

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026377.D
 Acq On : 17 Jun 2022 13:27
 Operator : SY/MD
 Sample : N3318-13DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

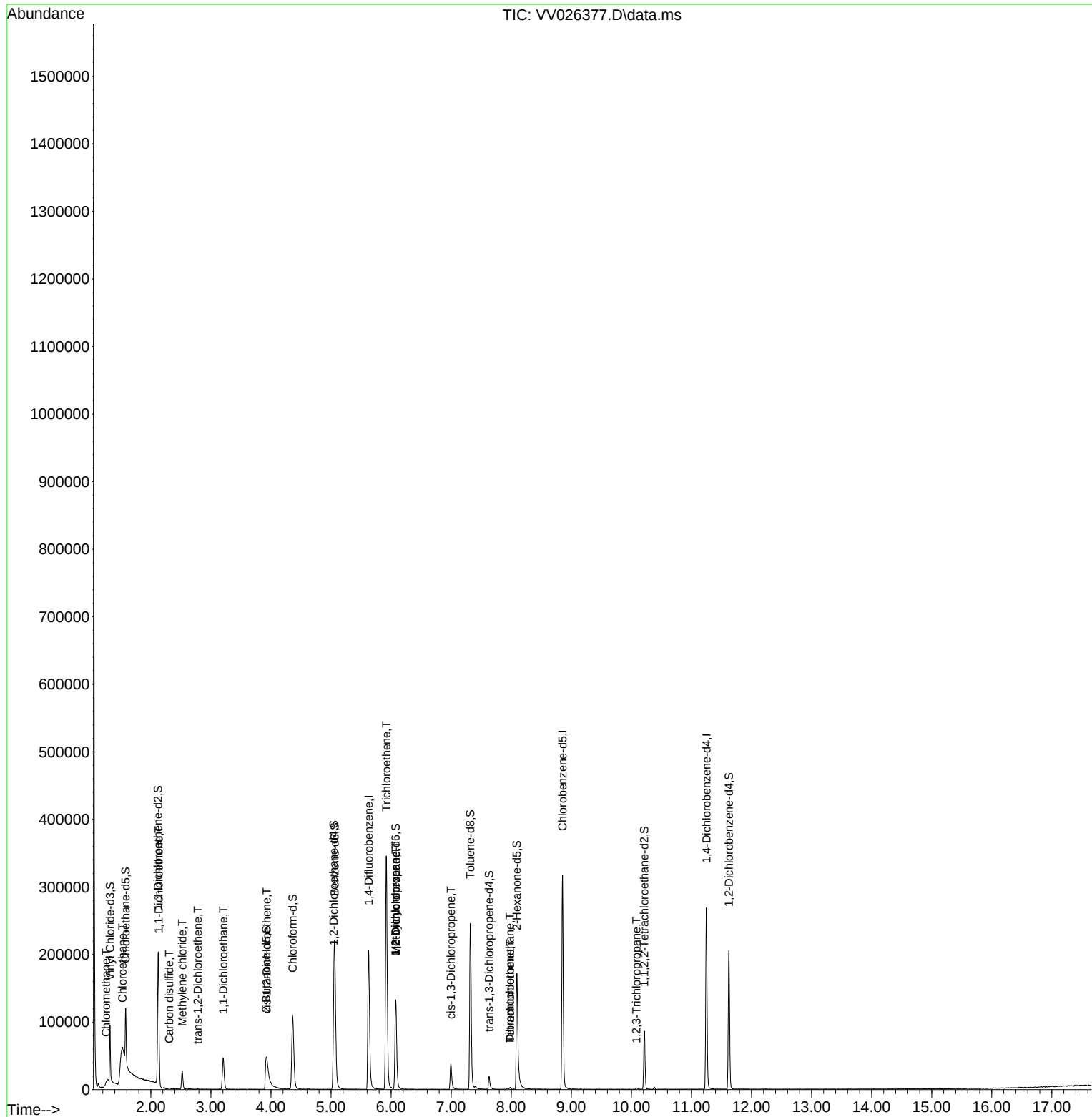
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	55950	3.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.580	69	51112	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.121	63	93999	3.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.921	46	86939	55.007	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.020%
24) Chloroform-d	4.362	84	114135	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.043	65	48093	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.059	84	209746	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.075	67	68499	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.320	98	172257	3.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.632	79	12883	2.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.200%
46) 2-Hexanone-d5	8.091	63	60746	43.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42652	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54905	4.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	939	0.061	ug/L	86
8) Chloroethane	1.526	64	252797	25.297	ug/L #	48
12) 1,1-Dichloroethene	2.130	96	22191	1.883	ug/L #	34
14) Carbon disulfide	2.307	76	1665	0.057	ug/L #	74
16) Methylene chloride	2.523	84	12124	0.807	ug/L	95
18) trans-1,2-Dichloroethene	2.783	96	465	0.041	ug/L #	67
19) 1,1-Dichloroethane	3.204	63	47358	2.173	ug/L	99
22) cis-1,2-Dichloroethene	3.931	96	7655	0.662	ug/L	100
34) Trichloroethene	5.921	95	122841	9.702	ug/L	98
35) Methylcyclohexane	6.075	83	16182	0.924	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7119	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1093	0.079	ug/L #	35
47) Tetrachloroethene	7.982	164	653	0.070	ug/L	95
49) Dibromochloromethane	7.979	129	594	0.067	ug/L #	9
61) 1,2,3-Trichloropropane	10.085	75	383	0.081	ug/L #	39

