

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026625.D
 Acq On : 01 Jul 2022 13:27
 Operator : SY/MD
 Sample : N3506-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAM3

Quant Time: Jul 04 02:03:56 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	196856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	189894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80640	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	56311	3.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.584	69	53031	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.121	63	81121	2.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.918	46	94518	60.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.100%
24) Chloroform-d	4.365	84	131372	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.043	65	48767	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.059	84	226064	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.075	67	71420	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.320	98	175696	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.628	79	17164	4.427	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.091	63	72589	49.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50550	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	62939	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%

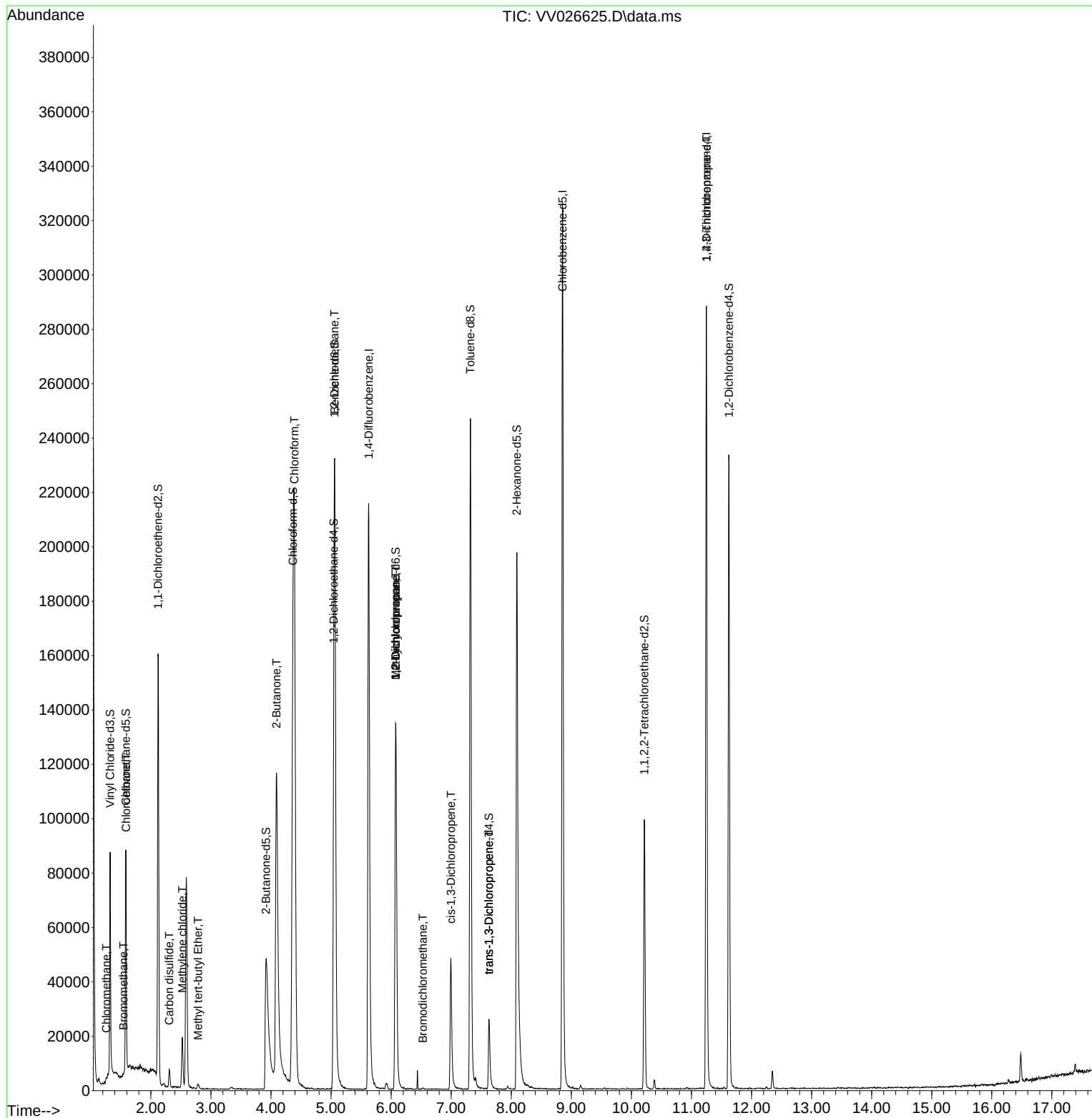
Target Compounds				Qvalue		
3) Chloromethane	1.259	50	1019	0.062	ug/L	100
6) Bromomethane	1.542	94	503	0.053	ug/L	94
8) Chloroethane	1.587	64	3992	0.336	ug/L #	59
14) Carbon disulfide	2.307	76	7990	0.228	ug/L #	94
16) Methylene chloride	2.523	84	8501	0.602	ug/L	87
17) Methyl tert-butyl Ether	2.786	73	1580	0.073	ug/L #	76
21) 2-Butanone	4.092	43	190874	127.068	ug/L #	48
25) Chloroform	4.391	83	188841	7.247	ug/L	96
27) 1,2-Dichloroethane	5.056	62	1013	0.087	ug/L #	72
35) Methylcyclohexane	6.079	83	17719	0.822	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7187	0.538	ug/L #	84
38) Bromodichloromethane	6.529	83	598	0.038	ug/L #	87
39) cis-1,3-Dichloropropene	6.998	75	1321	0.098	ug/L #	62
44) trans-1,3-Dichloropropene	7.628	75	734	0.073	ug/L #	42
61) 1,2,3-Trichloropropane	11.249	75	9196	1.761	ug/L #	63

