

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028132.D
 Acq On : 27 Sep 2022 12:16
 Operator : SY/MD
 Sample : N4820-13DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P3DL

Quant Time: Sep 28 03:09:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

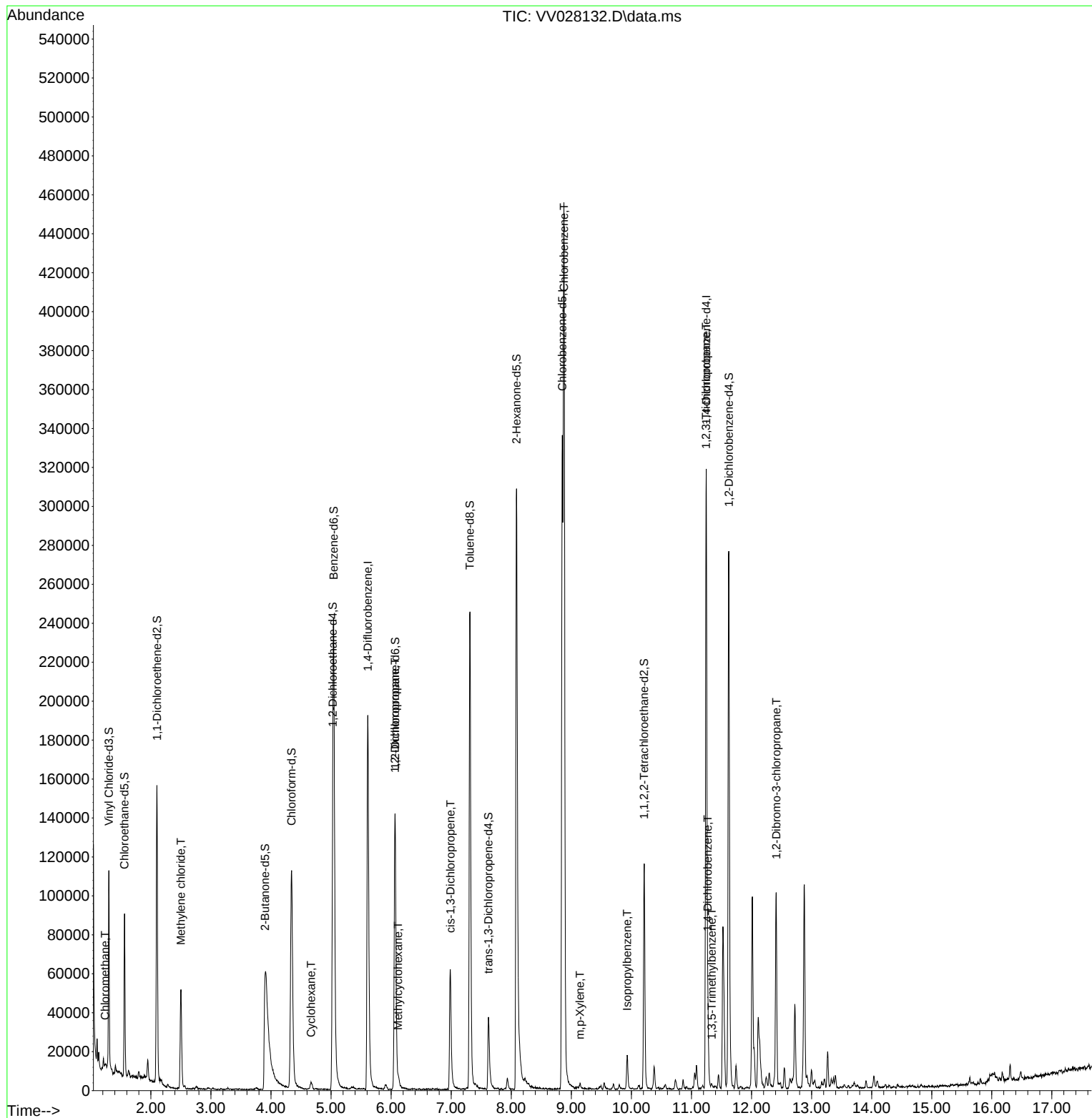
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	175961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57717	3.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.561	69	54323	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.101	63	80567	2.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	3.902	46	151520	49.199	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.400%
24) Chloroform-d	4.343	84	121512	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.027	65	59743	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.043	84	222443	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.066	67	72351	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.310	98	170909	3.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	7.619	79	23354	3.587	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.088	63	119998	44.154	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56289	4.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	75907	4.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	724	0.042	ug/L	88
16) Methylene chloride	2.500	84	22068	1.626	ug/L	94
30) Cyclohexane	4.667	56	795	0.051	ug/L #	48
35) Methylcyclohexane	6.117	83	1486	0.089	ug/L #	73
37) 1,2-Dichloropropane	6.063	63	8044	0.586	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1503	0.088	ug/L #	28
51) Chlorobenzene	8.876	112	249305	7.277	ug/L	99
53) m,p-Xylene	9.143	106	794	0.038	ug/L	66
60) Isopropylbenzene	9.931	105	11317	0.223	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	13474	1.857	ug/L #	44
62) 1,3,5-Trimethylbenzene	11.339	105	1352	0.095	ug/L	91
65) 1,4-Dichlorobenzene	11.272	146	16046	0.635	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.413	75	403	0.253	ug/L #	1

