

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026557.D
 Acq On : 24 Jun 2022 15:53
 Operator : SY/MD
 Sample : N3401-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG2

Quant Time: Jun 25 02:35:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

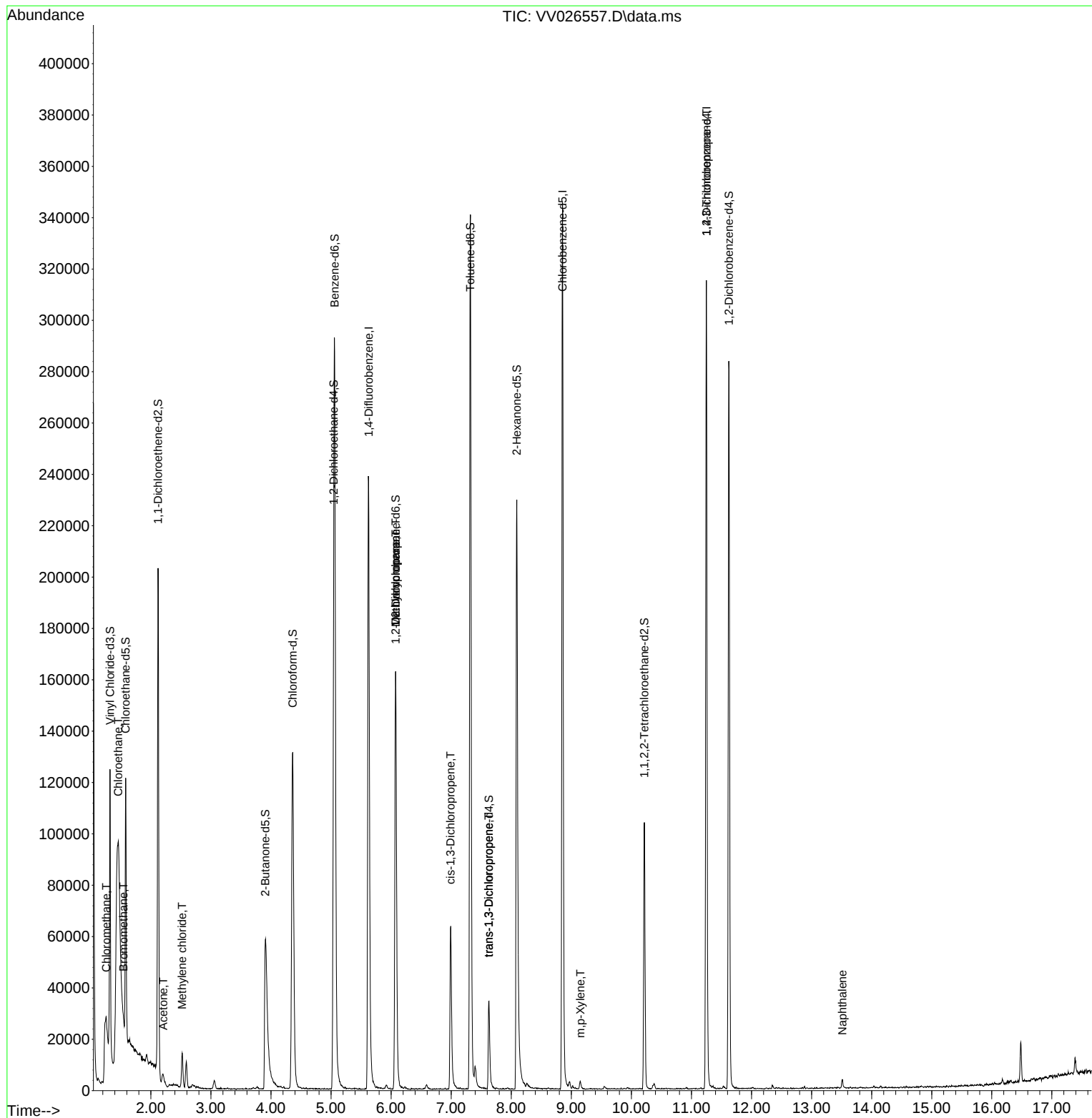
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	220922	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	200145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	73952	4.162	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.581	69	65538	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.121	63	102921	3.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.905	46	111365	63.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.100%
24) Chloroform-d	4.362	84	142231	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.043	65	57651	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.059	84	285384	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.075	67	83551	5.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	239141	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.628	79	21600	5.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.091	63	80463	51.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52395	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	76481	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	2761	0.150	ug/L	89
6) Bromomethane	1.542	94	456	0.043	ug/L	80
8) Chloroethane	1.458	64	310803	23.329	ug/L #	56
13) Acetone	2.204	43	7735	6.903	ug/L	70
16) Methylene chloride	2.519	84	6142	0.388	ug/L	93
35) Methylcyclohexane	6.075	83	19956	0.878	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	8359	0.593	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1696	0.120	ug/L #	66
44) trans-1,3-Dichloropropene	7.625	75	943	0.090	ug/L	95
53) m,p-Xylene	9.153	106	1134	0.047	ug/L	75
61) 1,2,3-Trichloropropane	11.249	75	9933	1.796	ug/L #	64
71) Naphthalene	13.512	128	3625	0.214	ug/L #	85

