

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027754.D
 Acq On : 06 Sep 2022 20:29
 Operator : SY/MD
 Sample : N4404-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD9

Quant Time: Sep 07 06:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144157	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	141182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50440	5.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.567	69	44030	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.104	63	80279	3.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.899	46	47506	22.559	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	45.120%
24) Chloroform-d	4.346	84	96780	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.030	65	48581	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.046	84	184108	4.495	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	52577	4.384	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	144463	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	17274	4.294	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	65561	43.841	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.680%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	36327	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55402	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	1178	0.091	ug/L	98
5) Vinyl chloride	1.310	62	17077	1.316	ug/L	95
6) Bromomethane	1.522	94	437	0.063	ug/L	80
8) Chloroethane	1.580	64	677	0.091	ug/L	85
12) 1,1-Dichloroethene	2.114	96	961	0.101	ug/L #	1
14) Carbon disulfide	2.294	76	2939	0.104	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	751	0.074	ug/L #	50
22) cis-1,2-Dichloroethene	3.908	96	22394	2.037	ug/L #	91
27) 1,2-Dichloroethane	5.050	62	1211	0.095	ug/L #	75
35) Methylcyclohexane	6.069	83	13492	0.753	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6350	0.574	ug/L #	86
44) trans-1,3-Dichloropropene	7.622	75	868	0.074	ug/L	85
47) Tetrachloroethene	7.976	164	795	0.085	ug/L	89
49) Dibromochloromethane	7.976	129	674	0.074	ug/L #	10
53) m,p-Xylene	9.146	106	2936	0.159	ug/L	99
60) Isopropylbenzene	9.149	105	1359	0.034	ug/L #	16
61) 1,2,3-Trichloropropane	10.538	75	1239	0.241	ug/L #	46
62) 1,3,5-Trimethylbenzene	10.914	105	775	0.068	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.580	75	13565	12.313	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 07 06:13:02 2022
Response via : Initial Calibration

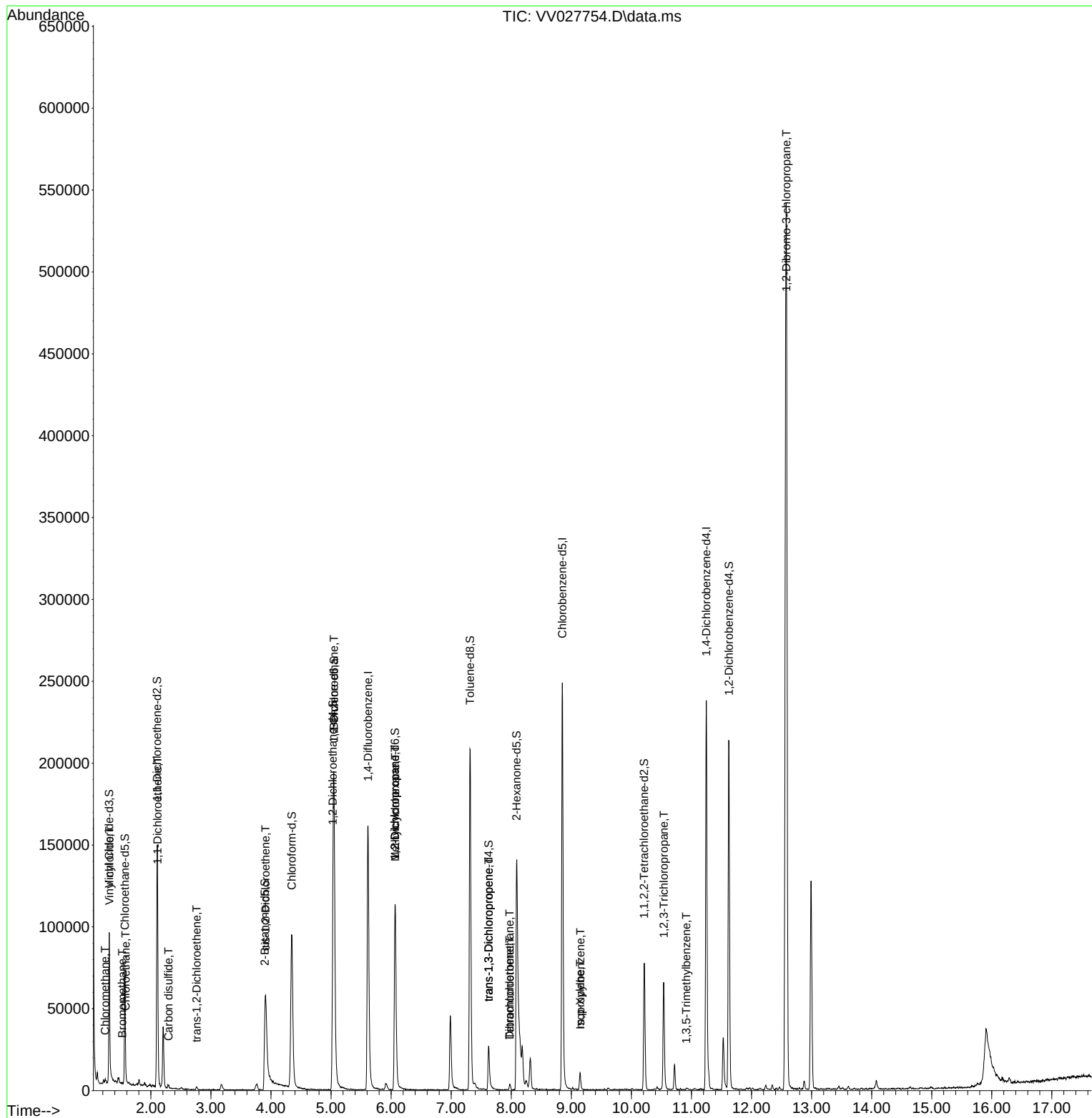
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

