

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026534.D
 Acq On : 23 Jun 2022 23:06
 Operator : SY/MD
 Sample : N3474-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

Quant Time: Jun 24 02:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	217129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	203677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	76379	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.577	69	64469	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.117	63	104828	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.931	46	77658	44.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	4.362	84	131416	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.043	65	53265	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.056	84	264491	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.075	67	78118	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.316	98	217103	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.628	79	14045	3.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.091	63	73988	46.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49508	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	79786	4.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2060	0.114	ug/L	96
5) Vinyl chloride	1.320	62	862	0.045	ug/L #	1
8) Chloroethane	1.481	64	81738	6.243	ug/L #	55
14) Carbon disulfide	2.307	76	5069	0.131	ug/L	95
22) cis-1,2-Dichloroethene	3.937	96	584	0.039	ug/L	82
33) Benzene	5.111	78	7670	0.129	ug/L	100
35) Methylcyclohexane	6.072	83	19695	0.852	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7977	0.557	ug/L #	85
52) Ethylbenzene	9.014	91	73759	1.162	ug/L	98
53) m,p-Xylene	9.146	106	12137	0.490	ug/L	93
54) o-Xylene	9.548	106	3671	0.158	ug/L	97
60) Isopropylbenzene	9.931	105	191069	3.196	ug/L	99
61) 1,2,3-Trichloropropane	9.934	75	2146	0.342	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.336	105	9323	0.197	ug/L	93
63) 1,2,4-Trimethylbenzene	11.336	105	9323	0.200	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.406	75	274	0.243	ug/L #	1
71) Naphthalene	13.503	128	27266	1.416	ug/L #	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA5

Quant Time: Jun 24 02:07:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration

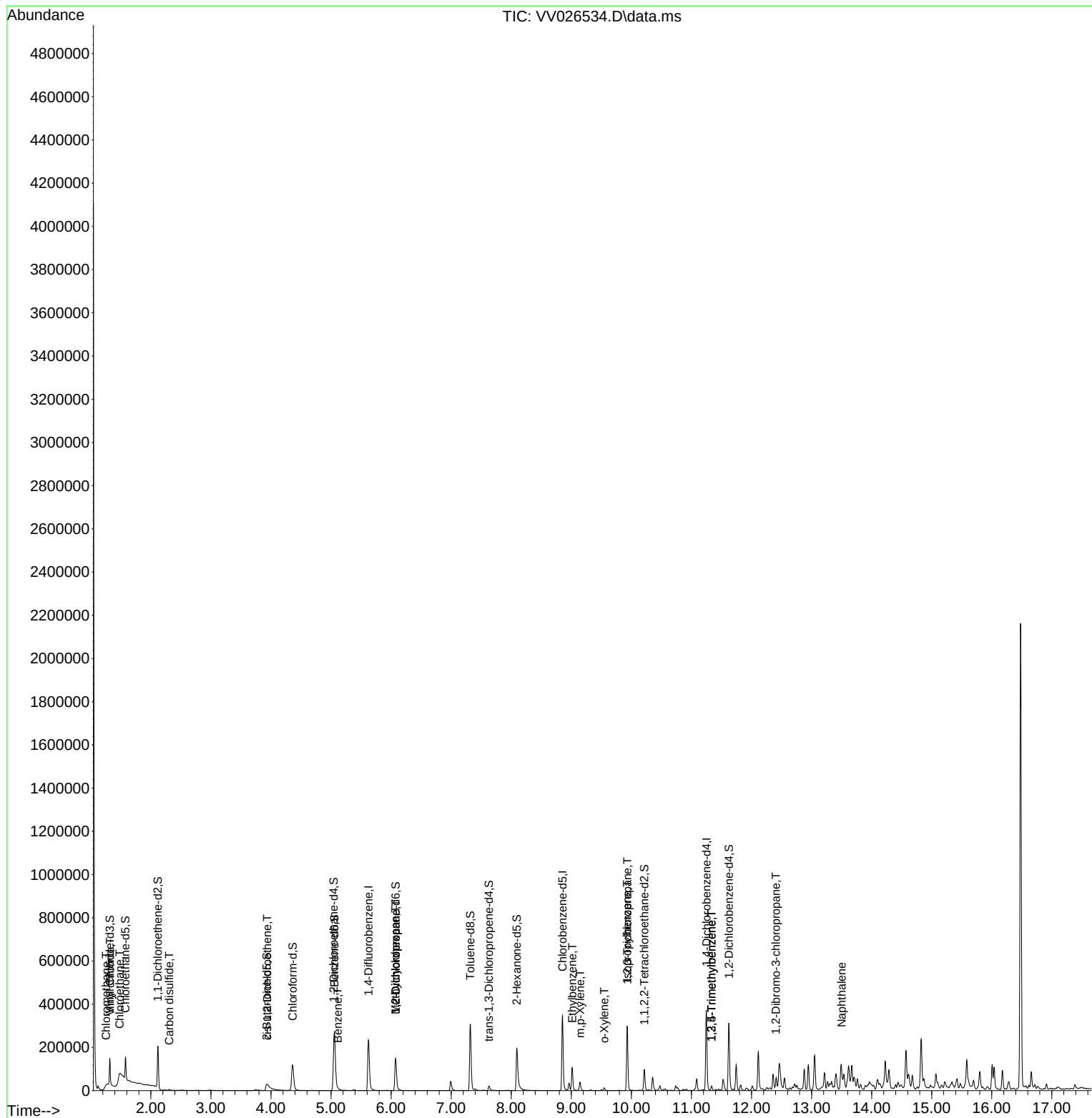
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

