

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026390.D
 Acq On : 17 Jun 2022 19:15
 Operator : SY/MD
 Sample : N3318-12 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 01:16:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	168458	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	55123	3.767	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.584	69	48395	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.124	63	80091	3.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.925	46	82007	57.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.880%
24) Chloroform-d	4.365	84	103252	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.047	65	44166	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.063	84	190247	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.079	67	61145	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.320	98	145384	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.632	79	11700	2.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.800%
46) 2-Hexanone-d5	8.095	63	56723	45.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40866	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	50483	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.330	62	21332	1.467	ug/L #	55
8) Chloroethane	1.584	64	118452	13.122	ug/L #	48
12) 1,1-Dichloroethene	2.134	96	4944	0.465	ug/L #	1
13) Acetone	2.230	43	5082	4.593	ug/L	89
14) Carbon disulfide	2.317	76	2273	0.087	ug/L	98
16) Methylene chloride	2.526	84	6902	0.508	ug/L	95
18) trans-1,2-Dichloroethene	2.780	96	1053	0.102	ug/L	91
19) 1,1-Dichloroethane	3.211	63	25745	1.308	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	42728	4.091	ug/L	100
27) 1,2-Dichloroethane	5.059	62	642	0.066	ug/L #	71
34) Trichloroethene	5.924	95	16894	1.481	ug/L	92
35) Methylcyclohexane	6.079	83	14615	0.926	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	6463	0.591	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	886	0.071	ug/L #	75
47) Tetrachloroethene	7.982	164	4376	0.518	ug/L	91
49) Dibromochloromethane	7.982	129	4493	0.566	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7621	1.751	ug/L #	66

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
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MSVOA_V
ClientSampleId :

Quant Time: Jun 18 01:16:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 01:02:22 2022
Response via : Initial Calibration

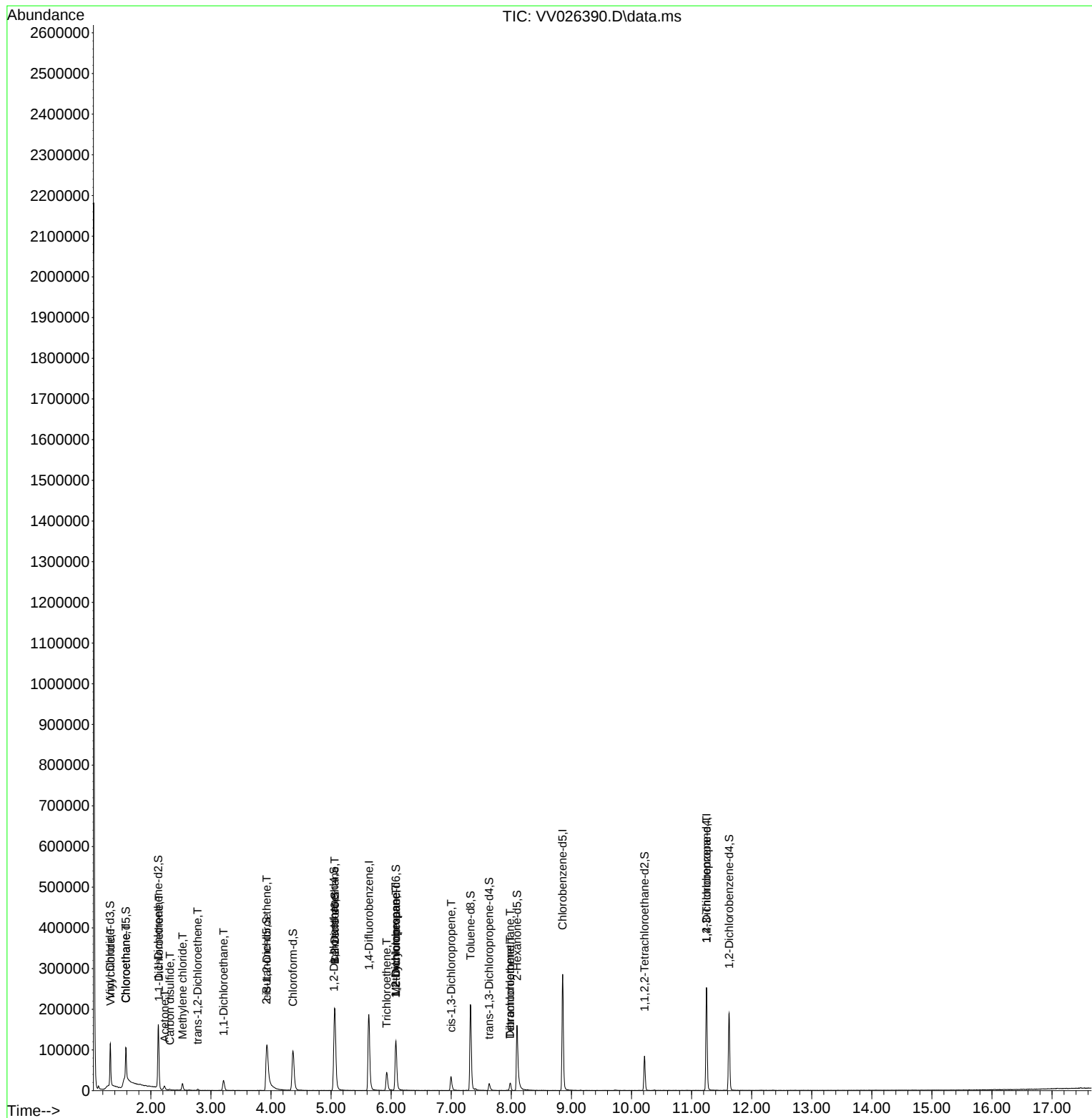
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