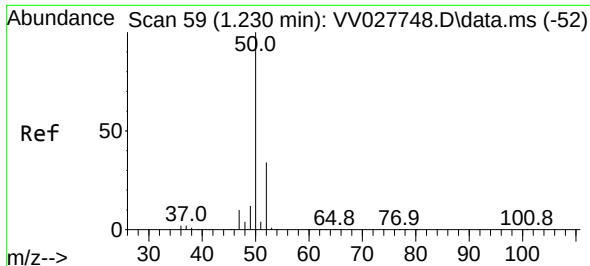
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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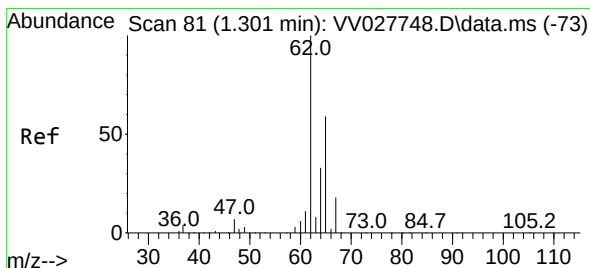
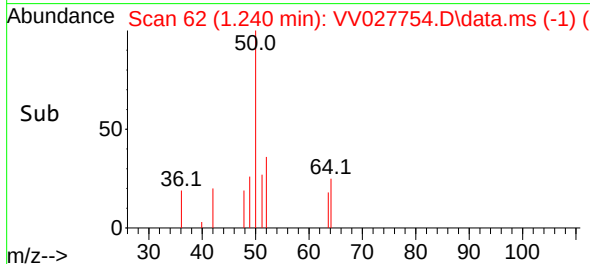
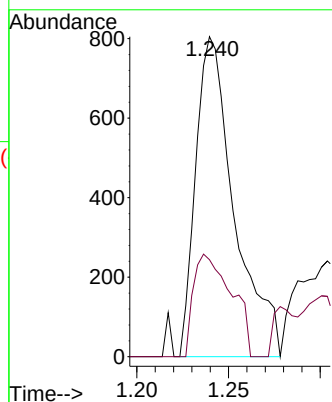
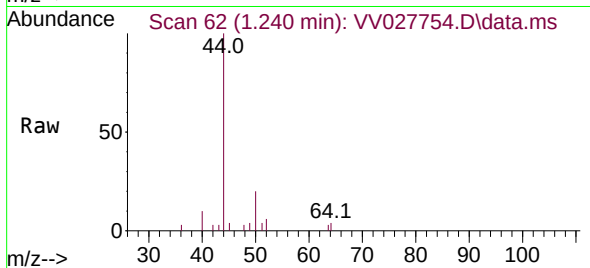




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

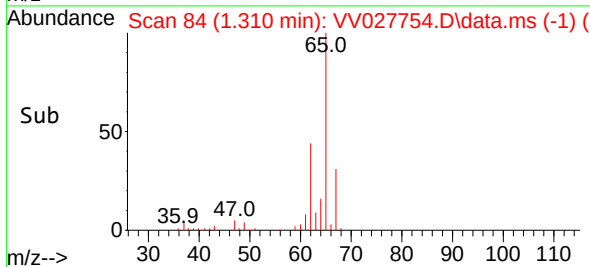
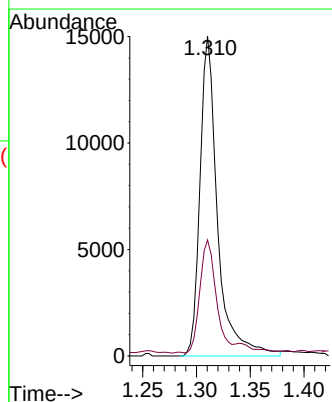
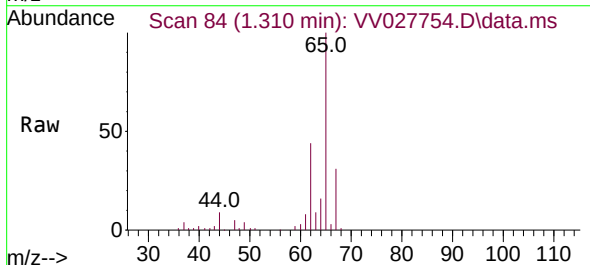
Instrument :
MSVOA_V
ClientSampleId :
DBVD9

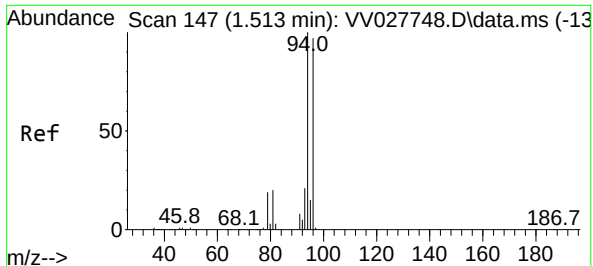
Tgt Ion: 50 Resp: 1178
Ion Ratio Lower Upper
50 100
52 30.3 22.1 41.1



#5
Vinyl chloride
Concen: 1.316 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

Tgt Ion: 62 Resp: 17077
Ion Ratio Lower Upper
62 100
64 36.2 23.2 43.2

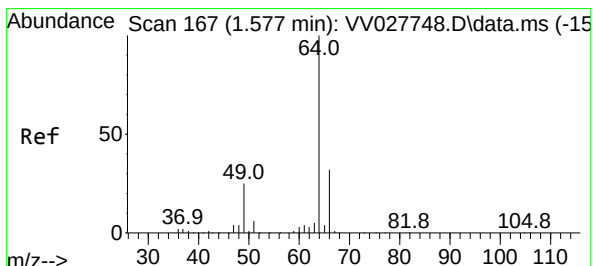
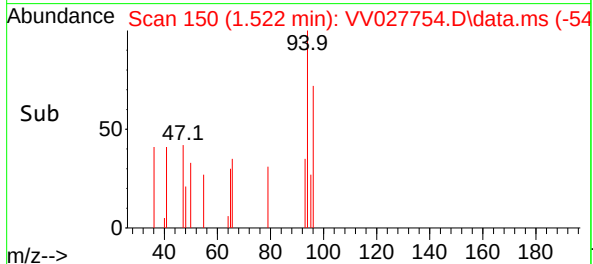
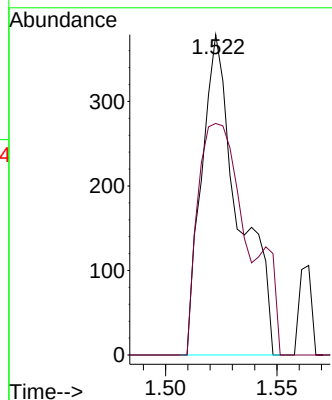
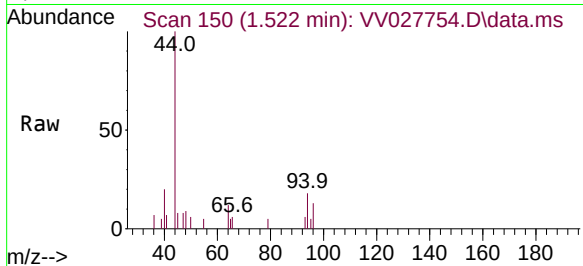