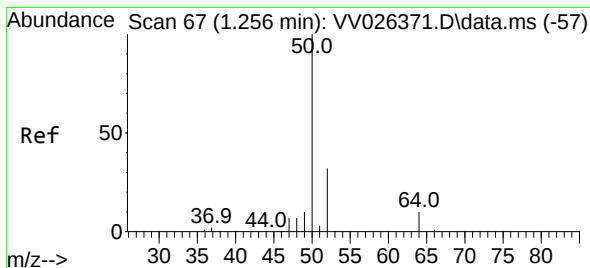
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.061 ug/L

RT: 1.256 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

Instrument :

MSVOA_V

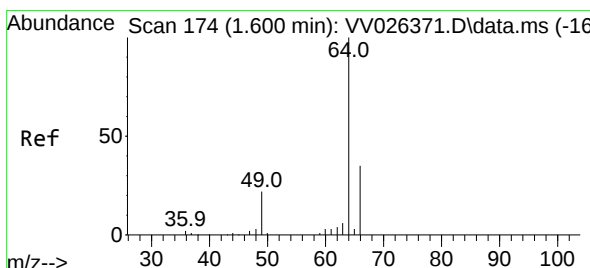
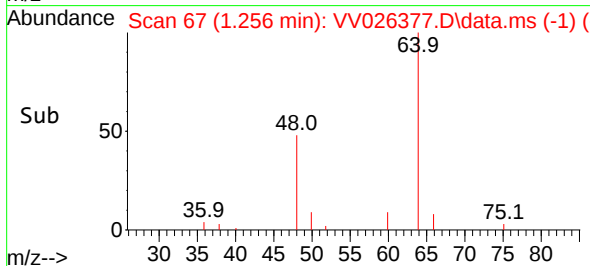
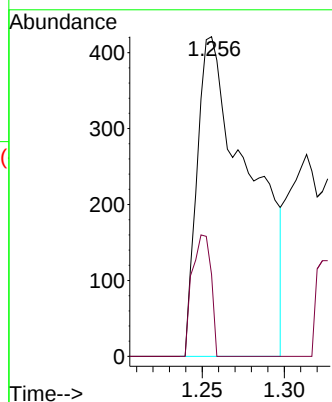
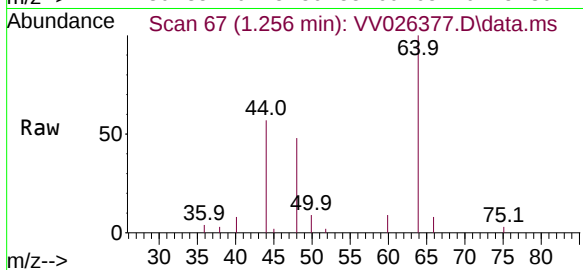
ClientSampleId :

Tgt Ion: 50 Resp: 939

Ion Ratio Lower Upper

50 100

52 25.7 23.7 44.1



#8

Chloroethane

Concen: 25.297 ug/L

RT: 1.526 min Scan# 151

Delta R.T. -0.074 min

Lab File: VV026377.D

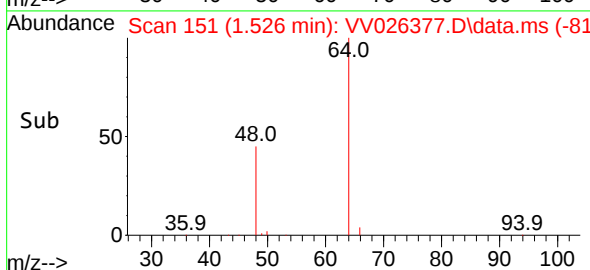
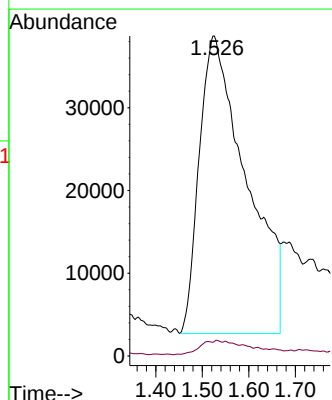
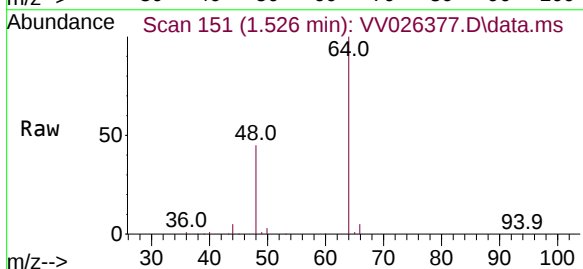
Acq: 17 Jun 2022 13:27