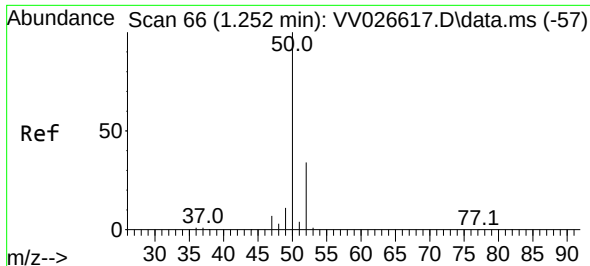
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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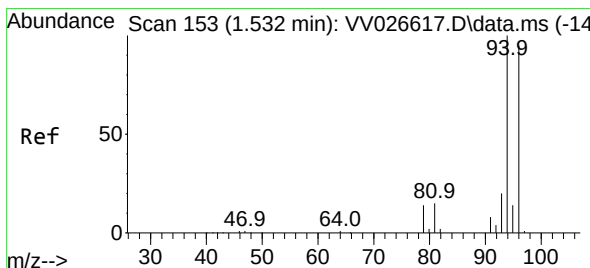
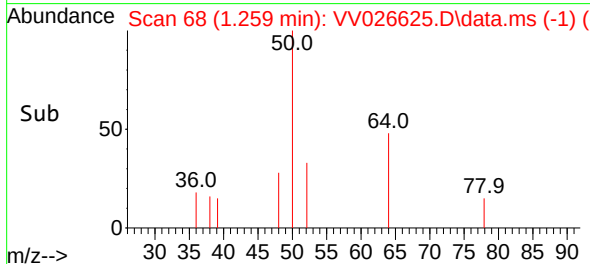
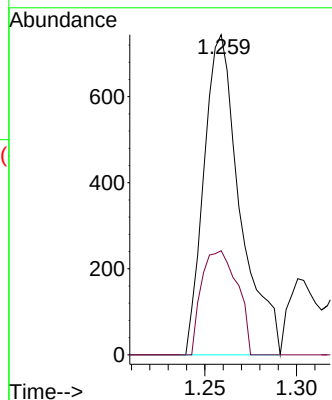
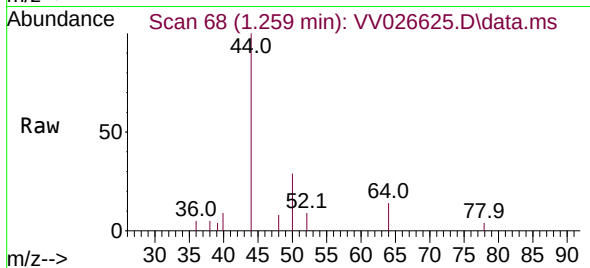




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

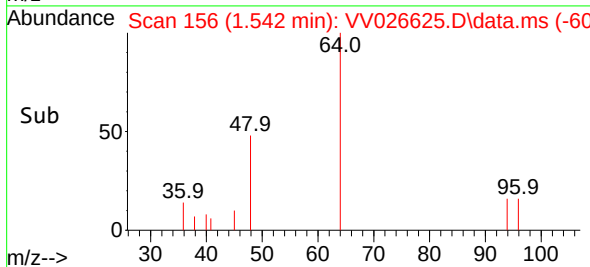
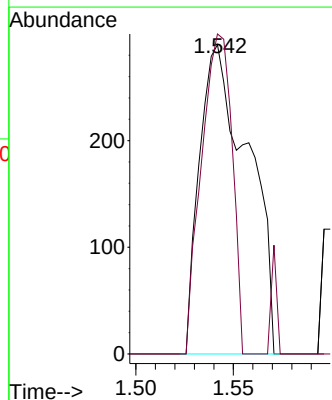
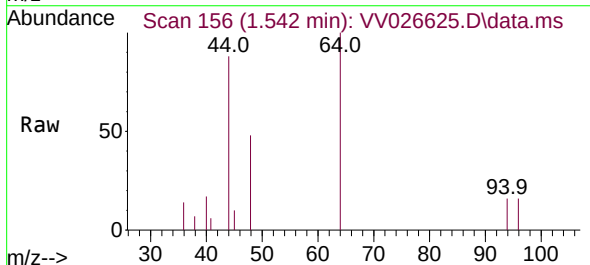
Instrument :
MSVOA_V
ClientSampleId :
COAM3

