

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034297.D
 Acq On : 21 Feb 2024 02:42
 Operator : SY/MD
 Sample : P1511-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 04:51:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

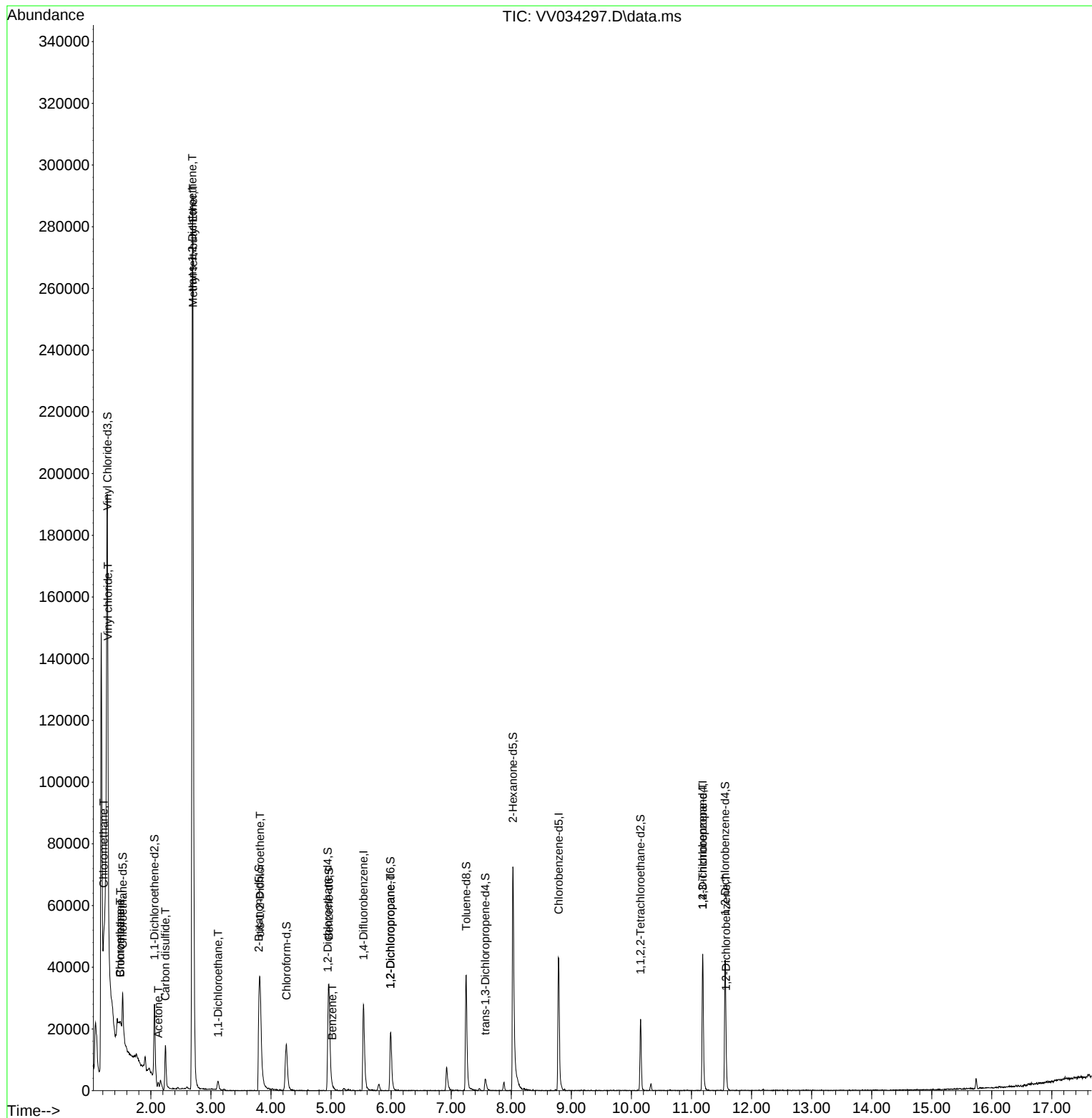
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	26568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	24414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	12058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	10617	5.160	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.532	69	7392	4.101	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 82.000%		
11) 1,1-Dichloroethene-d2	2.060	65	4119	4.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 83.000%		
20) 2-Butanone-d5	3.799	46	34659	100.294	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 200.580%#		
24) Chloroform-d	4.256	84	16941	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.600%		
26) 1,2-Dichloroethane-d4	4.947	65	10999	6.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 125.800%		
32) Benzene-d6	4.963	84	30282	4.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 82.600%		
36) 1,2-Dichloropropane-d6	5.989	67	9209	4.498	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.000%		
41) Toluene-d8	7.249	98	27990	4.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.200%		
43) trans-1,3-Dichloroprop...	7.567	79	3443	4.453	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.000%		
46) 2-Hexanone-d5	8.027	63	26146	94.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 189.460%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	10487	8.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 169.000%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	11530	5.258	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2892	1.089	ug/L #	73
5) Vinyl chloride	1.285	62	12975	5.113	ug/L #	1
6) Bromomethane	1.490	94	220	0.165	ug/L #	70
8) Chloroethane	1.487	64	7453	4.305	ug/L #	54
13) Acetone	2.124	43	1543	5.886	ug/L #	75
14) Carbon disulfide	2.243	76	19166	3.192	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	55333	14.510	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	88186	46.649	ug/L	98
19) 1,1-Dichloroethane	3.121	63	2971	0.855	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	14305	6.670	ug/L	95
33) Benzene	5.021	78	1138	0.155	ug/L	100
37) 1,2-Dichloropropane	5.989	63	1205	0.679	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	1266	1.527	ug/L #	56
67) 1,2-Dichlorobenzene	11.577	146	849	0.254	ug/L #	88

