

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031584.D
 Acq On : 16 Jun 2023 18:37
 Operator : SY/MD
 Sample : 03249-20DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

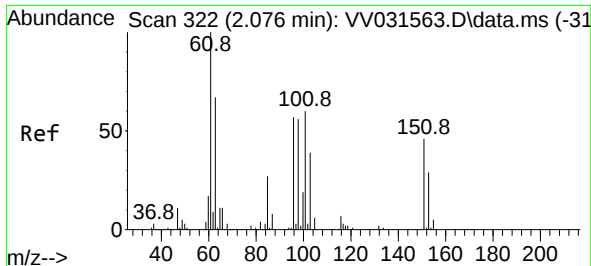
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW0DL

Quant Time: Jun 17 02:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	233983	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	237307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48057	30.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.720%
7) Chloroethane-d5	1.539	69	46399	34.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.300%#
11) 1,1-Dichloroethene-d2	2.066	65	26297	32.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.540%
21) 2-Butanone-d5	3.802	46	97584	77.390	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.390%
24) Chloroform-d	4.259	84	148414	38.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.120%
26) 1,2-Dichloroethane-d4	4.950	65	101215	41.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.960%
32) Benzene-d6	4.969	84	254711	38.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.260%
36) 1,2-Dichloropropane-d6	5.995	67	94653	39.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.960%
41) Toluene-d8	7.249	98	213259	34.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.580%#
43) trans-1,3-Dichloroprop...	7.558	79	42045	36.430	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.860%
47) 2-Hexanone-d5	8.034	63	75598	80.874	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.870%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	144396	40.408	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.820%
66) 1,2-Dichlorobenzene-d4	11.567	152	99317	45.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	34757	20.076	ug/L #	80
16) Methylene chloride	2.462	84	4042	1.862	ug/L	72
17) trans-1,2-Dichloroethene	2.709	96	1360	0.753	ug/L	74
19) 1,1-Dichloroethane	3.121	63	97035	24.878	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	22398	11.468	ug/L	98
25) Chloroform	4.291	83	9995	2.465	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	251956	66.222	ug/L	98
31) Carbon tetrachloride	4.523	117	29461	8.739	ug/L	95
34) Trichloroethene	5.844	95	19675	9.319	ug/L	92
35) Methylcyclohexane	5.995	83	23831	7.661	ug/L #	16
39) cis-1,3-Dichloropropene	6.921	75	2448	0.711	ug/L #	58
46) Tetrachloroethene	7.911	164	23940	14.448	ug/L	95
49) Dibromochloromethane	7.911	129	22026	9.043	ug/L #	9

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



#12

1,1-Dichloroethene

Concen: 20.076 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031584.D

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EXYW0DL

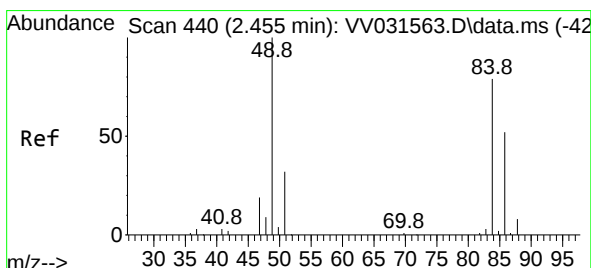
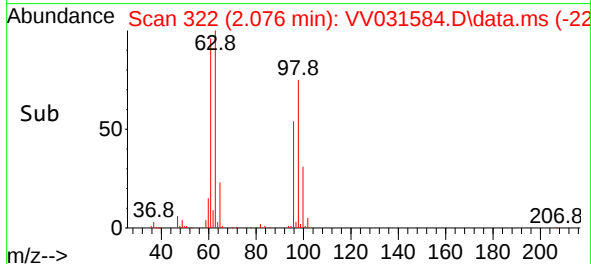
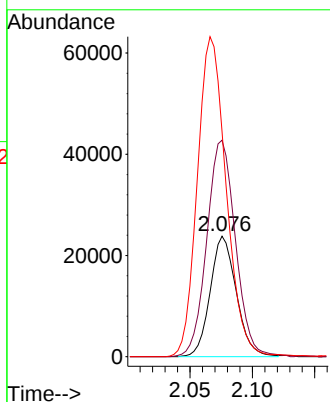
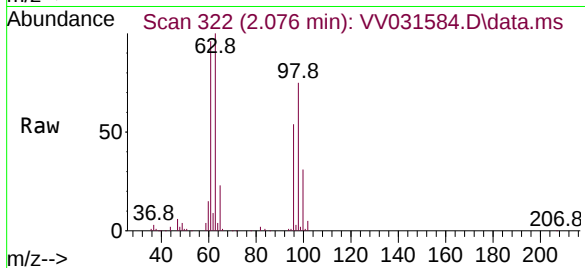
Tgt Ion: 96 Resp: 34757

