

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026484.D
 Acq On : 21 Jun 2022 13:32
 Operator : SY/MD
 Sample : N3345-07DL 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:42:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

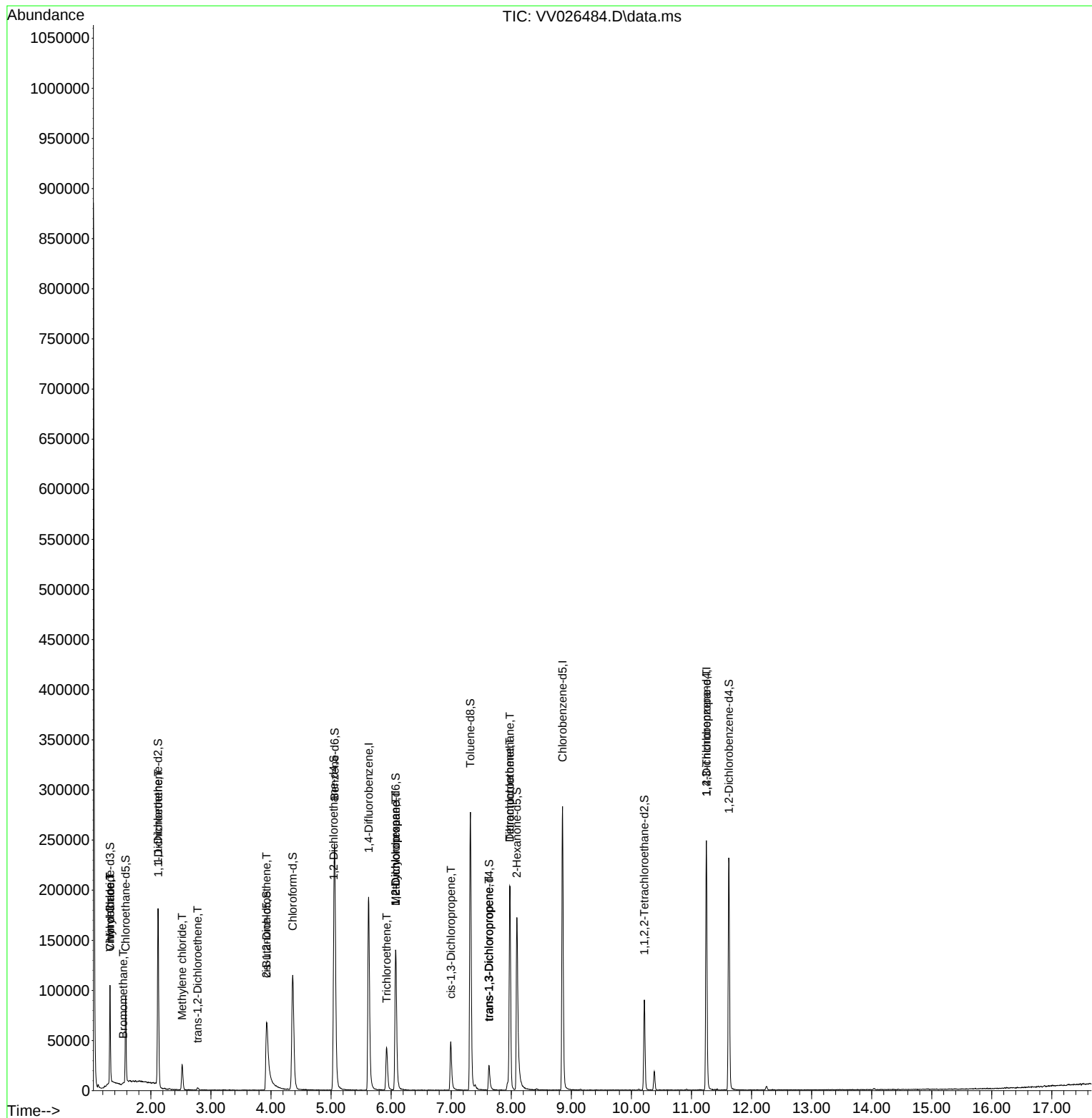
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62267	4.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.580	69	55711	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.121	63	93415	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.928	46	80545	54.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	4.362	84	123465	5.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.043	65	49520	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.059	84	240995	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.075	67	73084	5.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.320	98	195178	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.632	79	17058	4.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.091	63	64832	51.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45057	5.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62800	5.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	1388	0.092	ug/L #	1
6) Bromomethane	1.539	94	691	0.082	ug/L	71
8) Chloroethane	1.323	64	2003	0.214	ug/L	94
12) 1,1-Dichloroethene	2.124	96	1039	0.094	ug/L #	1
16) Methylene chloride	2.519	84	11075	0.785	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	726	0.068	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	22843	2.105	ug/L	96
34) Trichloroethene	5.924	95	15872	1.387	ug/L	93
35) Methylcyclohexane	6.075	83	17827	1.126	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7738	0.706	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1191	0.095	ug/L #	63
44) trans-1,3-Dichloropropene	7.628	75	812	0.081	ug/L	99
47) Tetrachloroethene	7.976	164	47509	5.606	ug/L	97
49) Dibromochloromethane	7.979	129	43616	5.474	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8048	1.824	ug/L #	63