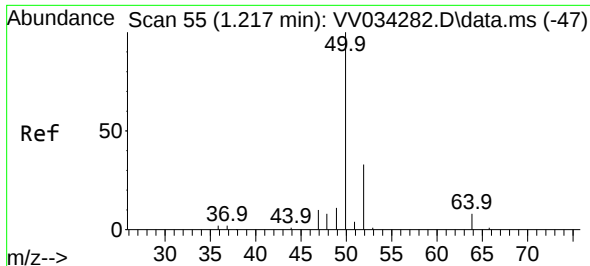
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
Data File : VV034297.D
Acq On : 21 Feb 2024 02:42
Operator : SY/MD
Sample : P1511-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

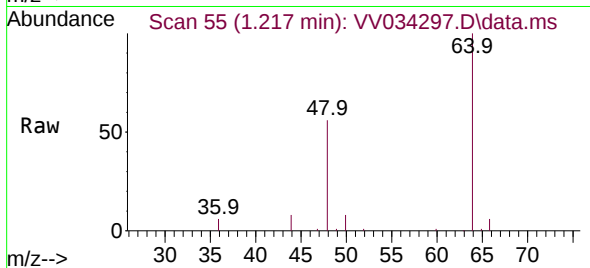
Quant Time: Feb 21 04:51:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration



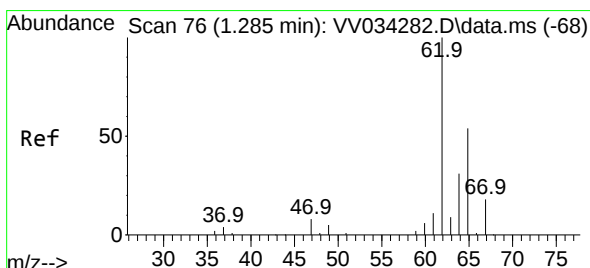
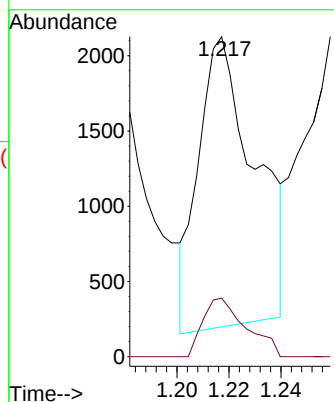
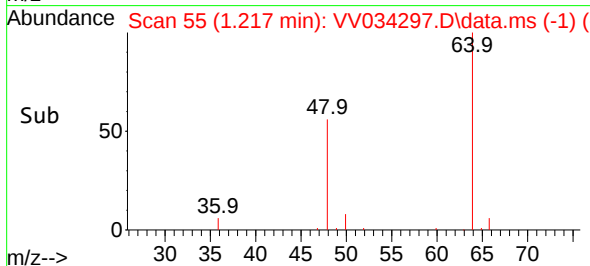


#3
Chloromethane
Concen: 1.089 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

Instrument :
MSVOA_V
ClientSampleId :

