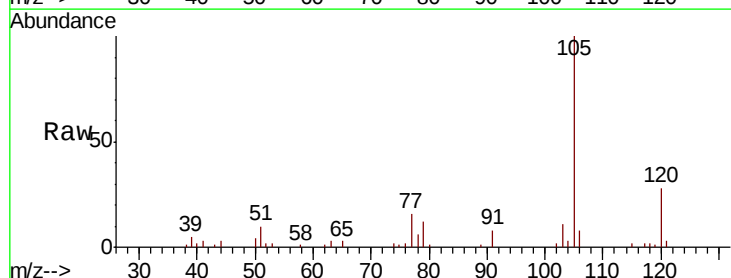
Instrument :
MSVOA_V
ClientSampled :
MDL01

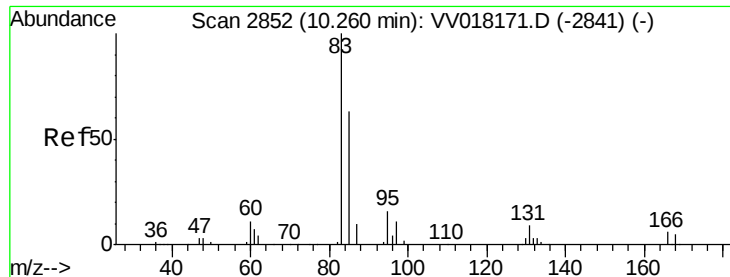
Tot Ion:104 Resp: 13557
Ion Ratio Lower Upper
104 100
78 45.9 31.4 58.2



#56
Isopropylbenzene
Concen: 2.297 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018183.D
Acq: 10 Sep 2020 16:42

Tgt Ion:105 Resp: 22023
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.9 12.5 18.7





#58

1,1,2,2-Tetrachloroethane

Concen: 2.716 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

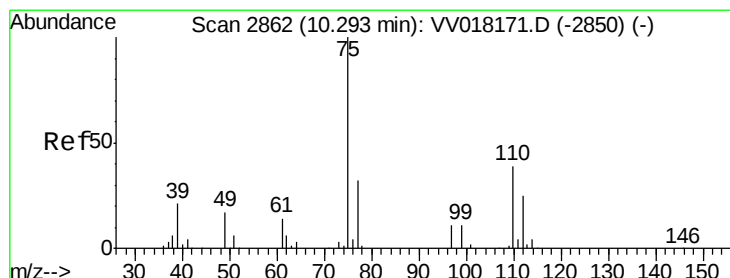
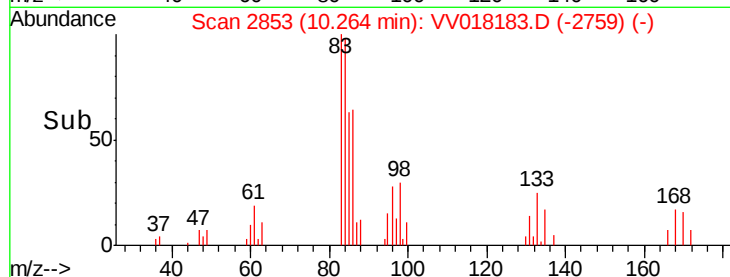
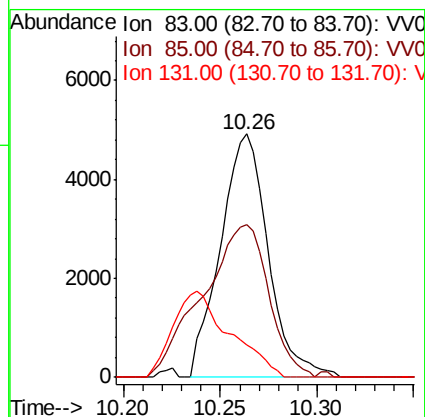
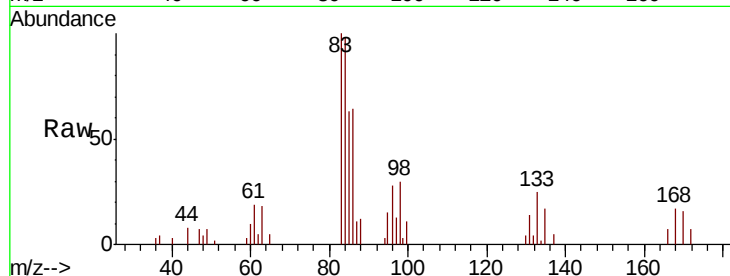
Tot Ion: 83 Resp: 8452