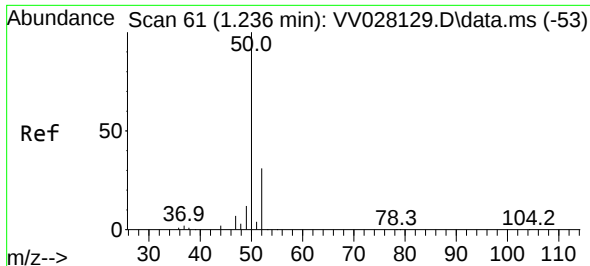
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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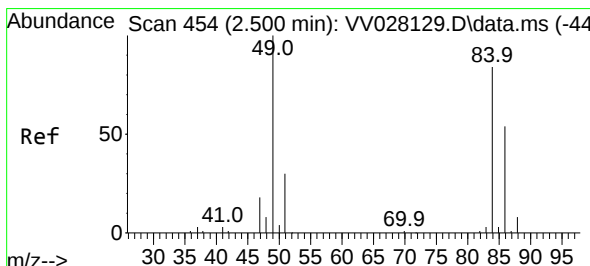
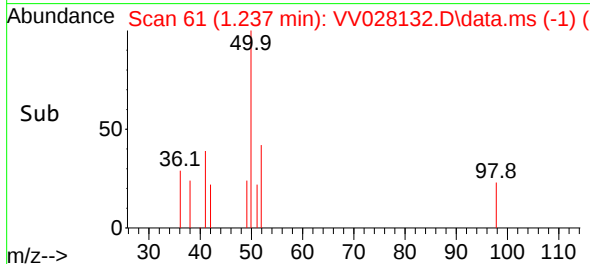
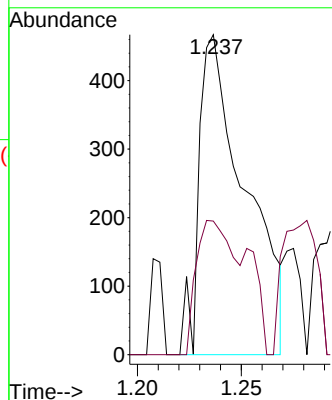
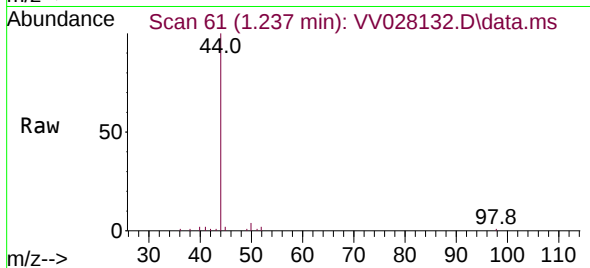




