

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026570.D
 Acq On : 27 Jun 2022 13:20
 Operator : SY/MD
 Sample : N3425-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAM1

Quant Time: Jun 28 01:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

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

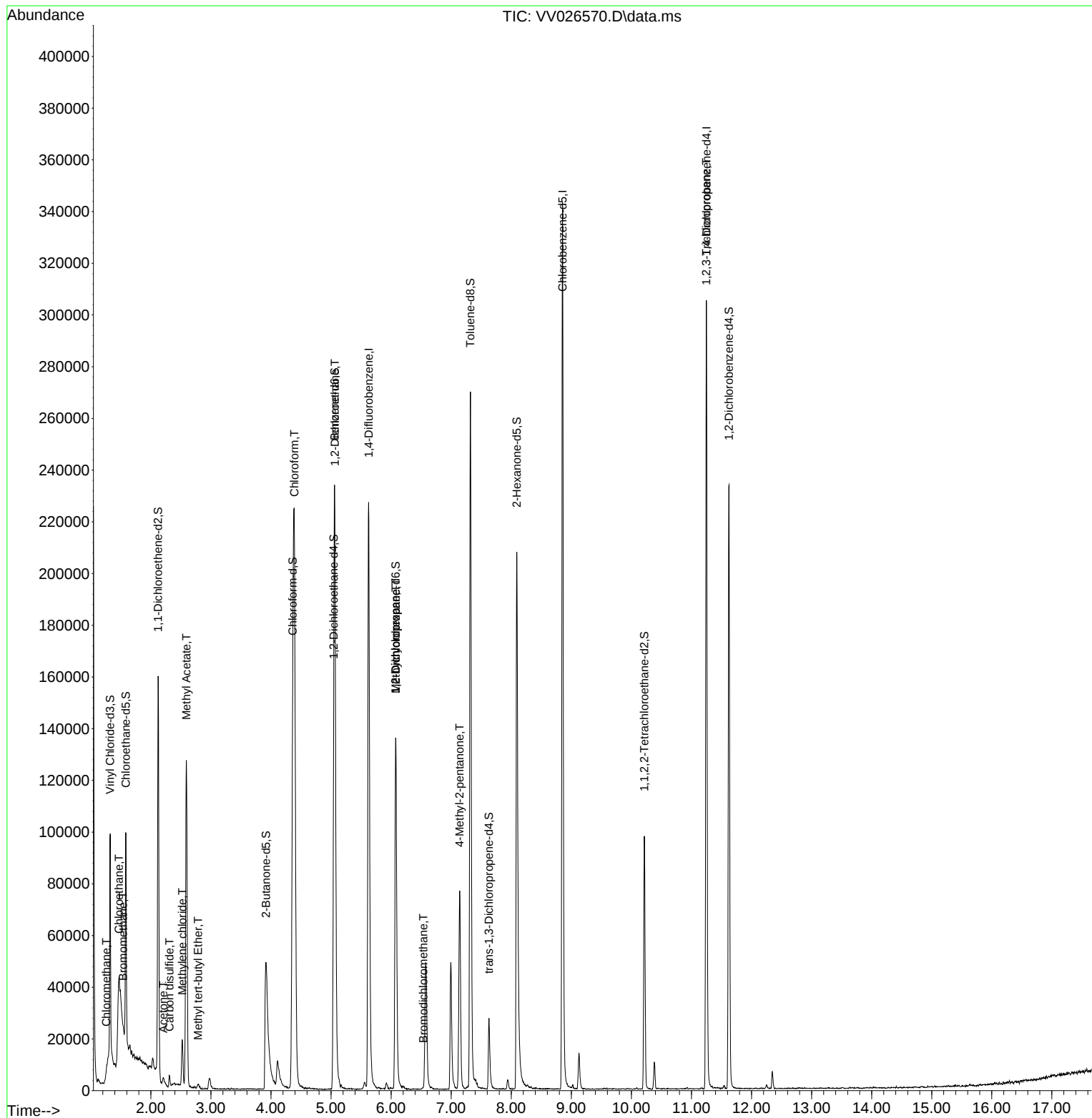
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	206958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	199154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57928	3.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.584	69	53254	3.983	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.121	63	82475	2.789	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.800%#	
20) 2-Butanone-d5	3.915	46	105736	63.899	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.800%	
24) Chloroform-d	4.362	84	129124	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.043	65	50437	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.059	84	224768	3.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.075	67	70370	4.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.320	98	189631	3.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.628	79	17707	4.355	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.091	63	71039	45.869	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48298	4.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62753	4.607	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1141	0.066	ug/L	91
6) Bromomethane	1.535	94	647	0.065	ug/L	76
8) Chloroethane	1.468	64	123590	9.903	ug/L #	55
13) Acetone	2.207	43	5669	5.400	ug/L	98
14) Carbon disulfide	2.310	76	5391	0.146	ug/L	99
15) Methyl Acetate	2.593	43	3084	1.019	ug/L #	47
16) Methylene chloride	2.522	84	8268	0.557	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	1601	0.070	ug/L #	84
25) Chloroform	4.391	83	196985	7.191	ug/L	99
27) 1,2-Dichloroethane	5.063	62	1080	0.089	ug/L #	72
35) Methylcyclohexane	6.075	83	17008	0.752	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	7483	0.534	ug/L #	84
38) Bromodichloromethane	6.535	83	661	0.040	ug/L #	75
40) 4-Methyl-2-pentanone	7.140	43	31638	6.683	ug/L #	44
61) 1,2,3-Trichloropropane	11.246	75	9178	1.722	ug/L #	65