Ion Ratio Lower Upper

96 100

61 179.5 128.9 239.5

63 186.8 95.3 177.1#



#16

Methylene chloride

Concen: 1.862 ug/L

RT: 2.462 min Scan# 442

Delta R.T. 0.006 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

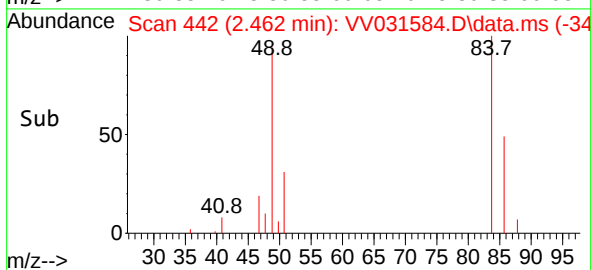
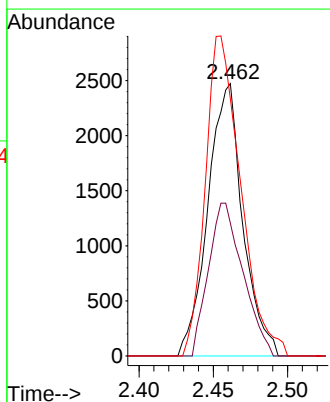
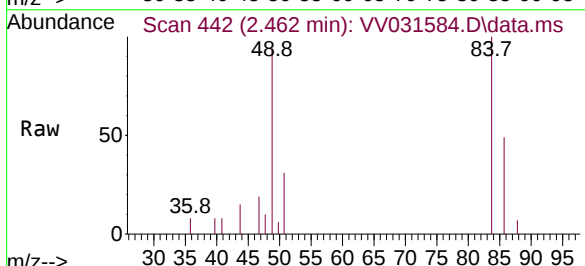
Tgt Ion: 84 Resp: 4042