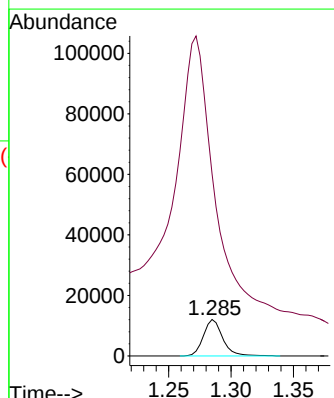
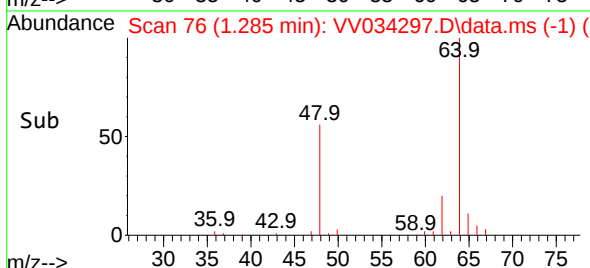
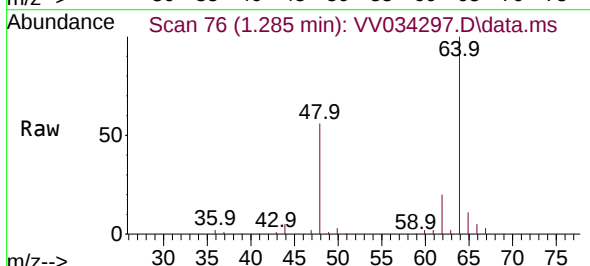


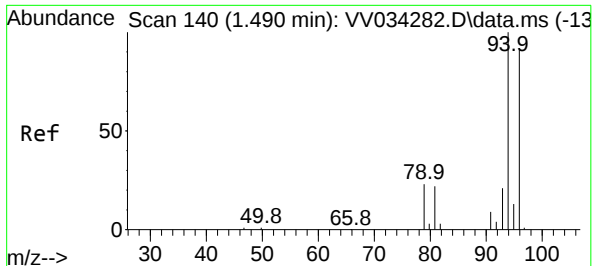
Tgt Ion: 50 Resp: 2892
Ion Ratio Lower Upper
50 100
52 18.3 23.4 43.4#



#5
Vinyl chloride
Concen: 5.113 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

Tgt Ion: 62 Resp: 12975
Ion Ratio Lower Upper
62 100
64 500.3 27.2 50.4#





#6

Bromomethane

Concen: 0.165 ug/L

RT: 1.490 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

Instrument :

MSVOA_V

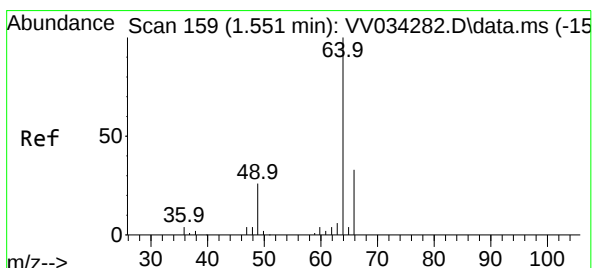
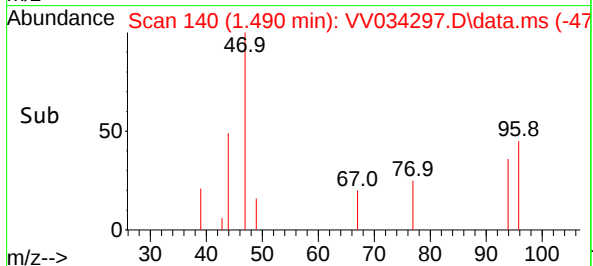
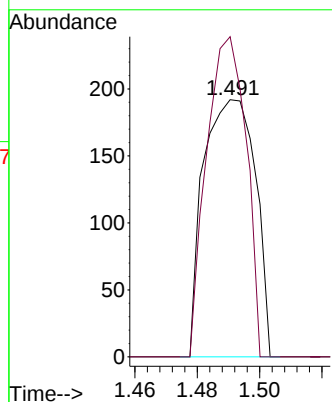
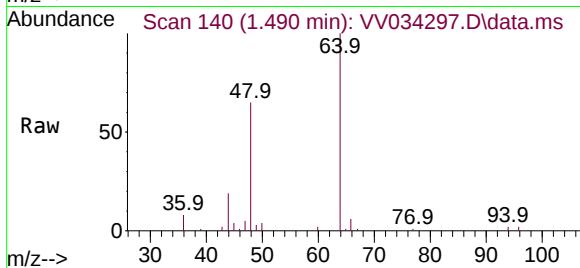
ClientSampleId :