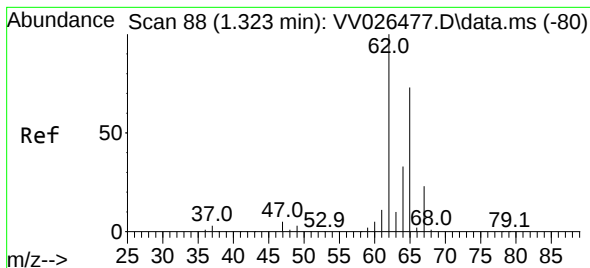
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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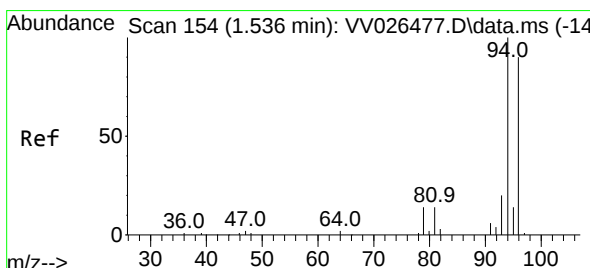
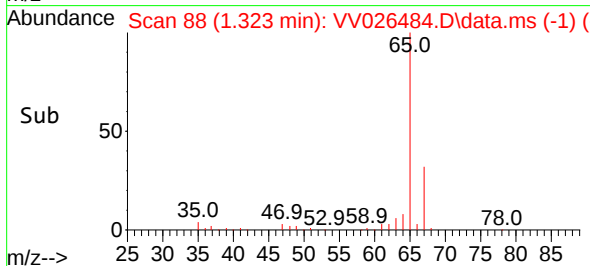
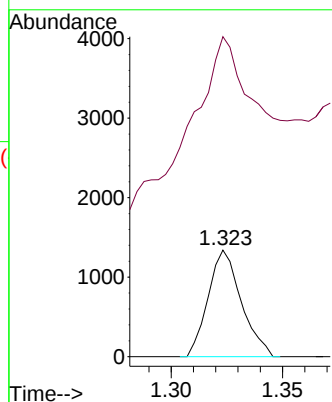
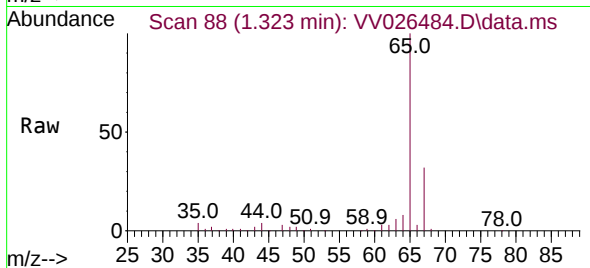




#5
 Vinyl chloride
 Concen: 0.092 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32

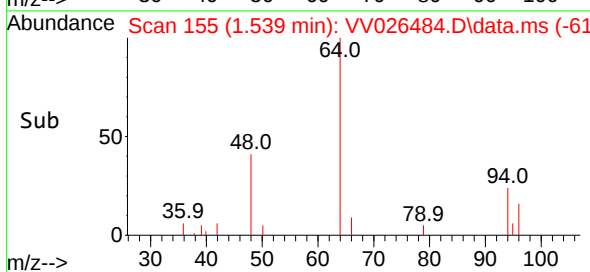
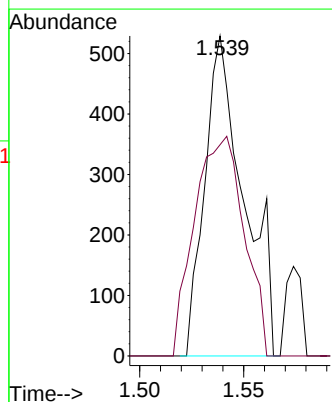
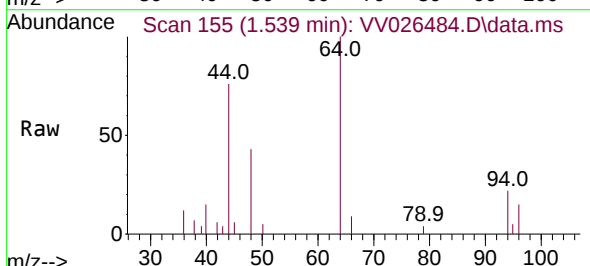
Instrument :
 MSVOA_V
 ClientSampleId :

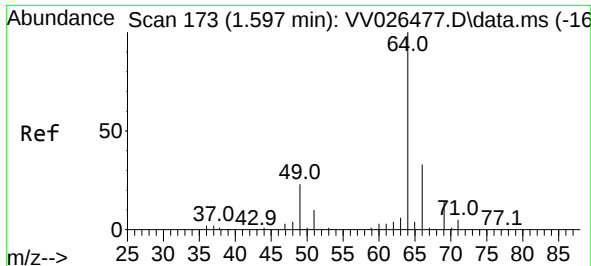
Tgt Ion: 62 Resp: 1388
 Ion Ratio Lower Upper
 62 100
 64 300.1 23.2 43.2#