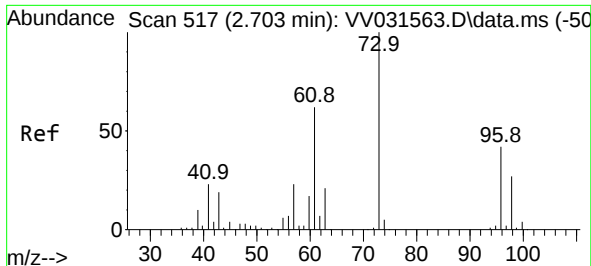
Ion Ratio Lower Upper

84 100

86 48.7 45.8 85.0

49 94.4 92.1 171.1





#17

trans-1,2-Dichloroethene

Concen: 0.753 ug/L

RT: 2.709 min Scan# 517

Delta R.T. 0.006 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

EXYW0DL

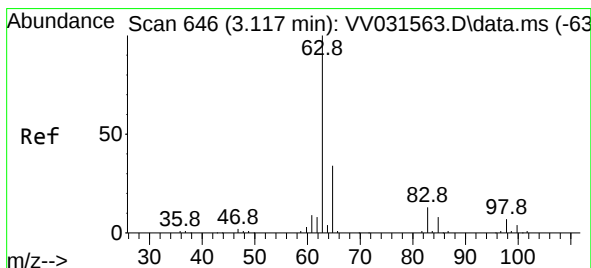
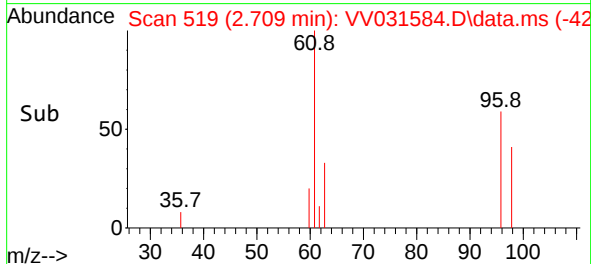
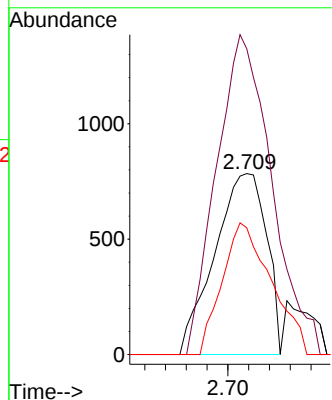
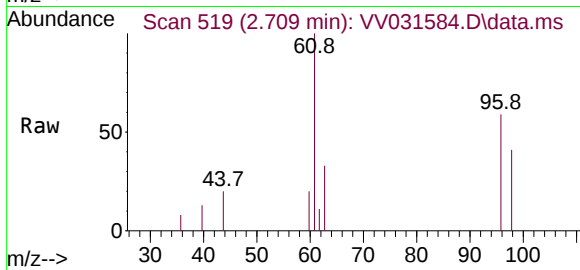
Tgt Ion: 96 Resp: 1360

Ion Ratio Lower Upper

96 100

61 187.4 102.5 190.3

98 70.0 44.1 81.9



#19

1,1-Dichloroethane

Concen: 24.878 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

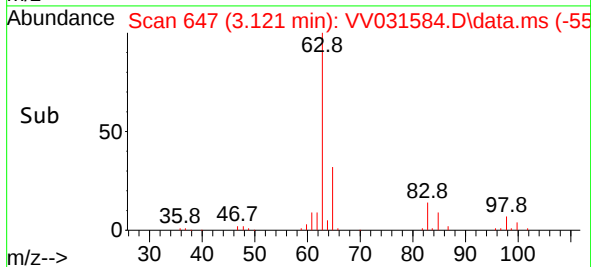
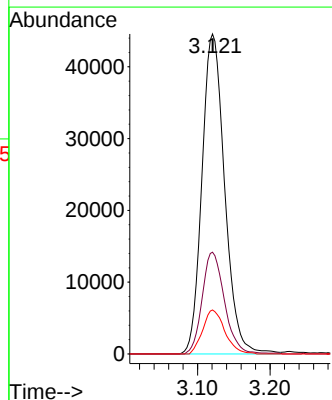
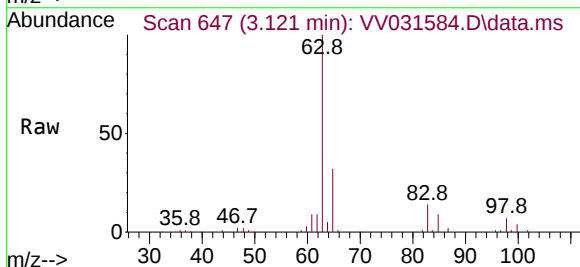
Tgt Ion: 63 Resp: 97035

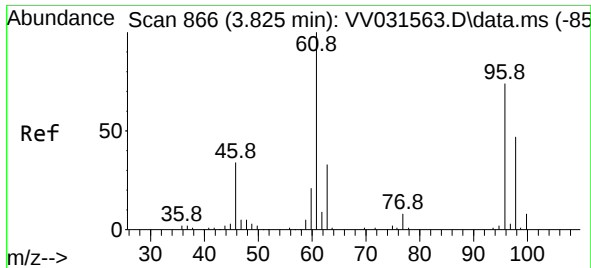
Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 14.5 10.0 18.6