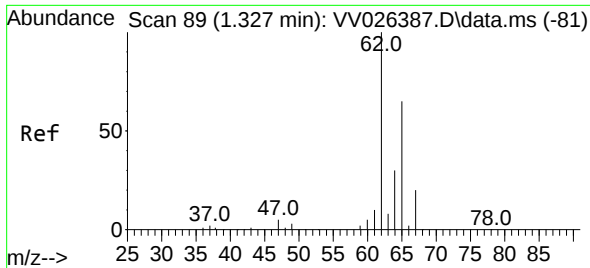
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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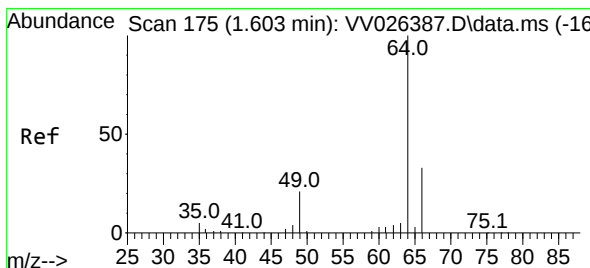
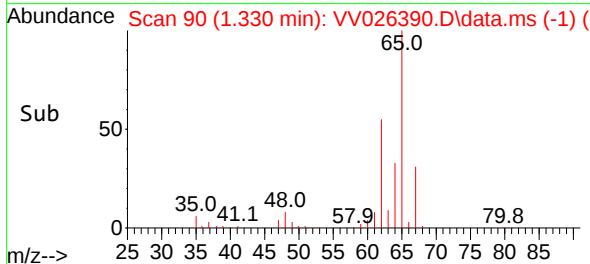
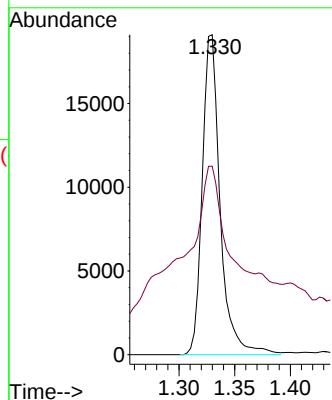
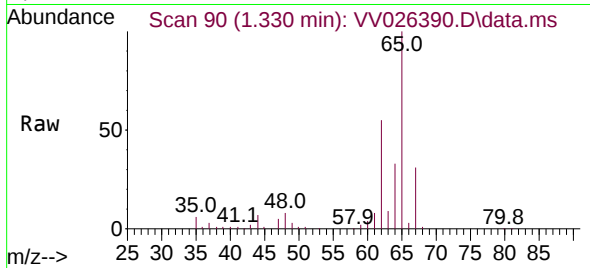




#5
 Vinyl chloride
 Concen: 1.467 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VV026390.D
 Acq: 17 Jun 2022 19:15

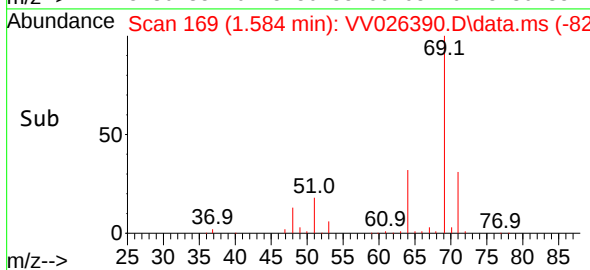
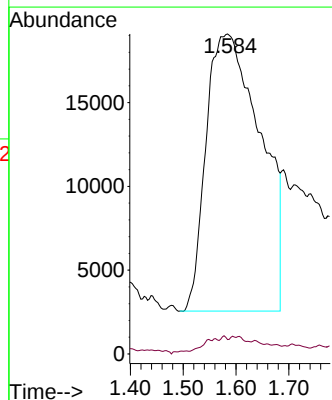
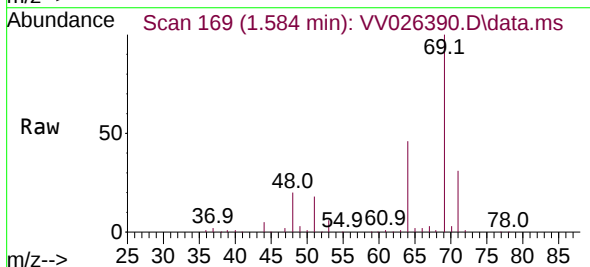
Instrument :
 MSVOA_V
 ClientSampleId :

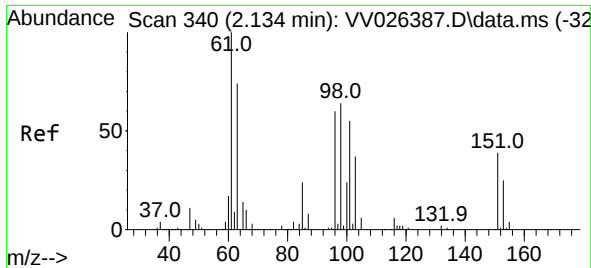
Tgt Ion: 62 Resp: 21332
 Ion Ratio Lower Upper
 62 100
 64 58.9 23.2 43.2#



#8
 Chloroethane
 Concen: 13.122 ug/L
 RT: 1.584 min Scan# 169
 Delta R.T. -0.019 min
 Lab File: VV026390.D
 Acq: 17 Jun 2022 19:15

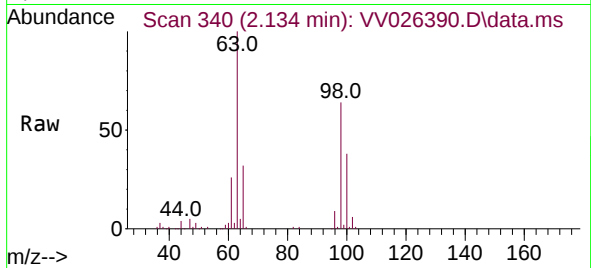
Tgt Ion: 64 Resp: 118452
 Ion Ratio Lower Upper
 64 100
 66 4.5 24.1 44.7#



