

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
 Data File : VV026623.D
 Acq On : 01 Jul 2022 12:16
 Operator : SY/MD
 Sample : N3553-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAM8

Quant Time: Jul 04 02:03:30 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)

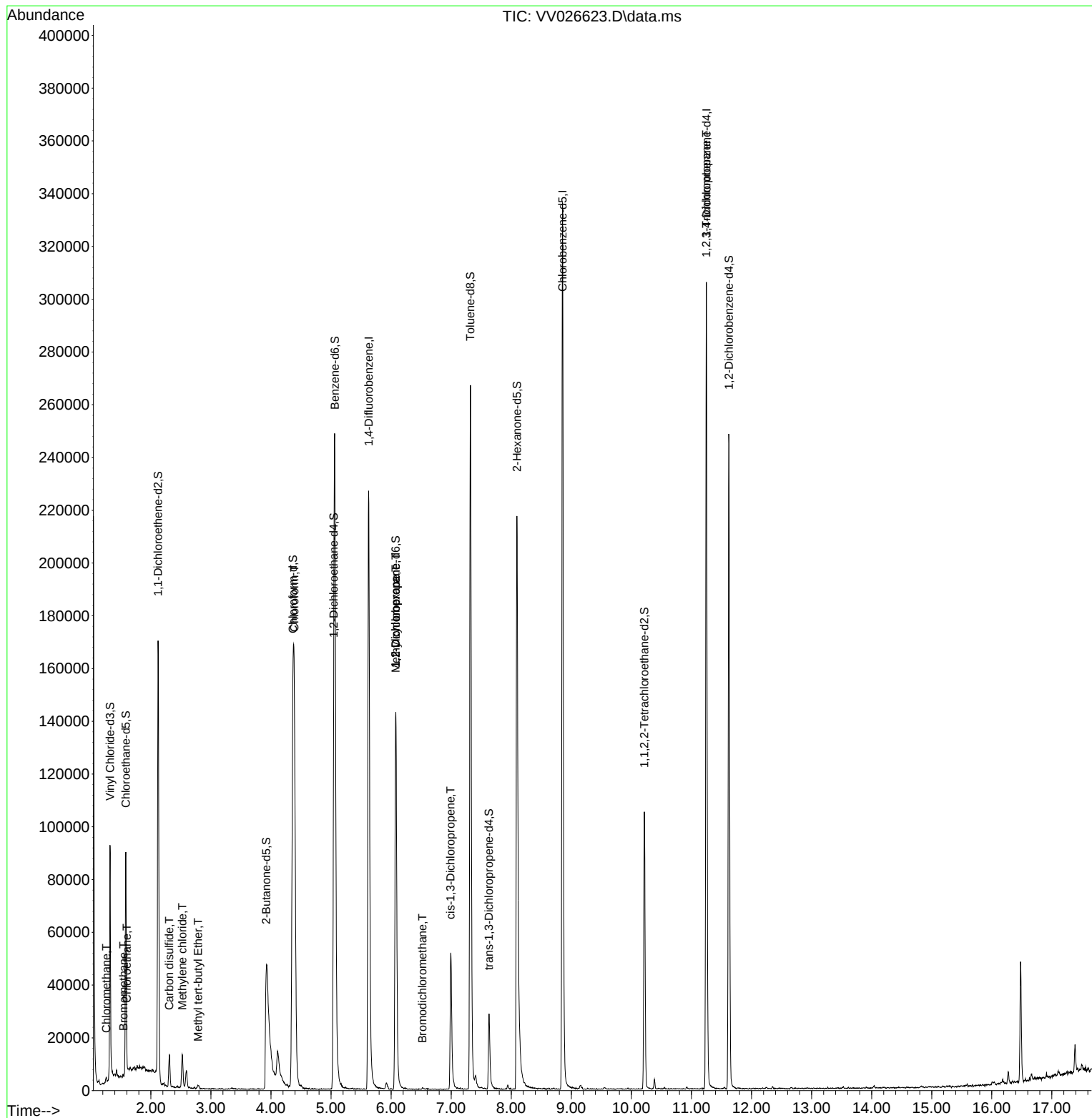
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	212249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	84216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	60180	3.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.584	69	54745	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.121	63	87627	2.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.921	46	105811	62.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.700%
24) Chloroform-d	4.365	84	133603	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.044	65	52028	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.063	84	238467	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.079	67	74321	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.320	98	190364	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.629	79	18774	4.641	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.095	63	77620	50.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51756	5.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	67856	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	863	0.049	ug/L #	67
6) Bromomethane	1.542	94	425	0.042	ug/L	86
8) Chloroethane	1.600	64	2143	0.167	ug/L #	59
14) Carbon disulfide	2.307	76	14497	0.383	ug/L	99
16) Methylene chloride	2.523	84	5729	0.376	ug/L	89
17) Methyl tert-butyl Ether	2.786	73	1145	0.049	ug/L #	74
25) Chloroform	4.388	83	123053	4.380	ug/L	97
35) Methylcyclohexane	6.076	83	17971	0.799	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7889	0.566	ug/L #	84
38) Bromodichloromethane	6.523	83	619	0.038	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1334	0.095	ug/L #	65
61) 1,2,3-Trichloropropane	11.246	75	9009	1.652	ug/L #	65