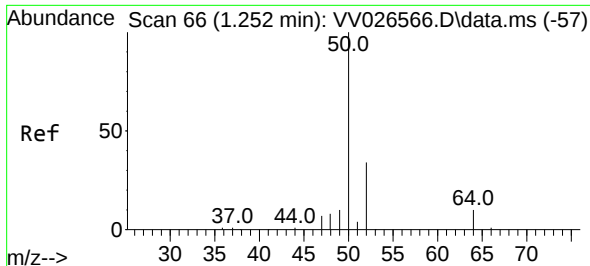
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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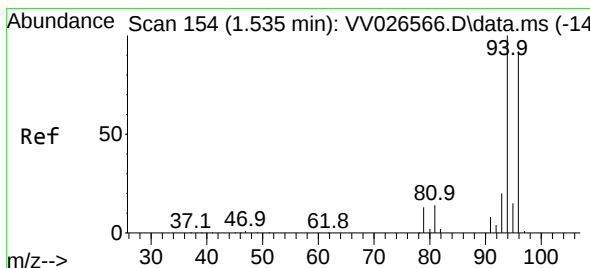
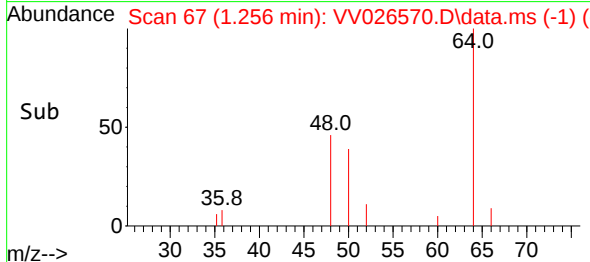
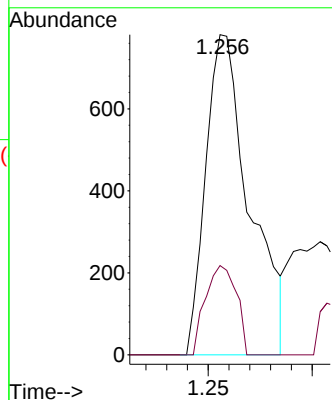
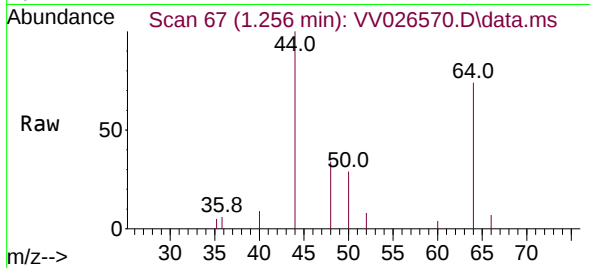




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

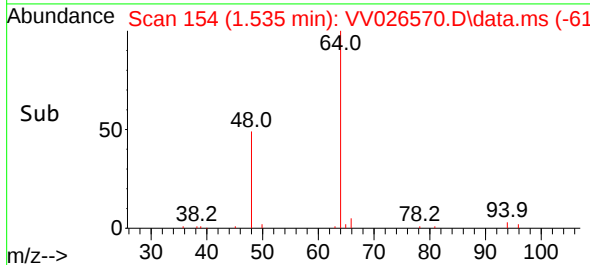
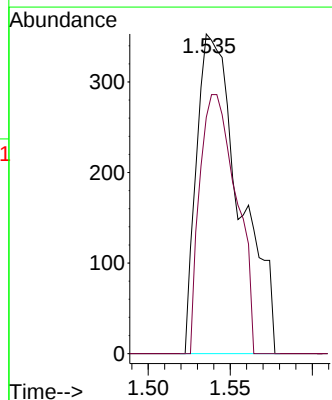
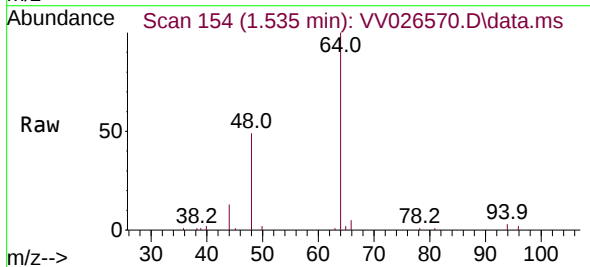
Instrument :
MSVOA_V
ClientSampleId :
COAM1

