

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026375.D
 Acq On : 17 Jun 2022 12:39
 Operator : SY/MD
 Sample : N3318-02DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:02:54 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)

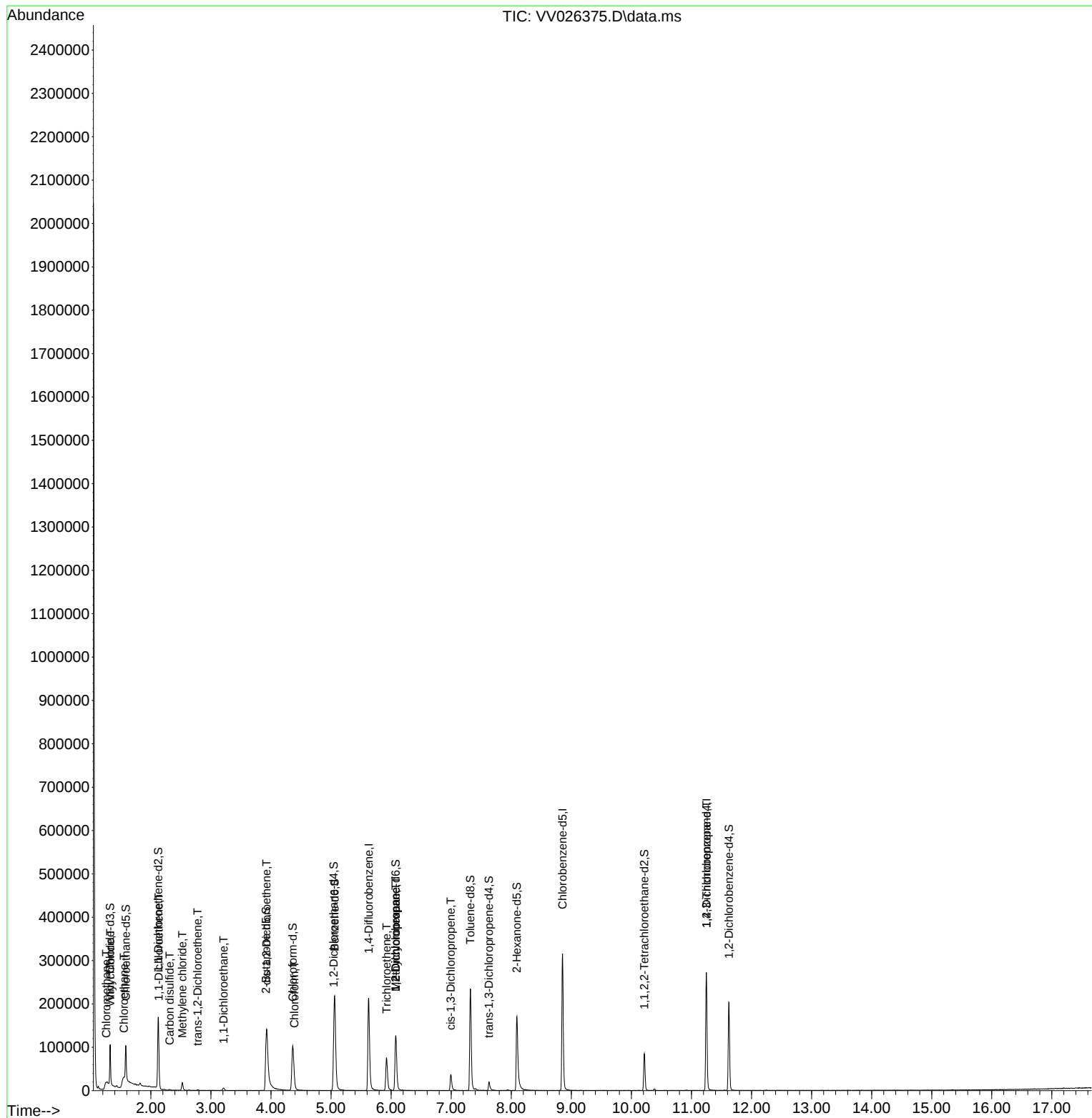
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	191233	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	183244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	54532	3.283	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.584	69	50012	3.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.124	63	85771	3.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.918	46	85870	52.982	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.960%
24) Chloroform-d	4.362	84	110858	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.043	65	47027	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.059	84	203920	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.079	67	66119	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.320	98	164014	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.629	79	12492	2.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.800%#
46) 2-Hexanone-d5	8.092	63	61048	43.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43119	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55241	4.850	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1394	0.088	ug/L	90
5) Vinyl chloride	1.327	62	9547	0.578	ug/L #	1
8) Chloroethane	1.552	64	43509	4.246	ug/L #	49
12) 1,1-Dichloroethene	2.134	96	8134	0.673	ug/L #	1
14) Carbon disulfide	2.314	76	1949	0.065	ug/L	99
16) Methylene chloride	2.523	84	7664	0.497	ug/L	99
18) trans-1,2-Dichloroethene	2.780	96	586	0.050	ug/L	84
19) 1,1-Dichloroethane	3.211	63	6267	0.280	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	57083	4.815	ug/L	96
25) Chloroform	4.388	83	1822	0.075	ug/L	84
34) Trichloroethene	5.924	95	27500	2.144	ug/L	95
35) Methylcyclohexane	6.079	83	15906	0.897	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7032	0.572	ug/L #	90
39) cis-1,3-Dichloropropene	6.992	75	1114	0.079	ug/L #	54
61) 1,2,3-Trichloropropane	11.249	75	8324	1.735	ug/L #	67

