

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
 Data File : VV026633.D
 Acq On : 01 Jul 2022 17:05
 Operator : SY/MD
 Sample : N3506-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAM6

Quant Time: Jul 04 02:05:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

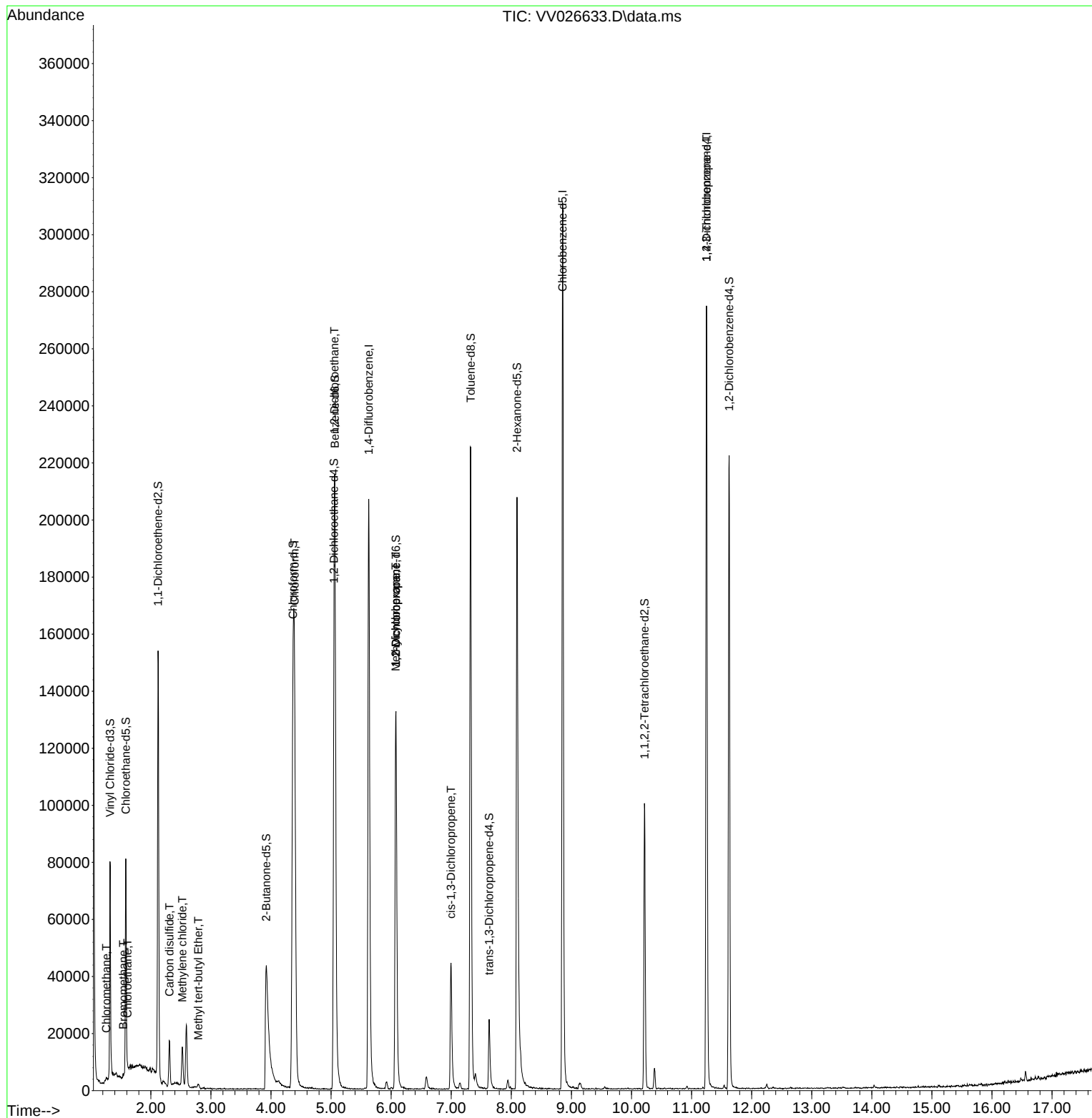
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52763	3.475	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.584	69	49952	4.095	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.121	63	76952	2.852	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	3.921	46	103088	68.290	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.580%#	
24) Chloroform-d	4.365	84	122496	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.047	65	48429	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.063	84	209617	3.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.079	67	68988	4.785	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.323	98	161119	3.417	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	7.632	79	16068	4.311	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.095	63	71154	50.125	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49404	5.238	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61024	4.827	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	631	0.040	ug/L	97
6) Bromomethane	1.539	94	553	0.061	ug/L #	66
8) Chloroethane	1.610	64	1252	0.110	ug/L #	58
14) Carbon disulfide	2.310	76	19236	0.572	ug/L	98
16) Methylene chloride	2.523	84	6217	0.459	ug/L	91
17) Methyl tert-butyl Ether	2.790	73	1229	0.059	ug/L #	85
25) Chloroform	4.391	83	134137	5.367	ug/L	97
27) 1,2-Dichloroethane	5.056	62	931	0.084	ug/L #	72
35) Methylcyclohexane	6.076	83	17305	0.835	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7196	0.560	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1141	0.088	ug/L #	60
61) 1,2,3-Trichloropropane	11.249	75	8242	1.666	ug/L #	64