#6
 Bromomethane
 Concen: 0.082 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32

Tgt Ion: 94 Resp: 691
 Ion Ratio Lower Upper
 94 100
 96 66.0 65.7 121.9

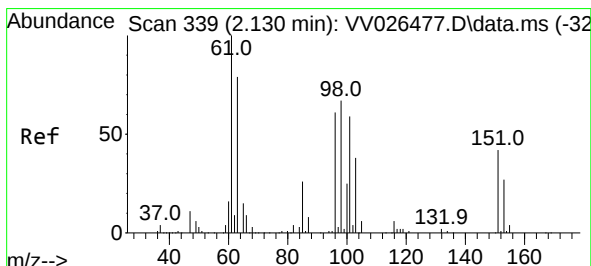
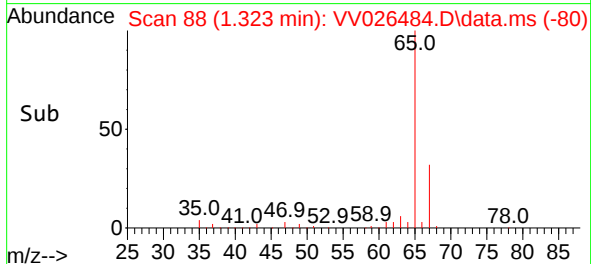
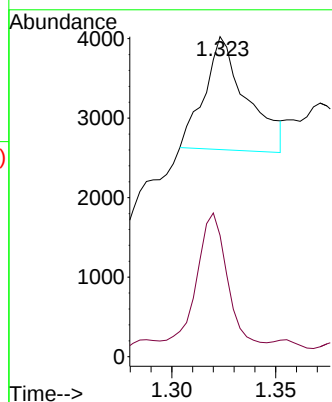
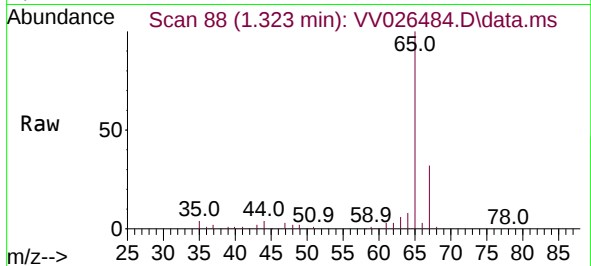




#8
Chloroethane
Concen: 0.214 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV026484.D
Acq: 21 Jun 2022 13:32

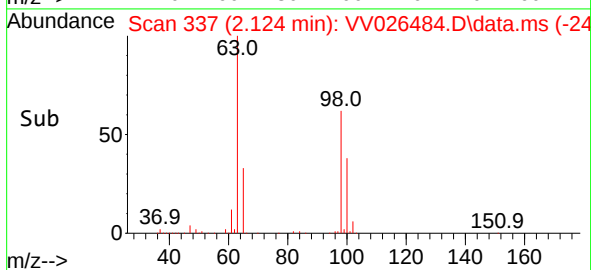
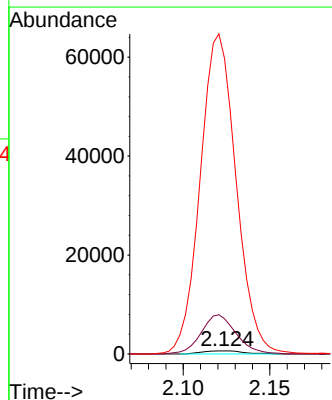
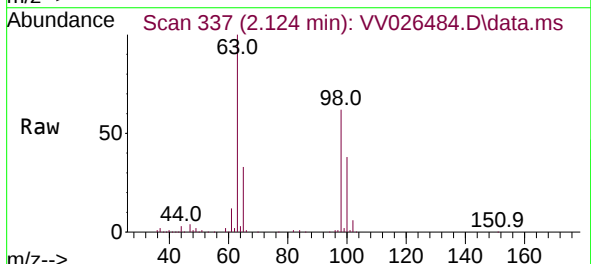
Instrument :
MSVOA_V
ClientSampleId :

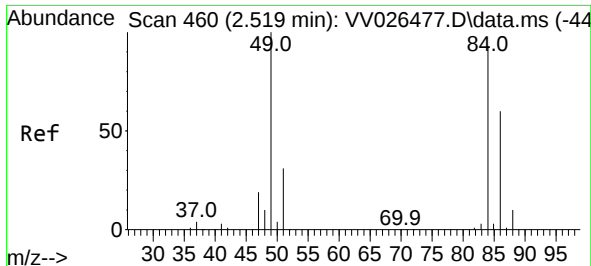
Tgt Ion: 64 Resp: 2003
Ion Ratio Lower Upper
64 100
66 37.9 24.1 44.7