Tgt Ion: 94 Resp: 220

Ion Ratio Lower Upper

94 100

96 124.5 66.6 123.8#



#8

Chloroethane

Concen: 4.305 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.064 min

Lab File: VV034297.D

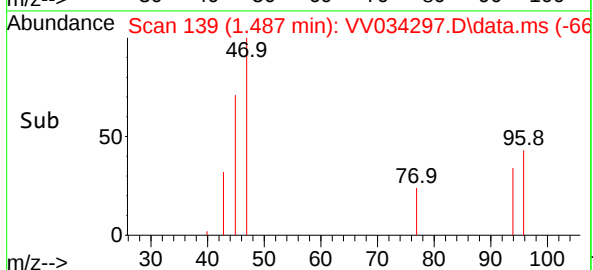
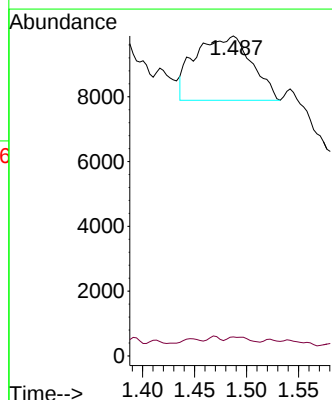
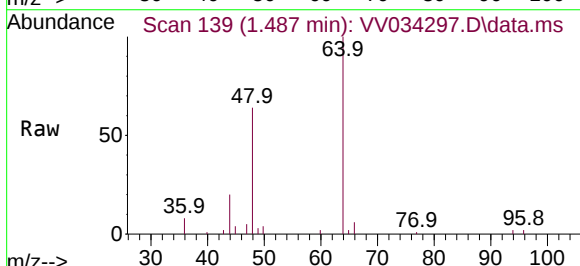
Acq: 21 Feb 2024 02:42

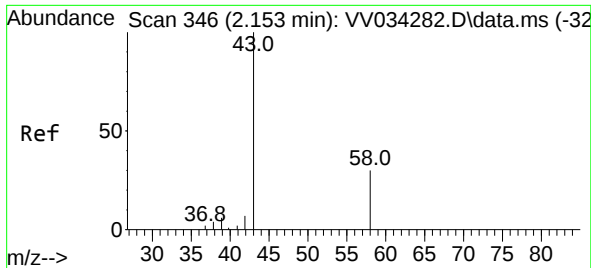
Tgt Ion: 64 Resp: 7453

Ion Ratio Lower Upper

64 100

66 6.0 22.0 41.0#





#13

Acetone

Concen: 5.886 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

Instrument :

MSVOA_V

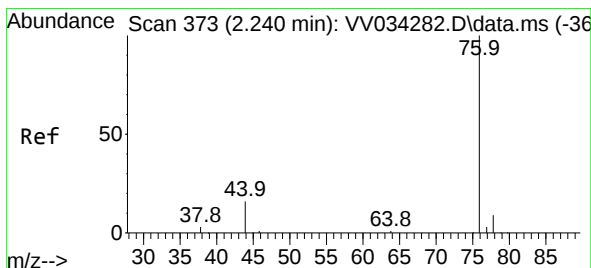
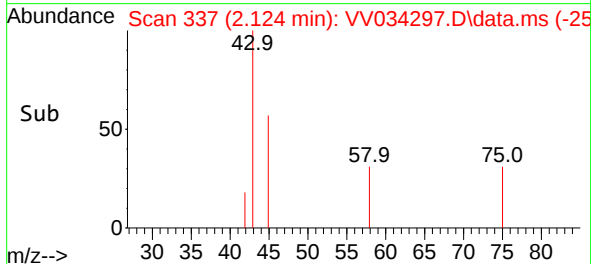
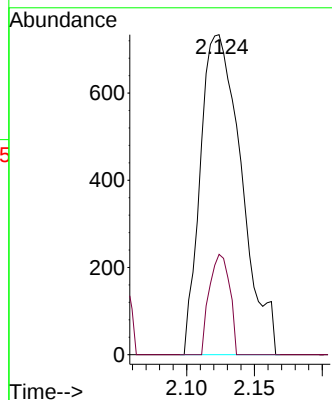
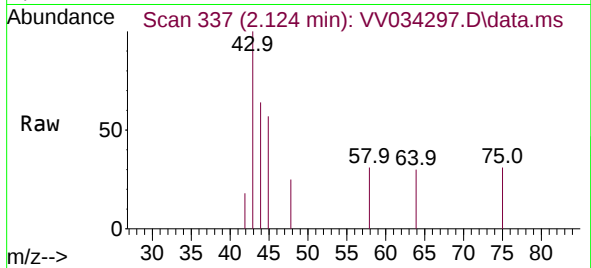
ClientSampleId :

Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 15.4 0.0 13.8#



#14

Carbon disulfide

Concen: 3.192 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034297.D

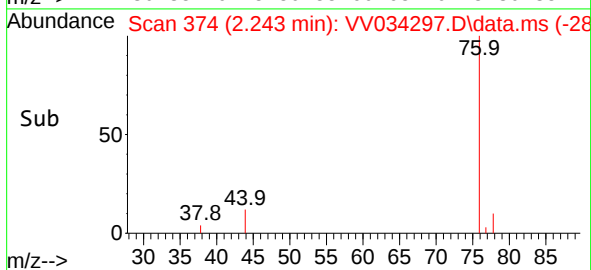
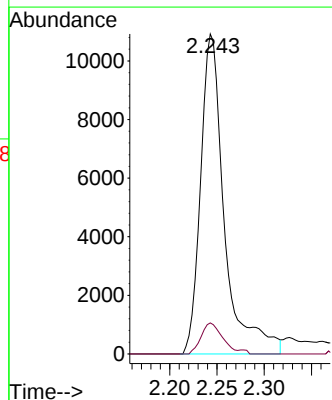
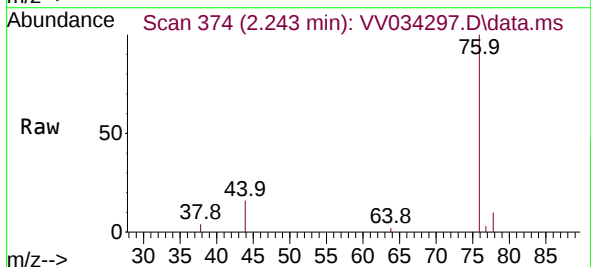
Acq: 21 Feb 2024 02:42

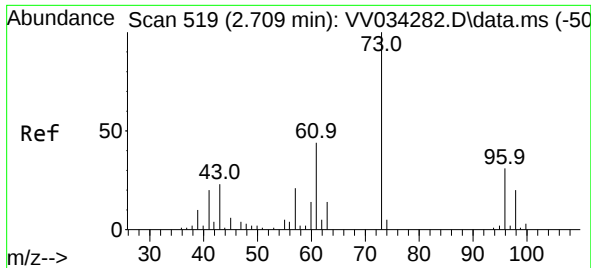
Tgt Ion: 76 Resp: 19166

Ion Ratio Lower Upper

76 100

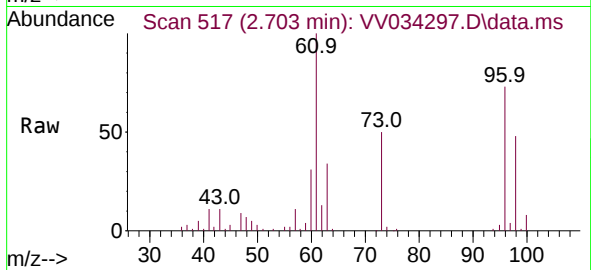
78 9.7 7.5 11.3



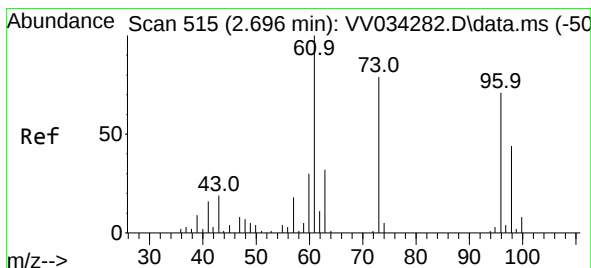
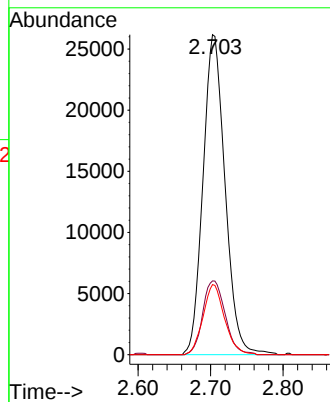
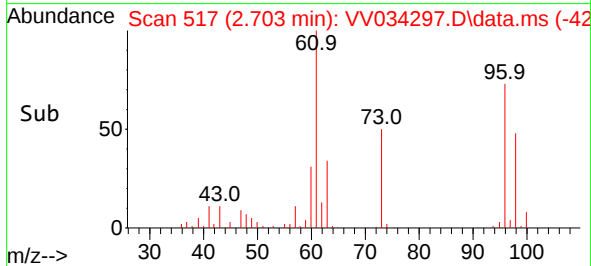


#17
Methyl tert-butyl Ether
Concen: 14.510 ug/L
RT: 2.703 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

Instrument :
MSVOA_V
ClientSampleId :

