

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
 Data File : VV026626.D
 Acq On : 01 Jul 2022 13:51
 Operator : SY/MD
 Sample : N3506-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AM4

Quant Time: Jul 04 02:04:10 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)

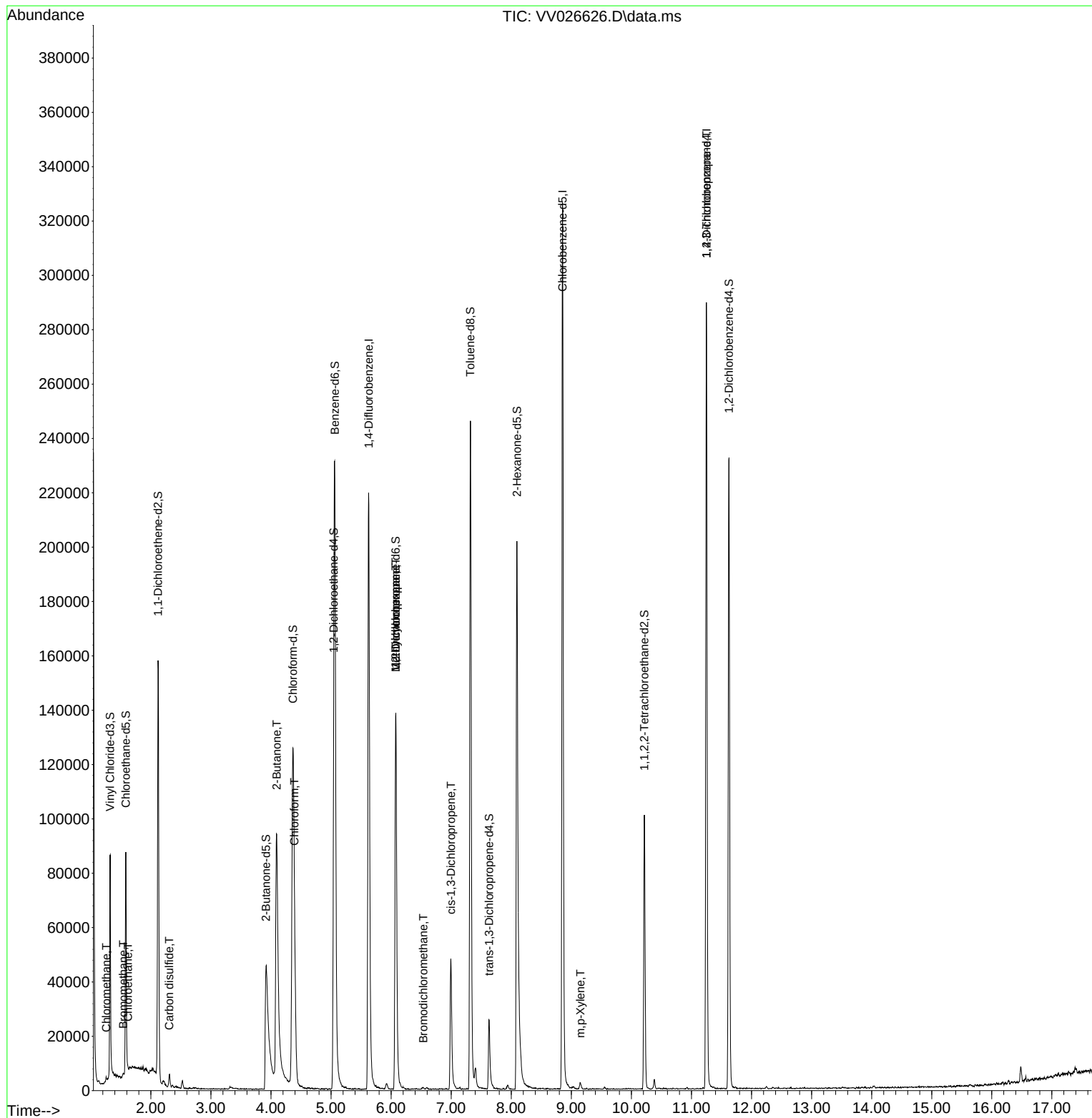
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	200801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	190727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	56784	3.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.584	69	52912	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.121	63	80835	2.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.918	46	93872	58.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.940%
24) Chloroform-d	4.365	84	124636	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.043	65	50756	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.063	84	225744	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.079	67	70628	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	173175	3.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.632	79	17209	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.095	63	72249	48.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49965	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63530	4.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	641	0.038	ug/L #	67
6) Bromomethane	1.539	94	418	0.043	ug/L #	67
8) Chloroethane	1.619	64	7364	0.608	ug/L #	54
14) Carbon disulfide	2.307	76	5305	0.148	ug/L #	92
21) 2-Butanone	4.095	43	157676	102.905	ug/L #	48
25) Chloroform	4.391	83	45113	1.697	ug/L	98
35) Methylcyclohexane	6.075	83	17006	0.785	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7485	0.558	ug/L #	86
38) Bromodichloromethane	6.535	83	585	0.037	ug/L #	77
39) cis-1,3-Dichloropropene	6.995	75	1161	0.086	ug/L #	81
53) m,p-Xylene	9.149	106	918	0.040	ug/L	74
61) 1,2,3-Trichloropropane	11.249	75	8913	1.730	ug/L #	65