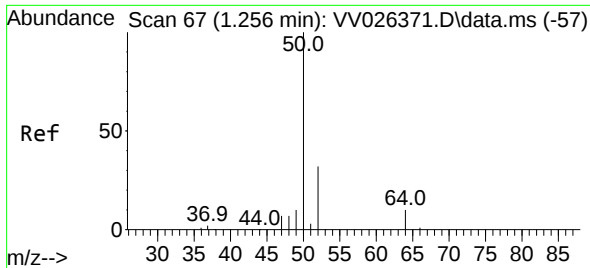
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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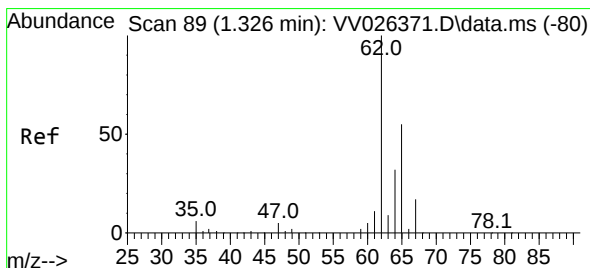
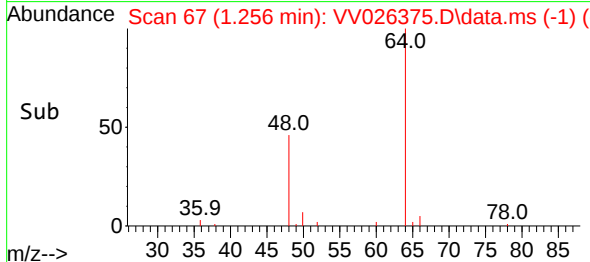
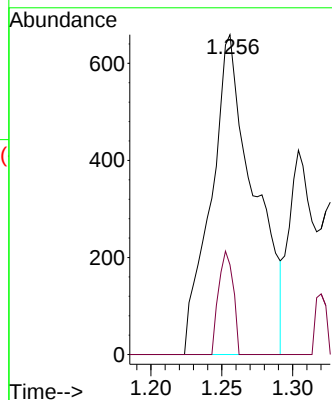
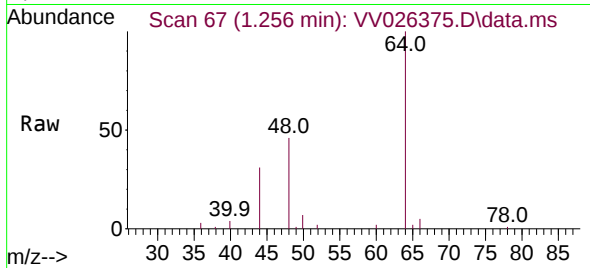




#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

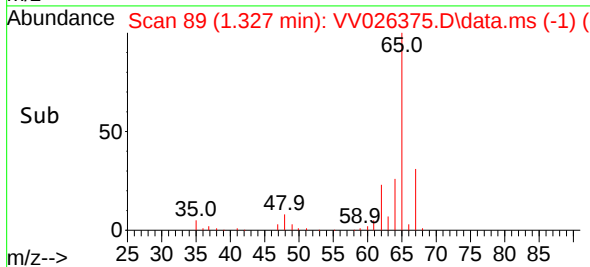
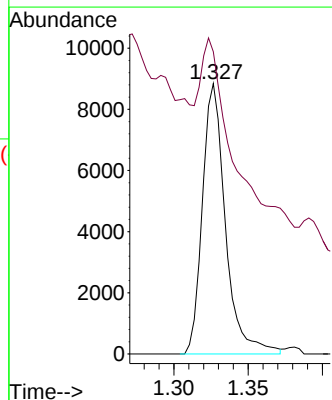
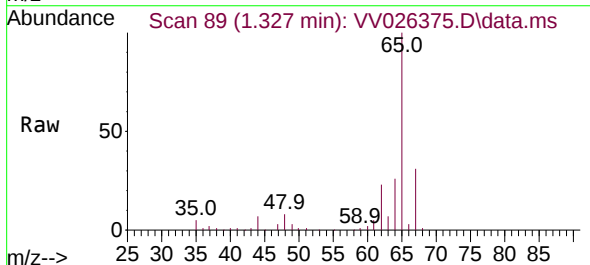
Instrument :
MSVOA_V
ClientSampleId :