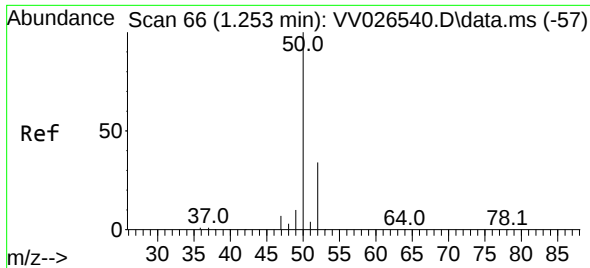
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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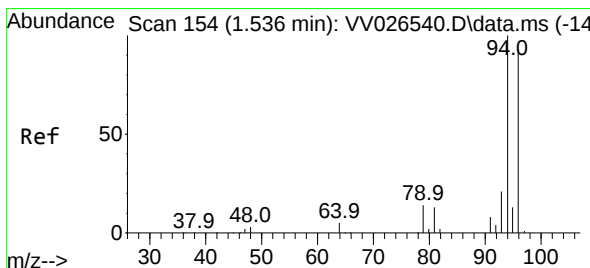
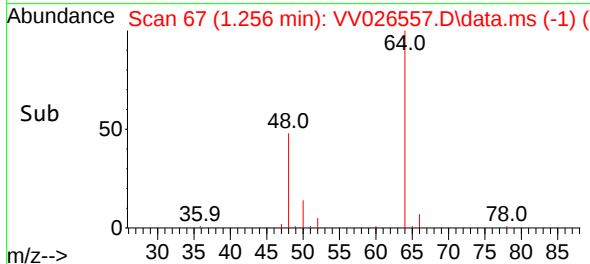
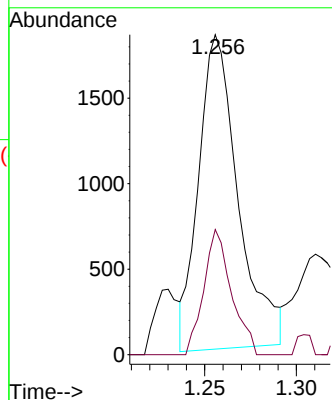
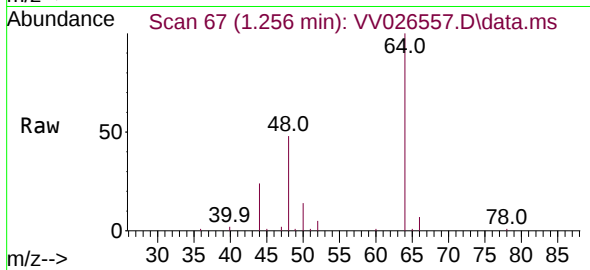