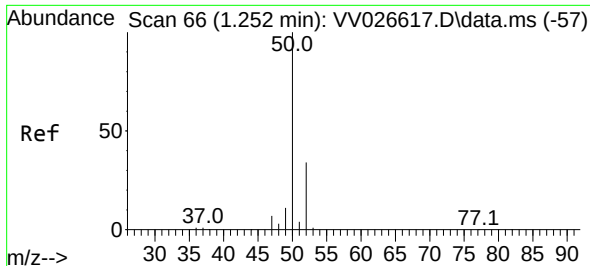
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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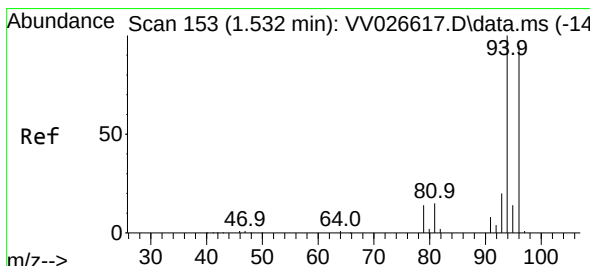
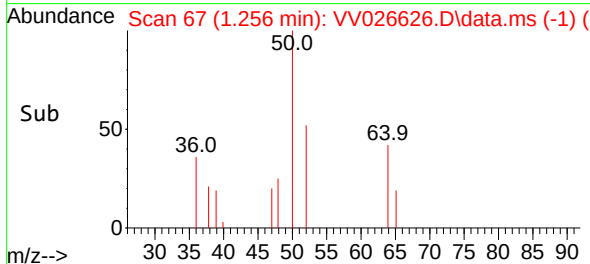
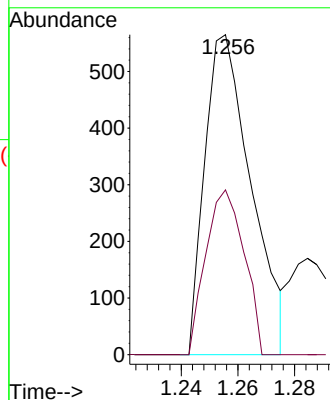
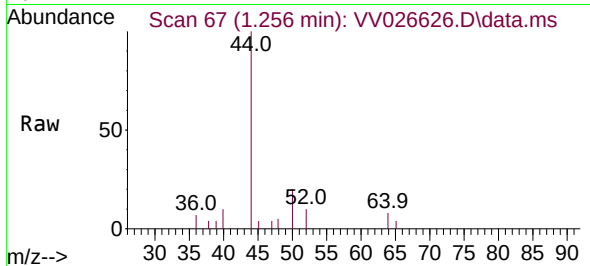