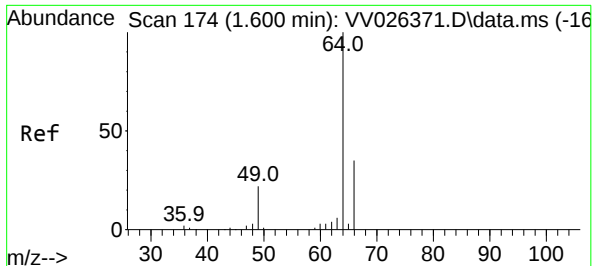
Tgt Ion: 50 Resp: 1394
Ion Ratio Lower Upper
50 100
52 28.1 23.7 44.1



#5
Vinyl chloride
Concen: 0.578 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

Tgt Ion: 62 Resp: 9547
Ion Ratio Lower Upper
62 100
64 111.8 23.2 43.2#

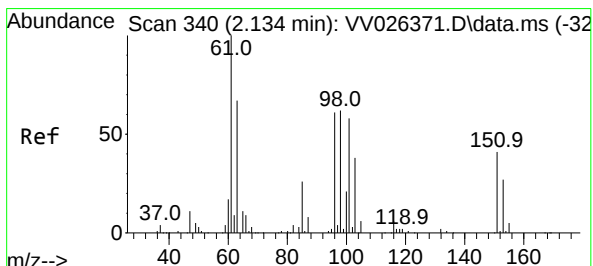
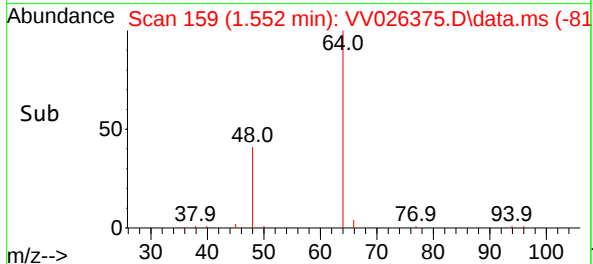
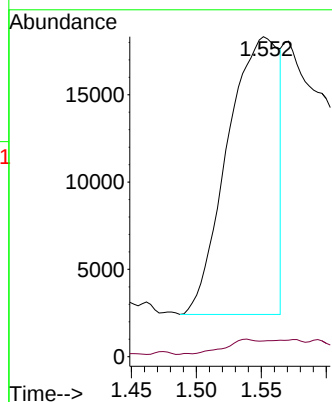
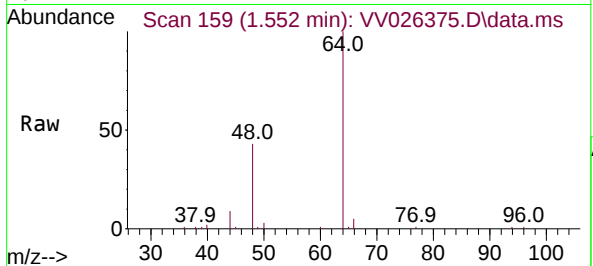




#8
Chloroethane
Concen: 4.246 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.048 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

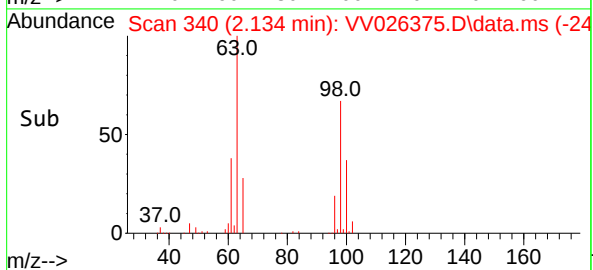
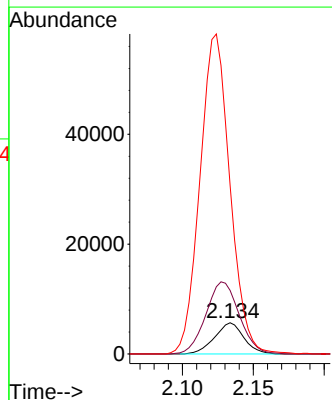
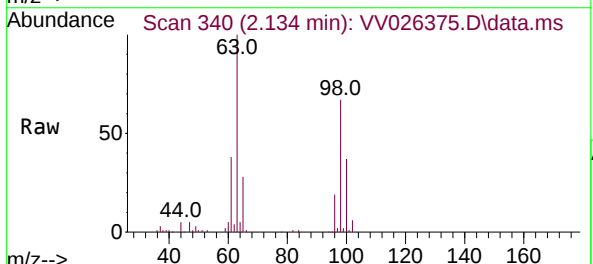
Instrument :
MSVOA_V
ClientSampleId :