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

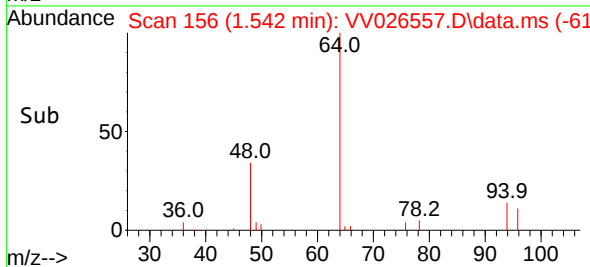
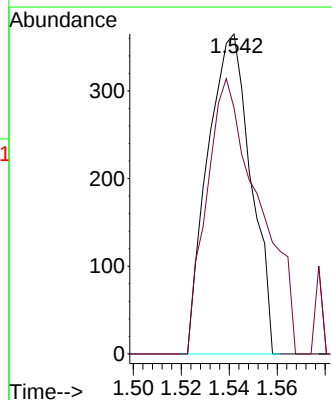
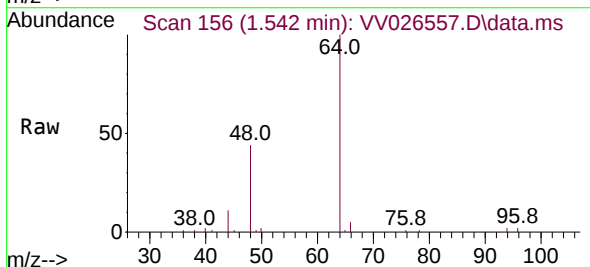
Instrument :
MSVOA_V
ClientSampleId :
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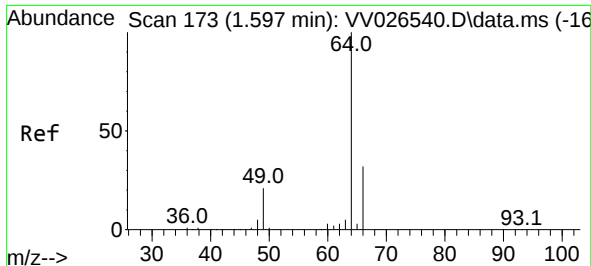
Tgt Ion: 50 Resp: 2761
Ion Ratio Lower Upper
50 100
52 39.1 23.0 42.6



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 77.0 68.0 126.2

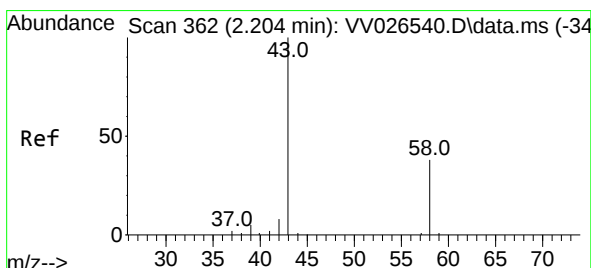
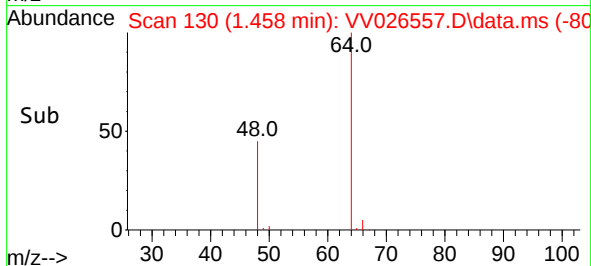
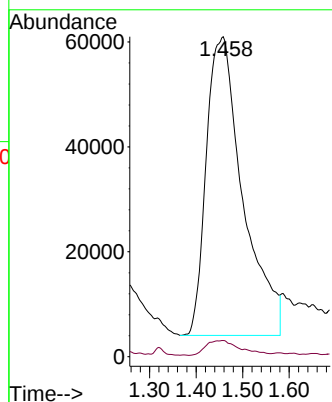
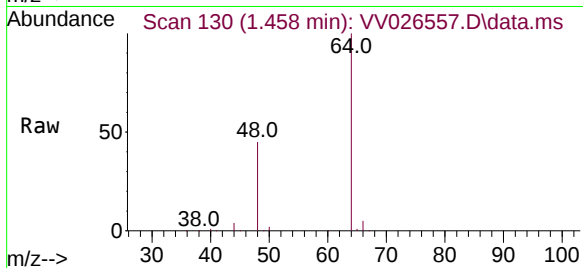




