

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110223\
 Data File : VV032828.D
 Acq On : 01 Nov 2023 16:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:32:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 01:31:24 2023
 Response via : Initial Calibration

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

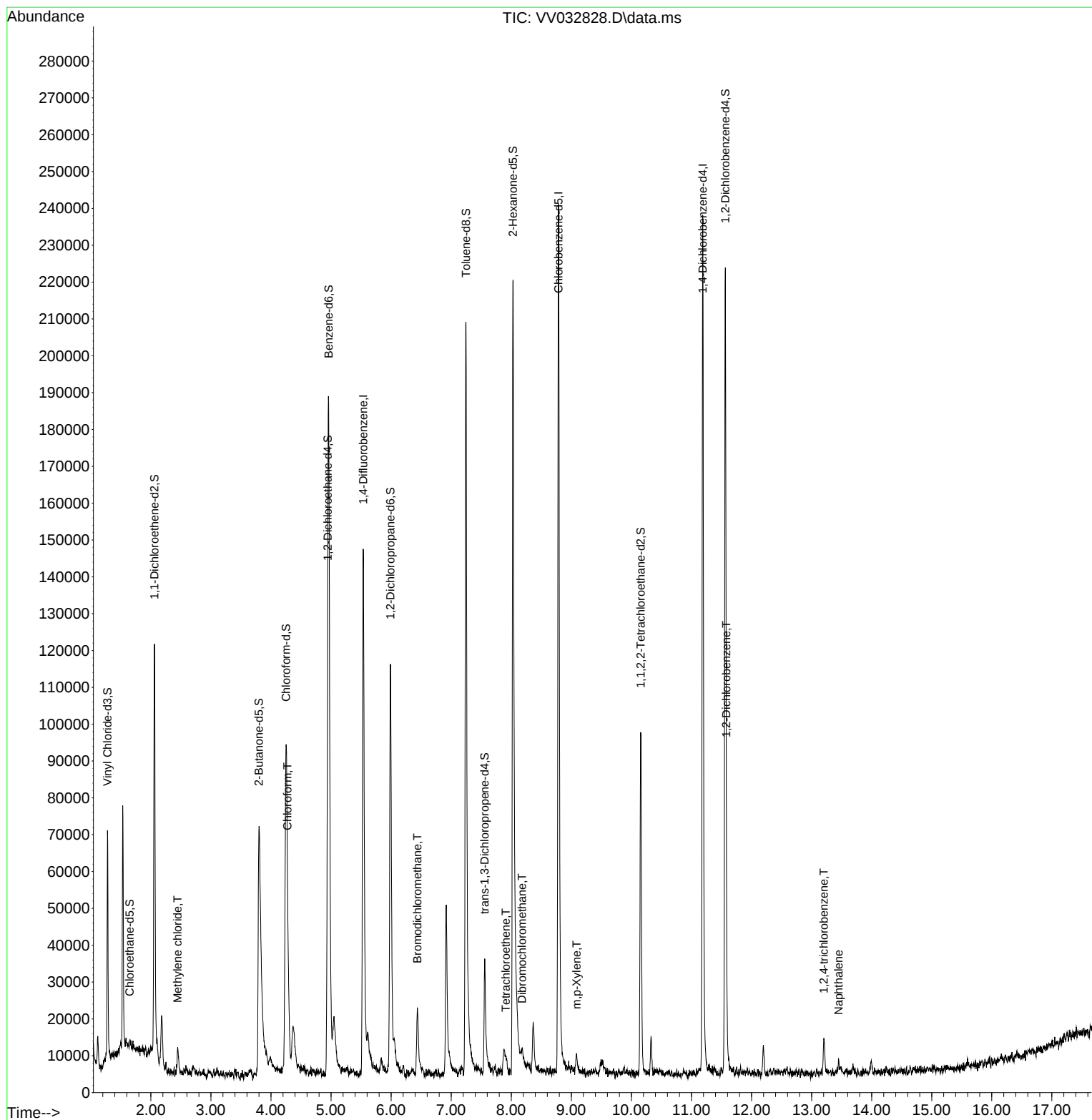
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	124286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39705	3.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.648	69	1799	0.207	ug/L	0.12
Spiked Amount	5.000	Range	65 - 130	Recovery	=	4.200%#
11) 1,1-Dichloroethene-d2	2.060	65	18298	3.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.799	46	98755	44.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.249	84	89397	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	44935	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	4.960	84	168228	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.989	67	51297	5.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.246	98	147993	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.558	79	20616	4.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.027	63	75814	45.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.140%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	43275	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	56606	5.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
16) Methylene chloride	2.445	84	3168	0.232	ug/L	91
25) Chloroform	4.275	83	28807	1.361	ug/L	100
38) Bromodichloromethane	6.436	83	12295	0.793	ug/L	100
47) Tetrachloroethene	7.908	164	1050	0.102	ug/L #	69
49) Dibromochloromethane	8.182	129	1682	0.160	ug/L	80
53) m,p-Xylene	9.088	106	1699	0.084	ug/L	64
67) 1,2-Dichlorobenzene	11.580	146	4626	0.229	ug/L #	91
70) 1,2,4-trichlorobenzene	13.204	180	3038	0.228	ug/L #	91
71) Naphthalene	13.451	128	2098	0.100	ug/L #	79