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

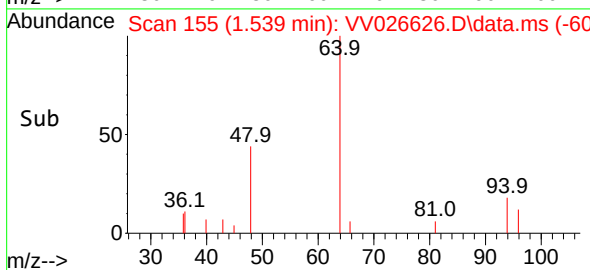
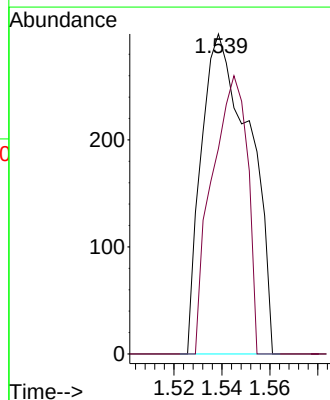
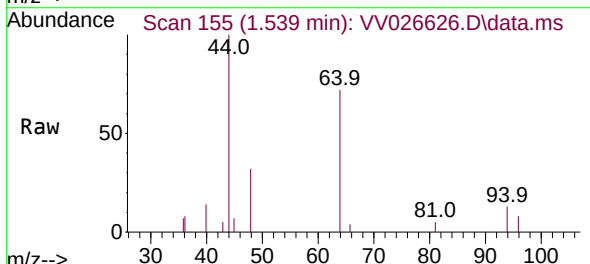
Instrument :
MSVOA_V
ClientSampleId :
C0AM4

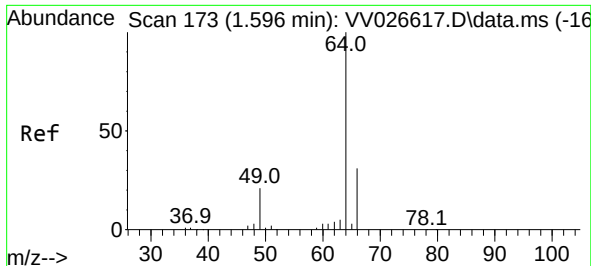
Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 51.5 23.0 42.6#



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 64.2 68.0 126.2#

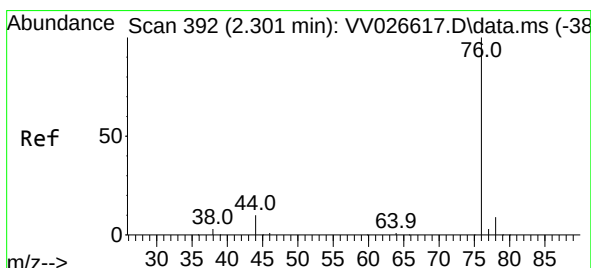
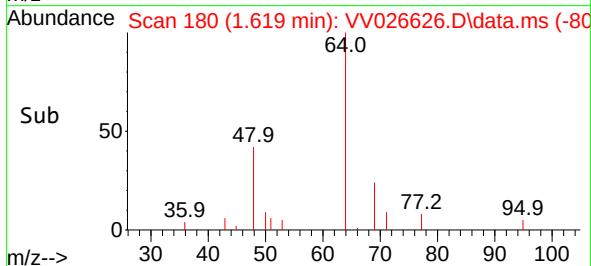
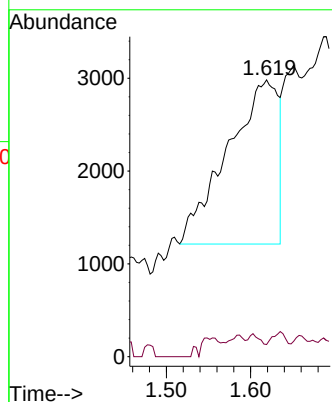
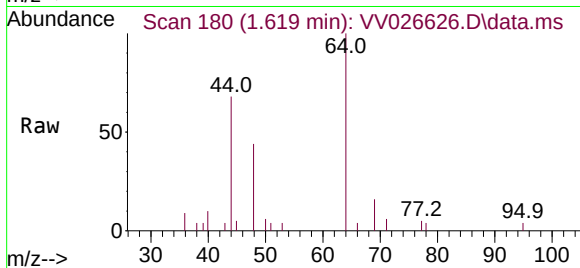