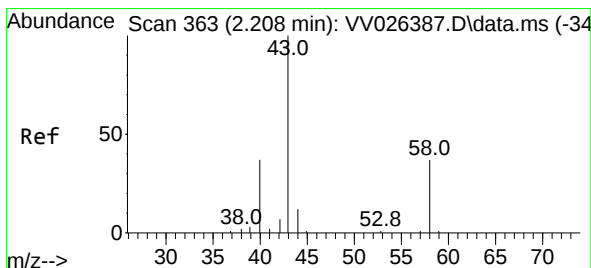
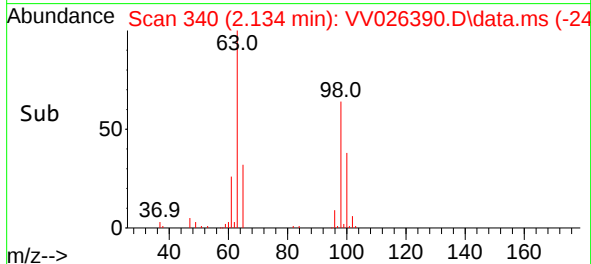
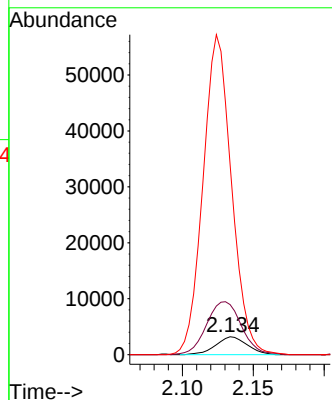


#12
1,1-Dichloroethene
Concen: 0.465 ug/L
RT: 2.134 min Scan# 34
Delta R.T. -0.000 min
Lab File: VV026390.D
Acq: 17 Jun 2022 19:15

Instrument :
MSVOA_V
ClientSampleId :

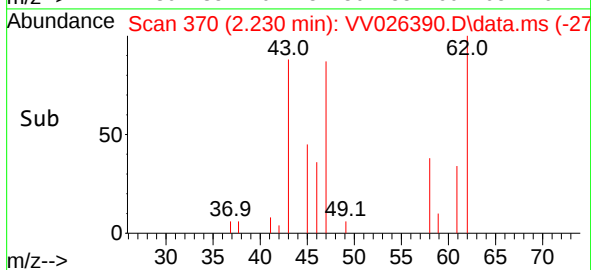
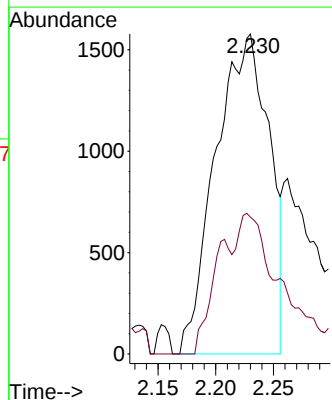
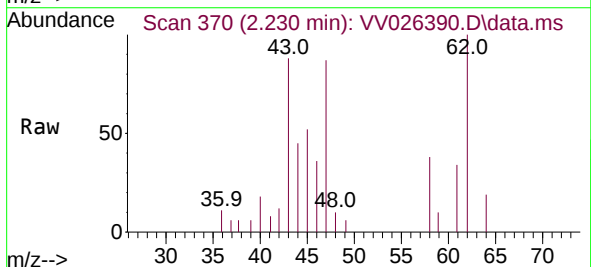


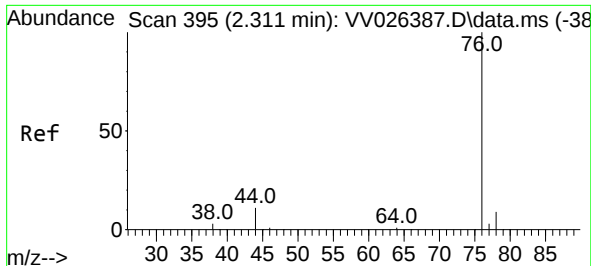
Tgt Ion: 96 Resp: 4944
Ion Ratio Lower Upper
96 100
61 279.8 117.1 217.5#
63 1061.3 92.8 172.4#



#13
Acetone
Concen: 4.593 ug/L
RT: 2.230 min Scan# 370
Delta R.T. 0.022 min
Lab File: VV026390.D
Acq: 17 Jun 2022 19:15

Tgt Ion: 43 Resp: 5082
Ion Ratio Lower Upper
43 100
58 35.8 0.0 60.0





#14

Carbon disulfide

Concen: 0.087 ug/L

RT: 2.317 min Scan# 395

Delta R.T. 0.006 min

Lab File: VV026390.D

Acq: 17 Jun 2022 19:15

Instrument :