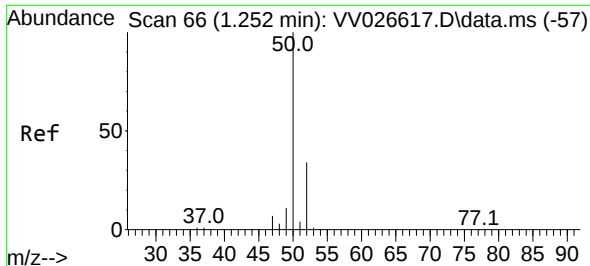
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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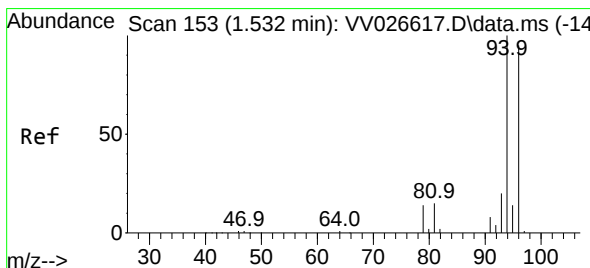
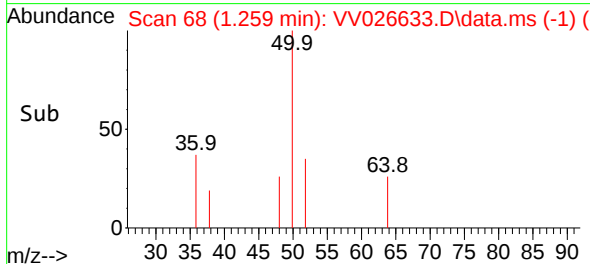
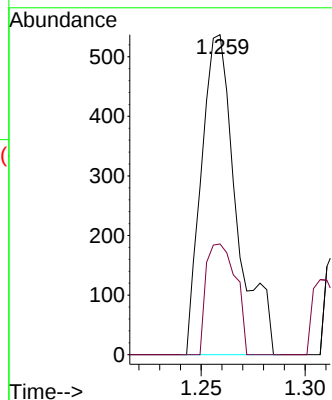
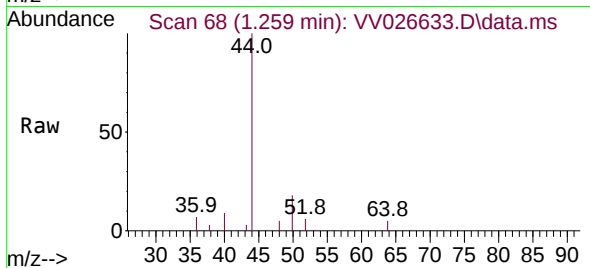




