

Data File : VV015940.D
Acq On : 07 May 2020 14:46
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Quant Time: May 08 05:13:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142334	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39360	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	36741	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	63881	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.97	46	115575	51.63	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.38	84	84157	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	51454	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	174207	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.10	67	55375	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.34	98	159950	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	7.65	79	20134	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
48) 2-Hexanone-d5	8.12	63	89892	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37809	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60351	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	2797	0.252 ug/L	100
3) Chloromethane	1.24	50	3196	0.285 ug/L	94
5) Vinyl chloride	1.32	62	2897	0.270 ug/L #	61
6) Bromomethane	1.53	94	1814	0.298 ug/L	98
8) Chloroethane	1.60	64	2634	0.345 ug/L	84
9) Trichlorofluoromethane	1.76	101	3706	0.252 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2794	0.336 ug/L #	86
12) 1,1-Dichloroethene	2.13	96	2678	0.336 ug/L #	1
14) Carbon disulfide	2.31	76	6715	0.256 ug/L #	90
16) Methylene chloride	2.52	84	3166	0.332 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	5221	0.252 ug/L #	86
18) trans-1,2-Dichloroethene	2.78	96	2333	0.265 ug/L	93
19) 1,1-Dichloroethane	3.22	63	4677	0.276 ug/L	93
21) 2-Butanone	4.06	43	2357	1.048 ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	2431	0.264 ug/L	99
23) Bromochloromethane	4.28	128	880	0.224 ug/L	91
25) Chloroform	4.40	83	12593	0.675 ug/L	97

Data File : VV015940.D
Acq On : 07 May 2020 14:46
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Quant Time: May 08 05:13:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

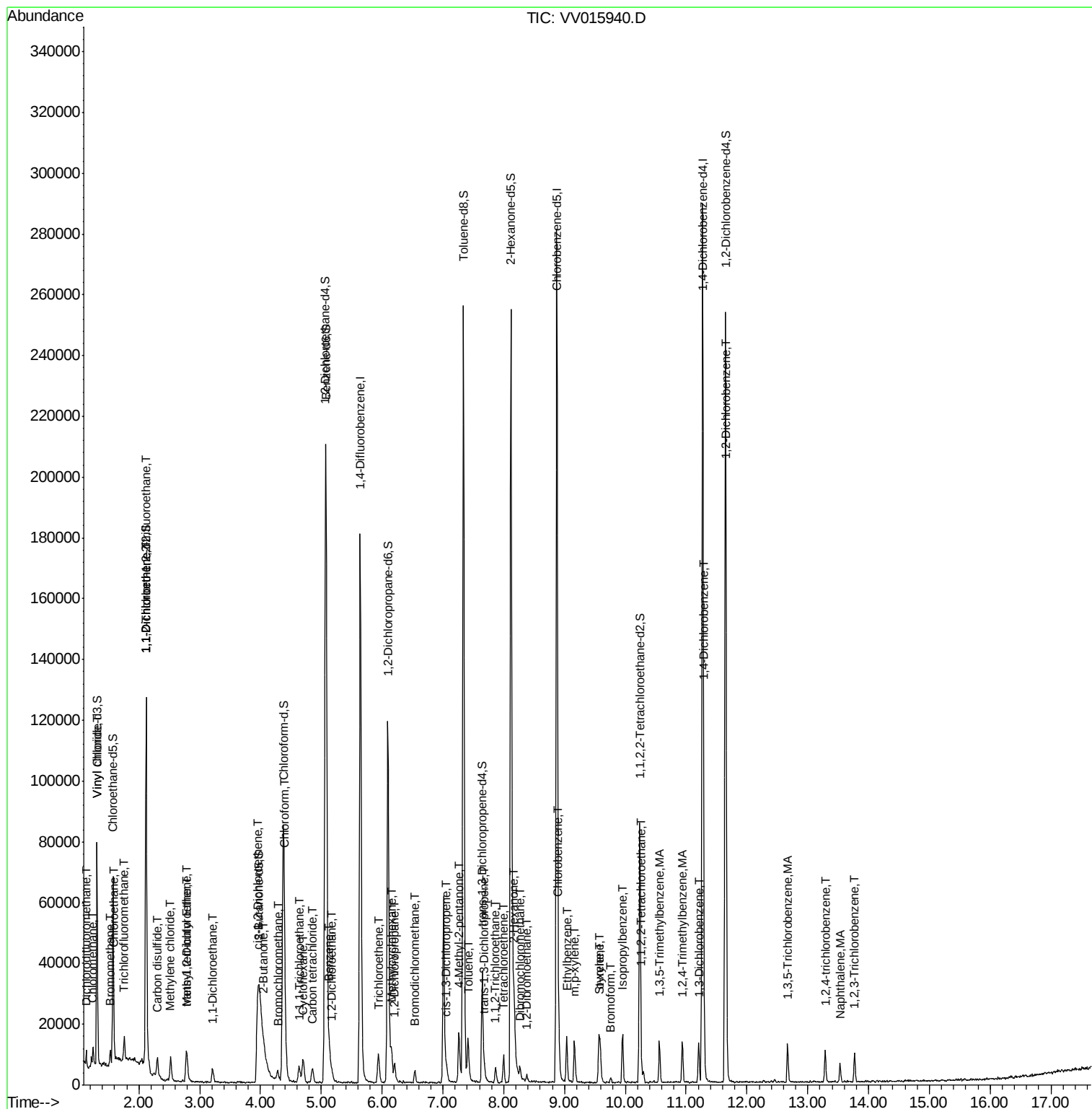
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.17	62	3352	0.292	ug/L #	93
29) 1,1,1-Trichloroethane	4.63	97	3811	0.243	ug/L	95
30) Cyclohexane	4.70	56	3830	0.243	ug/L	92
31) Carbon tetrachloride	4.85	117	3305	0.244	ug/L	99
33) Benzene	5.13	78	9720	0.271	ug/L	100
34) Trichloroethene	5.95	95	2608	0.255	ug/L	95
35) Methylcyclohexane	6.16	83	4196	0.271	ug/L	92
37) 1,2-Dichloropropane	6.21	63	2608	0.287	ug/L #	97
38) Bromodichloromethane	6.54	83	2793	0.242	ug/L #	91
39) cis-1,3-Dichloropropene	7.06	75	3294	0.256	ug/L	91
40) 4-Methyl-2-pentanone	7.26	43	12931	2.280	ug/L #	89
42) Toluene	7.41	91	9523	0.251	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	7105	0.204	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	7062	0.203	ug/L #	100
46) trans-1,3-Dichloropropene	7.69	75	2739	0.252	ug/L	90
47) 1,1,2-Trichloroethane	7.87	97	1560	0.257	ug/L	91
49) Tetrachloroethene	8.00	164	1794	0.252	ug/L	96
50) 2-Hexanone	8.17	43	16316	4.069	ug/L	95
51) Dibromochloromethane	8.27	129	1637	0.240	ug/L	99
52) 1,2-Dibromoethane	8.38	107	1496	0.265	ug/L #	93
53) Chlorobenzene	8.91	112	6374	0.261	ug/L	91
54) Ethylbenzene	9.04	91	10515	0.244	ug/L	100
55) m,p-xylene	9.16	106	3703	0.232	ug/L	94
56) o-xylene	9.57	106	3573	0.234	ug/L	91
57) Styrene	9.59	104	5496	0.215	ug/L	99
58) Isopropylbenzene	9.96	105	9515	0.227	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	1868	0.288	ug/L #	88
62) Bromoform	9.75	173	656	0.213	ug/L #	91
63) 1,3-Dichlorobenzene	11.21	146	4758	0.264	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	5170	0.286	ug/L	95
66) 1,2-Dichlorobenzene	11.67	146	4860	0.298	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	3802	0.289	ug/L	93
69) 1,2,4-trichlorobenzene	13.29	180	2991	0.264	ug/L	93
70) Naphthalene	13.53	128	4825	0.268	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2538	0.254	ug/L #	94

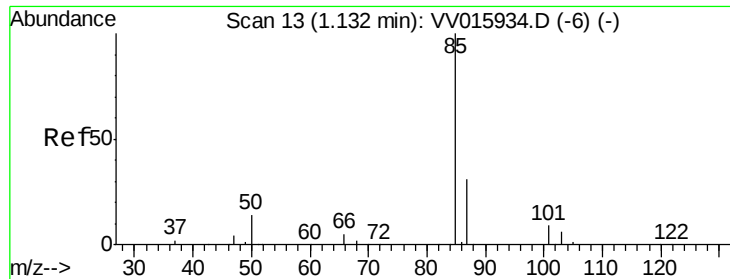
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV015940.D
Acq On : 07 May 2020 14:46
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Quant Time: May 08 05:13:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.252 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

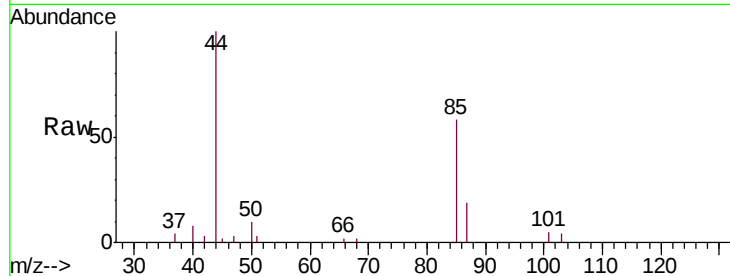
MDL02

Tgt Ion: 85 Resp: 2797

Ion Ratio Lower Upper

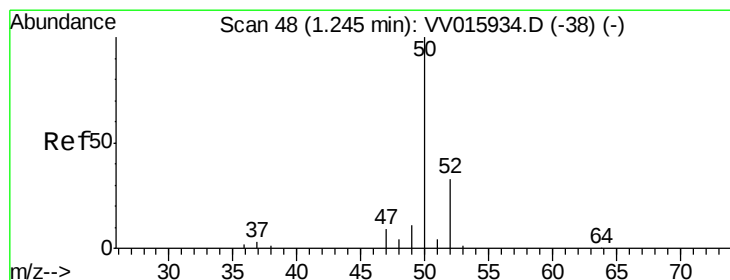
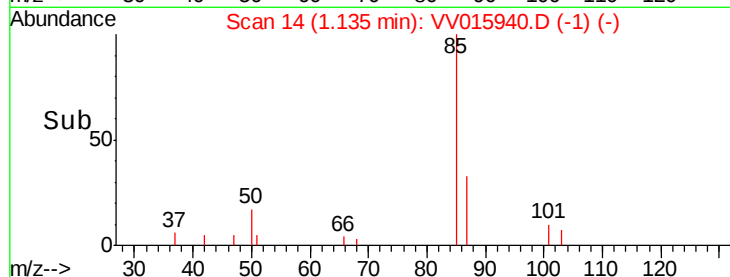
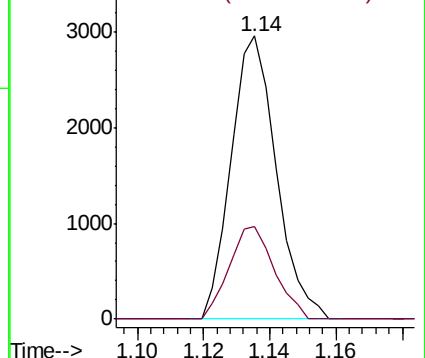
85 100

87 32.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015940.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015940.D (-6) (-)



#3

Chloromethane

Concen: 0.285 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015940.D

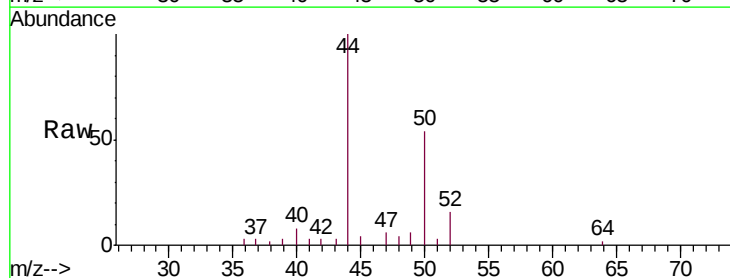
Acq: 07 May 2020 14:46

Tgt Ion: 50 Resp: 3196

Ion Ratio Lower Upper

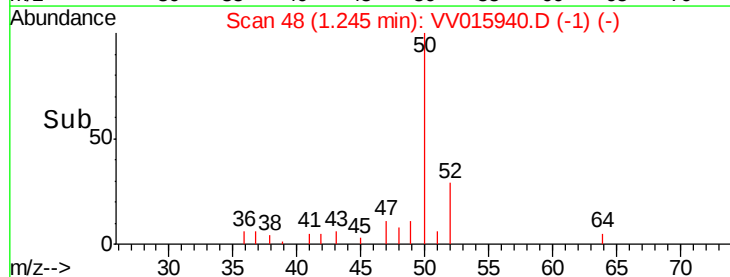
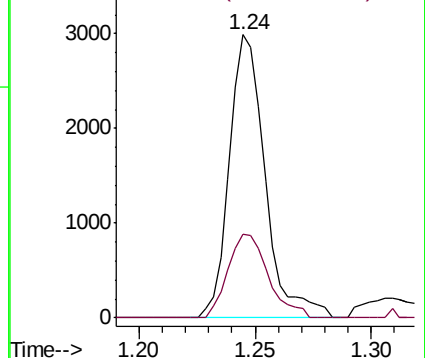
50 100

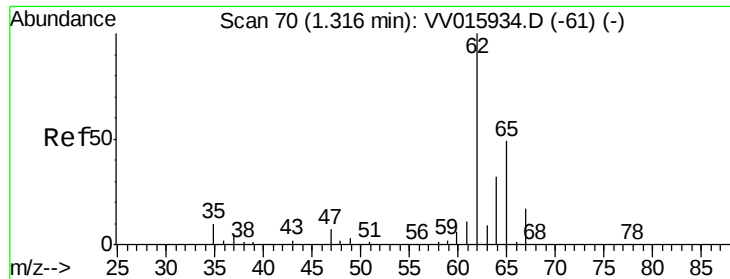
52 29.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV015940.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV015940.D (-38) (-)





#5

Vinyl chloride

Concen: 0.270 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

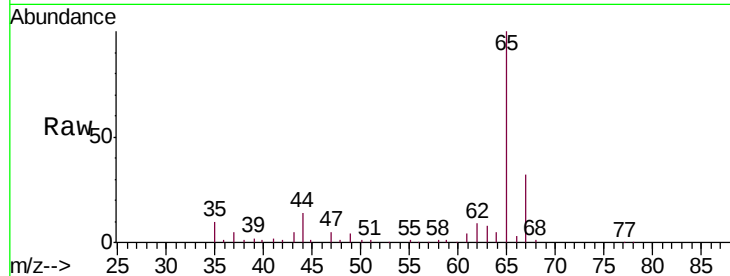
MDL02

Tgt Ion: 62 Resp: 2897

Ion Ratio Lower Upper

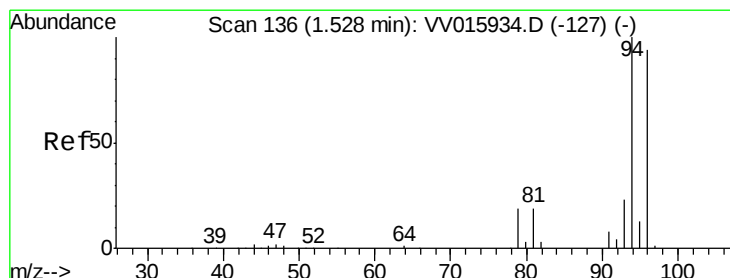
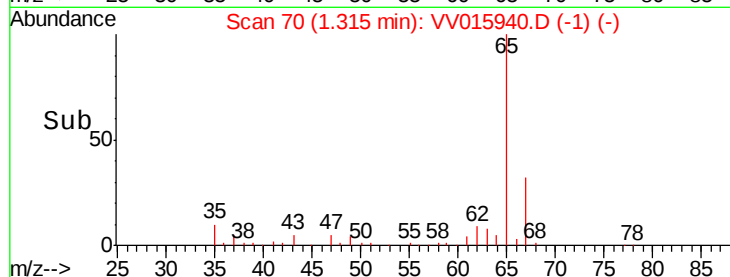
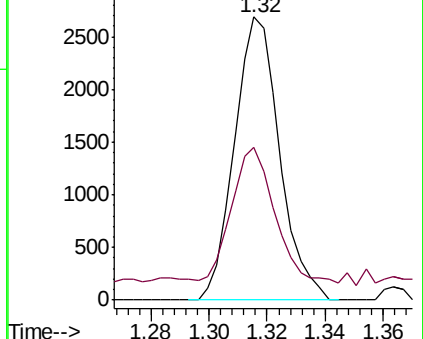
62 100

64 53.8 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 0.298 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015940.D

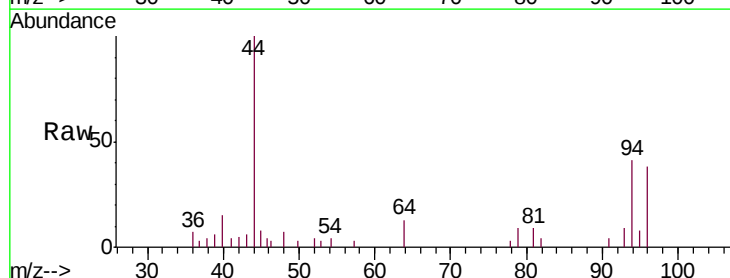
Acq: 07 May 2020 14:46

Tgt Ion: 94 Resp: 1814

Ion Ratio Lower Upper

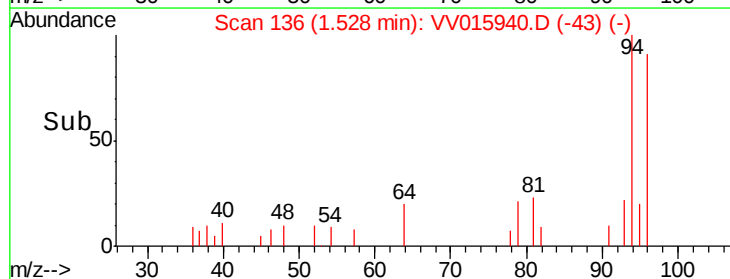
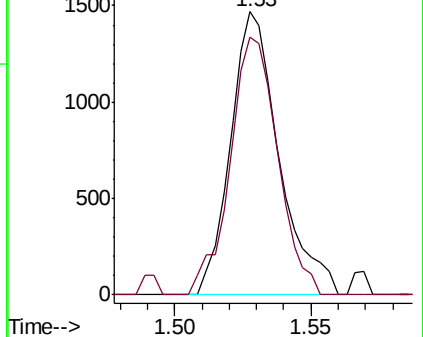
94 100