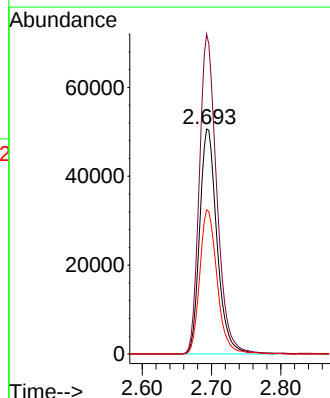
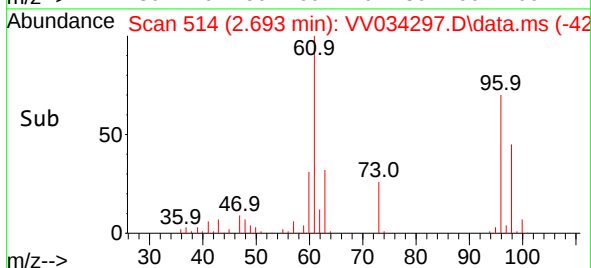
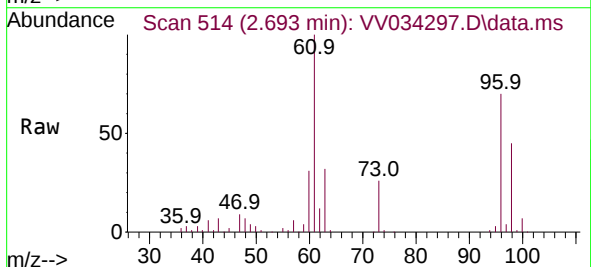


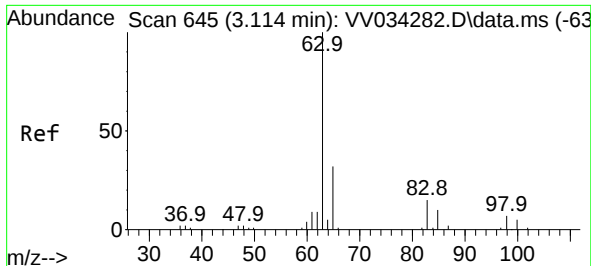
Tgt Ion: 73 Resp: 55333
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 21.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 46.649 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

Tgt Ion: 96 Resp: 88186
Ion Ratio Lower Upper
96 100
61 142.2 97.6 181.4
98 64.0 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.855 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

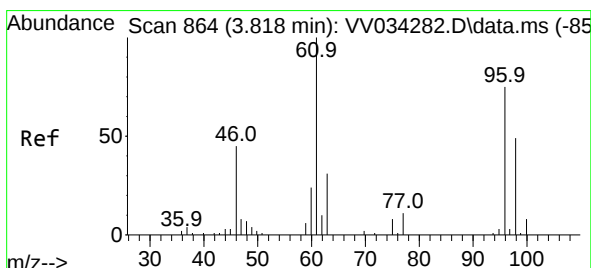
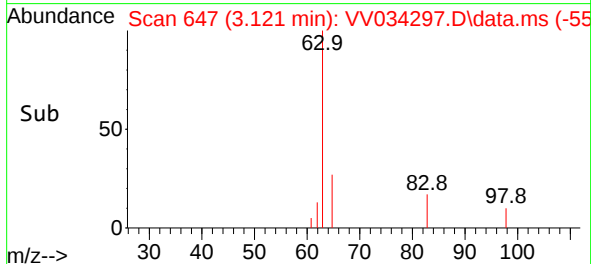
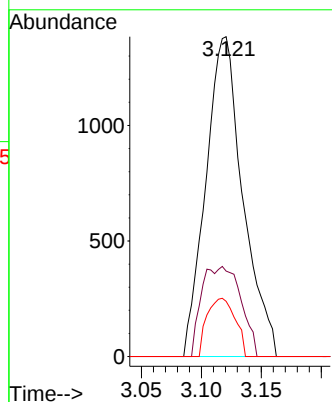
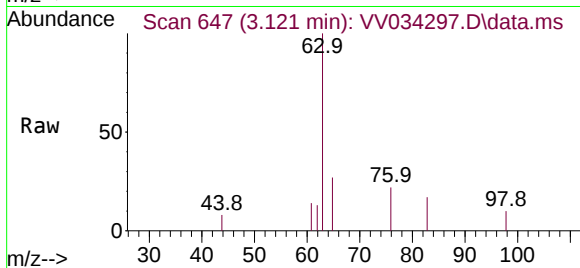
Tgt Ion: 63 Resp: 2971

Ion Ratio Lower Upper

63 100

65 26.7 20.8 38.6

83 17.3 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 6.670 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

