

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026385.D
 Acq On : 17 Jun 2022 16:36
 Operator : SY/MD
 Sample : N3318-08 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:05:56 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	5.629	114	173942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	165662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	55515	3.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.584	69	50140	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.124	63	81889	3.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.934	46	76310	51.764	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.520%
24) Chloroform-d	4.368	84	107019	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.050	65	44283	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.063	84	193437	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.082	67	62136	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.323	98	153452	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.632	79	11732	2.799	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.000%
46) 2-Hexanone-d5	8.095	63	54635	43.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39864	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	51559	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.327	62	2942	0.196	ug/L #	1
8) Chloroethane	1.558	64	56229	6.033	ug/L #	48
13) Acetone	2.217	43	11533	10.095	ug/L	83
14) Carbon disulfide	2.311	76	11807	0.436	ug/L #	92
15) Methyl Acetate	2.217	43	11533	4.207	ug/L #	48
16) Methylene chloride	2.529	84	4832	0.345	ug/L	96
18) trans-1,2-Dichloroethene	2.780	96	2681	0.252	ug/L	97
19) 1,1-Dichloroethane	3.211	63	92554	4.554	ug/L	98
22) cis-1,2-Dichloroethene	3.934	96	1154	0.107	ug/L	88
27) 1,2-Dichloroethane	5.063	62	1192	0.119	ug/L #	71
33) Benzene	5.114	78	2337	0.055	ug/L	100
35) Methylcyclohexane	6.079	83	15348	0.957	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6189	0.557	ug/L #	90
39) cis-1,3-Dichloropropene	6.998	75	827	0.065	ug/L #	45
47) Tetrachloroethene	7.989	164	549	0.064	ug/L	78
49) Dibromochloromethane	7.989	129	500	0.062	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8124	1.808	ug/L #	64

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Quant Time: Jun 18 00:05:56 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

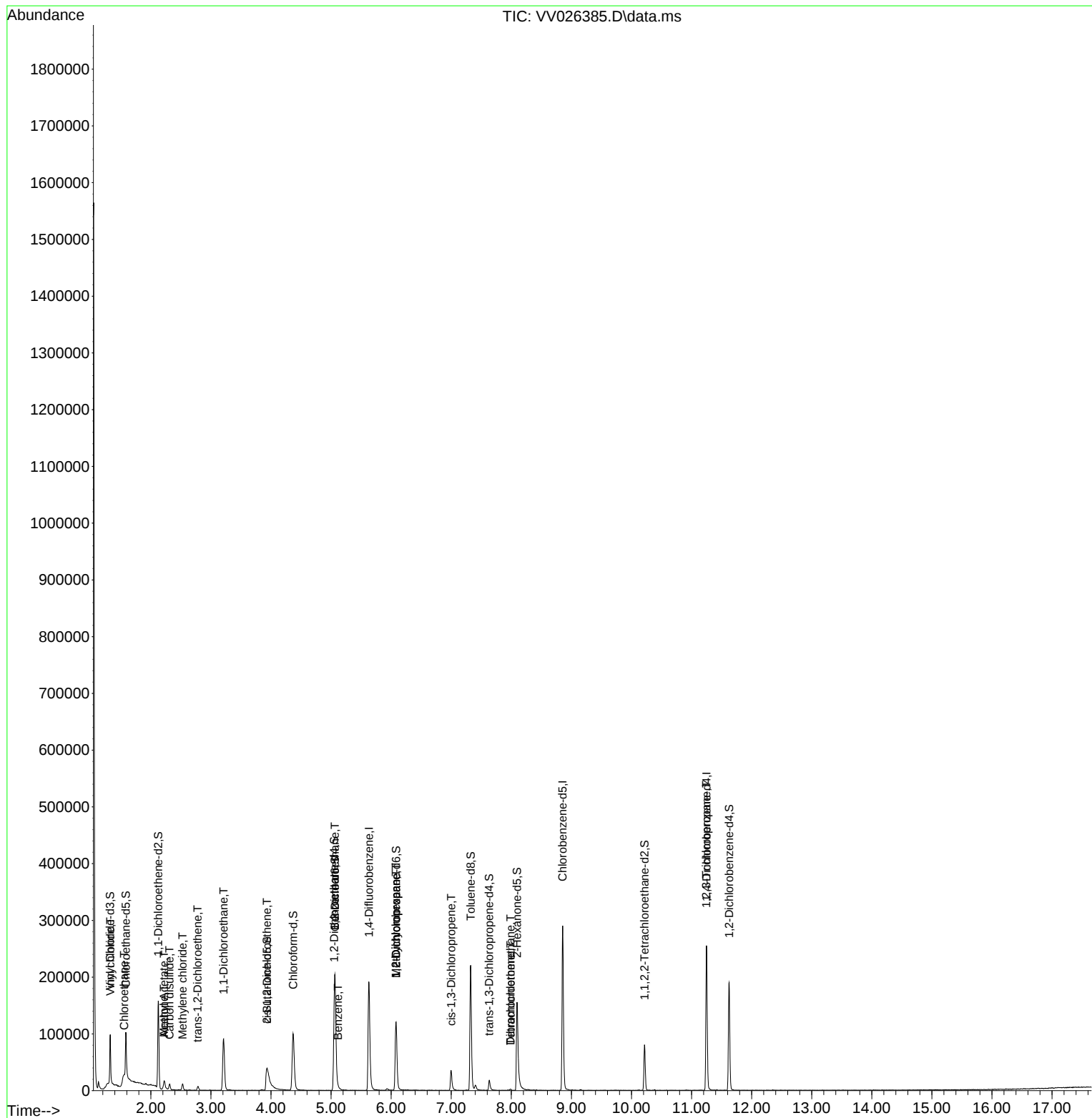
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