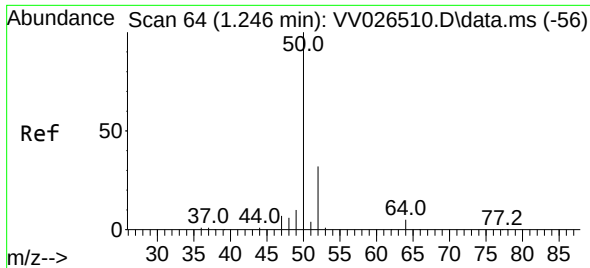
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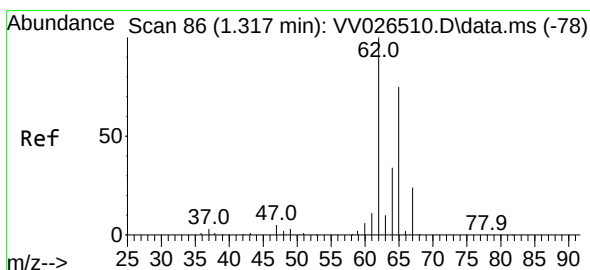
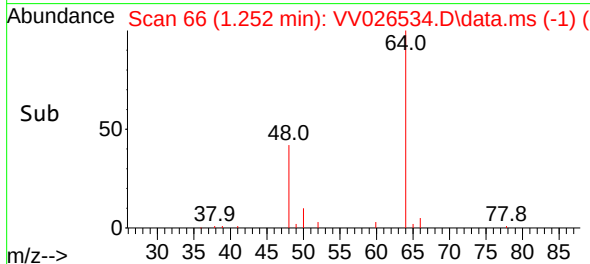
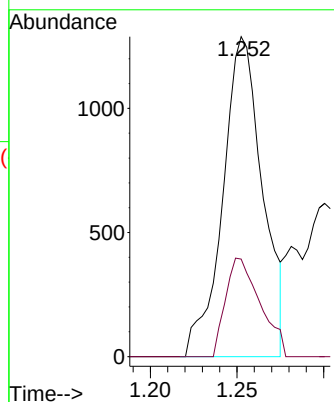
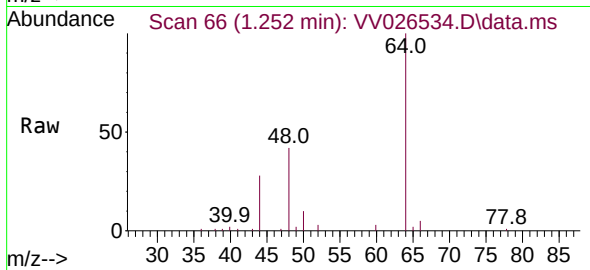




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.252 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

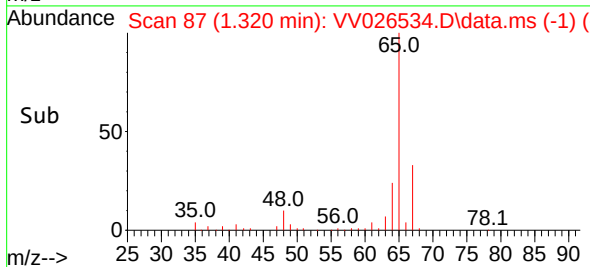
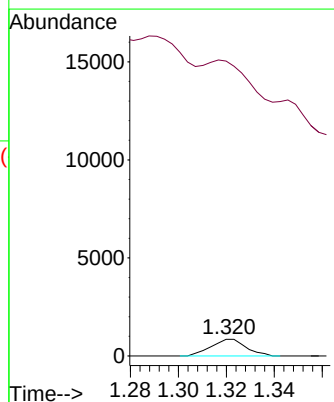
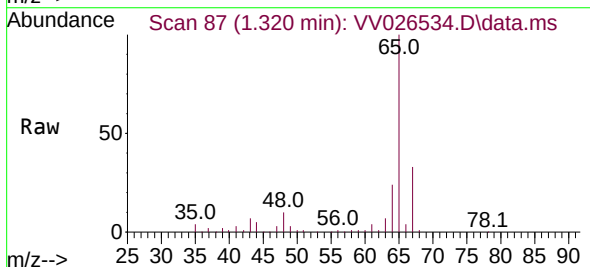
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

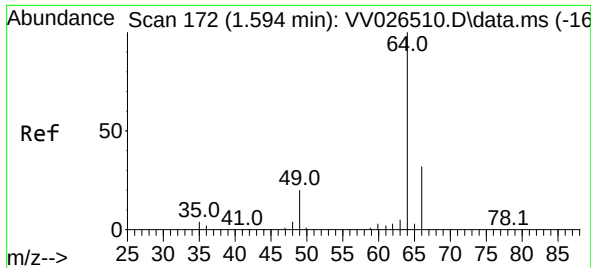
Tgt Ion: 50 Resp: 2060
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.6



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.320 min Scan# 87
Delta R.T. 0.003 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Tgt Ion: 62 Resp: 862
Ion Ratio Lower Upper
62 100
64 1767.1 26.2 48.6#

