

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028376.D
 Acq On : 05 Oct 2022 18:11
 Operator : SY/MD
 Sample : VV1005WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK249

Quant Time: Oct 06 02:34:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

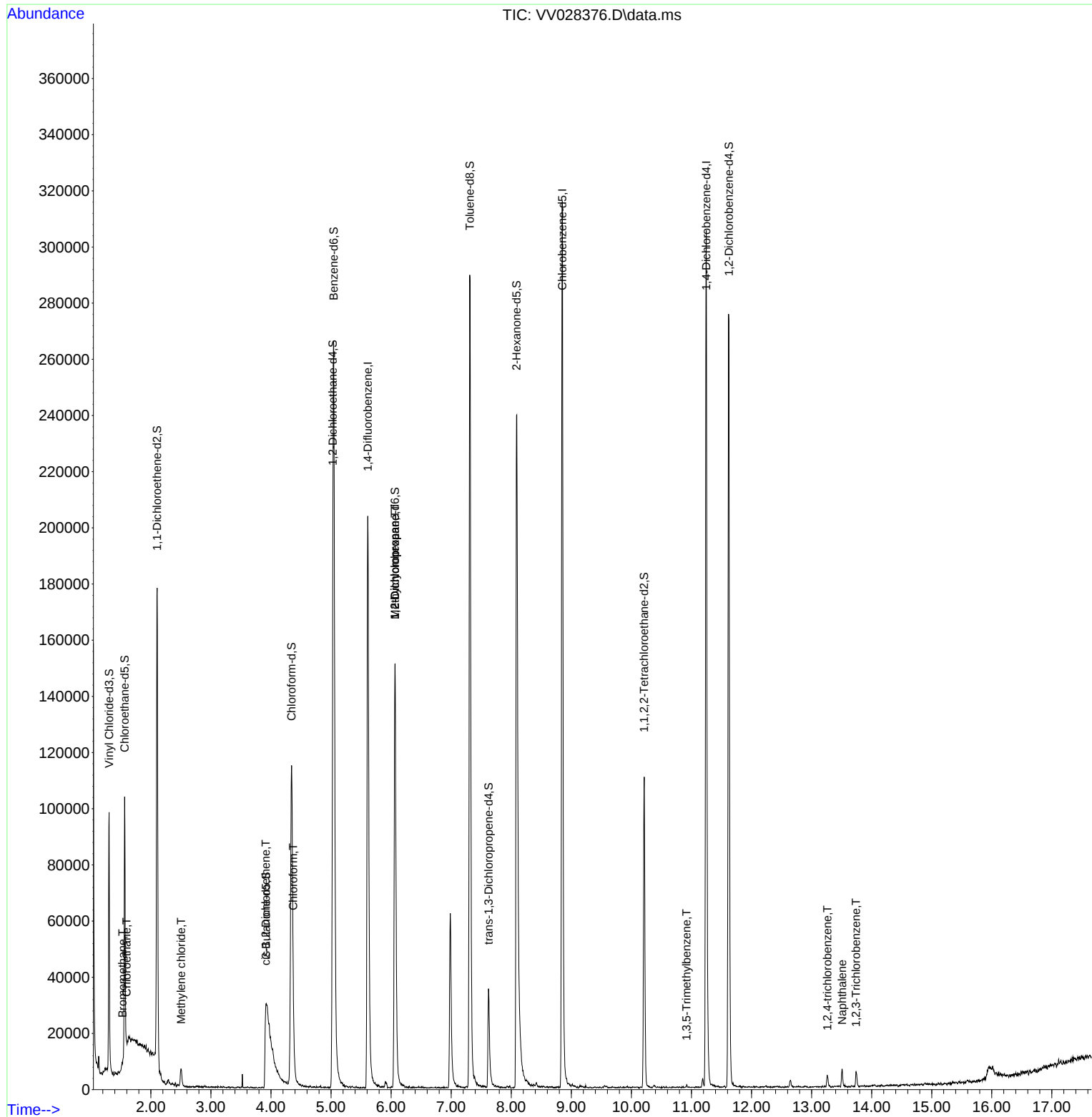
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	190952	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59391	4.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.565	69	56971	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.101	63	85621	3.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.918	46	116354	47.930	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.860%
24) Chloroform-d	4.343	84	127433	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.031	65	59768	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.043	84	254047	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.066	67	79199	5.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.310	98	208209	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.622	79	24113	4.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	107844	46.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54958	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	76559	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	333	0.043	ug/L	90
8) Chloroethane	1.597	64	30810	2.820	ug/L #	53
16) Methylene chloride	2.503	84	3225	0.209	ug/L #	77
22) cis-1,2-Dichloroethene	3.912	96	378	0.026	ug/L	70
25) Chloroform	4.368	83	8409	0.316	ug/L	99
35) Methylcyclohexane	6.066	83	19562	0.845	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8100	0.618	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.918	105	584	0.038	ug/L	93
70) 1,2,4-trichlorobenzene	13.262	180	1951	0.123	ug/L #	89
71) Naphthalene	13.509	128	5791	0.233	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	2118	0.148	ug/L	94