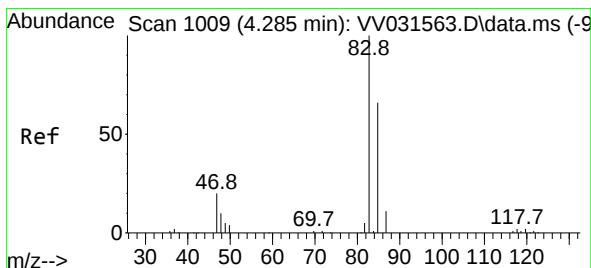
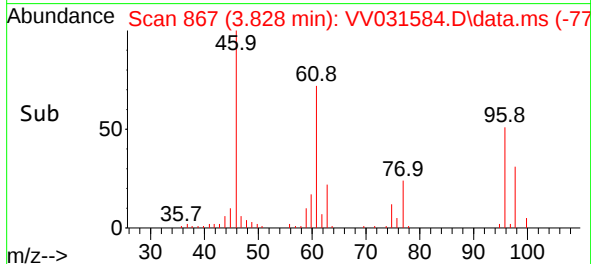
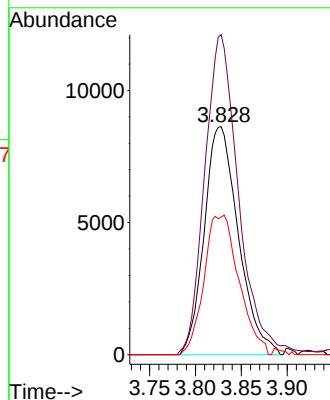
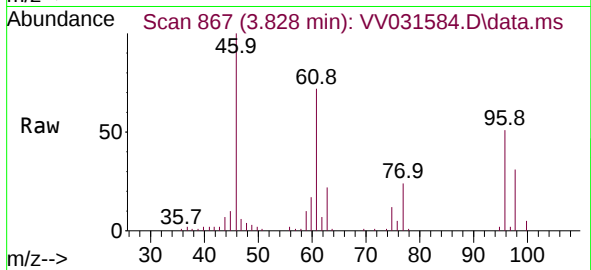




#20
cis-1,2-Dichloroethene
Concen: 11.468 ug/L
RT: 3.828 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV031584.D
Acq: 16 Jun 2023 18:37

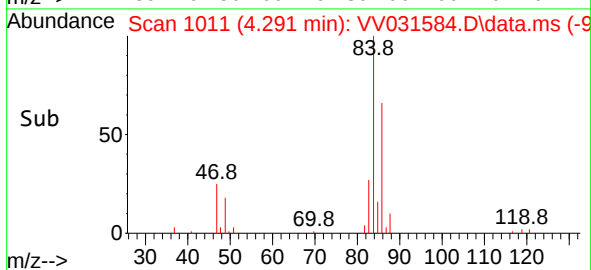
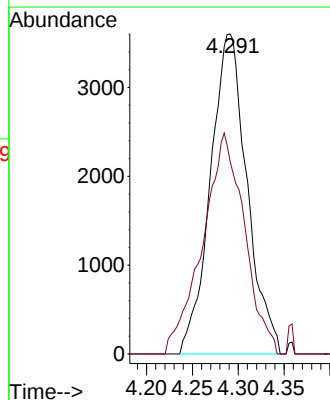
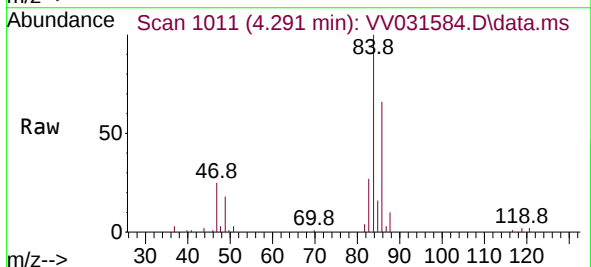
Instrument :
MSVOA_V
ClientSampleId :
EXYW0DL