#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.007 min
Lab File: VV026484.D
Acq: 21 Jun 2022 13:32

Tgt Ion: 96 Resp: 1039
Ion Ratio Lower Upper
96 100
61 1138.5 117.1 217.5#
63 9573.1 92.8 172.4#

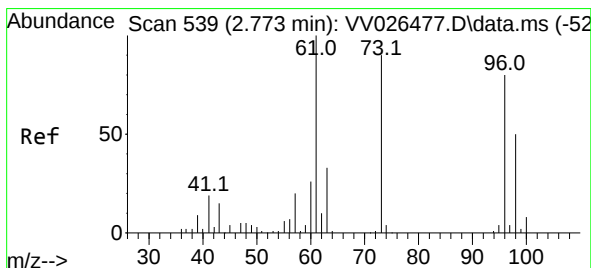
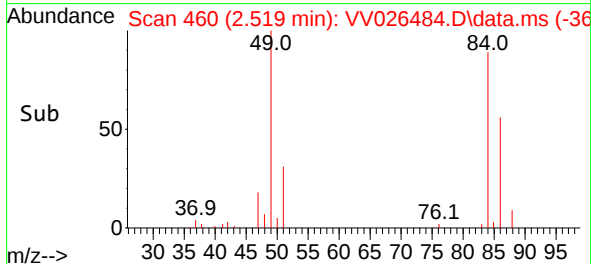
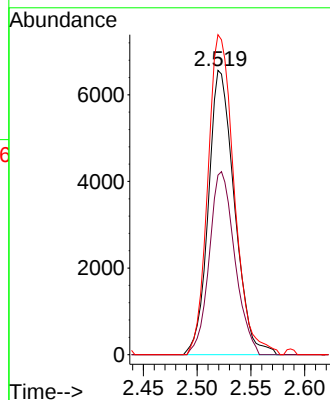
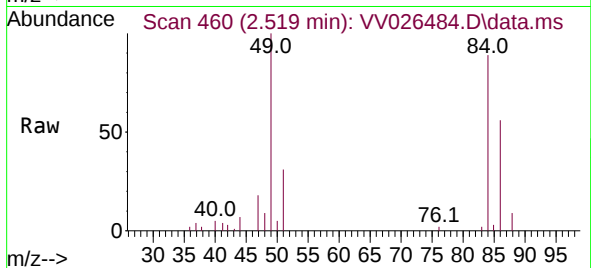




#16
Methylene chloride
Concen: 0.785 ug/L
RT: 2.519 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026484.D
Acq: 21 Jun 2022 13:32

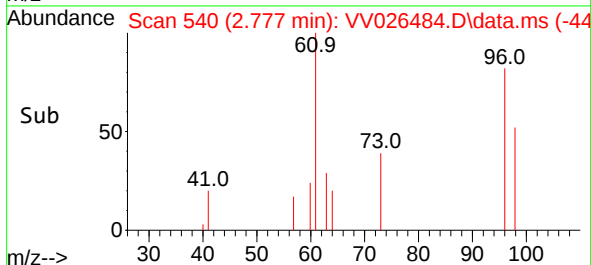
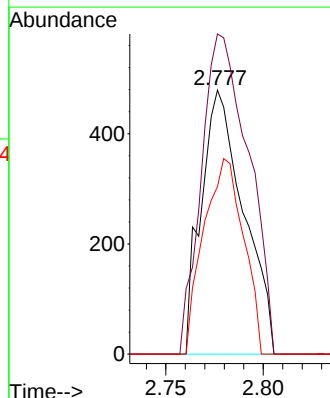
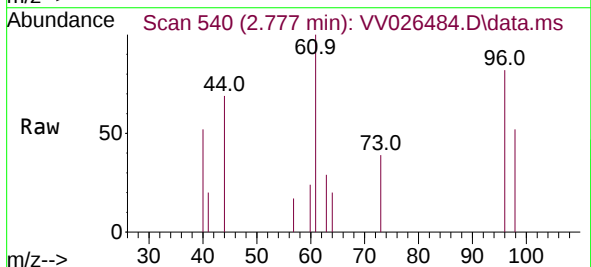
Instrument :
MSVOA_V
ClientSampleId :

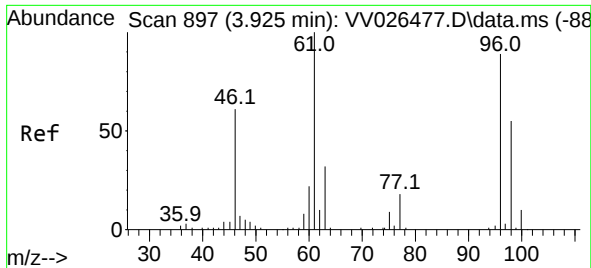
Tgt Ion: 84 Resp: 11075
Ion Ratio Lower Upper
84 100
86 63.1 44.0 81.8
49 112.6 77.3 143.7



#18
trans-1,2-Dichloroethene
Concen: 0.068 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026484.D
Acq: 21 Jun 2022 13:32