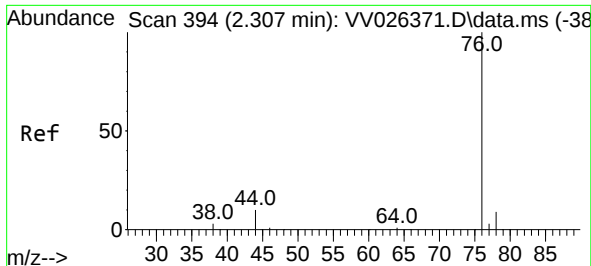
Tgt Ion: 64 Resp: 43509
Ion Ratio Lower Upper
64 100
66 4.9 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.673 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.000 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

Tgt Ion: 96 Resp: 8134
Ion Ratio Lower Upper
96 100
61 203.4 117.1 217.5
63 539.8 92.8 172.4#

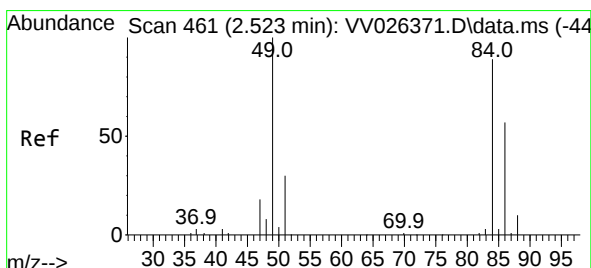
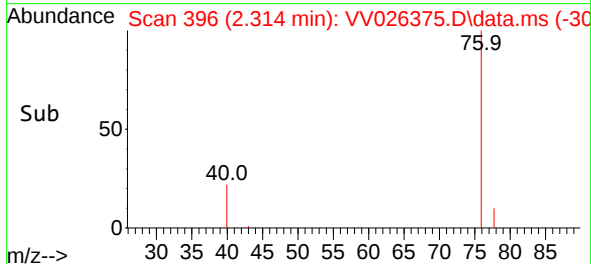
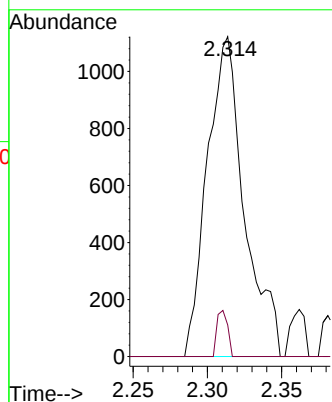
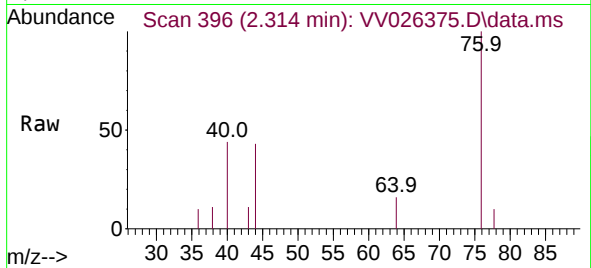




#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.314 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

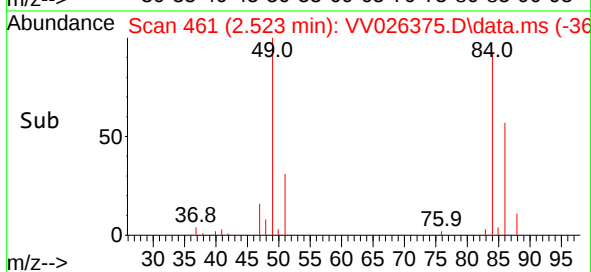
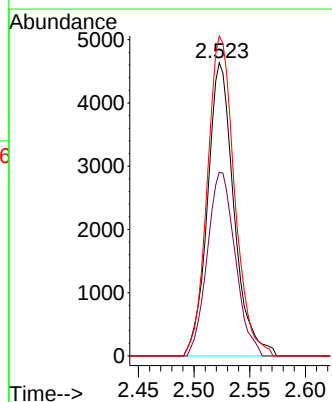
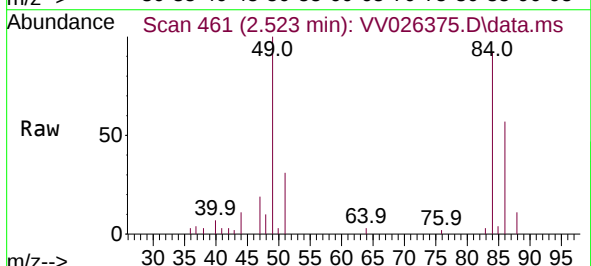
Instrument :
MSVOA_V
ClientSampleId :

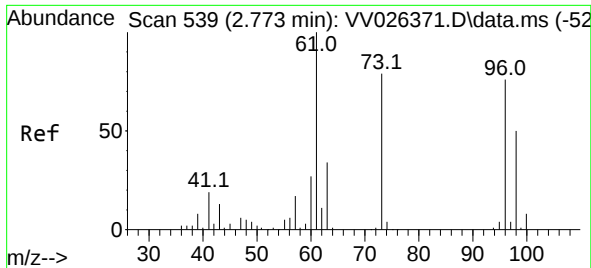
Tgt Ion: 76 Resp: 1949
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5



#16
Methylene chloride
Concen: 0.497 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