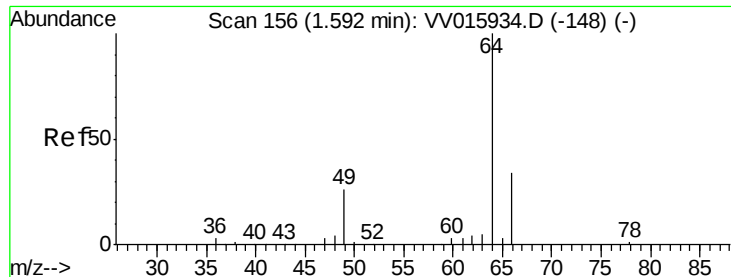
96 91.1 65.4 121.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.345 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

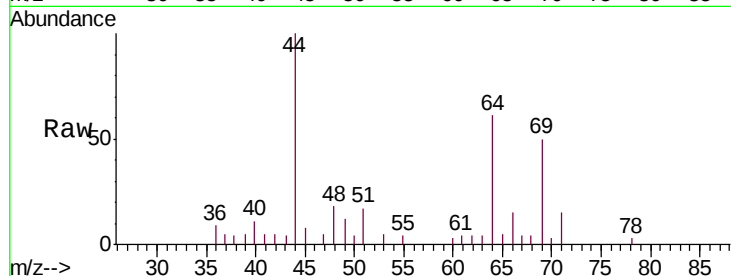
MDL02

Tgt Ion: 64 Resp: 2634

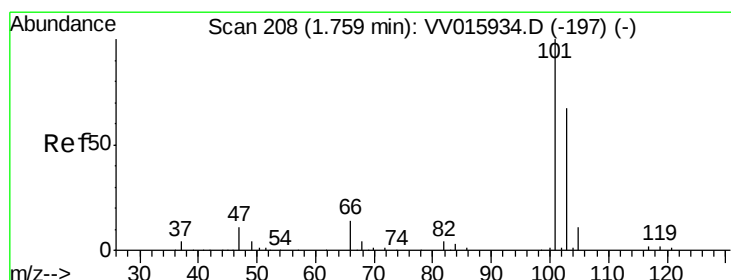
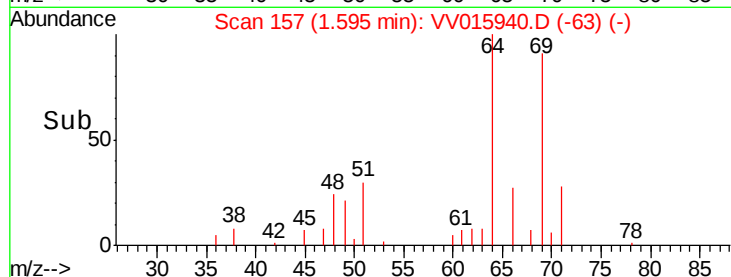
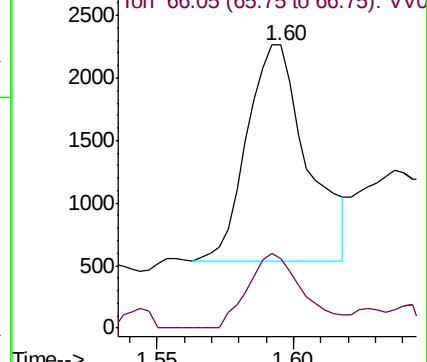
Ion Ratio Lower Upper

64 100

66 24.7 23.6 43.8



Abundance Ion 64.10 (63.80 to 64.80): VV015940.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 0.252 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

Lab File: VV015940.D

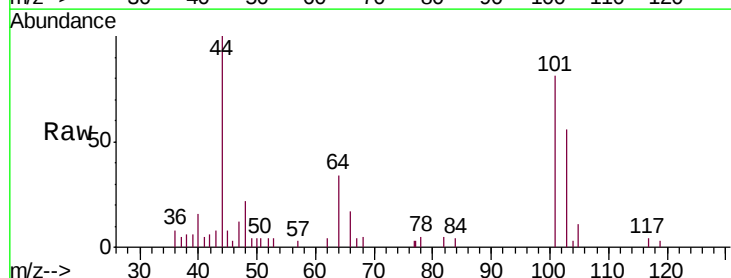
Acq: 07 May 2020 14:46

Tgt Ion: 101 Resp: 3706

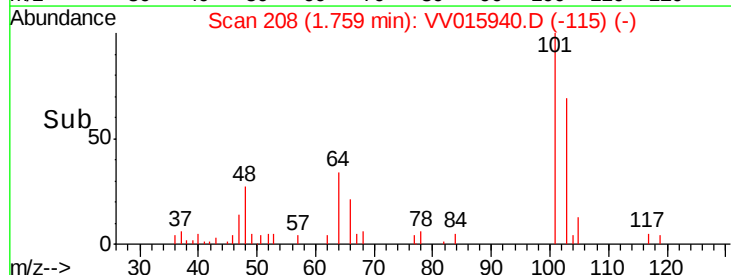
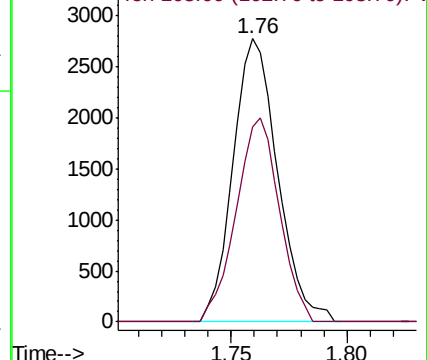
Ion Ratio Lower Upper

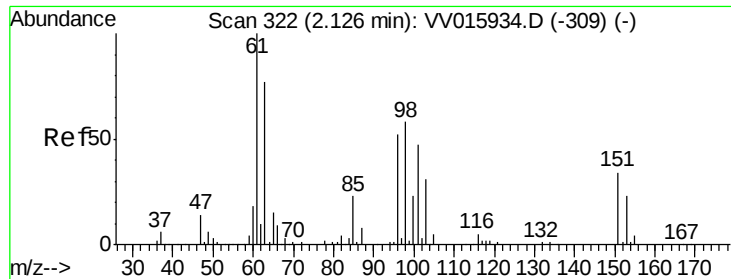
101 100

103 69.9 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015940.D (-197) (-)





#10

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

Concen: 0.336 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL02

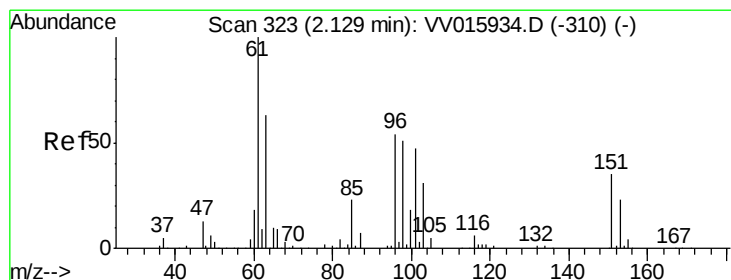
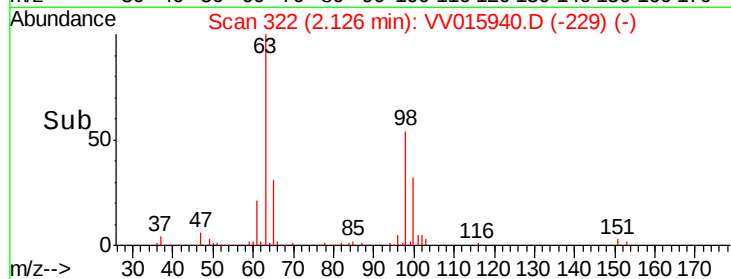
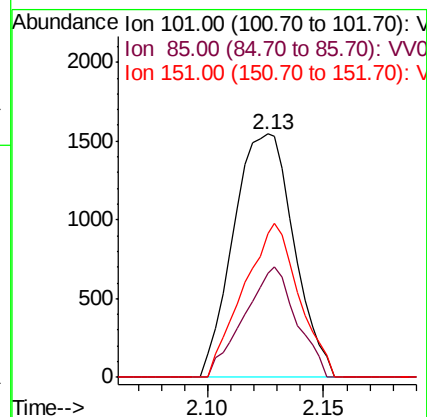
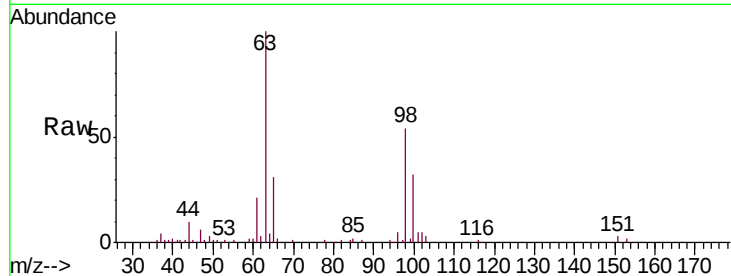
Tgt Ion:101 Resp: 2794

Ion Ratio Lower Upper

101 100

85 39.1 35.7 53.5

151 57.9 58.0 87.0#



#12

1,1-Dichloroethene

Concen: 0.336 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

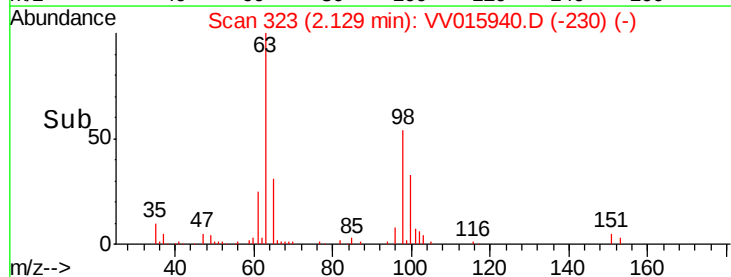
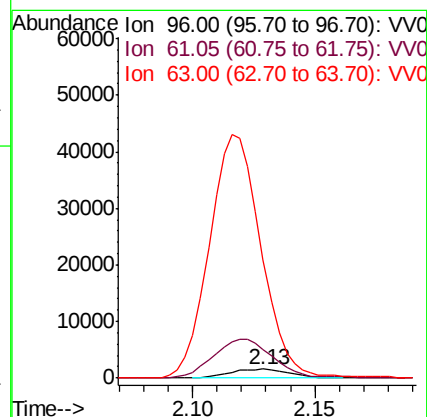
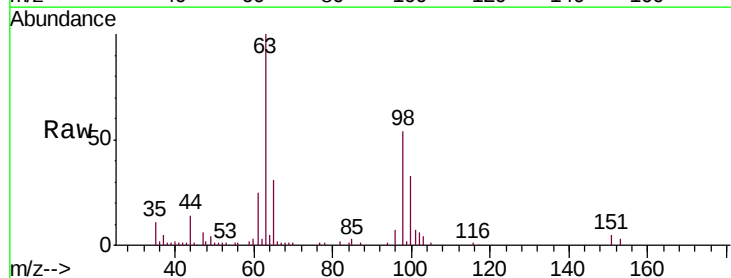
Tgt Ion: 96 Resp: 2678

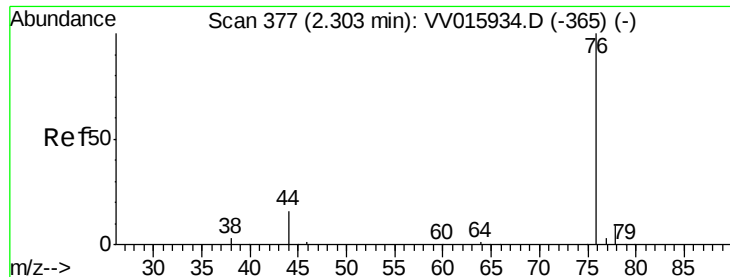
Ion Ratio Lower Upper

96 100

61 328.4 139.9 259.7#

63 1335.6 106.4 197.6#





#14

Carbon disulfide

Concen: 0.256 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

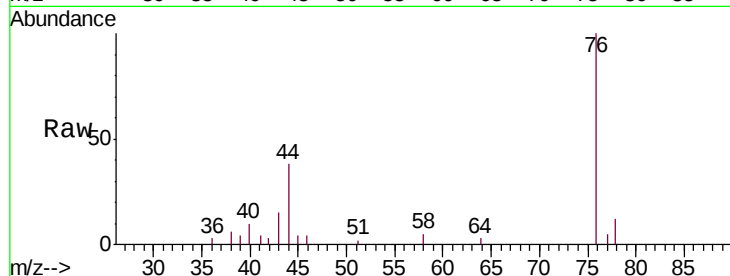
MDL02

Tgt Ion: 76 Resp: 6715

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VV015934.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015934.D (-365) (-)

2.31

4000

3000

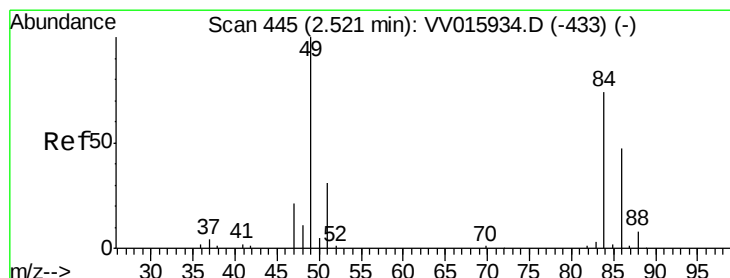
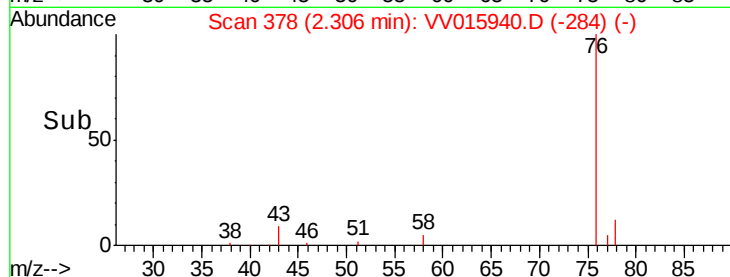
2000

1000

0

Time-->

2.25 2.30 2.35



#16

Methylene chloride

Concen: 0.332 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

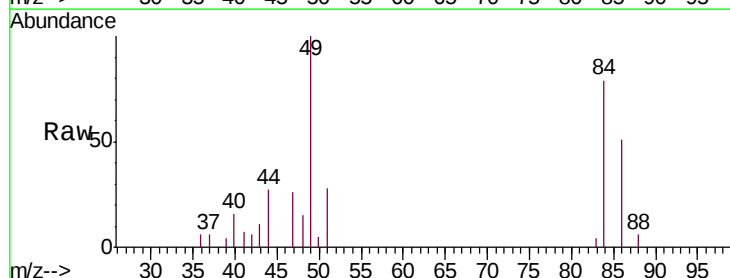
Tgt Ion: 84 Resp: 3166

Ion Ratio Lower Upper

84 100

86 64.7 45.6 84.8

49 126.8 93.6 173.8



Abundance Ion 84.05 (83.75 to 84.75): VV015934.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV015934.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV015934.D (-433) (-)

2.52

3000

2500

2000

1500

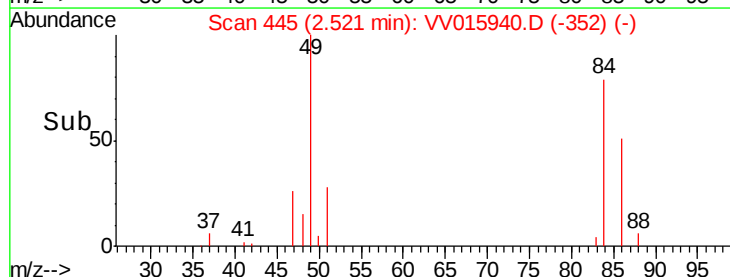
1000

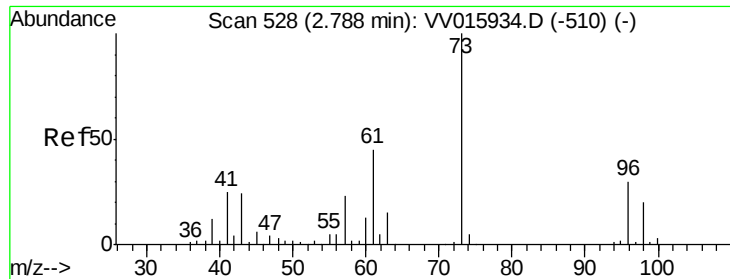
500

0

Time-->

2.50 2.55 2.60

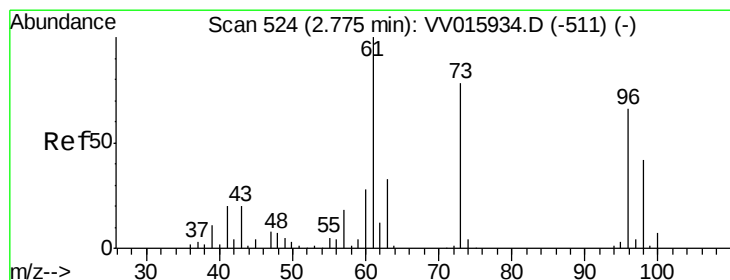
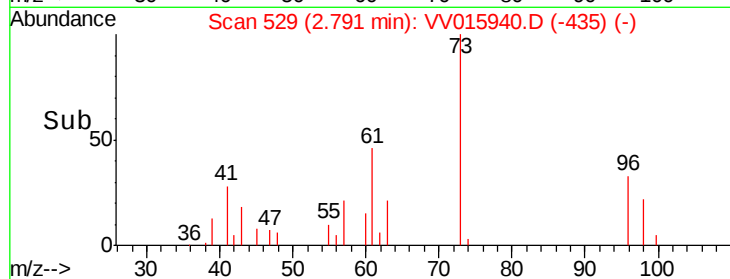
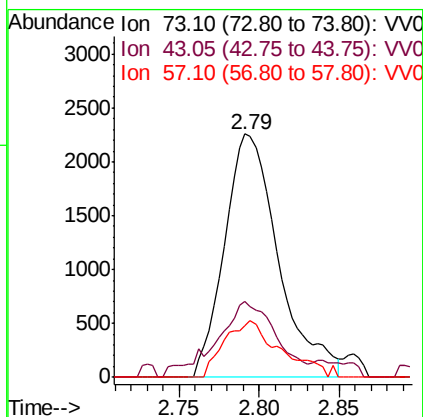
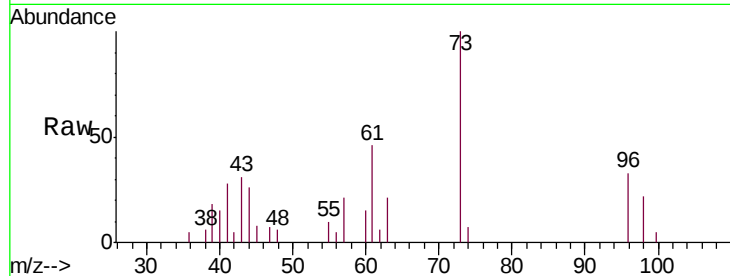