#8
Chloroethane
Concen: 23.329 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.138 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

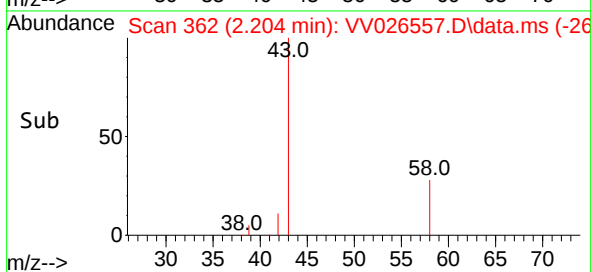
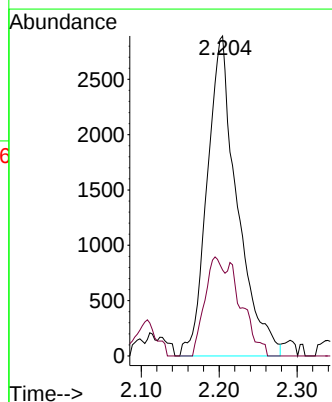
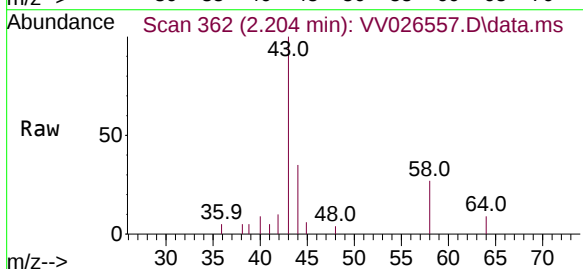
Instrument :
MSVOA_V
ClientSampleId :
C0AG2

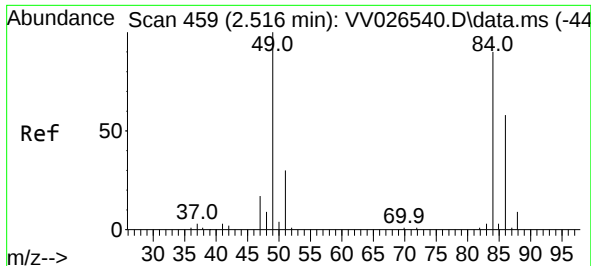
Tgt Ion: 64 Resp: 310803
Ion Ratio Lower Upper
64 100
66 5.0 20.0 37.2#



#13
Acetone
Concen: 6.903 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.000 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Tgt Ion: 43 Resp: 7735
Ion Ratio Lower Upper
43 100
58 19.8 0.0 75.0