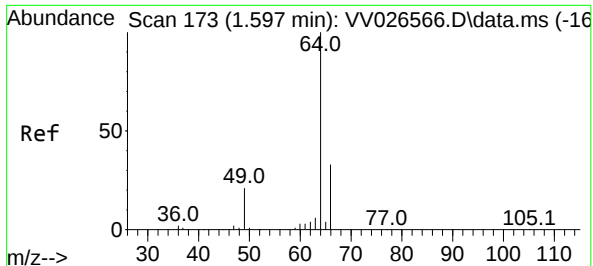
Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 27.9 23.0 42.6



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 73.9 68.0 126.2

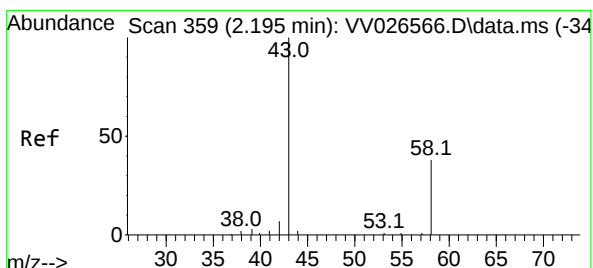
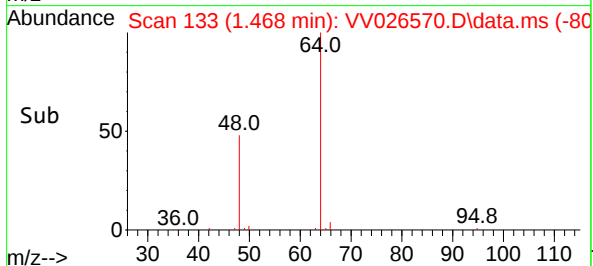
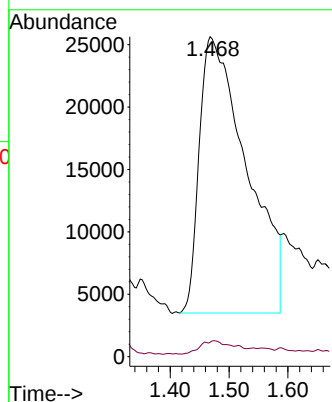
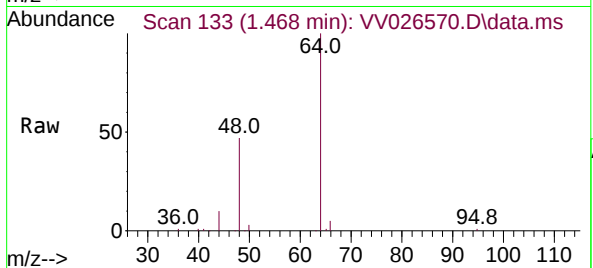




#8
Chloroethane
Concen: 9.903 ug/L
RT: 1.468 min Scan# 11
Delta R.T. -0.129 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

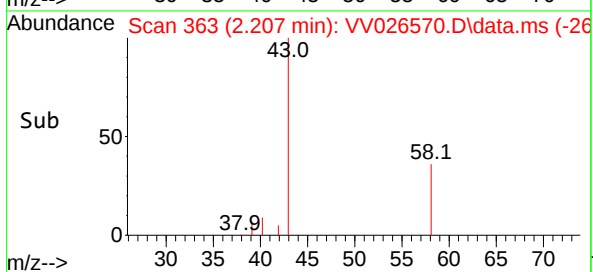
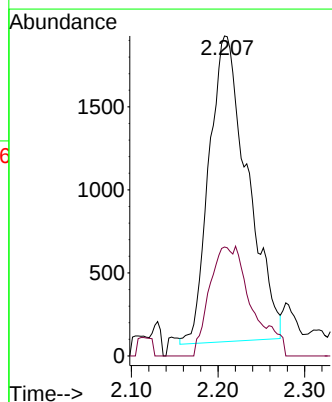
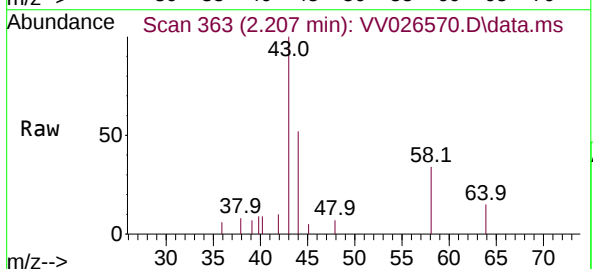
Instrument :
MSVOA_V
ClientSampleId :
C0AM1

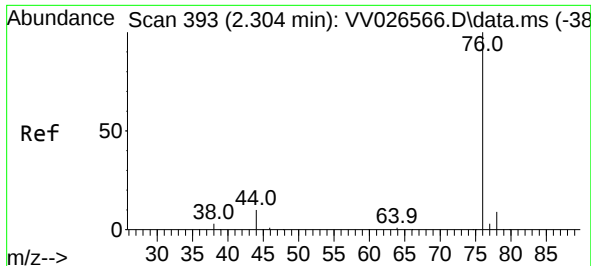
Tgt Ion: 64 Resp: 123590
Ion Ratio Lower Upper
64 100
66 4.5 20.0 37.2#



