

Data File : VW017424.D
Acq On : 20 Nov 2020 17:56
Operator : SY/VA
Sample : L4853-03
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD2

Quant Time: Nov 21 00:34:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	55388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109116	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
7) Chloroethane-d5	2.89	69	95043	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.02	63	149942	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	44344	56.39	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.78%
24) Chloroform-d	7.65	84	212253	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.31	65	111544	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.68%
29) Benzene-d6	8.27	84	408127	32.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.12%
33) 1,2-Dichloropropane-d6	9.27	67	111547	33.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.52%#
37) Toluene-d8	10.32	98	321189	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.60%
38) trans-1,3-Dichloropropene-	10.58	79	45363	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.64%
39) 2-Hexanone-d5	10.93	63	35583	80.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81339	32.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	56083	27.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.72%

Target Compounds

						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1613	0.364	ug/L #	16
13) Acetone	4.13	43	3237	5.641	ug/L	91
16) Methylene chloride	4.92	84	10436	1.886	ug/L	93
35) Trichloroethene	8.84	95	9675	2.741	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13634	4.831	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4109	0.938	ug/L	83
44) Toluene	10.38	91	16613	1.200	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2389	0.644	ug/L #	81
46) 1,1,2-Trichloroethane	10.76	97	791	0.356	ug/L #	16
54) m,p-Xylene	11.84	106	1607	0.269	ug/L	83
55) o-xylene	12.17	106	1655	0.292	ug/L	88
59) 1,2,3-Trichloropropane	13.55	75	6603	3.797	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.46	75	2043	11.684	ug/L #	1
68) 1,2,4-trichlorobenzene	15.14	180	1417	0.703	ug/L #	1
69) Naphthalene	15.36	128	36898	12.752	ug/L #	91
70) 1,2,3-Trichlorobenzene	15.58	180	1853	1.045	ug/L #	28

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

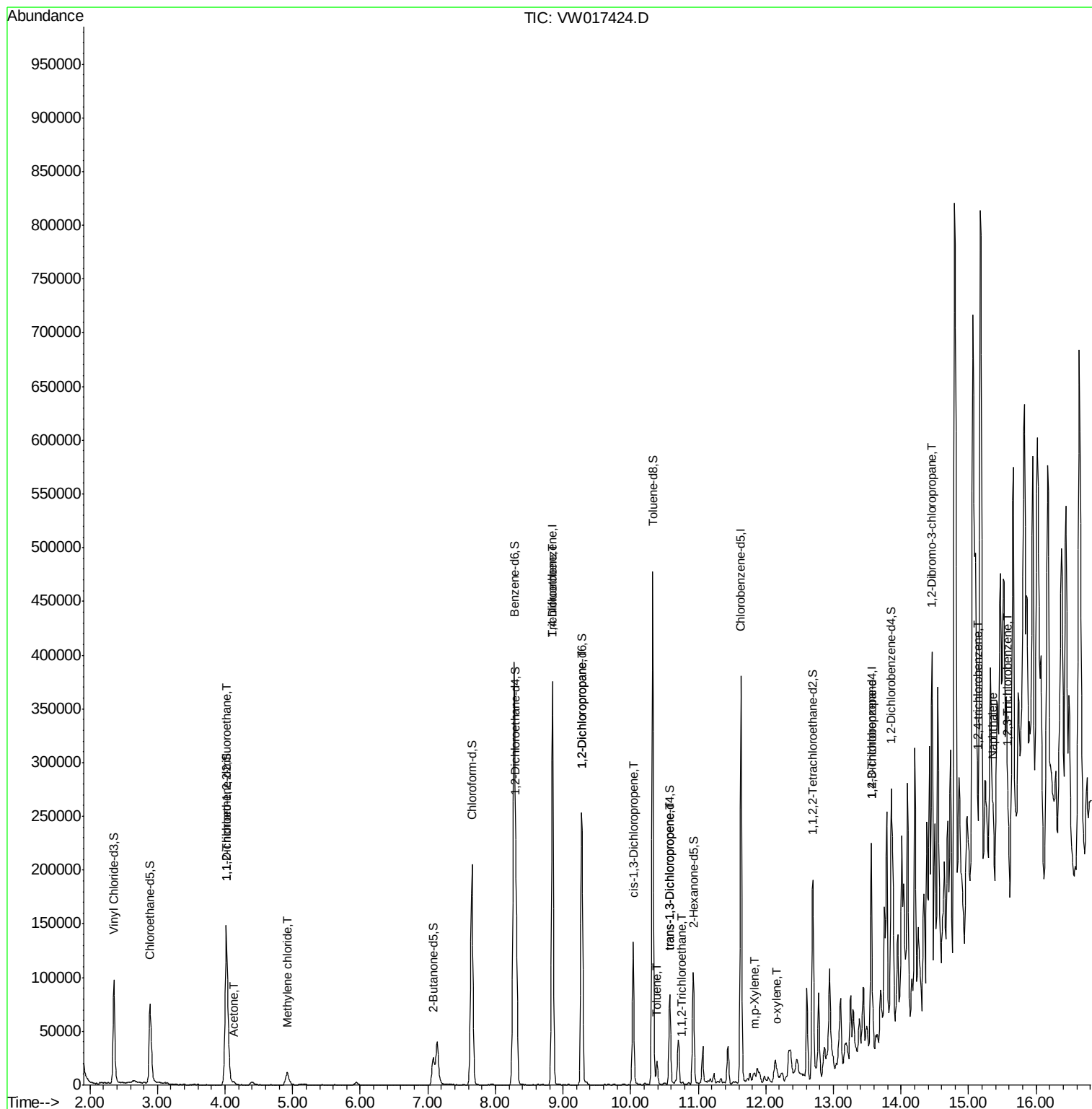
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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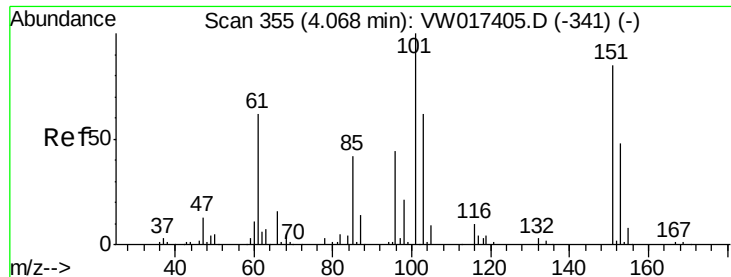
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.364 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