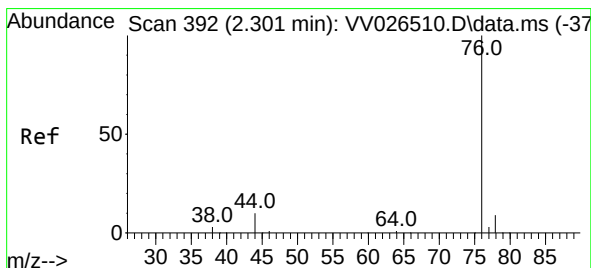
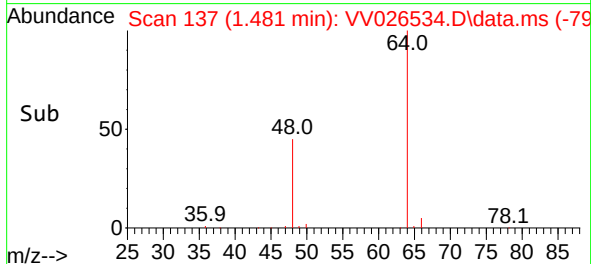
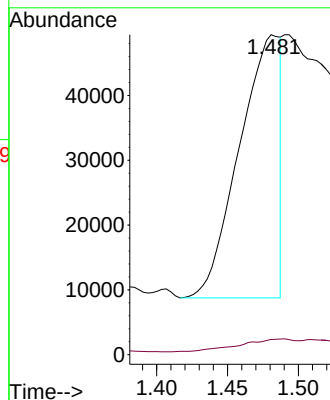
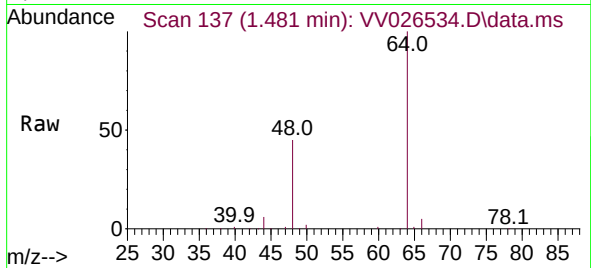




#8
Chloroethane
Concen: 6.243 ug/L
RT: 1.481 min Scan# 11
Delta R.T. -0.113 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

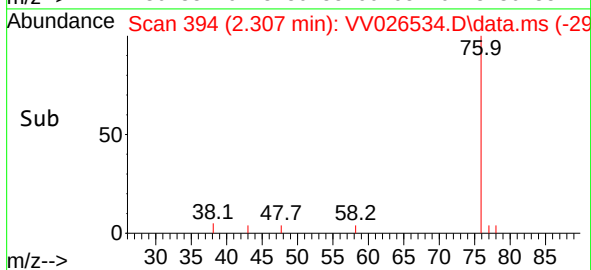
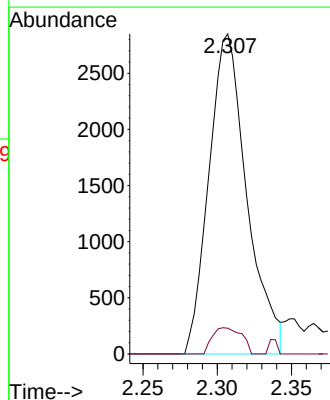
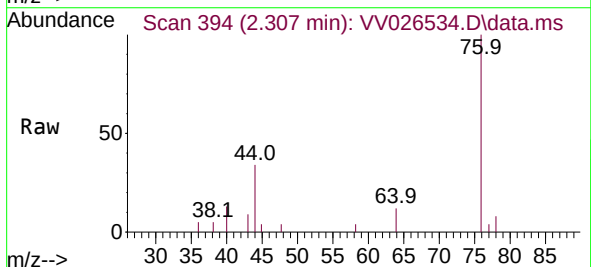
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ClientSampleId :
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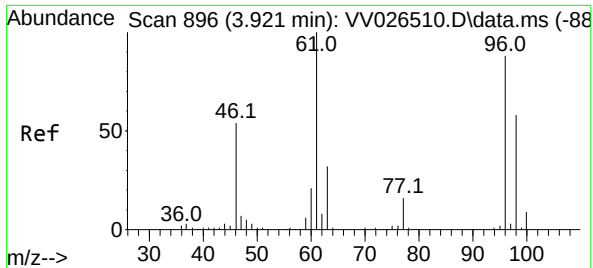
Tgt Ion: 64 Resp: 81738
Ion Ratio Lower Upper
64 100
66 4.7 20.0 37.2#



#14
Carbon disulfide
Concen: 0.131 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Tgt Ion: 76 Resp: 5069
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.6

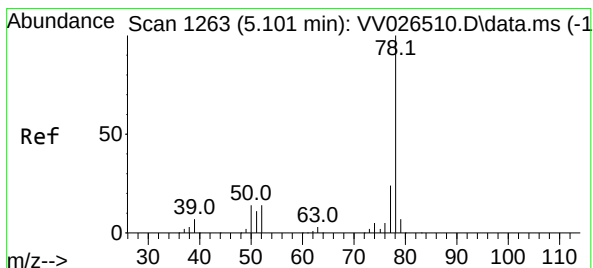
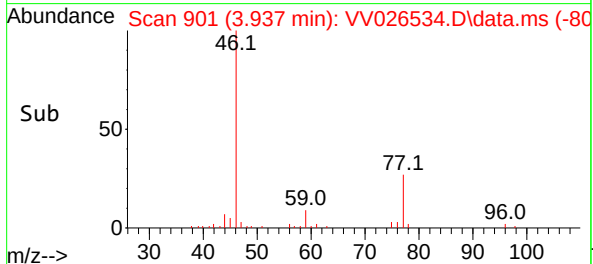
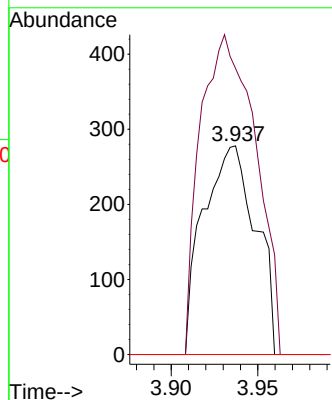
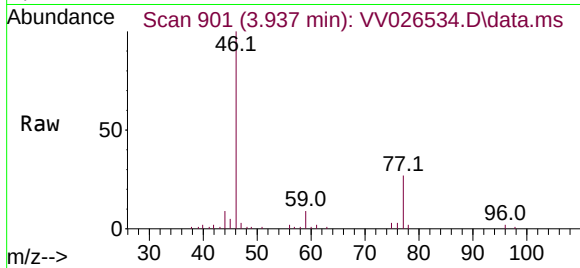