#13
Acetone
Concen: 5.400 ug/L
RT: 2.207 min Scan# 363
Delta R.T. 0.013 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
58 36.1 0.0 75.0





#14

Carbon disulfide

Concen: 0.146 ug/L

RT: 2.310 min Scan# 393

Delta R.T. 0.006 min

Lab File: VV026570.D

Acq: 27 Jun 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

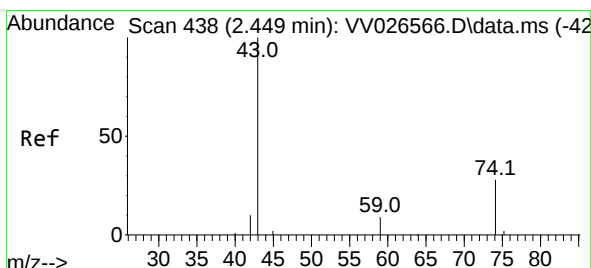
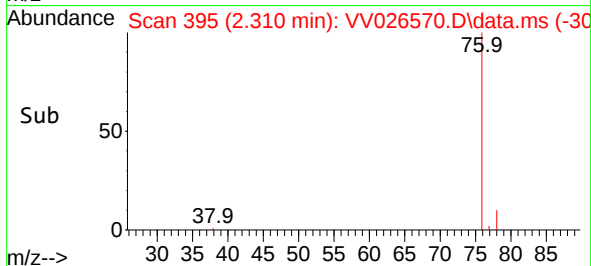
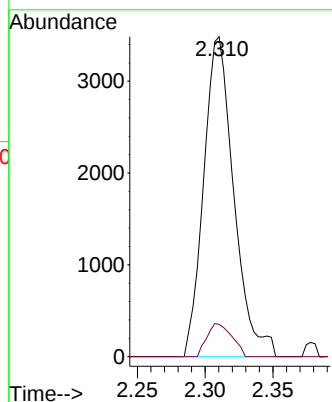
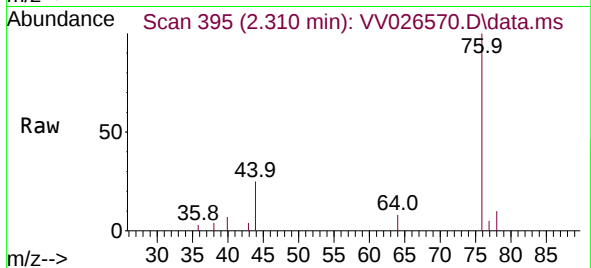
C0AM1

Tgt Ion: 76 Resp: 5391

Ion Ratio Lower Upper

76 100

78 10.1 7.8 11.6



#15

Methyl Acetate

Concen: 1.019 ug/L

RT: 2.593 min Scan# 483

Delta R.T. 0.145 min

Lab File: VV026570.D

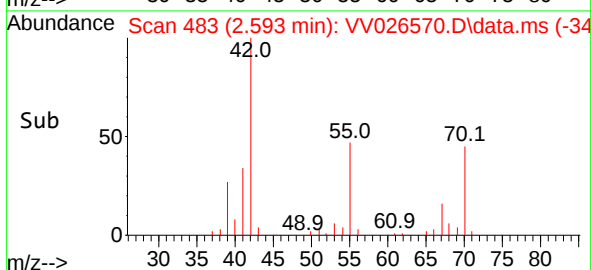
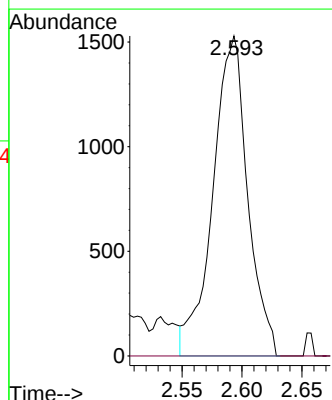
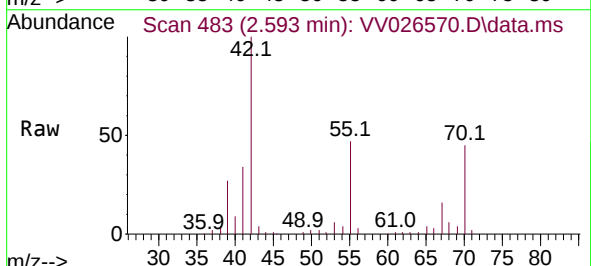
Acq: 27 Jun 2022 13:20