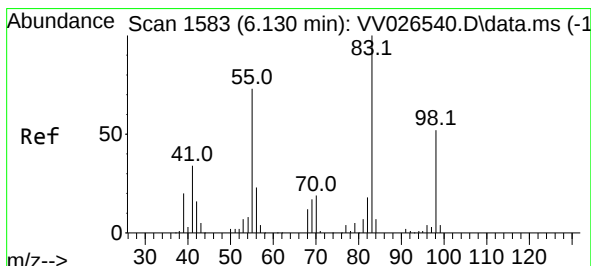
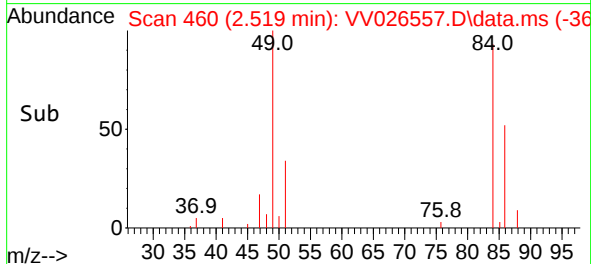
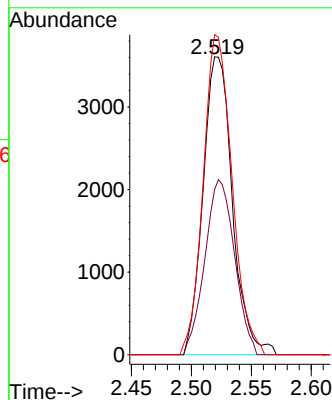
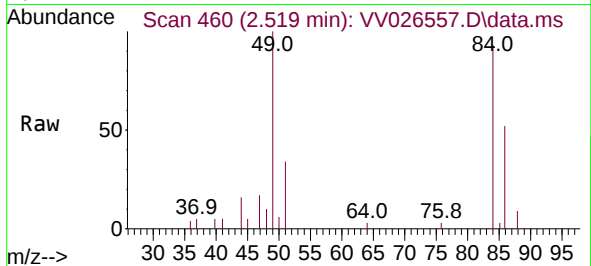




#16
Methylene chloride
Concen: 0.388 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

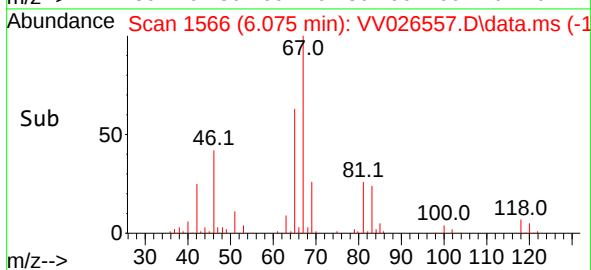
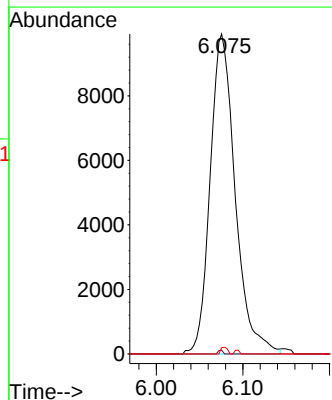
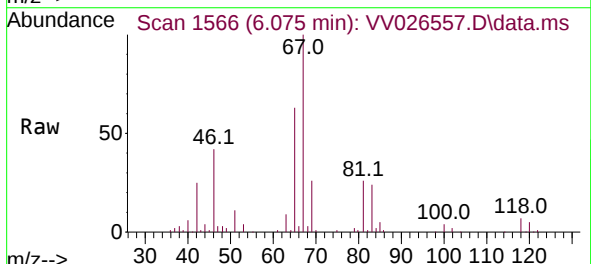
Instrument :
MSVOA_V
ClientSampleId :
C0AG2

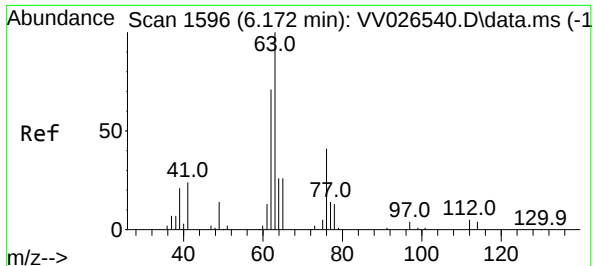
Tgt Ion: 84 Resp: 6142
Ion Ratio Lower Upper
84 100
86 55.5 46.0 85.4
49 107.5 77.7 144.3



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Tgt Ion: 83 Resp: 19956
Ion Ratio Lower Upper
83 100
55 0.2 57.0 85.4#
98 0.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026557.D