#17
Methyl tert-butyl Ether
Concen: 0.252 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

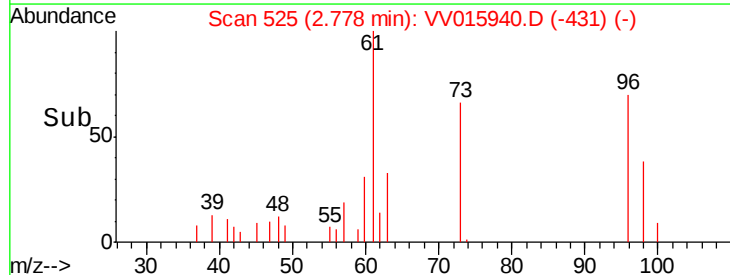
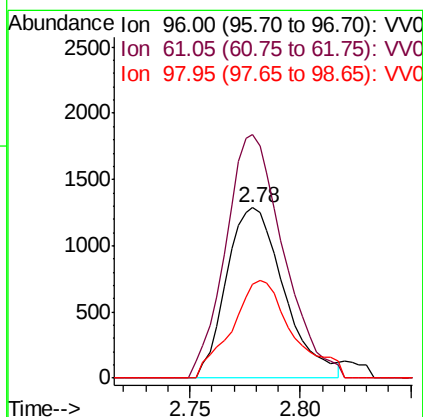
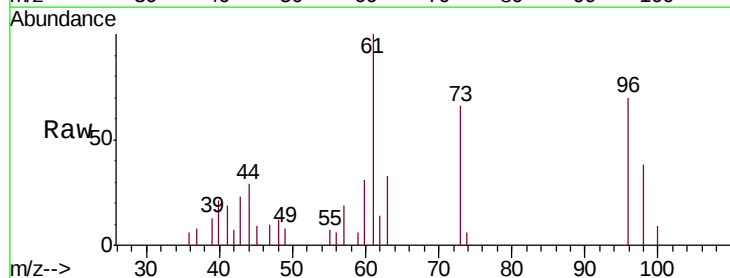
Instrument :
MSVOA_V
ClientSampleId :
MDL02

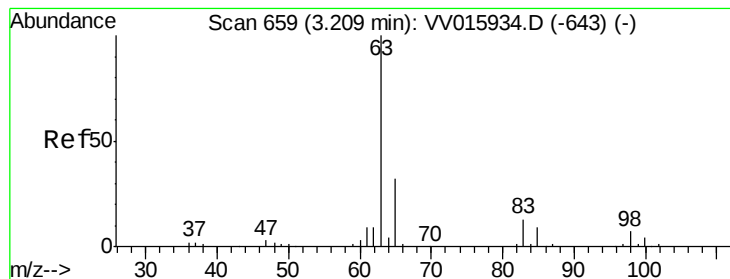
Tgt Ion: 73 Resp: 5221
Ion Ratio Lower Upper
73 100
43 34.6 18.8 28.2#
57 24.3 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 96 Resp: 2333
Ion Ratio Lower Upper
96 100
61 142.8 105.3 195.5
98 54.7 44.0 81.6





#19

1,1-Dichloroethane

Concen: 0.276 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL02

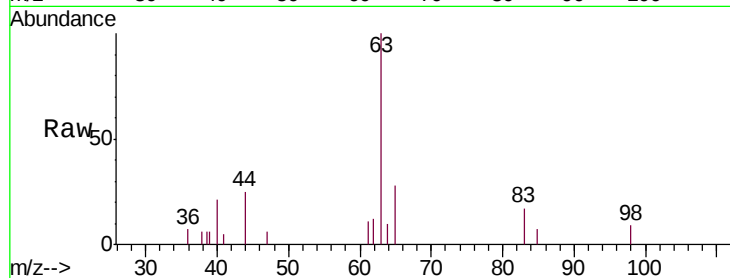
Tgt Ion: 63 Resp: 4677

Ion Ratio Lower Upper

63 100

65 27.7 22.0 41.0

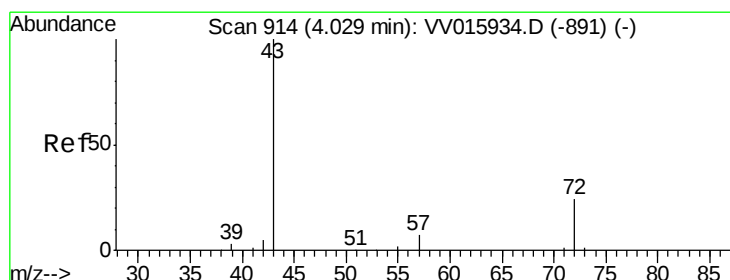
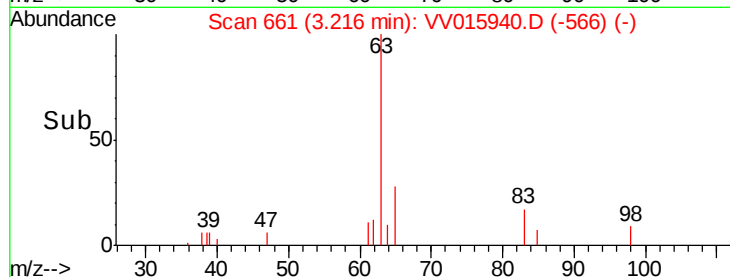
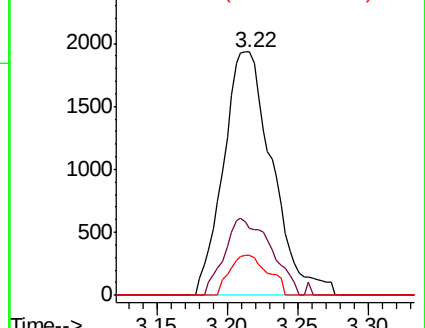
83 16.6 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VV015940.D (-643) (-)

Ion 65.10 (64.80 to 65.80): VV015940.D (-643) (-)

Ion 83.05 (82.75 to 83.75): VV015940.D (-643) (-)



#21

2-Butanone

Concen: 1.048 ug/L

RT: 4.06 min Scan# 923

Delta R.T. 0.03 min

Lab File: VV015940.D

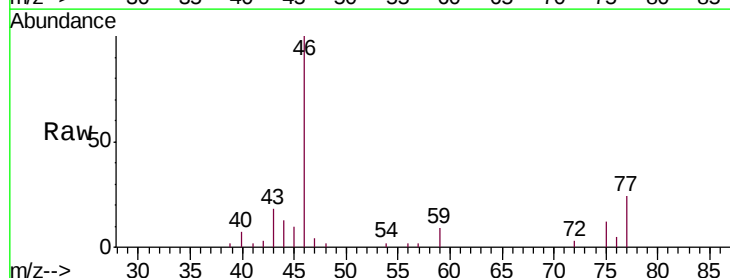
Acq: 07 May 2020 14:46

Tgt Ion: 43 Resp: 2357

Ion Ratio Lower Upper

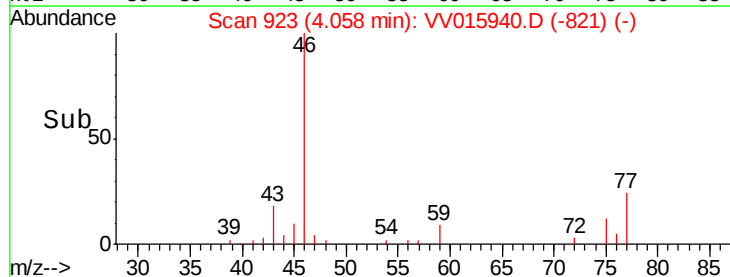
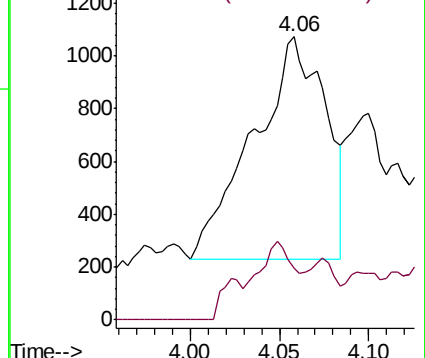
43 100

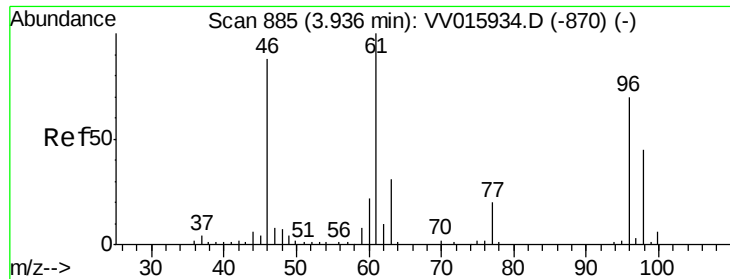
72 17.6 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV015940.D (-821) (-)

Ion 72.00 (71.70 to 72.70): VV015940.D (-821) (-)



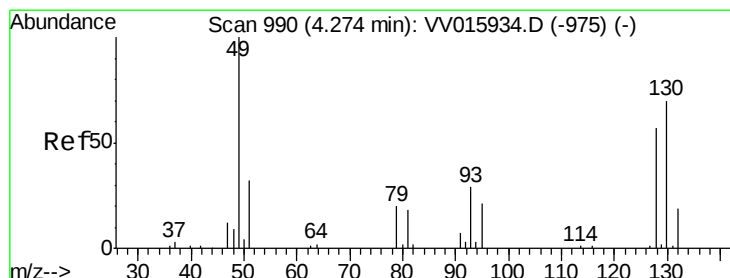
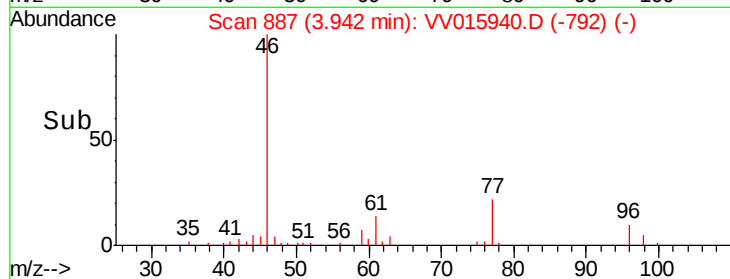
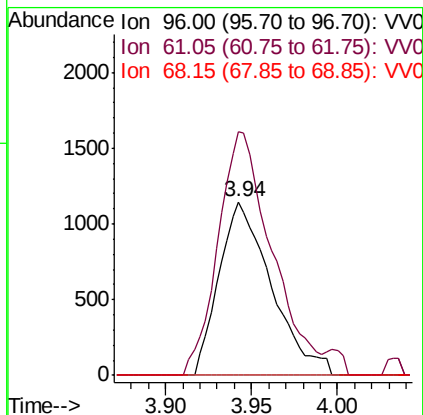
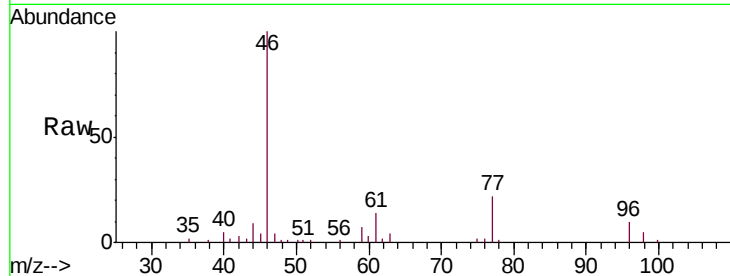


#22

cis-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampleId :
MDL02

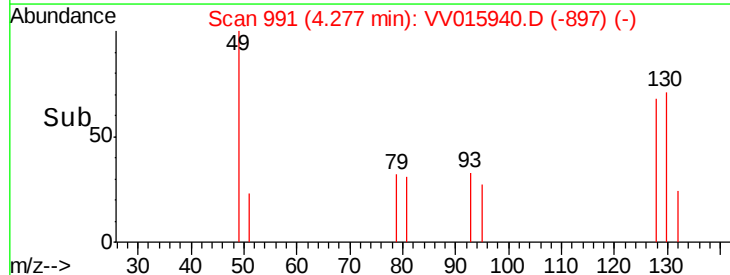
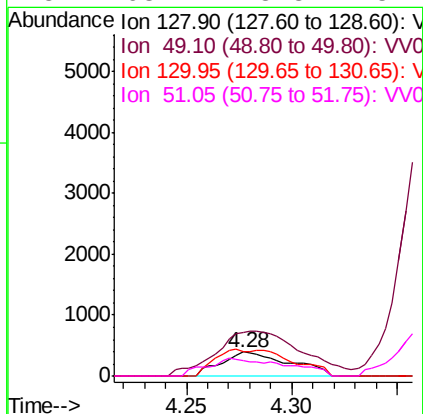
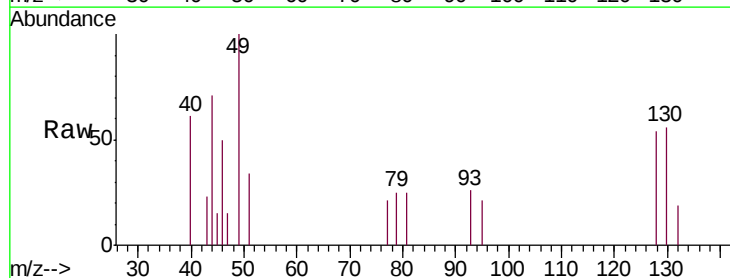
Tgt Ion: 96 Resp: 2431
Ion Ratio Lower Upper
96 100
61 140.6 97.2 180.6
68 0.0 0.0 0.0

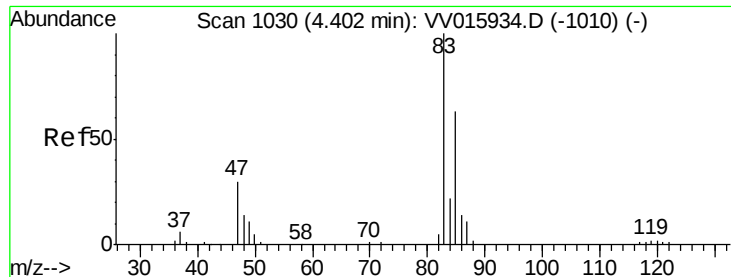


#23

Bromochloromethane
Concen: 0.224 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 128 Resp: 880
Ion Ratio Lower Upper
128 100
49 184.9 131.3 243.8
130 104.1 91.8 170.4
51 63.4 48.8 73.2

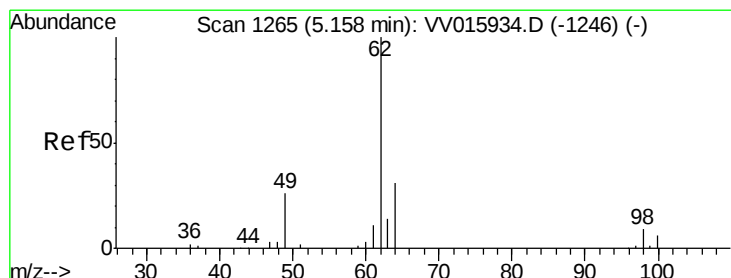
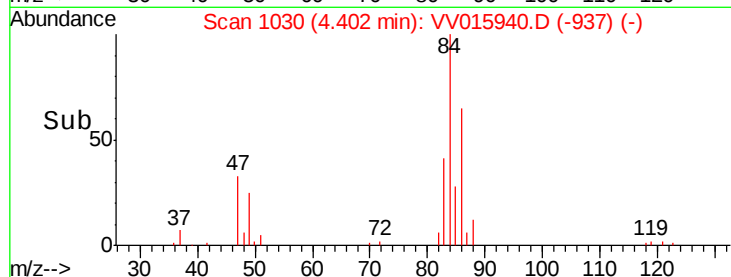
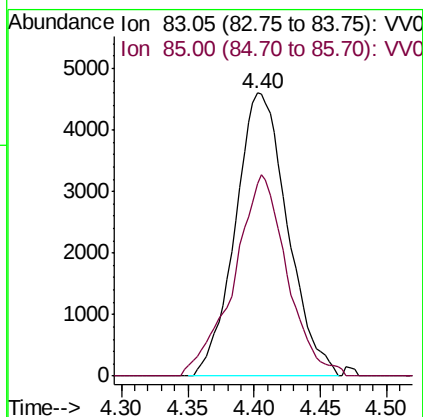
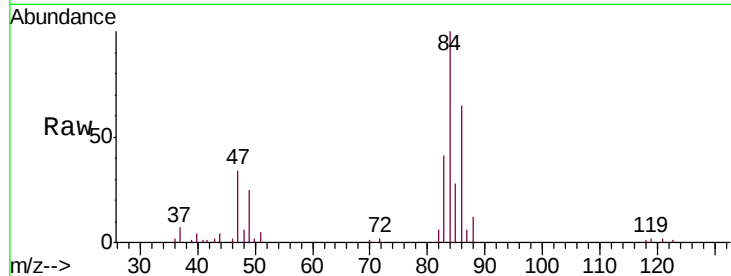




#25
Chloroform
Concen: 0.675 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

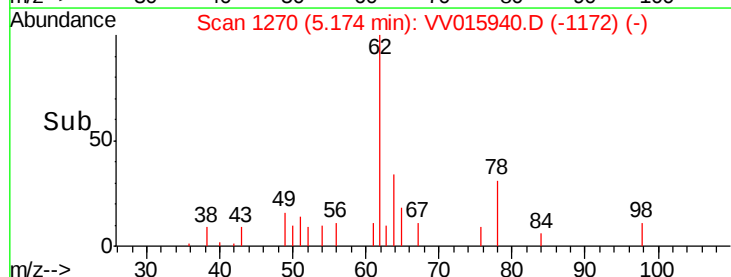
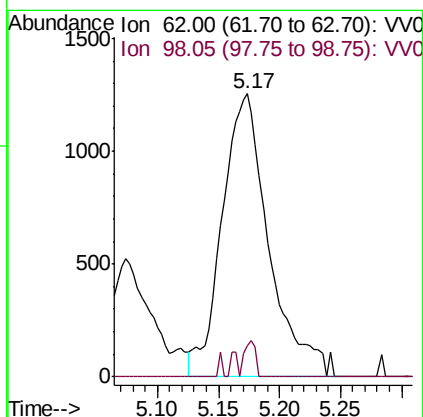
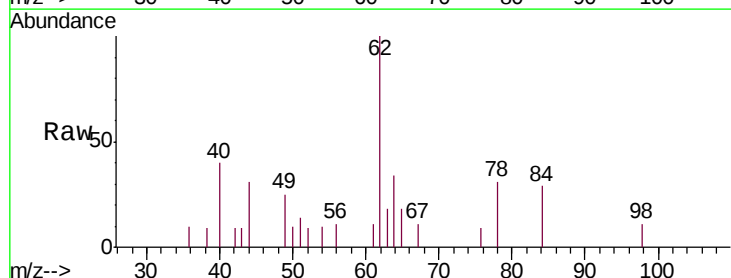
Instrument :
MSVOA_V
ClientSampleId :
MDL02