#22
 cis-1,2-Dichloroethene
 Concen: 0.039 ug/L
 RT: 3.937 min Scan# 901
 Delta R.T. 0.016 min
 Lab File: VV026534.D
 Acq: 23 Jun 2022 23:06

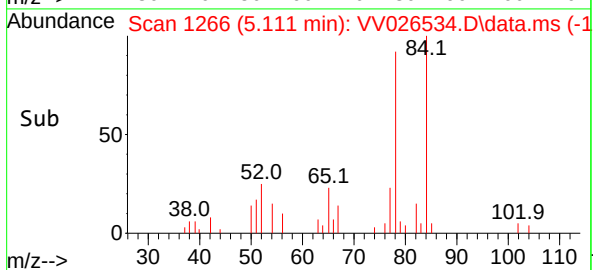
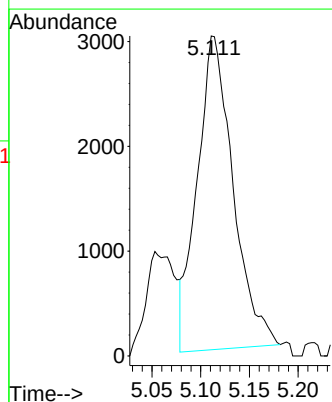
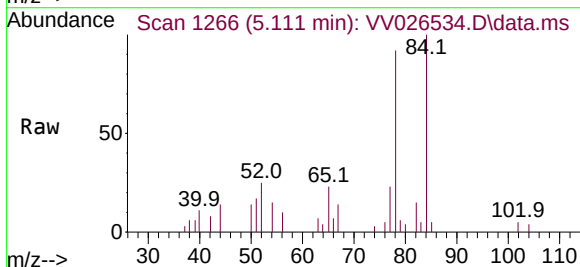
Instrument :
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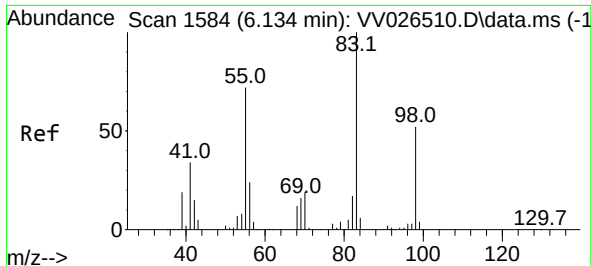
Tgt Ion: 96 Resp: 584
 Ion Ratio Lower Upper
 96 100
 61 137.1 82.0 152.2
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.129 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.009 min
 Lab File: VV026534.D
 Acq: 23 Jun 2022 23:06

Tgt Ion: 78 Resp: 7670

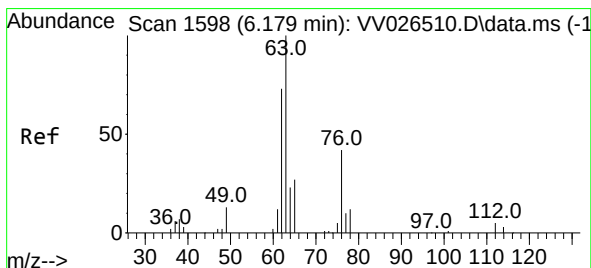
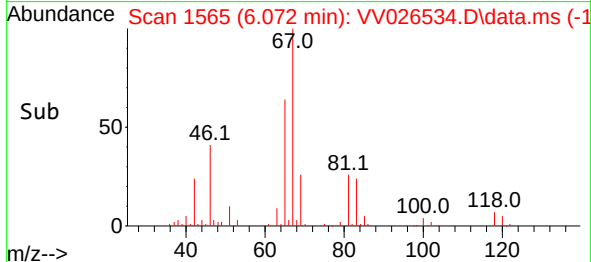
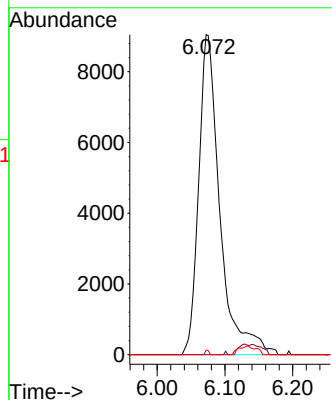
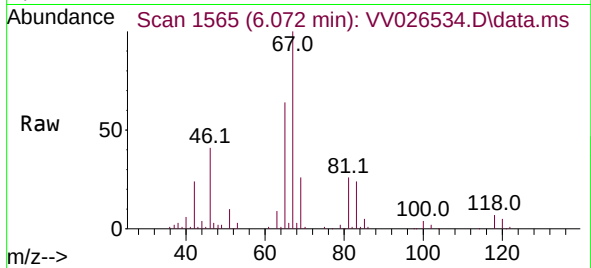