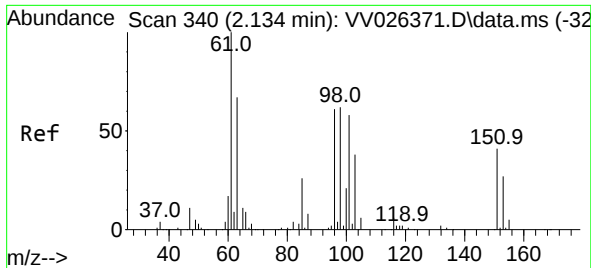
Tgt Ion: 64 Resp: 252797

Ion Ratio Lower Upper

64 100

66 4.5 24.1 44.7#

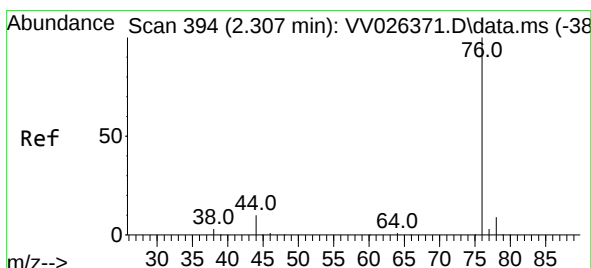
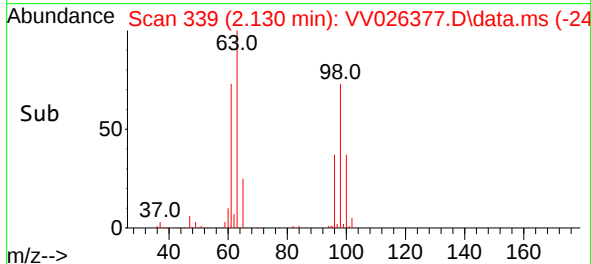
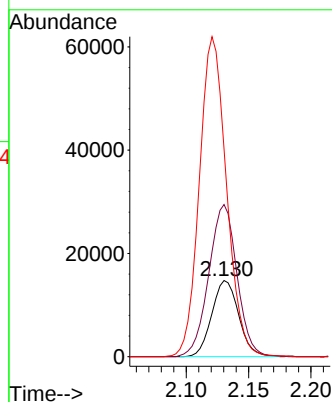
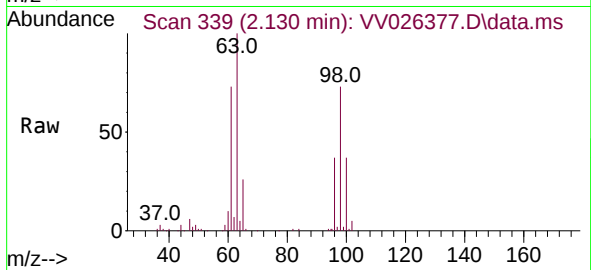




#12
1,1-Dichloroethene
Concen: 1.883 ug/L
RT: 2.130 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV026377.D
Acq: 17 Jun 2022 13:27

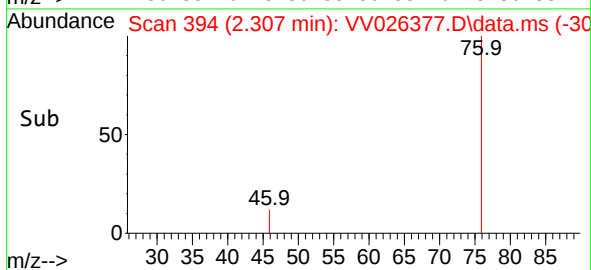
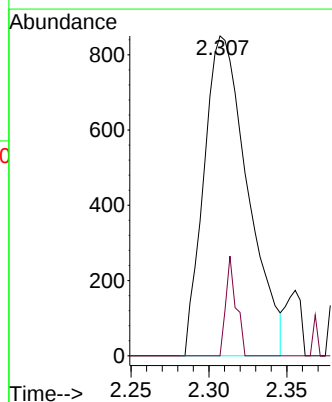
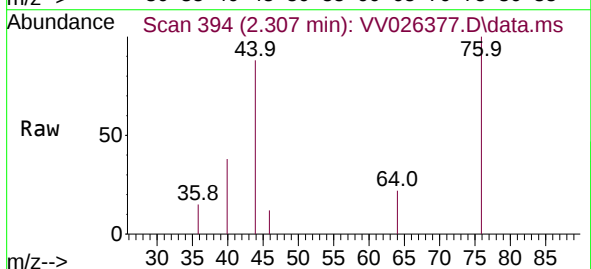
Instrument :
MSVOA_V
ClientSampleId :