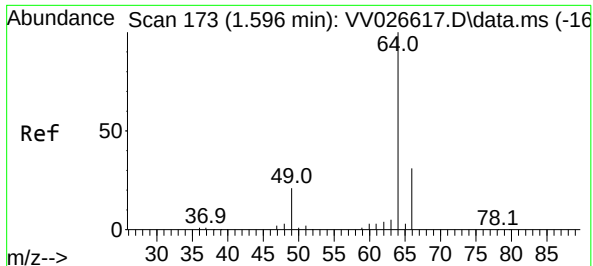
Tgt Ion: 50 Resp: 1019
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 103.4 68.0 126.2

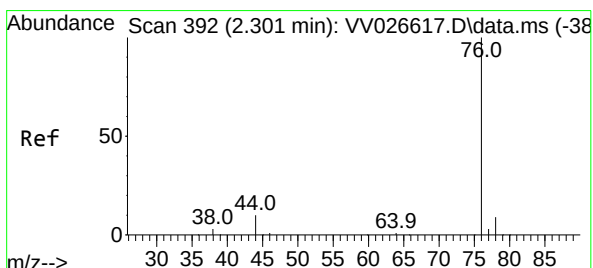
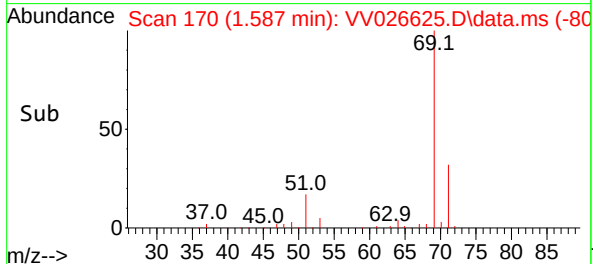
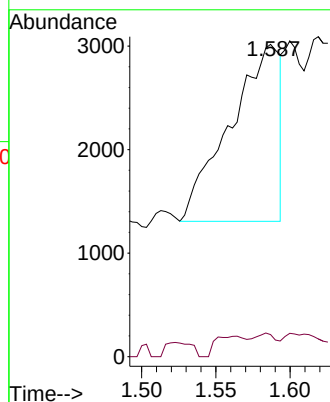
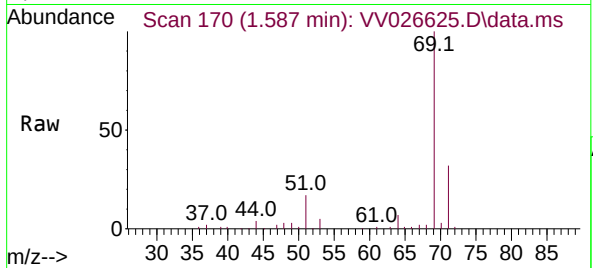




#8
Chloroethane
Concen: 0.336 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

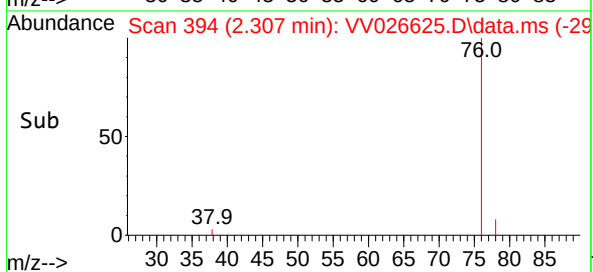
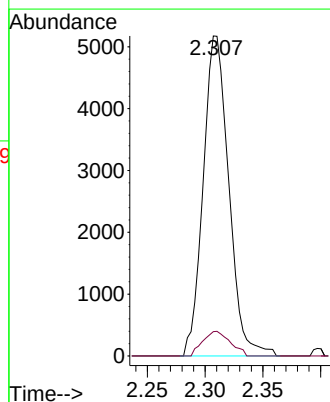
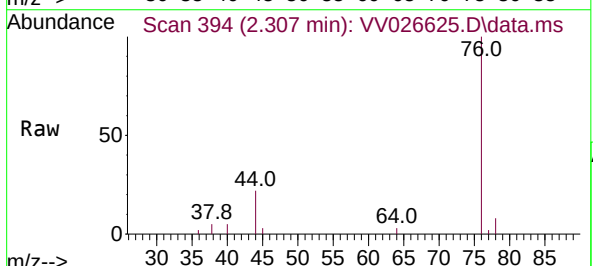
Instrument :
MSVOA_V
ClientSampleId :
C0AM3