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

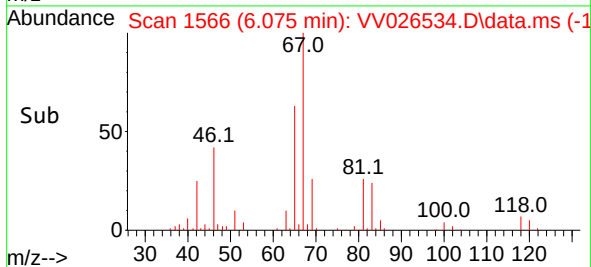
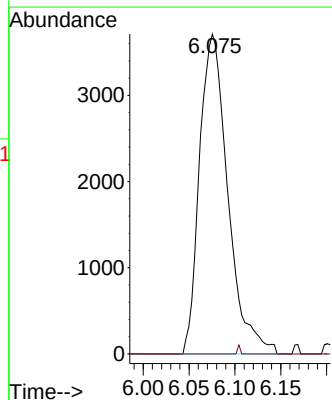
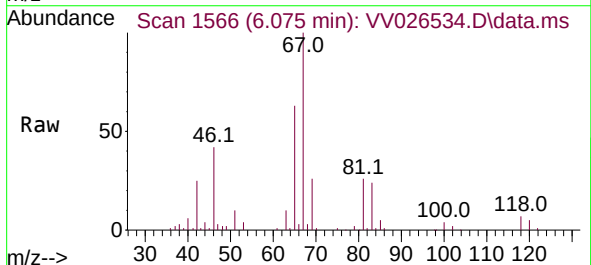
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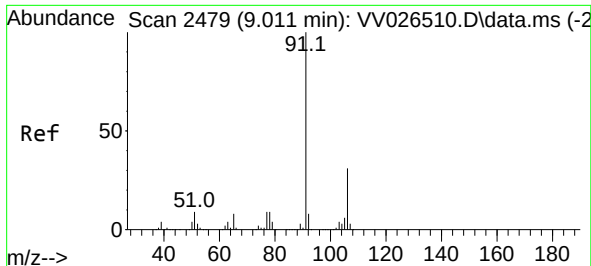
Tgt Ion: 83 Resp: 19695
Ion Ratio Lower Upper
83 100
55 0.1 57.0 85.4#
98 0.2 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Tgt Ion: 63 Resp: 7977
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#

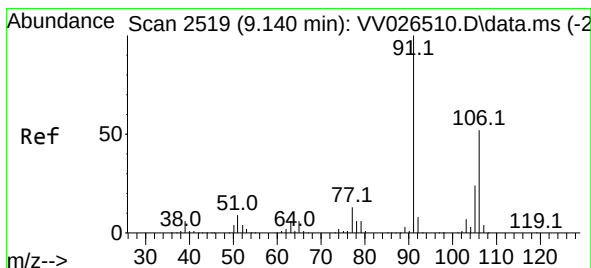
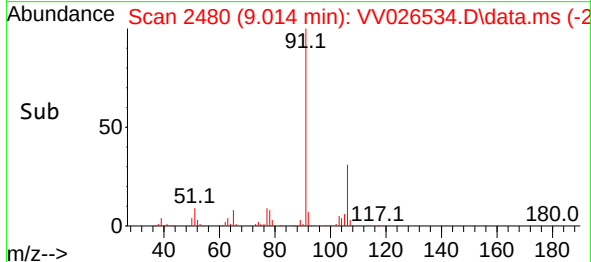
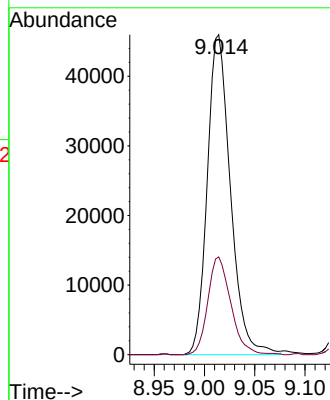
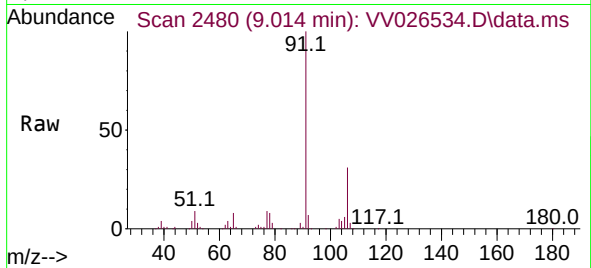




#52
Ethylbenzene
Concen: 1.162 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