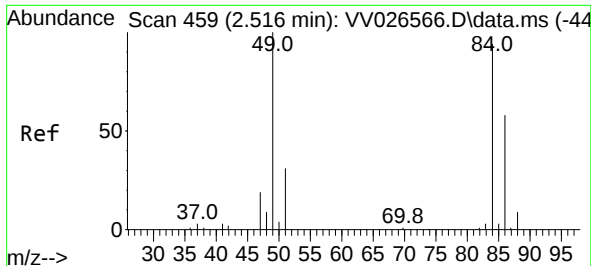
Tgt Ion: 43 Resp: 3084

Ion Ratio Lower Upper

43 100

74 0.0 22.1 33.1#

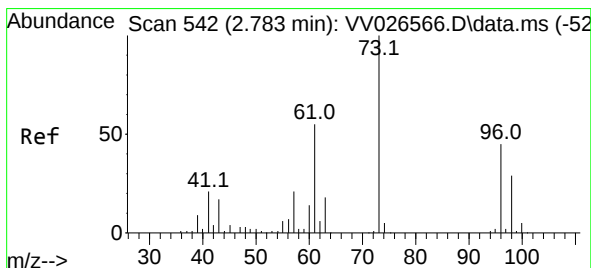
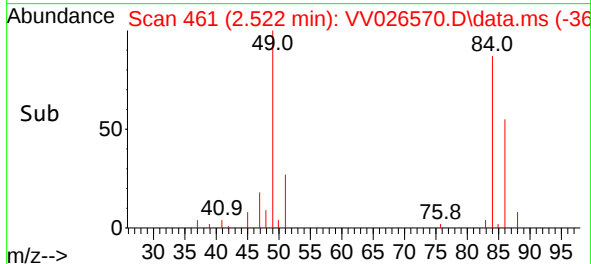
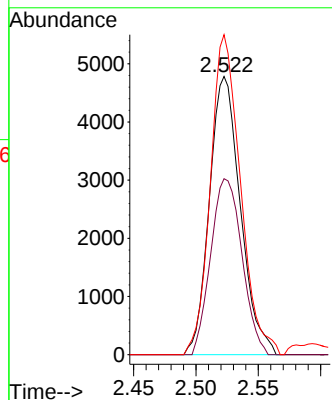
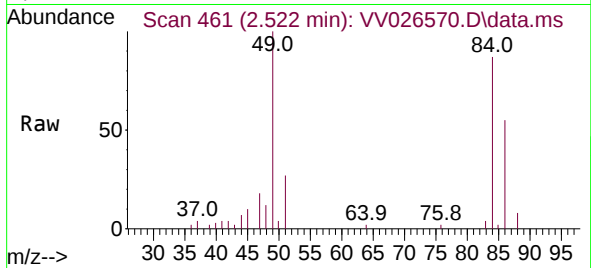




#16
Methylene chloride
Concen: 0.557 ug/L
RT: 2.522 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

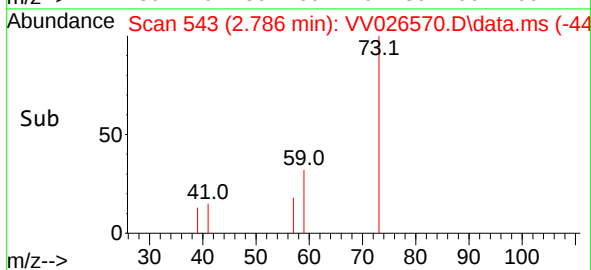
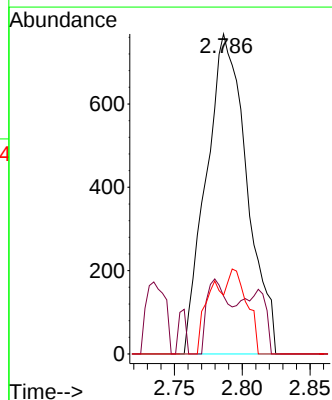
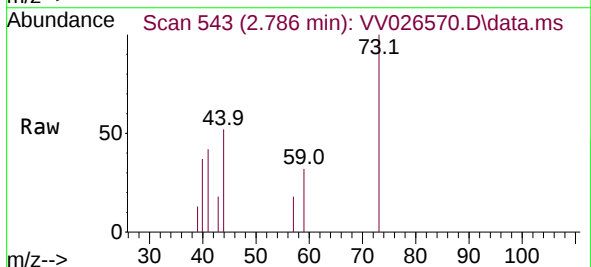
Instrument :
MSVOA_V
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COAM1

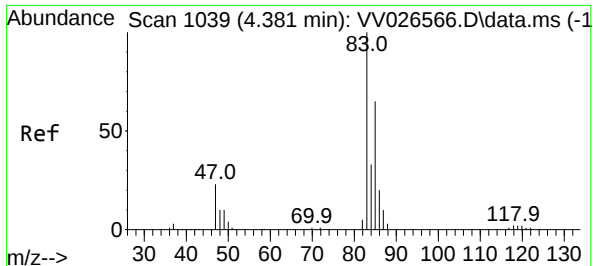
Tgt Ion: 84 Resp: 8268
Ion Ratio Lower Upper
84 100
86 63.3 46.0 85.4
49 115.0 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.070 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