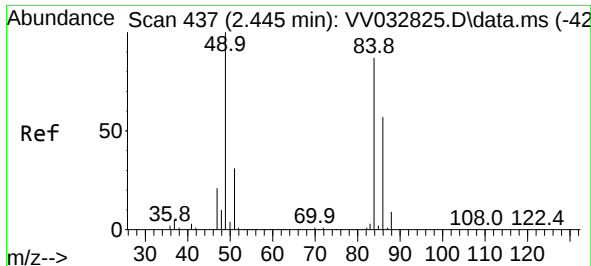
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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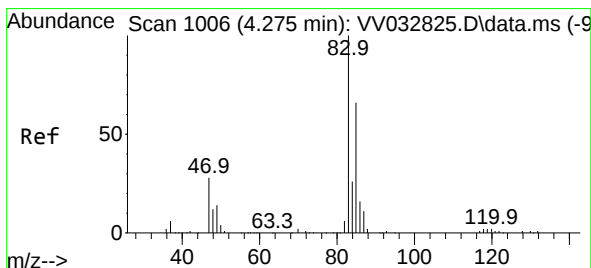
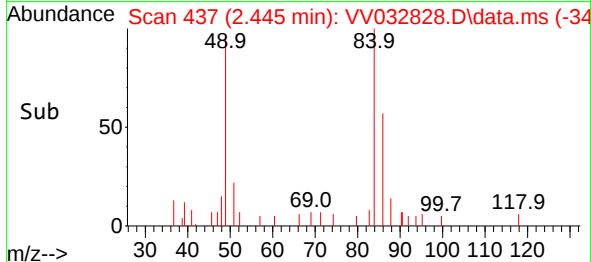
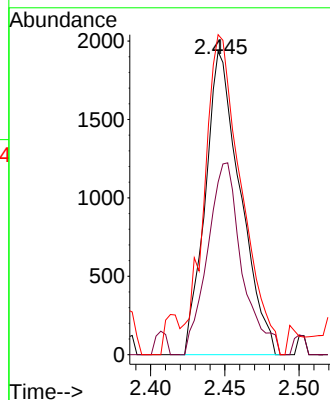
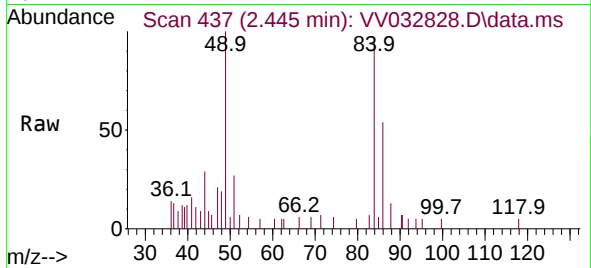




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032828.D
Acq: 01 Nov 2023 16:58