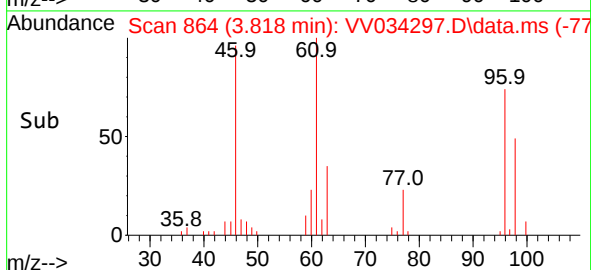
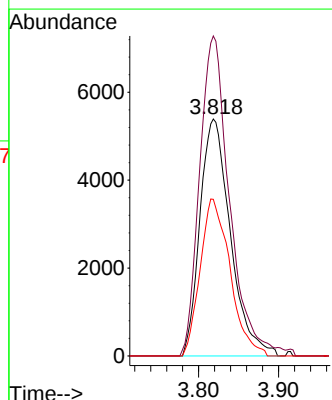
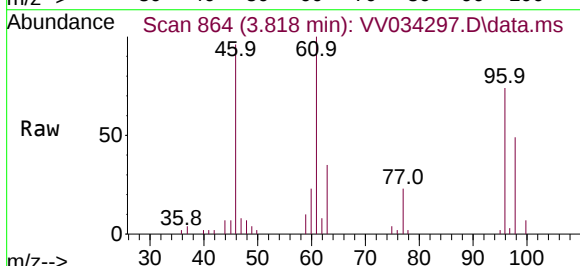
Tgt Ion: 96 Resp: 14305

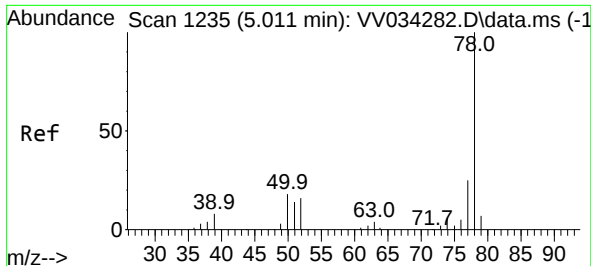
Ion Ratio Lower Upper

96 100

61 135.0 90.3 167.7

98 66.1 43.2 80.2

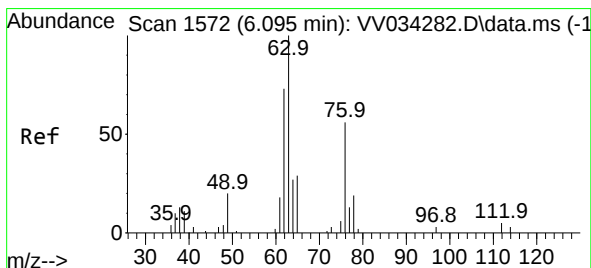
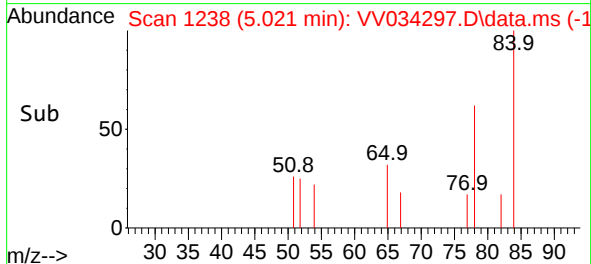
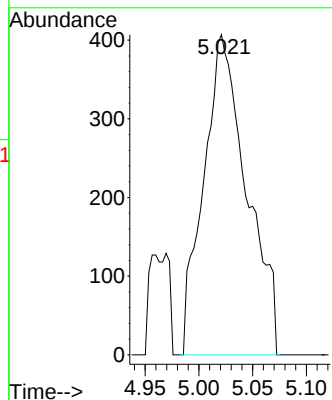
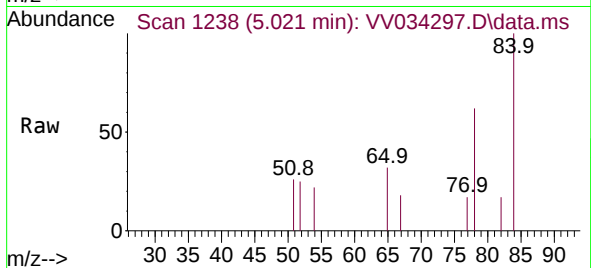




#33
Benzene
Concen: 0.155 ug/L
RT: 5.021 min Scan# 1138
Delta R.T. 0.010 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