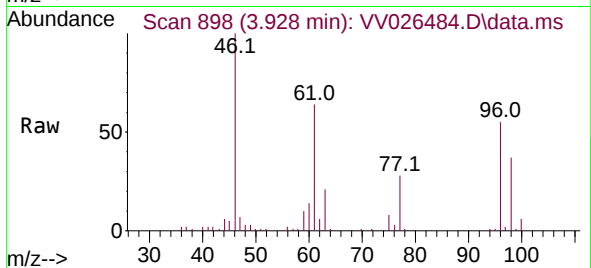
Tgt Ion: 96 Resp: 726
Ion Ratio Lower Upper
96 100
61 121.3 91.3 169.6
98 63.5 45.3 84.1



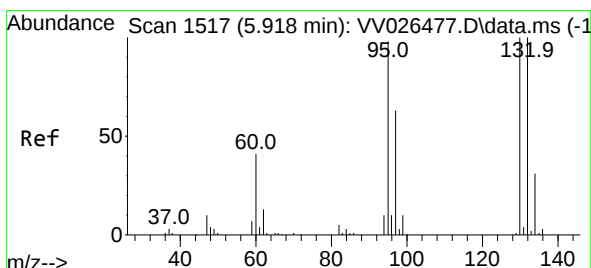
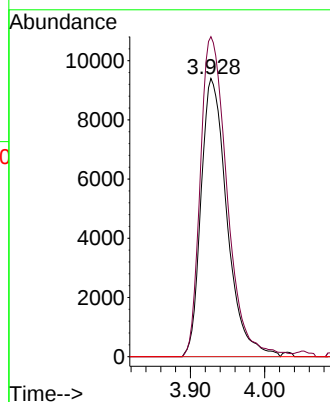
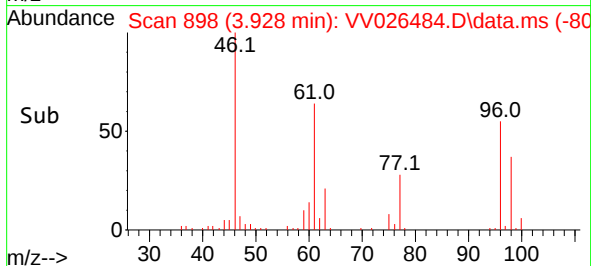


#22
 cis-1,2-Dichloroethene
 Concen: 2.105 ug/L
 RT: 3.928 min Scan# 897
 Delta R.T. 0.003 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32

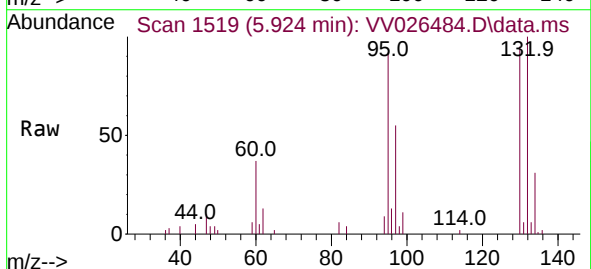
Instrument :
 MSVOA_V
 ClientSampleId :



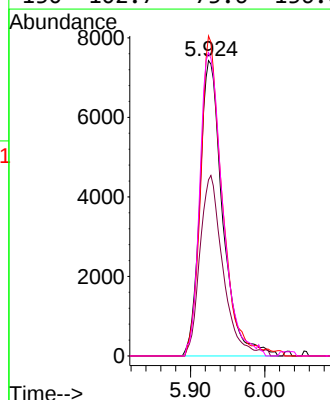
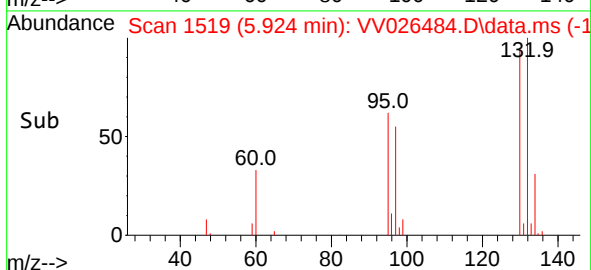
Tgt Ion: 96 Resp: 22843
 Ion Ratio Lower Upper
 96 100
 61 115.0 83.6 155.2
 68 0.0 0.0 0.0

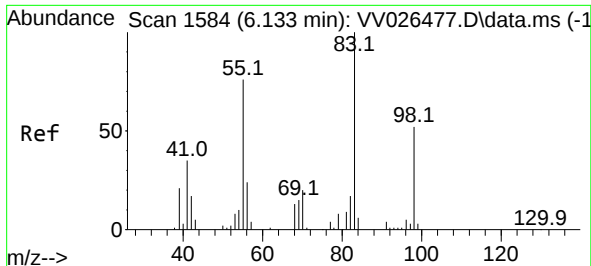


#34
 Trichloroethene
 Concen: 1.387 ug/L
 RT: 5.924 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32