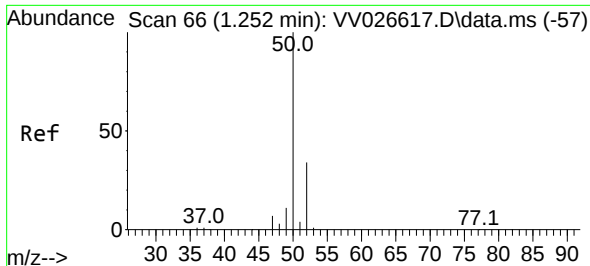
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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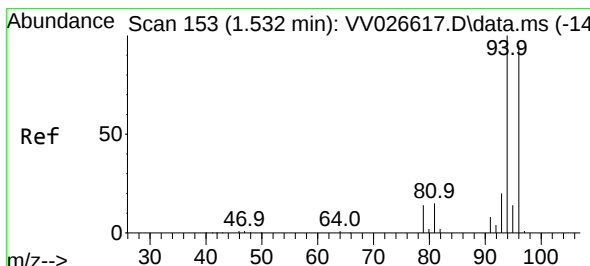
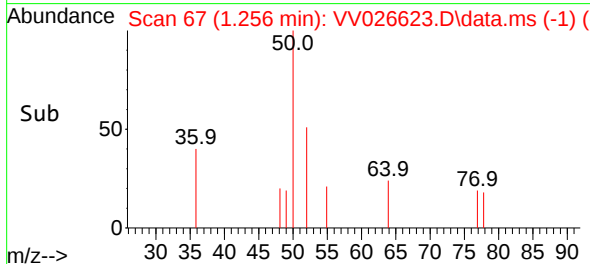
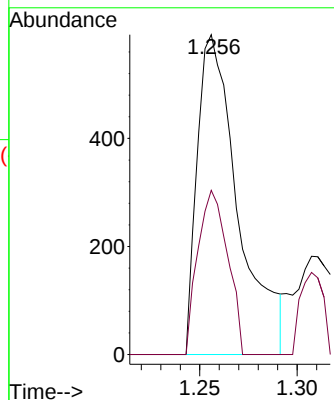
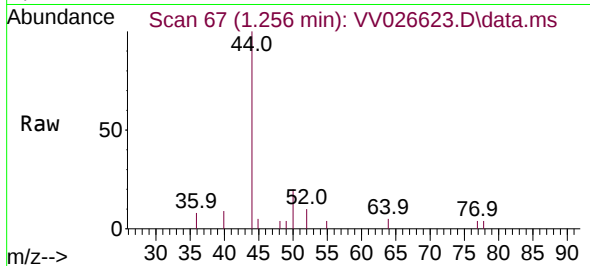