MSVOA_V

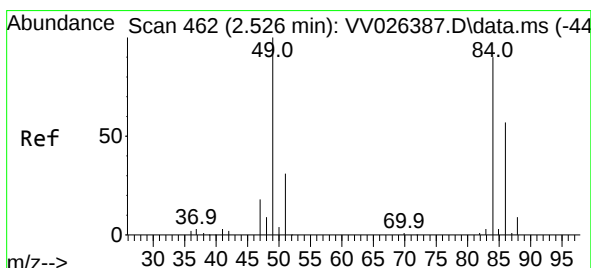
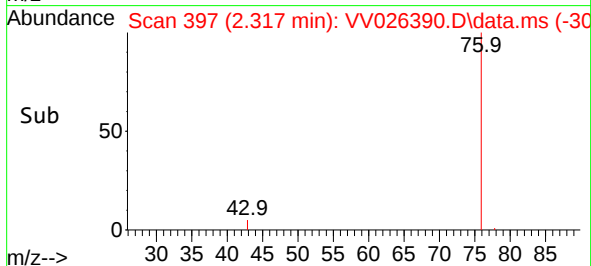
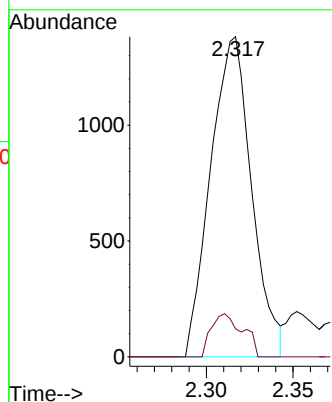
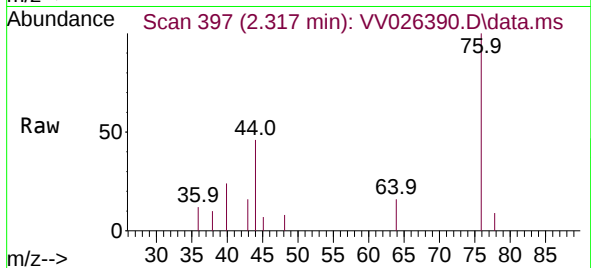
ClientSampleId :

Tgt Ion: 76 Resp: 2273

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5



#16

Methylene chloride

Concen: 0.508 ug/L

RT: 2.526 min Scan# 462

Delta R.T. -0.000 min

Lab File: VV026390.D

Acq: 17 Jun 2022 19:15

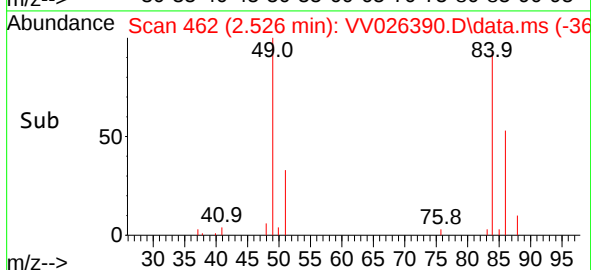
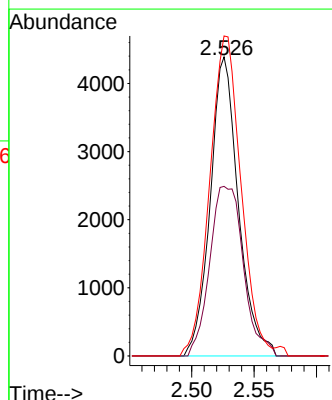
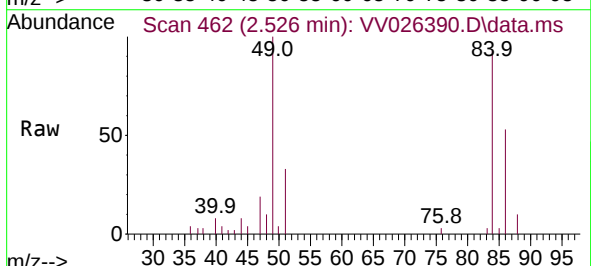
Tgt Ion: 84 Resp: 6902

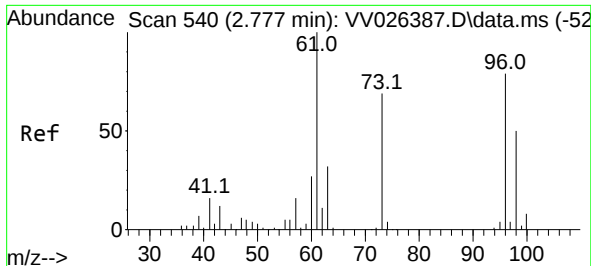
Ion Ratio Lower Upper

84 100

86 56.7 44.0 81.8

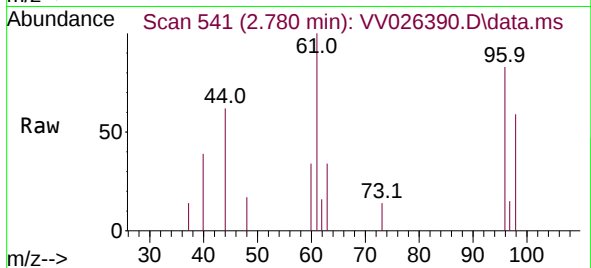
49 107.0 77.3 143.7





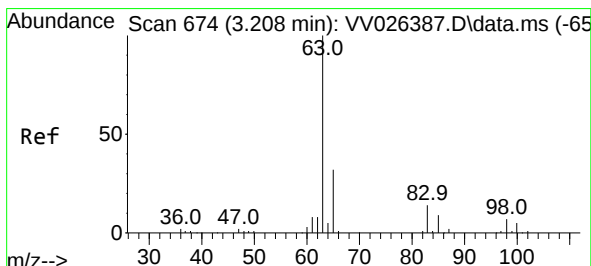
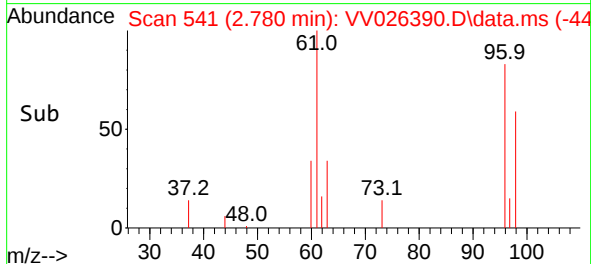
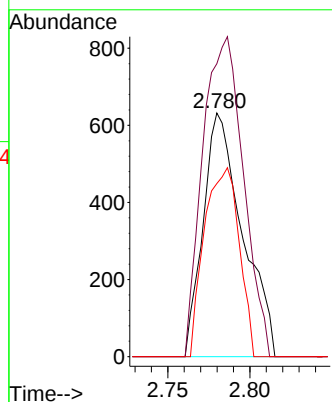
#18
 trans-1,2-Dichloroethene
 Concen: 0.102 ug/L
 RT: 2.780 min Scan# 541
 Delta R.T. 0.003 min
 Lab File: VV026390.D
 Acq: 17 Jun 2022 19:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1053