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.522 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

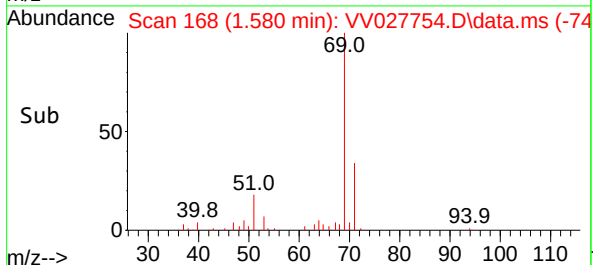
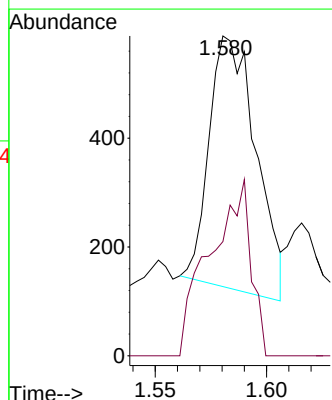
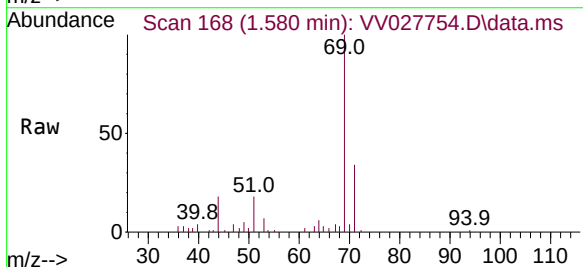
Instrument :
MSVOA_V
ClientSampleId :
DBVD9

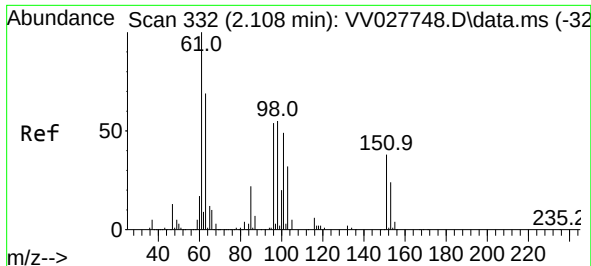
Tgt Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 72.3 64.2 119.2



#8
Chloroethane
Concen: 0.091 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

Tgt Ion: 64 Resp: 677
Ion Ratio Lower Upper
64 100
66 23.3 22.1 41.1





#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV027754.D

Acq: 06 Sep 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

DBVD9

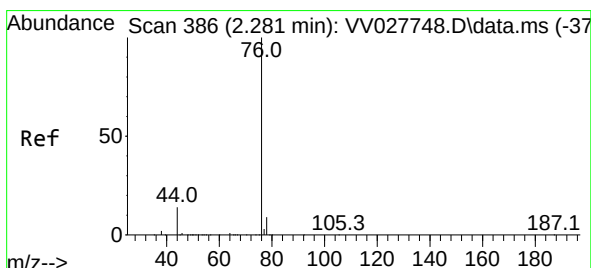
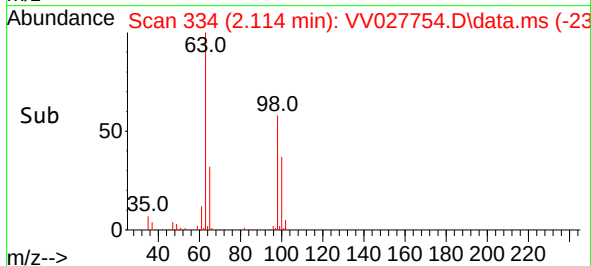
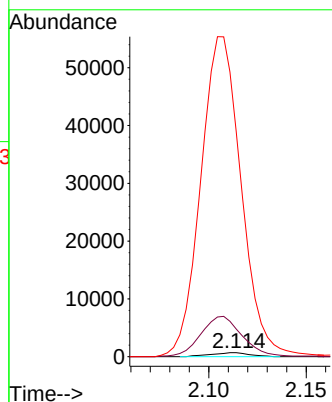
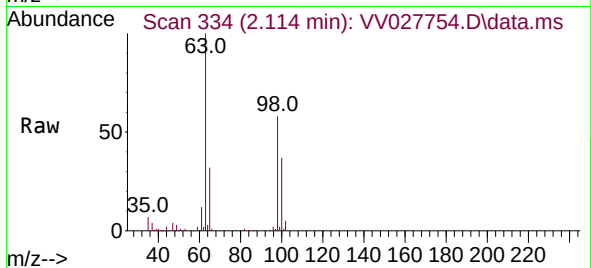
Tgt Ion: 96 Resp: 961