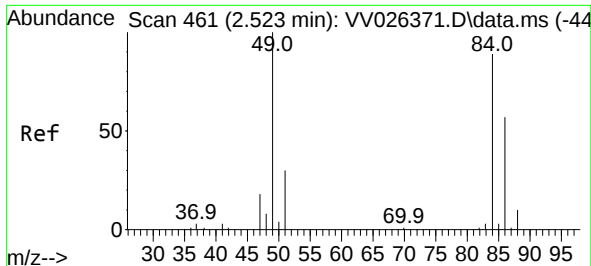
Tgt Ion: 96 Resp: 22191
Ion Ratio Lower Upper
96 100
61 199.7 117.1 217.5
63 272.4 92.8 172.4#



#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.000 min
Lab File: VV026377.D
Acq: 17 Jun 2022 13:27

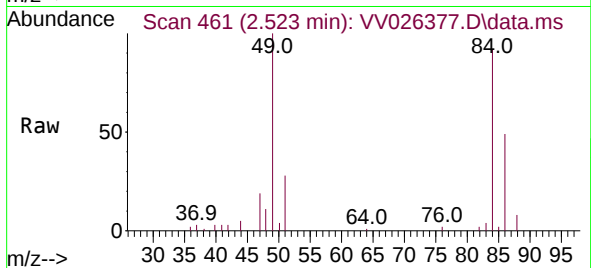
Tgt Ion: 76 Resp: 1665
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





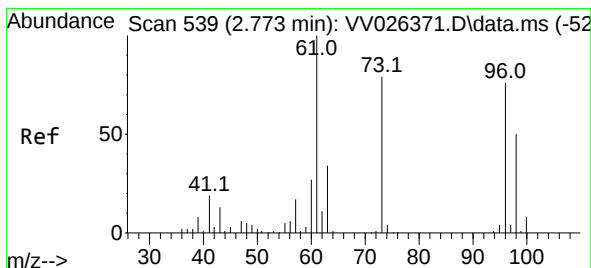
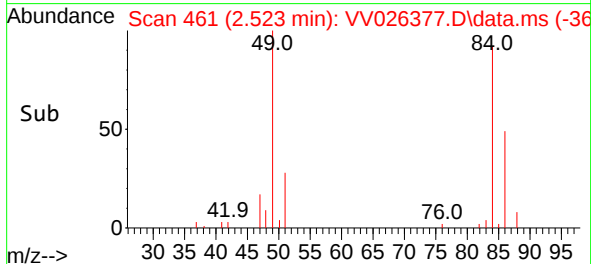
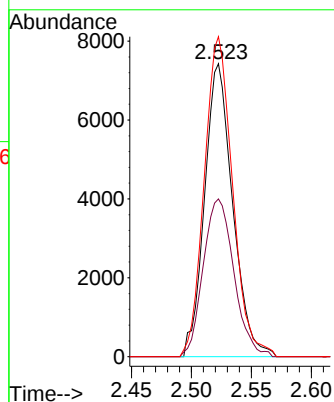
#16
Methylene chloride
Concen: 0.807 ug/L
RT: 2.523 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026377.D
Acq: 17 Jun 2022 13:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 12124

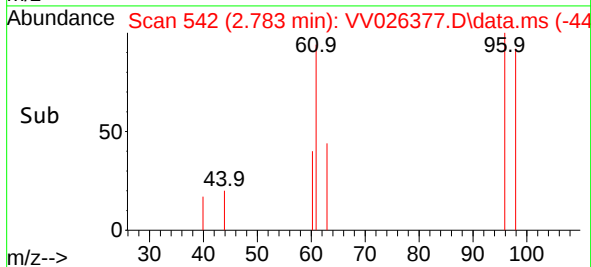
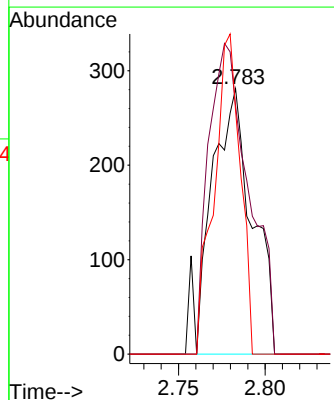
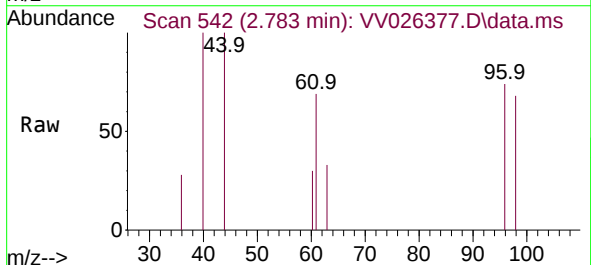
Ion	Ratio	Lower	Upper
84	100		
86	53.9	44.0	81.8
49	109.2	77.3	143.7