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

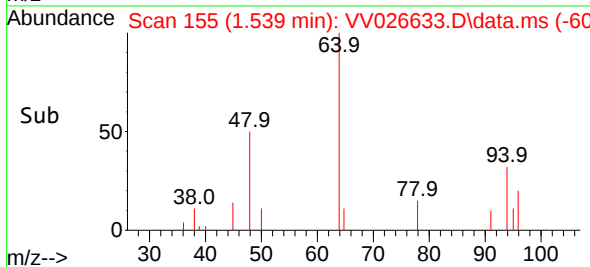
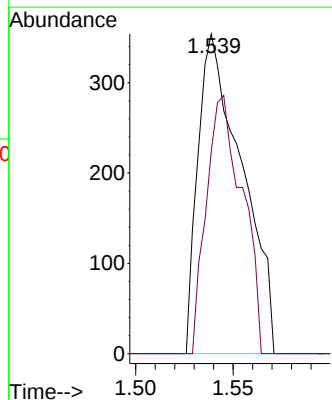
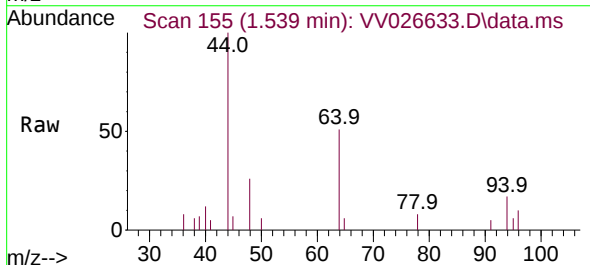
Instrument :
MSVOA_V
ClientSampleId :
COAM6

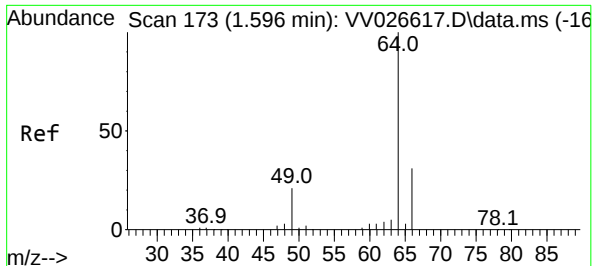
Tgt Ion: 50 Resp: 631
Ion Ratio Lower Upper
50 100
52 34.6 23.0 42.6



#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.007 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 63.3 68.0 126.2#

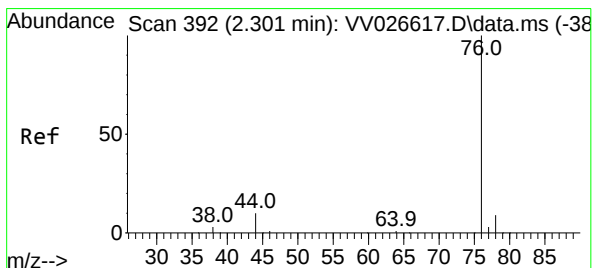
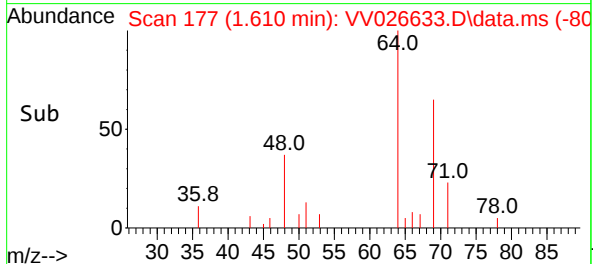
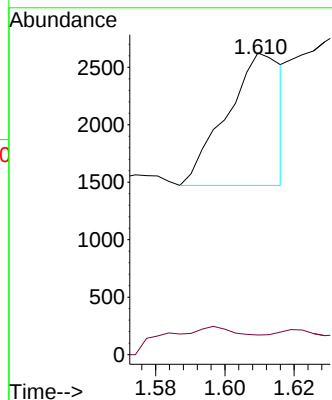
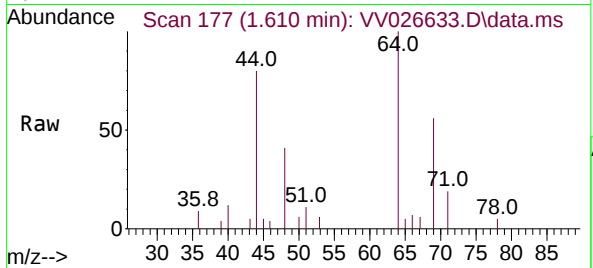




