

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026675.D
 Acq On : 07 Jul 2022 13:53
 Operator : SY/MD
 Sample : N3598-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN9

Quant Time: Jul 08 03:00:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

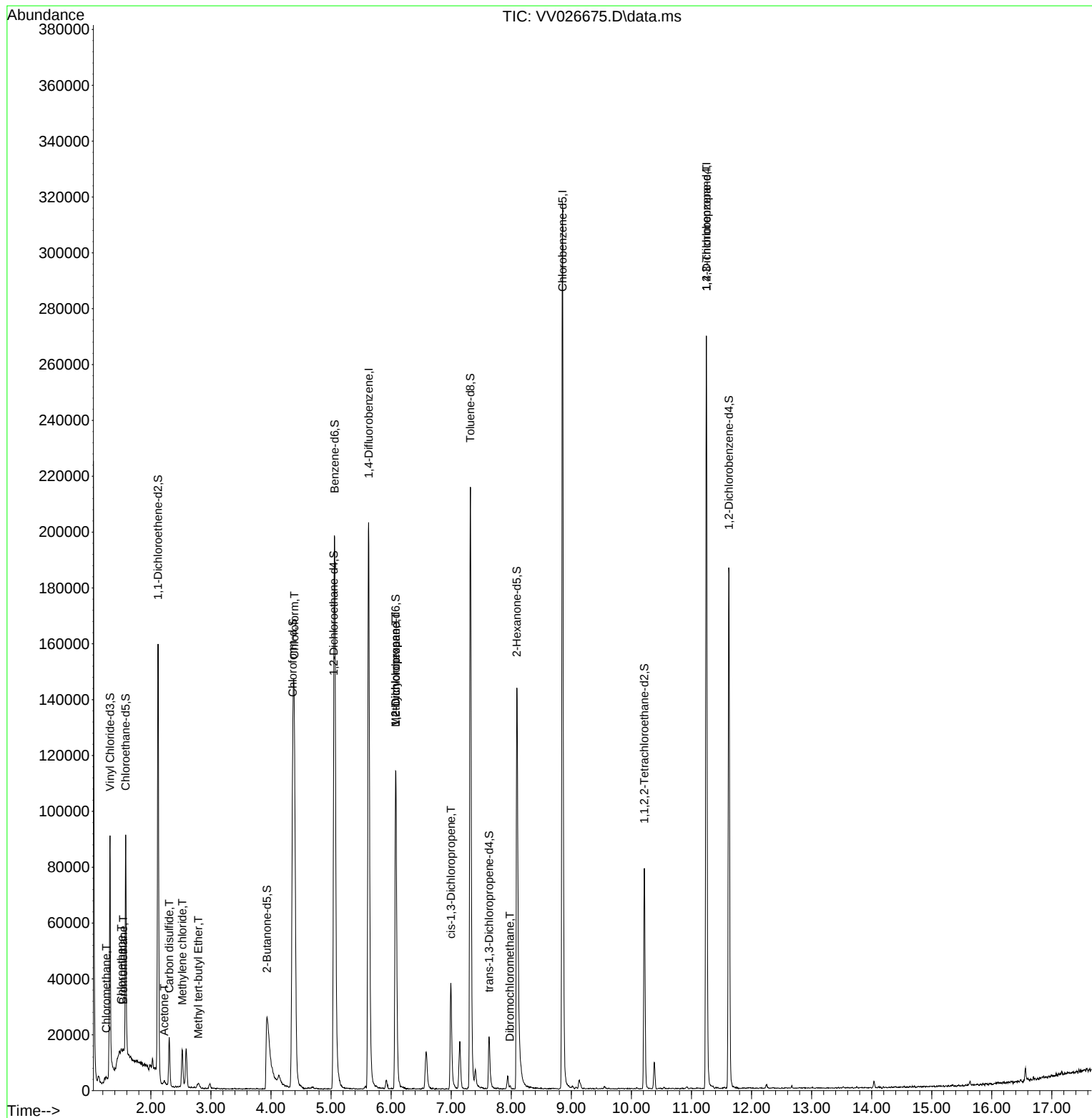
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	56723	3.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.581	69	50825	4.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.121	63	80187	3.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.934	46	66934	44.782	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	4.362	84	109765	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.043	65	42500	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.060	84	192248	3.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	6.076	67	58745	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.320	98	151501	3.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	7.632	79	13418	3.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.092	63	51513	35.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39728	4.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	51440	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	850	0.055	ug/L	97
6) Bromomethane	1.539	94	510	0.057	ug/L	82
8) Chloroethane	1.507	64	2355	0.209	ug/L #	55
13) Acetone	2.224	43	3946	4.162	ug/L	68
14) Carbon disulfide	2.304	76	20698	0.621	ug/L	97
16) Methylene chloride	2.523	84	5977	0.446	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	1501	0.073	ug/L #	79
25) Chloroform	4.388	83	115263	4.658	ug/L	99
35) Methylcyclohexane	6.079	83	14980	0.715	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	6230	0.480	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1023	0.078	ug/L #	79
49) Dibromochloromethane	7.979	129	218	0.026	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7875	1.621	ug/L #	62