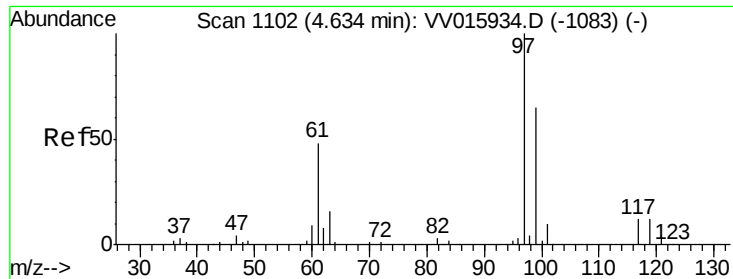
Tgt Ion: 83 Resp: 12593
Ion Ratio Lower Upper
83 100
85 68.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.292 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. 0.02 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 62 Resp: 3352
Ion Ratio Lower Upper
62 100
98 10.9 6.7 10.1#

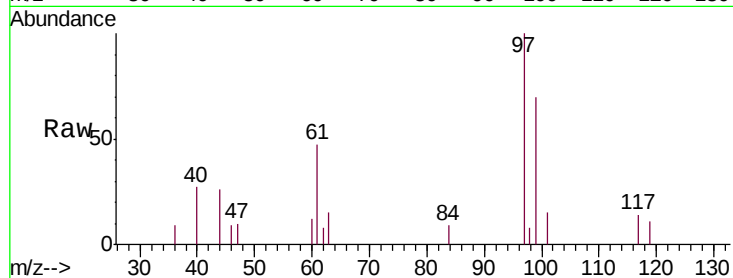




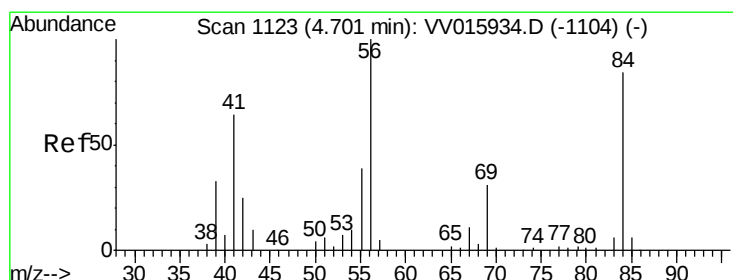
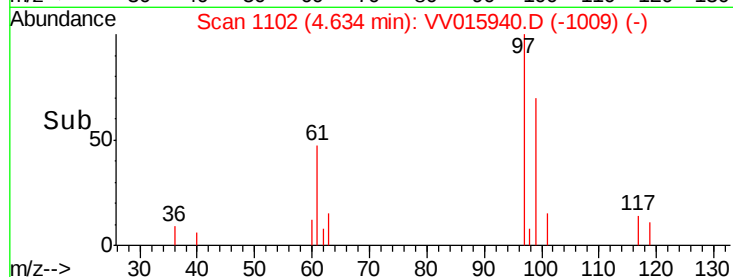
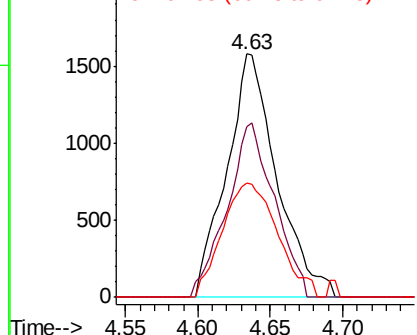
#29
1,1,1-Trichloroethane
Concen: 0.243 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 3811
Ion Ratio Lower Upper
97 100
99 67.3 50.7 76.1
61 51.7 38.8 58.2

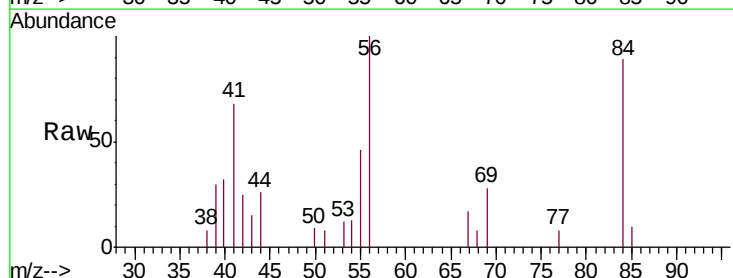


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

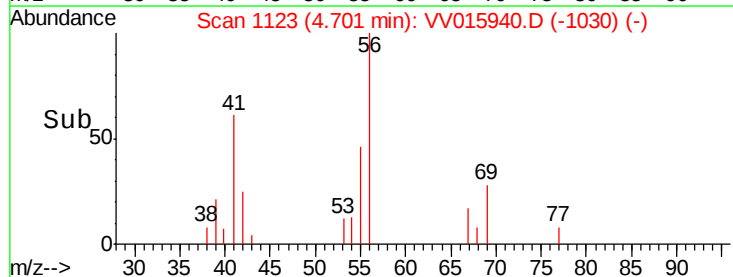
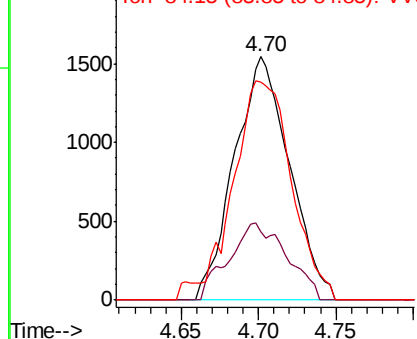


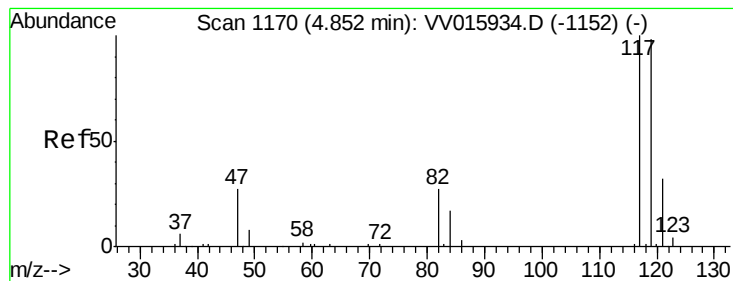
#30
Cyclohexane
Concen: 0.243 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 33.3 24.2 36.2
84 93.4 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 0.244 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

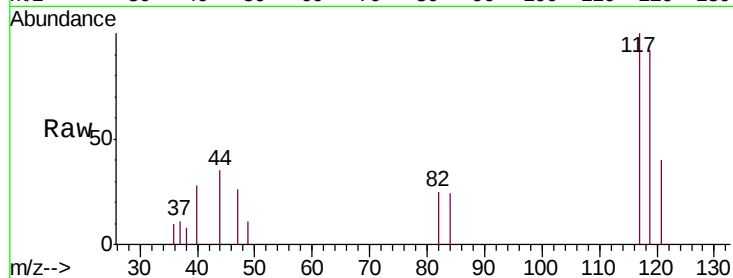
MDL02

Tgt Ion:117 Resp: 3305

Ion Ratio Lower Upper

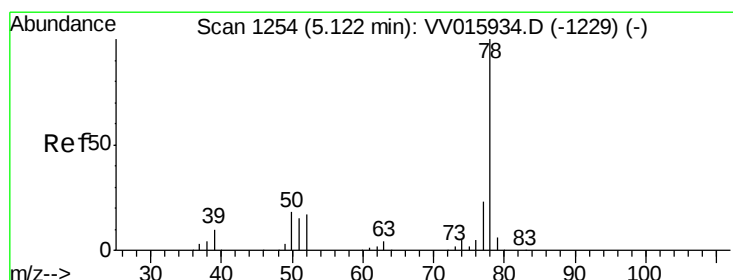
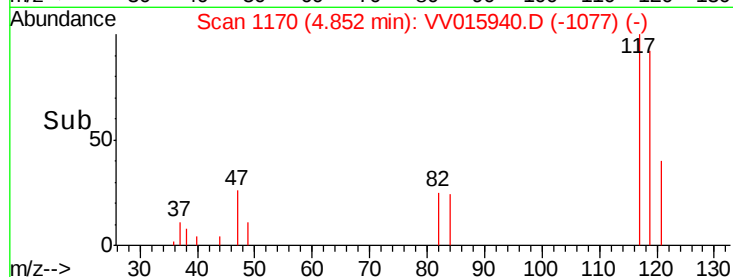
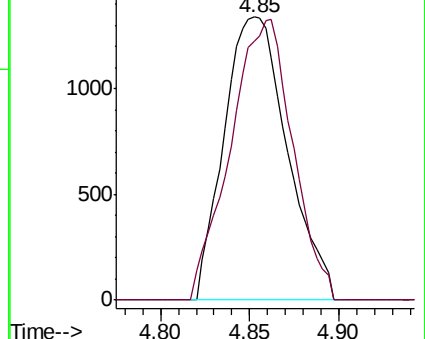
117 100

119 97.6 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.271 ug/L

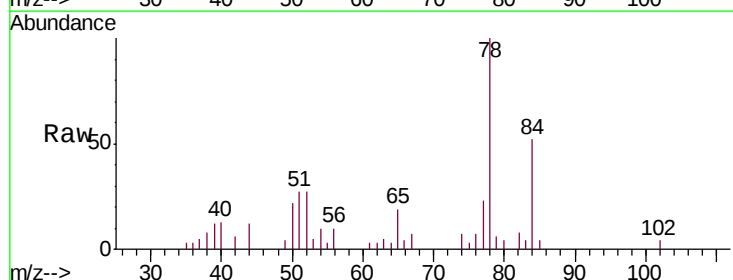
RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

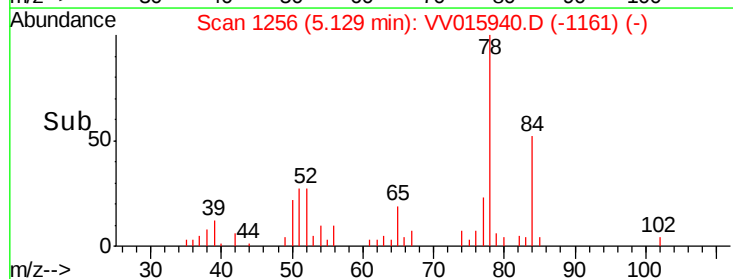
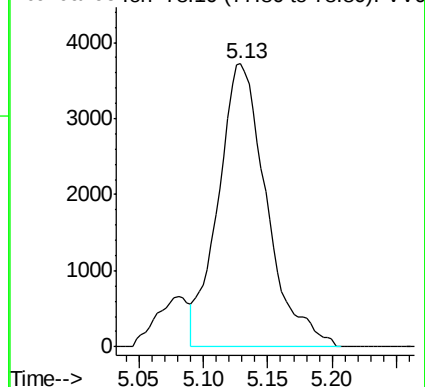
Lab File: VV015940.D

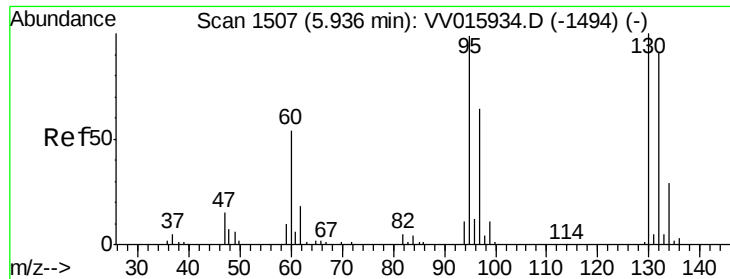
Acq: 07 May 2020 14:46

Tgt Ion: 78 Resp: 9720



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 0.255 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 95 Resp: 2608

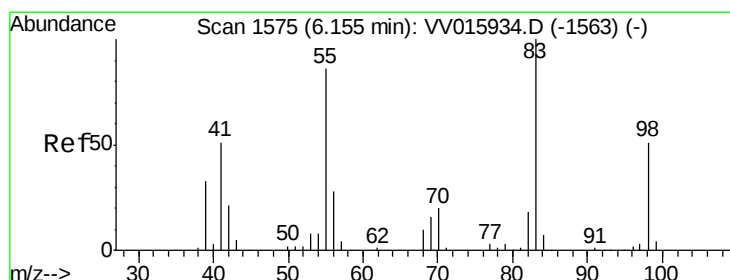
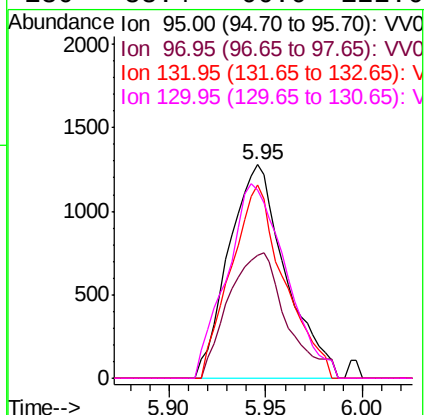
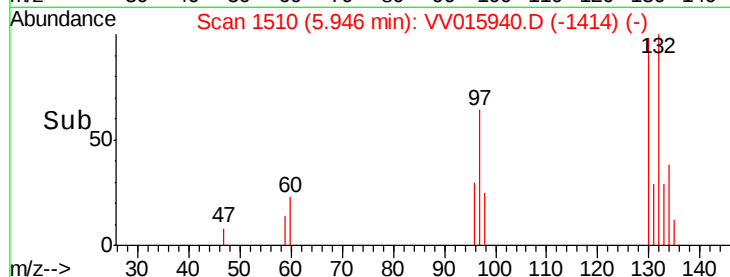
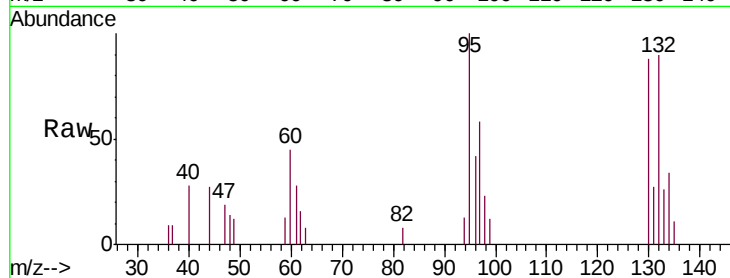
Ion Ratio Lower Upper

95 100

97 57.6 43.3 80.5

132 90.5 60.3 112.1

130 88.4 66.0 122.6



#35

Methylcyclohexane

Concen: 0.271 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

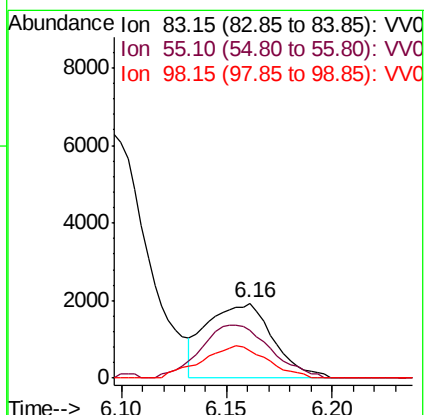
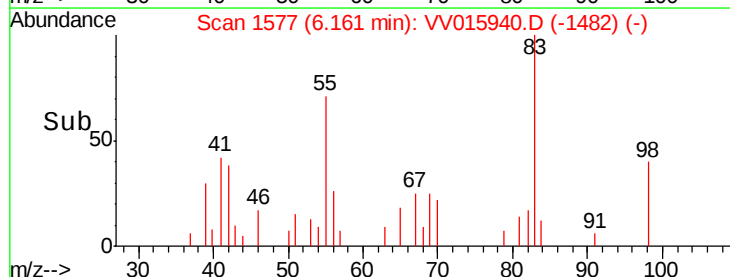
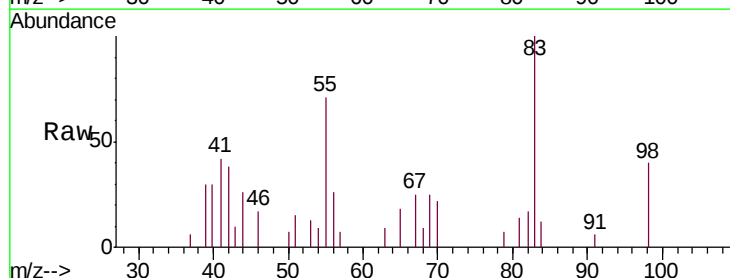
Tgt Ion: 83 Resp: 4196

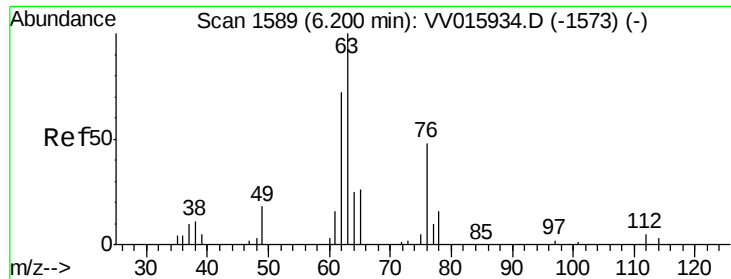
Ion Ratio Lower Upper

83 100

55 74.7 66.2 99.2

98 42.2 37.9 56.9

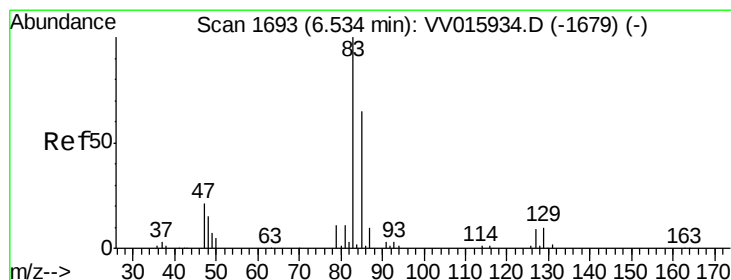
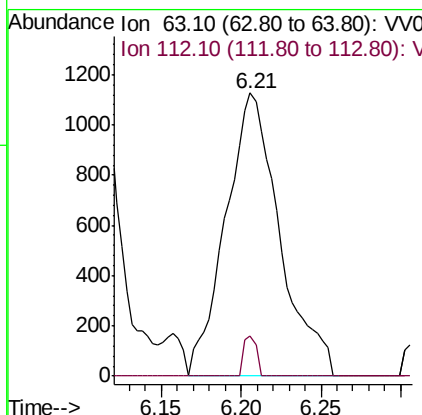
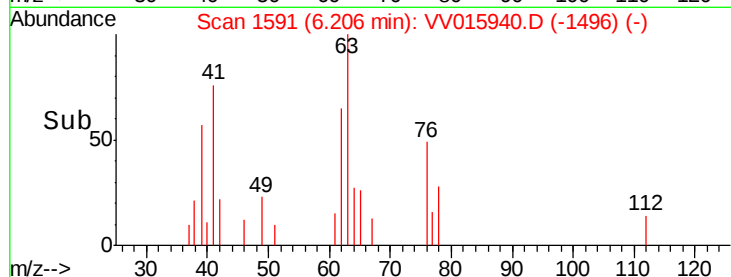
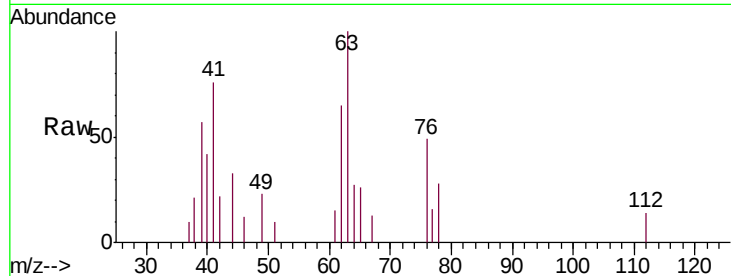