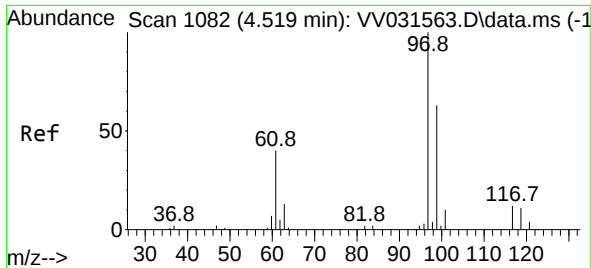
Tgt Ion: 96 Resp: 22398
Ion Ratio Lower Upper
96 100
61 140.3 98.6 183.0
98 60.3 45.7 84.9



#25
Chloroform
Concen: 2.465 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VV031584.D
Acq: 16 Jun 2023 18:37

Tgt Ion: 83 Resp: 9995
Ion Ratio Lower Upper
83 100
85 60.2 45.3 84.1

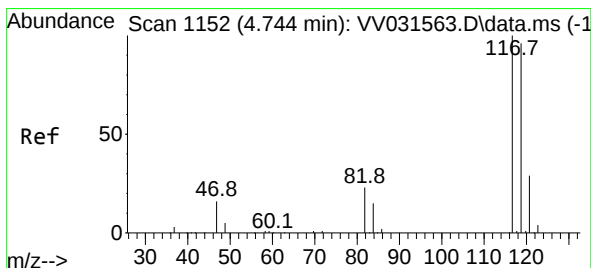
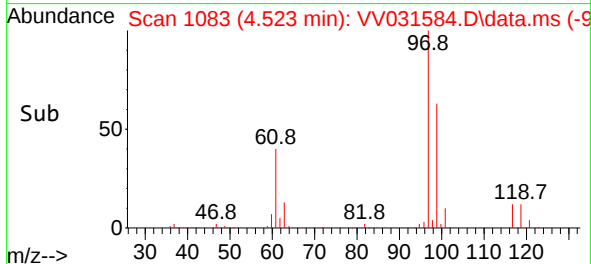
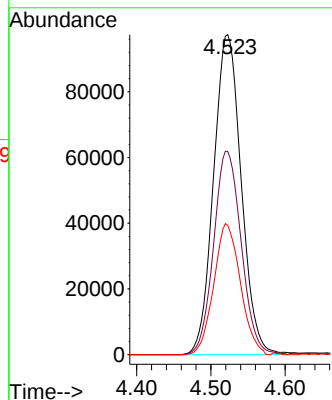
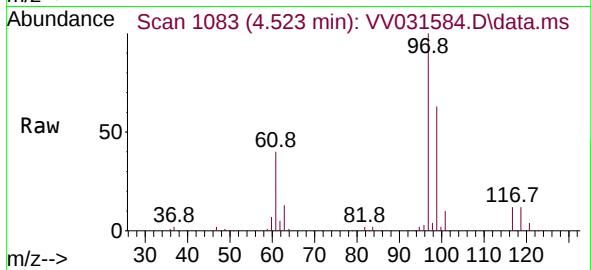




#30
1,1,1-Trichloroethane
Concen: 66.222 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV031584.D
Acq: 16 Jun 2023 18:37