#8
Chloroethane
Concen: 0.608 ug/L
RT: 1.619 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

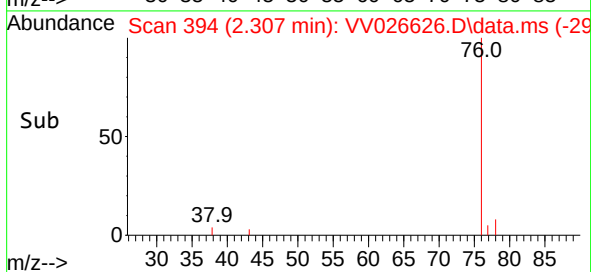
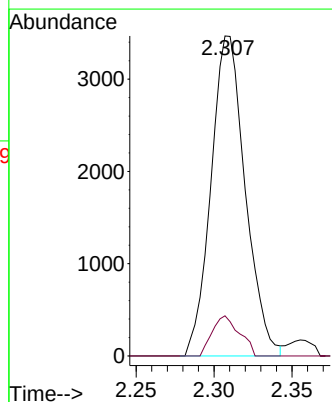
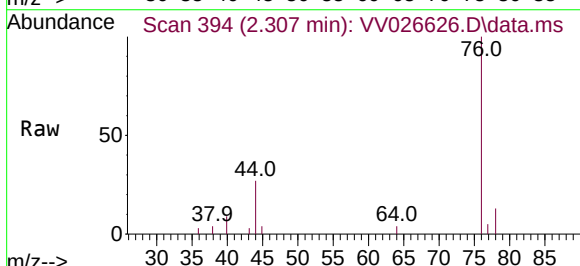
Instrument :
MSVOA_V
ClientSampleId :
C0AM4

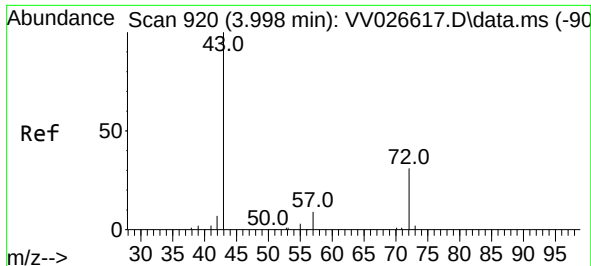
Tgt Ion: 64 Resp: 7364
Ion Ratio Lower Upper
64 100
66 4.4 20.0 37.2#



#14
Carbon disulfide
Concen: 0.148 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