Instrument :

MSVOA_W

ClientSampled :

C0AD2

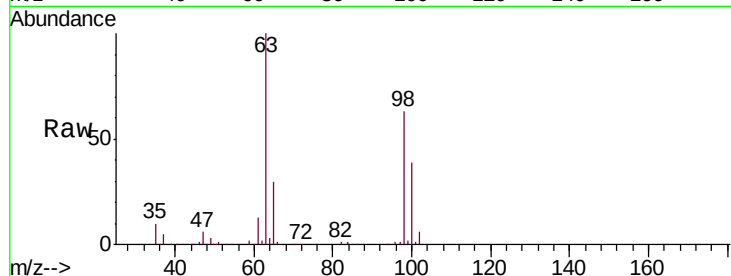
Tgt Ion: 101 Resp: 1613

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

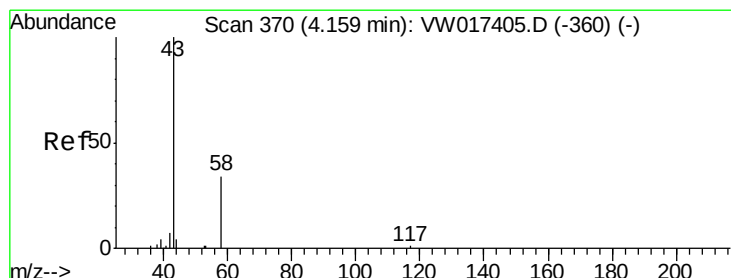
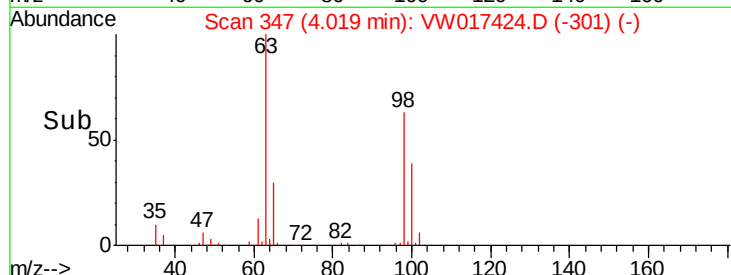
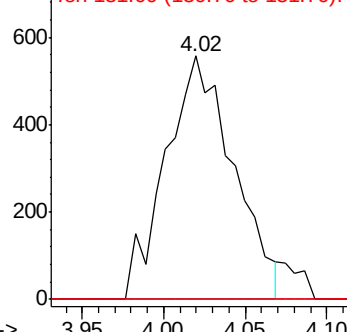
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.641 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

Lab File: VW017424.D

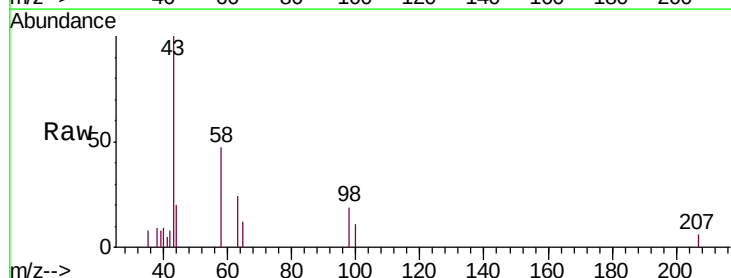
Acq: 20 Nov 2020 17:56

Tgt Ion: 43 Resp: 3237

Ion Ratio Lower Upper

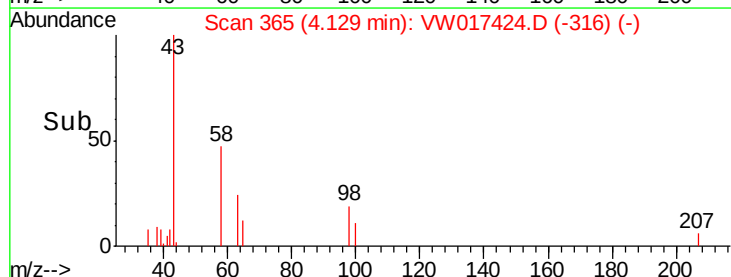
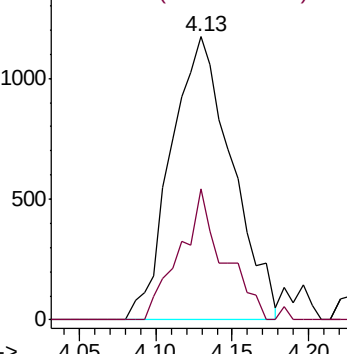
43 100

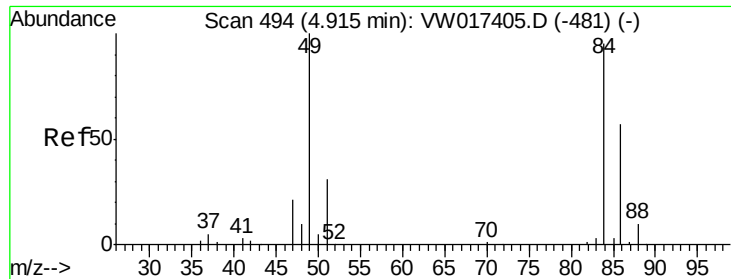
58 28.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