Tgt Ion: 73 Resp: 1601
Ion Ratio Lower Upper
73 100
43 11.2 13.3 19.9#
57 13.0 17.2 25.8#





#25

Chloroform

Concen: 7.191 ug/L

RT: 4.391 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026570.D

Acq: 27 Jun 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

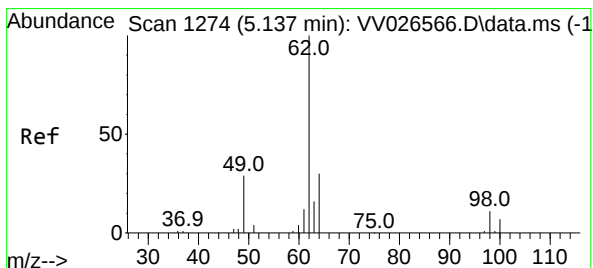
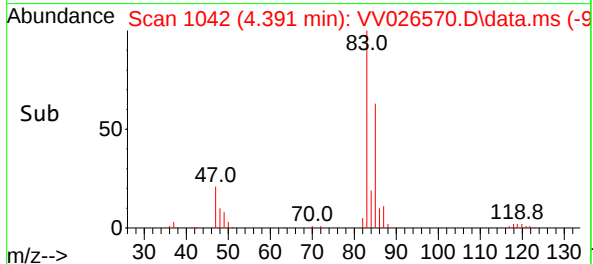
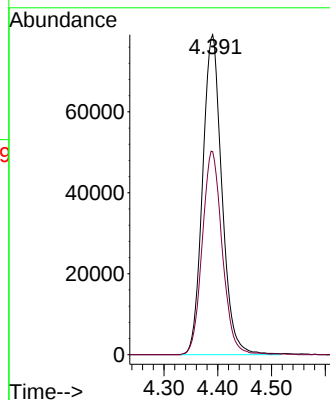
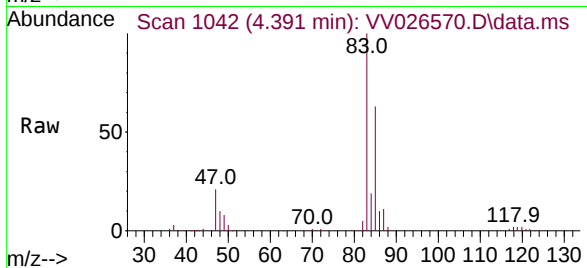
C0AM1

Tgt Ion: 83 Resp: 196985

Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.089 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.074 min

Lab File: VV026570.D

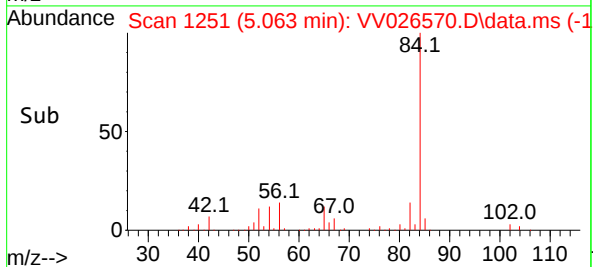
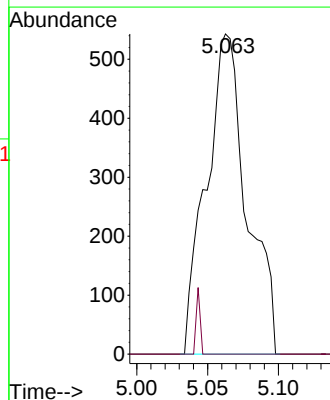
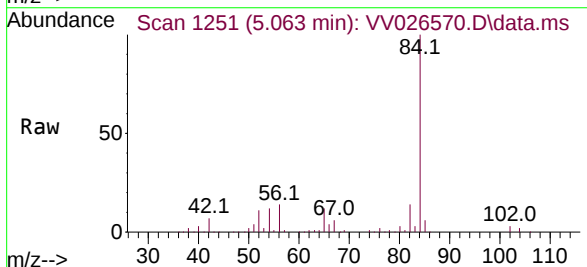
Acq: 27 Jun 2022 13:20