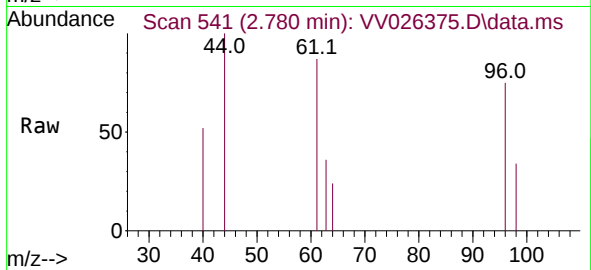
Tgt Ion: 84 Resp: 7664
Ion Ratio Lower Upper
84 100
86 62.6 44.0 81.8
49 109.1 77.3 143.7



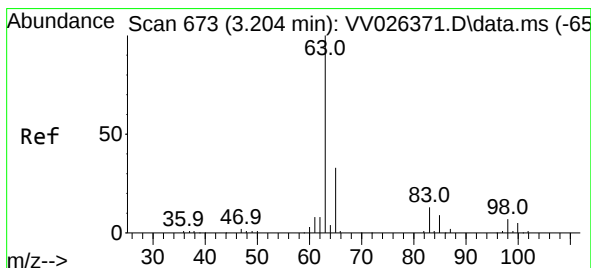
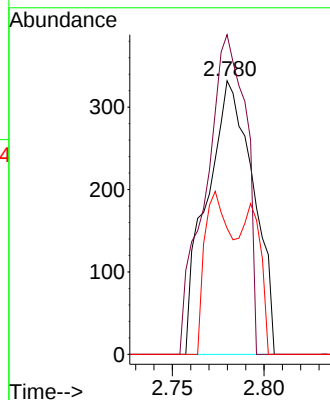
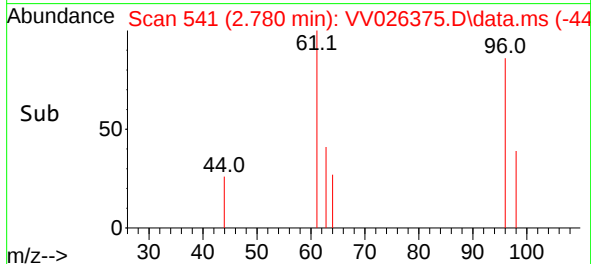


#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39

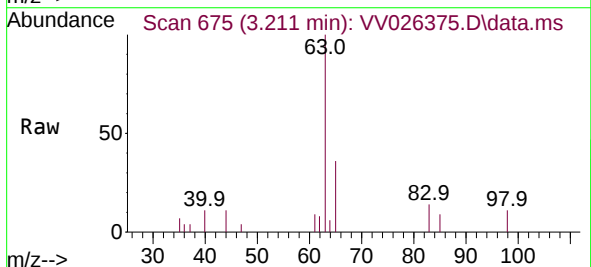
Instrument :
MSVOA_V
ClientSampleId :



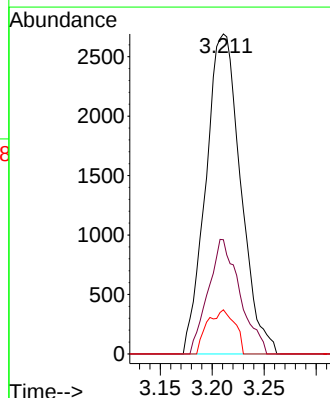
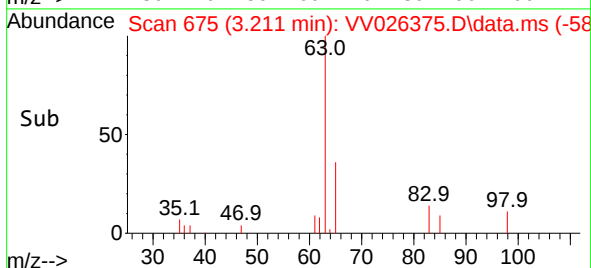
Tgt Ion: 96	Resp: 586
Ion Ratio	Lower Upper
96 100	
61 116.9	91.3 169.6
98 46.1	45.3 84.1

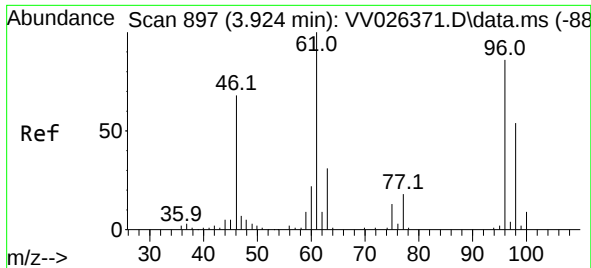


#19
1,1-Dichloroethane
Concen: 0.280 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.006 min
Lab File: VV026375.D
Acq: 17 Jun 2022 12:39



Tgt Ion: 63	Resp: 6267		
Ion Ratio	Lower	Upper	
63 100			
65 35.7	22.3	41.3	
83 13.8	8.9	16.5	