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

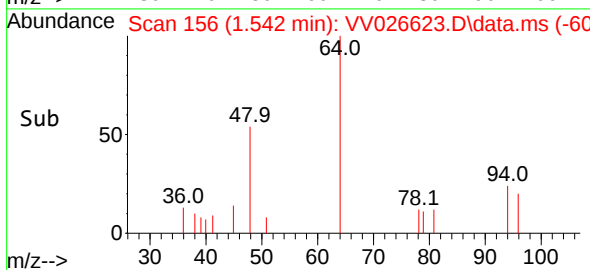
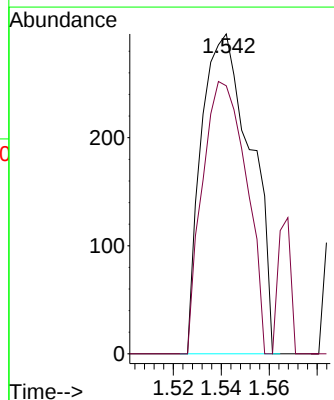
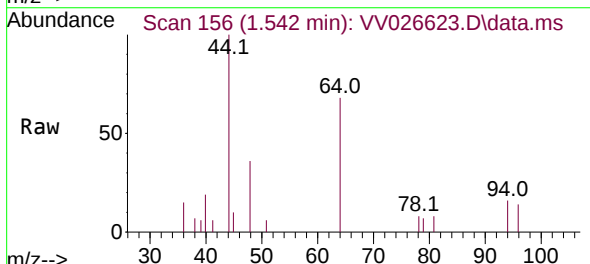
Instrument :
MSVOA_V
ClientSampleId :
COAM8

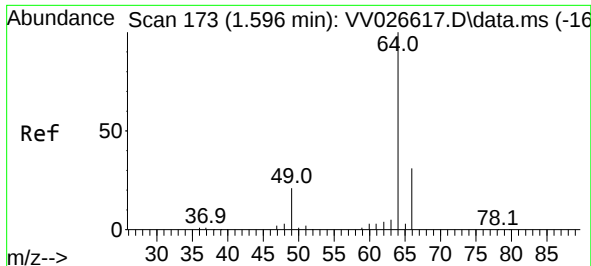
Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 51.4 23.0 42.6#



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 83.8 68.0 126.2

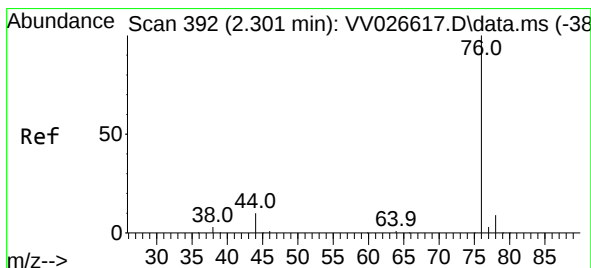
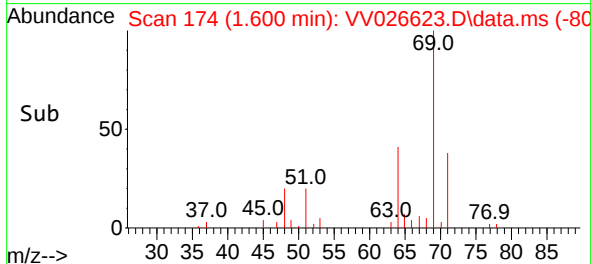
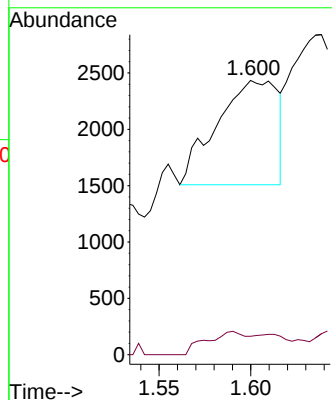
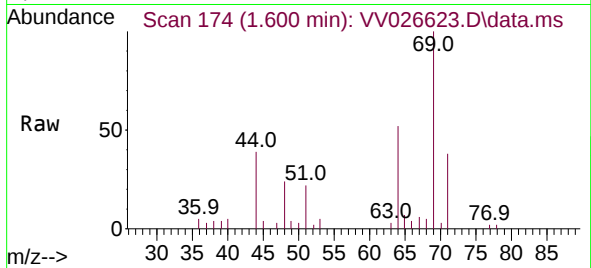