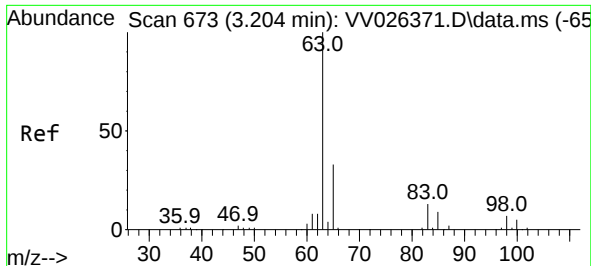


#18
trans-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026377.D
Acq: 17 Jun 2022 13:27

Tgt Ion: 96 Resp: 465

Ion	Ratio	Lower	Upper
96	100		
61	93.6	91.3	169.6
98	91.8	45.3	84.1#





#19

1,1-Dichloroethane

Concen: 2.173 ug/L

RT: 3.204 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

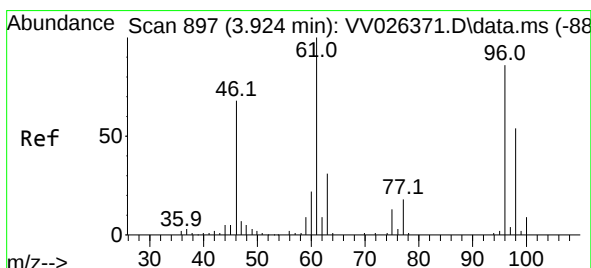
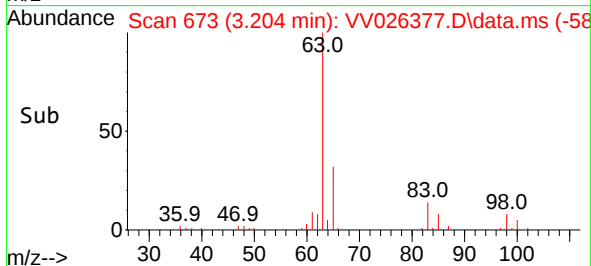
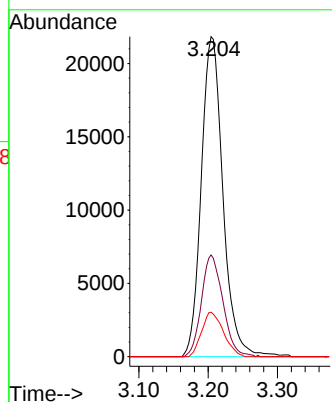
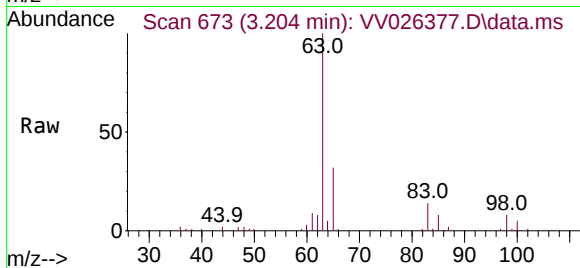
Tgt Ion: 63 Resp: 47358

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.9 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 0.662 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.006 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

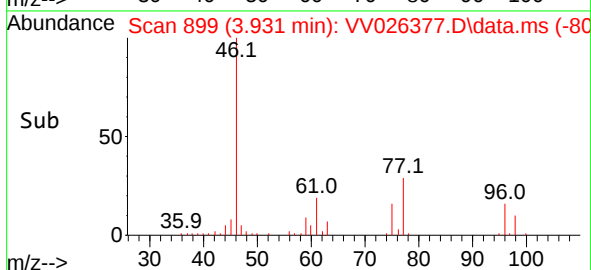
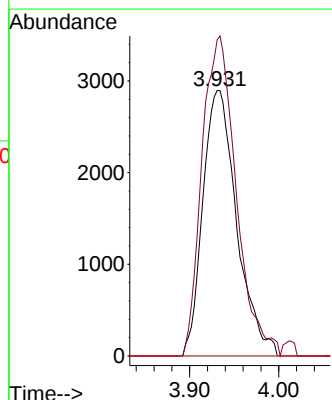
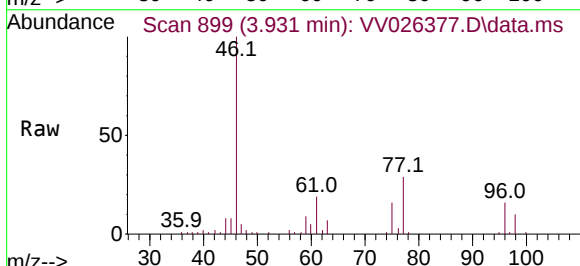
Tgt Ion: 96 Resp: 7655

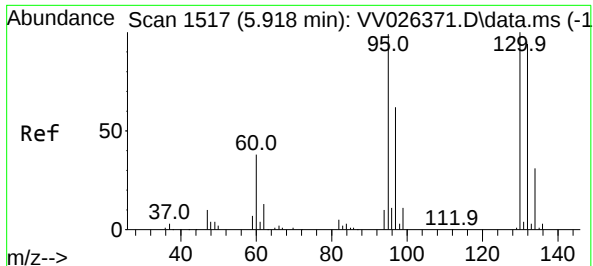
Ion Ratio Lower Upper

96 100

61 119.1 83.6 155.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.702 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 122841