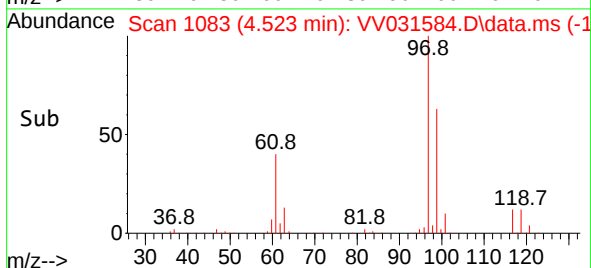
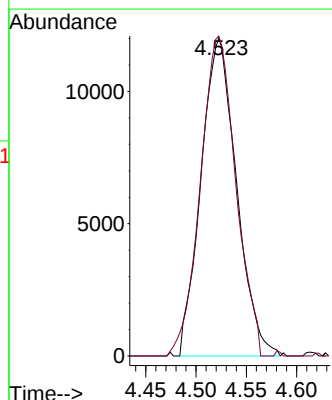
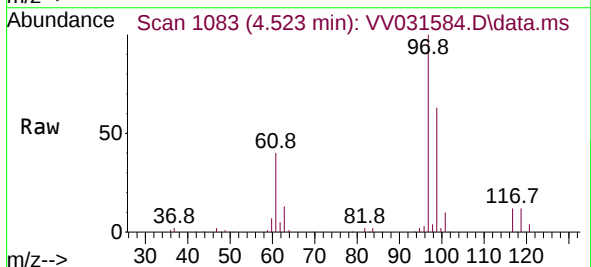
Instrument :
MSVOA_V
ClientSampleId :
EXYW0DL

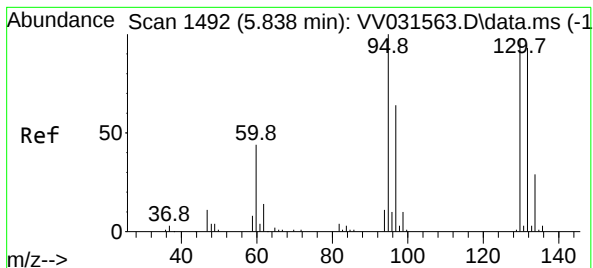
Tgt Ion: 97 Resp: 251956
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 39.4 33.0 49.6



#31
Carbon tetrachloride
Concen: 8.739 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV031584.D
Acq: 16 Jun 2023 18:37

Tgt Ion: 117 Resp: 29461
Ion Ratio Lower Upper
117 100
119 100.5 76.2 114.4





#34

Trichloroethene

Concen: 9.319 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

EXYW0DL

Tgt Ion: 95 Resp: 19675

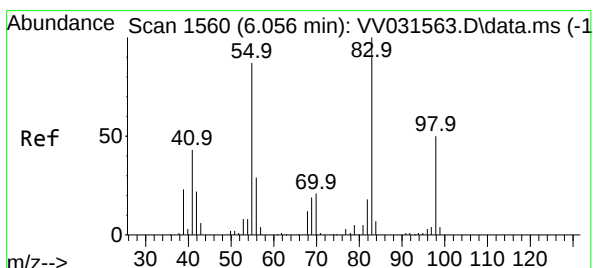
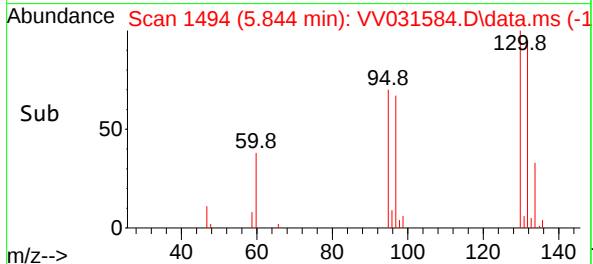
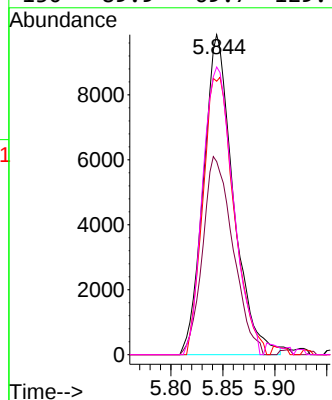
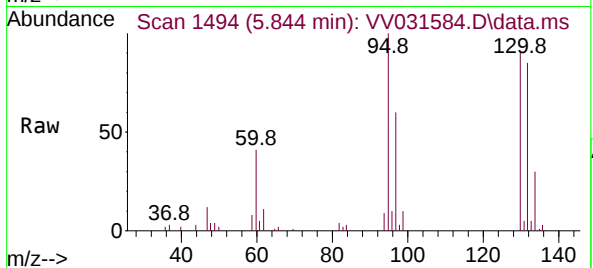
Ion Ratio Lower Upper