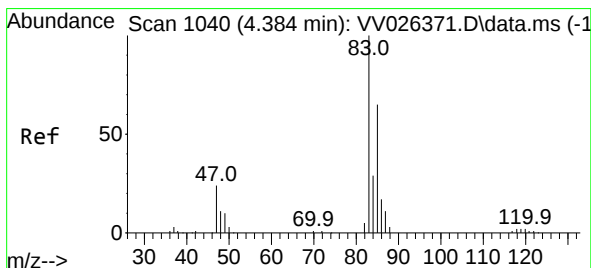
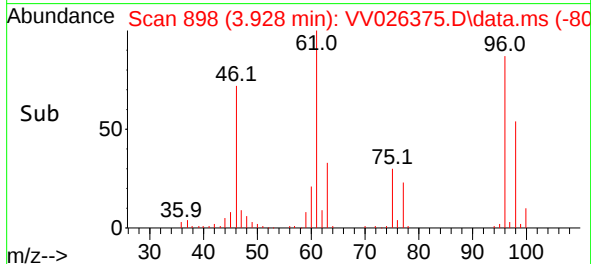
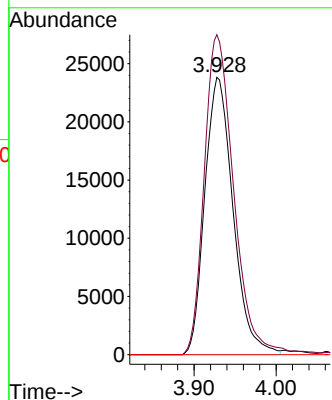
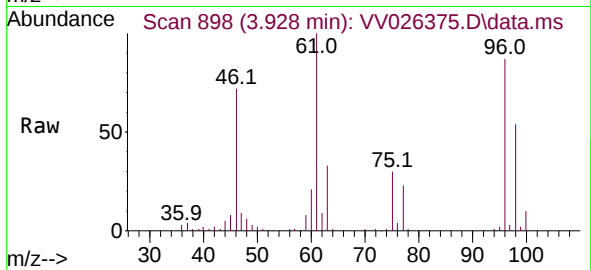




#22
 cis-1,2-Dichloroethene
 Concen: 4.815 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.003 min
 Lab File: VV026375.D
 Acq: 17 Jun 2022 12:39

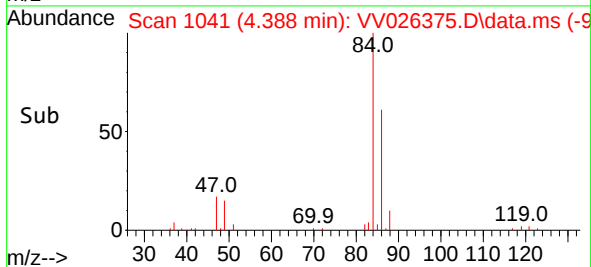
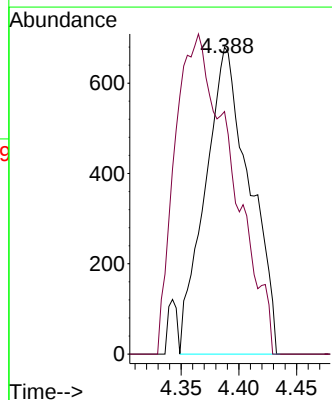
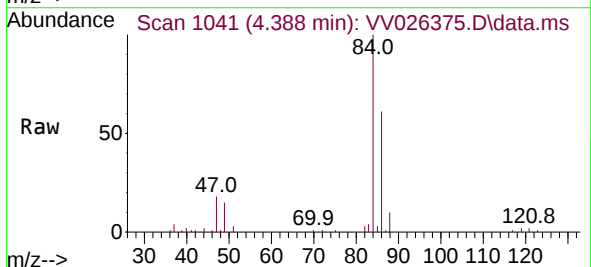
Instrument :
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 ClientSampleId :

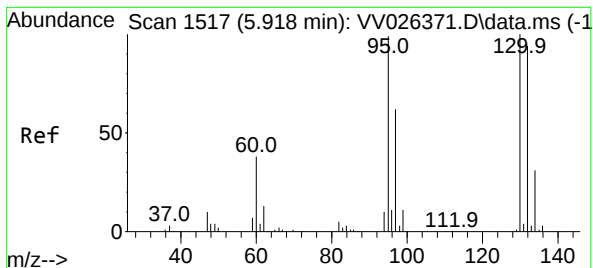
Tgt Ion: 96 Resp: 57083
 Ion Ratio Lower Upper
 96 100
 61 115.4 83.6 155.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.075 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VV026375.D
 Acq: 17 Jun 2022 12:39