#8
Chloroethane
Concen: 0.167 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

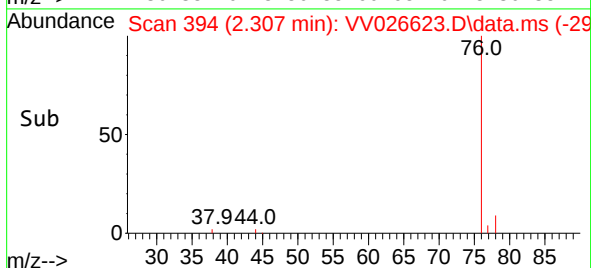
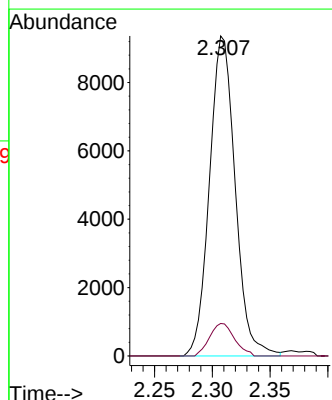
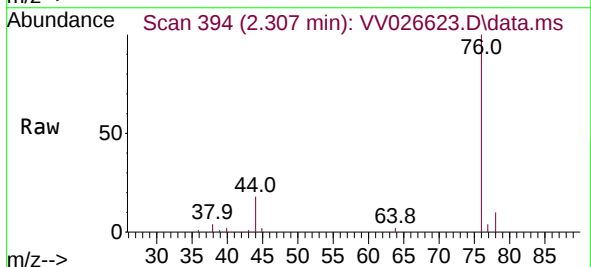
Instrument :
MSVOA_V
ClientSampleId :
COAM8

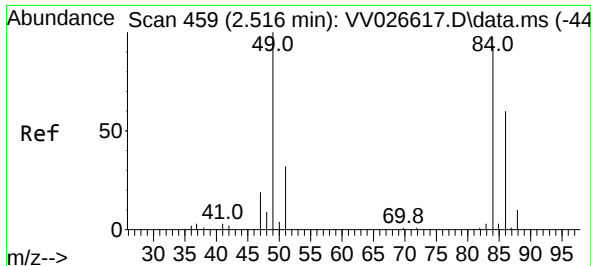
Tgt Ion: 64 Resp: 2143
Ion Ratio Lower Upper
64 100
66 6.7 20.0 37.2#



#14
Carbon disulfide
Concen: 0.383 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.007 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 76 Resp: 14497
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.6