Acq: 24 Jun 2022 15:53

Instrument :

MSVOA_V

ClientSampleId :

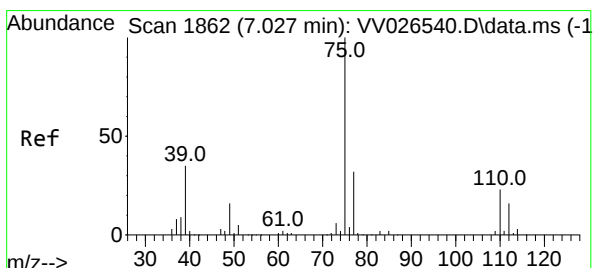
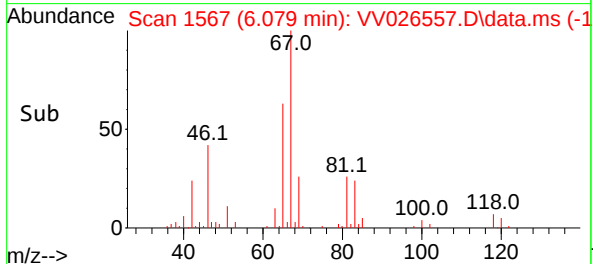
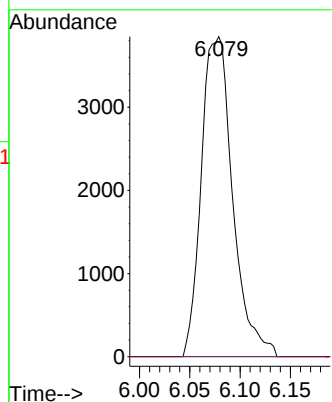
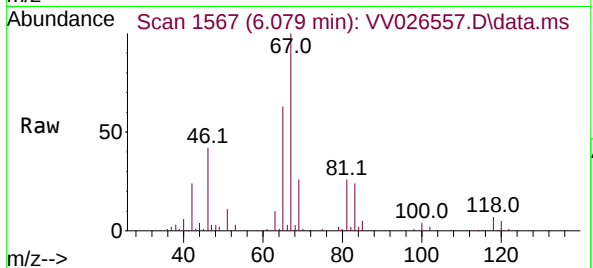
C0AG2

Tgt Ion: 63 Resp: 8359

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026557.D

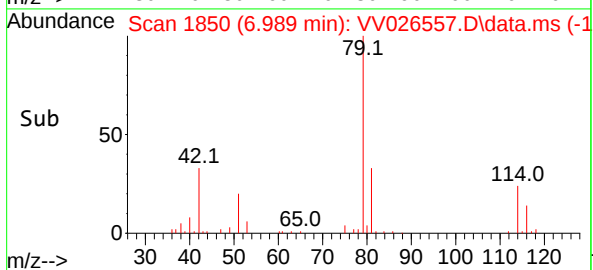
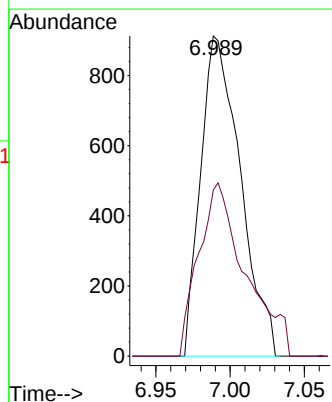
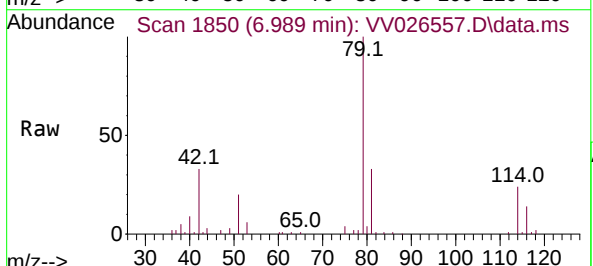
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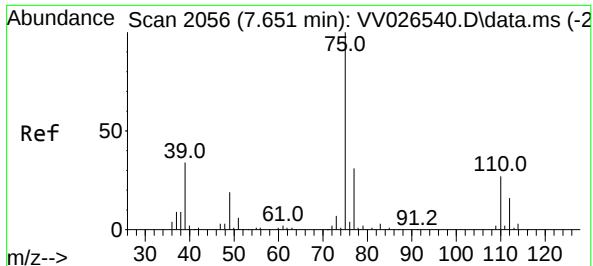
Tgt Ion: 75 Resp: 1696