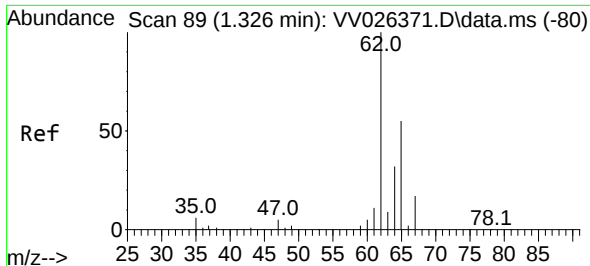
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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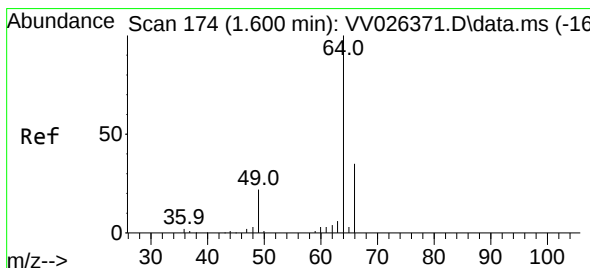
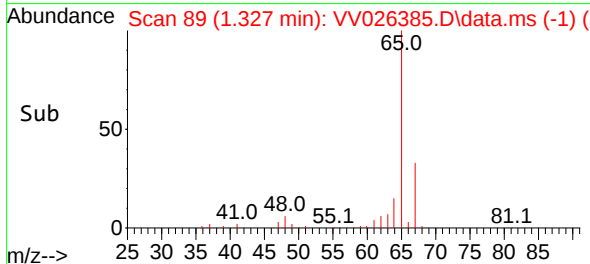
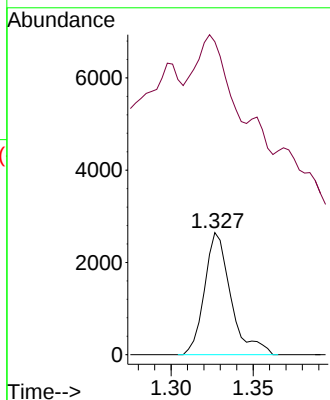
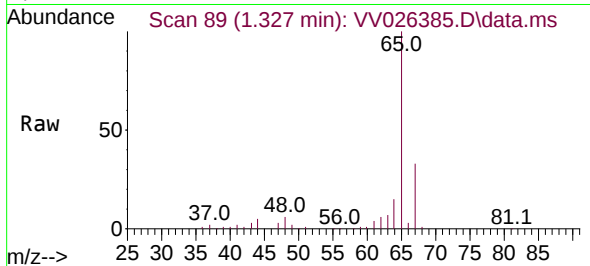




#5
 Vinyl chloride
 Concen: 0.196 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026385.D
 Acq: 17 Jun 2022 16:36

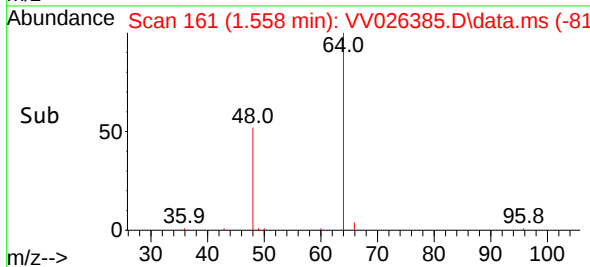
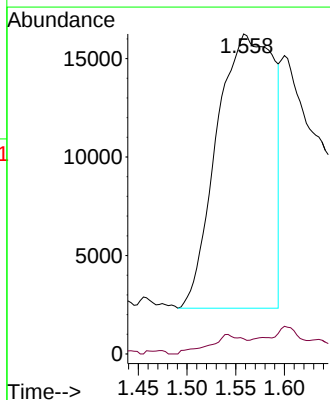
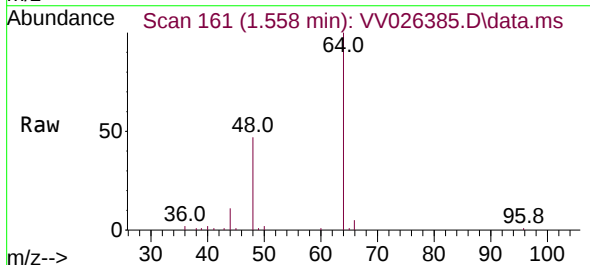
Instrument :
 MSVOA_V
 ClientSampleId :

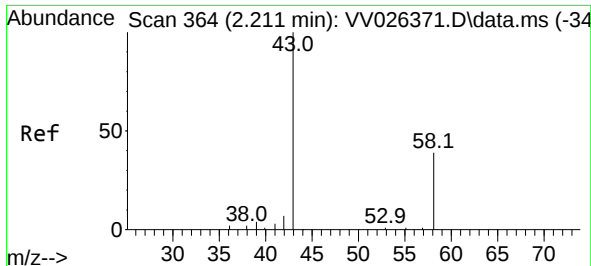
Tgt Ion: 62 Resp: 2942
 Ion Ratio Lower Upper
 62 100
 64 256.2 23.2 43.2#



#8
 Chloroethane
 Concen: 6.033 ug/L
 RT: 1.558 min Scan# 161
 Delta R.T. -0.042 min
 Lab File: VV026385.D
 Acq: 17 Jun 2022 16:36

Tgt Ion: 64 Resp: 56229
 Ion Ratio Lower Upper
 64 100
 66 4.7 24.1 44.7#





#13

Acetone

Concen: 10.095 ug/L

RT: 2.217 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV026385.D

Acq: 17 Jun 2022 16:36

Instrument :