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

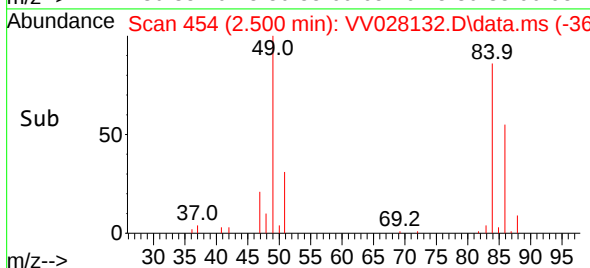
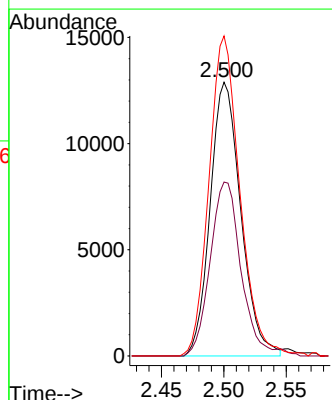
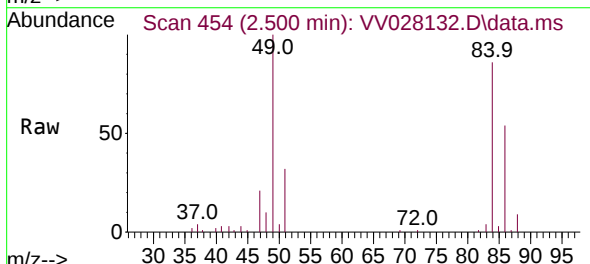
Instrument :
MSVOA_V
ClientSampleId :
CB8P3DL

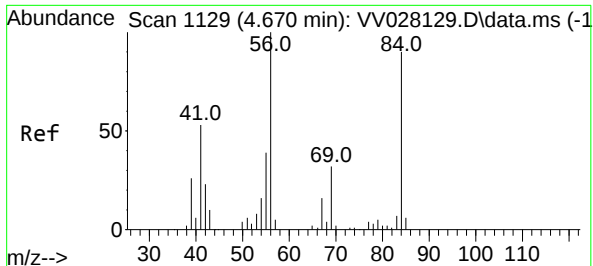
Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 41.8 24.4 45.2



#16
Methylene chloride
Concen: 1.626 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

Tgt Ion: 84 Resp: 22068
Ion Ratio Lower Upper
84 100
86 63.5 46.8 86.8
49 116.9 87.5 162.5





#30

Cyclohexane

Concen: 0.051 ug/L

RT: 4.667 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028132.D

Acq: 27 Sep 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

CB8P3DL

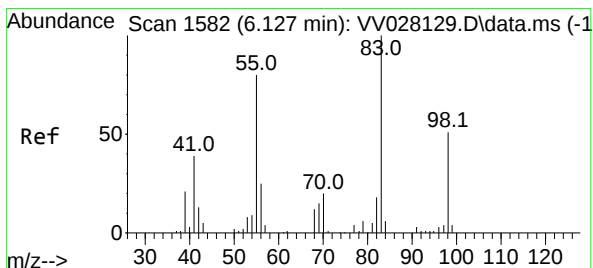
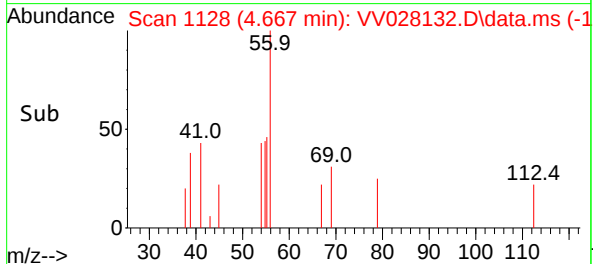
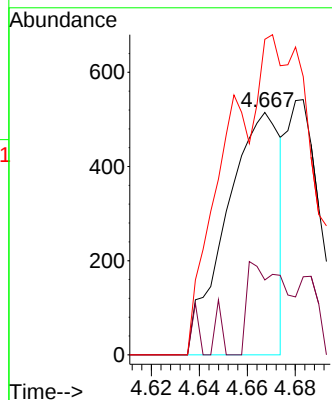
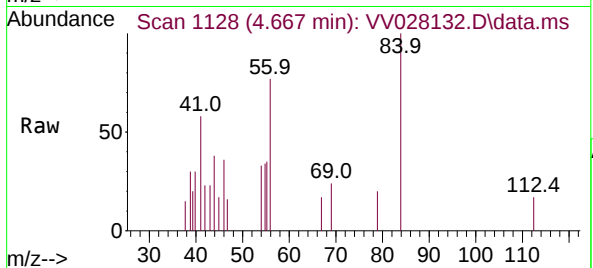
Tgt Ion: 56 Resp: 795