Ion Ratio Lower Upper

96 100

61 689.8 129.9 241.3#

63 5601.1 94.6 175.8#



#14

Carbon disulfide

Concen: 0.104 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.013 min

Lab File: VV027754.D

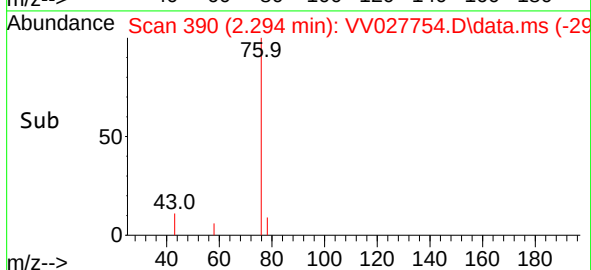
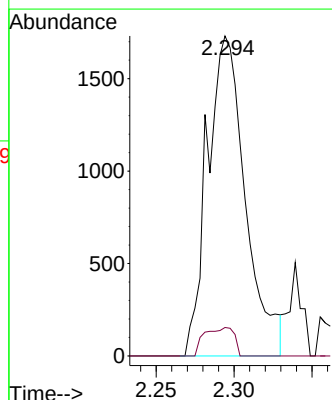
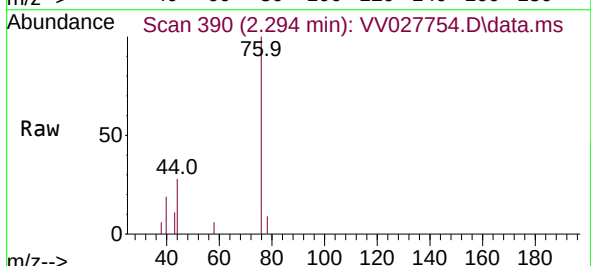
Acq: 06 Sep 2022 20:29

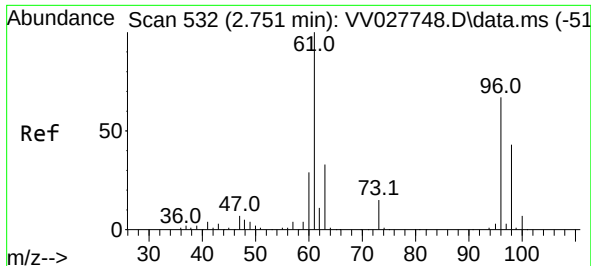
Tgt Ion: 76 Resp: 2939

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

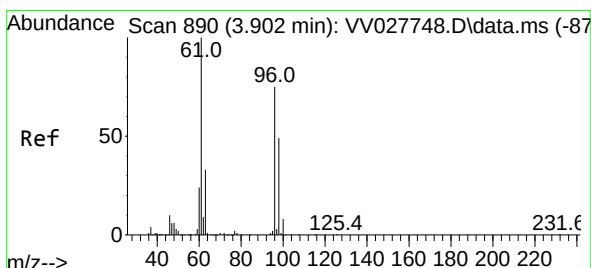
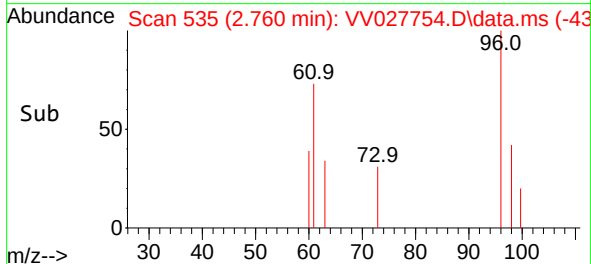
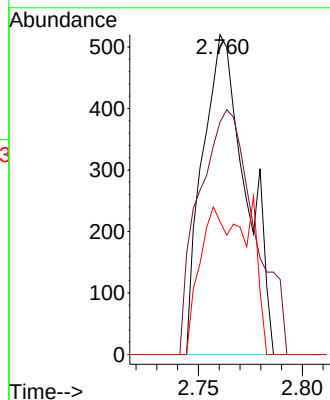
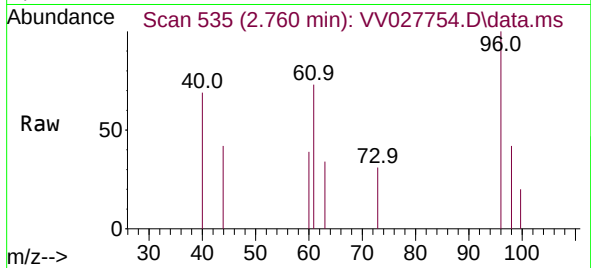




#18
trans-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

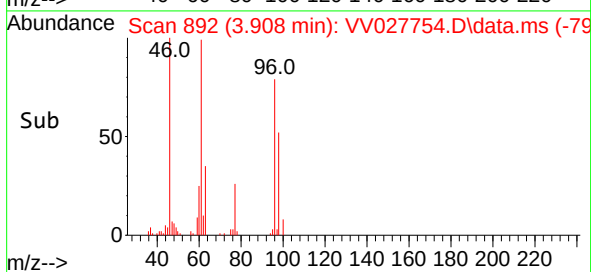
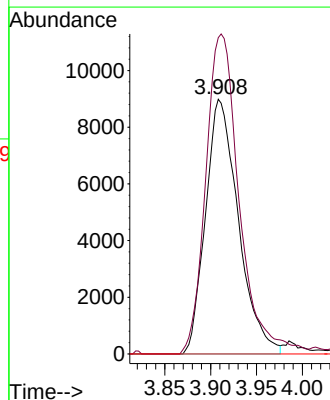
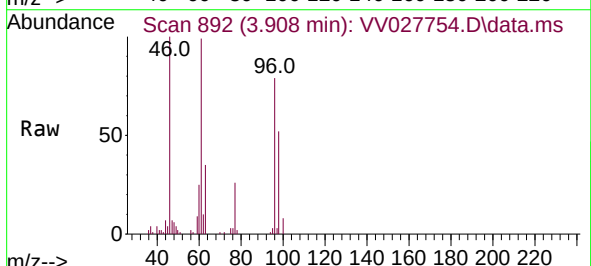
Instrument :
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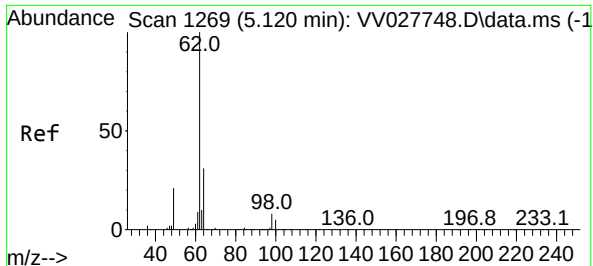
Tgt Ion: 96 Resp: 751
Ion Ratio Lower Upper
96 100
61 72.7 102.6 190.5#
98 41.5 44.0 81.8#