MSVOA_V

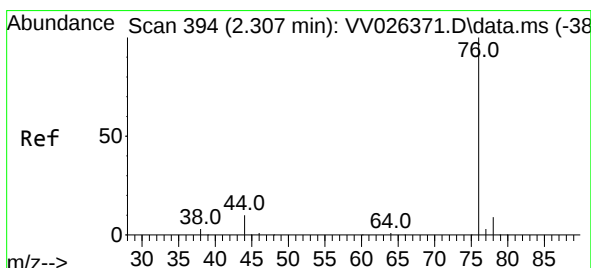
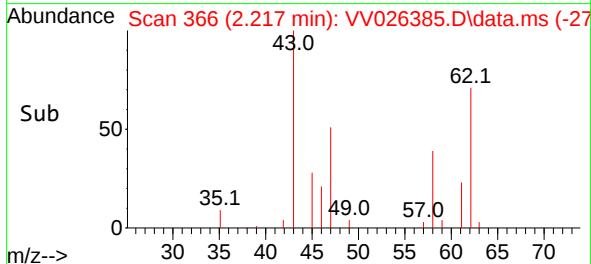
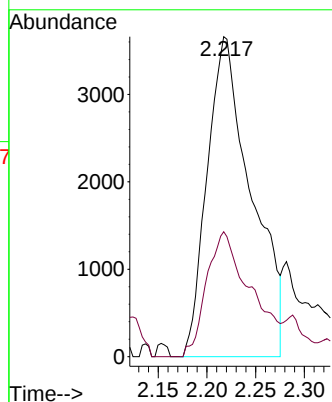
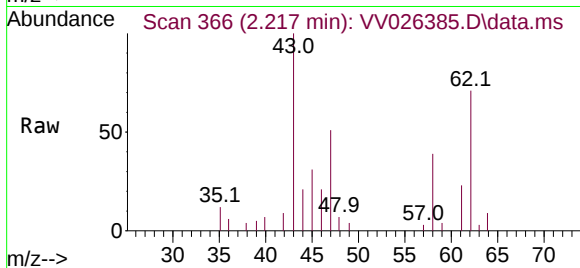
ClientSampleId :

Tgt Ion: 43 Resp: 11533

Ion Ratio Lower Upper

43 100

58 39.1 0.0 60.0



#14

Carbon disulfide

Concen: 0.436 ug/L

RT: 2.311 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026385.D

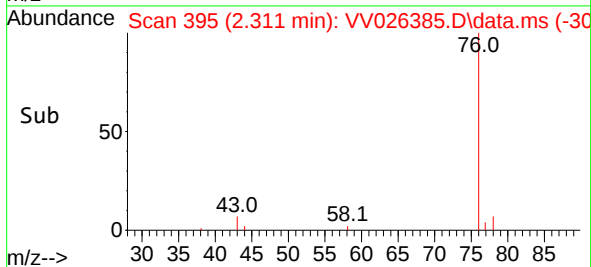
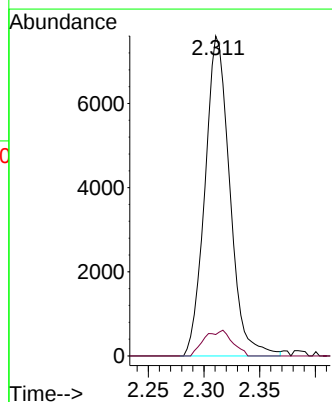
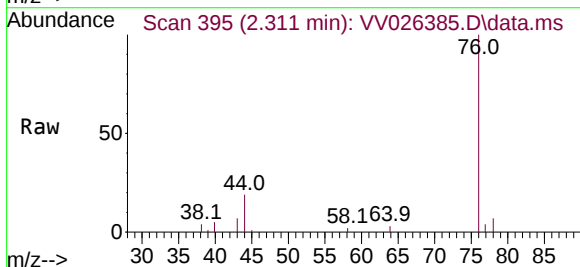
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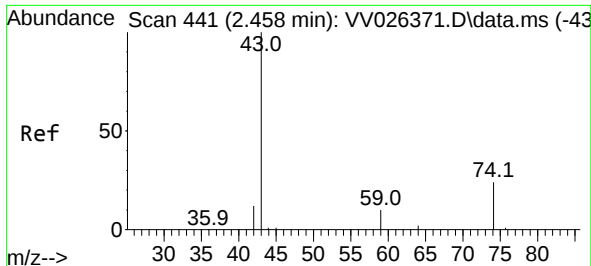
Tgt Ion: 76 Resp: 11807