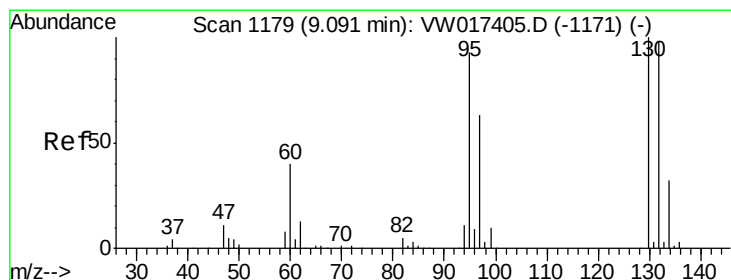
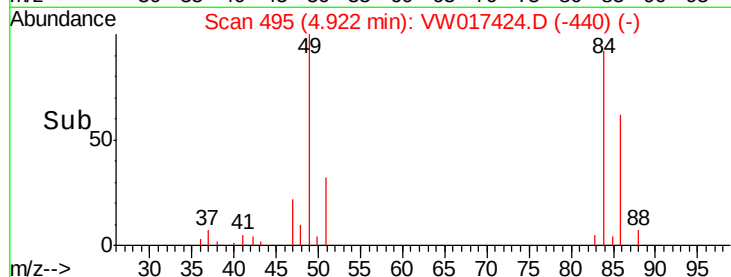
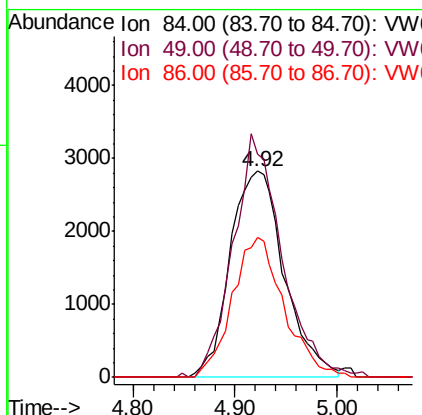
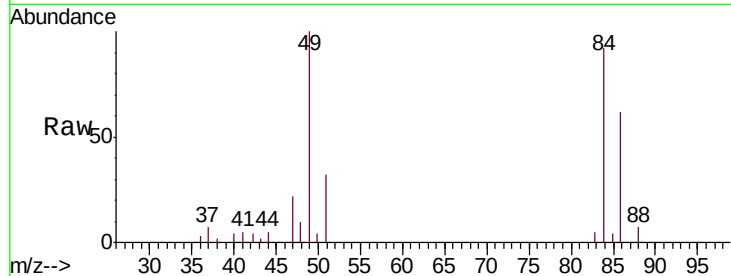




#16
Methylene chloride
Concen: 1.886 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017424.D
Acq: 20 Nov 2020 17:56

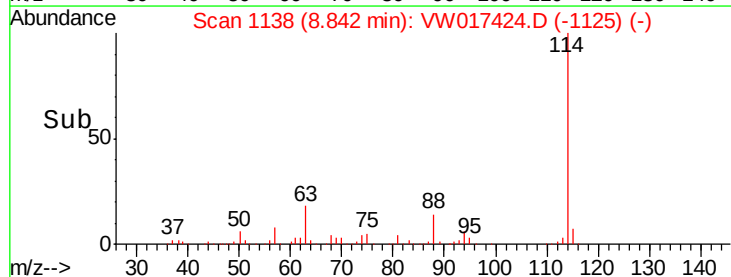
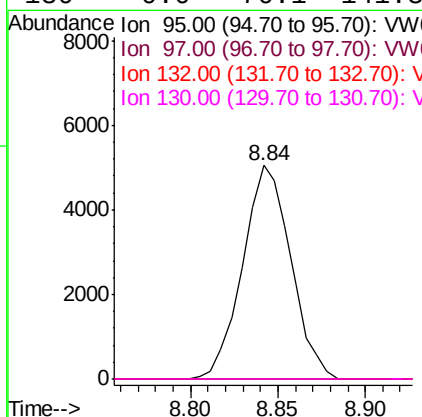
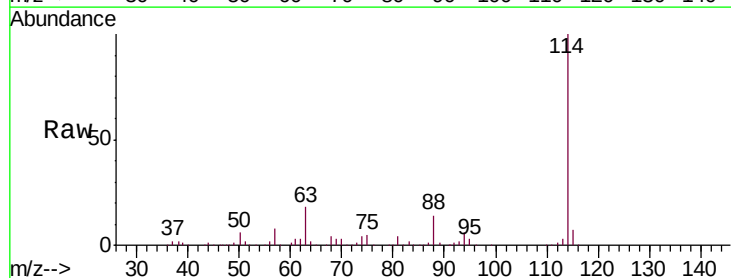
Instrument :
MSVOA_W
ClientSampleId :
C0AD2

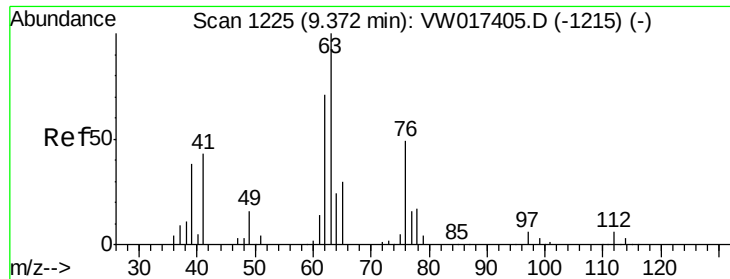
Tgt Ion: 84 Resp: 10436
Ion Ratio Lower Upper
84 100
49 108.4 71.5 132.9
86 67.7 42.8 79.4



#35
Trichloroethene
Concen: 2.741 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017424.D
Acq: 20 Nov 2020 17:56

Tgt Ion: 95 Resp: 9675
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 72.7 134.9#
130 0.0 76.1 141.3#

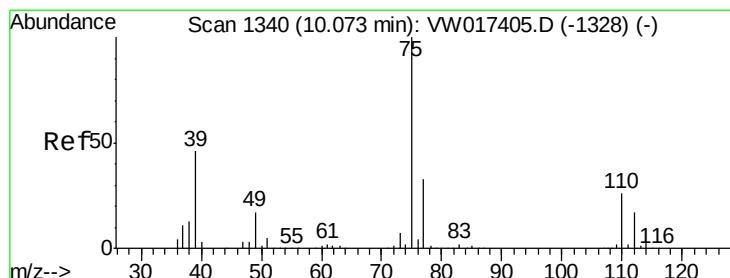
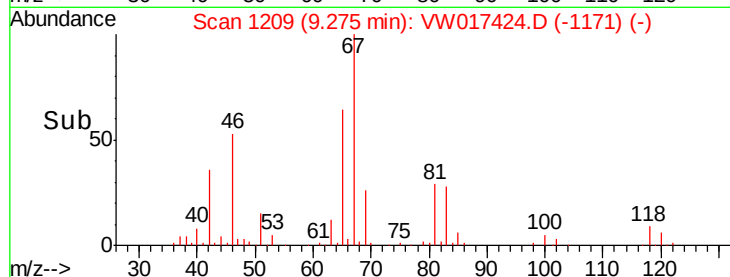
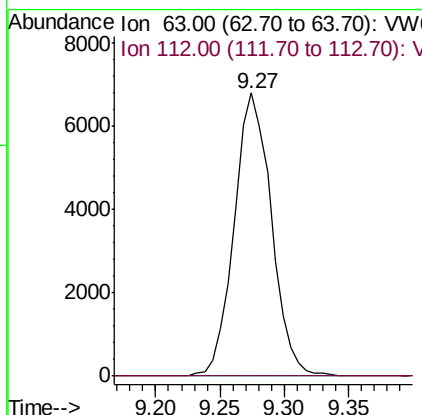
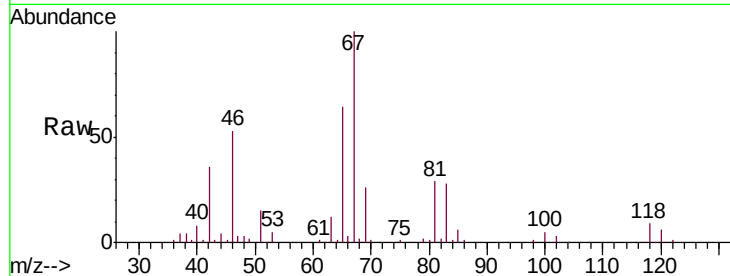