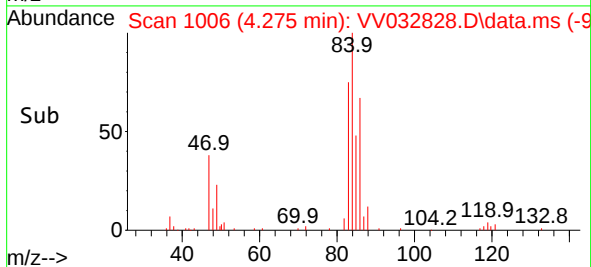
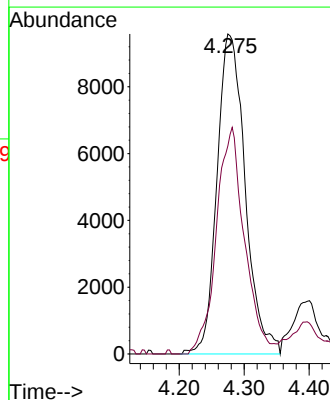
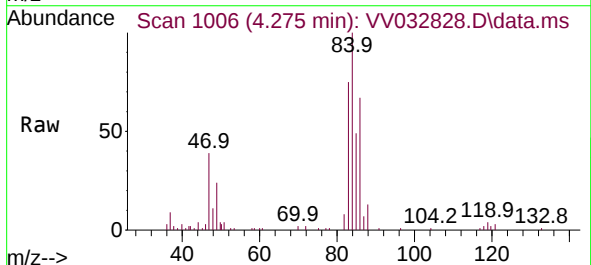
Instrument :
MSVOA_V
ClientSampleId :

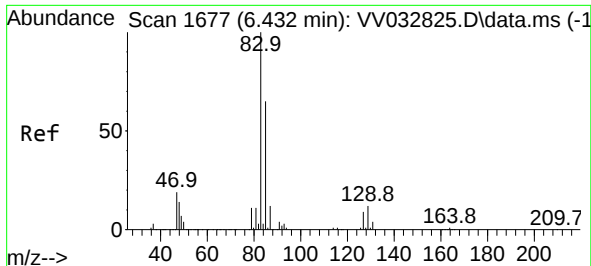
Tgt Ion: 84 Resp: 3168
Ion Ratio Lower Upper
84 100
86 56.9 44.8 83.2
49 105.5 81.1 150.5



#25
Chloroform
Concen: 1.361 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV032828.D
Acq: 01 Nov 2023 16:58

Tgt Ion: 83 Resp: 28807
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9

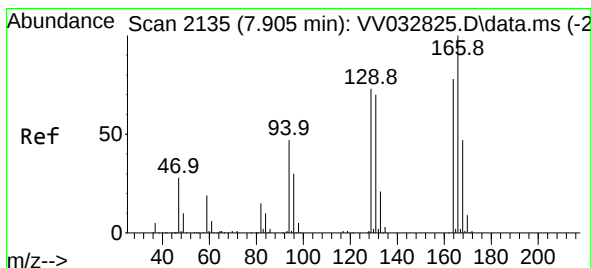
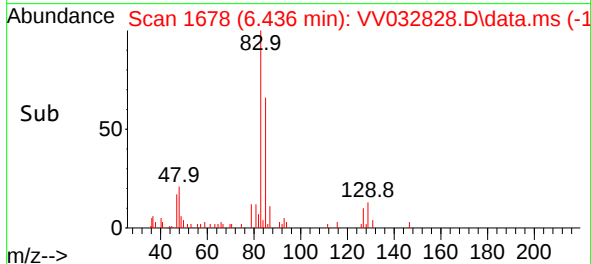
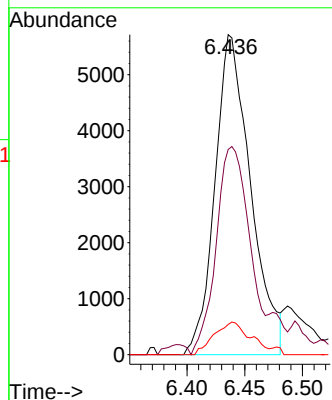
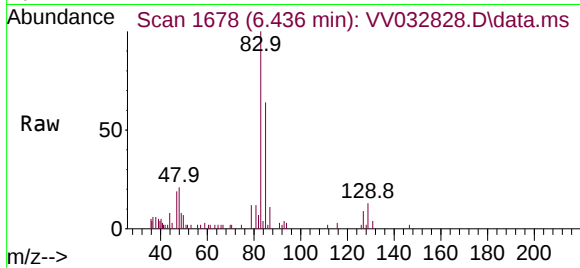




#38
Bromodichloromethane
Concen: 0.793 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032828.D
Acq: 01 Nov 2023 16:58