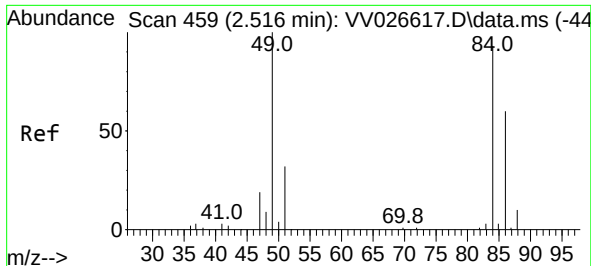
Tgt Ion: 64 Resp: 3992
Ion Ratio Lower Upper
64 100
66 7.1 20.0 37.2#



#14
Carbon disulfide
Concen: 0.228 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

Tgt Ion: 76 Resp: 7990
Ion Ratio Lower Upper
76 100
78 7.6 7.8 11.6#

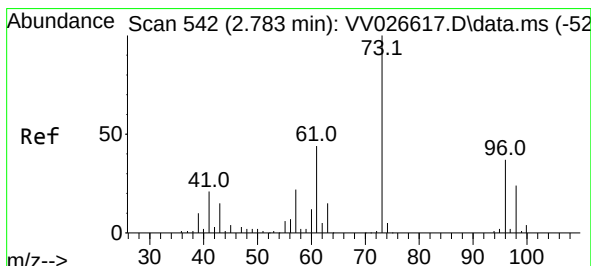
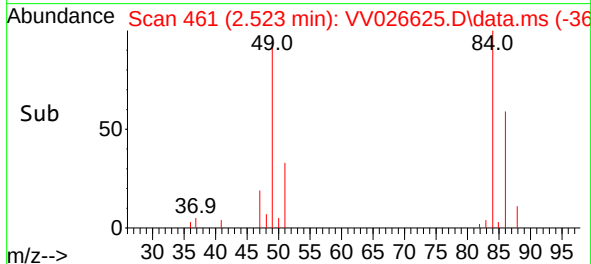
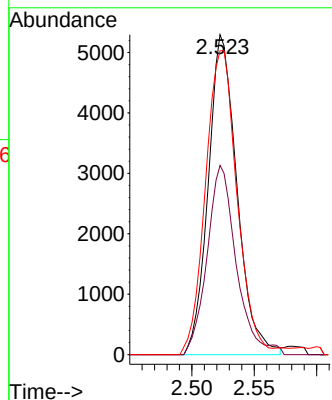
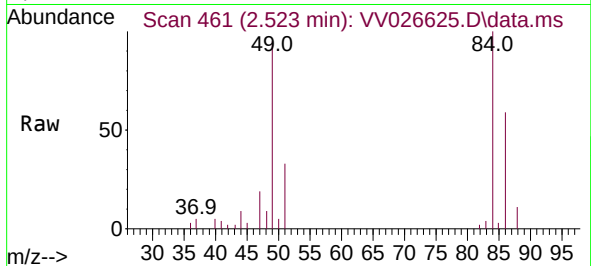




#16
Methylene chloride
Concen: 0.602 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

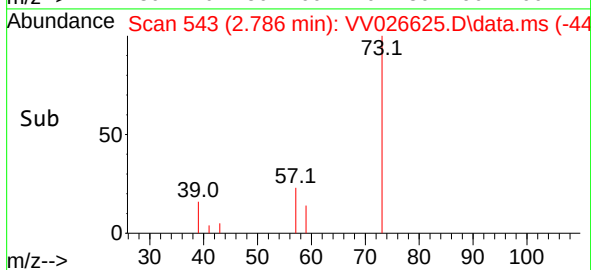
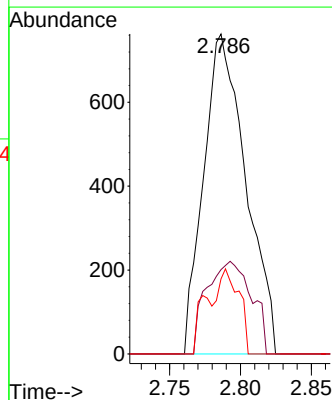
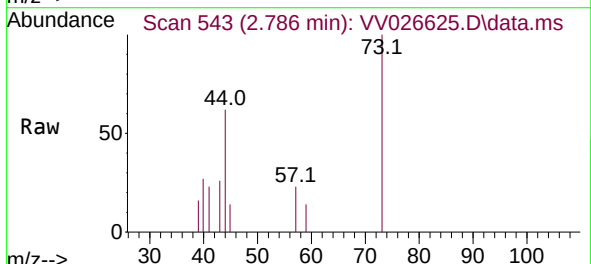
Instrument :
MSVOA_V
ClientSampleId :
C0AM3