#22
cis-1,2-Dichloroethene
Concen: 2.037 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

Tgt Ion: 96 Resp: 22394
Ion Ratio Lower Upper
96 100
61 124.1 94.6 175.6
68 0.0 0.3 0.5#





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV027754.D

Acq: 06 Sep 2022 20:29

Instrument :

MSVOA_V

ClientSampleId :

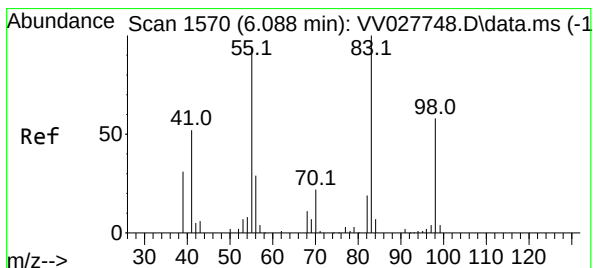
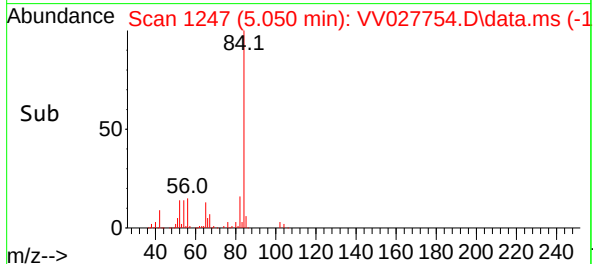
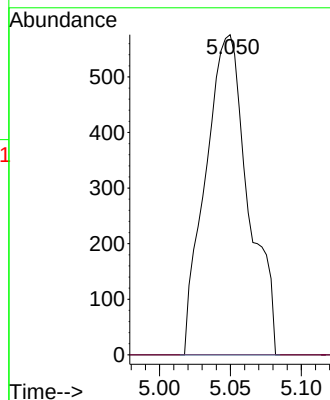
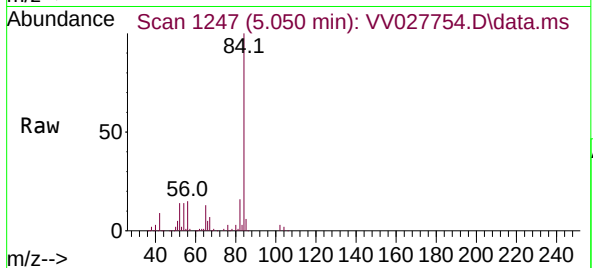
DBVD9

Tgt Ion: 62 Resp: 1211

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027754.D

Acq: 06 Sep 2022 20:29

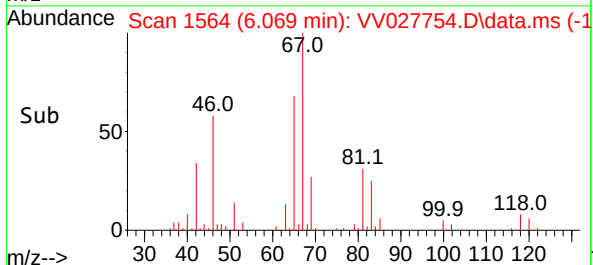
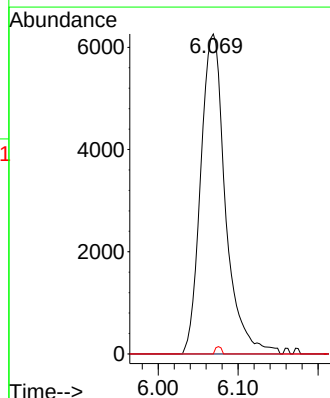
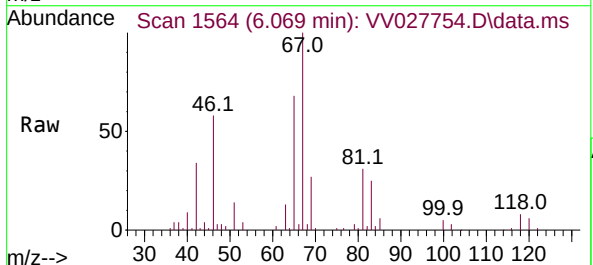
Tgt Ion: 83 Resp: 13492

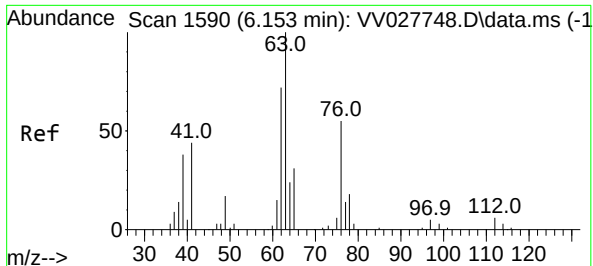
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV027754.D