Tgt Ion: 76 Resp: 5305
Ion Ratio Lower Upper
76 100
78 12.6 7.8 11.6#

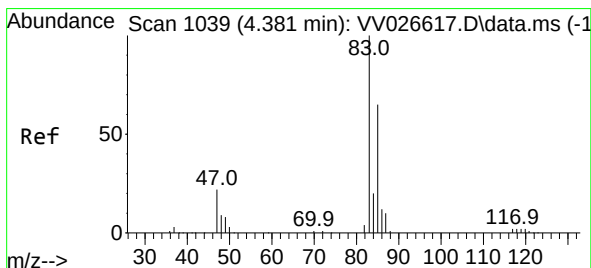
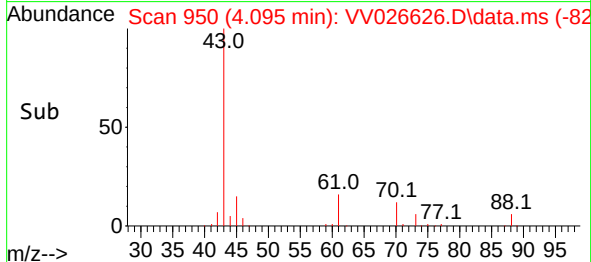
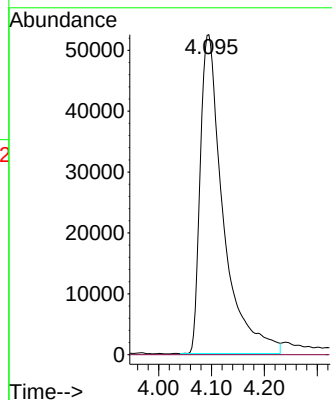
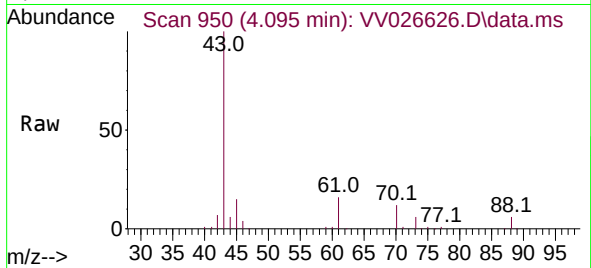




#21
2-Butanone
Concen: 102.905 ug/L
RT: 4.095 min Scan# 91
Delta R.T. 0.096 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

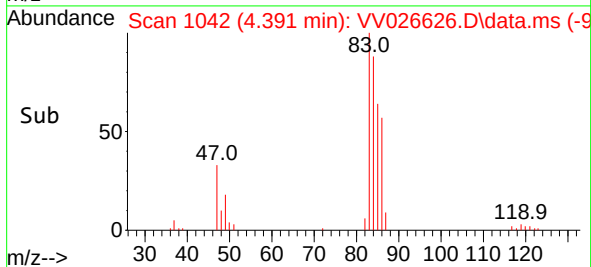
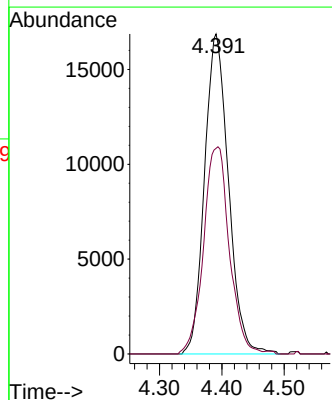
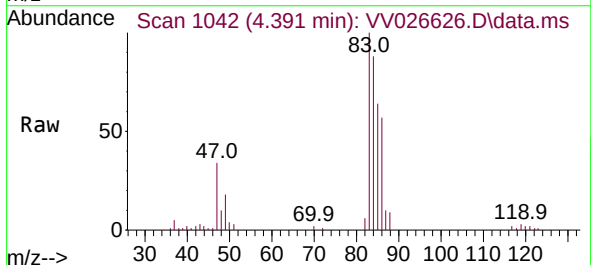
Instrument :
MSVOA_V
ClientSampleId :
C0AM4

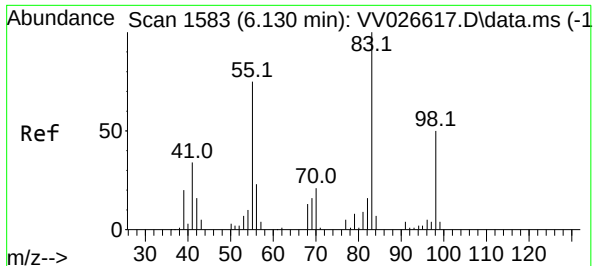
Tgt Ion: 43 Resp: 157676
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.5#



#25
Chloroform
Concen: 1.697 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