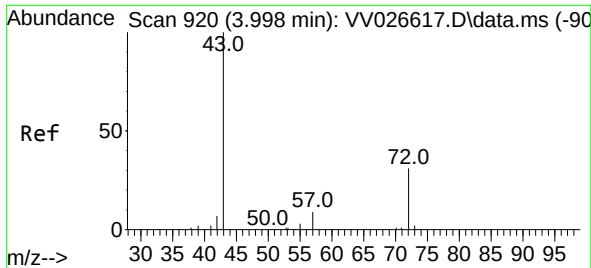
Tgt Ion: 84 Resp: 8501
Ion Ratio Lower Upper
84 100
86 59.2 46.0 85.4
49 95.0 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.073 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

Tgt Ion: 73 Resp: 1580
Ion Ratio Lower Upper
73 100
43 30.7 13.3 19.9#
57 13.5 17.2 25.8#

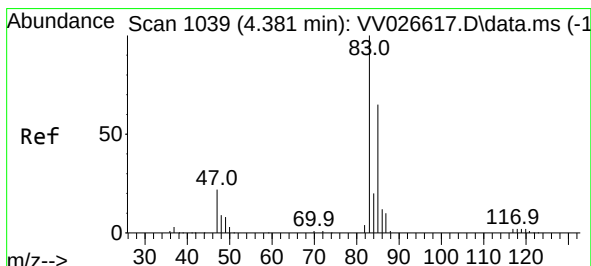
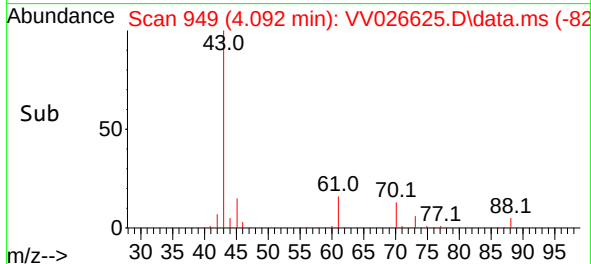
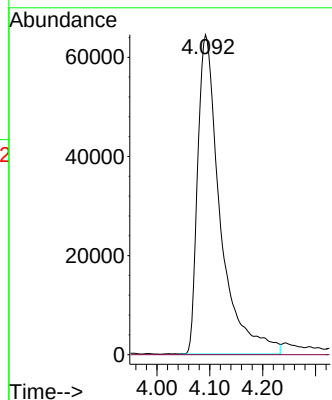
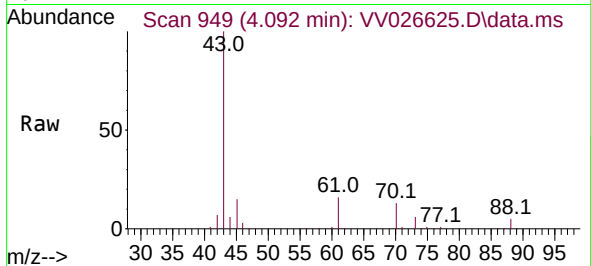




#21
2-Butanone
Concen: 127.068 ug/L
RT: 4.092 min Scan# 949
Delta R.T. 0.093 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

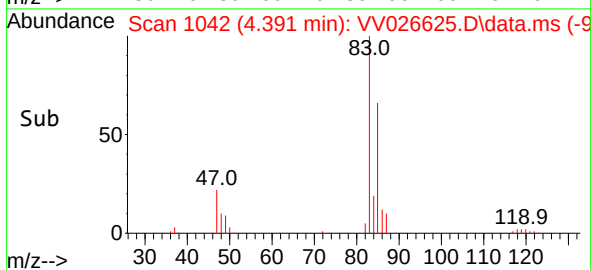
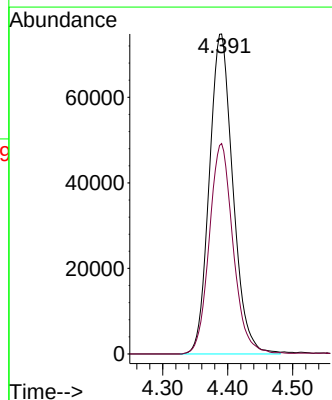
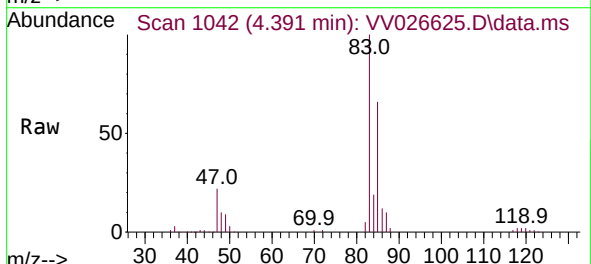
Instrument :
MSVOA_V
ClientSampleId :
COAM3