#8
Chloroethane
Concen: 0.110 ug/L
RT: 1.610 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

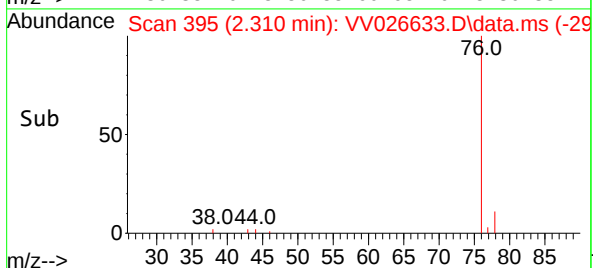
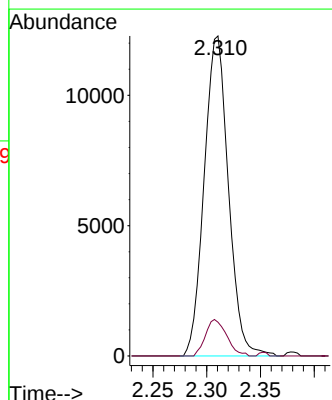
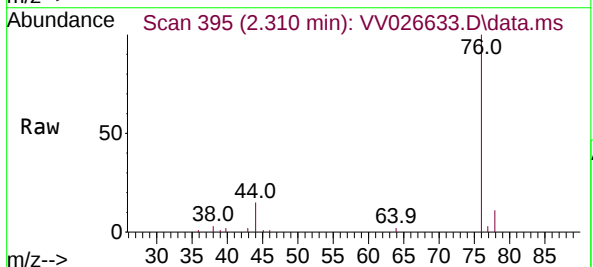
Instrument :
MSVOA_V
ClientSampleId :
COAM6

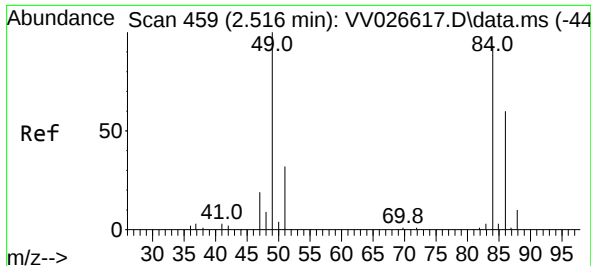
Tgt Ion: 64 Resp: 1252
Ion Ratio Lower Upper
64 100
66 6.5 20.0 37.2#



#14
Carbon disulfide
Concen: 0.572 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.010 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