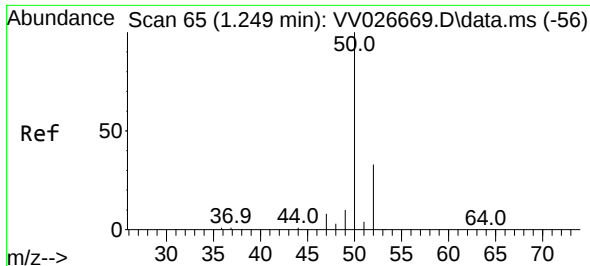
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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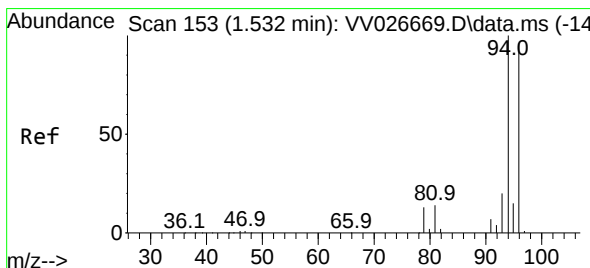
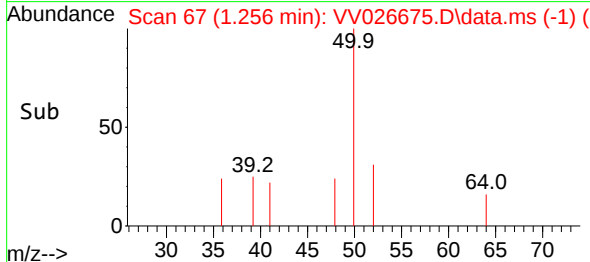
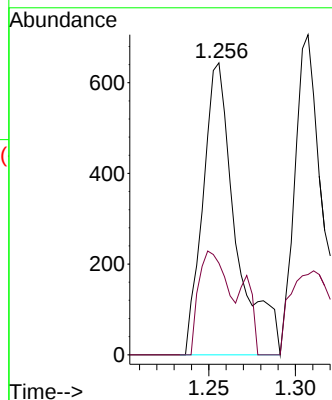
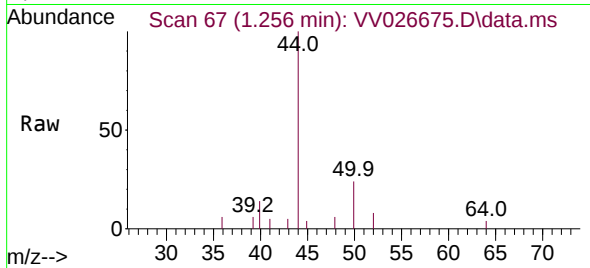