Tgt Ion: 83 Resp: 1822
 Ion Ratio Lower Upper
 83 100
 85 79.0 46.5 86.3





#34

Trichloroethene

Concen: 2.144 ug/L

RT: 5.924 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026375.D

Acq: 17 Jun 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 27500

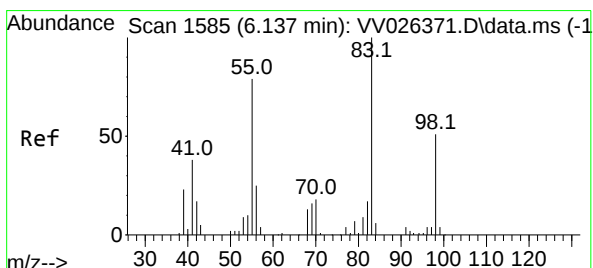
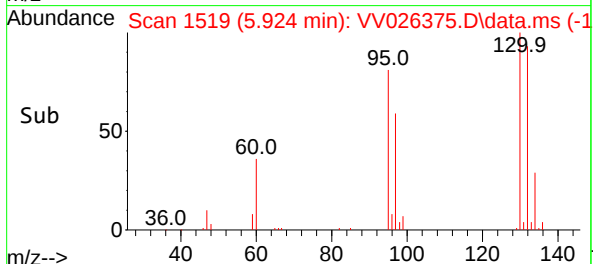
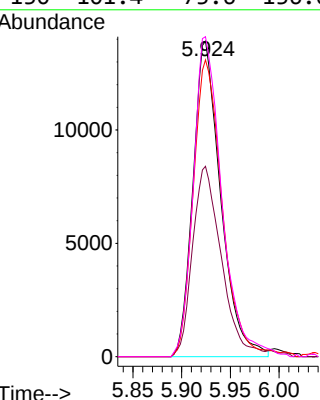
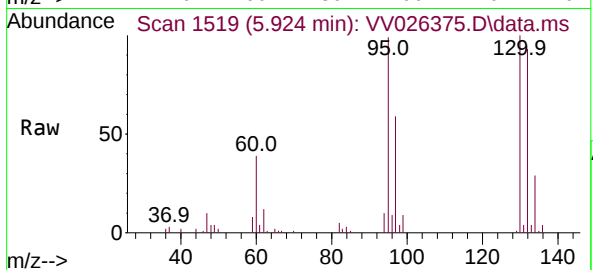
Ion Ratio Lower Upper

95 100

97 60.3 46.5 86.3

132 94.1 68.8 127.8

130 101.4 73.6 136.6



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.058 min

Lab File: VV026375.D

Acq: 17 Jun 2022 12:39

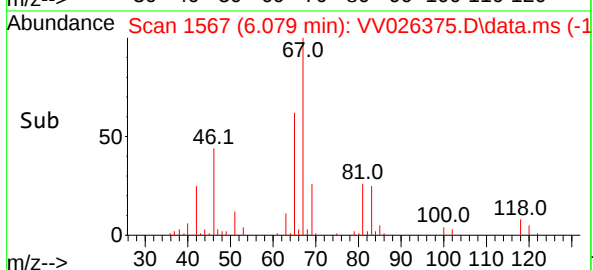
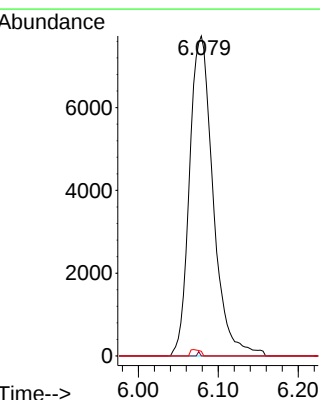
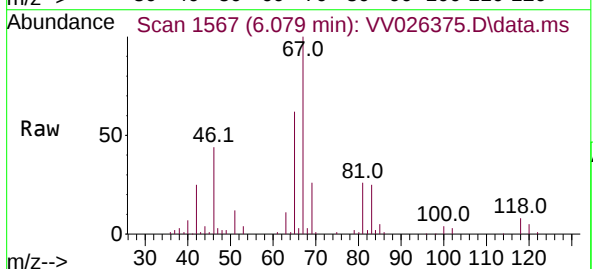
Tgt Ion: 83 Resp: 15906

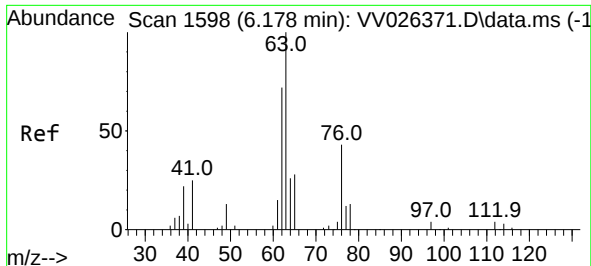
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 0.8 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026375.D

Acq: 17 Jun 2022 12:39

Instrument :