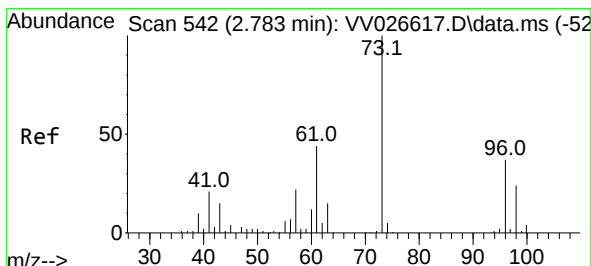
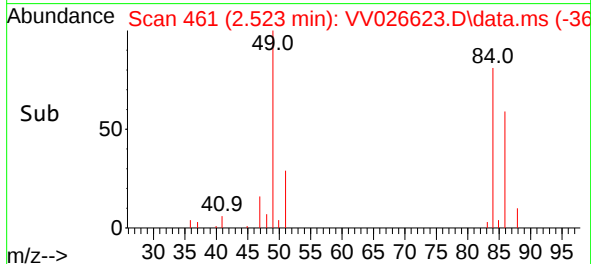
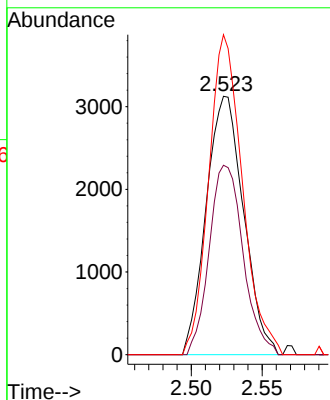
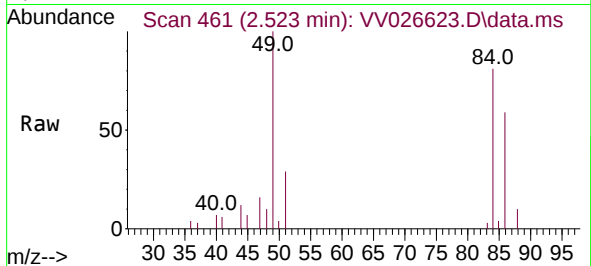




#16
Methylene chloride
Concen: 0.376 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

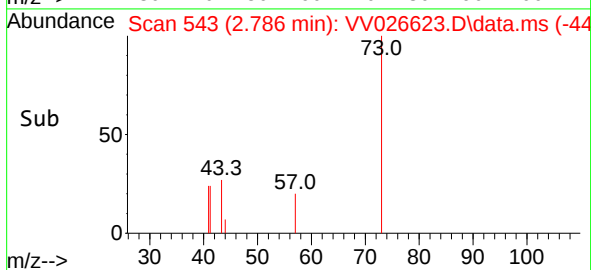
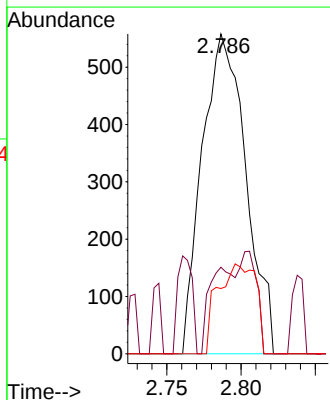
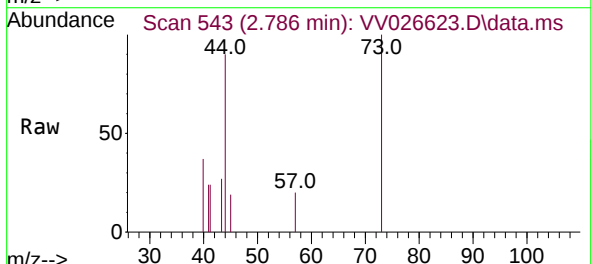
Instrument :
MSVOA_V
ClientSampleId :
COAM8

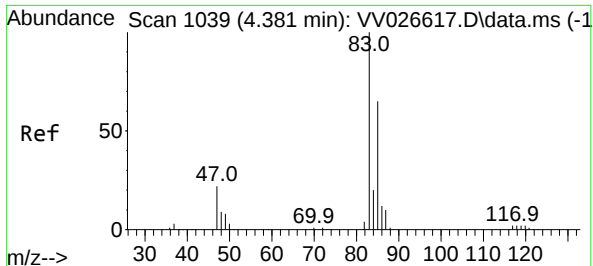
Tgt Ion: 84 Resp: 5729
Ion Ratio Lower Upper
84 100
86 73.3 46.0 85.4
49 123.9 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.049 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026623.D
Acq: 01 Jul 2022 12:16