Acq: 06 Sep 2022 20:29

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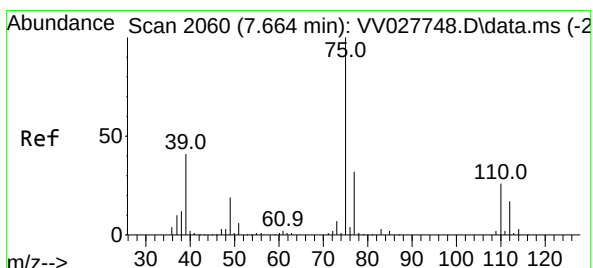
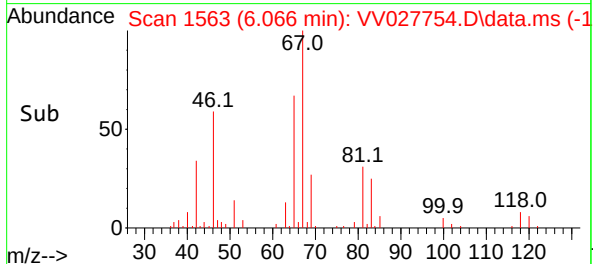
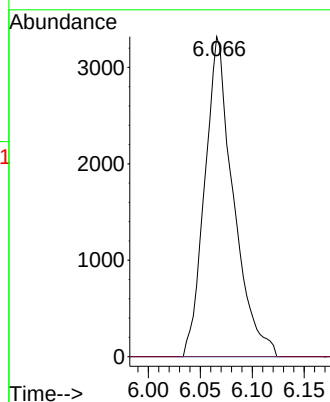
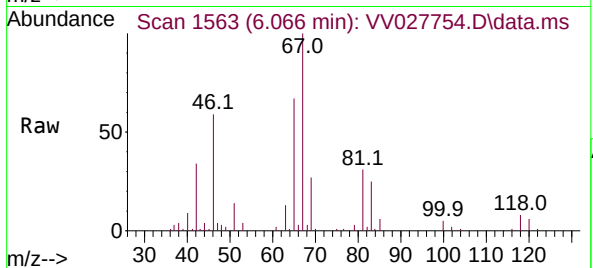
DBVD9

Tgt Ion: 63 Resp: 6350

Ion Ratio Lower Upper

63 100

112 0.3 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.042 min

Lab File: VV027754.D

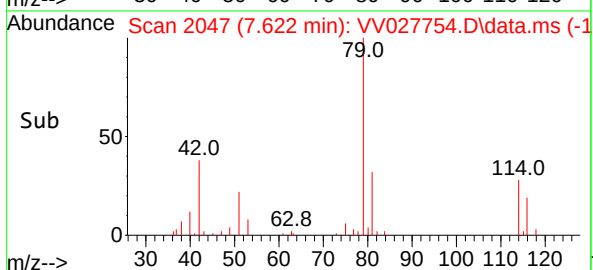
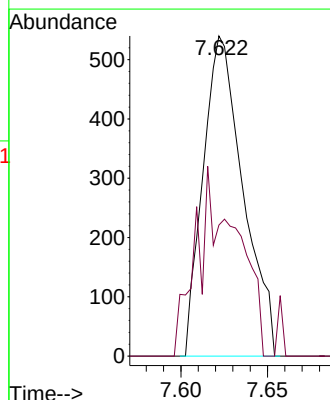
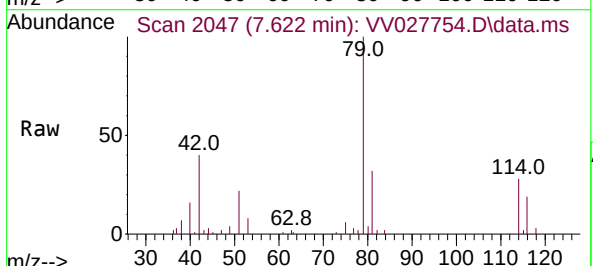
Acq: 06 Sep 2022 20:29

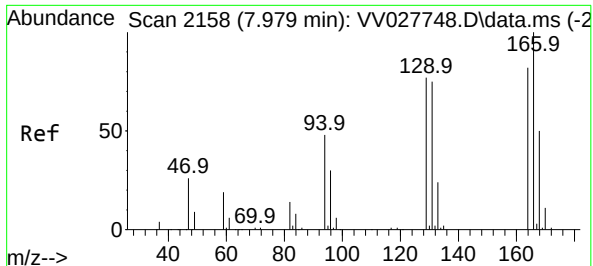
Tgt Ion: 75 Resp: 868

Ion Ratio Lower Upper

75 100

77 40.9 22.6 42.0





#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV027754.D

Acq: 06 Sep 2022 20:29

Instrument :

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ClientSampleId :

DBVD9

Tgt Ion:164 Resp: 795

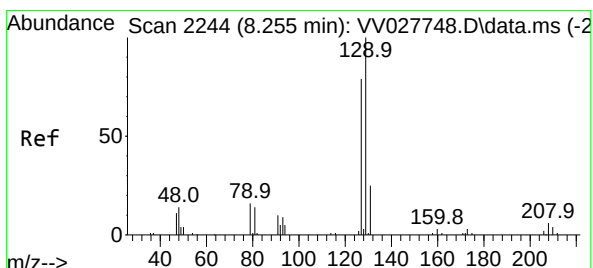
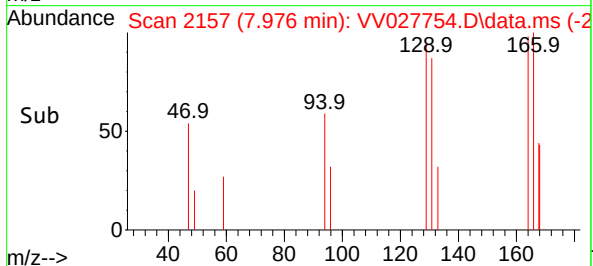
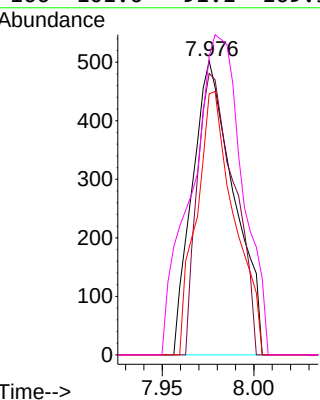
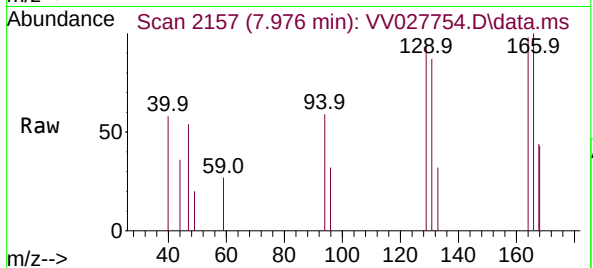
Ion Ratio Lower Upper