Ion Ratio Lower Upper

76 100

78 6.7 7.7 11.5#

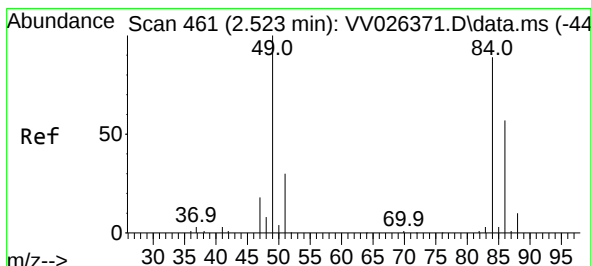
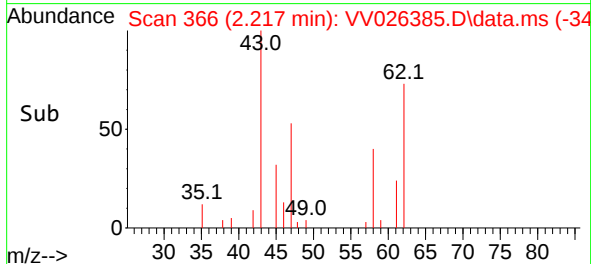
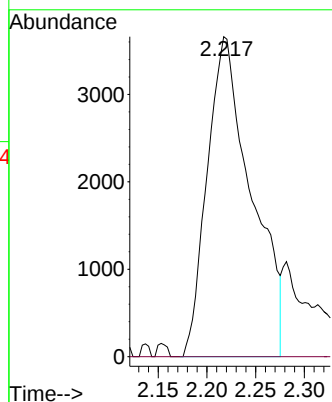
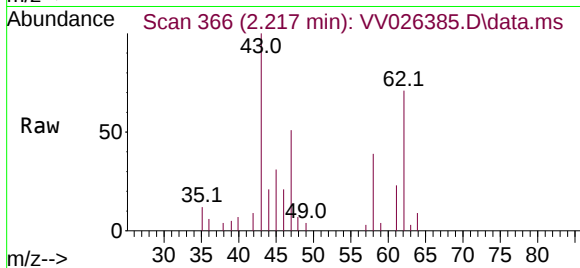




#15
Methyl Acetate
Concen: 4.207 ug/L
RT: 2.217 min Scan# 30
Delta R.T. -0.241 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

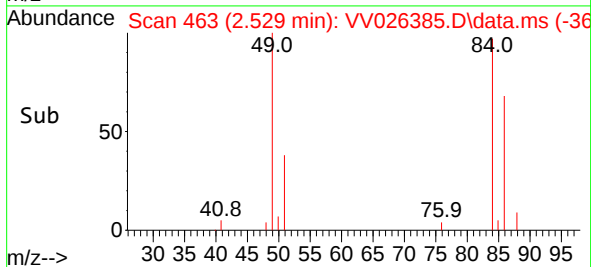
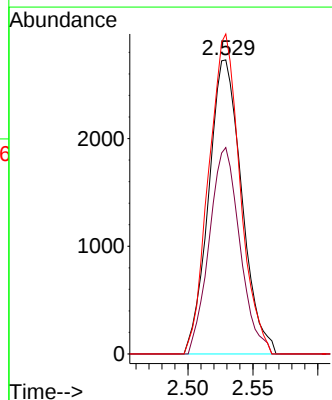
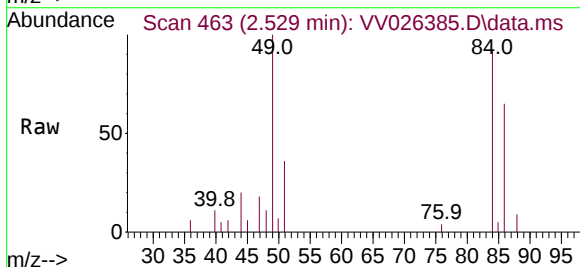
Instrument :
MSVOA_V
ClientSampleId :

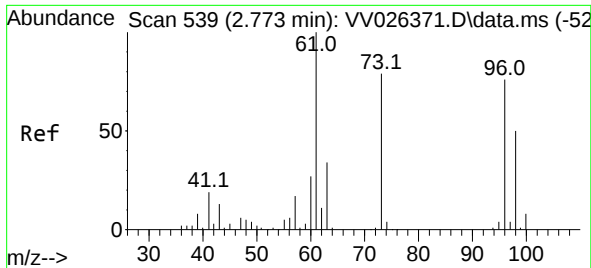
Tgt Ion: 43 Resp: 11533
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#16
Methylene chloride
Concen: 0.345 ug/L
RT: 2.529 min Scan# 463
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

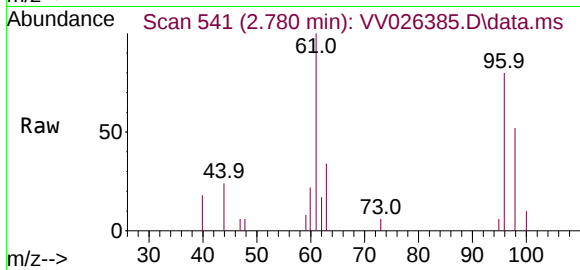
Tgt Ion: 84 Resp: 4832
Ion Ratio Lower Upper
84 100
86 70.2 44.0 81.8
49 108.8 77.3 143.7



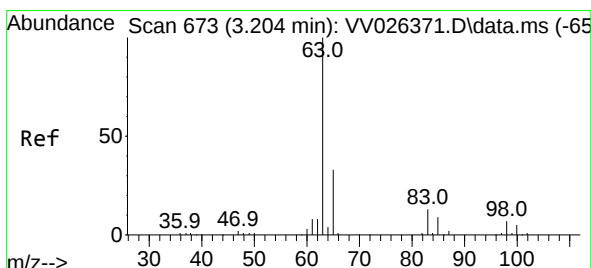
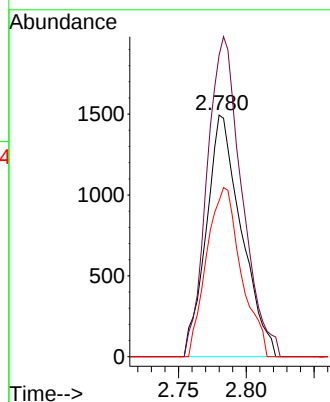
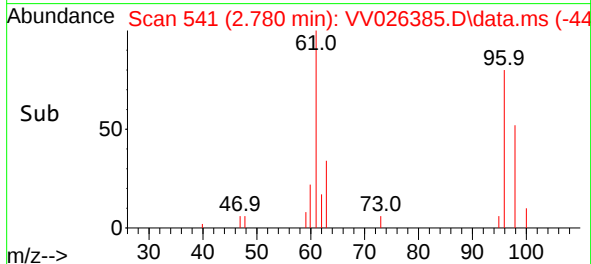