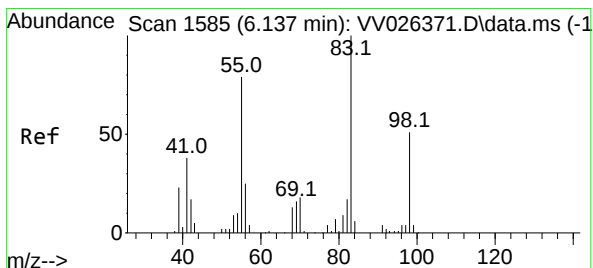
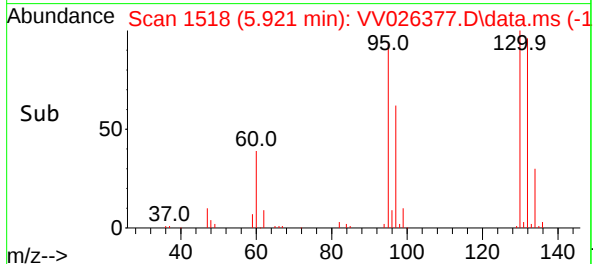
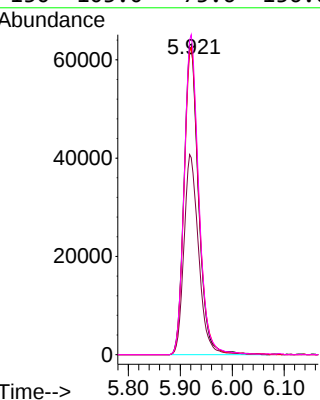
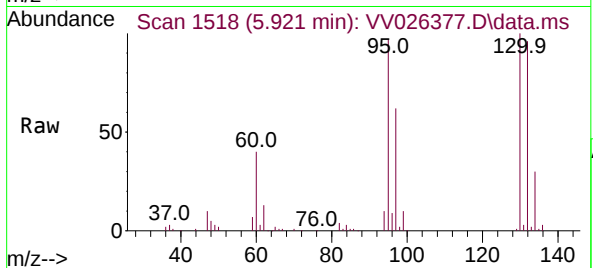
Ion Ratio Lower Upper

95 100

97 63.4 46.5 86.3

132 98.9 68.8 127.8

130 103.0 73.6 136.6



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

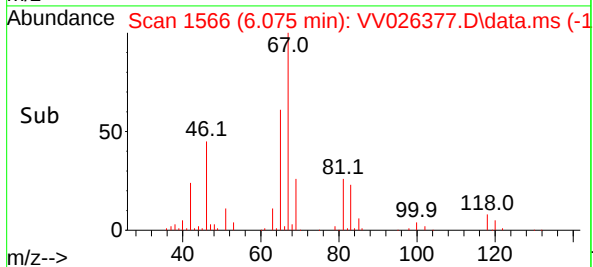
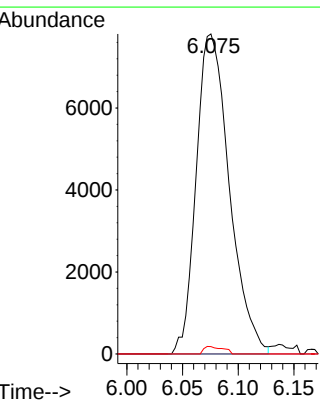
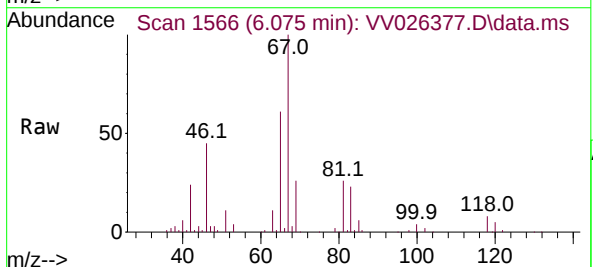
Tgt Ion: 83 Resp: 16182

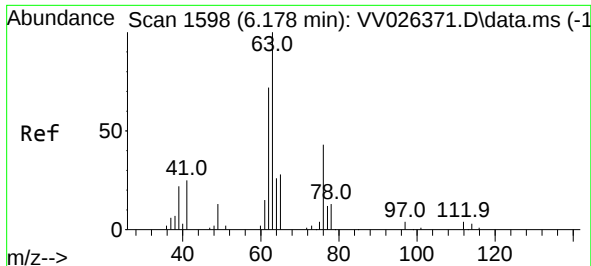
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.4 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

Instrument :