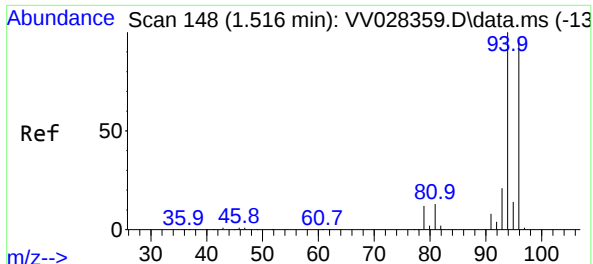
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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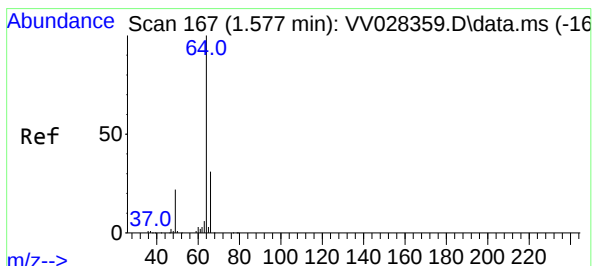
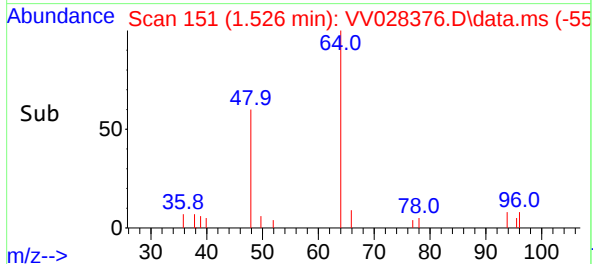
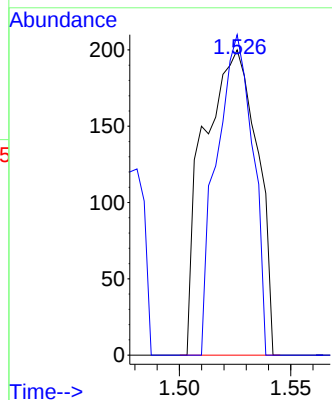
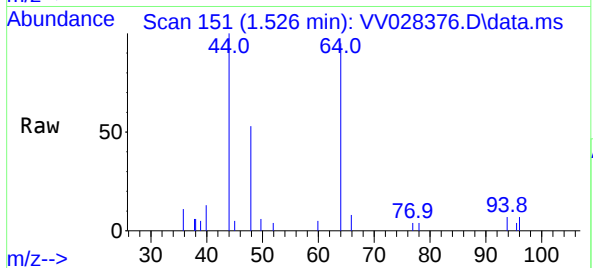