Ion Ratio Lower Upper

83 100

85 62.7 45.8 85.2

131 13.5 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 2.718 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV018183.D

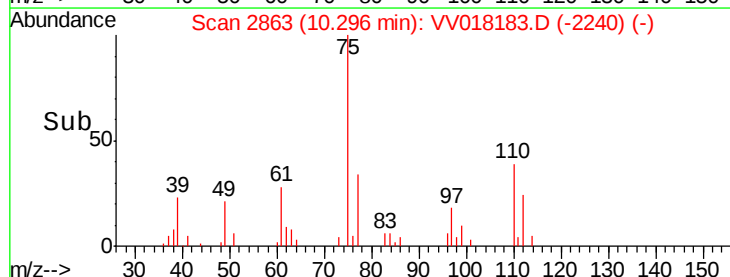
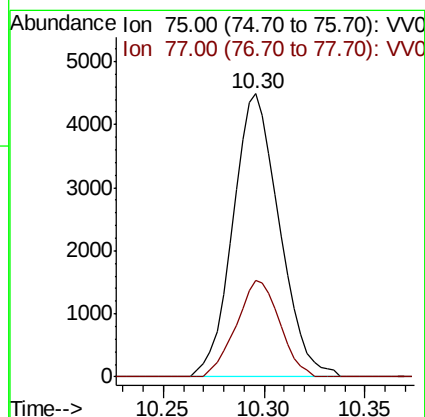
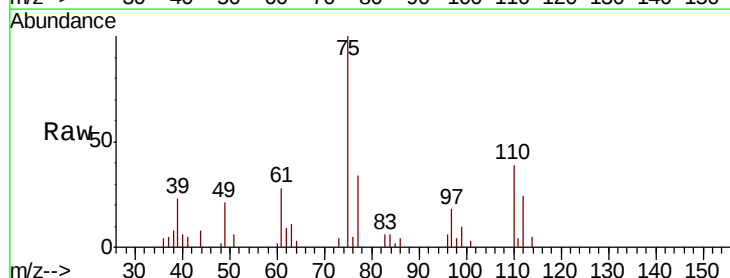
Acq: 10 Sep 2020 16:42