Tgt Ion: 95 Resp: 15872
 Ion Ratio Lower Upper
 95 100
 97 59.7 46.5 86.3
 132 108.4 68.8 127.8
 130 102.7 73.6 136.6





#35

Methylcyclohexane

Concen: 1.126 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026484.D

Acq: 21 Jun 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

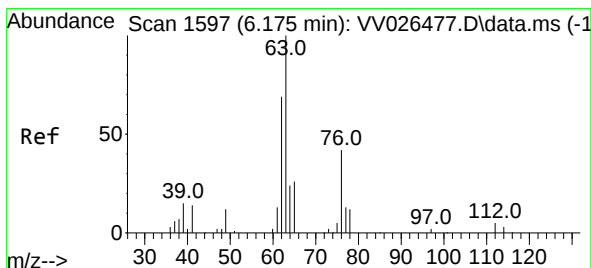
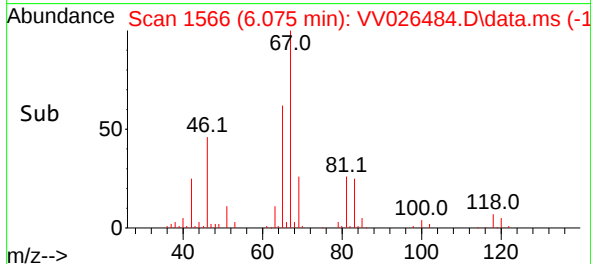
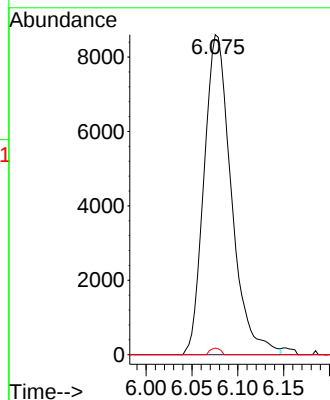
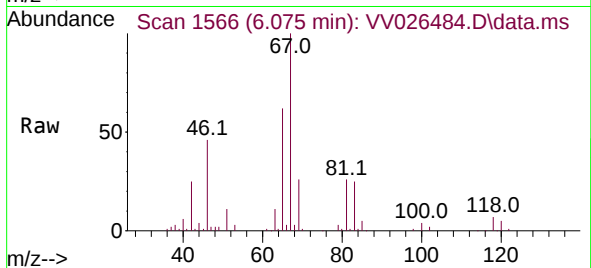
Tgt Ion: 83 Resp: 17827

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.8 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.706 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV026484.D

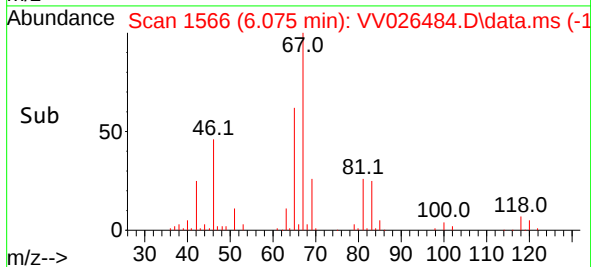
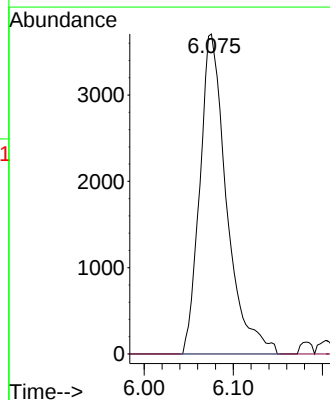
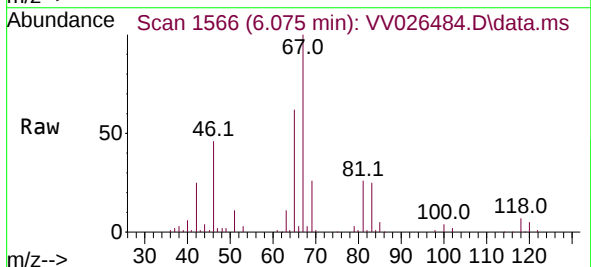
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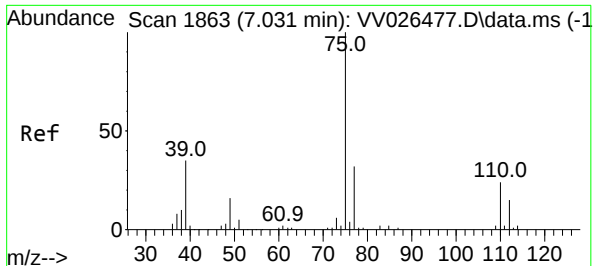
Tgt Ion: 63 Resp: 7738

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026484.D

Acq: 21 Jun 2022 13:32

Instrument :