#37
 1,2-Dichloropropane
 Concen: 0.287 ug/L
 RT: 6.21 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

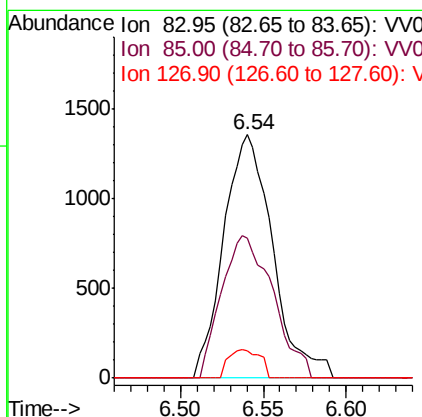
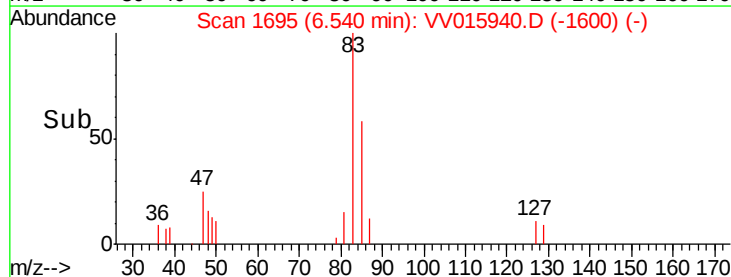
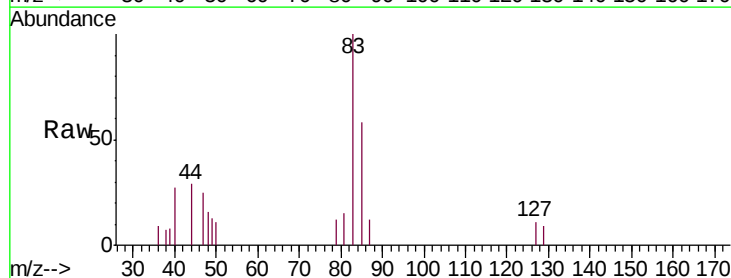
Instrument :
 MSVOA_V
 ClientSampled :
 MDL02

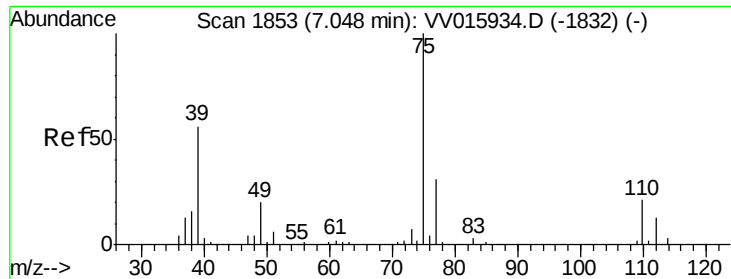
Tgt Ion: 63 Resp: 2608
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.242 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Tgt Ion: 83 Resp: 2793
 Ion Ratio Lower Upper
 83 100
 85 57.6 45.5 84.5
 127 11.0 6.2 9.4#

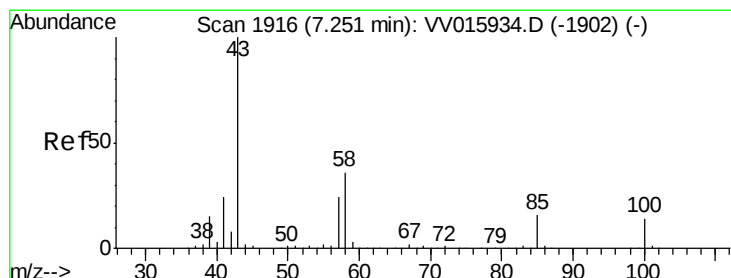
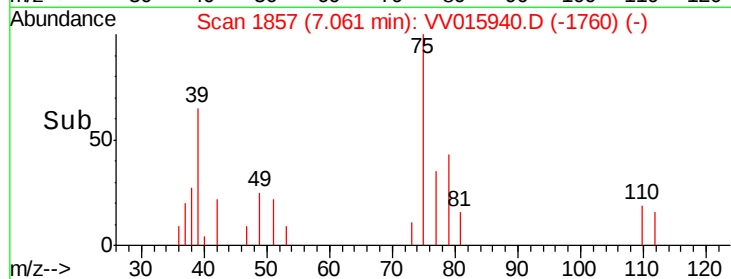
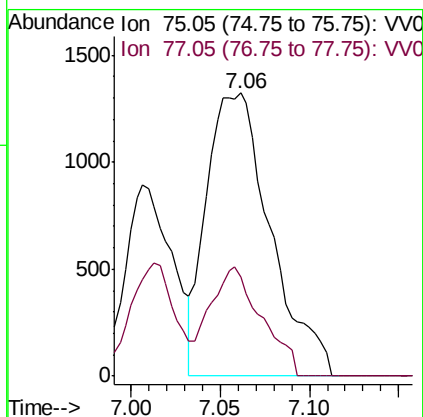
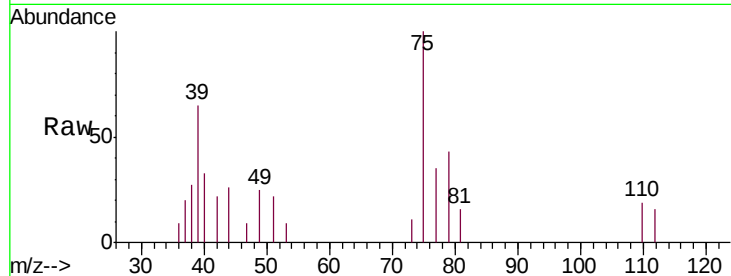




#39
 cis-1,3-Dichloropropene
 Concen: 0.256 ug/L
 RT: 7.06 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

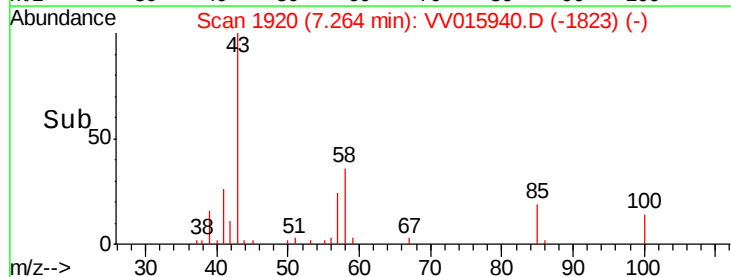
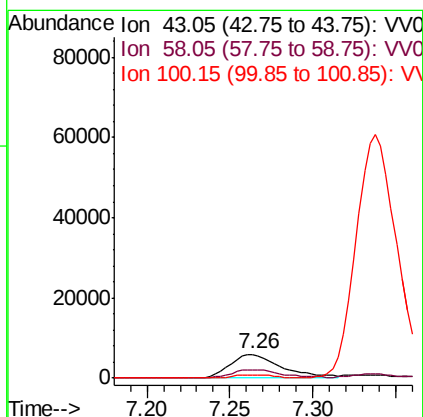
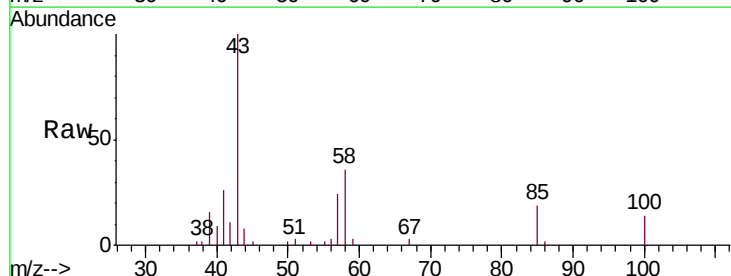
Instrument :
 MSVOA_V
 ClientSampled :
 MDL02

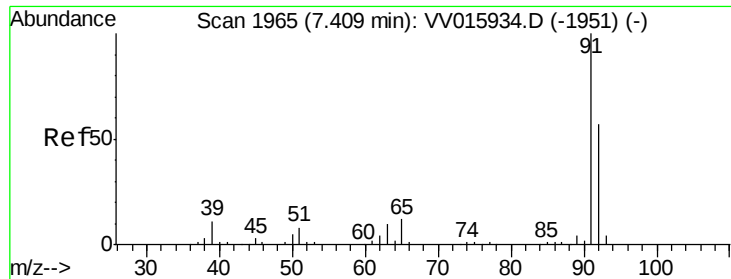
Tgt Ion: 75 Resp: 3294
 Ion Ratio Lower Upper
 75 100
 77 35.1 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 2.280 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Tgt Ion: 43 Resp: 12931
 Ion Ratio Lower Upper
 43 100
 58 35.0 29.0 43.4
 100 0.0 10.9 16.3#





#42

Toluene

Concen: 0.251 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

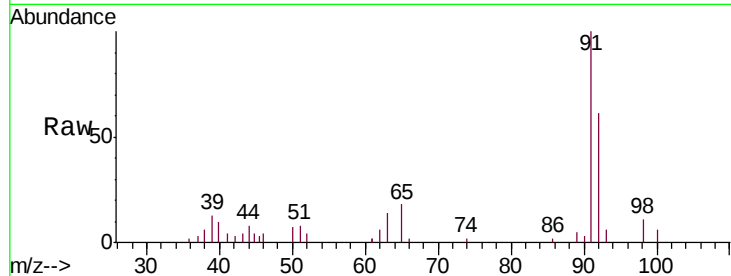
MDL02

Tgt Ion: 91 Resp: 9523

Ion Ratio Lower Upper

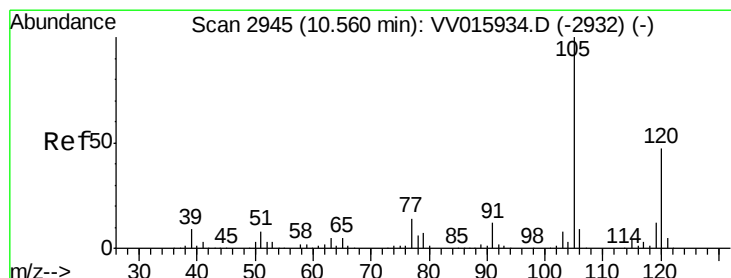
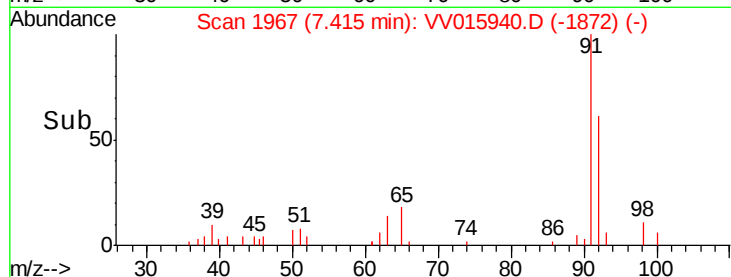
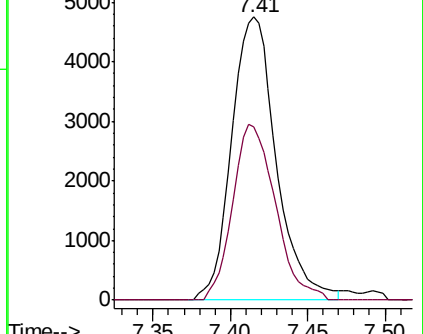
91 100

92 61.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV015934.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015934.D (-1951) (-)



#43

1,3,5-Trimethylbenzene

Concen: 0.204 ug/L

RT: 10.56 min Scan# 2946

Delta R.T. 0.00 min

Lab File: VV015940.D

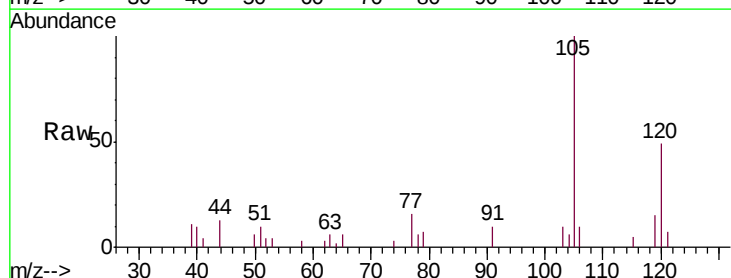
Acq: 07 May 2020 14:46

Tgt Ion: 105 Resp: 7105

Ion Ratio Lower Upper

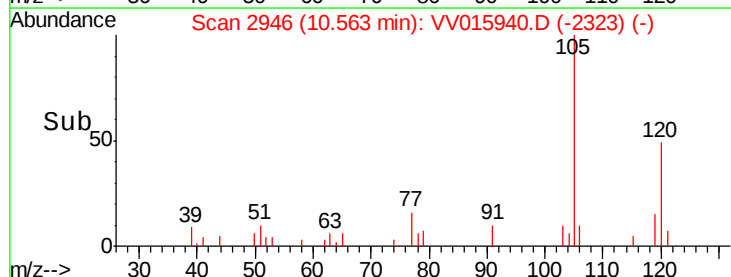
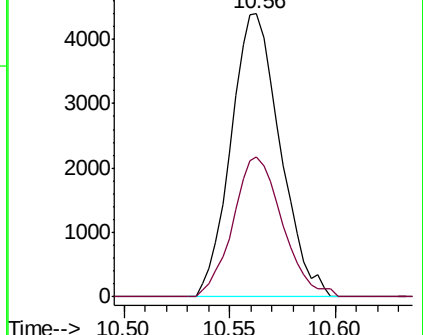
105 100

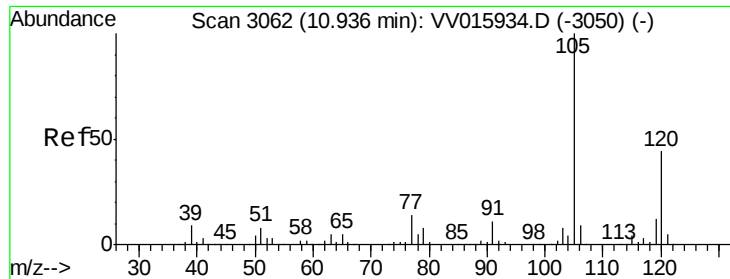
120 49.7 0.0 0.0#



Abundance Ion 105.00 (104.70 to 105.70): VV015934.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV015934.D (-2932) (-)

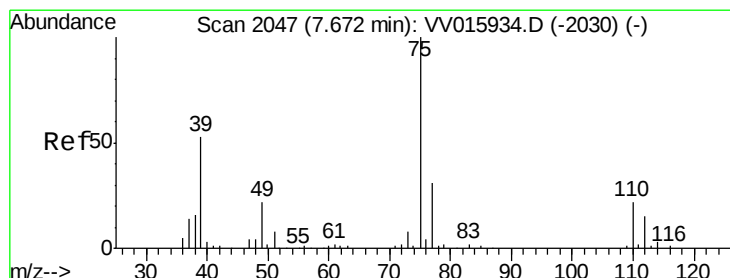
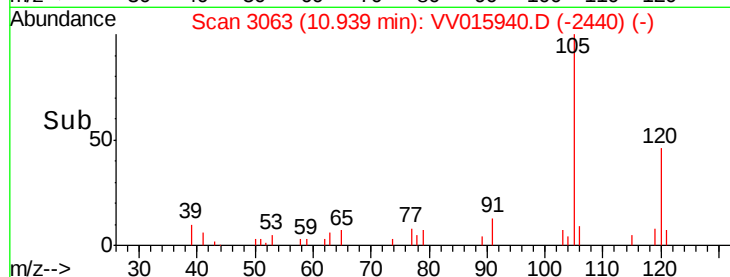
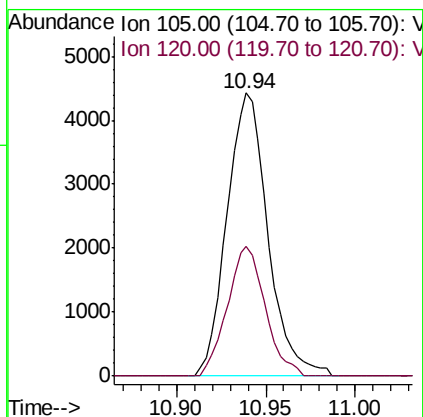
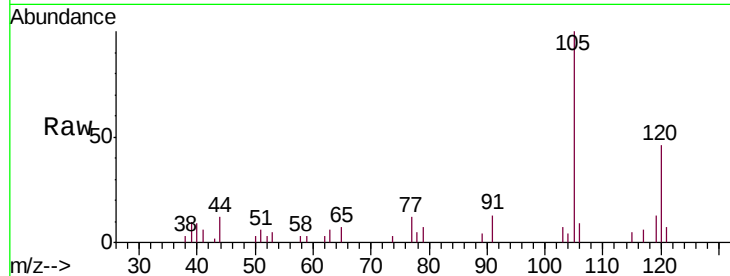




#44
1,2,4-Trimethylbenzene
Concen: 0.203 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