Tgt Ion: 83 Resp: 45113
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.8





#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026626.D

Acq: 01 Jul 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

C0AM4

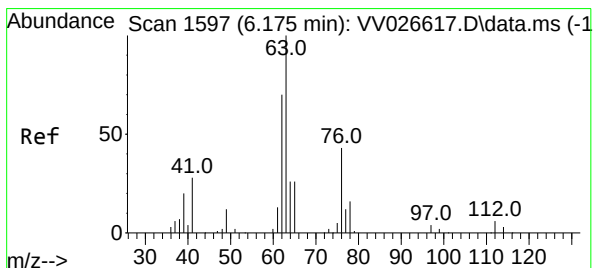
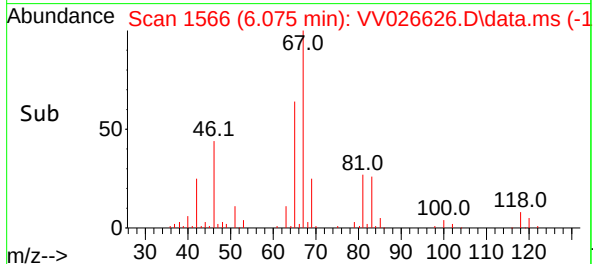
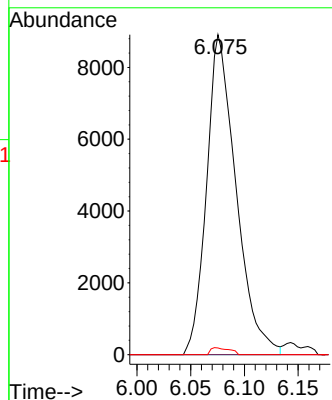
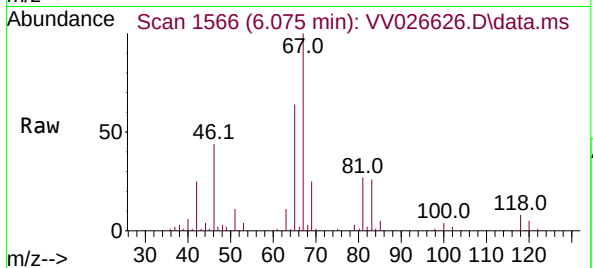
Tgt Ion: 83 Resp: 17006

Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.4 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV026626.D

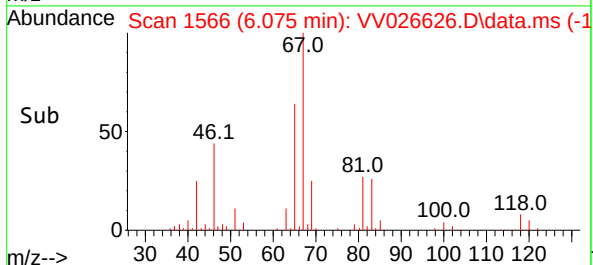
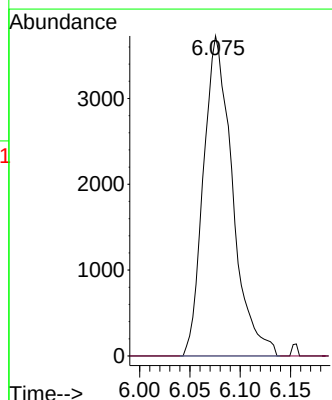
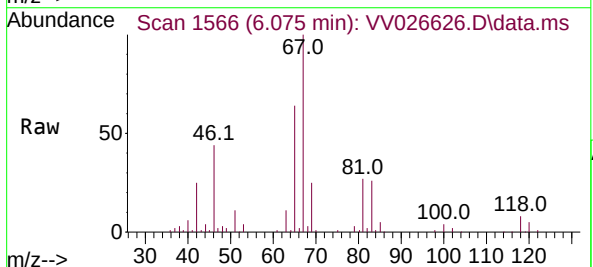
Acq: 01 Jul 2022 13:51