#40
 1,2-Dichloropropane
 Concen: 4.831 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

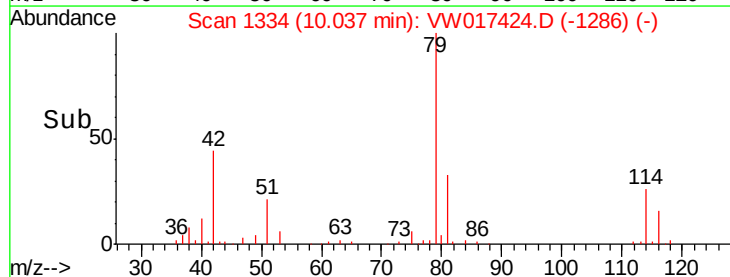
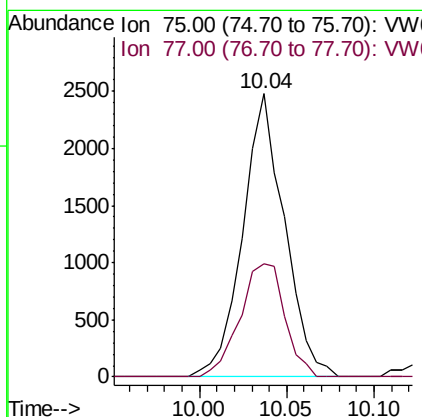
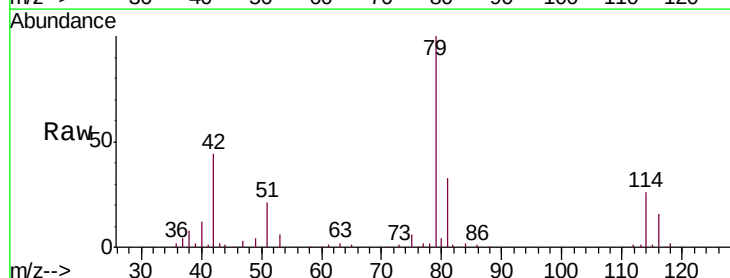
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD2

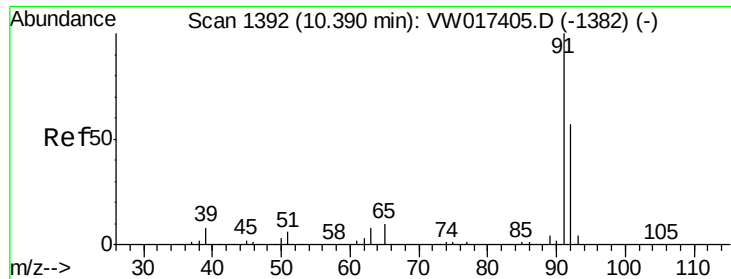
Tgt Ion: 63 Resp: 13634
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

Tgt Ion: 75 Resp: 4109
 Ion Ratio Lower Upper
 75 100
 77 40.2 21.8 40.4





#44

Toluene

Concen: 1.200 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

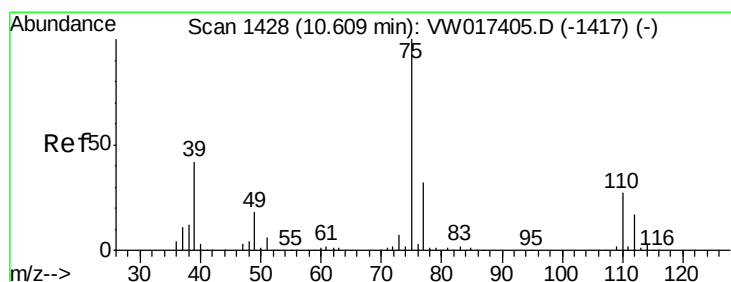
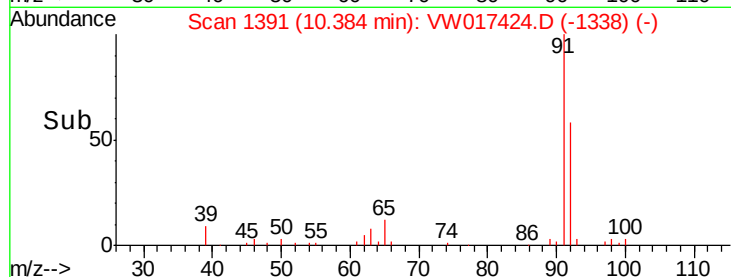
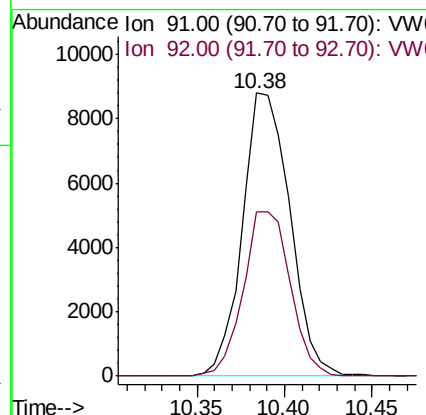
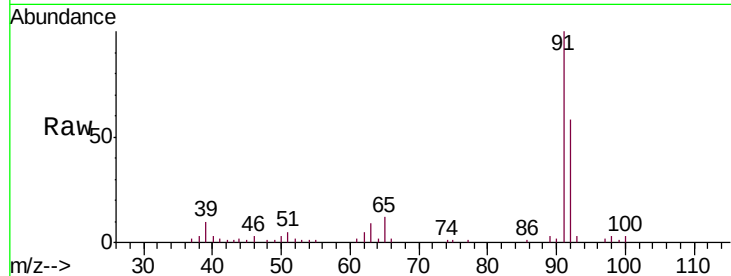
C0AD2