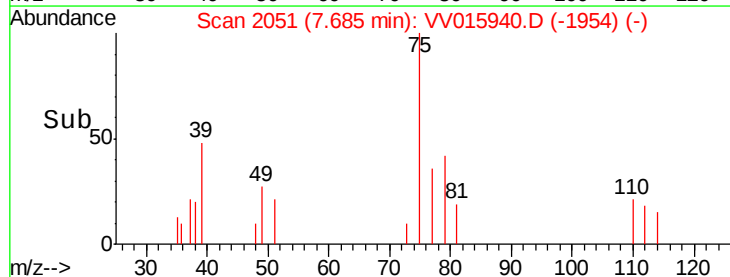
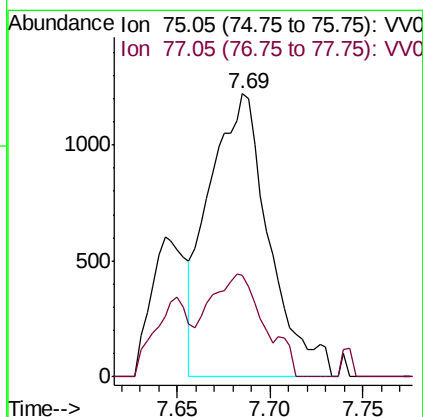
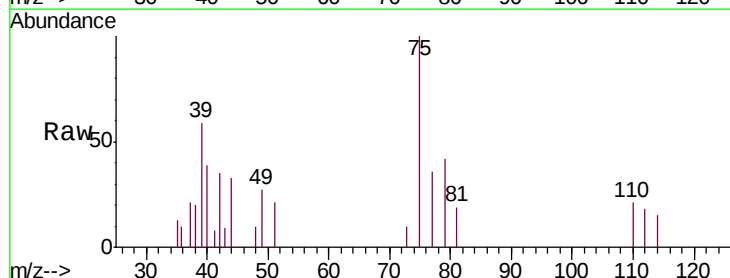
Instrument :
MSVOA_V
ClientSampleId :
MDL02

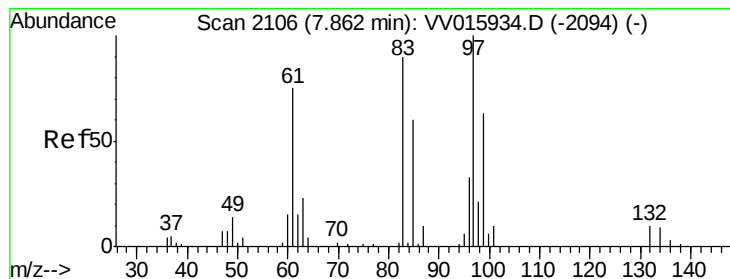
Tgt Ion: 105 Resp: 7062
Ion Ratio Lower Upper
105 100
120 42.4 0.0 0.0#



#46
trans-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.69 min Scan# 2051
Delta R.T. 0.01 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 75 Resp: 2739
Ion Ratio Lower Upper
75 100
77 36.0 21.3 39.6





#47

1,1,2-Trichloroethane

Concen: 0.257 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 1560

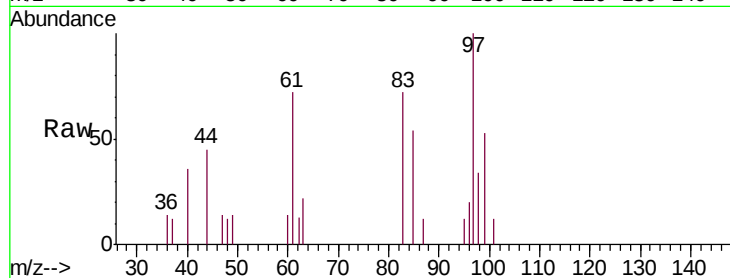
Ion Ratio Lower Upper

97 100

99 52.6 42.1 78.1

83 72.2 59.2 110.0

85 53.8 38.6 71.8

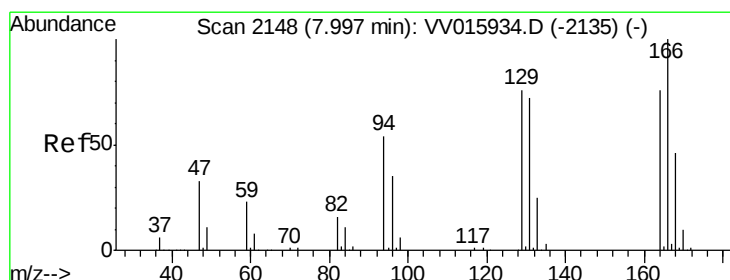
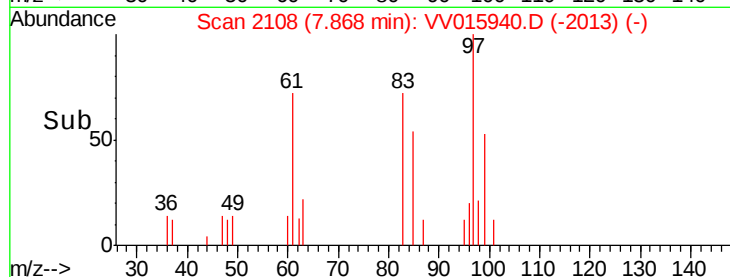
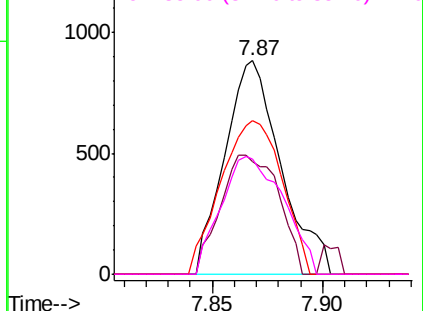


Abundance Ion 96.95 (96.65 to 97.65): VV015940.D (-2094) (-)

Ion 99.05 (98.75 to 99.75): VV015940.D (-2094) (-)

Ion 82.95 (82.65 to 83.65): VV015940.D (-2094) (-)

Ion 85.00 (84.70 to 85.70): VV015940.D (-2094) (-)



#49

Tetrachloroethene

Concen: 0.252 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Tgt Ion: 164 Resp: 1794

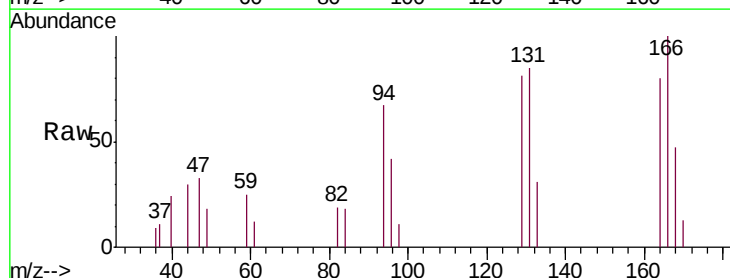
Ion Ratio Lower Upper

164 100

129 101.1 69.7 129.4

131 105.6 66.8 124.2

166 124.6 89.1 165.5

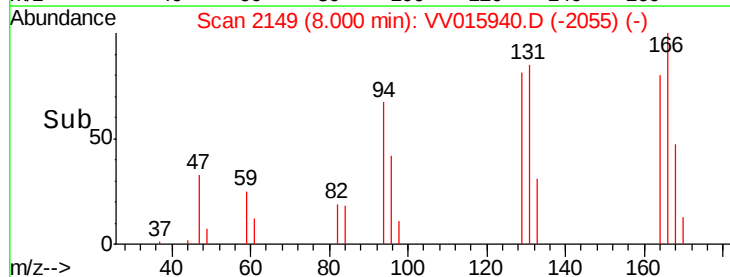
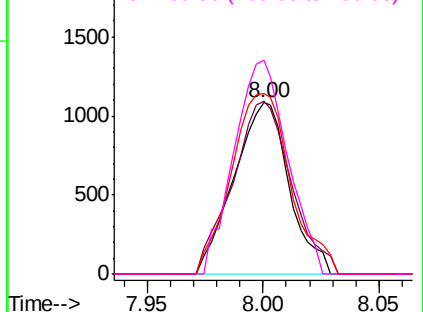


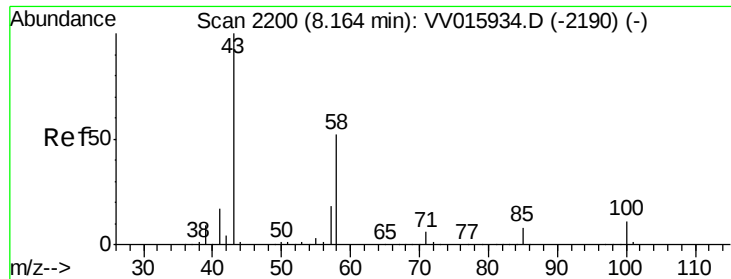
Abundance Ion 163.90 (163.60 to 164.60): VV015940.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015940.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015940.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015940.D (-2135) (-)

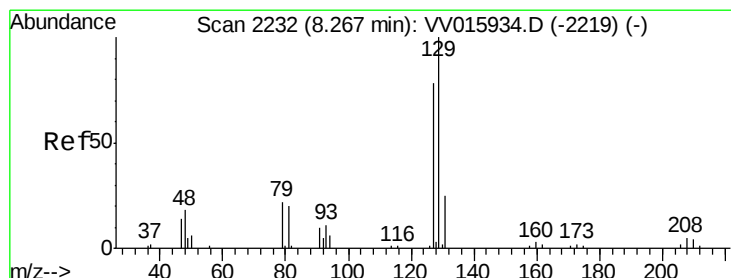
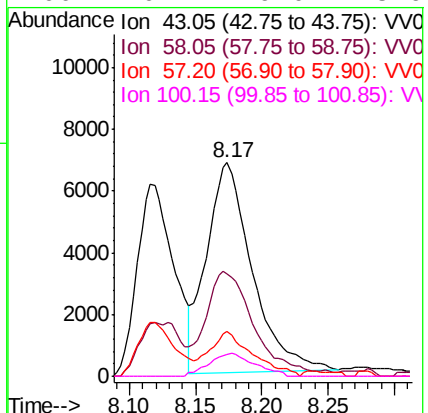
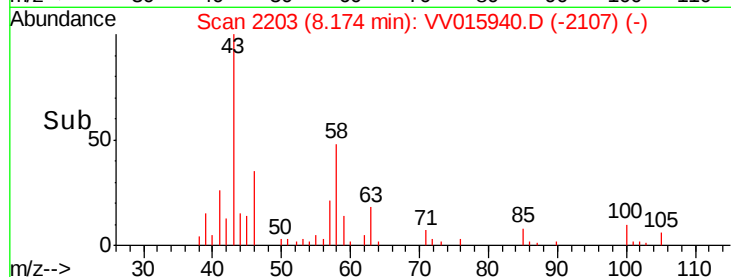
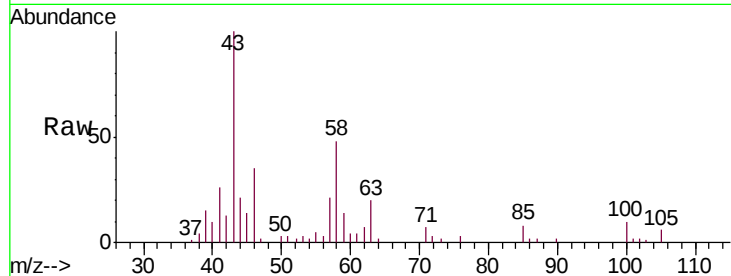




#50
2-Hexanone
Concen: 4.069 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

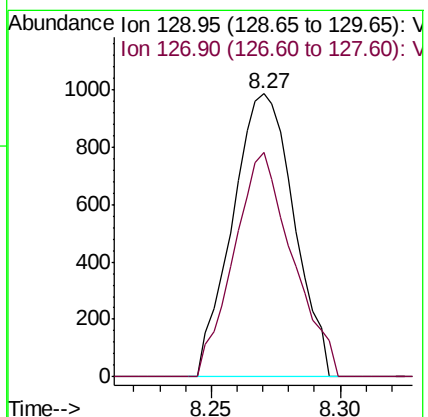
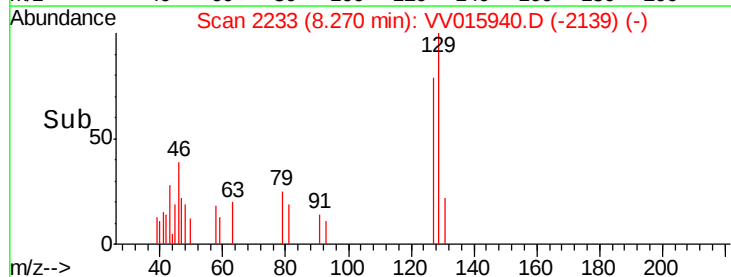
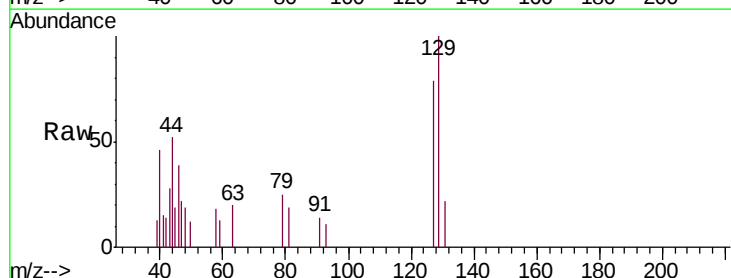
Instrument :
MSVOA_V
ClientSampleId :
MDL02

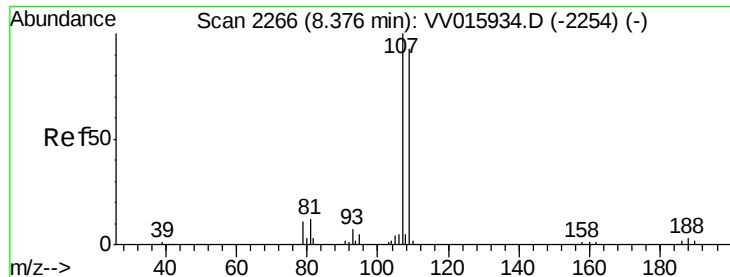
Tgt Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
58 46.7 40.8 61.2
57 20.3 14.7 22.1
100 10.7 9.0 13.6



#51
Dibromochloromethane
Concen: 0.240 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion: 129 Resp: 1637
Ion Ratio Lower Upper
129 100
127 79.3 56.0 104.0

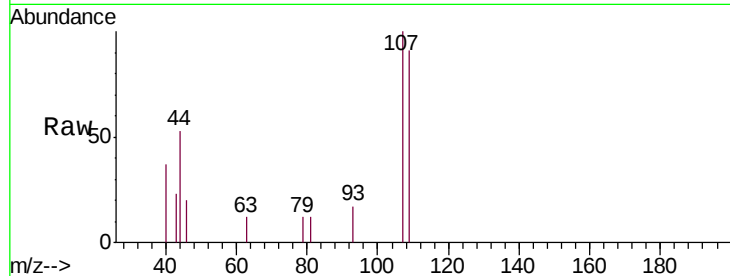




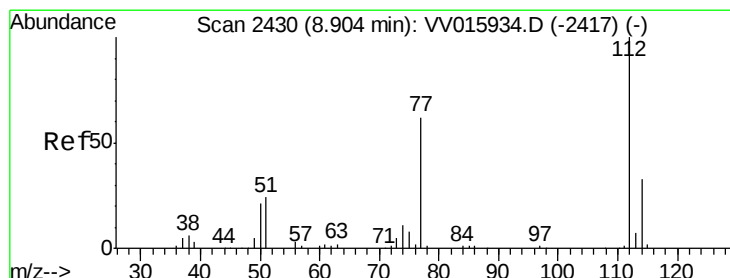
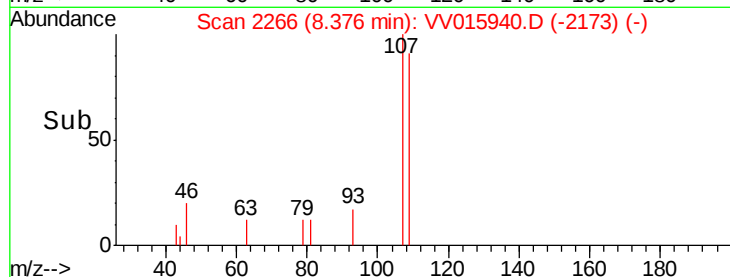
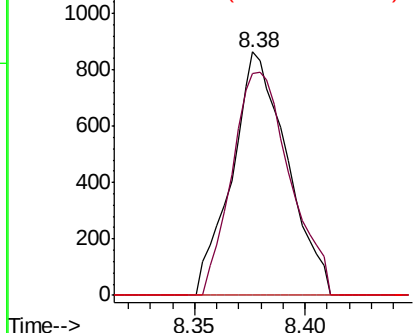
#52
 1,2-Dibromoethane
 Concen: 0.265 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion:107 Resp: 1496
 Ion Ratio Lower Upper
 107 100
 109 91.2 68.9 127.9
 188 0.0 2.7 4.1#

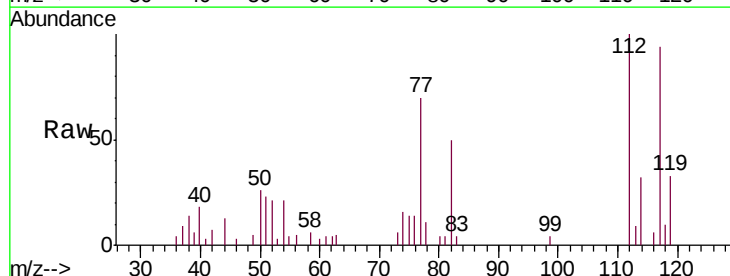


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

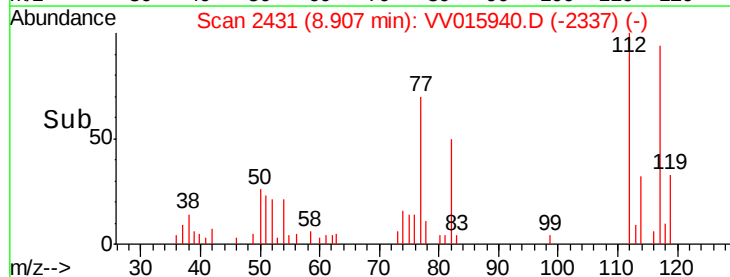
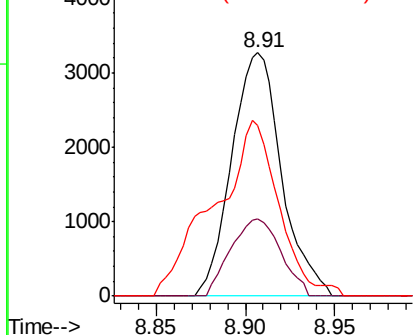