MSVOA_V

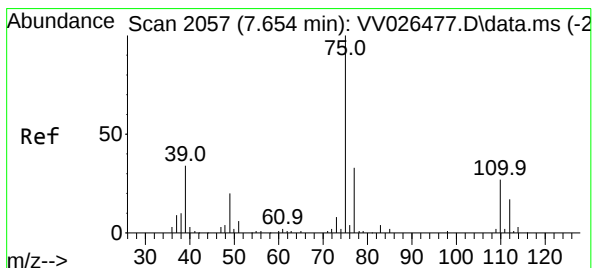
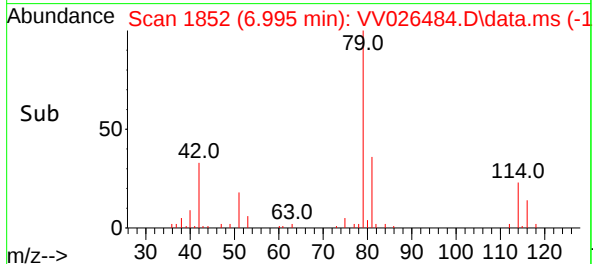
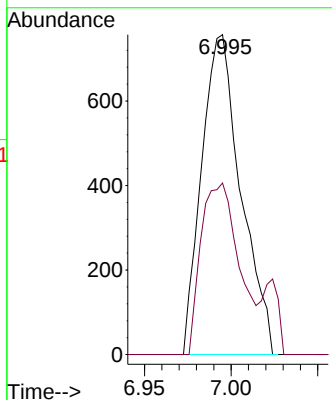
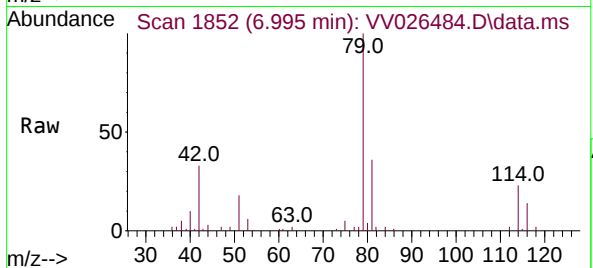
ClientSampleId :

Tgt Ion: 75 Resp: 1191

Ion Ratio Lower Upper

75 100

77 53.6 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026484.D

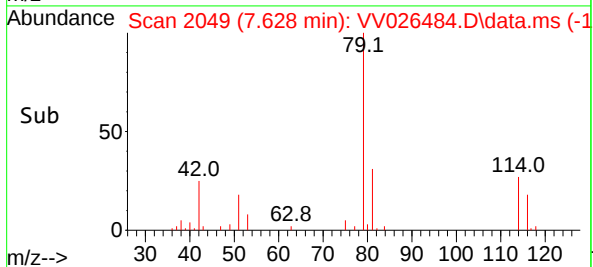
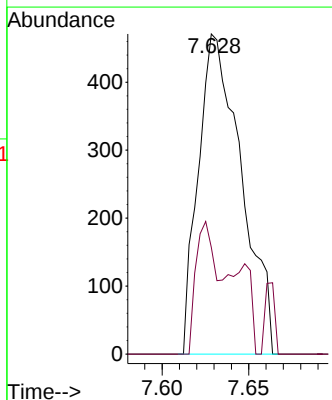
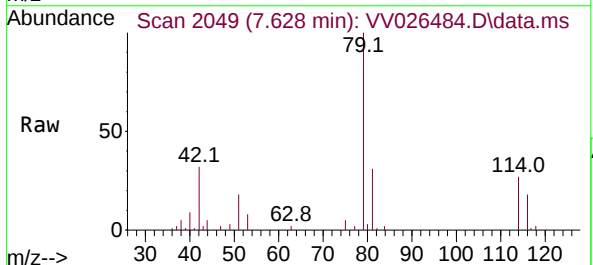
Acq: 21 Jun 2022 13:32