#18
trans-1,2-Dichloroethene
Concen: 0.252 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

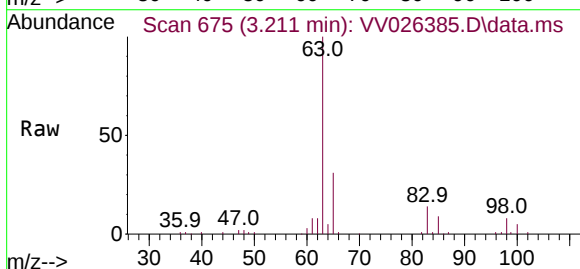
Instrument :
MSVOA_V
ClientSampleId :



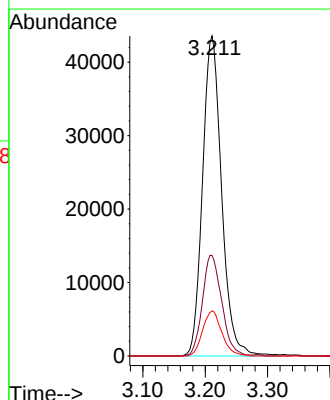
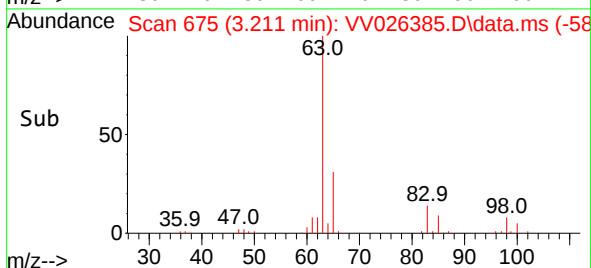
Tgt Ion: 96	Resp: 2681
Ion Ratio	Lower Upper
96 100	
61 124.8	91.3 169.6
98 64.5	45.3 84.1

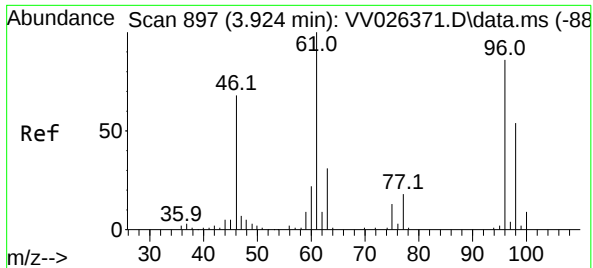


#19
1,1-Dichloroethane
Concen: 4.554 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36



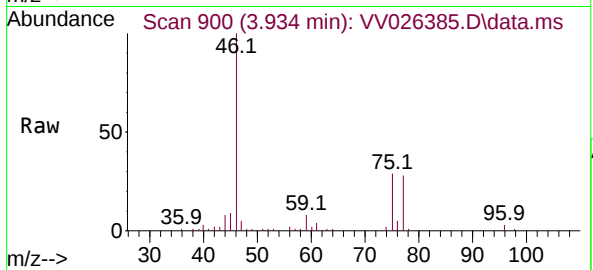
Tgt Ion: 63	Resp: 92554
Ion Ratio	Lower Upper
63 100	
65 31.4	22.3 41.3
83 14.1	8.9 16.5



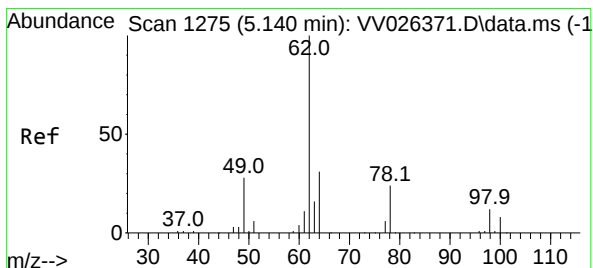
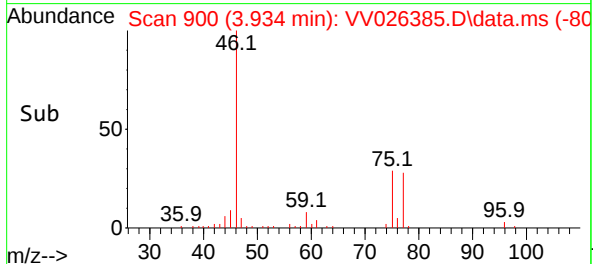
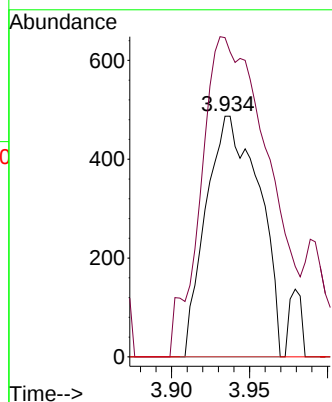


#22
 cis-1,2-Dichloroethene
 Concen: 0.107 ug/L
 RT: 3.934 min Scan# 90
 Delta R.T. 0.010 min
 Lab File: VV026385.D
 Acq: 17 Jun 2022 16:36

Instrument :
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 ClientSampleId :