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

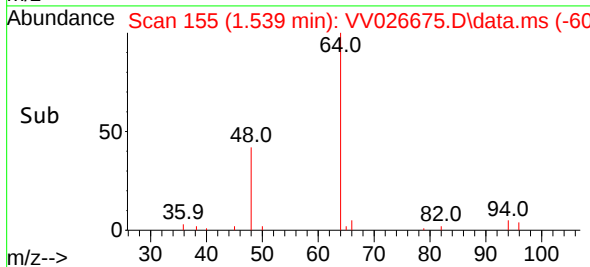
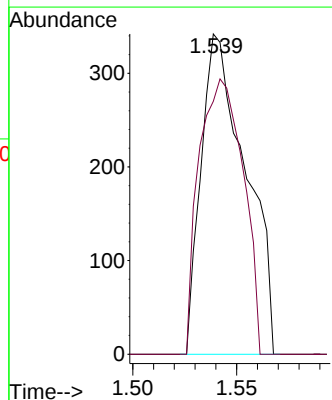
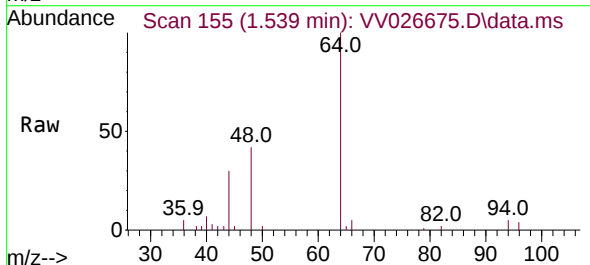
Instrument :
MSVOA_V
ClientSampleId :
C0AN9

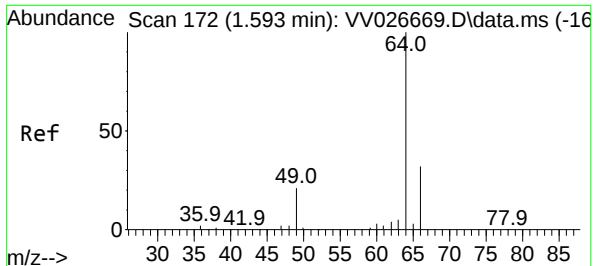
Tgt Ion: 50 Resp: 850
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.6



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 78.9 68.0 126.2

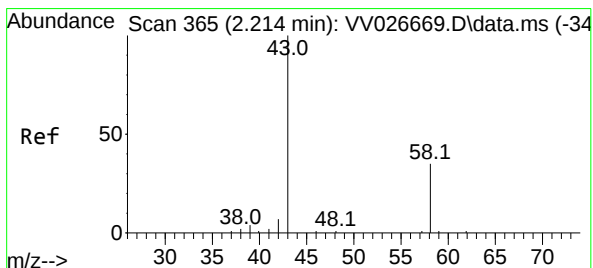
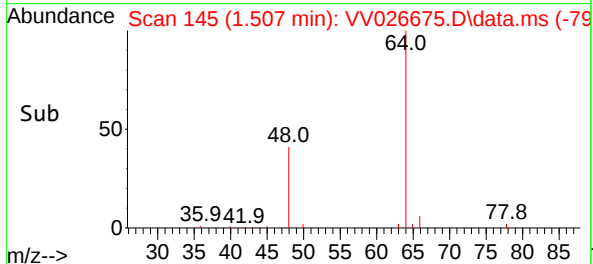
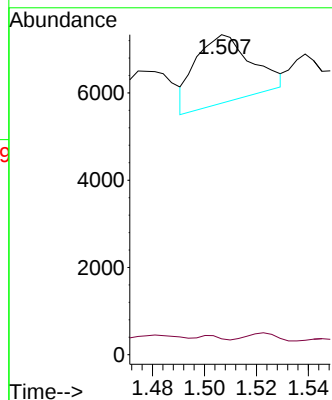
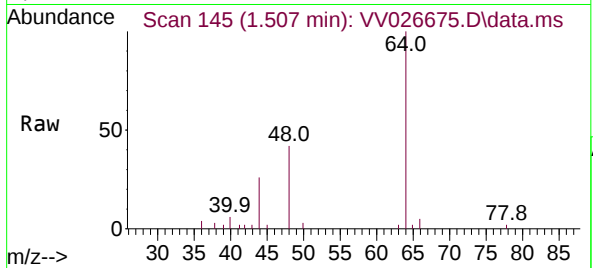




#8
Chloroethane
Concen: 0.209 ug/L
RT: 1.507 min Scan# 145
Delta R.T. -0.087 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