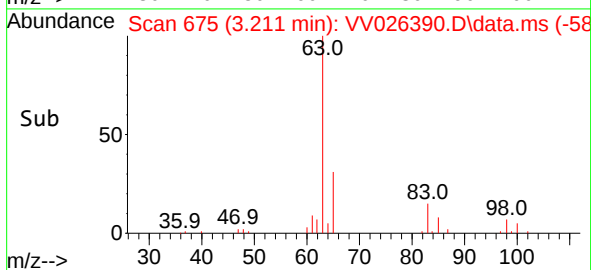
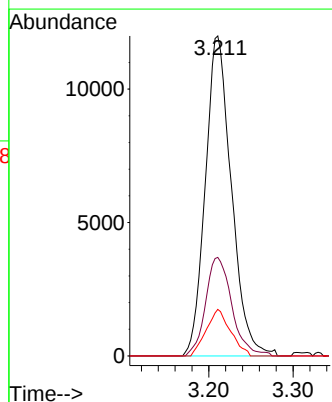
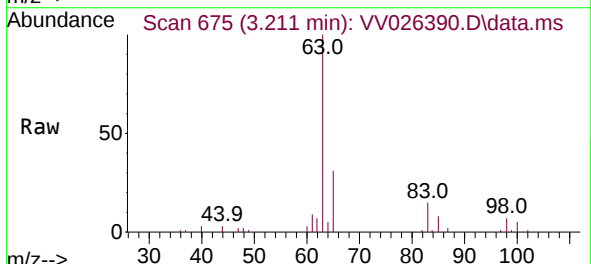
Ion	Ratio	Lower	Upper
96	100		
61	120.3	91.3	169.6
98	71.0	45.3	84.1

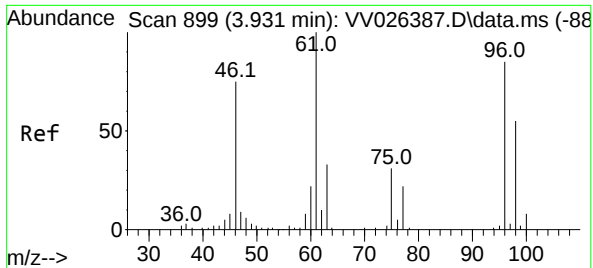


#19
 1,1-Dichloroethane
 Concen: 1.308 ug/L
 RT: 3.211 min Scan# 675
 Delta R.T. 0.003 min
 Lab File: VV026390.D
 Acq: 17 Jun 2022 19:15

Tgt Ion: 63 Resp: 25745

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.3	41.3
83	14.5	8.9	16.5





#22

cis-1,2-Dichloroethene

Concen: 4.091 ug/L

RT: 3.931 min Scan# 899

Delta R.T. -0.000 min

Lab File: VV026390.D

Acq: 17 Jun 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

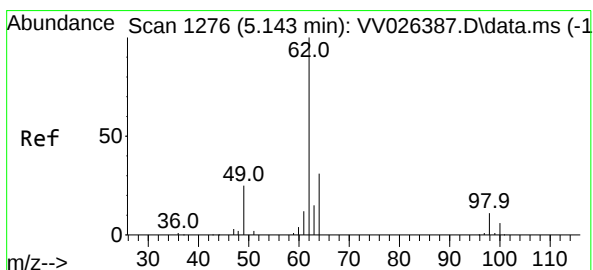
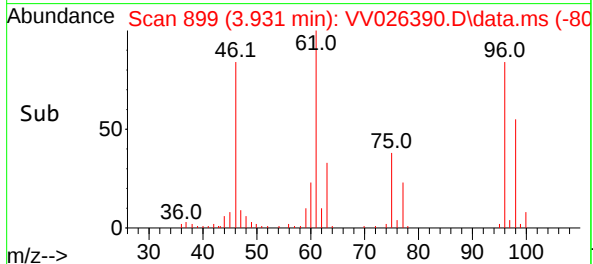
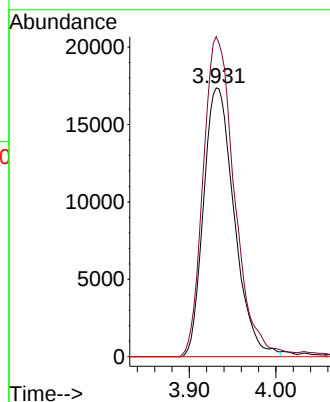
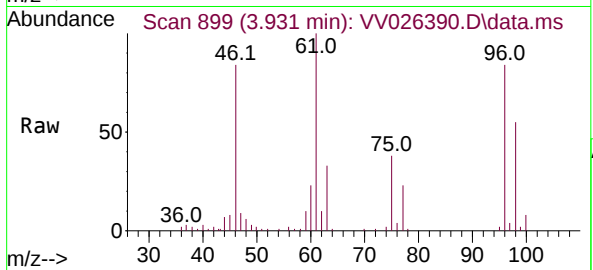
Tgt Ion: 96 Resp: 42728