Ion Ratio Lower Upper

75 100

77 51.9 22.8 42.4#

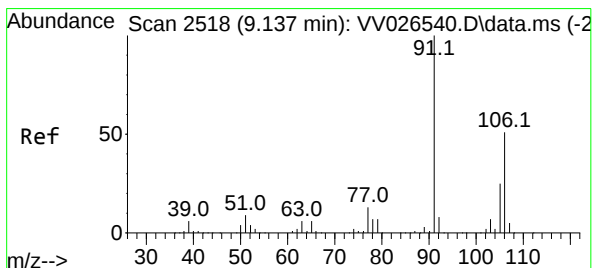
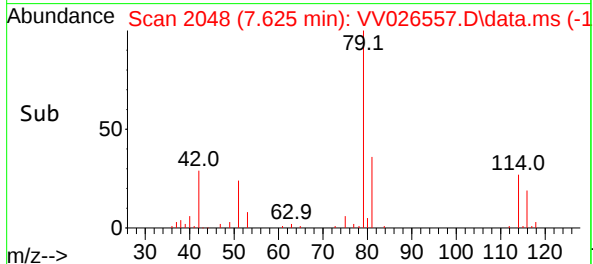
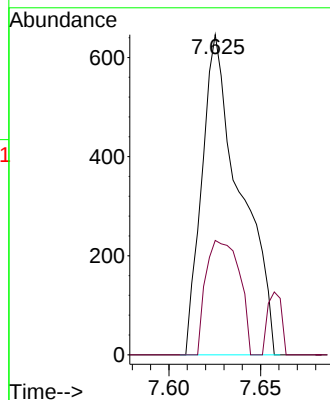
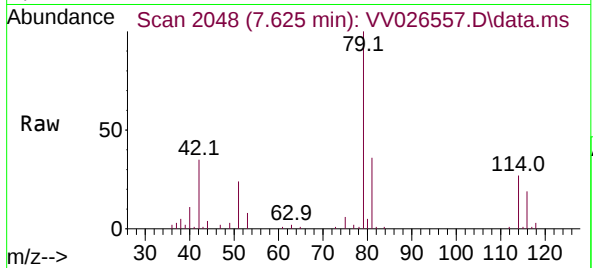