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

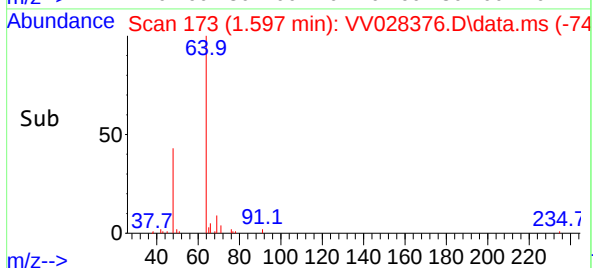
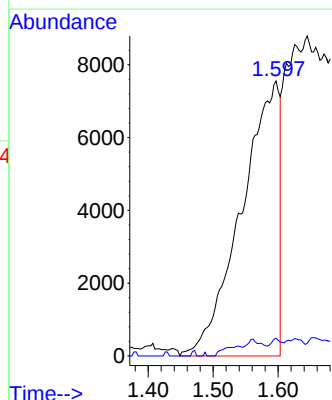
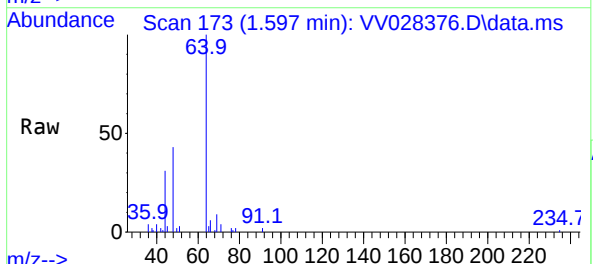
Instrument :
MSVOA_V
ClientSampleId :
VBLK249

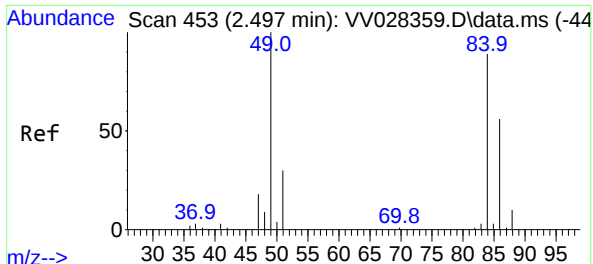
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 105.0 66.7 123.9



#8
Chloroethane
Concen: 2.820 ug/L
RT: 1.597 min Scan# 173
Delta R.T. 0.019 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

Tgt Ion: 64 Resp: 30810
Ion Ratio Lower Upper
64 100
66 6.4 23.0 42.8#

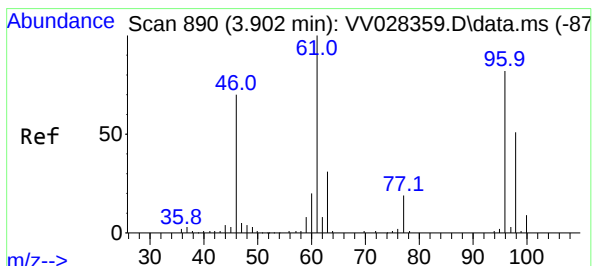
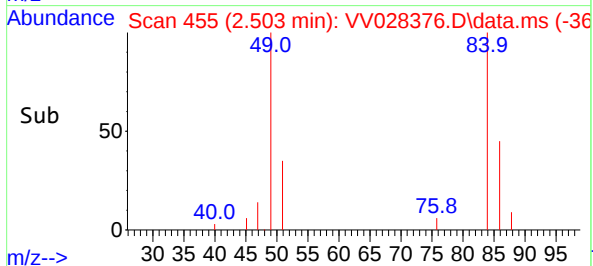
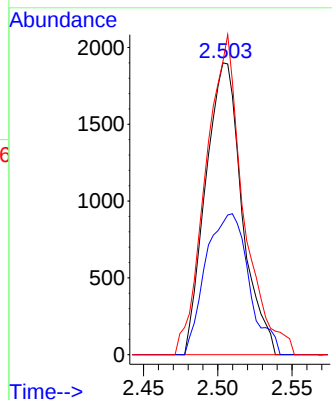
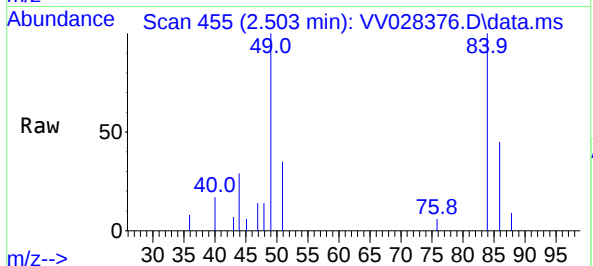