Ion Ratio Lower Upper

96 100

61 119.0 83.6 155.2

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.066 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.084 min

Lab File: VV026390.D

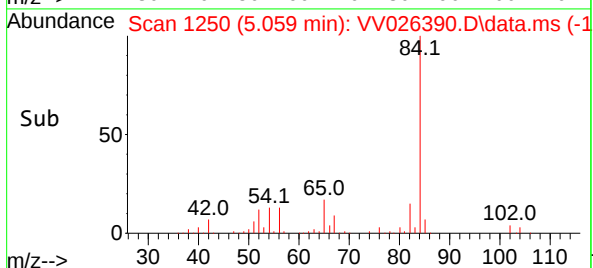
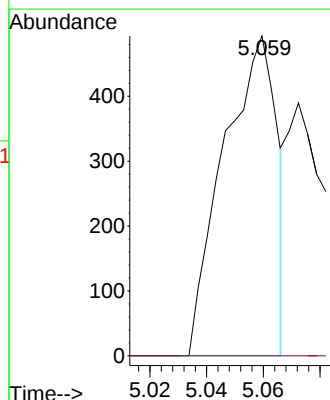
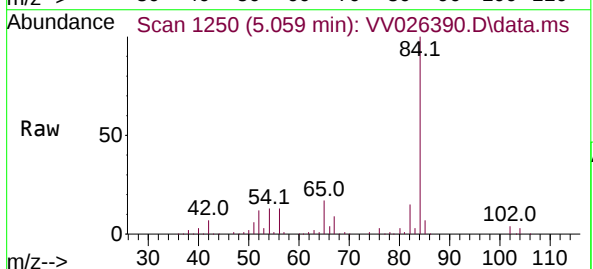
Acq: 17 Jun 2022 19:15

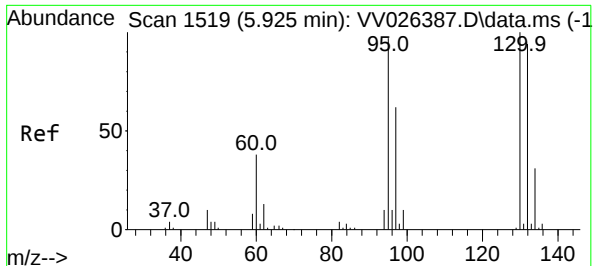
Tgt Ion: 62 Resp: 642

Ion Ratio Lower Upper

62 100

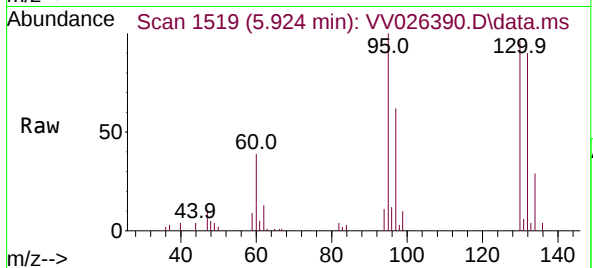
98 0.0 8.6 13.0#



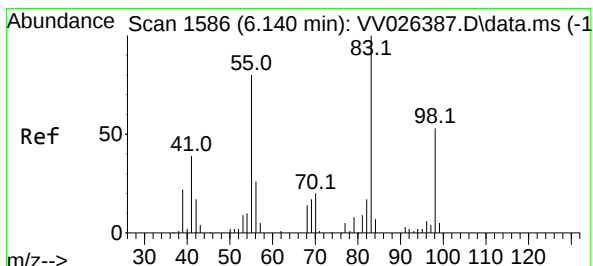
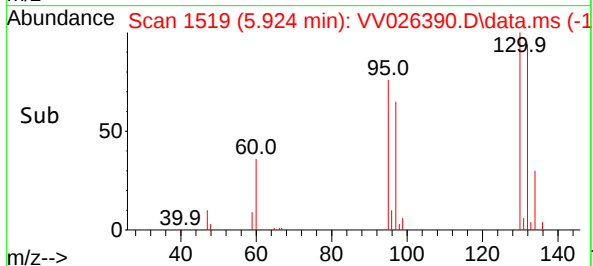
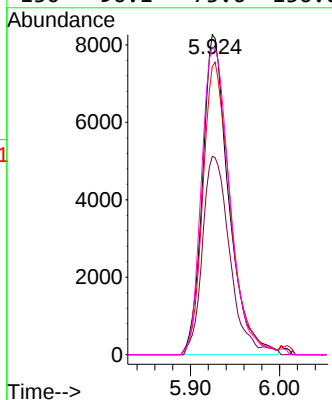


#34
Trichloroethene
Concen: 1.481 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VV026390.D
Acq: 17 Jun 2022 19:15

Instrument :
MSVOA_V
ClientSampleId :

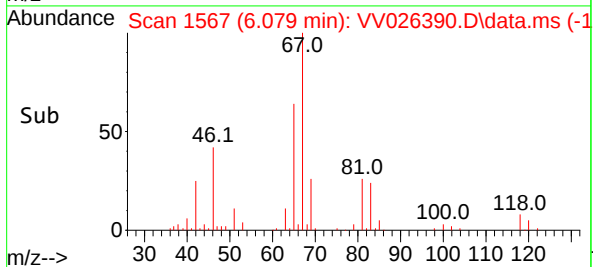
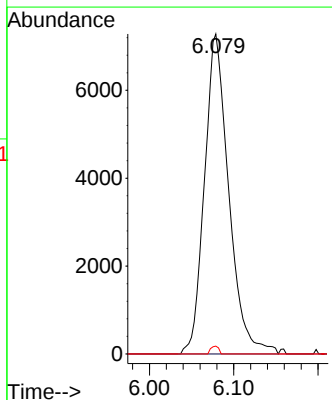
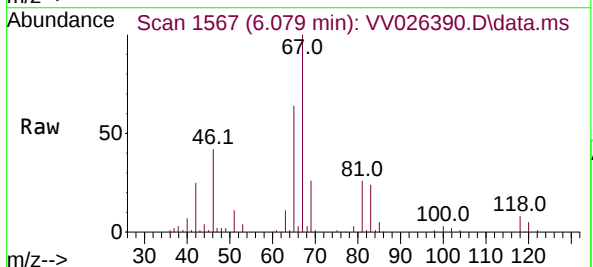