Ion Ratio Lower Upper

56 100

69 27.5 23.7 35.5

84 147.2 67.3 100.9#



#35

Methylcyclohexane

Concen: 0.089 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.010 min

Lab File: VV028132.D

Acq: 27 Sep 2022 12:16

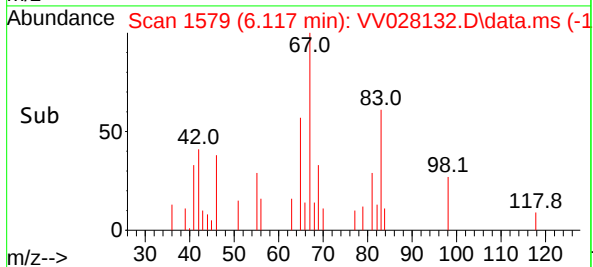
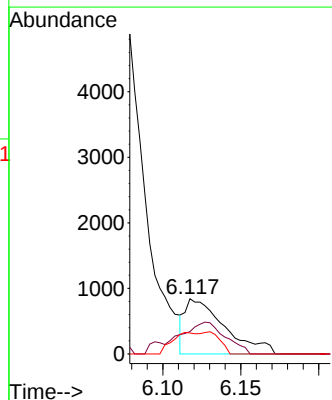
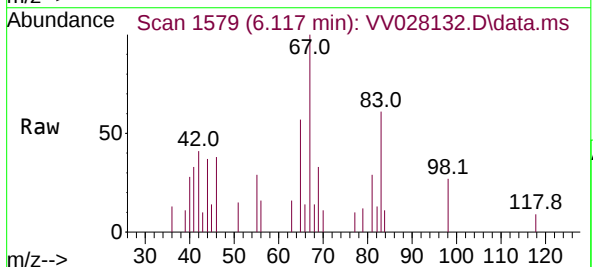
Tgt Ion: 83 Resp: 1486

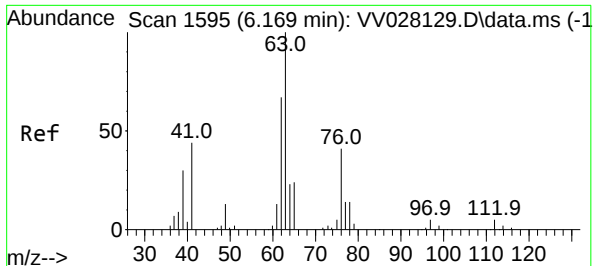
Ion Ratio Lower Upper

83 100

55 62.9 64.7 97.1#

98 23.2 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV028132.D

Acq: 27 Sep 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

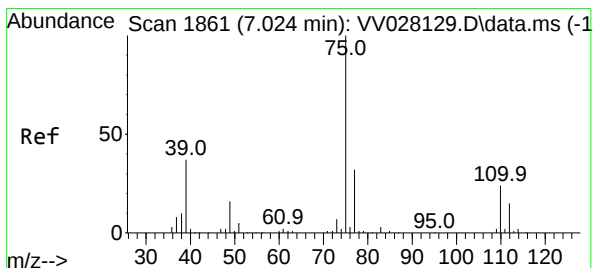
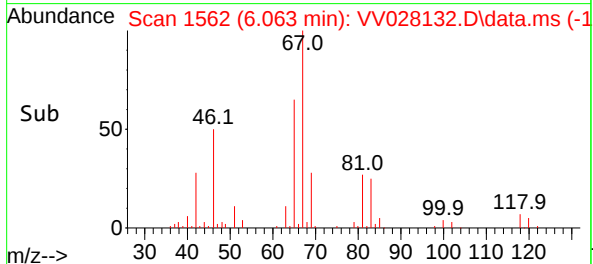
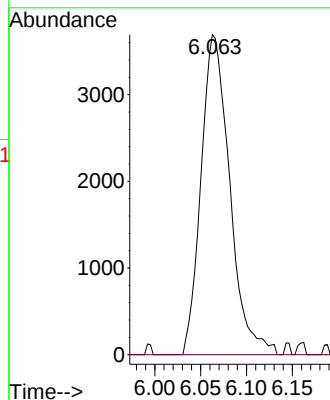
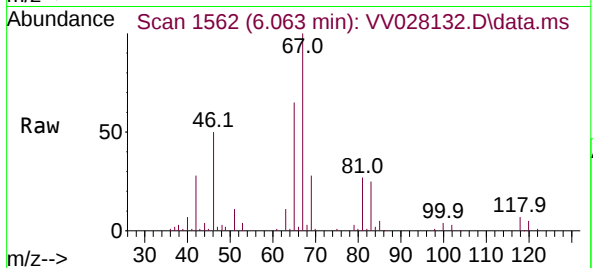
CB8P3DL