Tgt Ion: 76 Resp: 19236
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.6

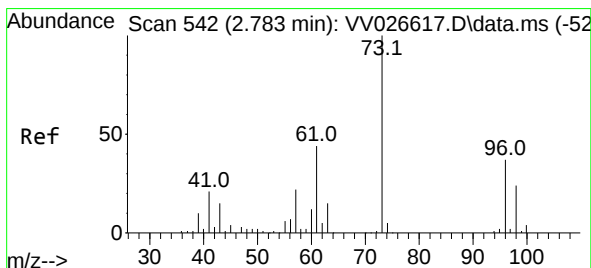
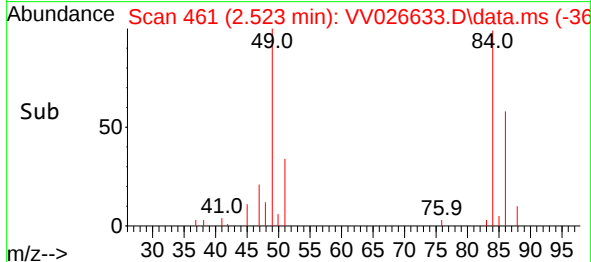
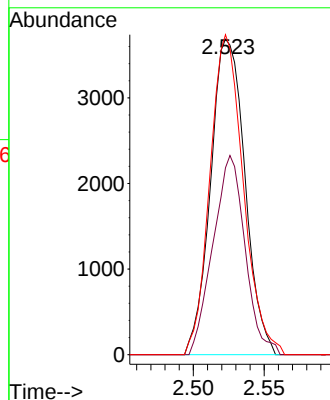
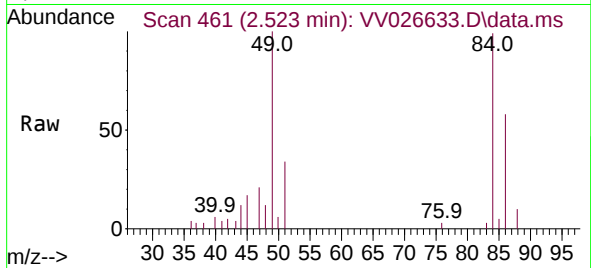




#16
Methylene chloride
Concen: 0.459 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

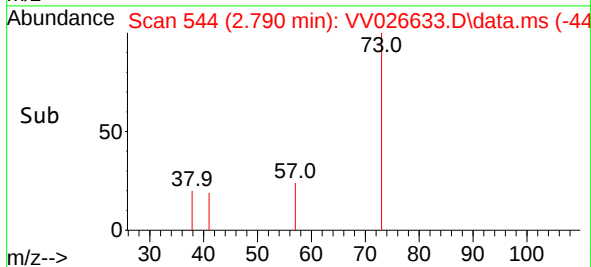
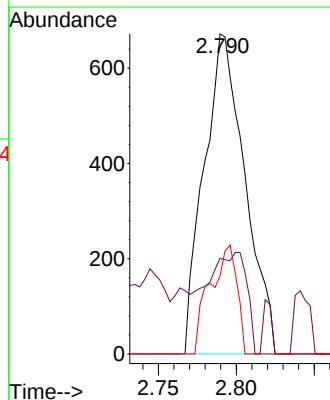
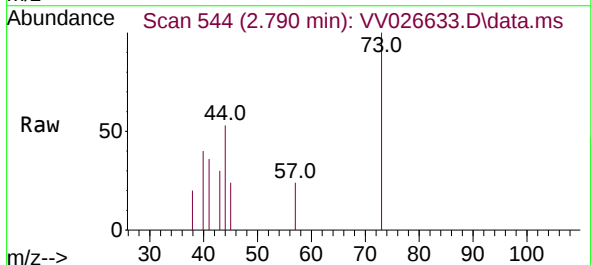
Instrument :
MSVOA_V
ClientSampleId :
COAM6

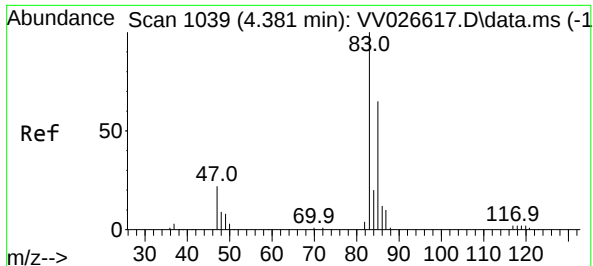
Tgt Ion: 84 Resp: 6217
Ion Ratio Lower Upper
84 100
86 59.3 46.0 85.4
49 101.4 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.059 ug/L
RT: 2.790 min Scan# 544
Delta R.T. 0.007 min
Lab File: VV026633.D
Acq: 01 Jul 2022 17:05