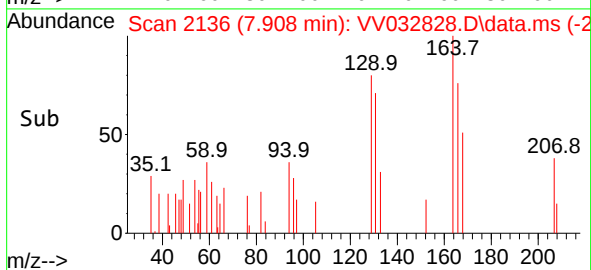
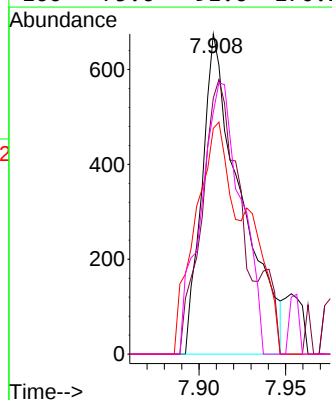
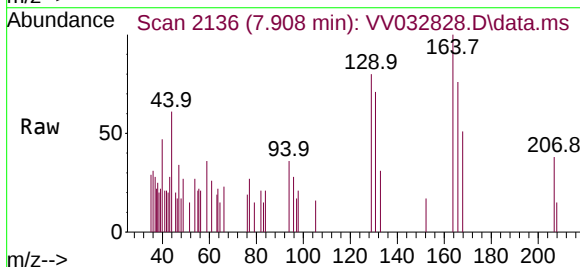
Instrument :
MSVOA_V
ClientSampleId :

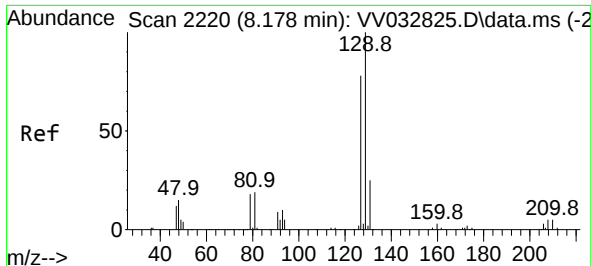
Tgt Ion:	83	Resp:	12295
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.9	83.5
127	9.5	7.0	10.6



#47
Tetrachloroethene
Concen: 0.102 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032828.D
Acq: 01 Nov 2023 16:58

Tgt Ion:	164	Resp:	1050
Ion	Ratio	Lower	Upper
164	100		
129	80.0	65.3	121.3
131	70.5	66.6	123.8
166	75.6	91.6	170.2#





#49

Dibromochloromethane

Concen: 0.160 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032828.D

Acq: 01 Nov 2023 16:58

Instrument :

MSVOA_V

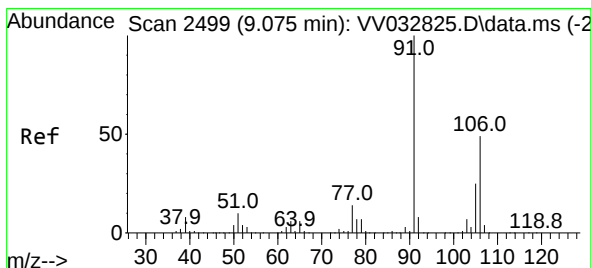
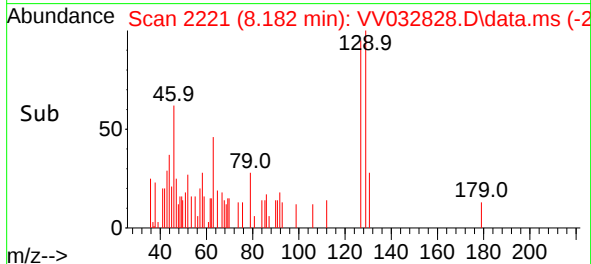
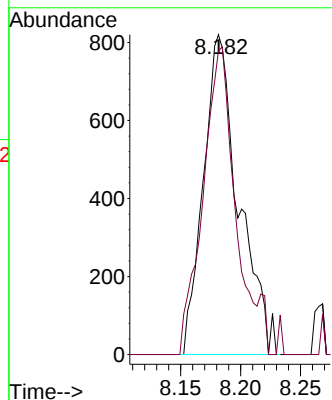
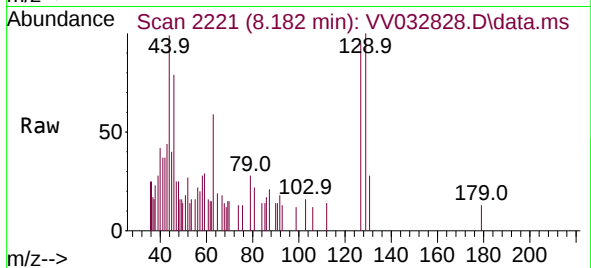
ClientSampleId :