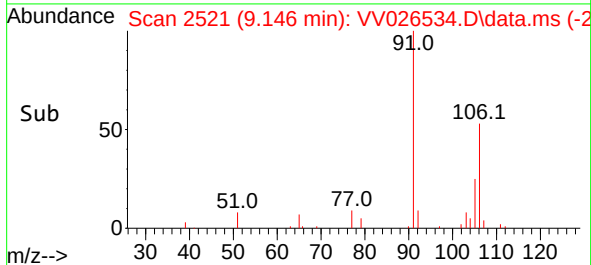
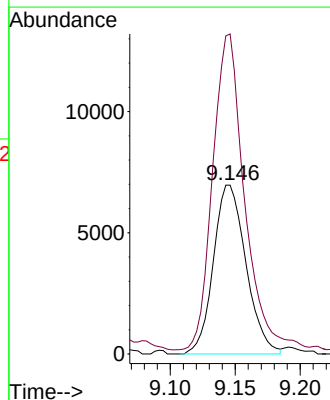
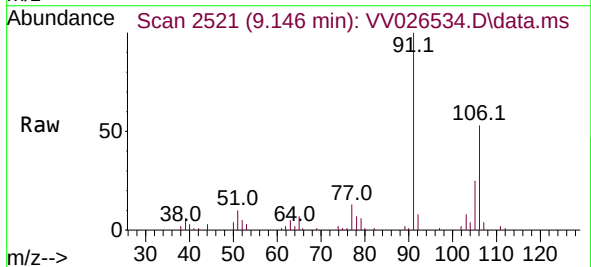
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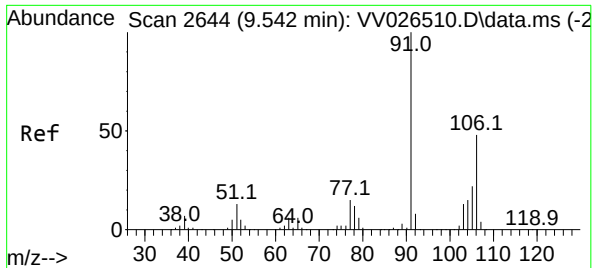
Tgt Ion: 91 Resp: 73759
Ion Ratio Lower Upper
91 100
106 30.6 22.1 41.1



#53
m,p-Xylene
Concen: 0.490 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Tgt Ion: 106 Resp: 12137
Ion Ratio Lower Upper
106 100
91 189.6 139.9 259.9

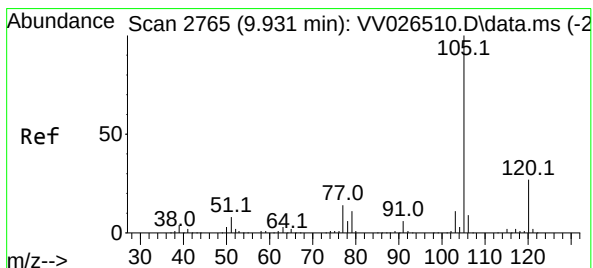
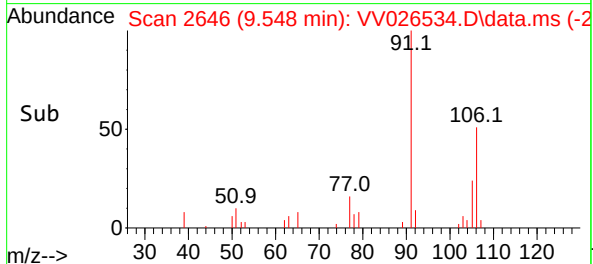
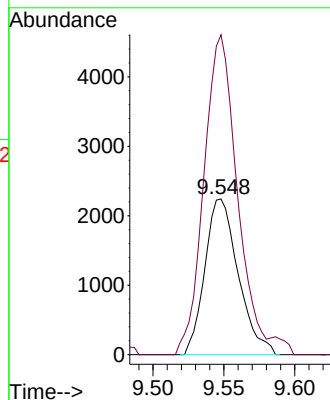
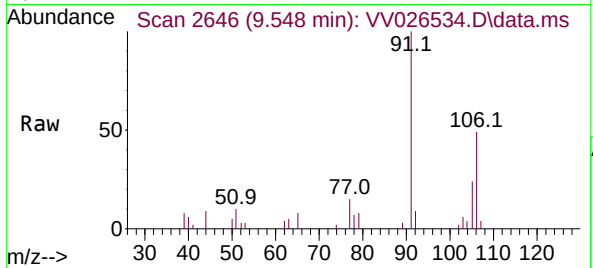




#54
o-Xylene
Concen: 0.158 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

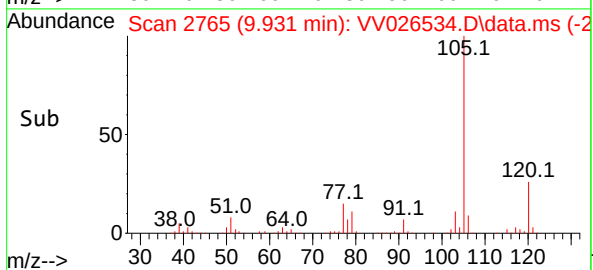
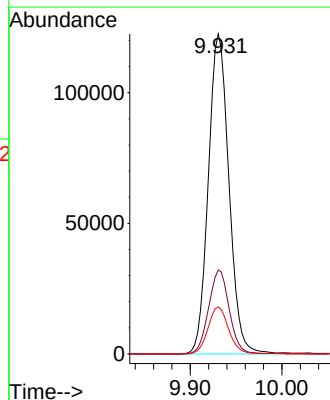
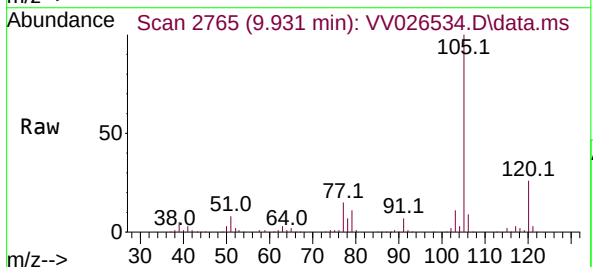
Instrument :
MSVOA_V
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C0AA5

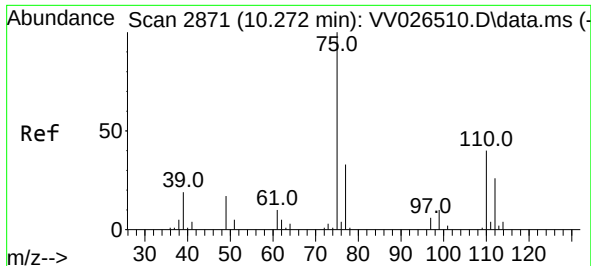
Tgt Ion:106 Resp: 3671
Ion Ratio Lower Upper
106 100
91 205.6 147.5 273.9