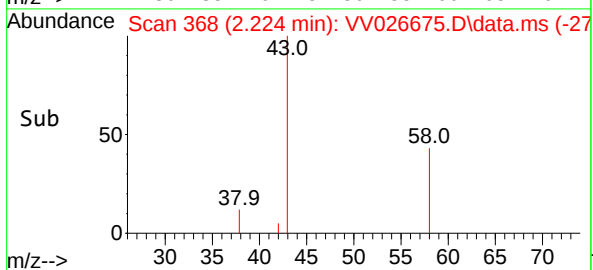
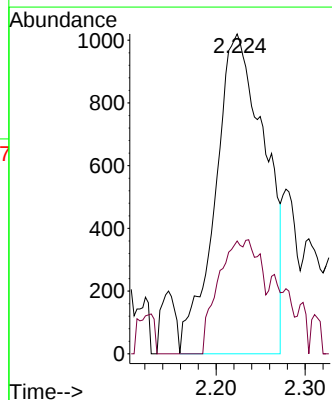
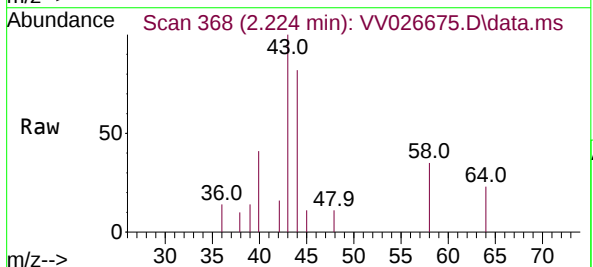
Instrument :
MSVOA_V
ClientSampleId :
COAN9

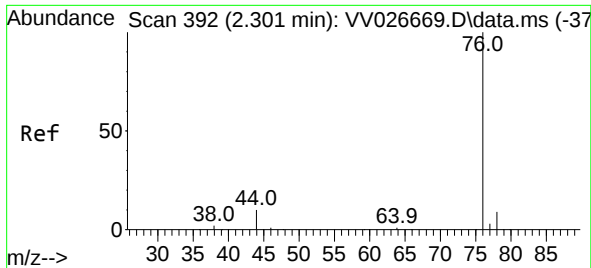
Tgt Ion: 64 Resp: 2355
Ion Ratio Lower Upper
64 100
66 4.9 20.0 37.2#



#13
Acetone
Concen: 4.162 ug/L
RT: 2.224 min Scan# 368
Delta R.T. 0.010 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

Tgt Ion: 43 Resp: 3946
Ion Ratio Lower Upper
43 100
58 18.1 0.0 75.0

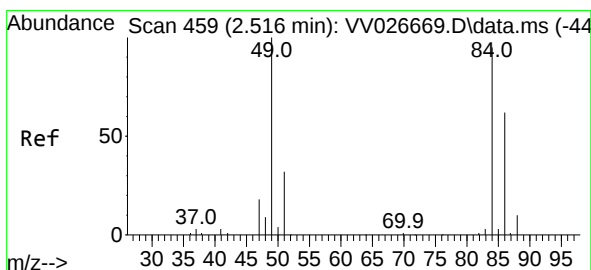
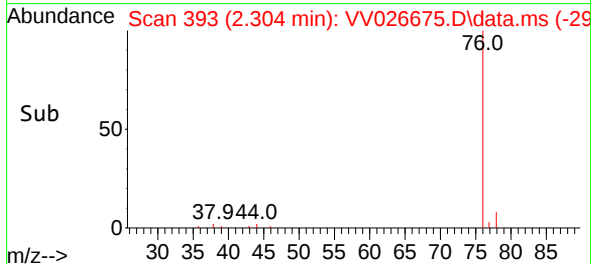
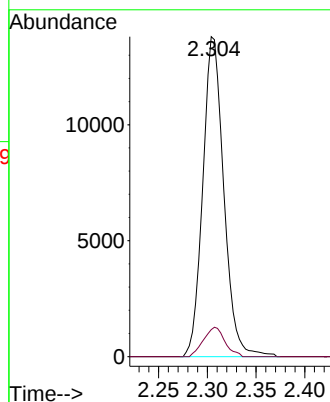
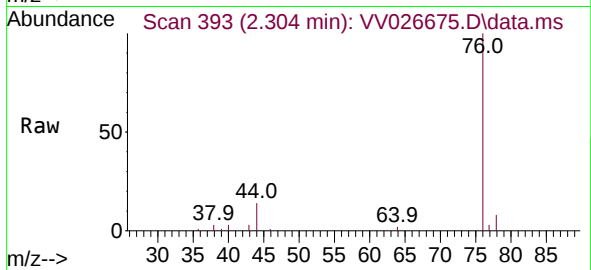




#14
Carbon disulfide
Concen: 0.621 ug/L
RT: 2.304 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