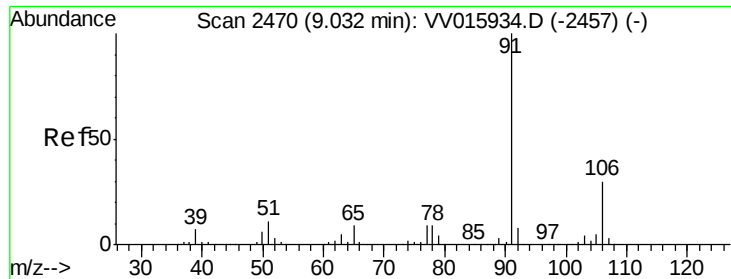
#53
 Chlorobenzene
 Concen: 0.261 ug/L
 RT: 8.91 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Tgt Ion:112 Resp: 6374
 Ion Ratio Lower Upper
 112 100
 114 31.5 21.6 40.0
 77 70.2 48.6 73.0



Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): VV0





#54

Ethylbenzene

Concen: 0.244 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

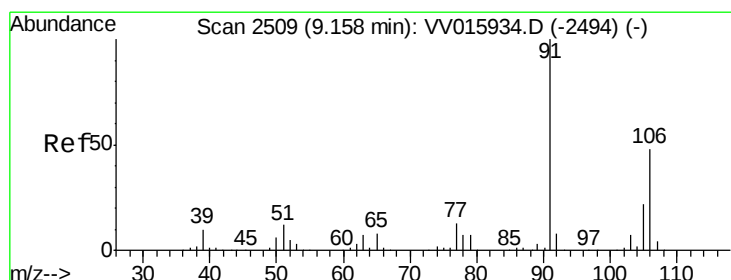
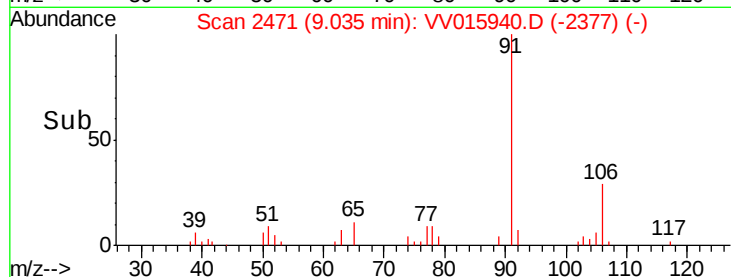
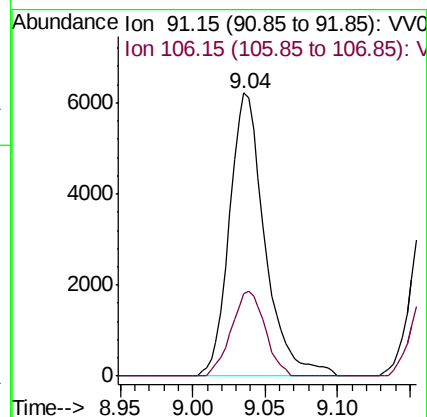
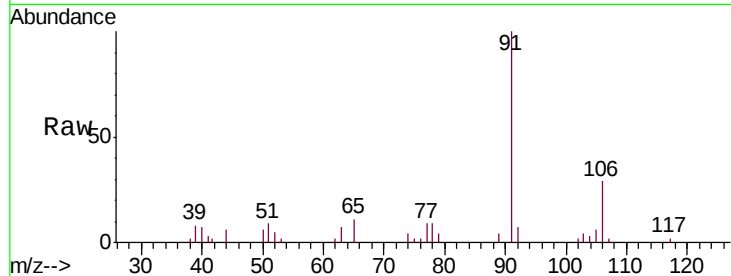
MDL02

Tgt Ion: 91 Resp: 10515

Ion Ratio Lower Upper

91 100

106 29.2 20.6 38.4



#55

m,p-xylene

Concen: 0.232 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015940.D

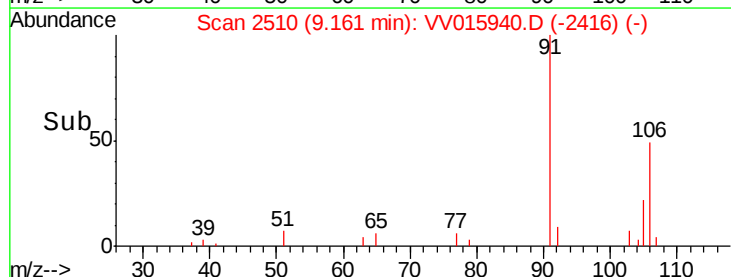
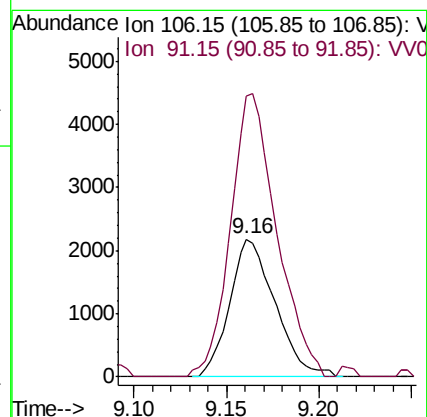
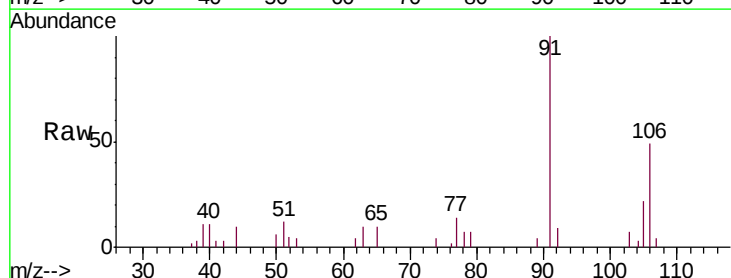
Acq: 07 May 2020 14:46

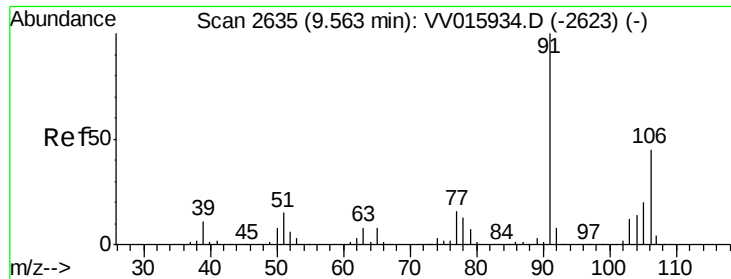
Tgt Ion: 106 Resp: 3703

Ion Ratio Lower Upper

106 100

91 203.9 149.9 278.3

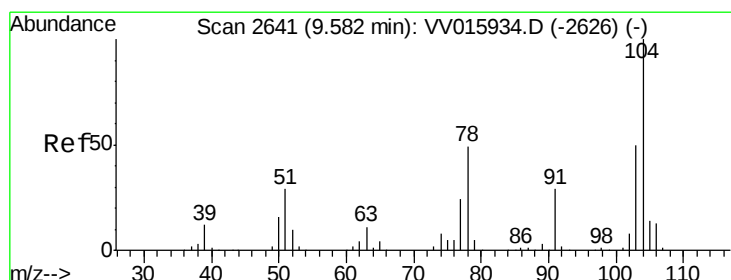
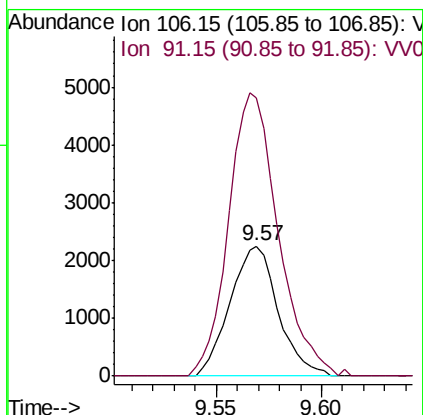
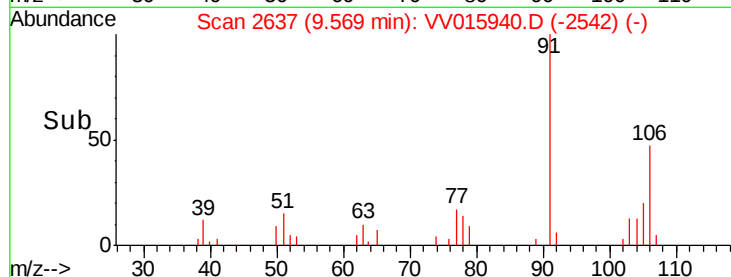
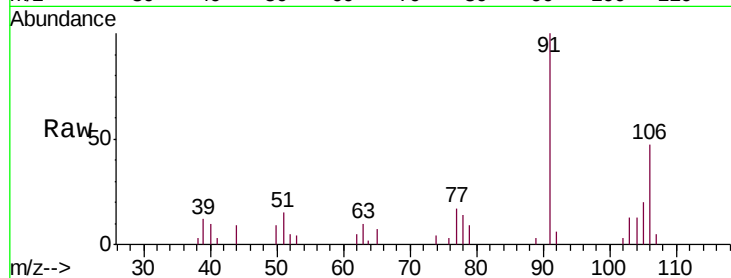




#56
o-xylene
Concen: 0.234 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

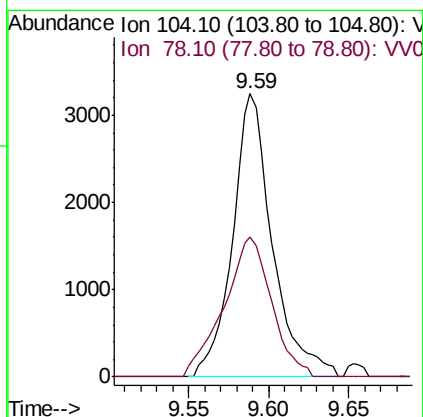
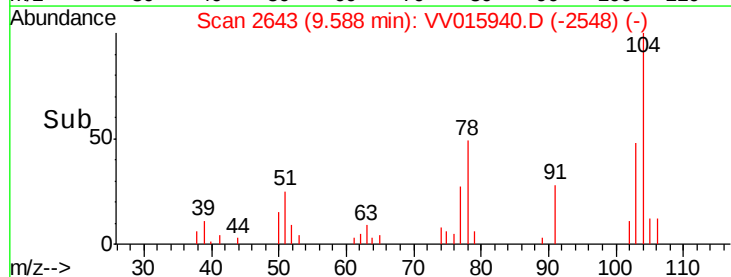
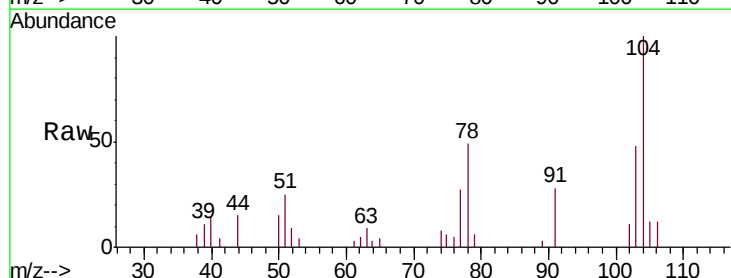
Instrument :
MSVOA_V
ClientSampled :
MDL02

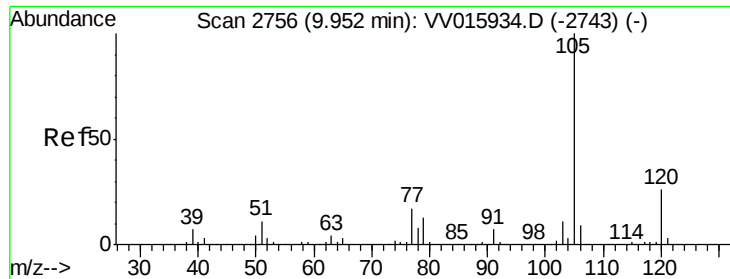
Tgt Ion:106 Resp: 3573
Ion Ratio Lower Upper
106 100
91 214.0 159.7 296.5



#57
Styrene
Concen: 0.215 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV015940.D
Acq: 07 May 2020 14:46

Tgt Ion:104 Resp: 5496
Ion Ratio Lower Upper
104 100
78 49.4 33.9 63.0





#58

Isopropylbenzene

Concen: 0.227 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL02

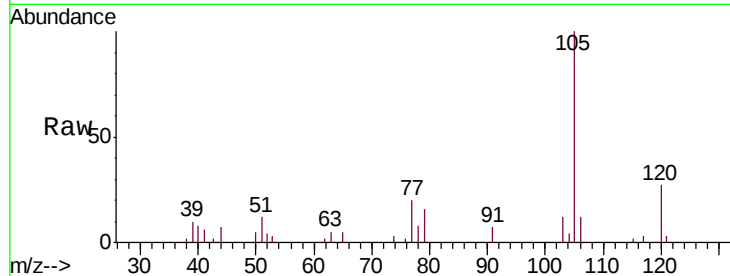
Tgt Ion: 105 Resp: 9515

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

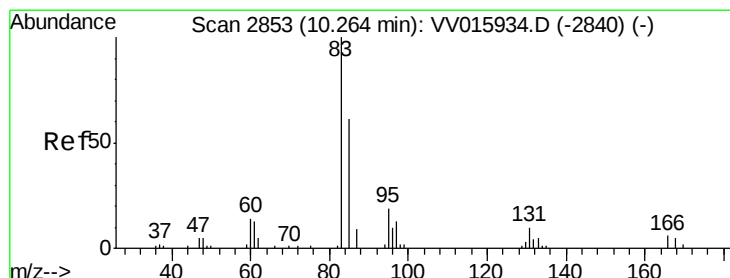
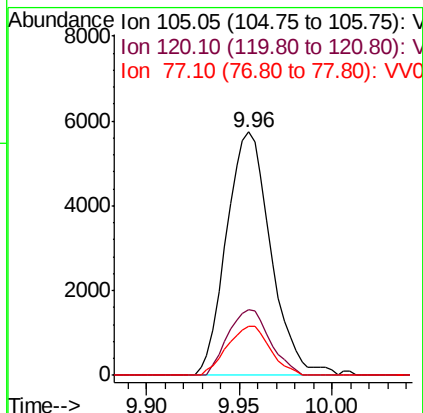
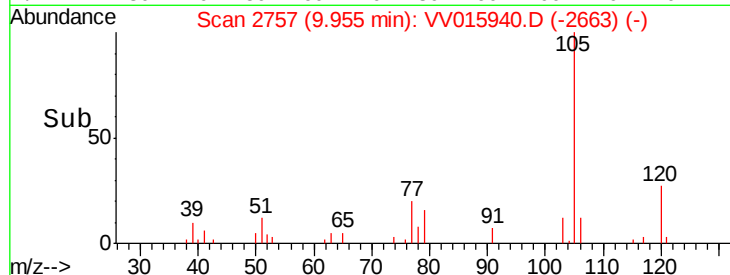
77 19.4 14.1 21.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.288 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

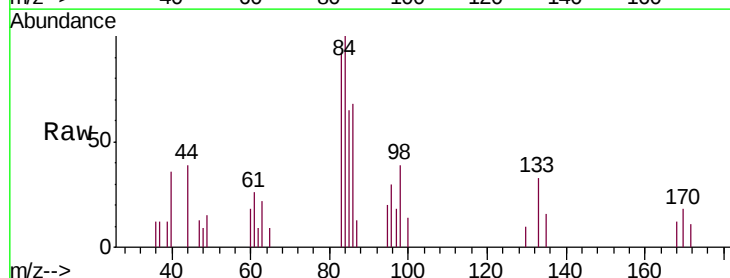
Tgt Ion: 83 Resp: 1868

Ion Ratio Lower Upper

83 100

85 70.8 44.0 81.6

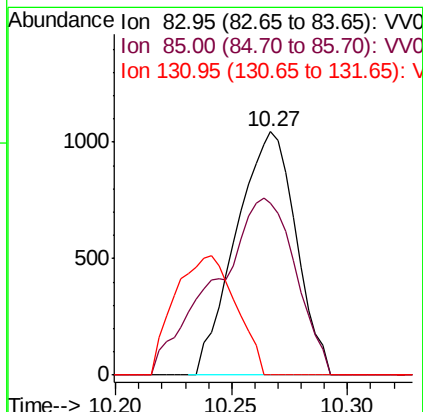
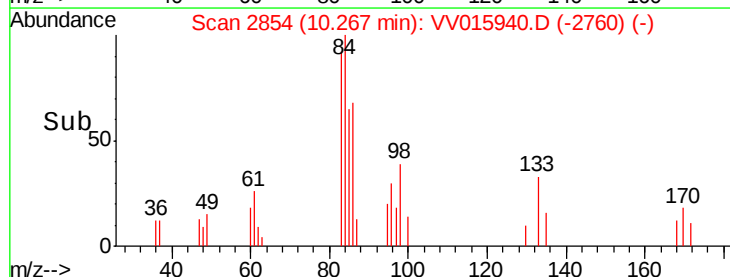
131 0.0 7.7 11.5#

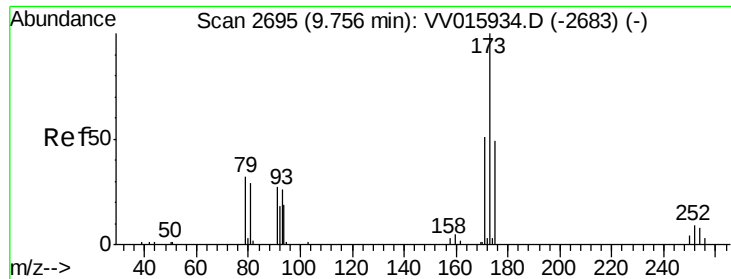


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.213 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

MDL02

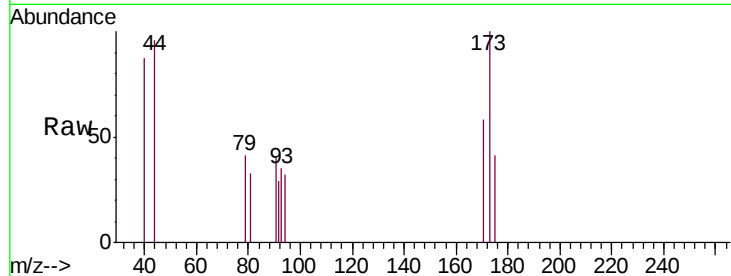
Tgt Ion:173 Resp: 656

Ion Ratio Lower Upper

173 100

175 54.0 39.8 59.8

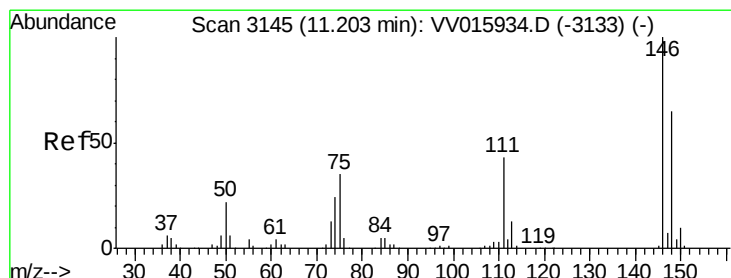
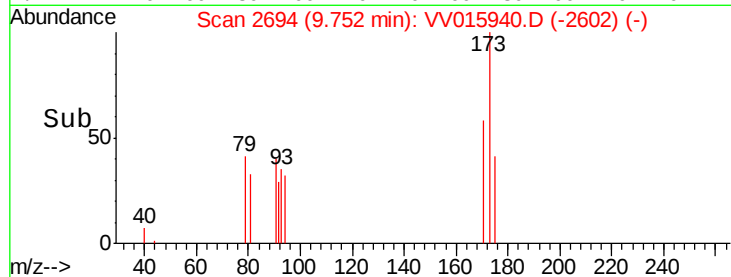
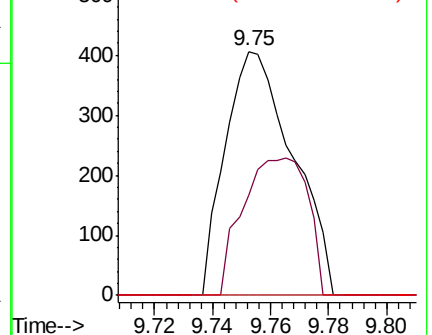
254 0.0 7.1 10.7#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.264 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