#16
Methylene chloride
Concen: 0.209 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

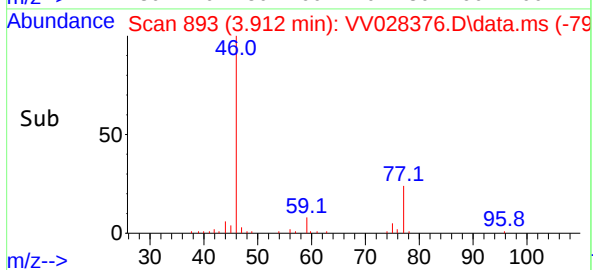
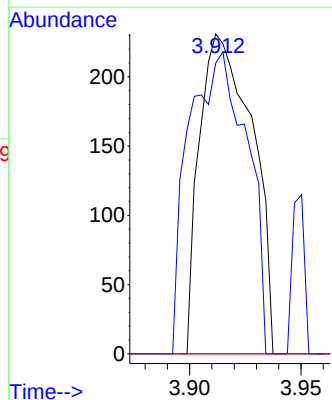
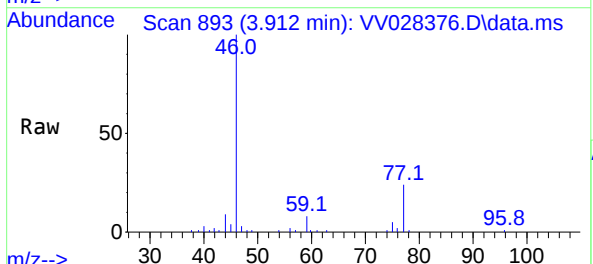
Instrument :
MSVOA_V
ClientSampleId :
VBLK249

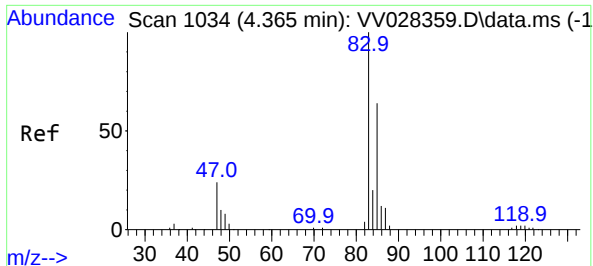
Tgt Ion: 84 Resp: 3225
Ion Ratio Lower Upper
84 100
86 45.2 46.8 86.8#
49 100.4 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.026 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.007 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

Tgt Ion: 96 Resp: 378
Ion Ratio Lower Upper
96 100
61 90.9 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.316 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028376.D

Acq: 05 Oct 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :

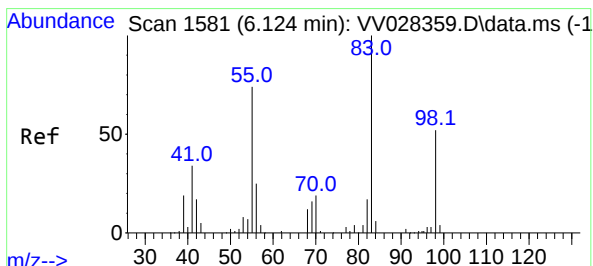
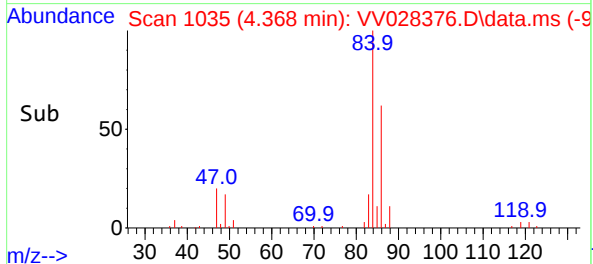
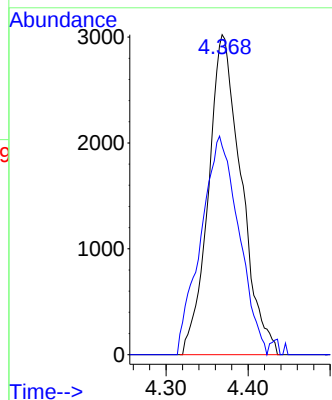
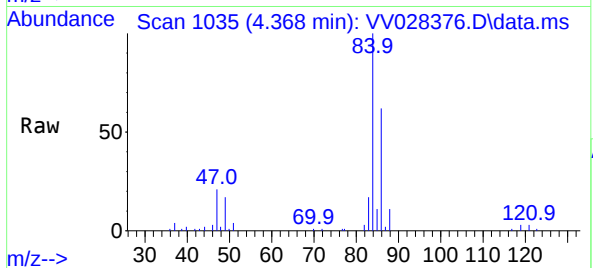
VBLK249