Tgt Ion: 73 Resp: 1145
Ion Ratio Lower Upper
73 100
43 15.8 13.3 19.9
57 0.0 17.2 25.8#





#25

Chloroform

Concen: 4.380 ug/L

RT: 4.388 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

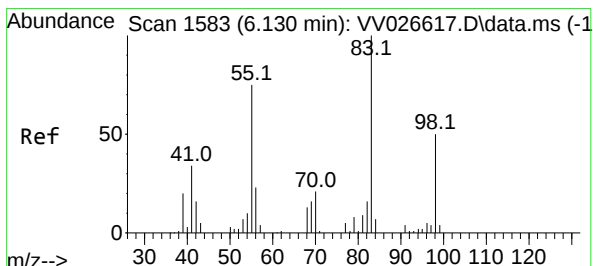
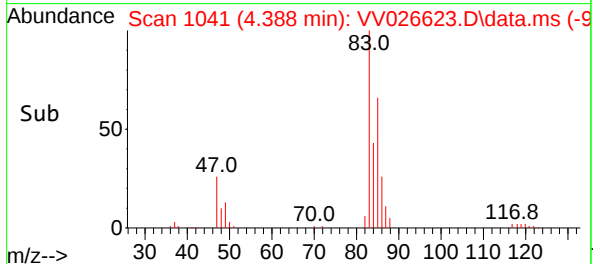
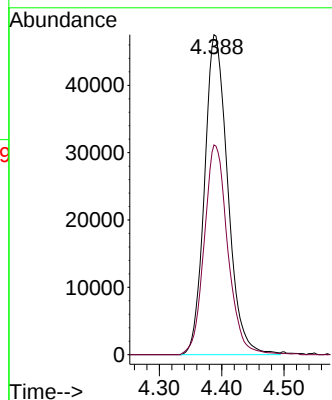
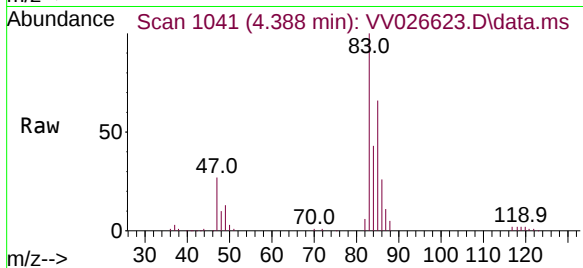
COAM8

Tgt Ion: 83 Resp: 123053

Ion Ratio Lower Upper

83 100

85 65.6 44.0 81.8



#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.054 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

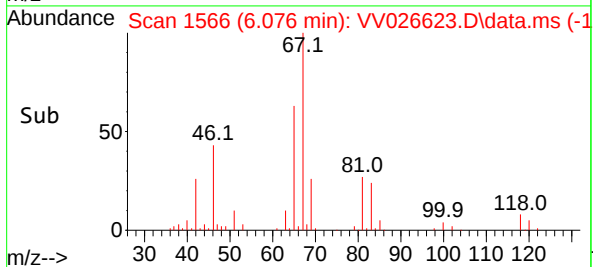
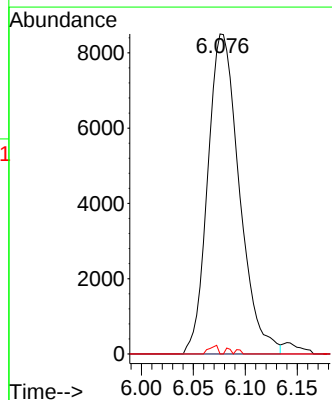
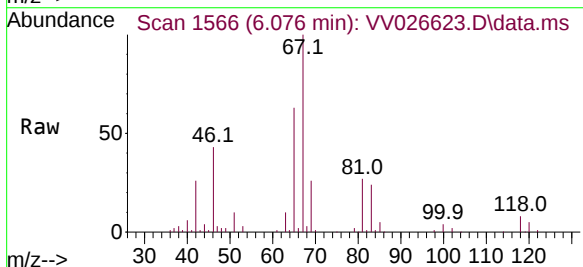
Tgt Ion: 83 Resp: 17971