Tgt Ion: 63 Resp: 8044

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV028132.D

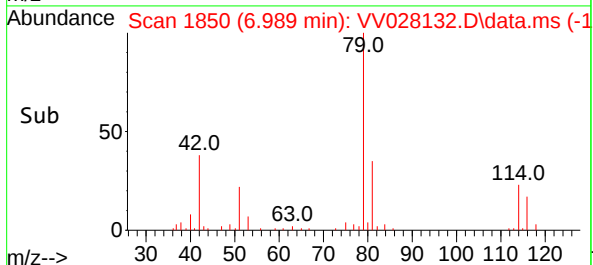
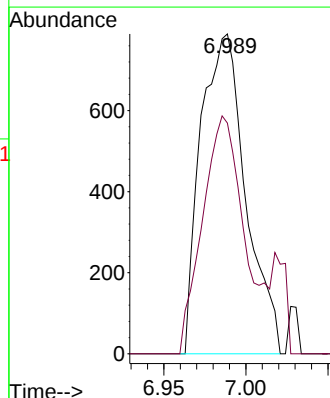
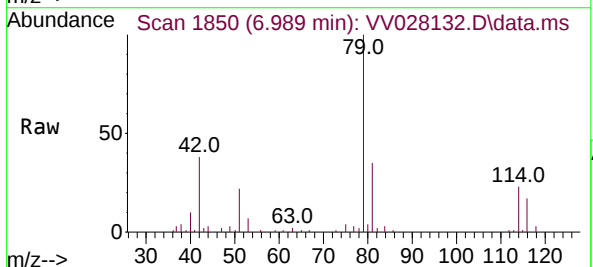
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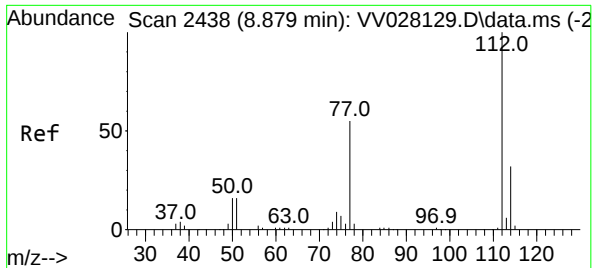
Tgt Ion: 75 Resp: 1503

Ion Ratio Lower Upper

75 100

77 72.1 22.4 41.6#

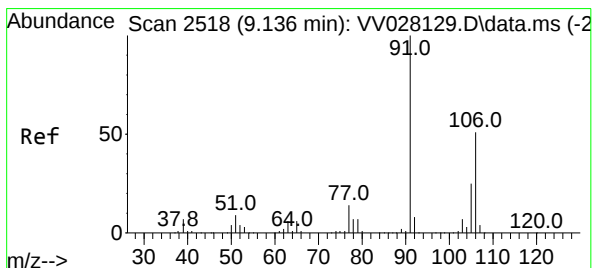
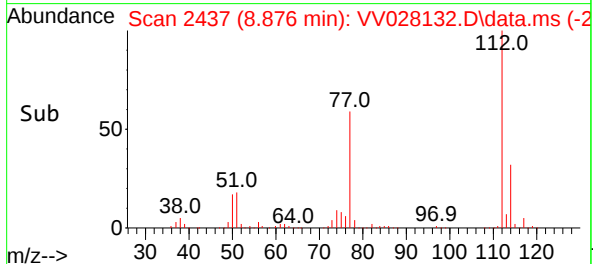
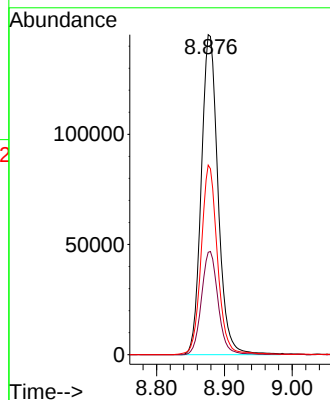
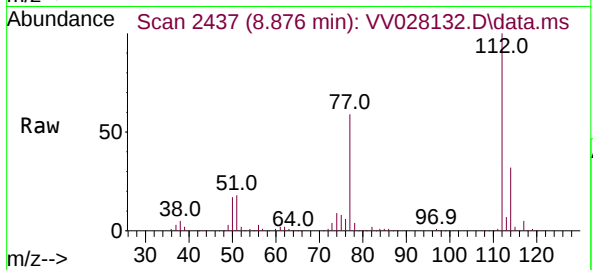