#60
Isopropylbenzene
Concen: 3.196 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Tgt Ion:105 Resp: 191069
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 14.8 11.6 17.4

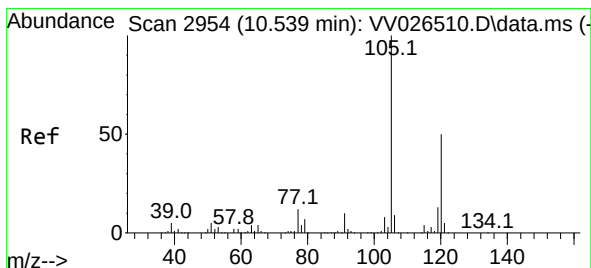
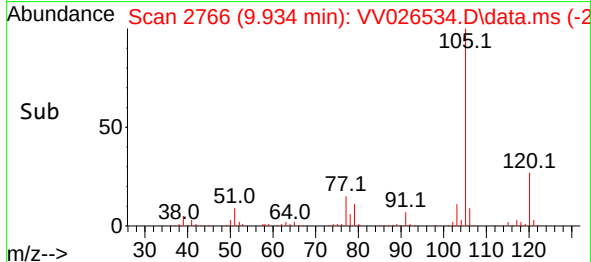
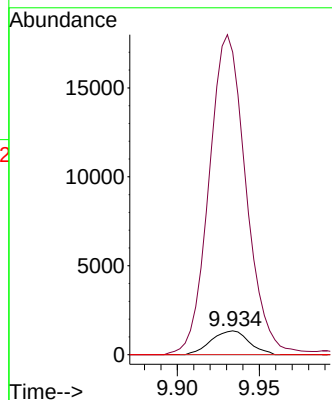
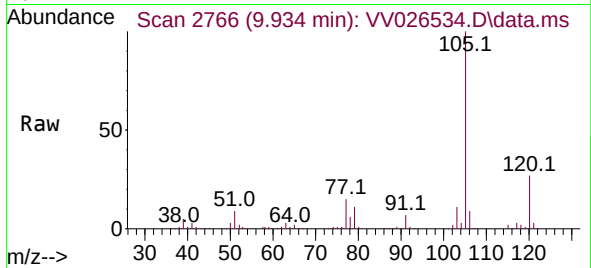




#61
 1,2,3-Trichloropropane
 Concen: 0.342 ug/L
 RT: 9.934 min Scan# 21
 Delta R.T. -0.338 min
 Lab File: VV026534.D
 Acq: 23 Jun 2022 23:06

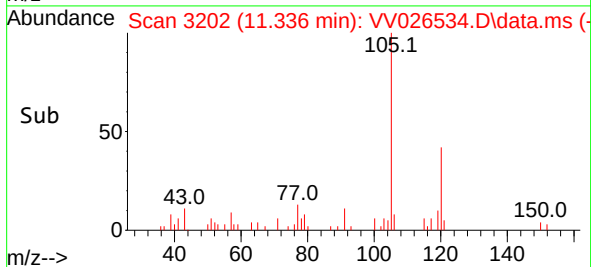
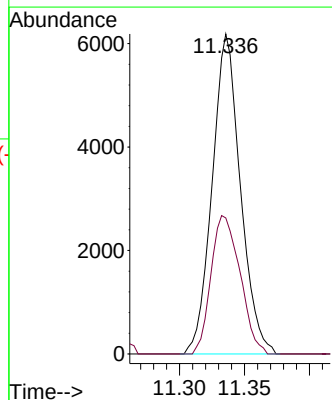
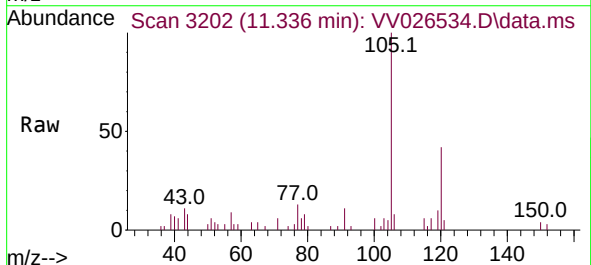
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

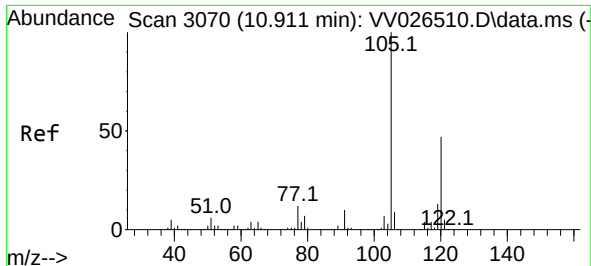
Tgt Ion: 75 Resp: 2146
 Ion Ratio Lower Upper
 75 100
 77 1317.5 25.8 38.6#
 110 0.0 32.5 48.7#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.197 ug/L
 RT: 11.336 min Scan# 3202
 Delta R.T. 0.797 min
 Lab File: VV026534.D
 Acq: 23 Jun 2022 23:06

Tgt Ion: 105 Resp: 9323
 Ion Ratio Lower Upper
 105 100
 120 44.5 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.200 ug/L

RT: 11.336 min Scan# 31

Delta R.T. 0.424 min

Lab File: VV026534.D

Acq: 23 Jun 2022 23:06

Instrument :