164 100

129 95.8 67.2 124.8

131 88.8 61.5 114.3

166 101.6 91.1 169.3



#49

Dibromochloromethane

Concen: 0.074 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.280 min

Lab File: VV027754.D

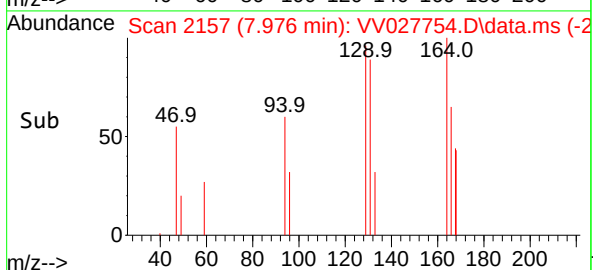
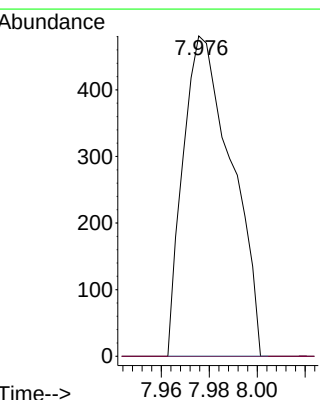
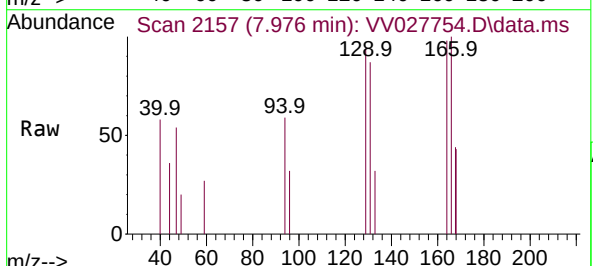
Acq: 06 Sep 2022 20:29

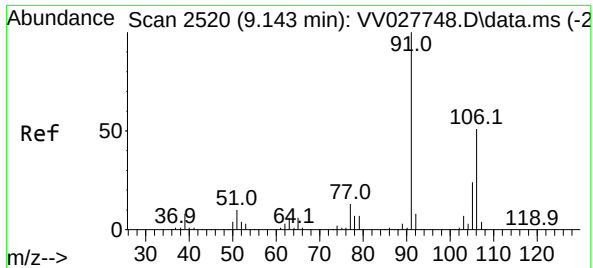
Tgt Ion:129 Resp: 674

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#

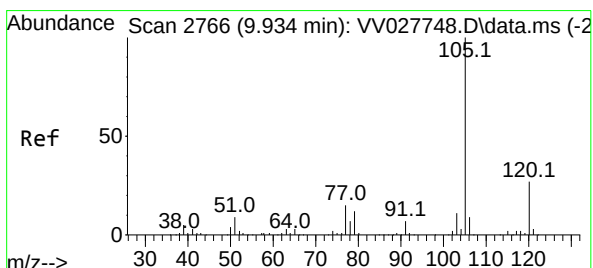
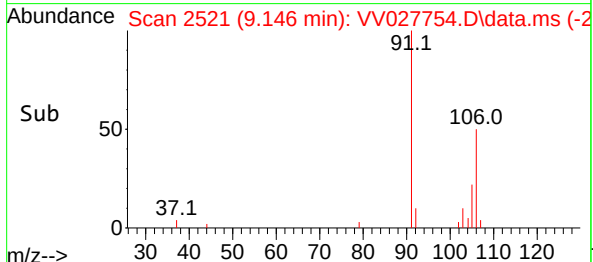
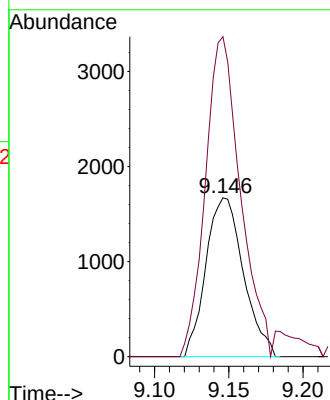
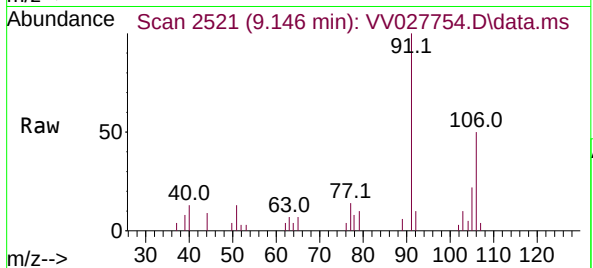




#53
m,p-Xylene
Concen: 0.159 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

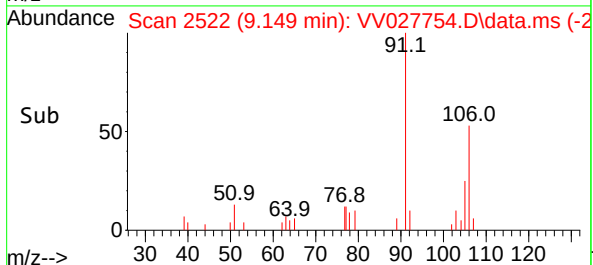
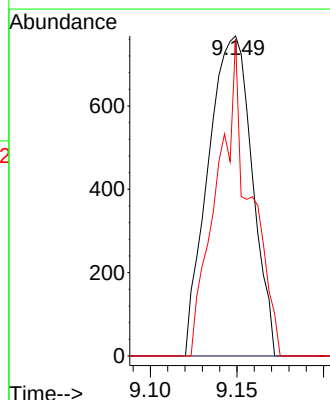
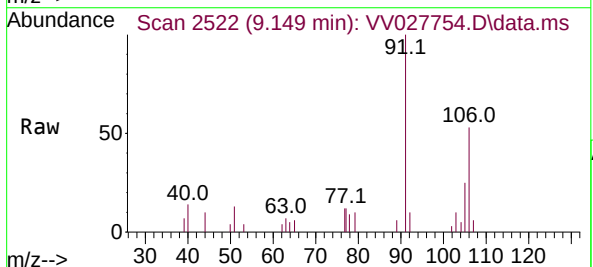
Instrument :
MSVOA_V
ClientSampleId :
DBVD9