Tgt Ion: 91 Resp: 16613

Ion Ratio Lower Upper

91 100

92 57.9 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017424.D

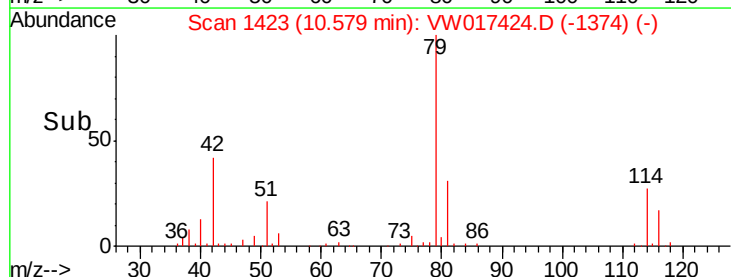
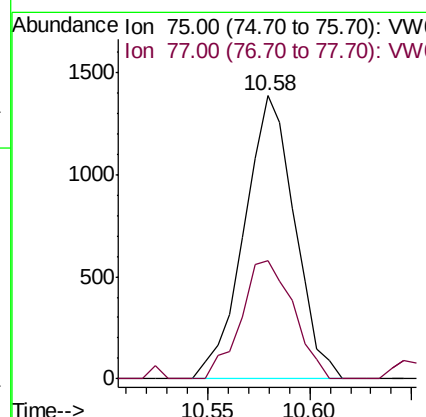
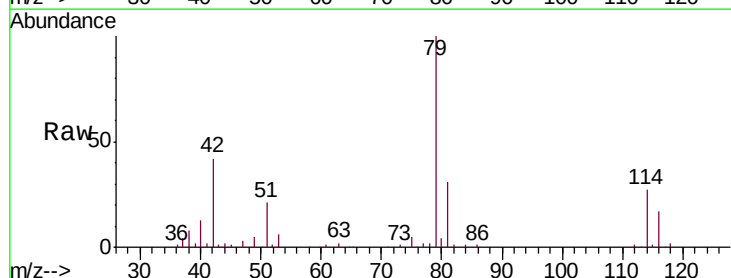
Acq: 20 Nov 2020 17:56

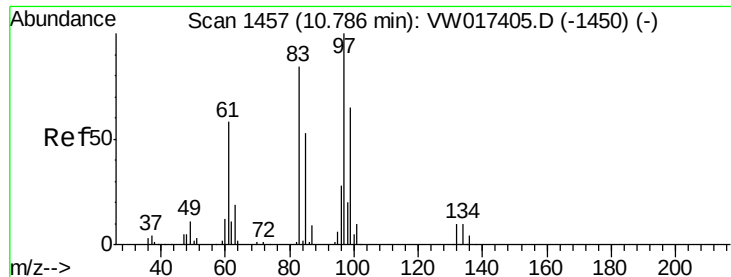
Tgt Ion: 75 Resp: 2389

Ion Ratio Lower Upper

75 100

77 41.9 22.0 40.8#

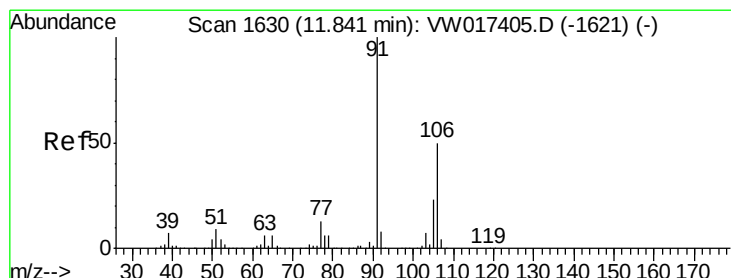
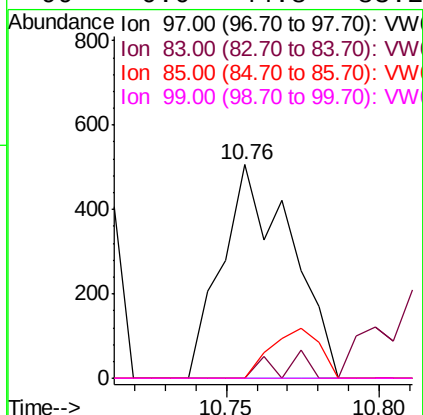
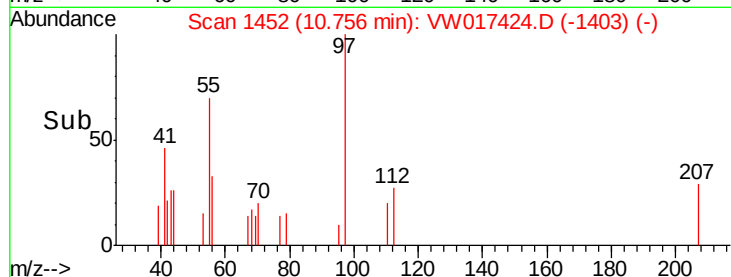
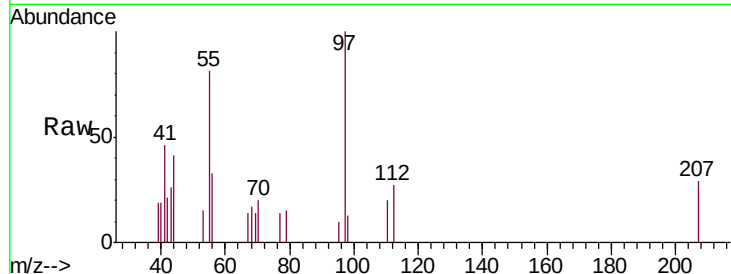




#46
 1,1,2-Trichloroethane
 Concen: 0.356 ug/L
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