Tgt Ion: 73 Resp: 1229
Ion Ratio Lower Upper
73 100
43 30.0 13.3 19.9#
57 22.4 17.2 25.8





#25

Chloroform

Concen: 5.367 ug/L

RT: 4.391 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV026633.D

Acq: 01 Jul 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

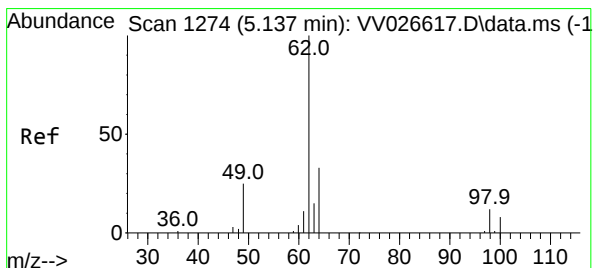
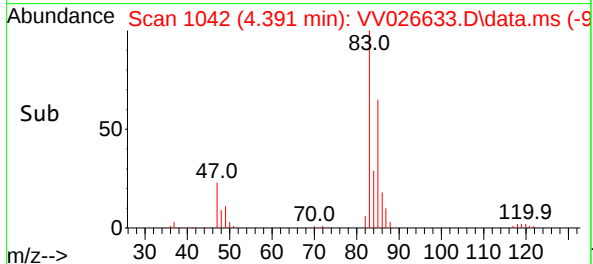
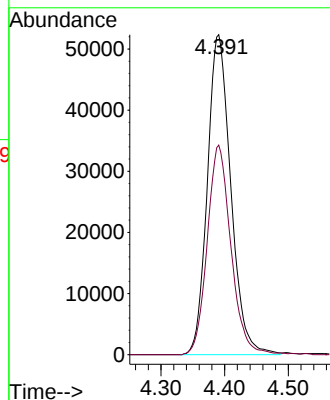
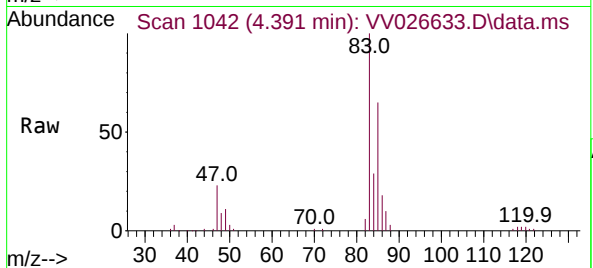
COAM6

Tgt Ion: 83 Resp: 134137

Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV026633.D

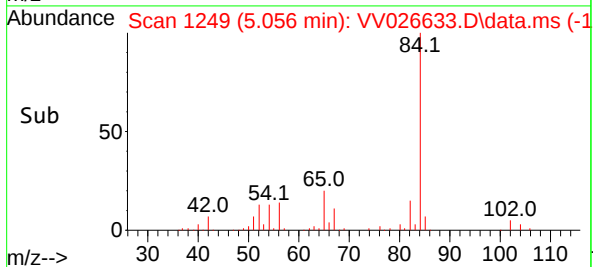
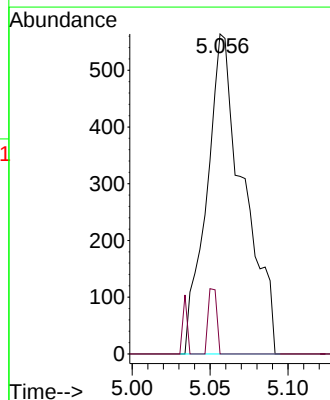
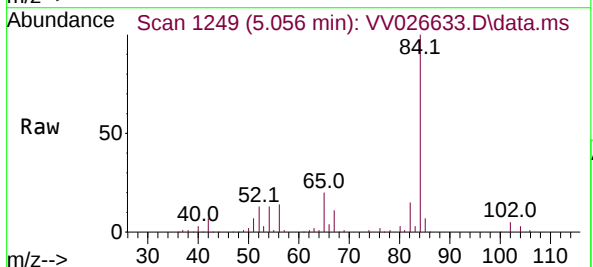
Acq: 01 Jul 2022 17:05