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

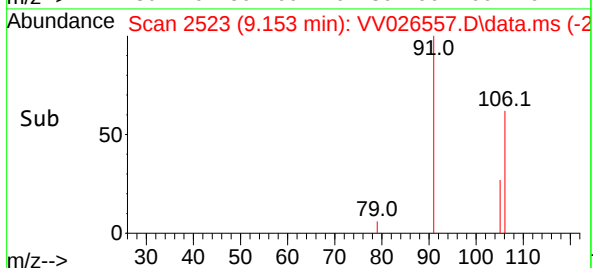
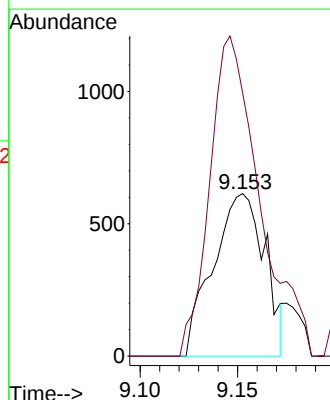
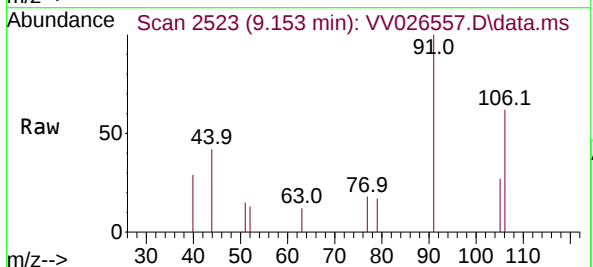
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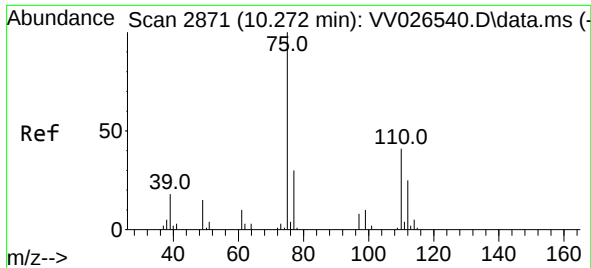
Tgt Ion: 75 Resp: 943
Ion Ratio Lower Upper
75 100
77 35.8 23.1 42.9



#53
m,p-Xylene
Concen: 0.047 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Tgt Ion: 106 Resp: 1134
Ion Ratio Lower Upper
106 100
91 162.1 139.9 259.9

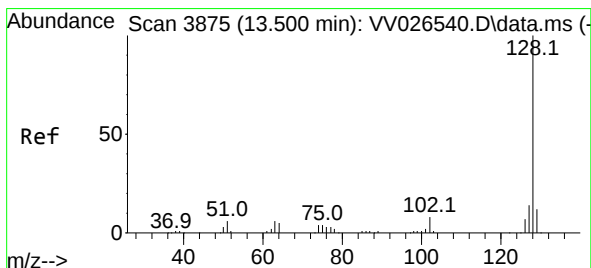
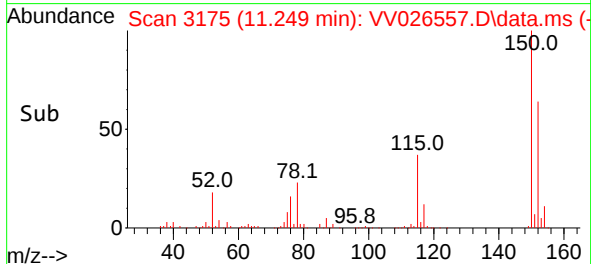
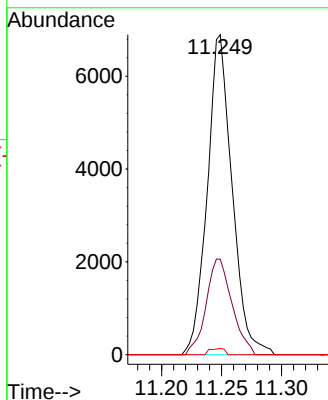
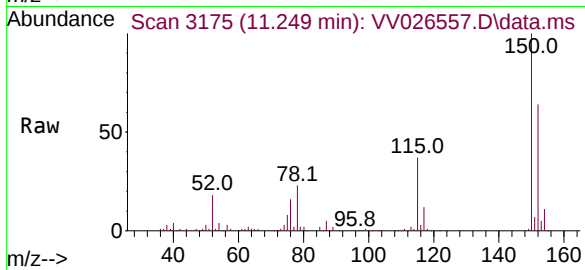




#61
1,2,3-Trichloropropane
Concen: 1.796 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Instrument :
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ClientSampleId :
C0AG2

Tgt Ion: 75 Resp: 9933
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
110 1.2 32.5 48.7#



#71
Naphthalene
Concen: 0.214 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026557.D
Acq: 24 Jun 2022 15:53

Tgt Ion: 128 Resp: 3625
Ion Ratio Lower Upper
128 100
129 5.5 8.6 12.8#
127 6.5 10.2 15.4#