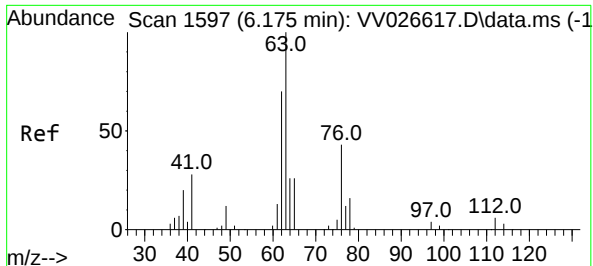
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.7 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

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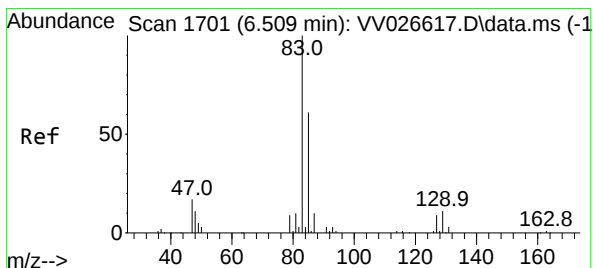
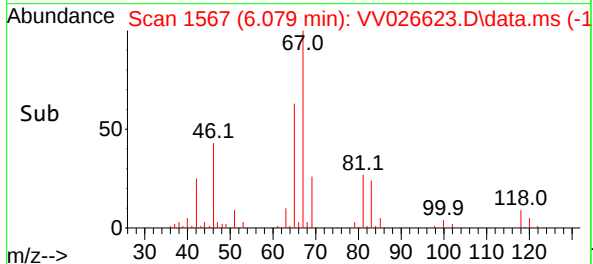
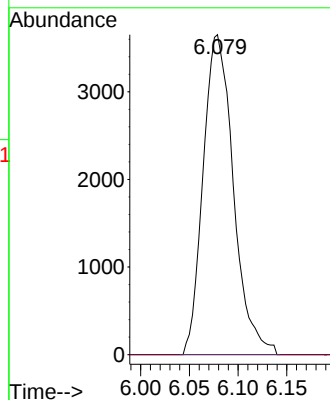
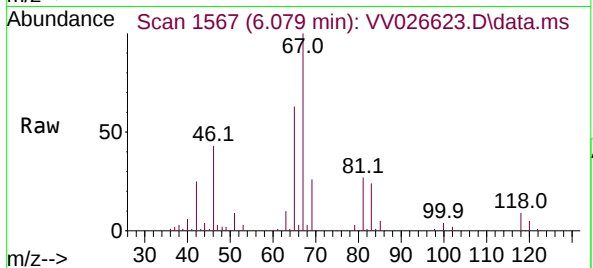
COAM8

Tgt Ion: 63 Resp: 7889

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#38

Bromodichloromethane

Concen: 0.038 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

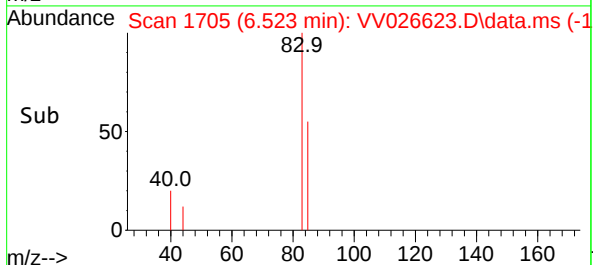
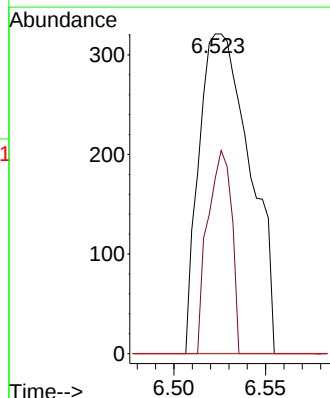
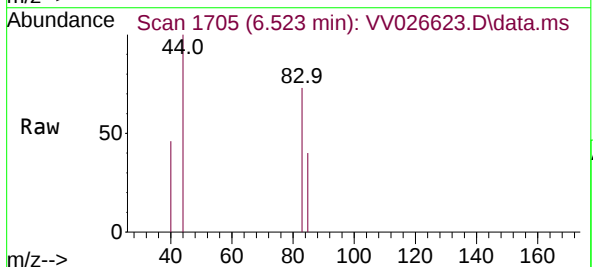
Tgt Ion: 83 Resp: 619