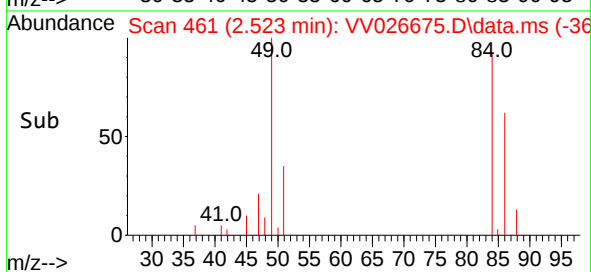
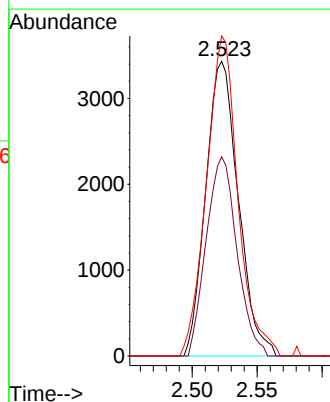
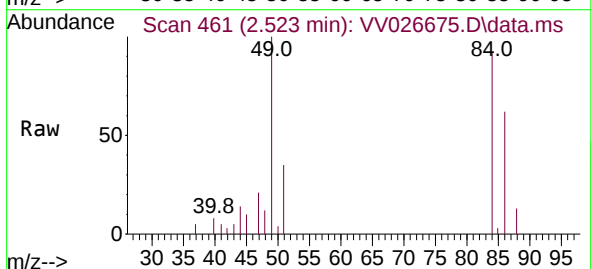
Instrument :
MSVOA_V
ClientSampleId :
COAN9

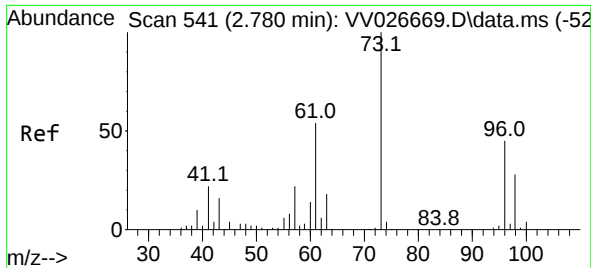
Tgt Ion: 76 Resp: 20698
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6



#16
Methylene chloride
Concen: 0.446 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

Tgt Ion: 84 Resp: 5977
Ion Ratio Lower Upper
84 100
86 67.6 46.0 85.4
49 108.6 77.7 144.3

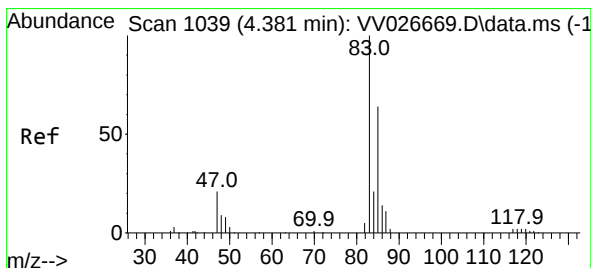
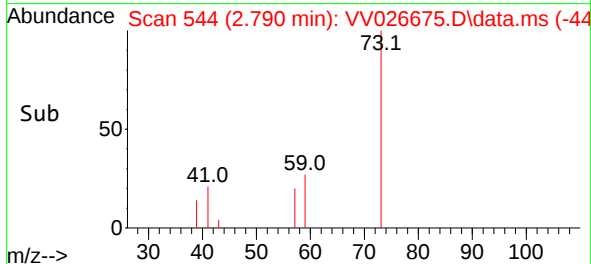
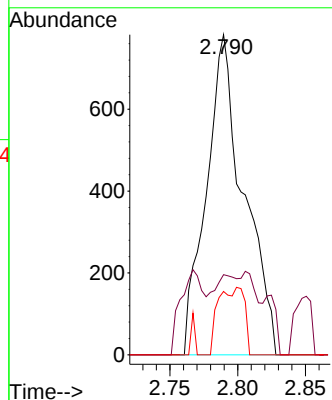
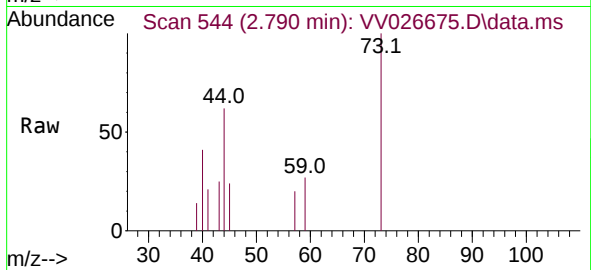