MSVOA_V

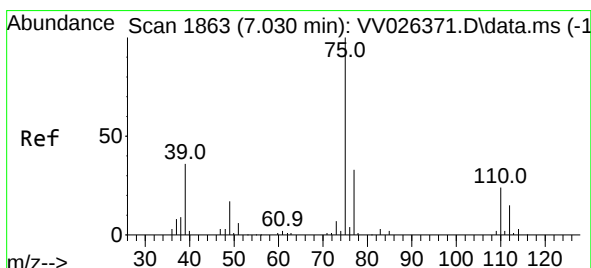
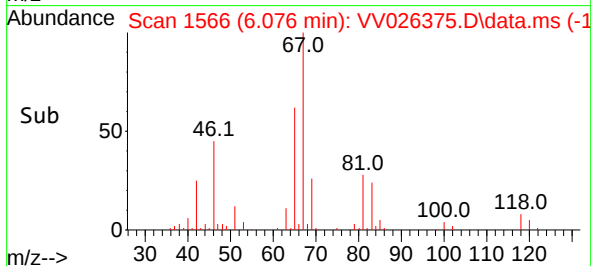
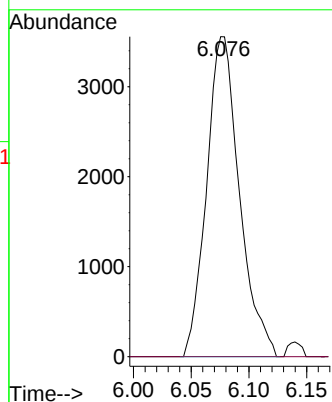
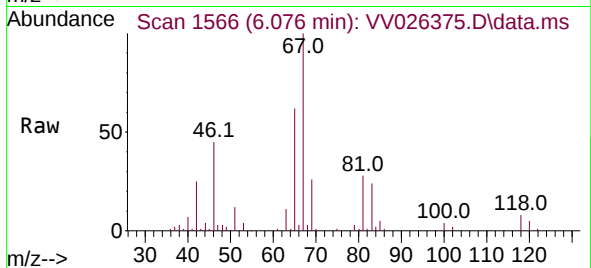
ClientSampleId :

Tgt Ion: 63 Resp: 7032

Ion Ratio Lower Upper

63 100

112 0.9 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026375.D

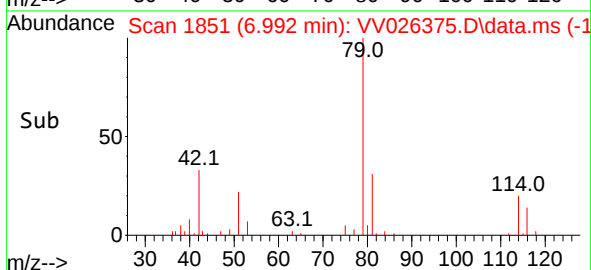
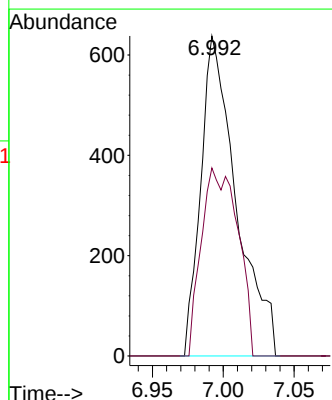
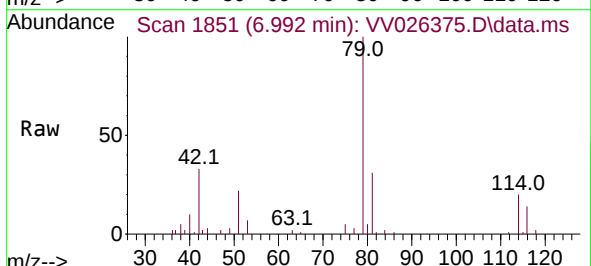
Acq: 17 Jun 2022 12:39

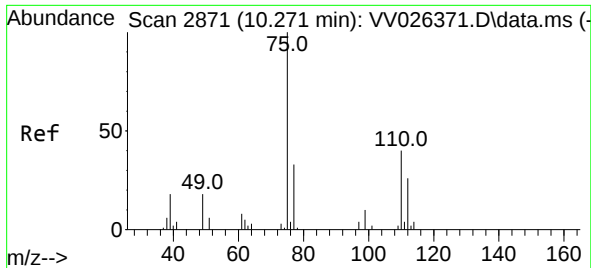
Tgt Ion: 75 Resp: 1114

Ion Ratio Lower Upper

75 100

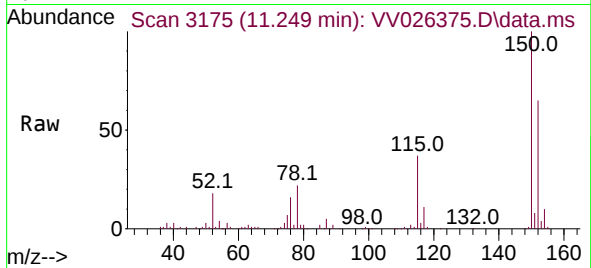
77 58.8 23.0 42.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.735 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026375.D
 Acq: 17 Jun 2022 12:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8324
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.9 40.3
 110 1.6 30.7 46.1#