95 100

97 60.4 46.8 86.8

132 90.0 66.4 123.2

130 89.9 69.7 129.4



#35

Methylcyclohexane

Concen: 7.661 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

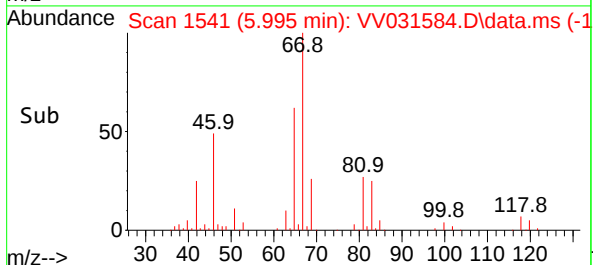
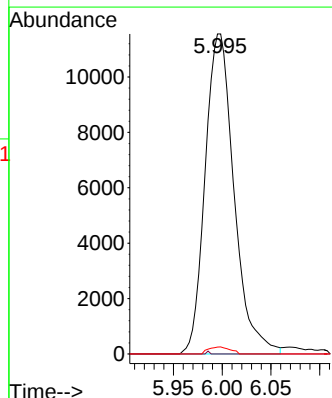
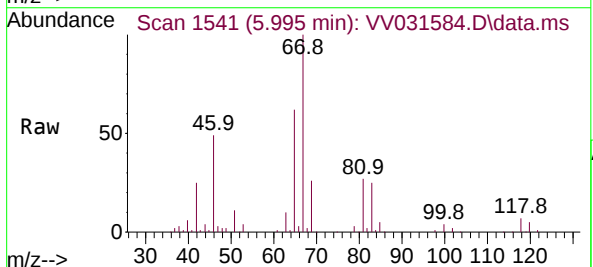
Tgt Ion: 83 Resp: 23831

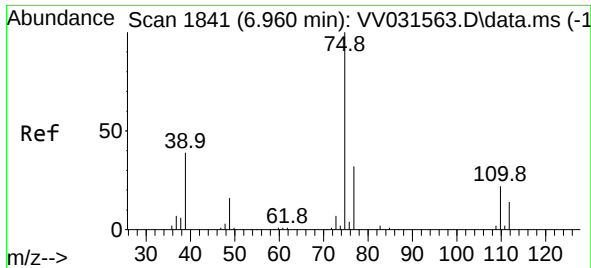
Ion Ratio Lower Upper

83 100

55 0.0 68.7 103.1#

98 1.7 37.0 55.4#





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

Instrument :

MSVOA_V

ClientSampleId :