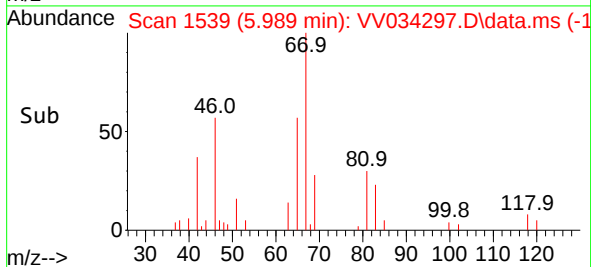
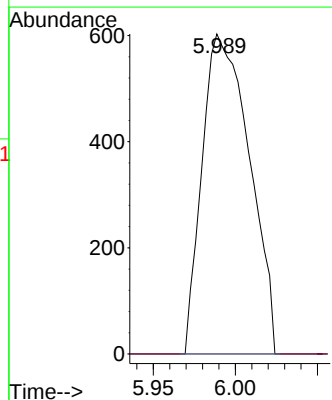
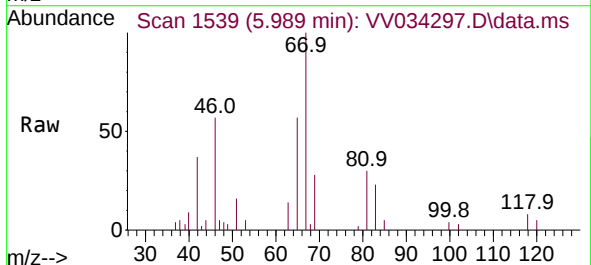
Instrument :
MSVOA_V
ClientSampleId :

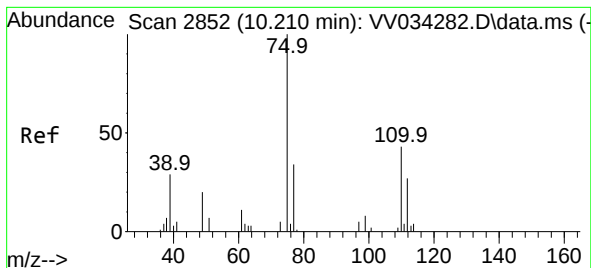
Tgt Ion: 78 Resp: 1138



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV034297.D
Acq: 21 Feb 2024 02:42

Tgt Ion: 63 Resp: 1205
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 1.527 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.978 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

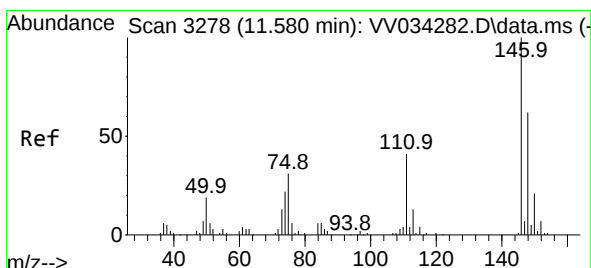
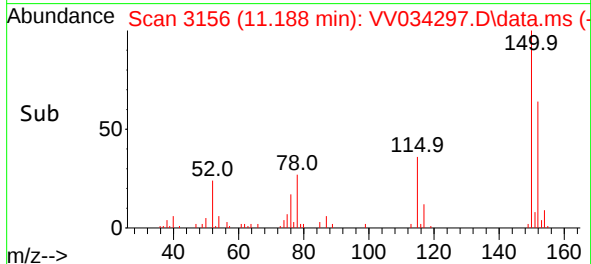
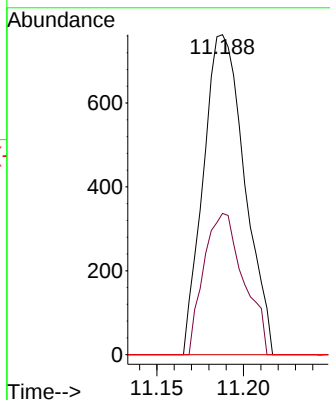
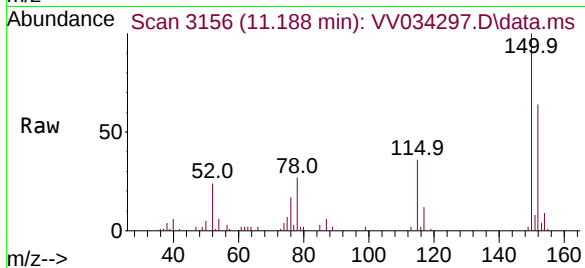
Tgt Ion: 75 Resp: 1266

Ion Ratio Lower Upper

75 100

77 42.6 26.9 40.3#

110 0.0 33.3 49.9#



#67

1,2-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV034297.D

Acq: 21 Feb 2024 02:42

Tgt Ion:146 Resp: 849

Ion Ratio Lower Upper

146 100

111 48.9 31.2 46.8#

148 54.6 49.8 74.8