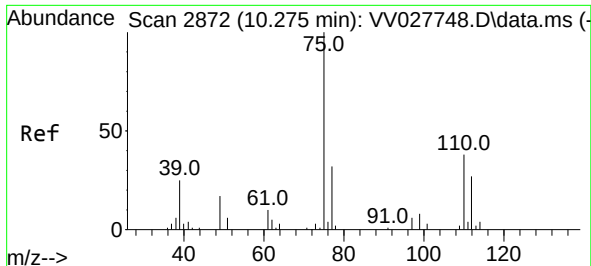
Tgt Ion:106 Resp: 2936
Ion Ratio Lower Upper
106 100
91 201.4 142.4 264.4



#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. -0.785 min
Lab File: VV027754.D
Acq: 06 Sep 2022 20:29

Tgt Ion:105 Resp: 1359
Ion Ratio Lower Upper
105 100
120 0.0 21.3 31.9#
77 74.2 12.6 18.8#

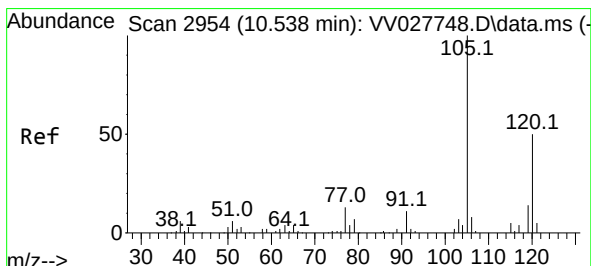
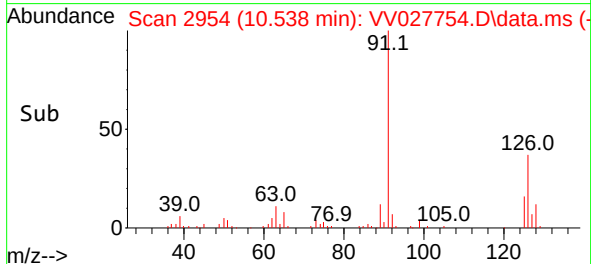
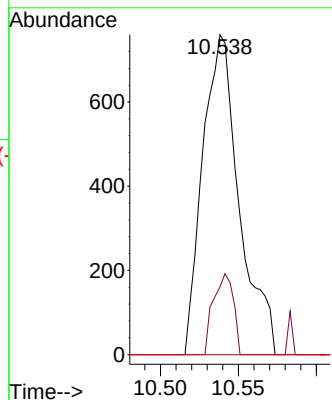
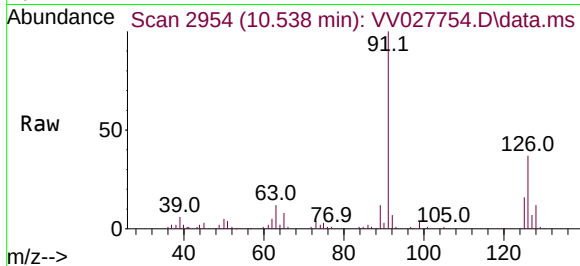




#61
 1,2,3-Trichloropropane
 Concen: 0.241 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.264 min
 Lab File: VV027754.D
 Acq: 06 Sep 2022 20:29

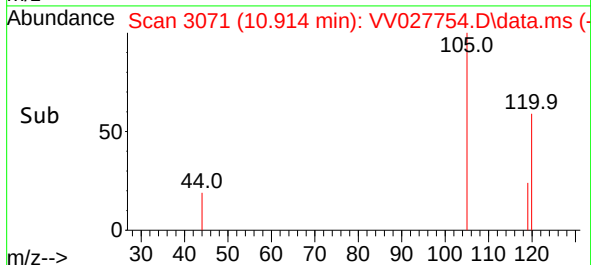
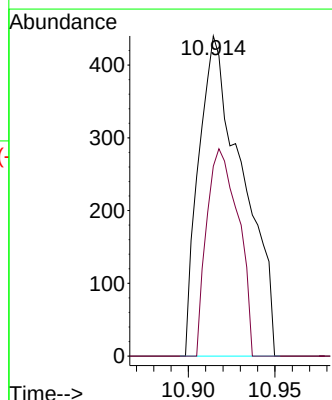
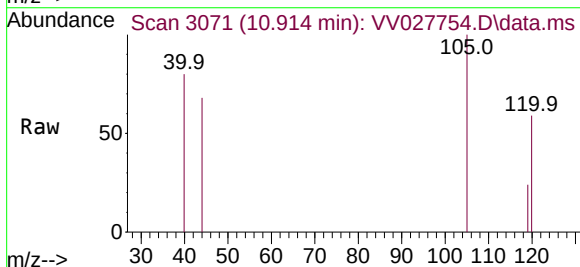
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD9

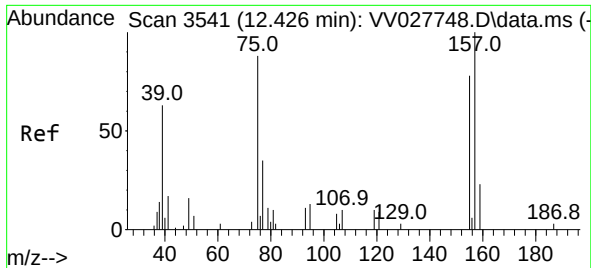
Tgt Ion: 75 Resp: 1239
 Ion Ratio Lower Upper
 75 100
 77 13.8 27.6 41.4#
 110 0.0 35.6 53.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.068 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.376 min
 Lab File: VV027754.D
 Acq: 06 Sep 2022 20:29

Tgt Ion: 105 Resp: 775
 Ion Ratio Lower Upper
 105 100
 120 46.6 39.6 59.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 12.313 ug/L
 RT: 12.580 min Scan# 31
 Delta R.T. 0.154 min
 Lab File: VV027754.D
 Acq: 06 Sep 2022 20:29

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD9

Tgt Ion: 75 Resp: 13565
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.9 107.9#
 157 0.0 95.1 142.7#