#51
Chlorobenzene
Concen: 7.277 ug/L
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

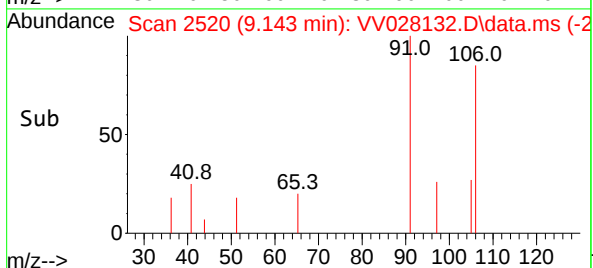
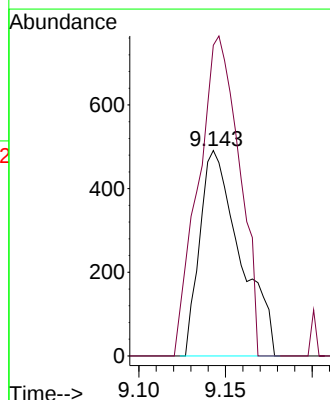
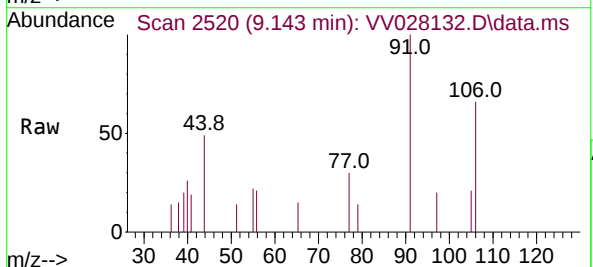
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ClientSampleId :
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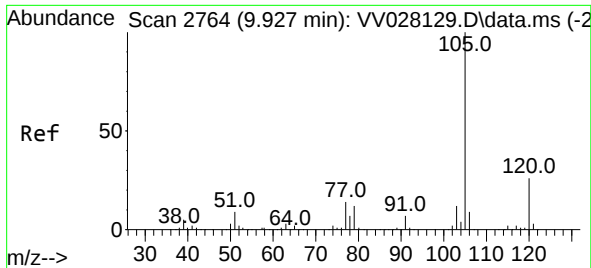
Tgt Ion:112 Resp: 249305
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 59.2 46.1 69.1



#53
m,p-Xylene
Concen: 0.038 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.007 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

Tgt Ion:106 Resp: 794
Ion Ratio Lower Upper
106 100
91 151.3 141.9 263.5

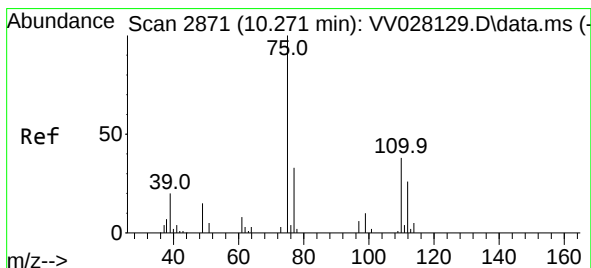
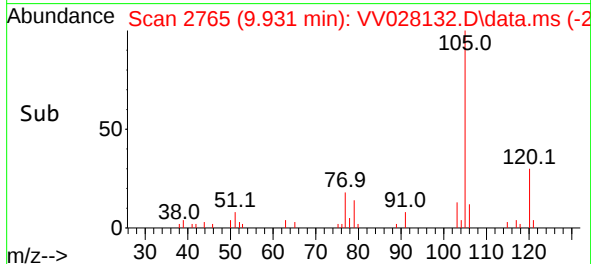
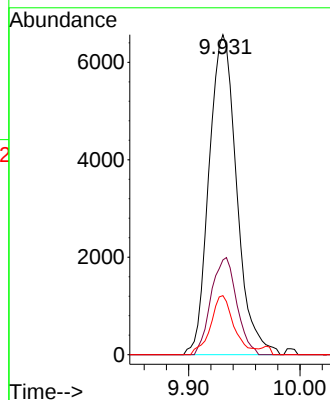
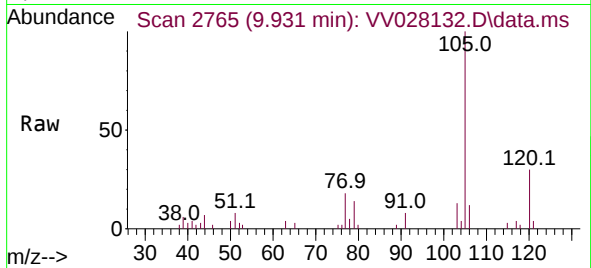