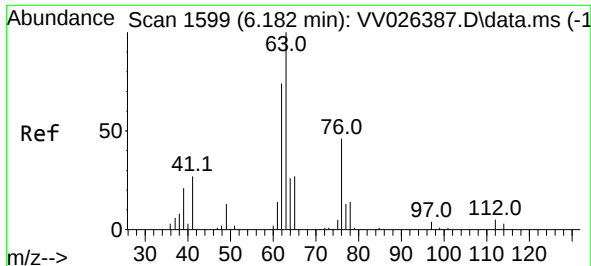
Tgt Ion:	95	Resp:	16894
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.5	86.3
132	90.0	68.8	127.8
130	96.1	73.6	136.6



#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026390.D
Acq: 17 Jun 2022 19:15

Tgt Ion:	83	Resp:	14615
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: 0.591 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026390.D

Acq: 17 Jun 2022 19:15

Instrument :

MSVOA_V

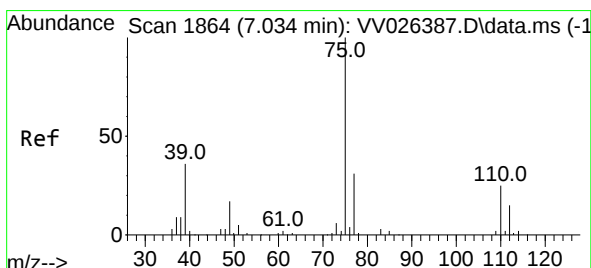
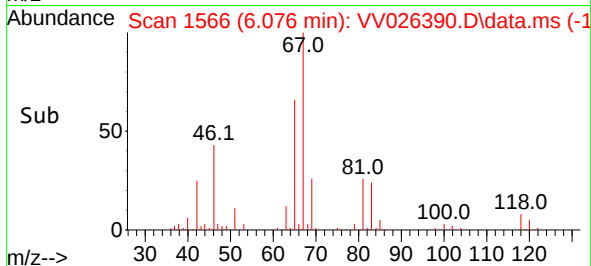
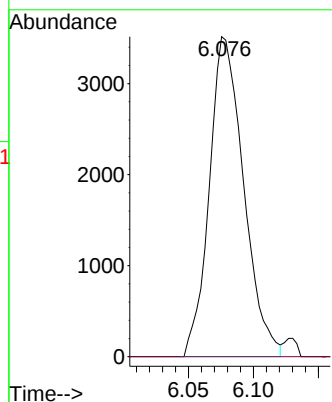
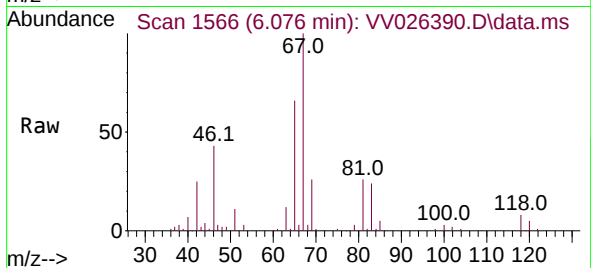
ClientSampleId :

Tgt Ion: 63 Resp: 6463

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.035 min

Lab File: VV026390.D

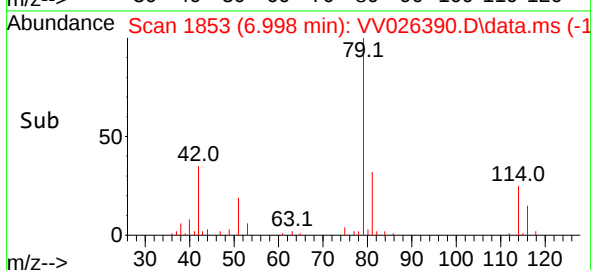
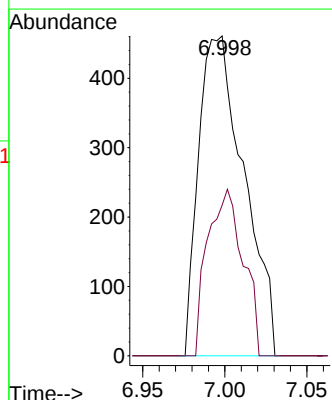
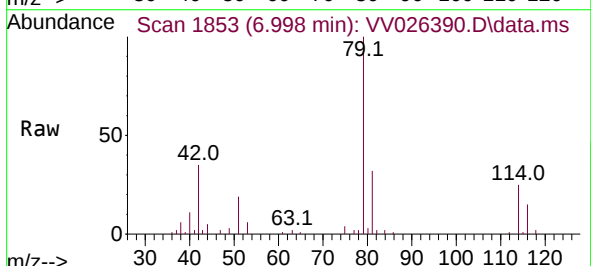
Acq: 17 Jun 2022 19:15