#17
Methyl tert-butyl Ether
Concen: 0.073 ug/L
RT: 2.790 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

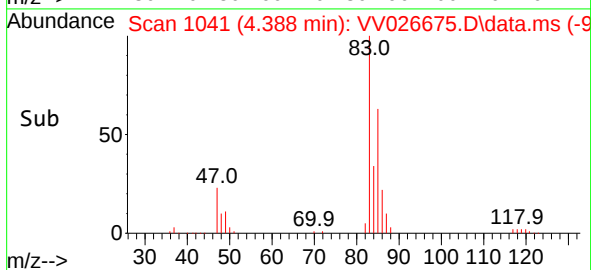
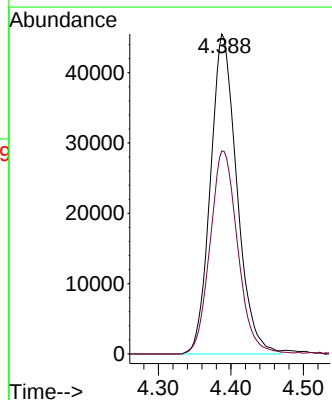
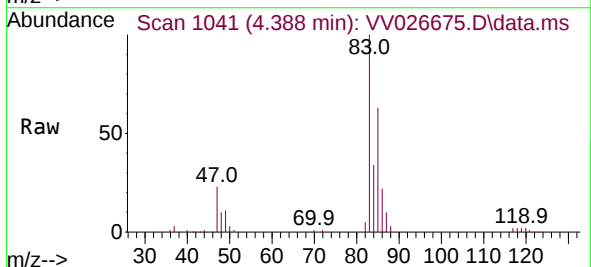
Instrument :
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ClientSampleId :
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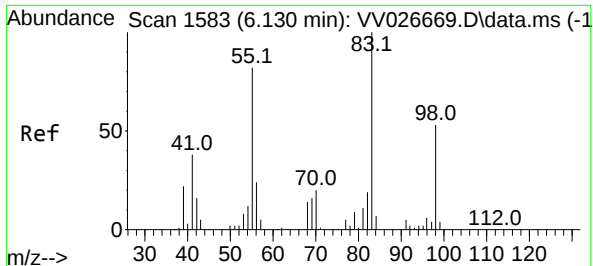
Tgt Ion: 73 Resp: 1501
Ion Ratio Lower Upper
73 100
43 3.7 13.3 19.9#
57 14.8 17.2 25.8#



#25
Chloroform
Concen: 4.658 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

Tgt Ion: 83 Resp: 115263
Ion Ratio Lower Upper
83 100
85 63.4 44.0 81.8

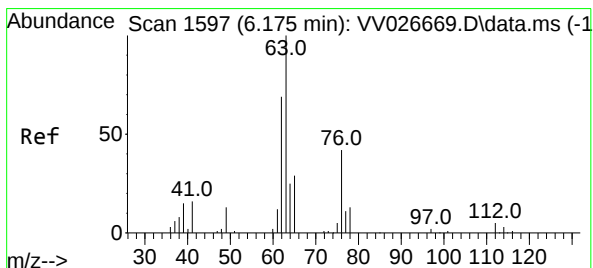
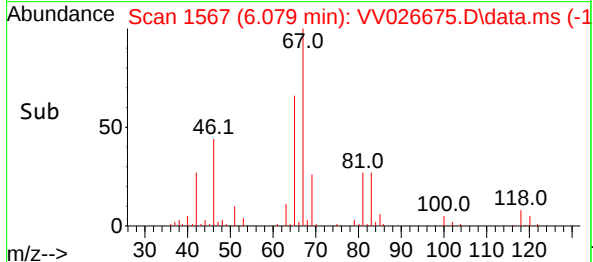
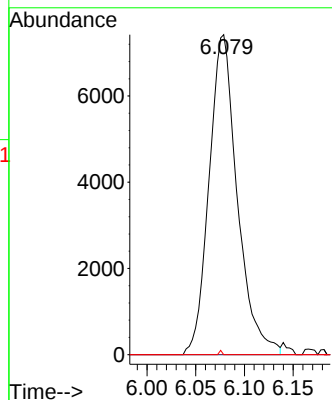
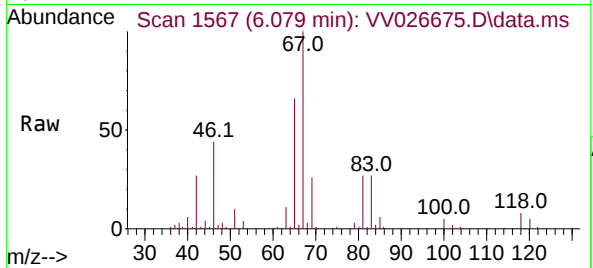