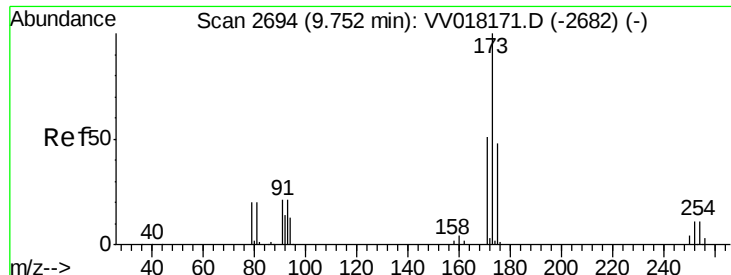
Tgt Ion: 75 Resp: 7255

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6





#61

Bromoform

Concen: 2.343 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

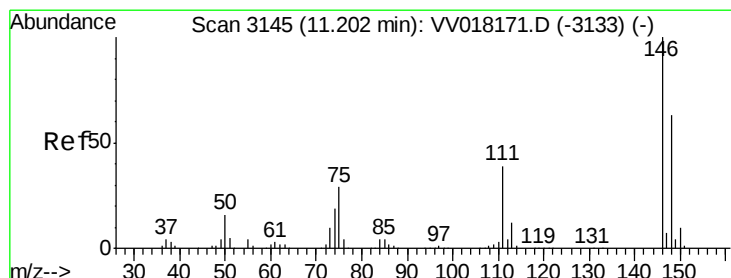
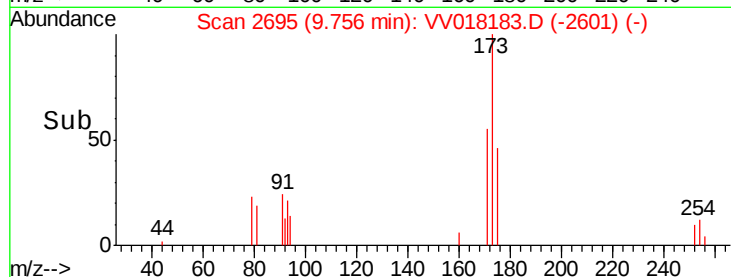
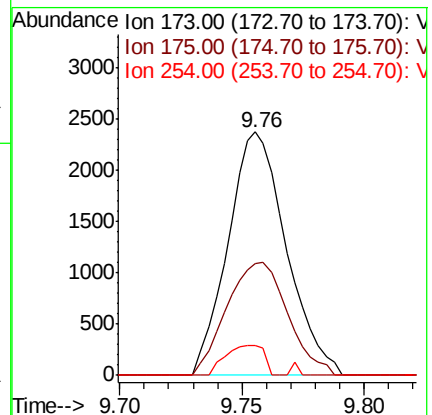
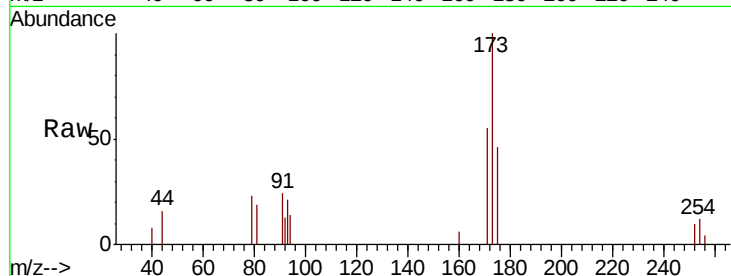
Tot Ion:173 Resp: 3928

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 8.2 9.0 13.4#



#62

1,3-Dichlorobenzene

Concen: 2.658 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

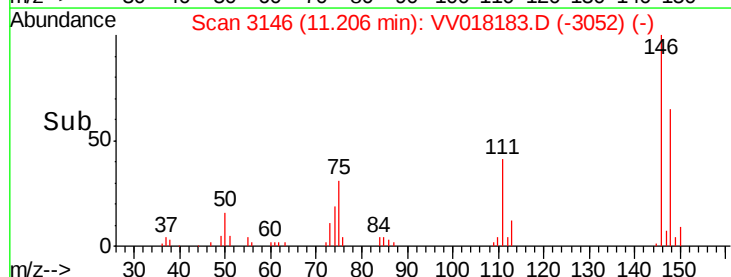
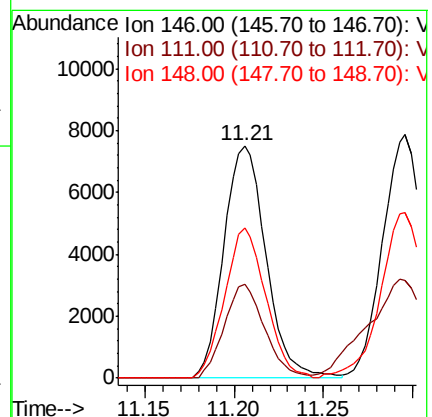
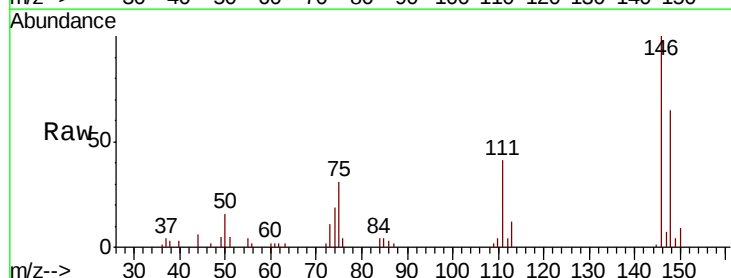
Tgt Ion:146 Resp: 12334

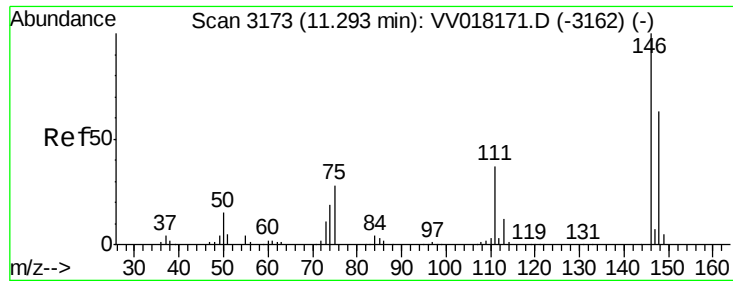
Ion Ratio Lower Upper

146 100

111 40.5 27.6 51.2

148 64.8 45.4 84.2





#63

1,4-Dichlorobenzene

Concen: 2.748 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleID :

MDL01

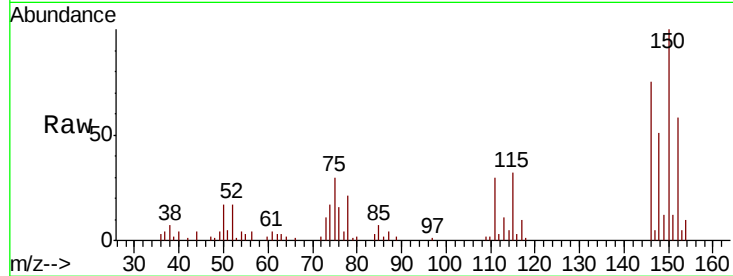
Tot Ion:146 Resp: 13107

Ion Ratio Lower Upper

146 100

111 39.9 27.1 50.3

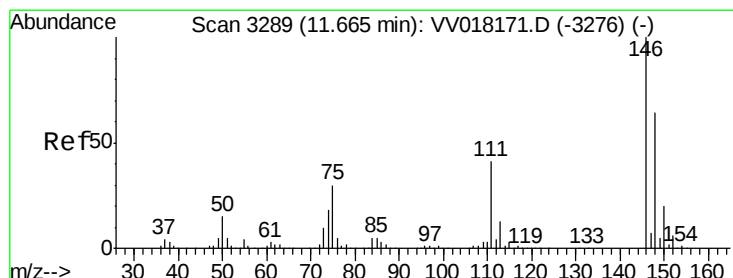
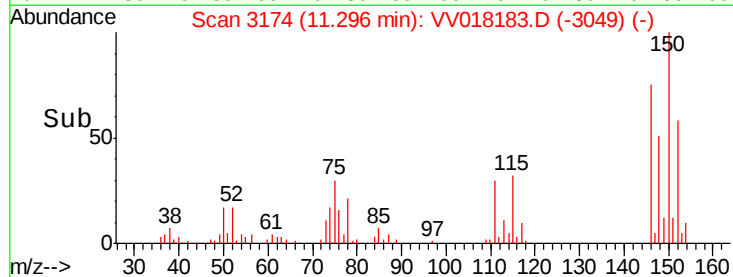
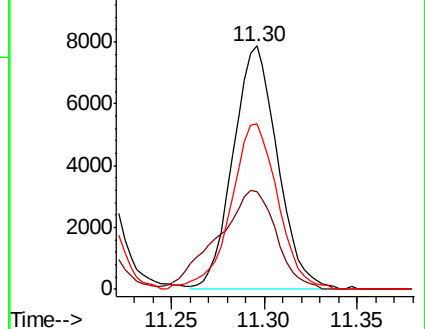
148 67.8 45.4 84.2