MSVOA_V

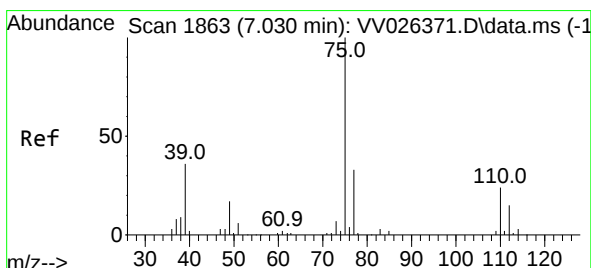
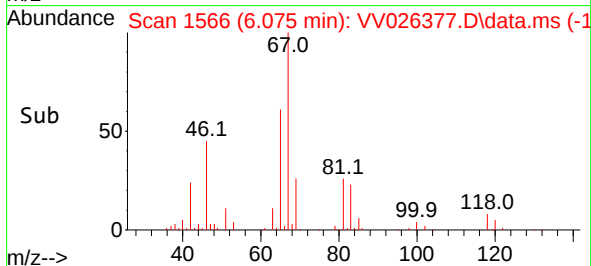
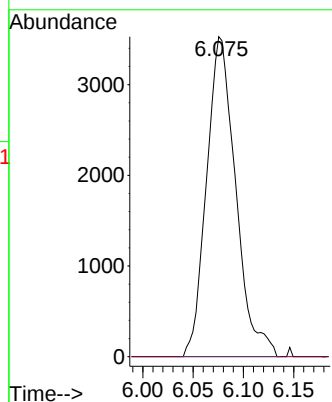
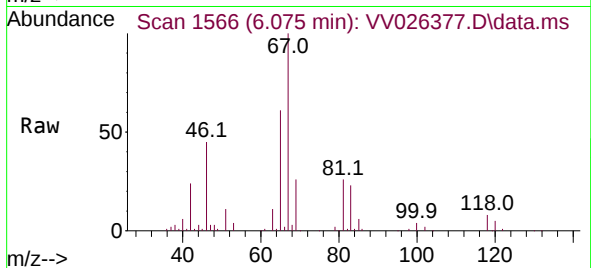
ClientSampleId :

Tgt Ion: 63 Resp: 7119

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026377.D

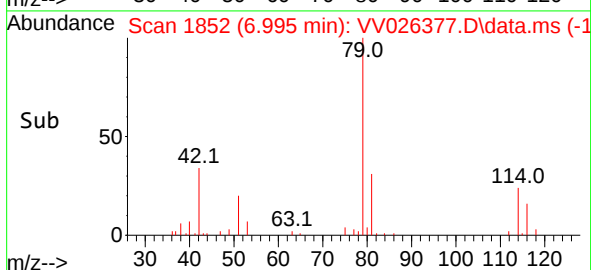
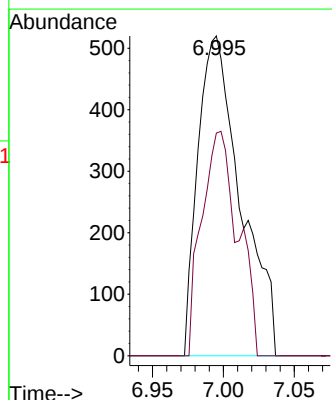
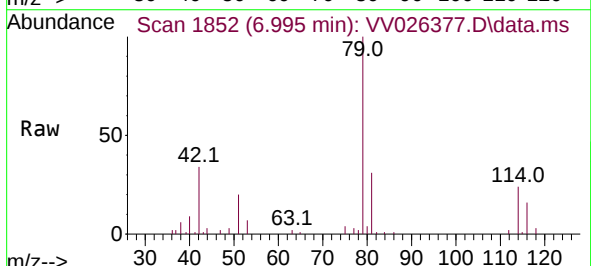
Acq: 17 Jun 2022 13:27