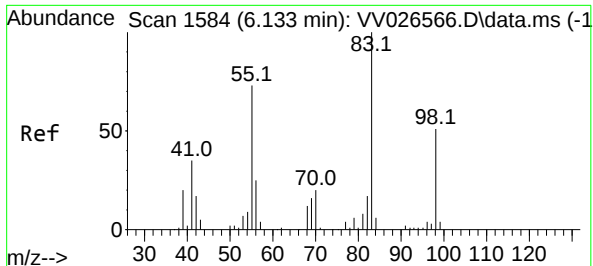
Tgt Ion: 62 Resp: 1080

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#

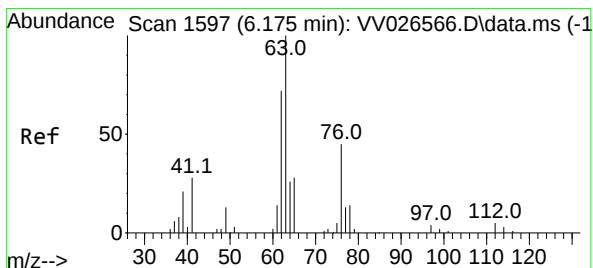
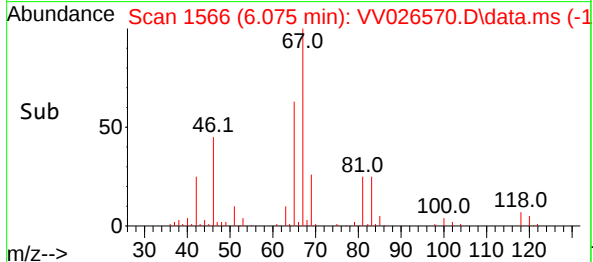
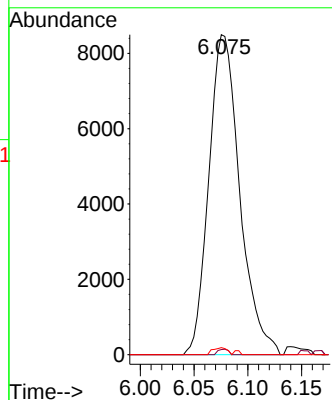
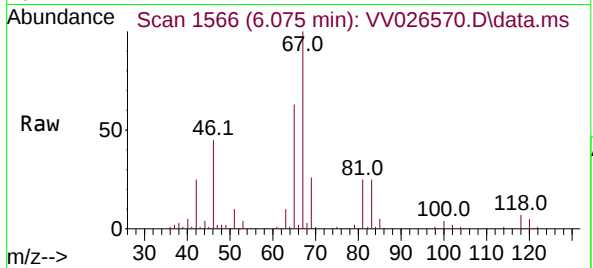




#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

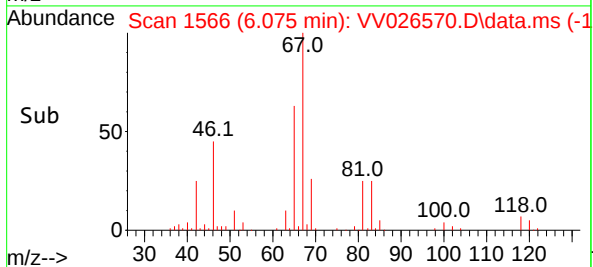
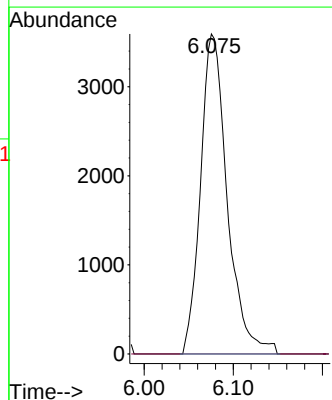
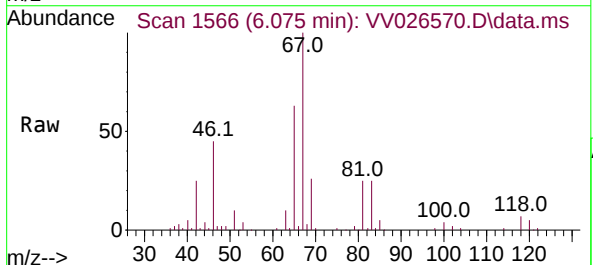
Instrument :
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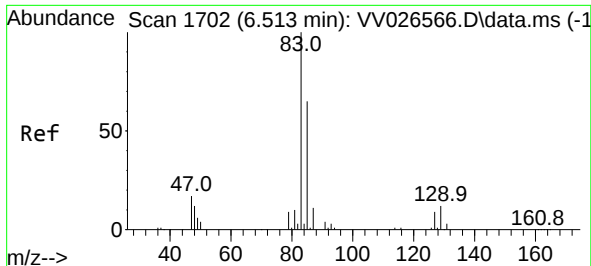
Tgt Ion: 83 Resp: 17008
Ion Ratio Lower Upper
83 100
55 0.6 57.0 85.4#
98 1.0 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