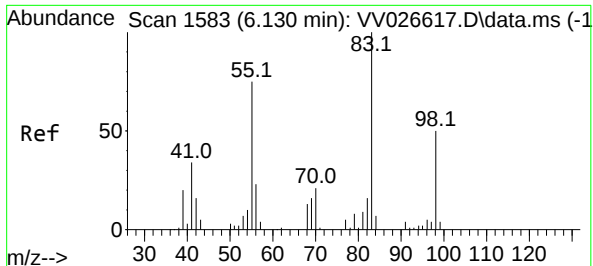
Tgt Ion: 62 Resp: 931

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.054 min

Lab File: VV026633.D

Acq: 01 Jul 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

C0AM6

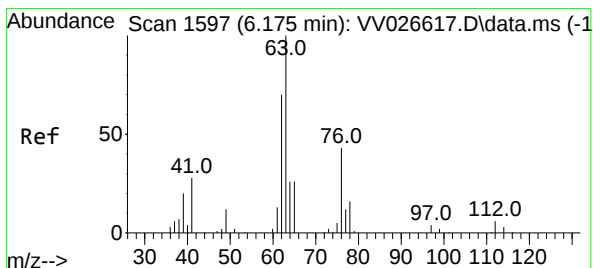
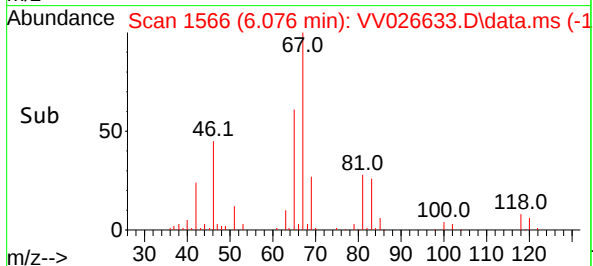
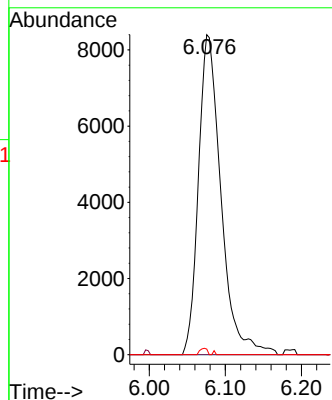
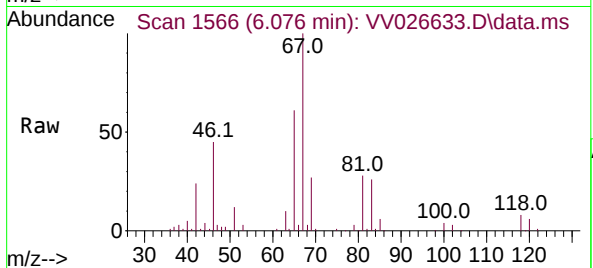
Tgt Ion: 83 Resp: 17305

Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.6 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.096 min