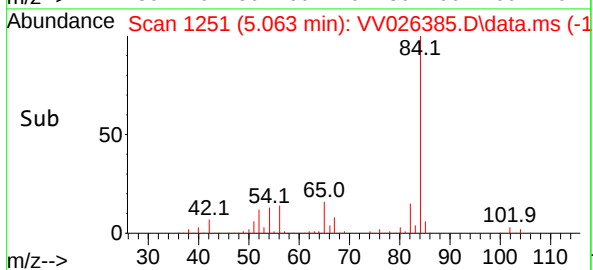
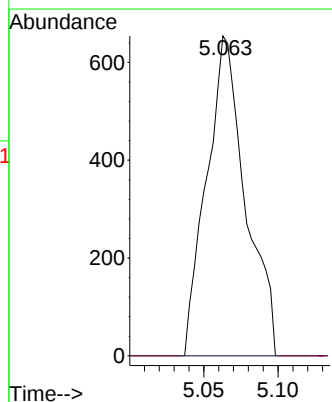
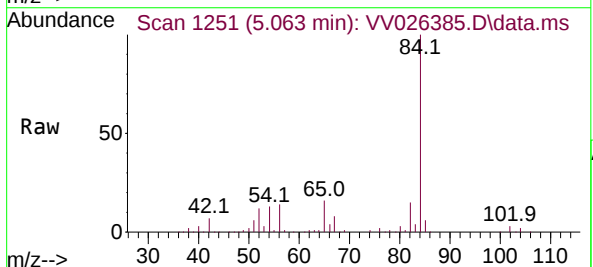


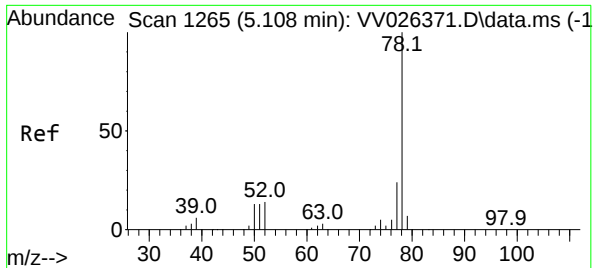
Tgt Ion: 96 Resp: 1154
 Ion Ratio Lower Upper
 96 100
 61 132.6 83.6 155.2
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.119 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. -0.077 min
 Lab File: VV026385.D
 Acq: 17 Jun 2022 16:36

Tgt Ion: 62 Resp: 1192
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 13.0#

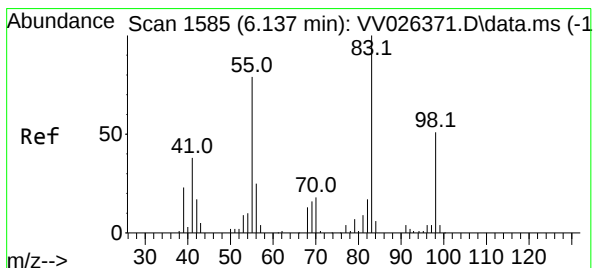
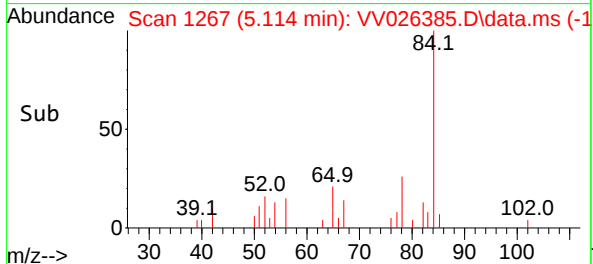
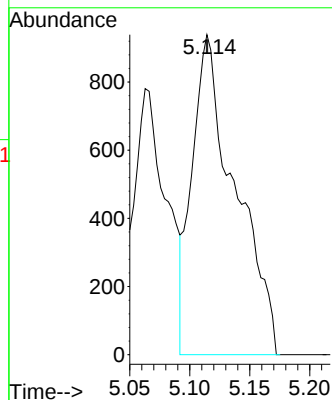
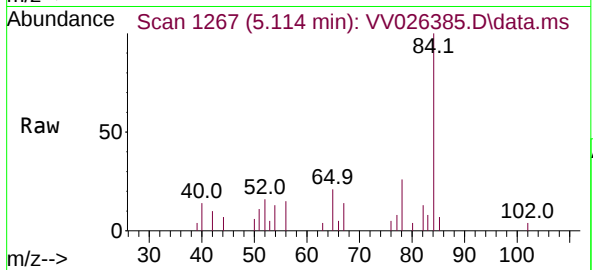




#33
Benzene
Concen: 0.055 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

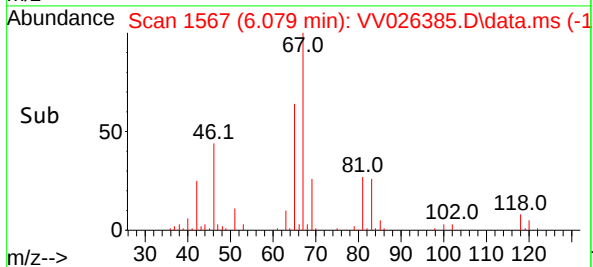
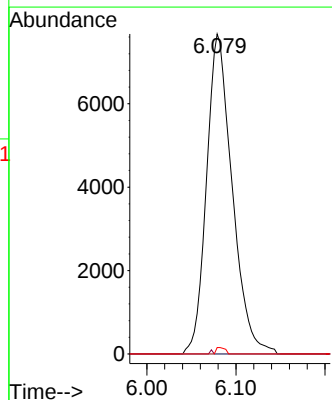
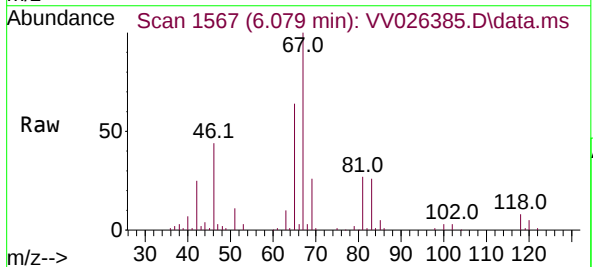
Instrument :
MSVOA_V
ClientSampleId :