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



#65

1,2-Dichlorobenzene

Concen: 2.823 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

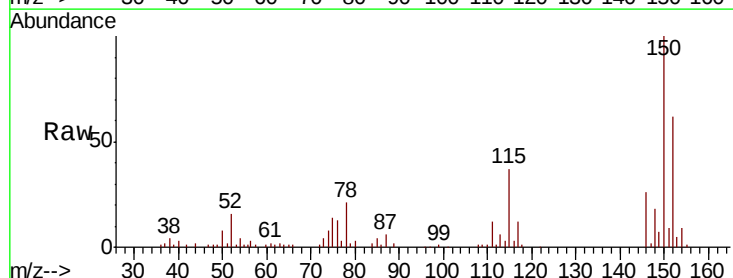
Tgt Ion:146 Resp: 13239

Ion Ratio Lower Upper

146 100

111 47.1 32.8 49.2

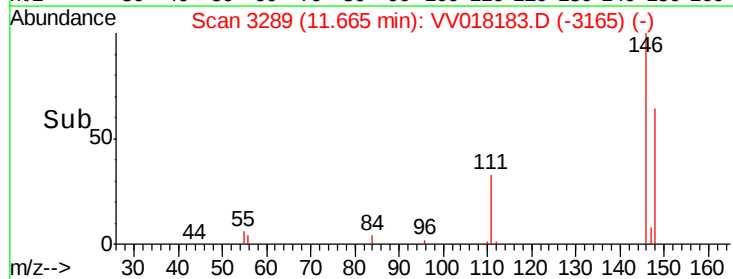
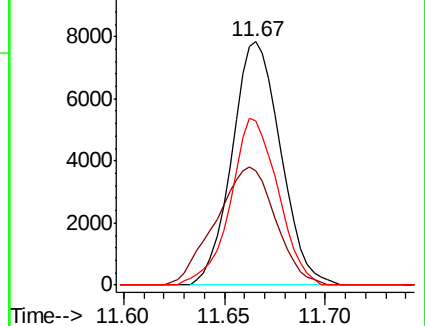
148 67.6 50.7 76.1

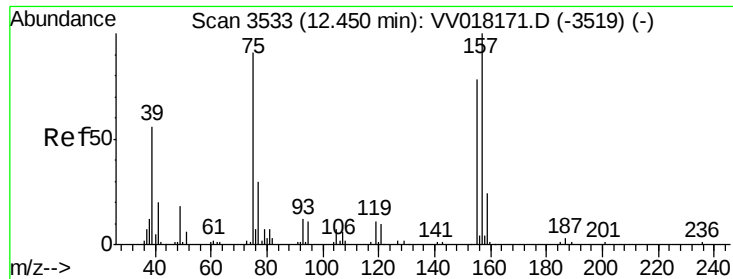


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

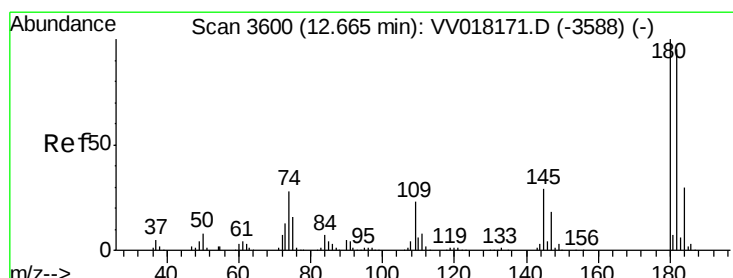
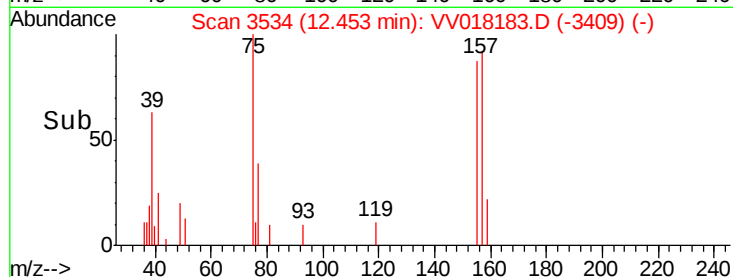
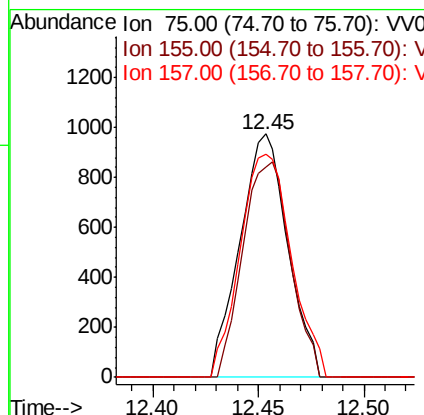
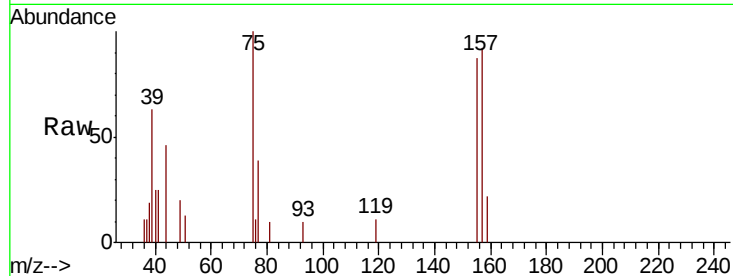




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.320 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