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

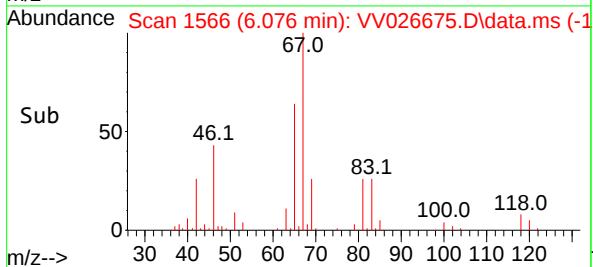
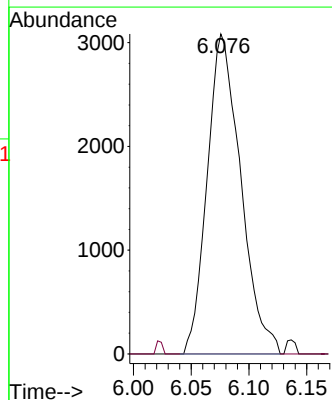
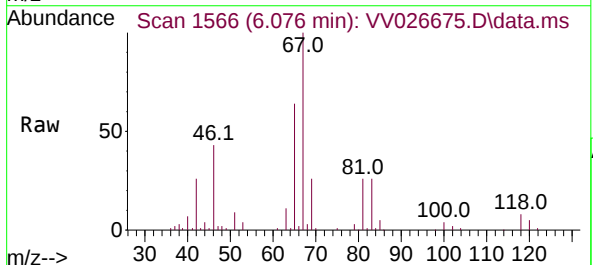
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ClientSampleId :
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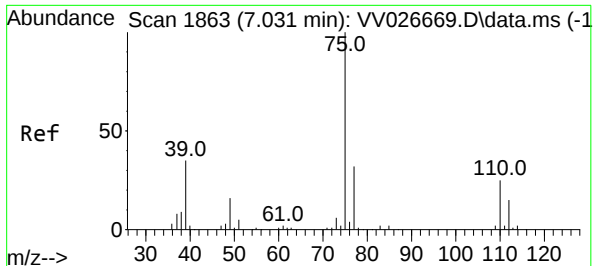
Tgt Ion: 83 Resp: 14980
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.1 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026675.D
Acq: 07 Jul 2022 13:53

Tgt Ion: 63 Resp: 6230
Ion Ratio Lower Upper
63 100
112 0.7 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026675.D