Tgt Ion:129 Resp: 1682

Ion Ratio Lower Upper

129 100

127 94.9 54.0 100.4



#53

m,p-Xylene

Concen: 0.084 ug/L

RT: 9.088 min Scan# 2503

Delta R.T. 0.013 min

Lab File: VV032828.D

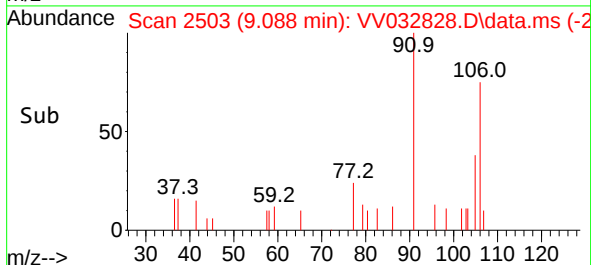
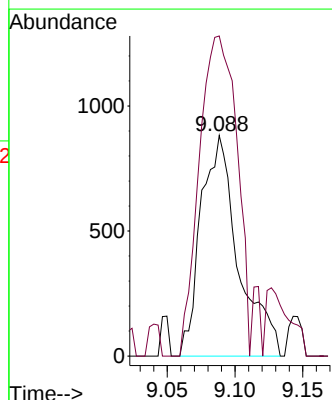
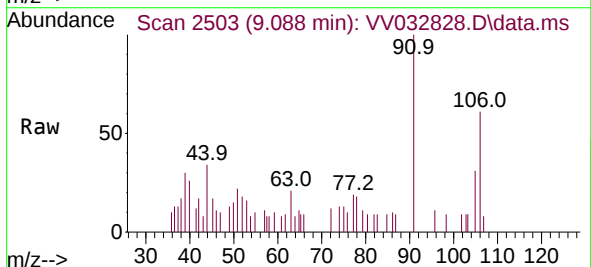
Acq: 01 Nov 2023 16:58

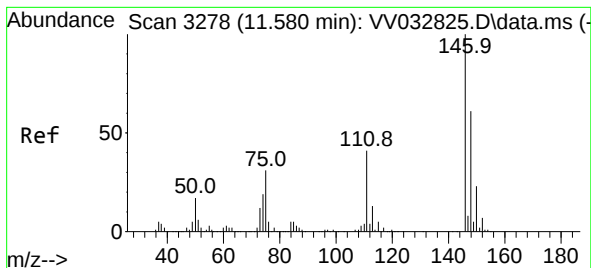
Tgt Ion:106 Resp: 1699

Ion Ratio Lower Upper

106 100

91 145.1 139.3 258.7





#67

1,2-Dichlorobenzene

Concen: 0.229 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032828.D

Acq: 01 Nov 2023 16:58

Instrument :

MSVOA_V

ClientSampleId :