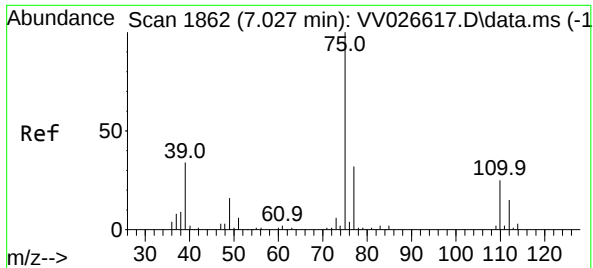
Ion Ratio Lower Upper

83 100

85 54.8 44.0 81.8

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

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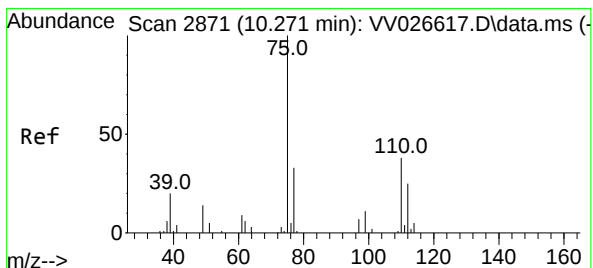
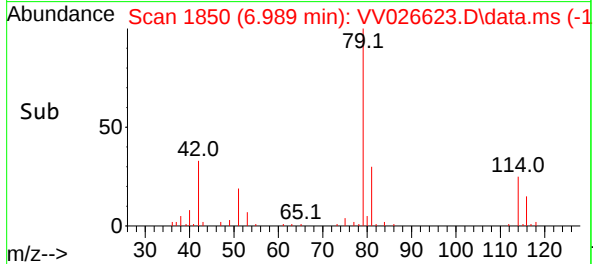
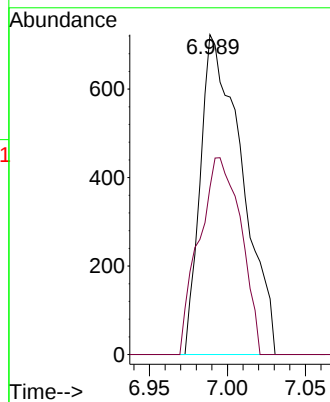
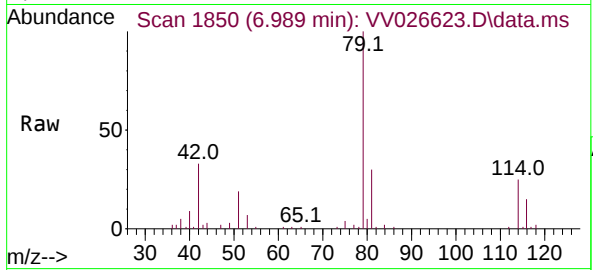
COAM8

Tgt Ion: 75 Resp: 1334

Ion Ratio Lower Upper

75 100

77 52.3 22.8 42.4#



#61

1,2,3-Trichloropropane

Concen: 1.652 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026623.D

Acq: 01 Jul 2022 12:16

Tgt Ion: 75 Resp: 9009

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

110 2.2 32.5 48.7#