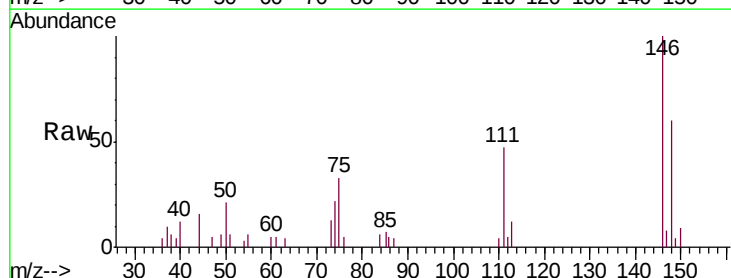
Tgt Ion:146 Resp: 4758

Ion Ratio Lower Upper

146 100

111 47.0 28.7 53.3

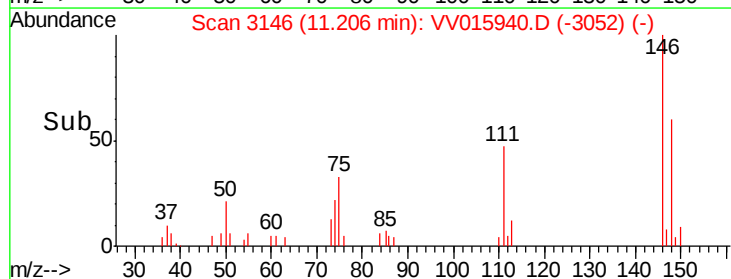
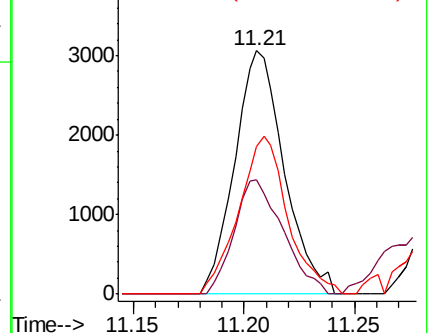
148 60.5 44.0 81.8

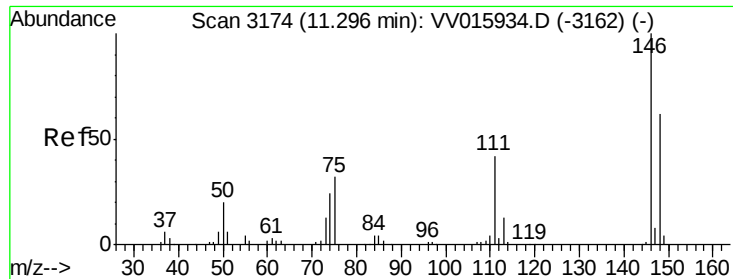


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

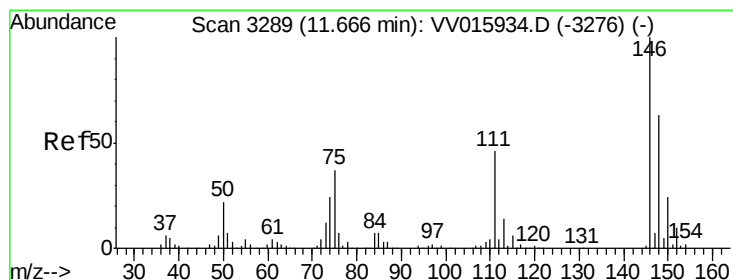
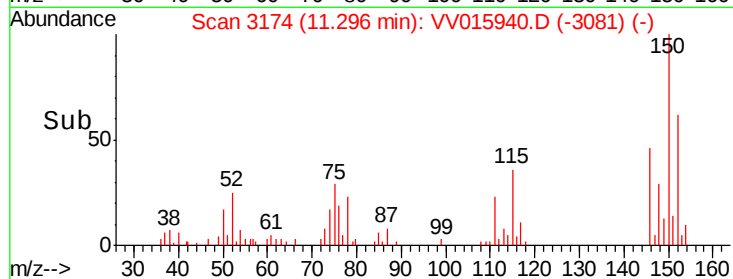
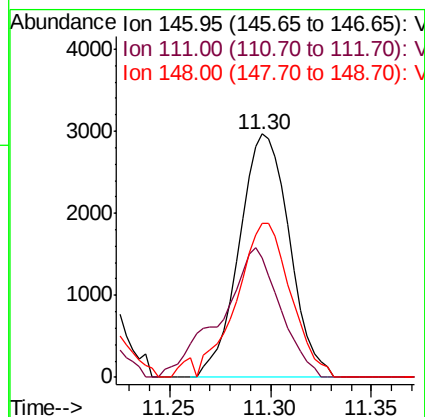
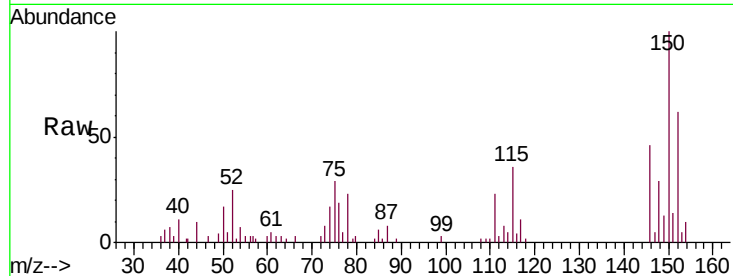




#64
 1,4-Dichlorobenzene
 Concen: 0.286 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

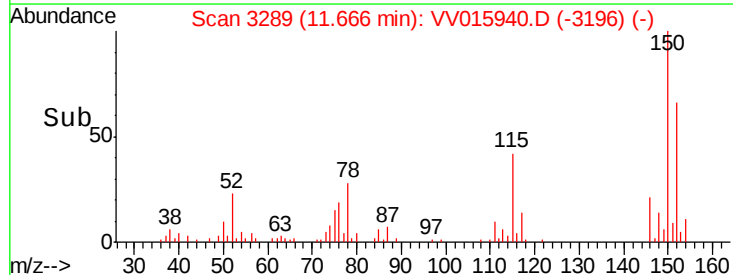
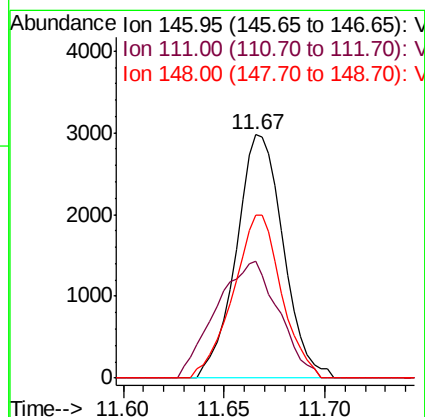
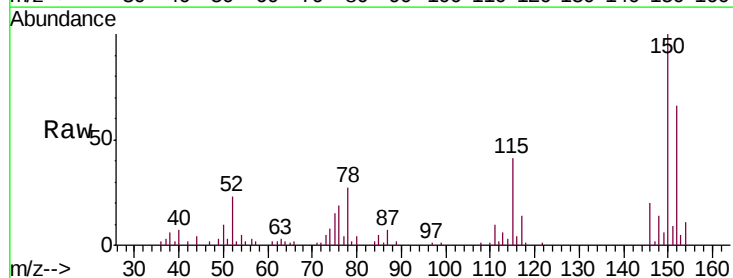
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

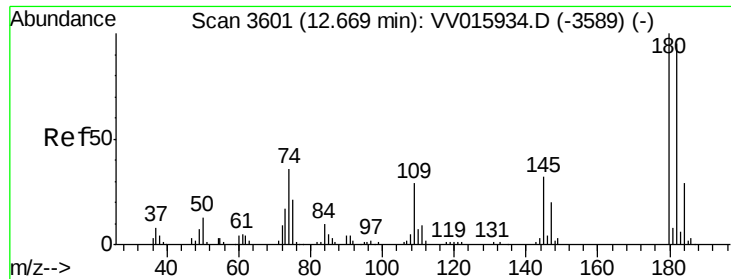
Tgt Ion:146 Resp: 5170
 Ion Ratio Lower Upper
 146 100
 111 49.1 28.9 53.7
 148 63.0 44.6 82.8



#66
 1,2-Dichlorobenzene
 Concen: 0.298 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Tgt Ion:146 Resp: 4860
 Ion Ratio Lower Upper
 146 100
 111 47.9 37.0 55.4
 148 66.9 49.8 74.6

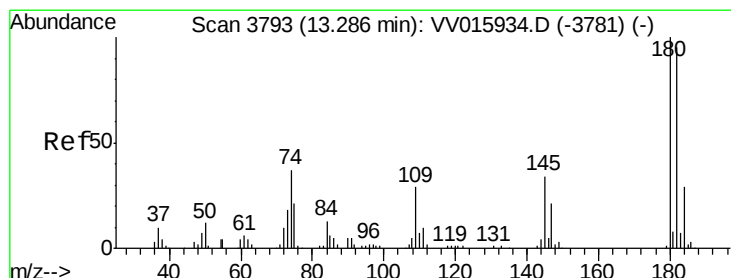
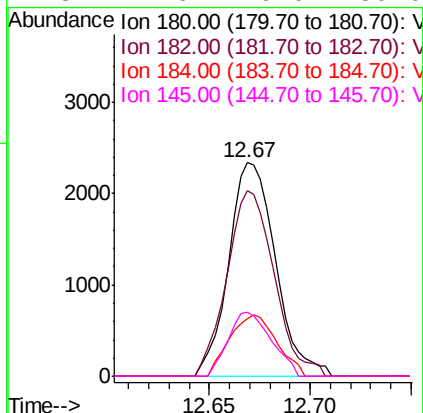
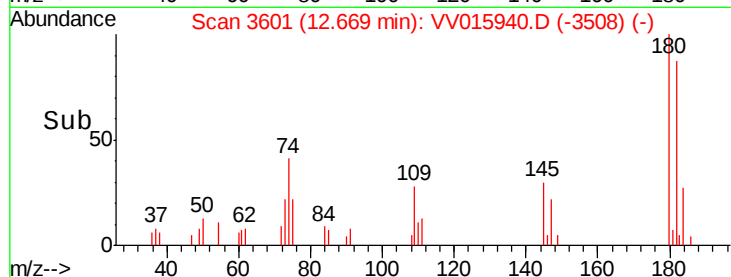
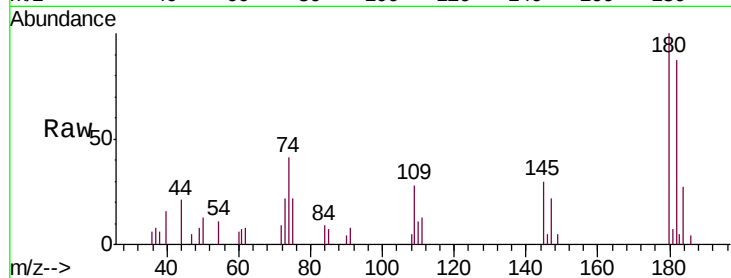




#68
 1,3,5-Trichlorobenzene
 Concen: 0.289 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

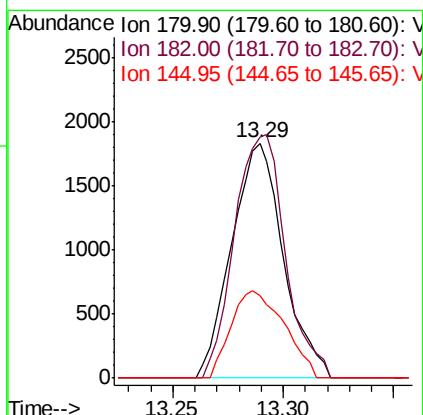
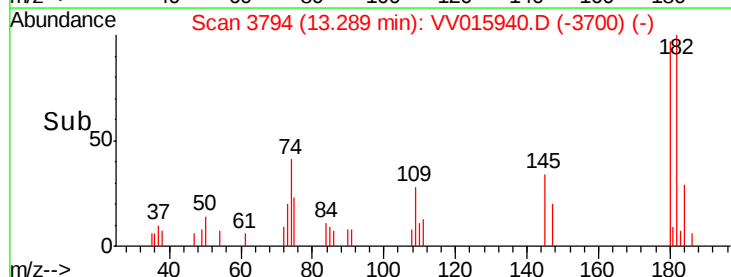
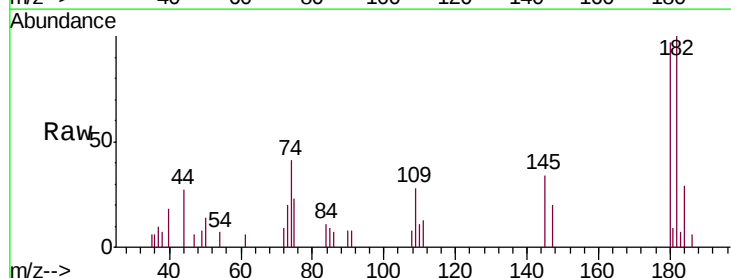
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

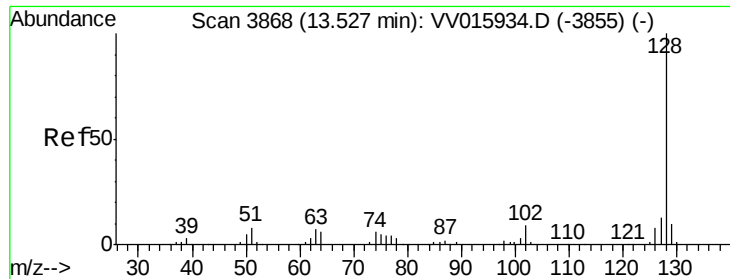
Tgt Ion:180 Resp: 3802
 Ion Ratio Lower Upper
 180 100
 182 87.6 75.8 113.6
 184 28.9 24.6 36.8
 145 27.6 26.0 39.0



#69
 1,2,4-trichlorobenzene
 Concen: 0.264 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015940.D
 Acq: 07 May 2020 14:46

Tgt Ion:180 Resp: 2991
 Ion Ratio Lower Upper
 180 100
 182 101.9 76.7 115.1
 145 38.0 26.4 39.6





#70

Naphthalene

Concen: 0.268 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

MDL02

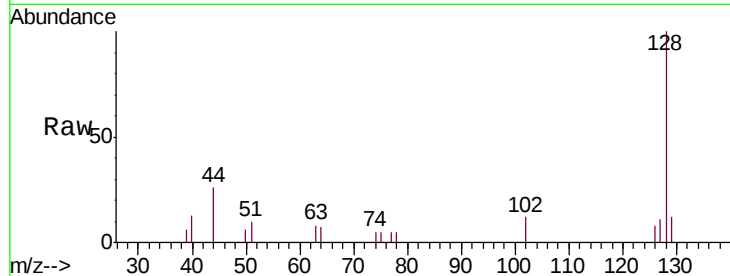
Tgt Ion:128 Resp: 4825

Ion Ratio Lower Upper

128 100

129 9.2 8.5 12.7

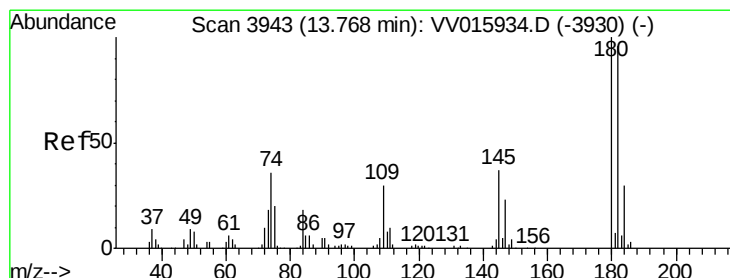
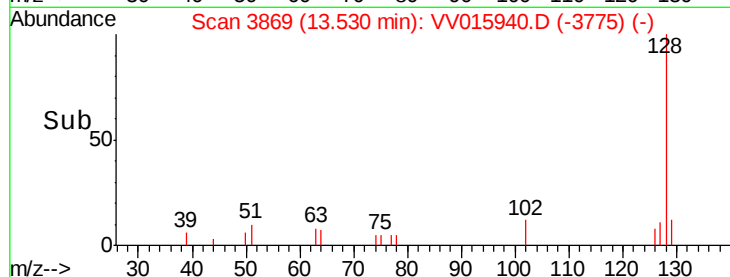
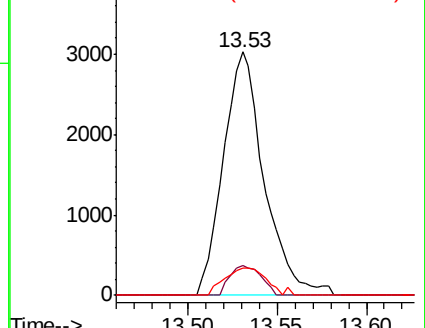
127 11.6 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#71

1,2,3-Trichlorobenzene

Concen: 0.254 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015940.D

Acq: 07 May 2020 14:46

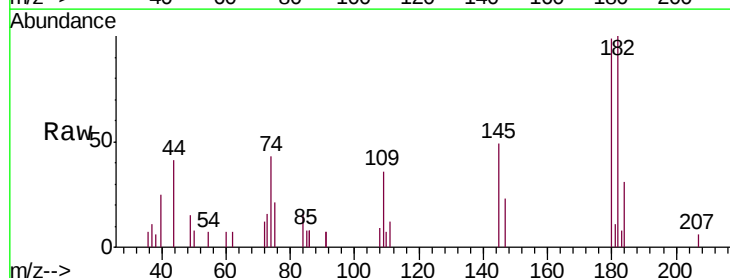
Tgt Ion:180 Resp: 2538

Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 46.5 28.3 42.5#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