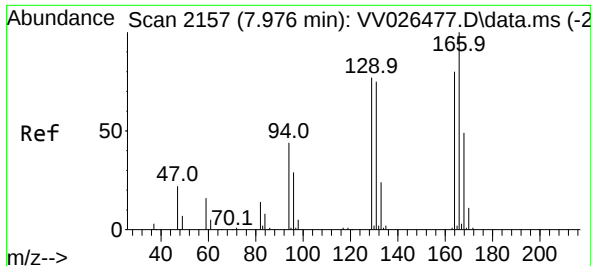
Tgt Ion: 75 Resp: 812

Ion Ratio Lower Upper

75 100

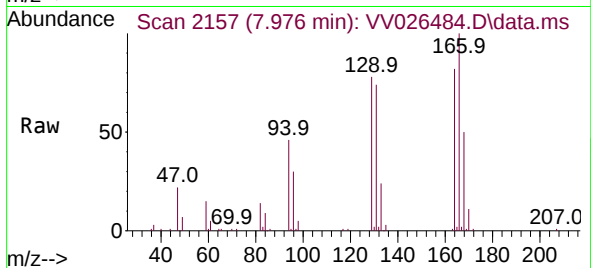
77 33.3 23.7 43.9



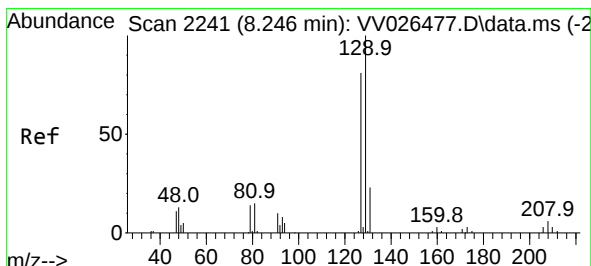
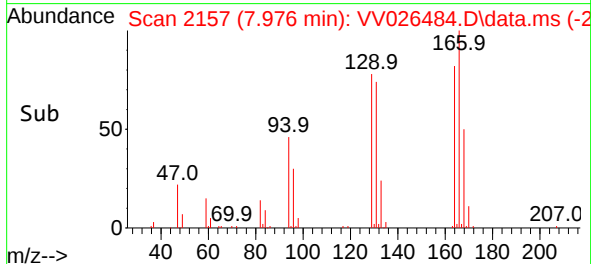
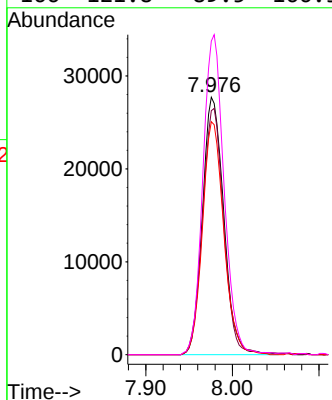


#47
 Tetrachloroethene
 Concen: 5.606 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. -0.000 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32

Instrument :
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 ClientSampleId :

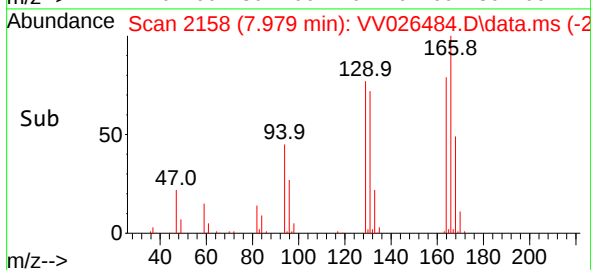
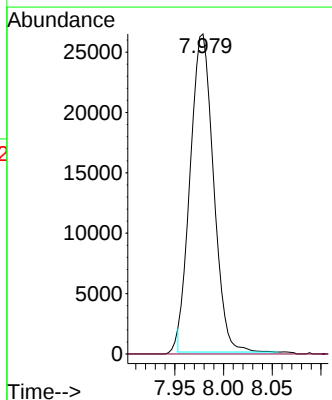
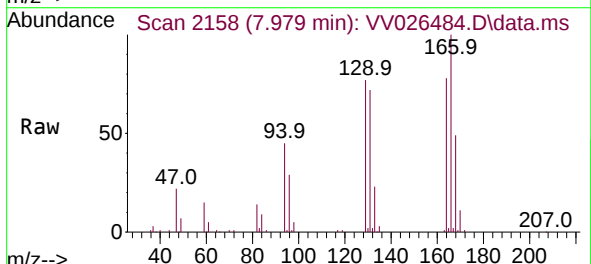


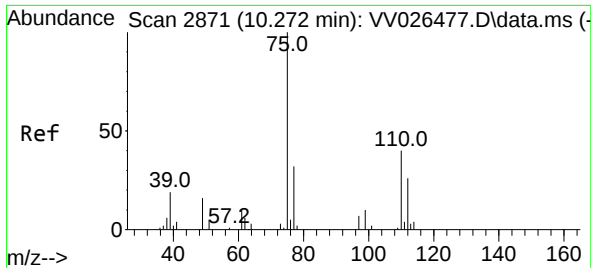
Tgt Ion:	164	Resp:	47509
Ion Ratio	Lower	Upper	
164	100		
129	94.8	67.5	125.3
131	90.5	63.8	118.4
166	121.8	89.5	166.3



#49
 Dibromochloromethane
 Concen: 5.474 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. -0.267 min
 Lab File: VV026484.D
 Acq: 21 Jun 2022 13:32

Tgt Ion:	129	Resp:	43616
Ion Ratio	Lower	Upper	
129	100		
127	0.0	56.4	104.7#





#61

1,2,3-Trichloropropane

Concen: 1.824 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

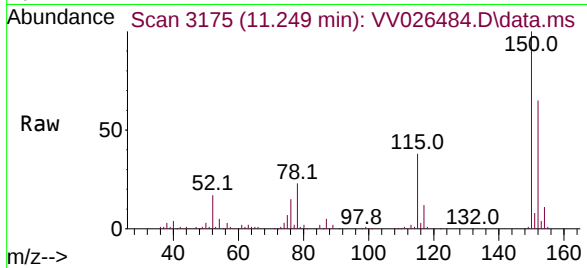
Lab File: VV026484.D

Acq: 21 Jun 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8048

Ion Ratio Lower Upper

75 100

77 29.4 26.9 40.3

110 0.8 30.7 46.1#