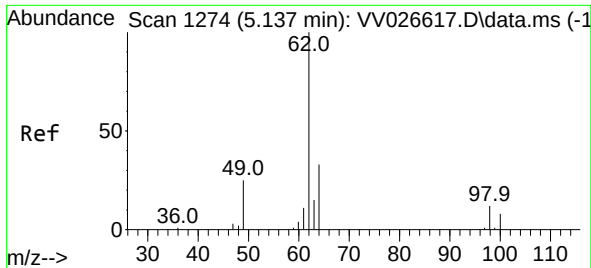
Tgt Ion: 43 Resp: 190874
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#



#25
Chloroform
Concen: 7.247 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026625.D
Acq: 01 Jul 2022 13:27

Tgt Ion: 83 Resp: 188841
Ion Ratio Lower Upper
83 100
85 65.7 44.0 81.8





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.056 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

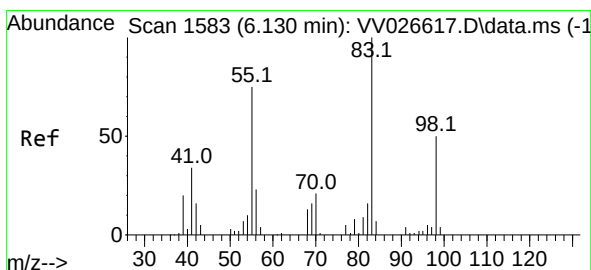
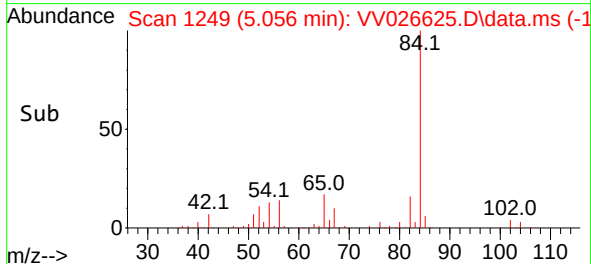
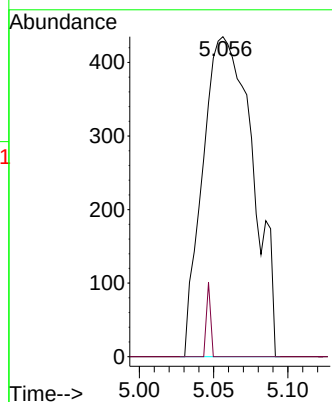
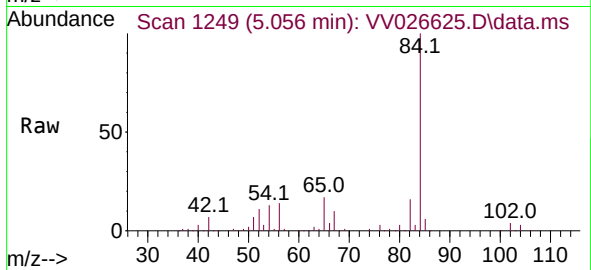
C0AM3

Tgt Ion: 62 Resp: 1013

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.051 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

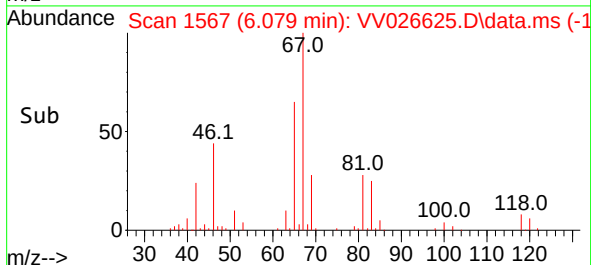
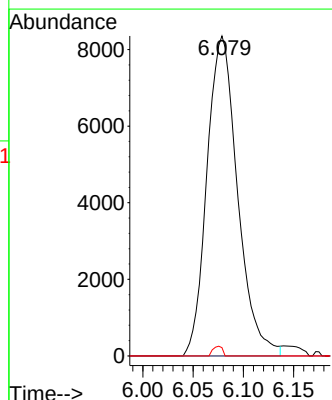
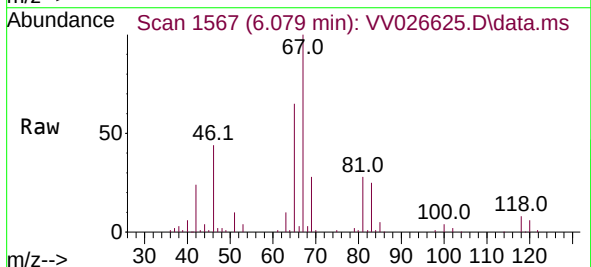
Tgt Ion: 83 Resp: 17719

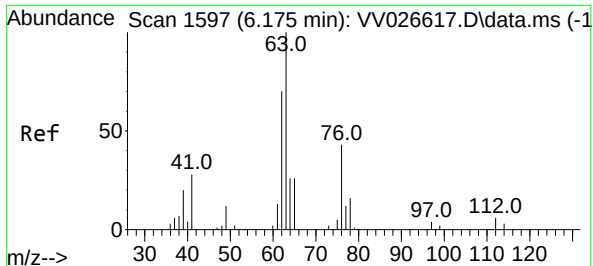
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.9 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