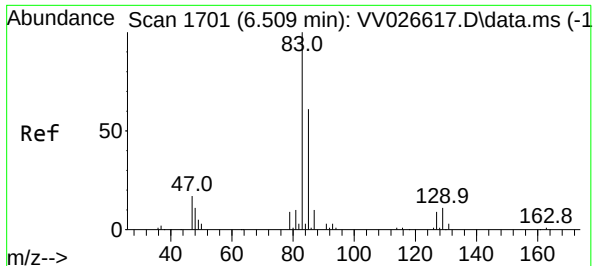
Tgt Ion: 63 Resp: 7485

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.4#

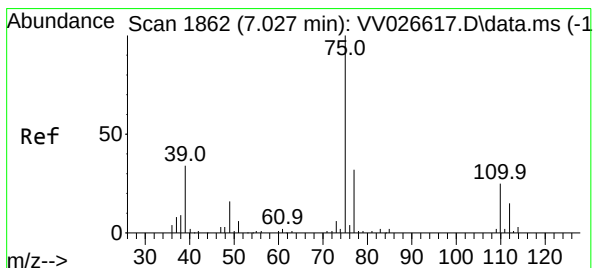
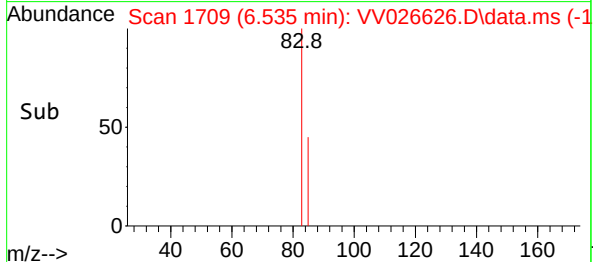
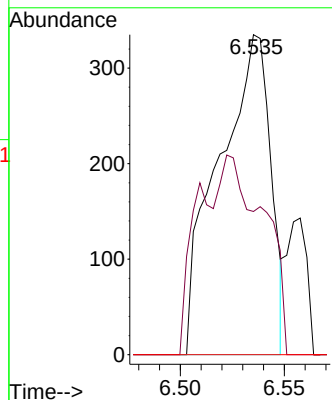
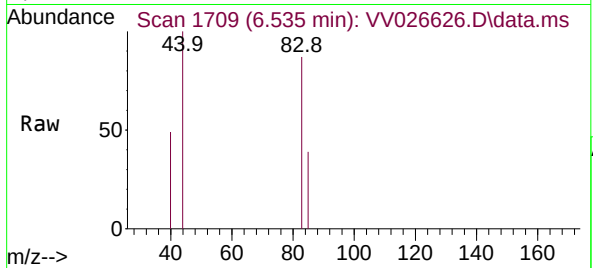




#38
Bromodichloromethane
Concen: 0.037 ug/L
RT: 6.535 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV026626.D
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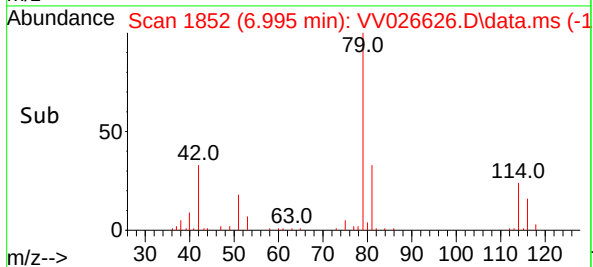
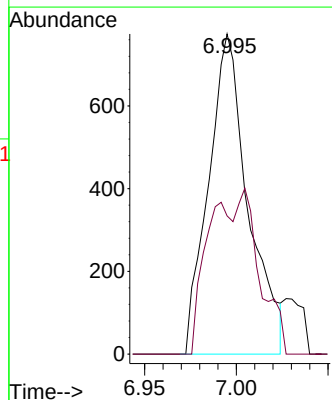
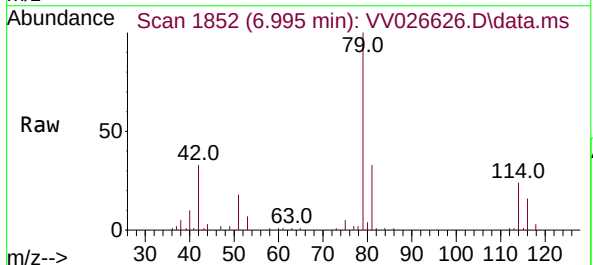
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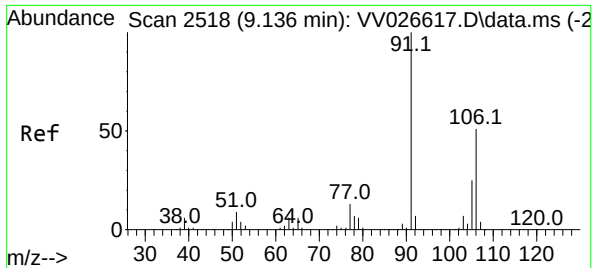
Tgt Ion: 83 Resp: 585
Ion Ratio Lower Upper
83 100
85 44.8 44.0 81.8
127 0.0 6.6 10.0#