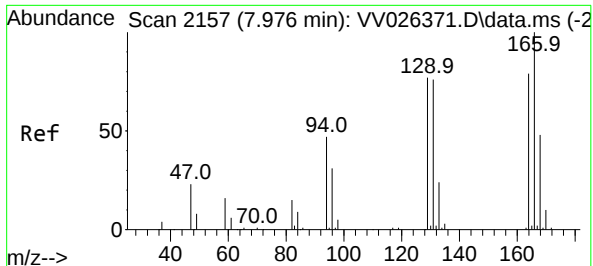
Tgt Ion: 75 Resp: 1093

Ion Ratio Lower Upper

75 100

77 69.6 23.0 42.6#





#47

Tetrachloroethene

Concen: 0.070 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026377.D

Acq: 17 Jun 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 653

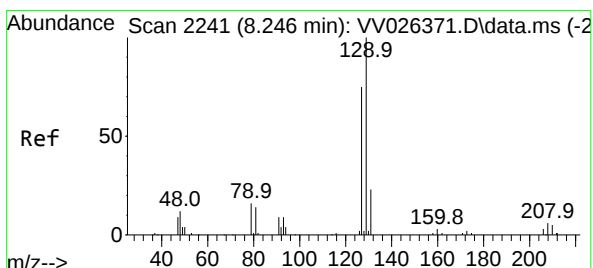
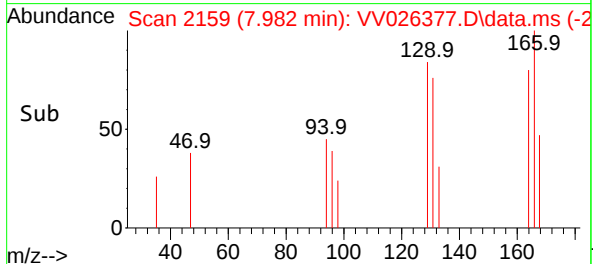
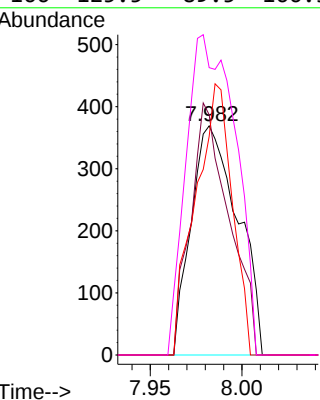
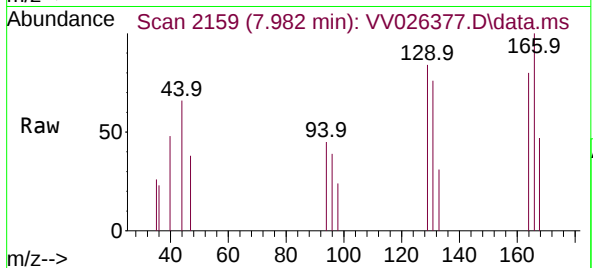
Ion Ratio Lower Upper

164 100

129 104.9 67.5 125.3

131 95.4 63.8 118.4

166 125.5 89.5 166.3



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026377.D

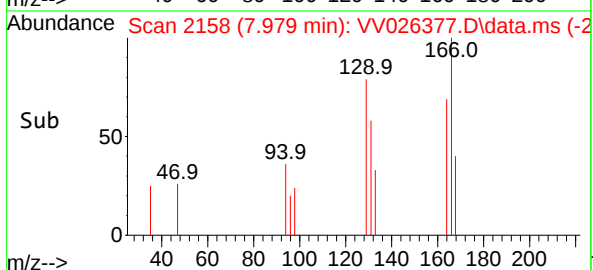
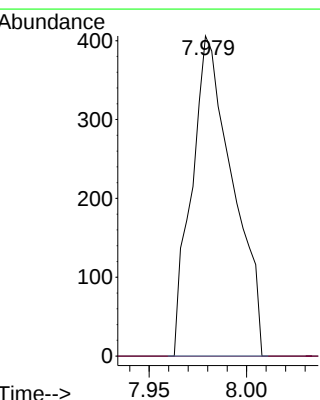
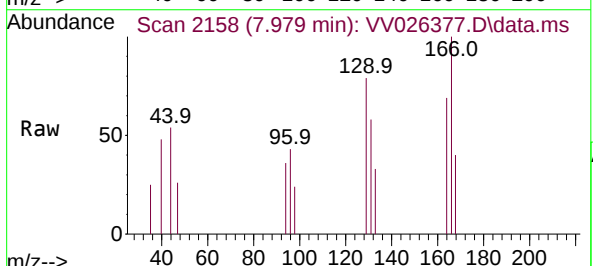
Acq: 17 Jun 2022 13:27

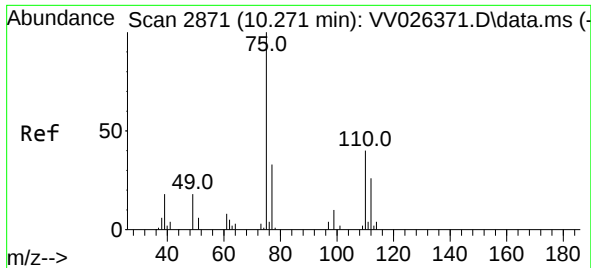
Tgt Ion:129 Resp: 594

Ion Ratio Lower Upper

129 100

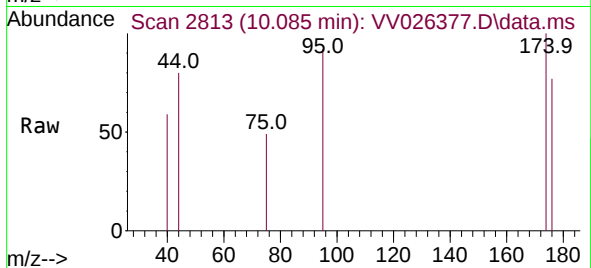
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.081 ug/L
 RT: 10.085 min Scan# 21
 Delta R.T. -0.187 min
 Lab File: VV026377.D
 Acq: 17 Jun 2022 13:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp: 383
Ion Ratio	Lower Upper
75 100	
77 0.0	26.9 40.3#
110 0.0	30.7 46.1#