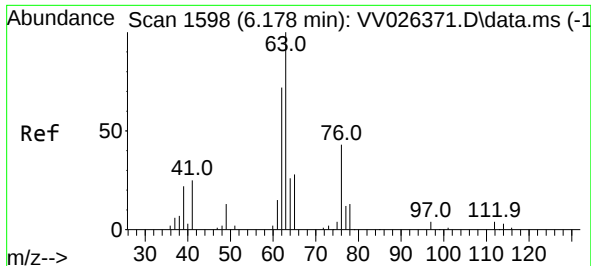
Tgt Ion: 78 Resp: 2337



#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 83 Resp: 15348
Ion Ratio Lower Upper
83 100
55 0.1 59.3 88.9#
98 0.7 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026385.D

Acq: 17 Jun 2022 16:36

Instrument :

MSVOA_V

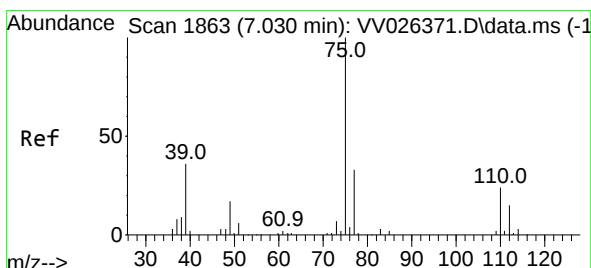
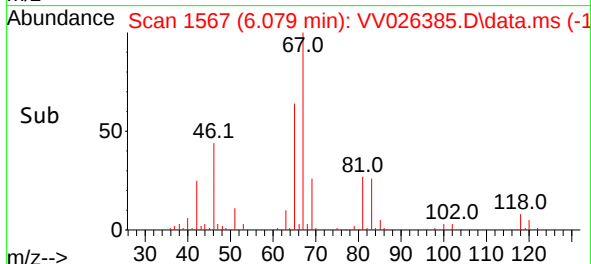
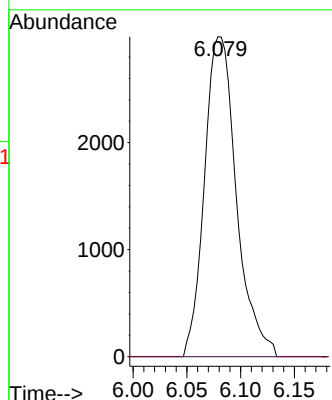
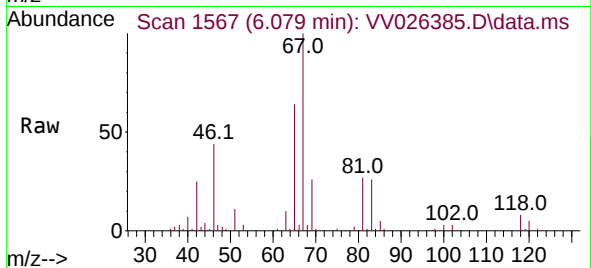
ClientSampleId :

Tgt Ion: 63 Resp: 6189

Ion Ratio Lower Upper

63 100

112 0.8 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV026385.D

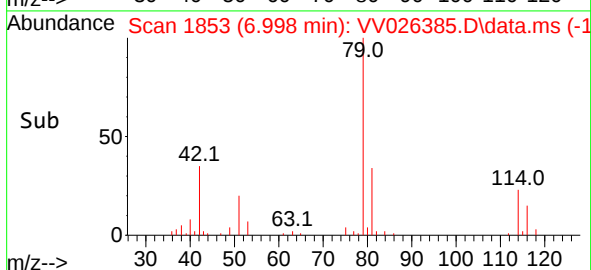
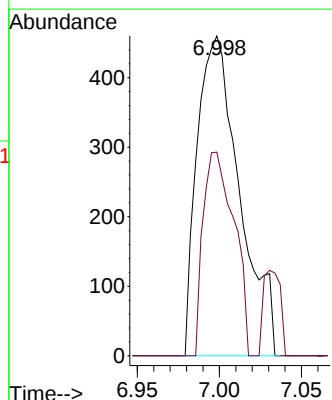
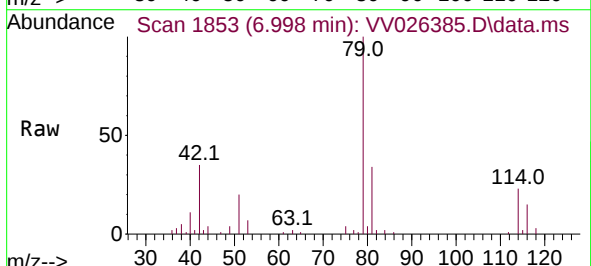
Acq: 17 Jun 2022 16:36