Tgt Ion: 83 Resp: 8409

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7



#35

Methylcyclohexane

Concen: 0.845 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028376.D

Acq: 05 Oct 2022 18:11

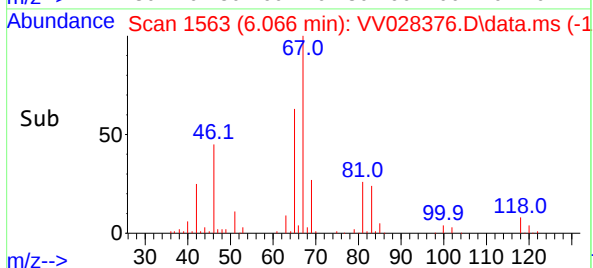
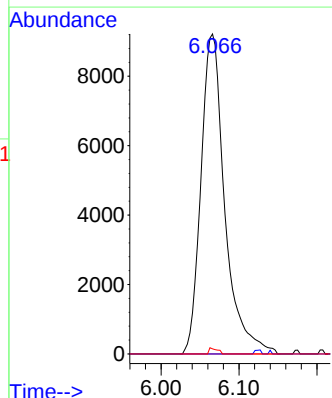
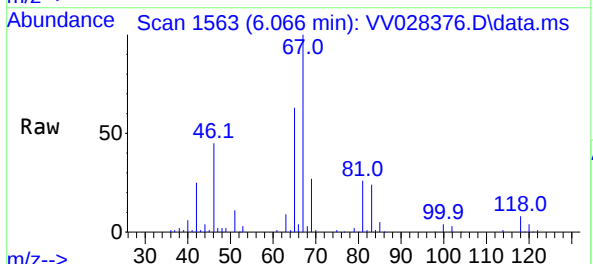
Tgt Ion: 83 Resp: 19562

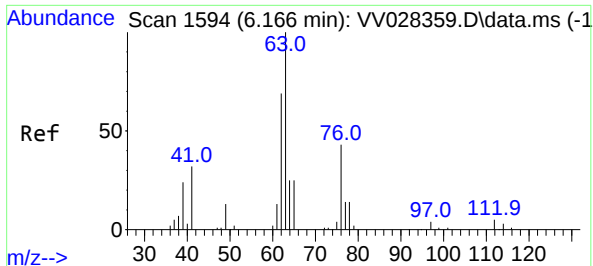
Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.7 39.5 59.3#

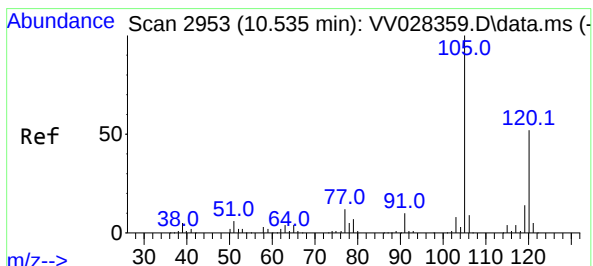
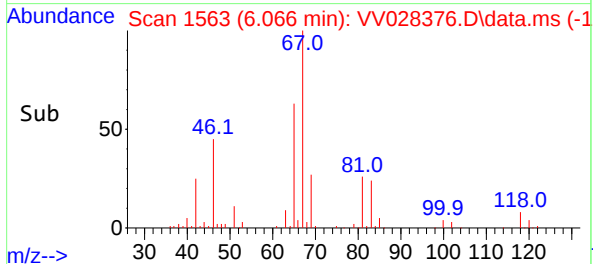
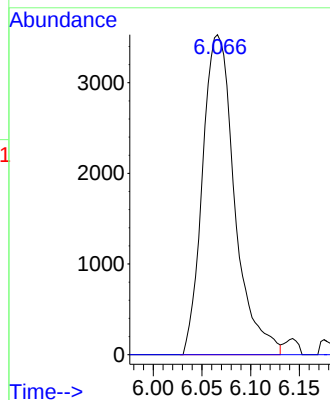
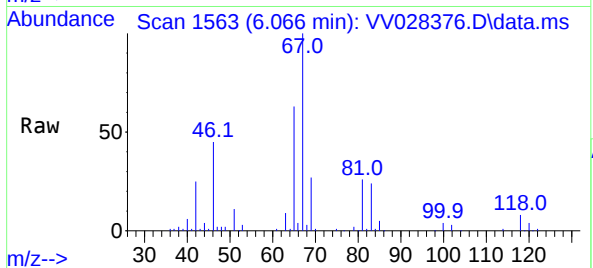