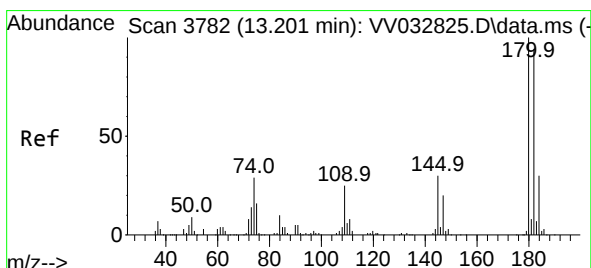
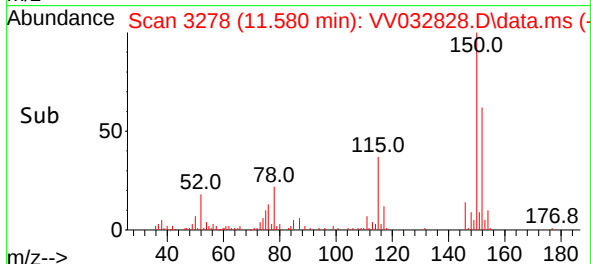
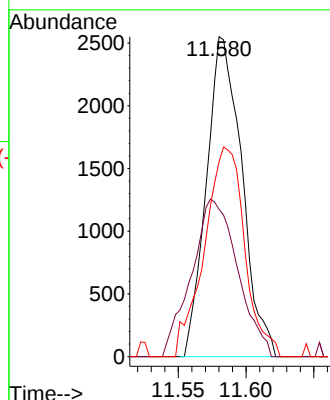
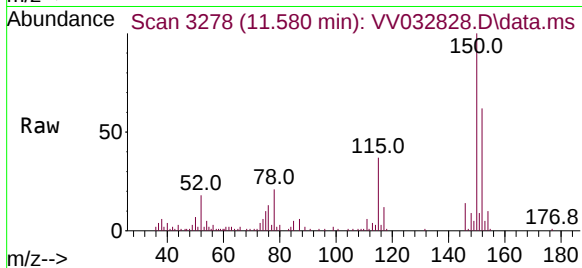
Tgt Ion:146 Resp: 4626

Ion Ratio Lower Upper

146 100

111 52.6 34.2 51.4#

148 61.0 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 0.228 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032828.D

Acq: 01 Nov 2023 16:58

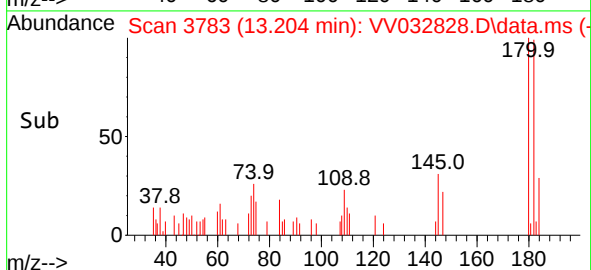
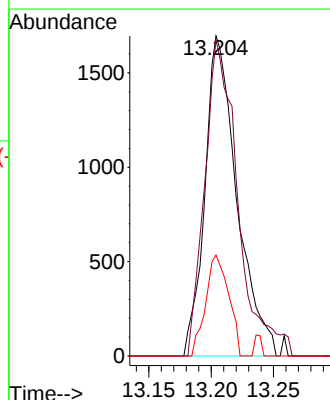
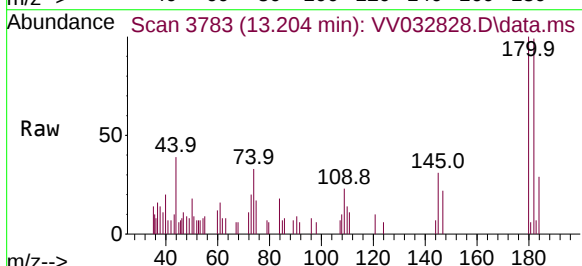
Tgt Ion:180 Resp: 3038

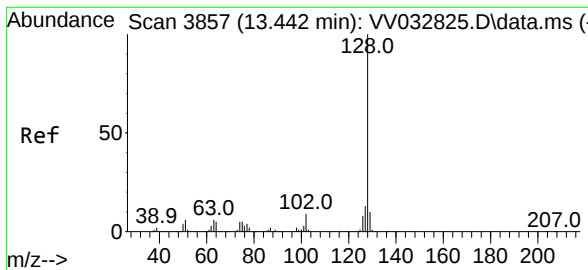
Ion Ratio Lower Upper

180 100

182 101.7 75.7 113.5

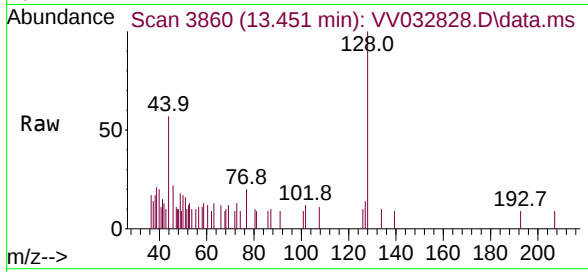
145 22.5 25.0 37.4#





#71
Naphthalene
Concen: 0.100 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032828.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2098
Ion Ratio Lower Upper
128 100
129 4.9 8.6 12.8#
127 2.8 10.4 15.6#