Tgt Ion: 63 Resp: 7483
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

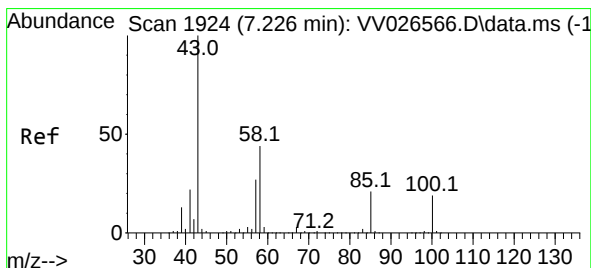
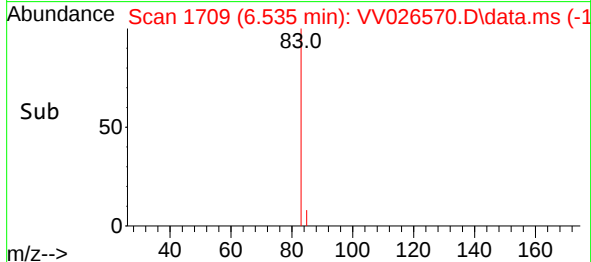
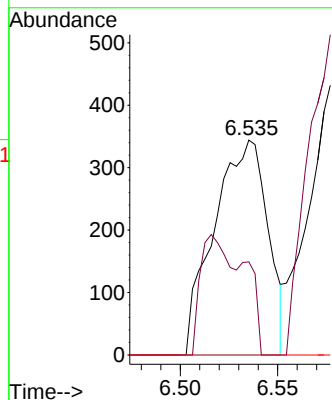
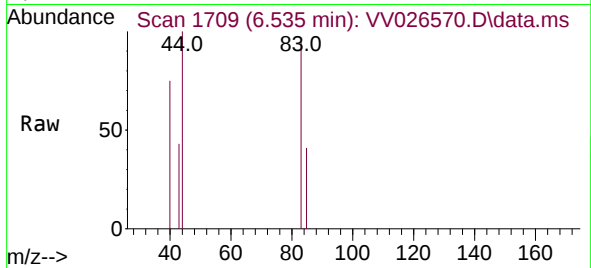




#38
Bromodichloromethane
Concen: 0.040 ug/L
RT: 6.535 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

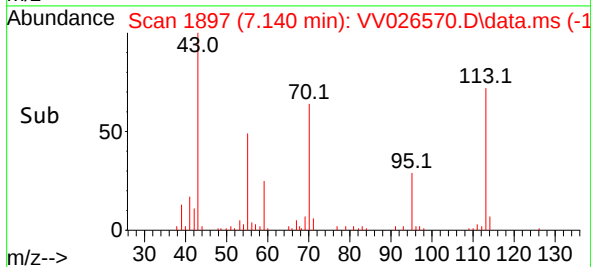
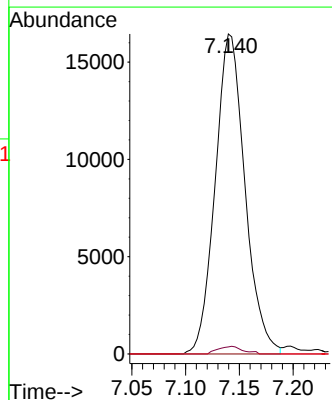
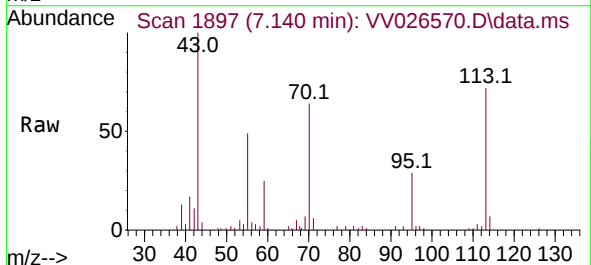
Instrument :
MSVOA_V
ClientSampleId :
C0AM1

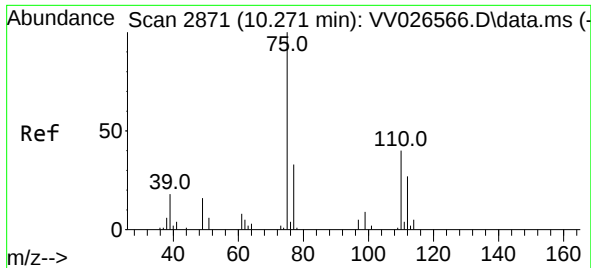
Tgt Ion: 83 Resp: 661
Ion Ratio Lower Upper
83 100
85 43.3 44.0 81.8#
127 0.0 6.6 10.0#



#40
4-Methyl-2-pentanone
Concen: 6.683 ug/L
RT: 7.140 min Scan# 1897
Delta R.T. -0.087 min
Lab File: VV026570.D
Acq: 27 Jun 2022 13:20

Tgt Ion: 43 Resp: 31638
Ion Ratio Lower Upper
43 100
58 2.0 33.3 49.9#
100 0.0 14.3 21.5#





#61

1,2,3-Trichloropropane

Concen: 1.722 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV026570.D

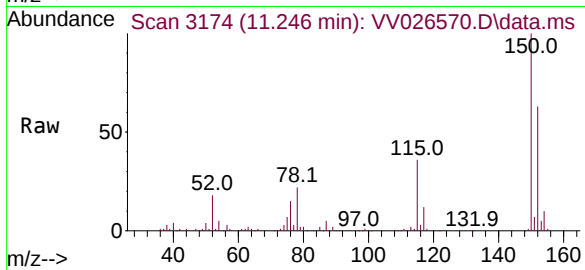
Acq: 27 Jun 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

C0AM1



Tgt Ion: 75 Resp: 9178

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

110 2.5 32.5 48.7#