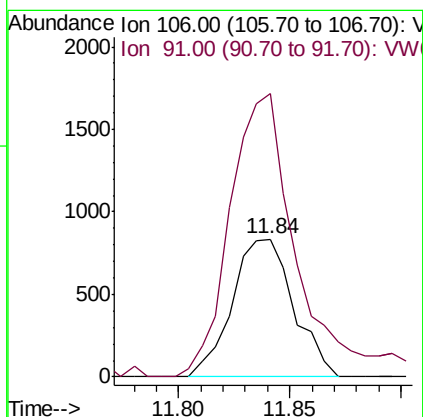
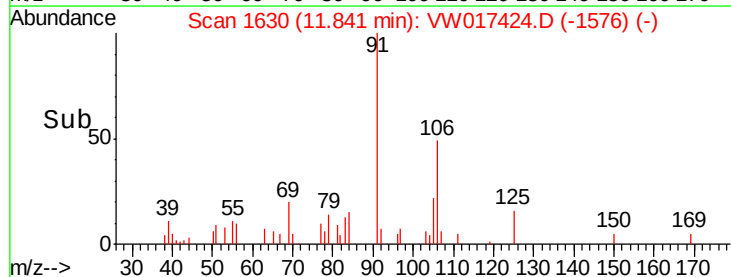
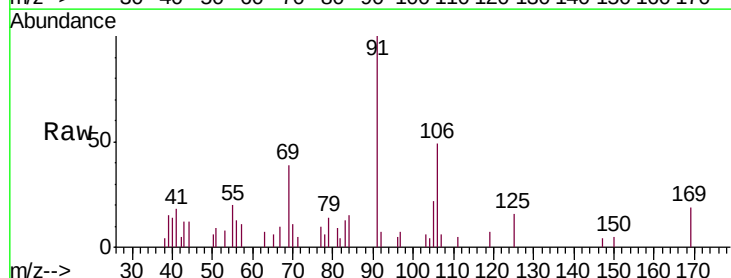
Instrument :
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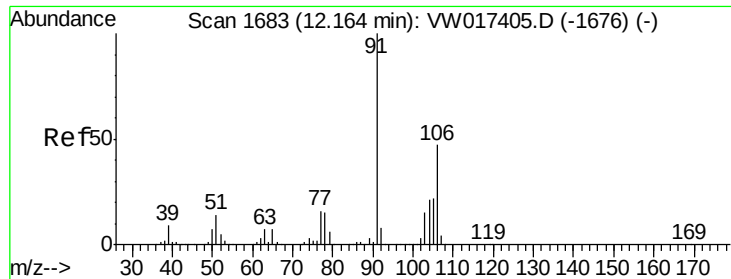
Tgt Ion: 97 Resp: 791
 Ion Ratio Lower Upper
 97 100
 83 0.0 56.6 105.2#
 85 0.0 37.7 69.9#
 99 0.0 44.8 83.2#



#54
 m,p-Xylene
 Concen: 0.269 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

Tgt Ion: 106 Resp: 1607
 Ion Ratio Lower Upper
 106 100
 91 205.6 126.9 235.7

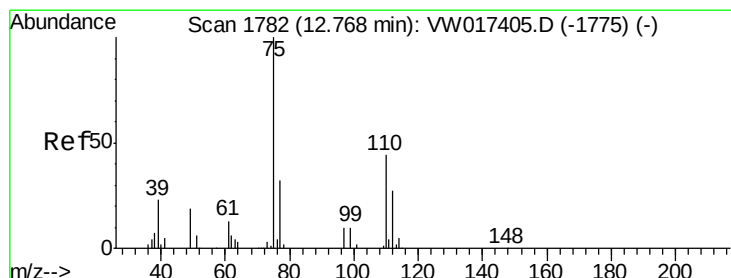
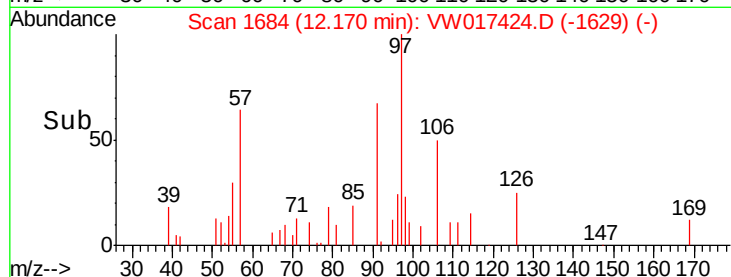
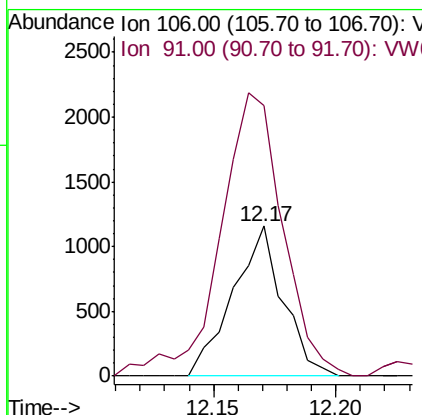
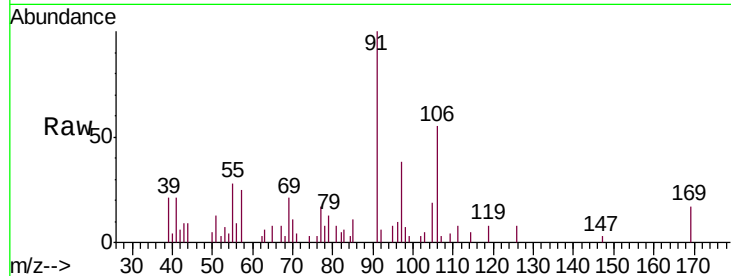




#55
o-xylene
Concen: 0.292 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW017424.D
Acq: 20 Nov 2020 17:56