#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

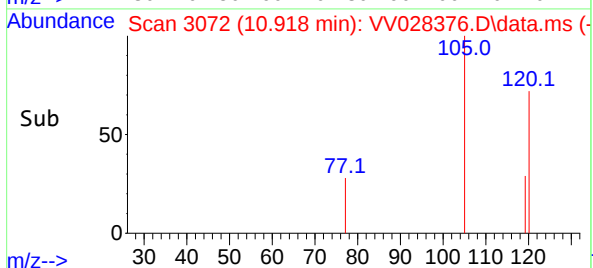
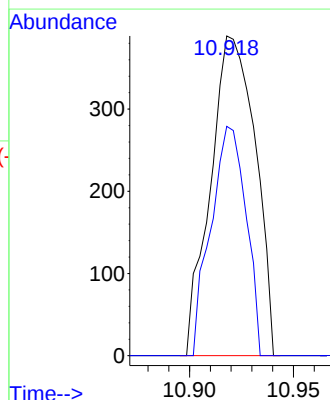
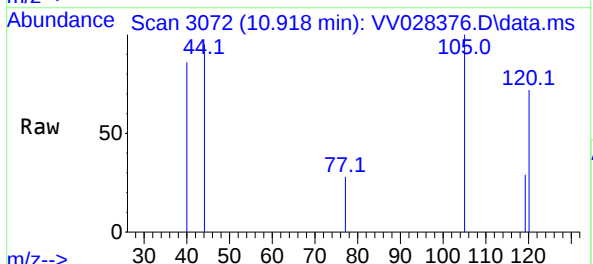
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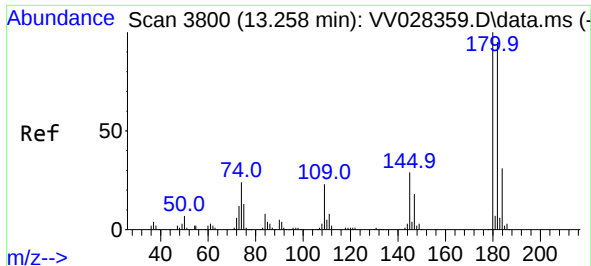
Tgt Ion: 63 Resp: 8100
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



#62
1,3,5-Trimethylbenzene
Concen: 0.038 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.383 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

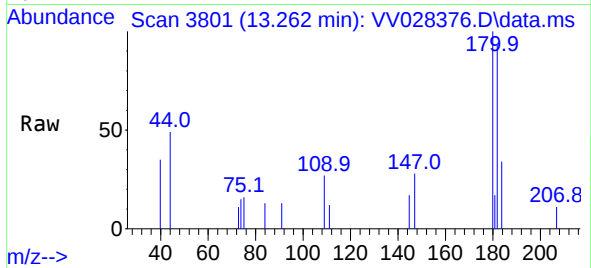
Tgt Ion: 105 Resp: 584
Ion Ratio Lower Upper
105 100
120 56.0 40.6 61.0