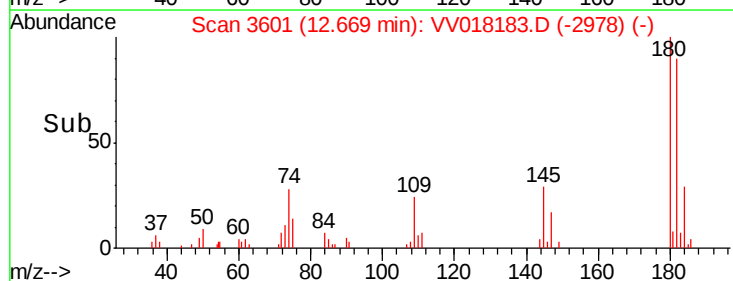
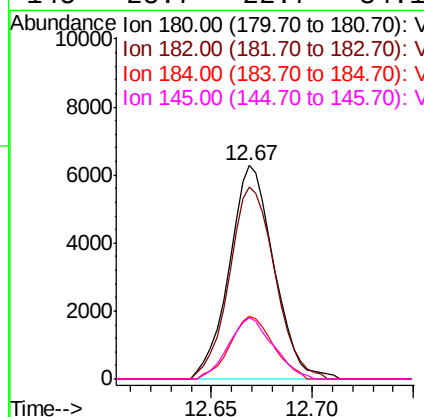
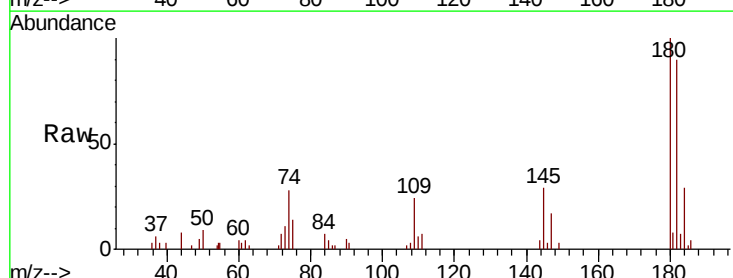
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

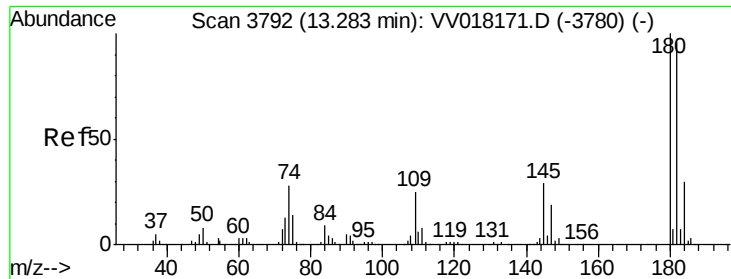
Tot Ion: 75 Resp: 1535
 Ion Ratio Lower Upper
 75 100
 155 86.6 69.7 104.5
 157 91.8 88.2 132.4



#67
 1,3,5-Trichlorobenzene
 Concen: 2.655 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Tgt Ion: 180 Resp: 9710
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.8 115.2
 184 28.5 24.6 36.8
 145 28.7 22.7 34.1