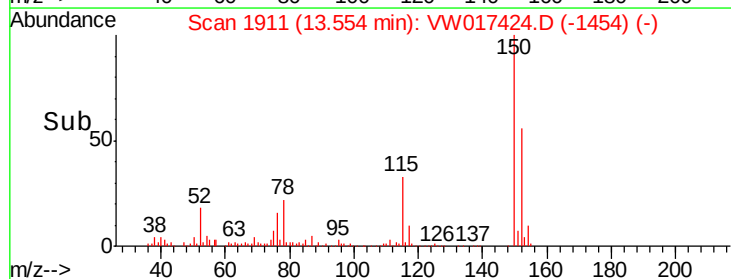
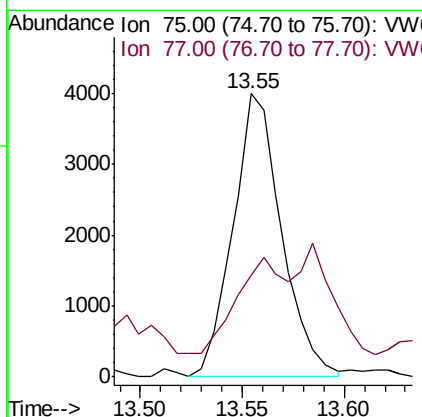
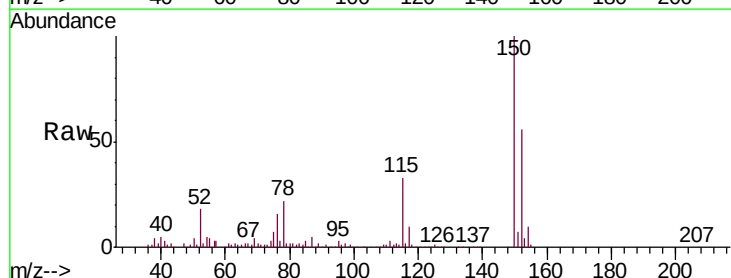
Instrument :
MSVOA_W
ClientSampled :
C0AD2

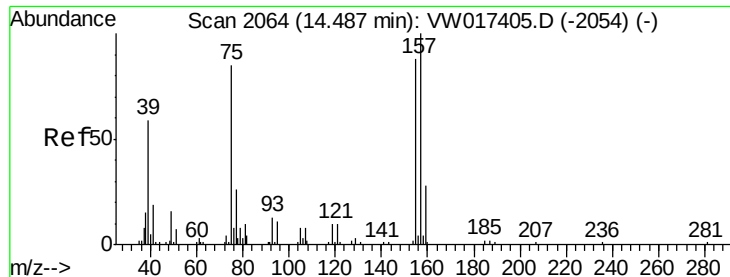
Tgt Ion: 106 Resp: 1655
Ion Ratio Lower Upper
106 100
91 180.8 139.5 259.1



#59
1,2,3-Trichloropropane
Concen: 3.797 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017424.D
Acq: 20 Nov 2020 17:56

Tgt Ion: 75 Resp: 6603
Ion Ratio Lower Upper
75 100
77 34.1 26.6 40.0

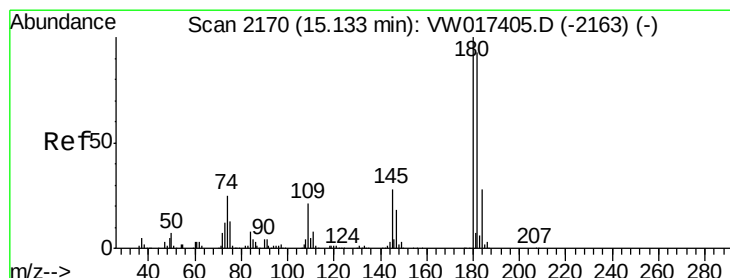
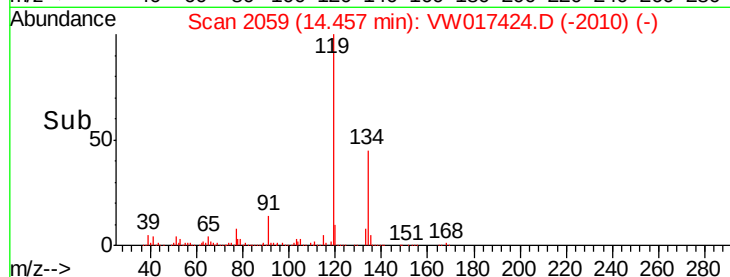
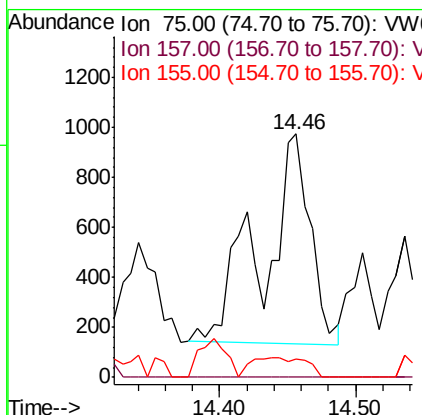
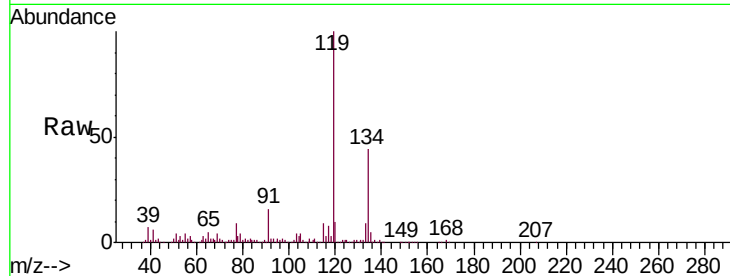




#66
 1,2-Dibromo-3-chloropropane
 Concen: 11.684 ug/L
 RT: 14.46 min Scan# 2059
 Delta R.T. -0.03 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