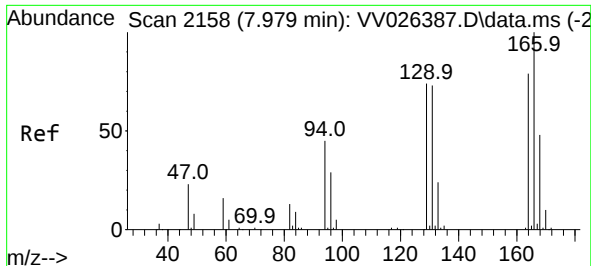
Tgt Ion: 75 Resp: 886

Ion Ratio Lower Upper

75 100

77 47.1 23.0 42.6#





#47

Tetrachloroethene

Concen: 0.518 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV026390.D

Acq: 17 Jun 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 4376

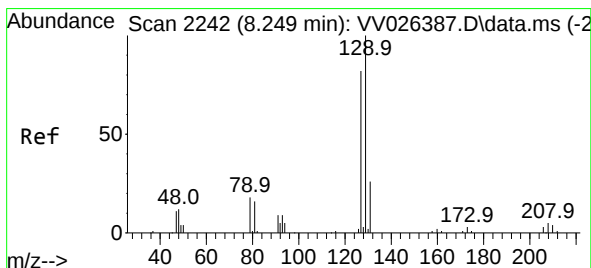
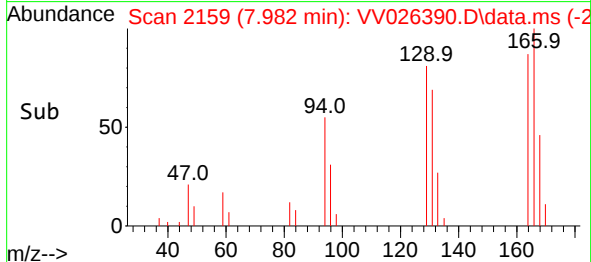
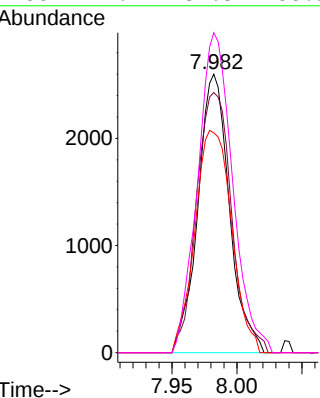
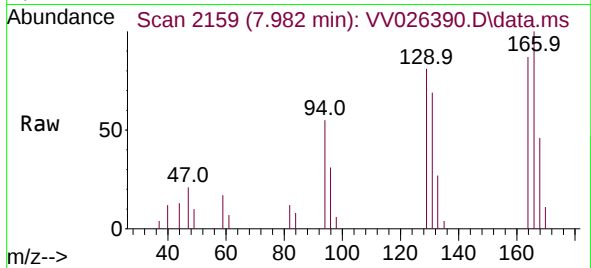
Ion Ratio Lower Upper

164 100

129 93.4 67.5 125.3

131 78.9 63.8 118.4

166 114.9 89.5 166.3



#49

Dibromochloromethane

Concen: 0.566 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV026390.D

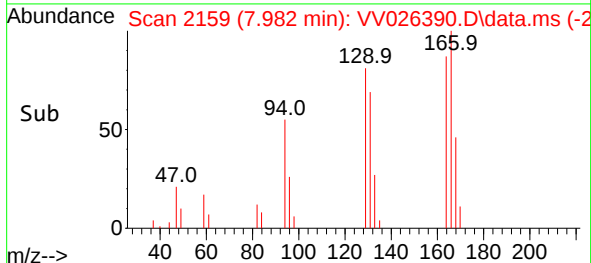
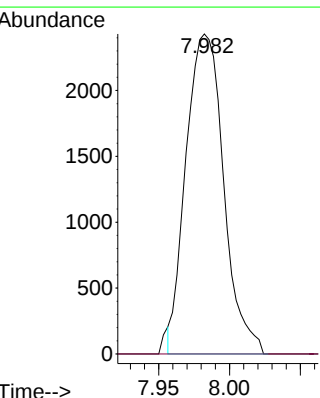
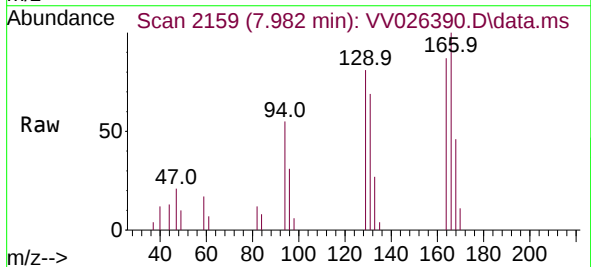
Acq: 17 Jun 2022 19:15

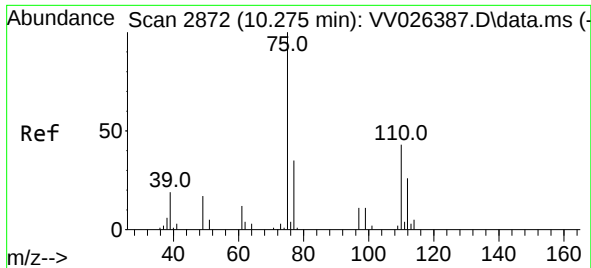
Tgt Ion:129 Resp: 4493

Ion Ratio Lower Upper

129 100

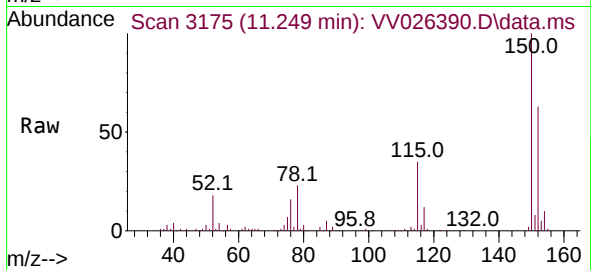
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.751 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026390.D
 Acq: 17 Jun 2022 19:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	7621
Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.9	40.3
110	2.3	30.7	46.1#