Instrument :

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ClientSampleId :

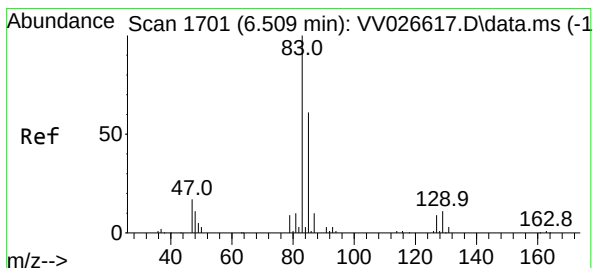
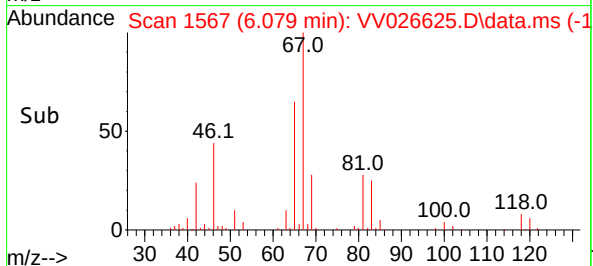
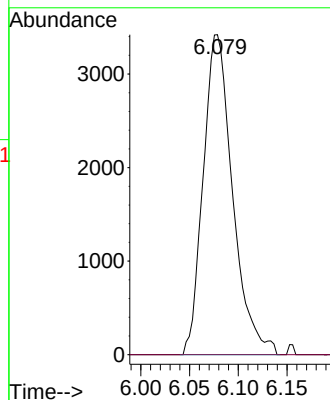
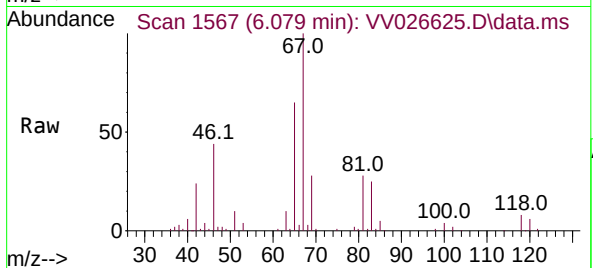
COAM3

Tgt Ion: 63 Resp: 7187

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#38

Bromodichloromethane

Concen: 0.038 ug/L

RT: 6.529 min Scan# 1707

Delta R.T. 0.019 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

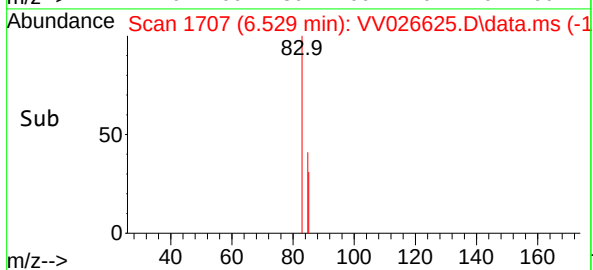
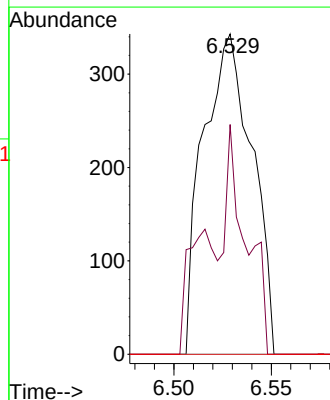
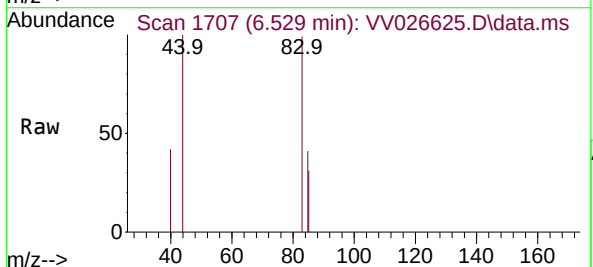
Tgt Ion: 83 Resp: 598