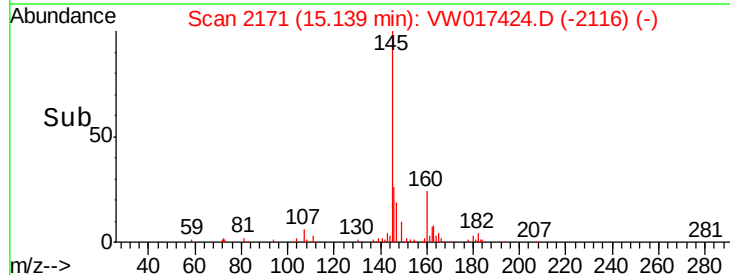
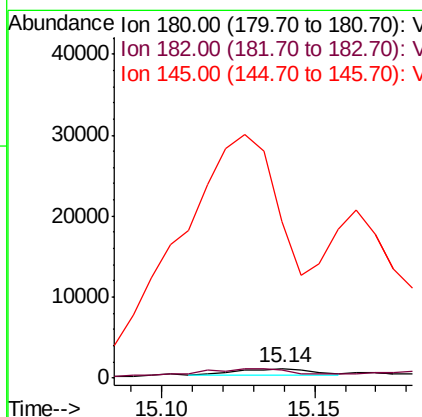
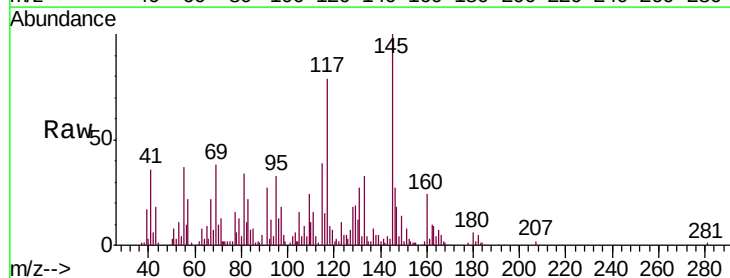
Instrument :
 MSVOA_W
 ClientSampled :
 C0AD2

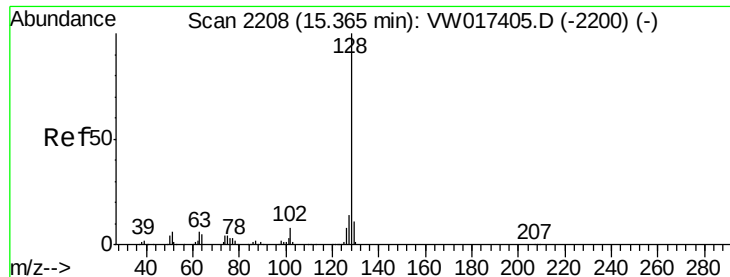
Tgt Ion: 75 Resp: 2043
 Ion Ratio Lower Upper
 75 100
 157 0.0 106.7 160.1#
 155 7.8 70.6 106.0#



#68
 1,2,4-trichlorobenzene
 Concen: 0.703 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW017424.D
 Acq: 20 Nov 2020 17:56

Tgt Ion: 180 Resp: 1417
 Ion Ratio Lower Upper
 180 100
 182 124.7 77.0 115.6#
 145 4988.8 22.9 34.3#





#69

Naphthalene

Concen: 12.752 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

Instrument :

MSVOA_W

ClientSampleId :

C0AD2

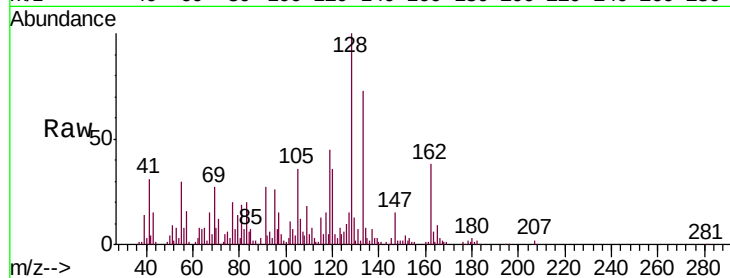
Tgt Ion:128 Resp: 36898

Ion Ratio Lower Upper

128 100

129 6.5 8.6 13.0#

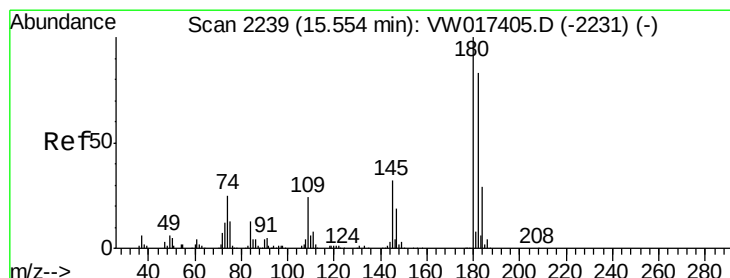
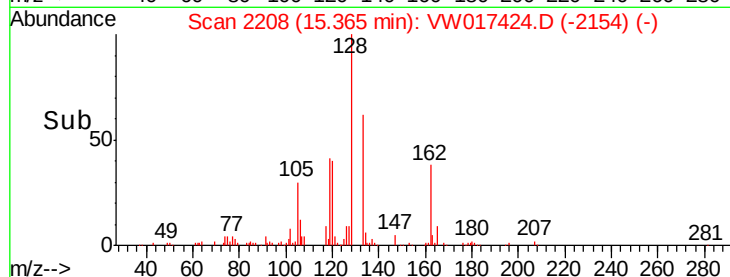
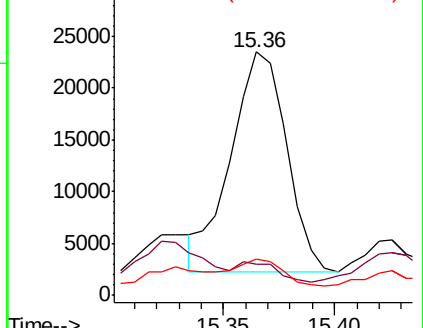
127 10.3 10.4 15.6#



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



#70

1,2,3-Trichlorobenzene

Concen: 1.045 ug/L

RT: 15.58 min Scan# 2244

Delta R.T. 0.03 min

Lab File: VW017424.D

Acq: 20 Nov 2020 17:56

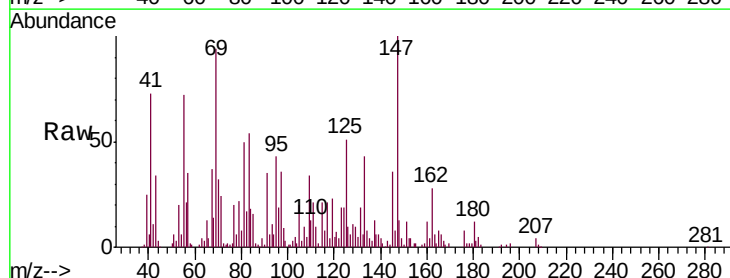
Tgt Ion:180 Resp: 1853

Ion Ratio Lower Upper

180 100

182 22.3 78.6 118.0#

145 0.0 25.4 38.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