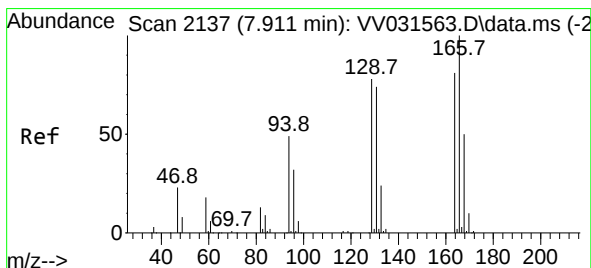
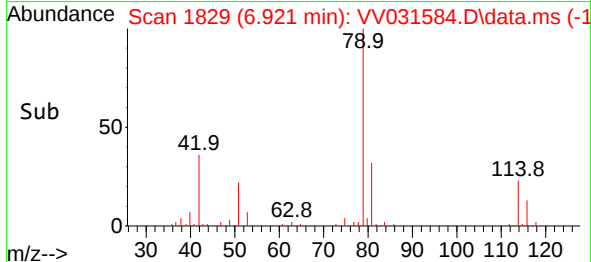
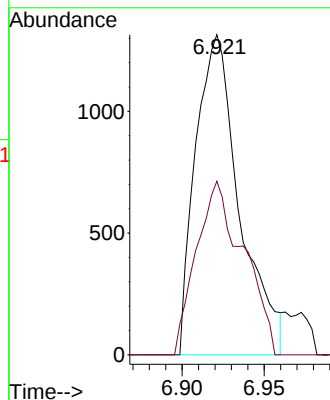
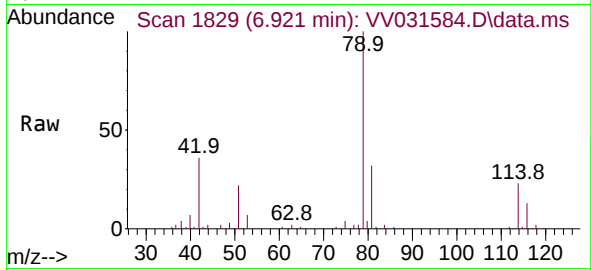
EXYW0DL

Tgt Ion: 75 Resp: 2448

Ion Ratio Lower Upper

75 100

77 54.2 21.8 40.6#



#46

Tetrachloroethene

Concen: 14.448 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV031584.D

Acq: 16 Jun 2023 18:37

Tgt Ion:164 Resp: 23940

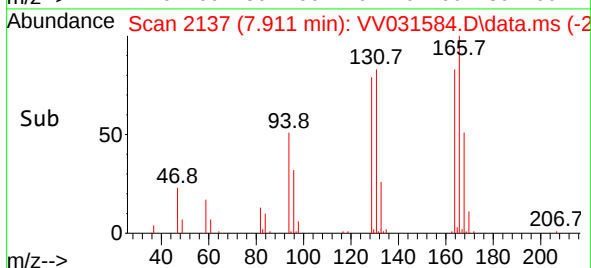
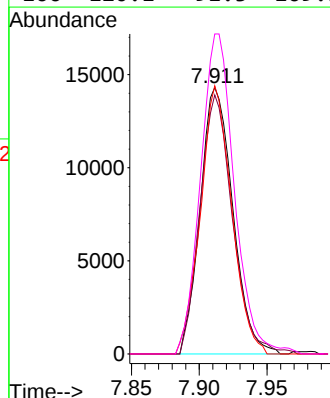
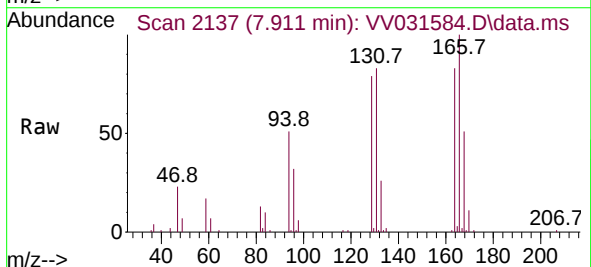
Ion Ratio Lower Upper

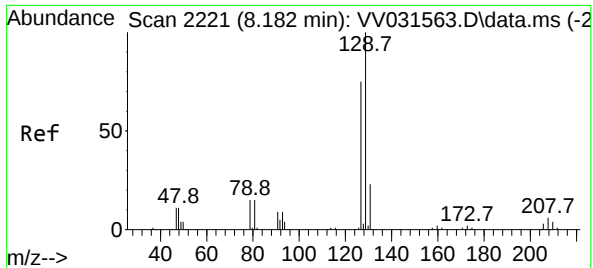
164 100

129 97.2 68.4 127.0

131 100.7 67.6 125.6

166 120.1 91.3 169.5





#49
 Dibromochloromethane
 Concen: 9.043 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. -0.270 min
 Lab File: VV031584.D
 Acq: 16 Jun 2023 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW0DL

Tgt Ion:129 Resp: 22026
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.8 103.6#