Lab File: VV026633.D

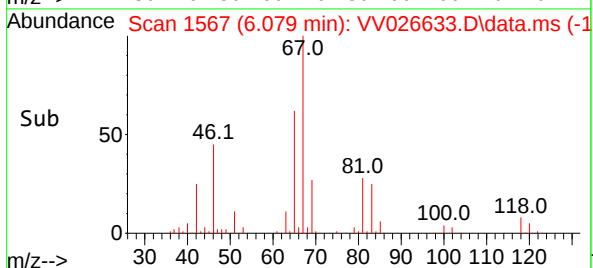
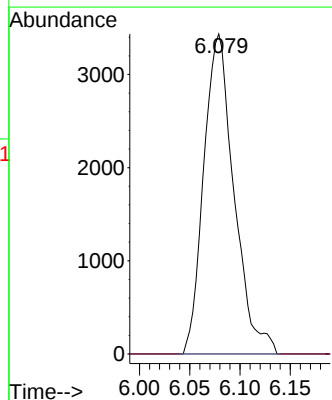
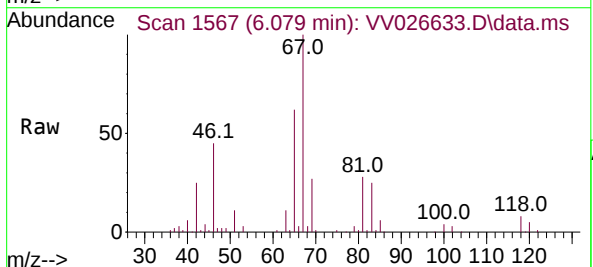
Acq: 01 Jul 2022 17:05

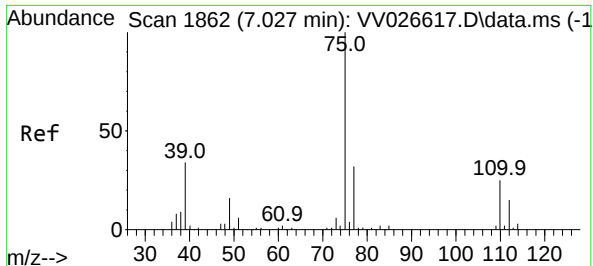
Tgt Ion: 63 Resp: 7196

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.995 min Scan# 1141

Delta R.T. -0.032 min

Lab File: VV026633.D

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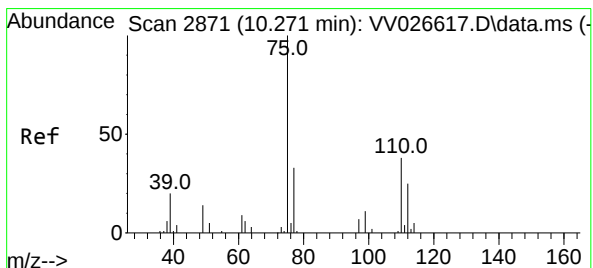
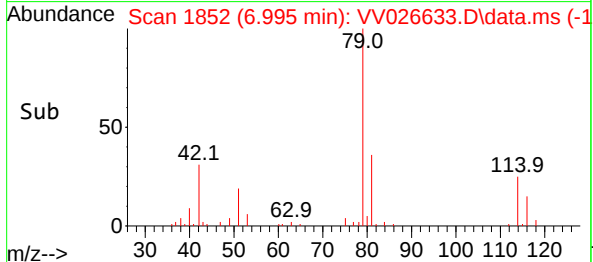
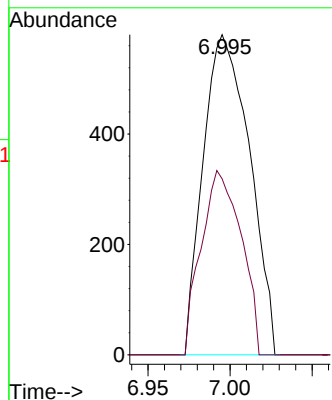
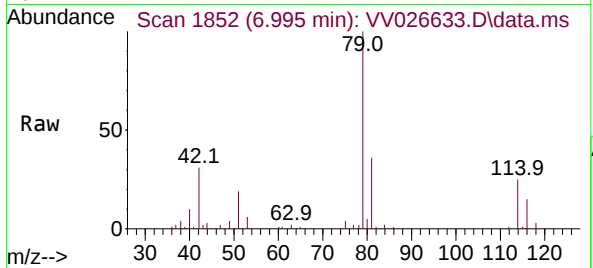
COAM6

Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 55.0 22.8 42.4#



#61

1,2,3-Trichloropropane

Concen: 1.666 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026633.D

Acq: 01 Jul 2022 17:05

Tgt Ion: 75 Resp: 8242

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

110 2.2 32.5 48.7#