MSVOA_V

ClientSampleId :

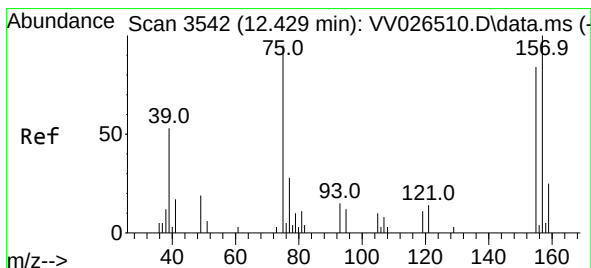
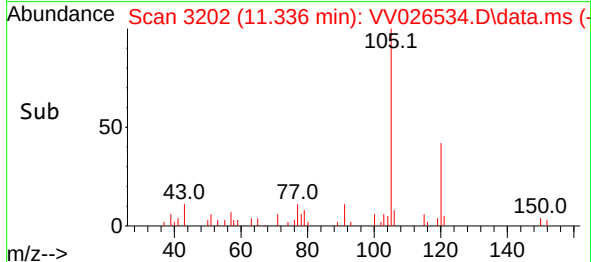
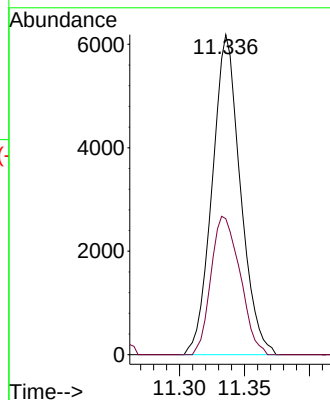
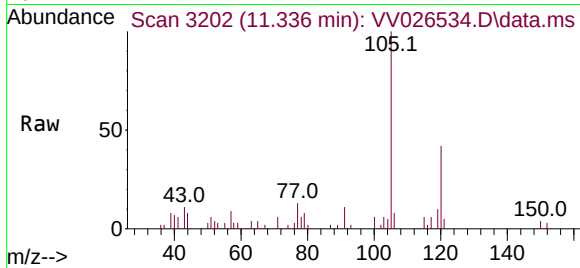
C0AA5

Tgt Ion:105 Resp: 9323

Ion Ratio Lower Upper

105 100

120 44.5 37.4 56.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.243 ug/L

RT: 12.406 min Scan# 3535

Delta R.T. -0.023 min

Lab File: VV026534.D

Acq: 23 Jun 2022 23:06

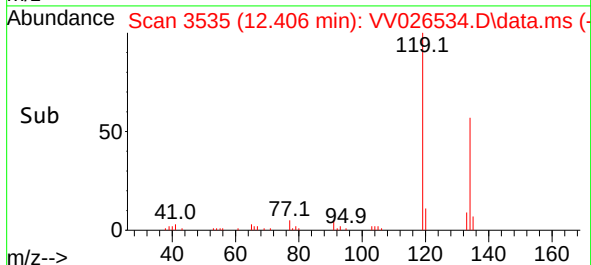
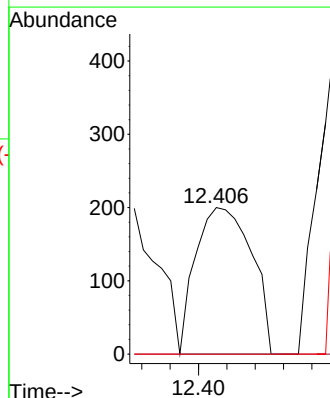
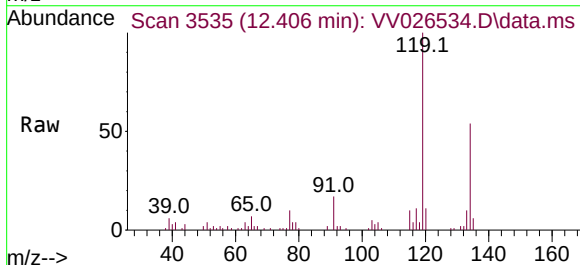
Tgt Ion: 75 Resp: 274

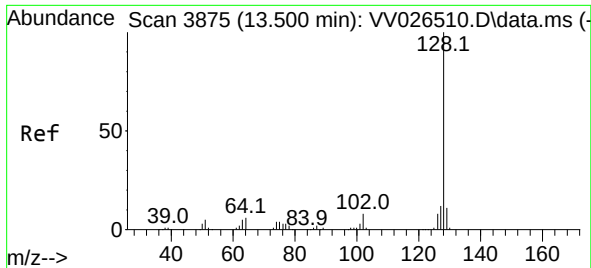
Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

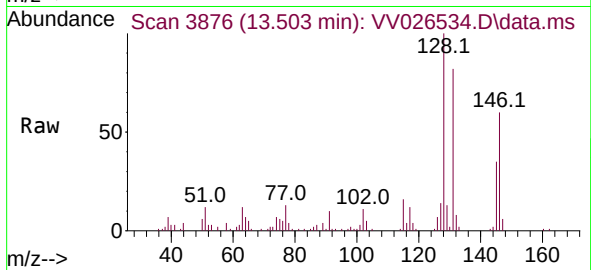
157 0.0 96.9 145.3#





#71
Naphthalene
Concen: 1.416 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026534.D
Acq: 23 Jun 2022 23:06

Instrument :
MSVOA_V
ClientSampleId :
C0AA5



Tgt Ion:128 Resp: 27266
Ion Ratio Lower Upper
128 100
129 16.7 8.6 12.8#
127 14.9 10.2 15.4