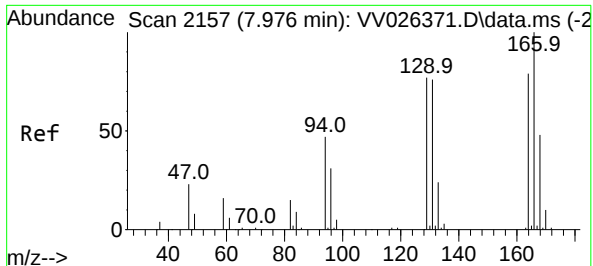
Tgt Ion: 75 Resp: 827

Ion Ratio Lower Upper

75 100

77 63.7 23.0 42.6#





#47

Tetrachloroethene

Concen: 0.064 ug/L

RT: 7.989 min Scan# 2157

Delta R.T. 0.013 min

Lab File: VV026385.D

Acq: 17 Jun 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 549

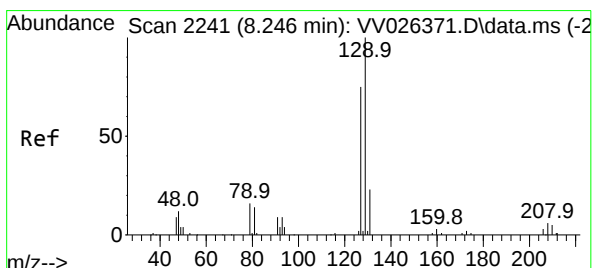
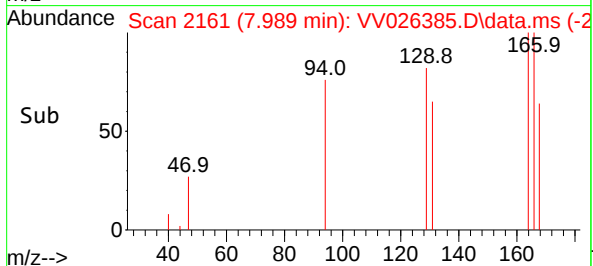
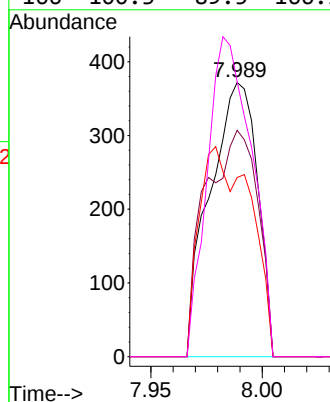
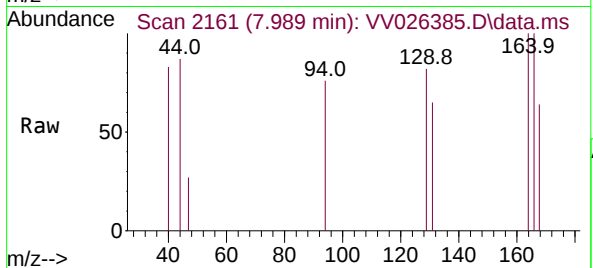
Ion Ratio Lower Upper

164 100

129 82.5 67.5 125.3

131 65.3 63.8 118.4

166 100.3 89.5 166.3



#49

Dibromochloromethane

Concen: 0.062 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.257 min

Lab File: VV026385.D

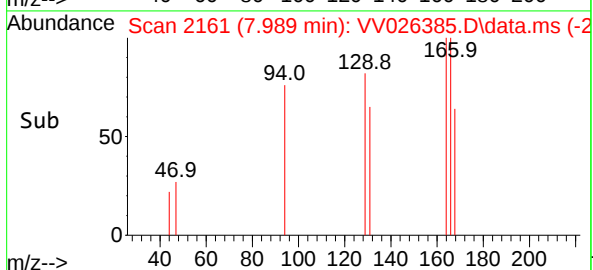
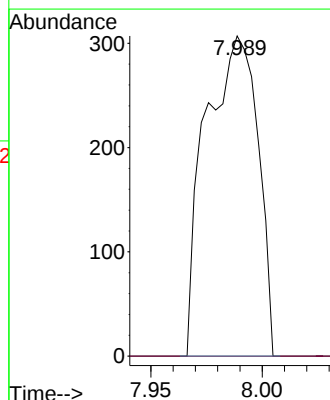
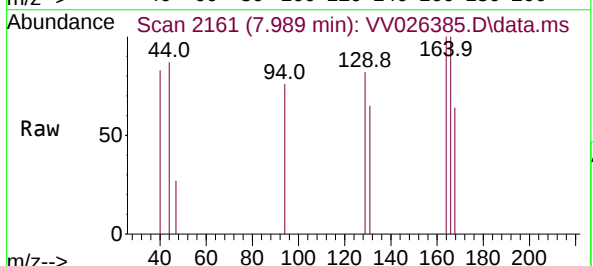
Acq: 17 Jun 2022 16:36

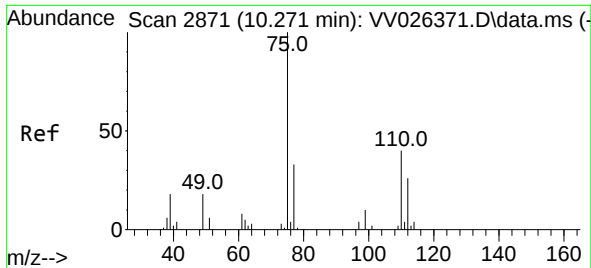
Tgt Ion:129 Resp: 500

Ion Ratio Lower Upper

129 100

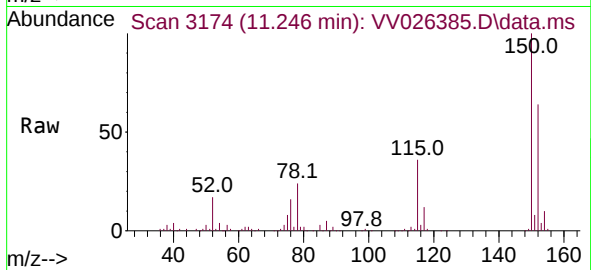
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.808 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026385.D
 Acq: 17 Jun 2022 16:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.9	40.3
110	1.0	30.7	46.1