#68

1,2,4-trichlorobenzene

Concen: 2.430 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

MDL01

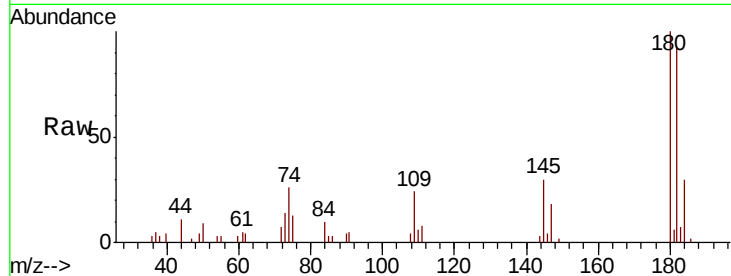
Tot Ion:180 Resp: 7915

Ion Ratio Lower Upper

180 100

182 97.4 77.4 116.2

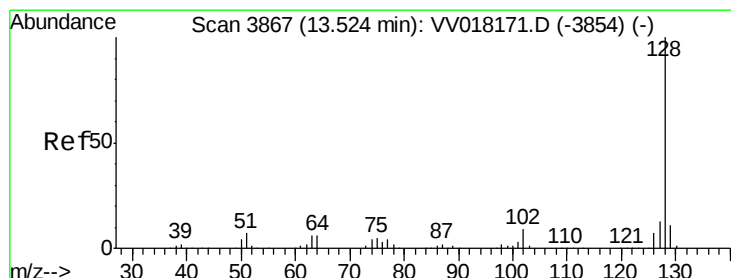
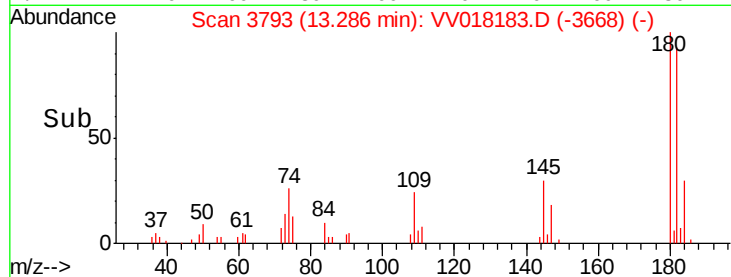
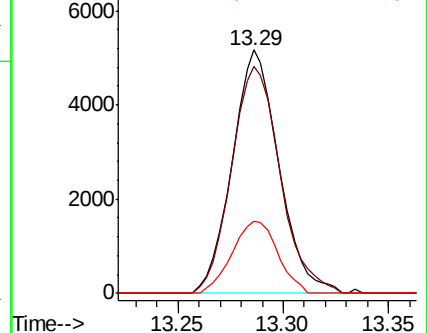
145 29.0 23.2 34.8



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: 1.947 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV018183.D

Acq: 10 Sep 2020 16:42

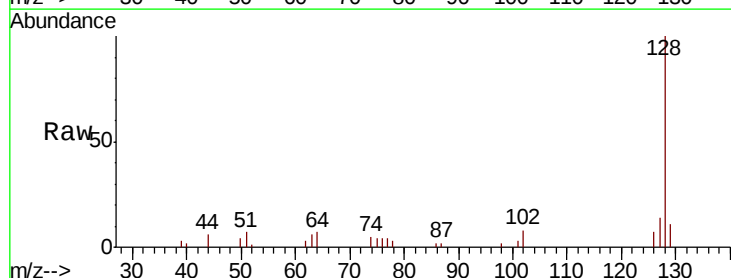
Tgt Ion:128 Resp: 16048

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

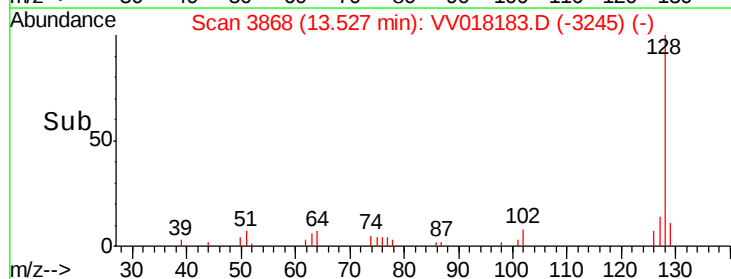
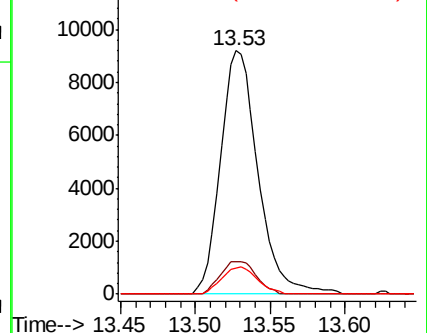
129 10.5 8.6 13.0

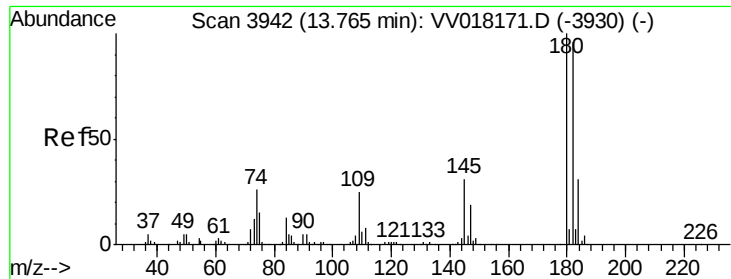


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.353 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018183.D
 Acq: 10 Sep 2020 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
145	31.7	24.9	37.3