#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV026626.D
Acq: 01 Jul 2022 13:51

Tgt Ion: 75 Resp: 1161
Ion Ratio Lower Upper
75 100
77 43.2 22.8 42.4#

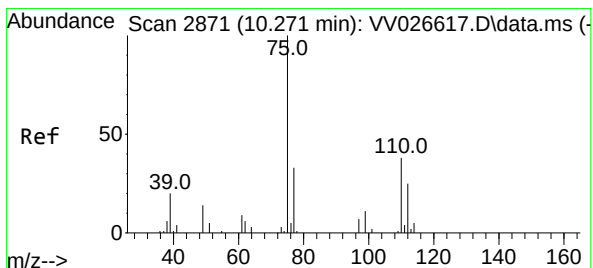
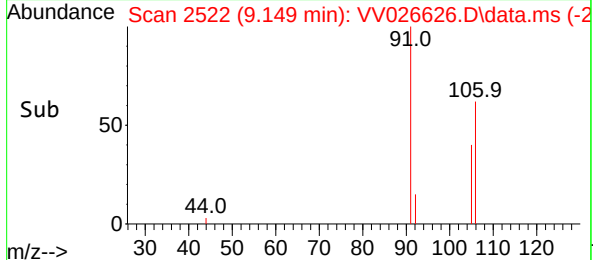
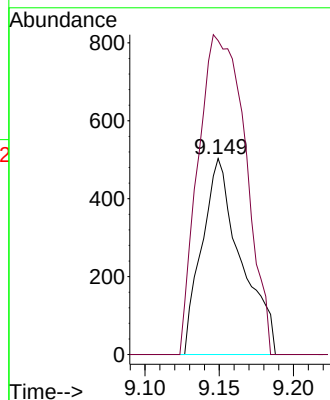
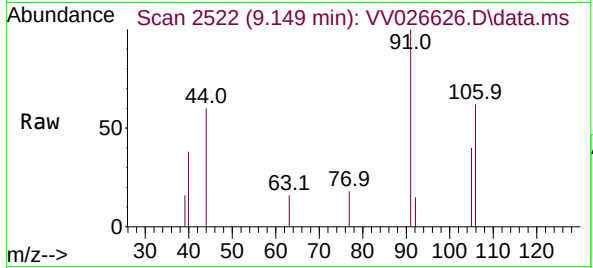




#53
 m,p-Xylene
 Concen: 0.040 ug/L
 RT: 9.149 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV026626.D
 Acq: 01 Jul 2022 13:51

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Tgt Ion:106 Resp: 918
 Ion Ratio Lower Upper
 106 100
 91 160.2 139.9 259.9



#61
 1,2,3-Trichloropropane
 Concen: 1.730 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026626.D
 Acq: 01 Jul 2022 13:51

Tgt Ion: 75 Resp: 8913
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6
 110 3.1 32.5 48.7#