Acq: 07 Jul 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

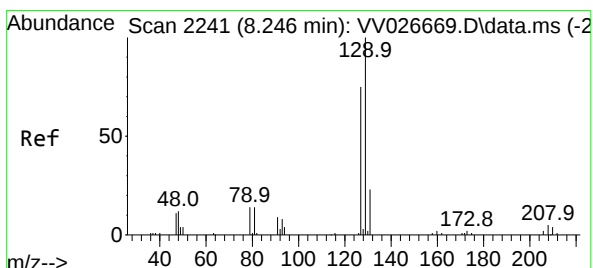
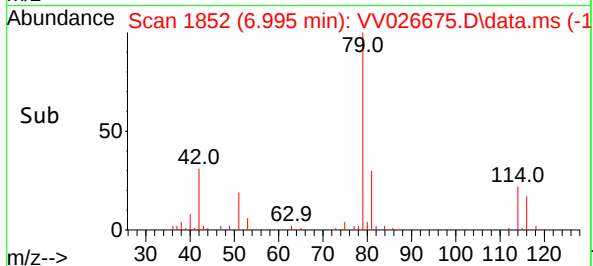
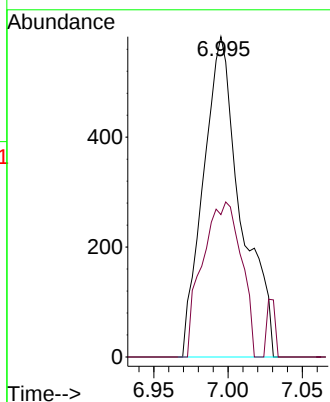
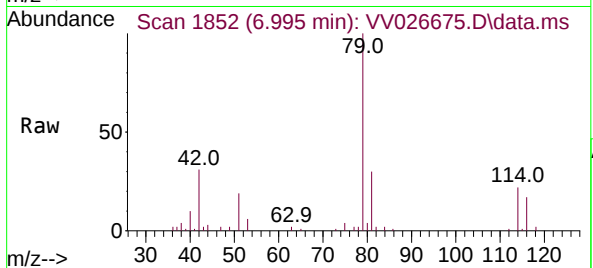
COAN9

Tgt Ion: 75 Resp: 1023

Ion Ratio Lower Upper

75 100

77 44.4 22.8 42.4#



#49

Dibromochloromethane

Concen: 0.026 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026675.D

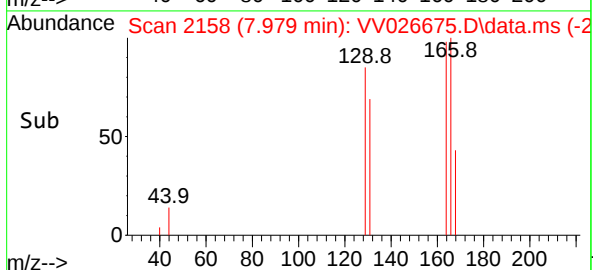
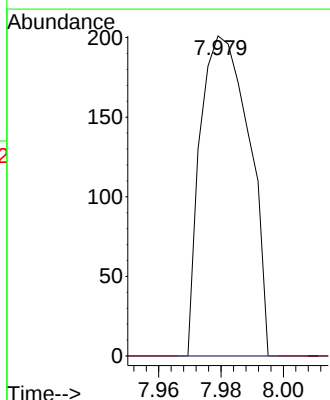
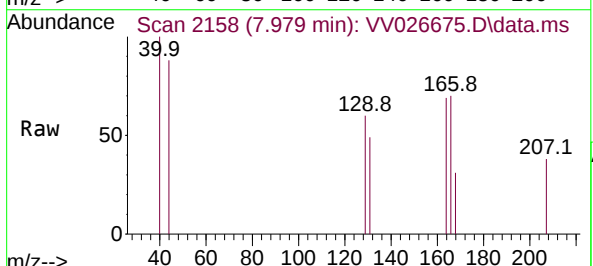
Acq: 07 Jul 2022 13:53

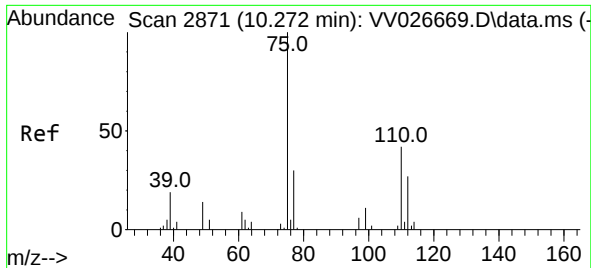
Tgt Ion: 129 Resp: 218

Ion Ratio Lower Upper

129 100

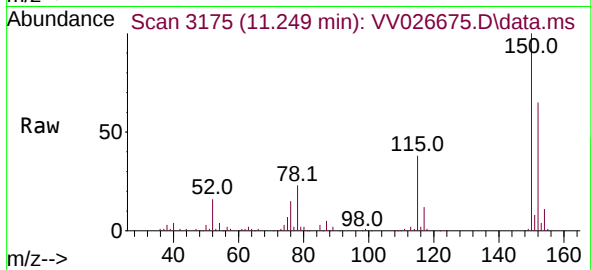
127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.621 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV026675.D
 Acq: 07 Jul 2022 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN9



Tgt Ion:	75	Resp:	7875
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.8	38.6
110	0.9	32.5	48.7#