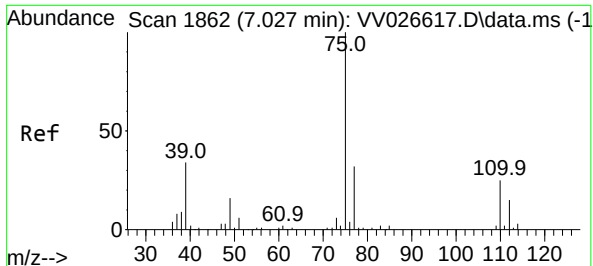
Ion Ratio Lower Upper

83 100

85 71.7 44.0 81.8

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

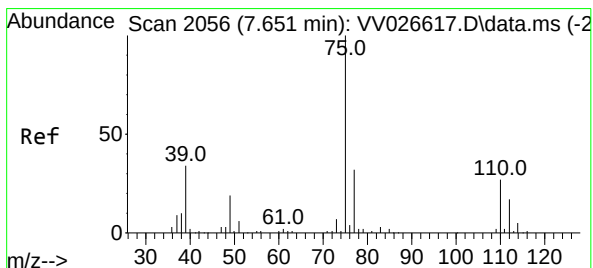
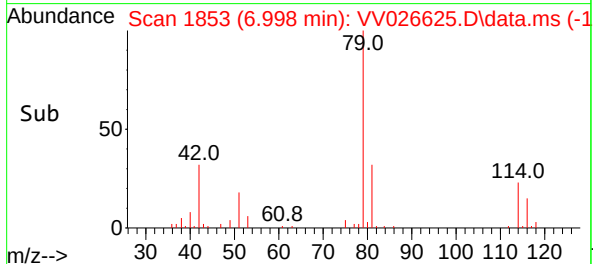
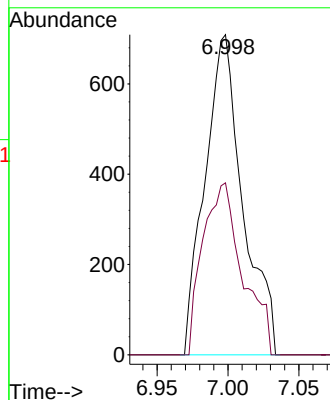
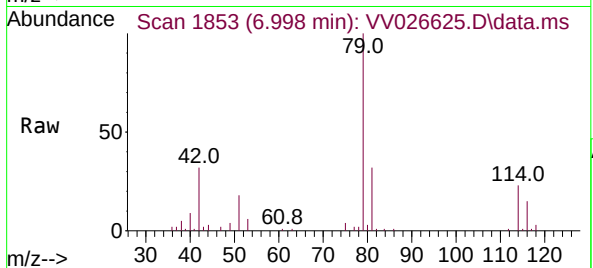
C0AM3

Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

77 53.7 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.022 min

Lab File: VV026625.D

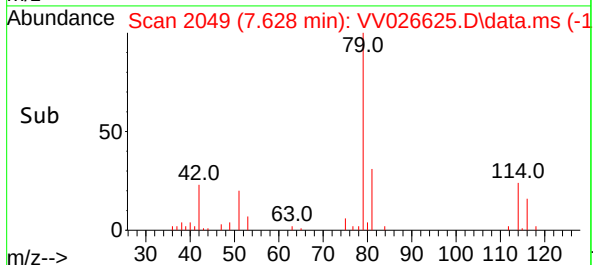
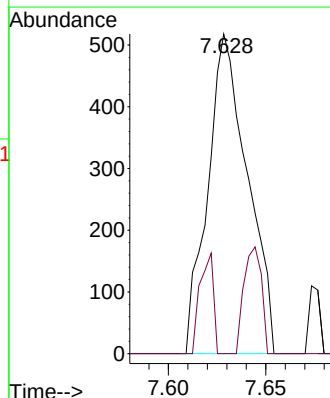
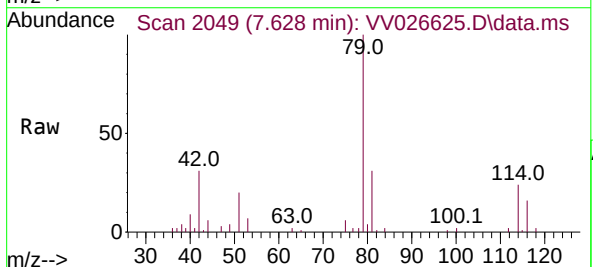
Acq: 01 Jul 2022 13:27

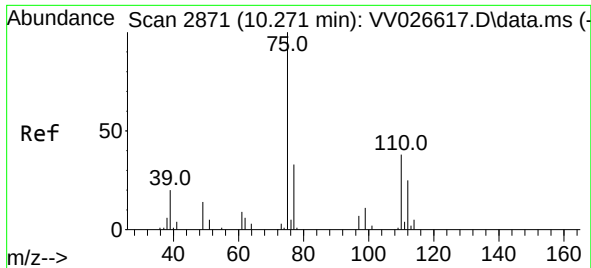
Tgt Ion: 75 Resp: 734

Ion Ratio Lower Upper

75 100

77 0.0 23.1 42.9#





#61

1,2,3-Trichloropropane

Concen: 1.761 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV026625.D

Acq: 01 Jul 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

C0AM3

Tgt Ion: 75 Resp: 9196

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

110 0.4 32.5 48.7#