#60
Isopropylbenzene
Concen: 0.223 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

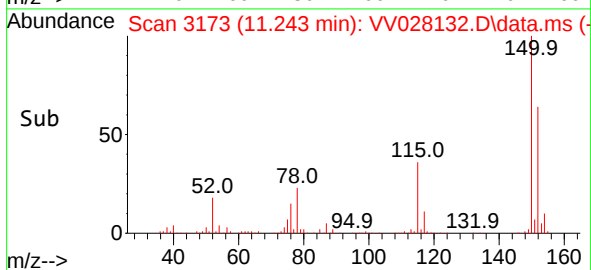
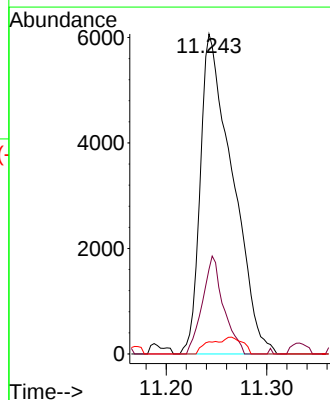
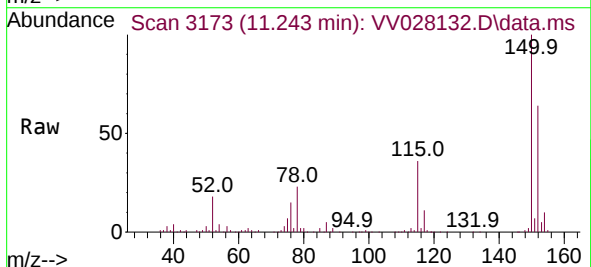
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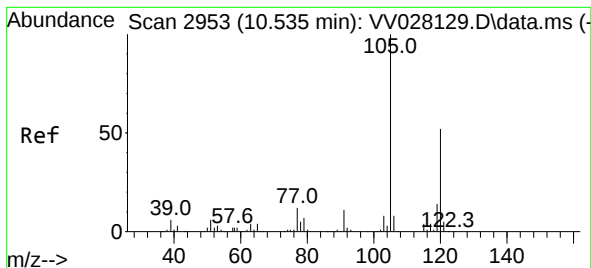
Tgt Ion:105 Resp: 11317
Ion Ratio Lower Upper
105 100
120 28.1 21.4 32.0
77 0.0 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 1.857 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV028132.D
Acq: 27 Sep 2022 12:16

Tgt Ion: 75 Resp: 13474
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 5.2 30.1 45.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.095 ug/L