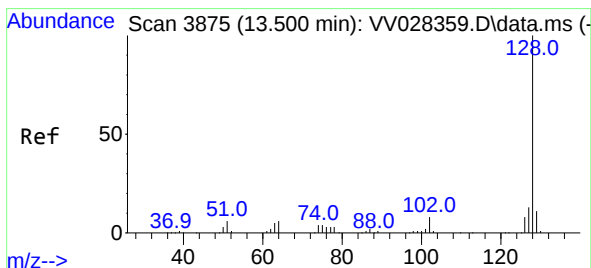
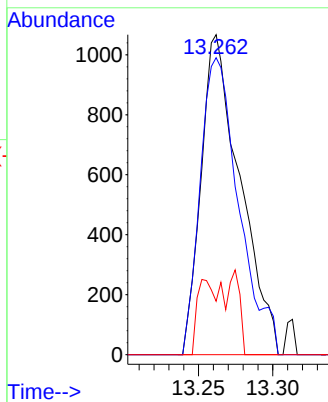
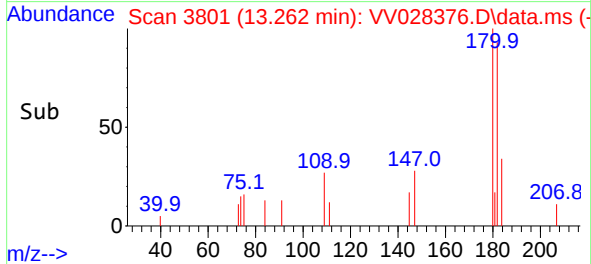


#70
1,2,4-trichlorobenzene
Concen: 0.123 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11

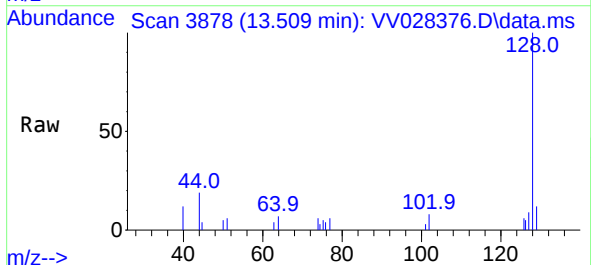
Instrument :
MSVOA_V
ClientSampleId :
VBLK249



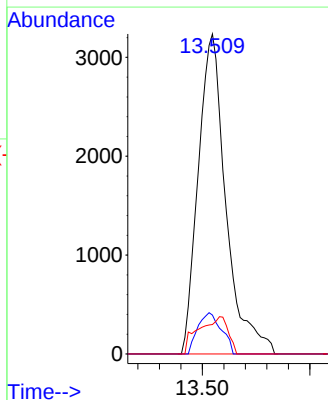
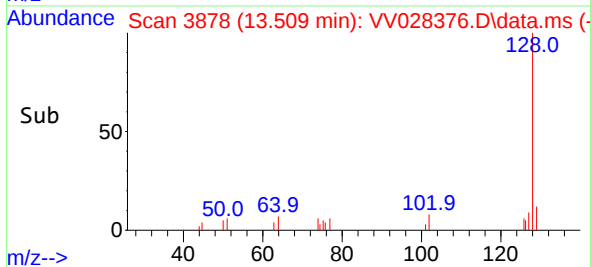
Tgt Ion:180 Resp: 1951
Ion Ratio Lower Upper
180 100
182 91.7 76.3 114.5
145 10.7 22.9 34.3#

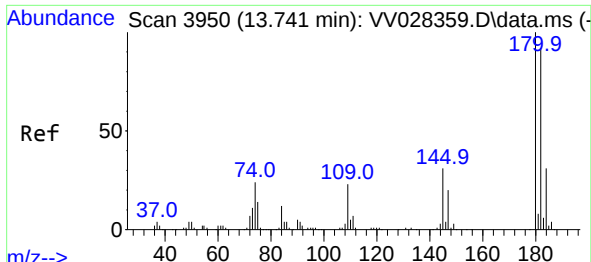


#71
Naphthalene
Concen: 0.233 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV028376.D
Acq: 05 Oct 2022 18:11



Tgt Ion:128 Resp: 5791
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.2
127 12.4 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.148 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: VV028376.D
 Acq: 05 Oct 2022 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK249

Tgt Ion:	180	Resp:	2118
Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.4	116.0
145	32.8	24.6	36.8