RT: 11.339 min Scan# 31

Delta R.T. 0.804 min

Lab File: VV028132.D

Acq: 27 Sep 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

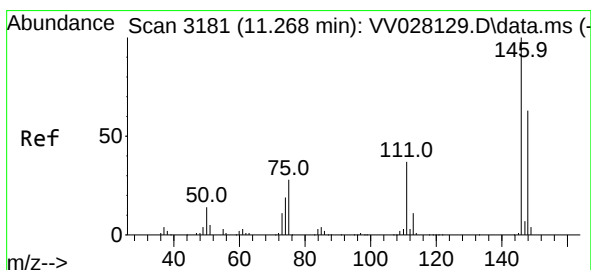
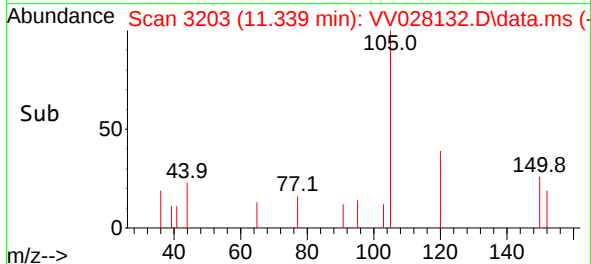
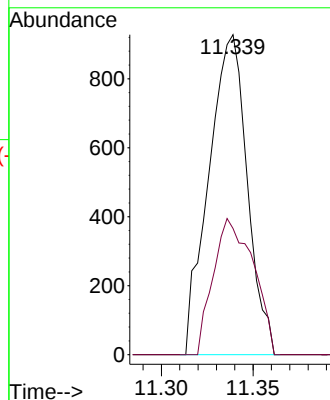
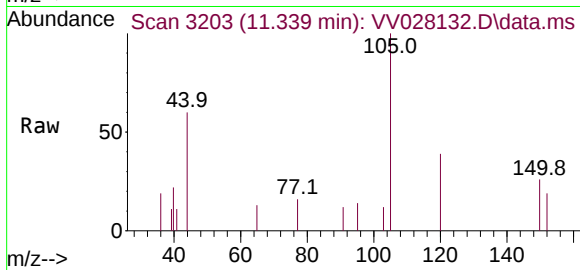
CB8P3DL

Tgt Ion:105 Resp: 1352

Ion Ratio Lower Upper

105 100

120 44.5 40.6 61.0



#65

1,4-Dichlorobenzene

Concen: 0.635 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV028132.D

Acq: 27 Sep 2022 12:16

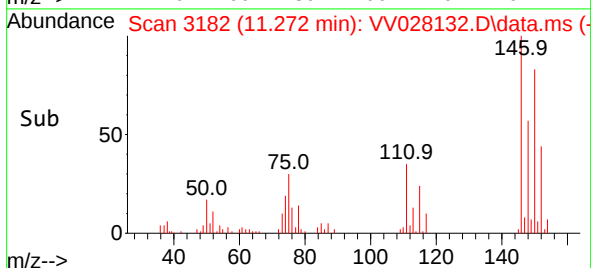
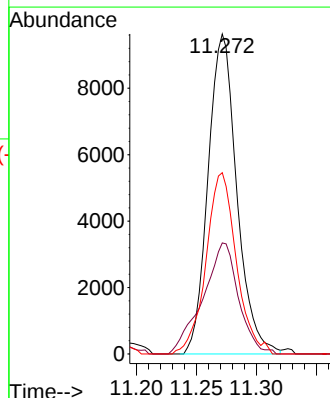
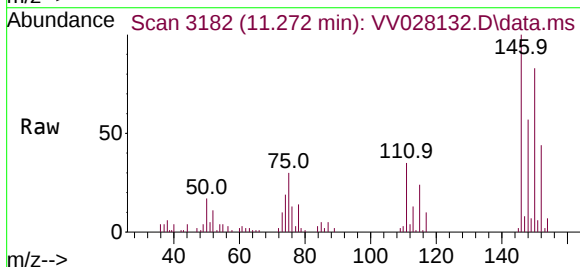
Tgt Ion:146 Resp: 16046

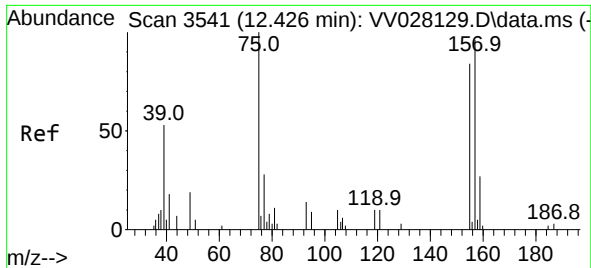
Ion Ratio Lower Upper

146 100

111 34.7 26.2 48.8

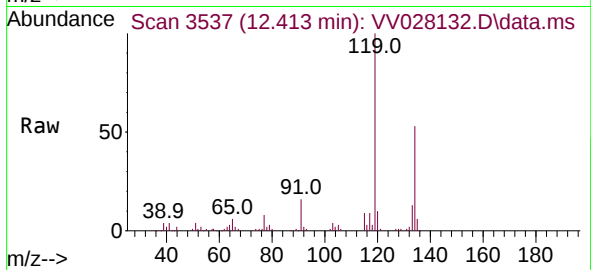
148 56.7 45.8 85.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.253 ug/L
 RT: 12.413 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VV028132.D
 Acq: 27 Sep 2022 12:16

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P3DL



Tgt Ion: 75 Resp: 403
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#

