

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092623\
 Data File : VD077224.D
 Acq On : 26 Sep 2023 17:13
 Operator : JC/SY
 Sample : VIBLK107
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK107

Quant Time: Sep 27 01:30:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

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

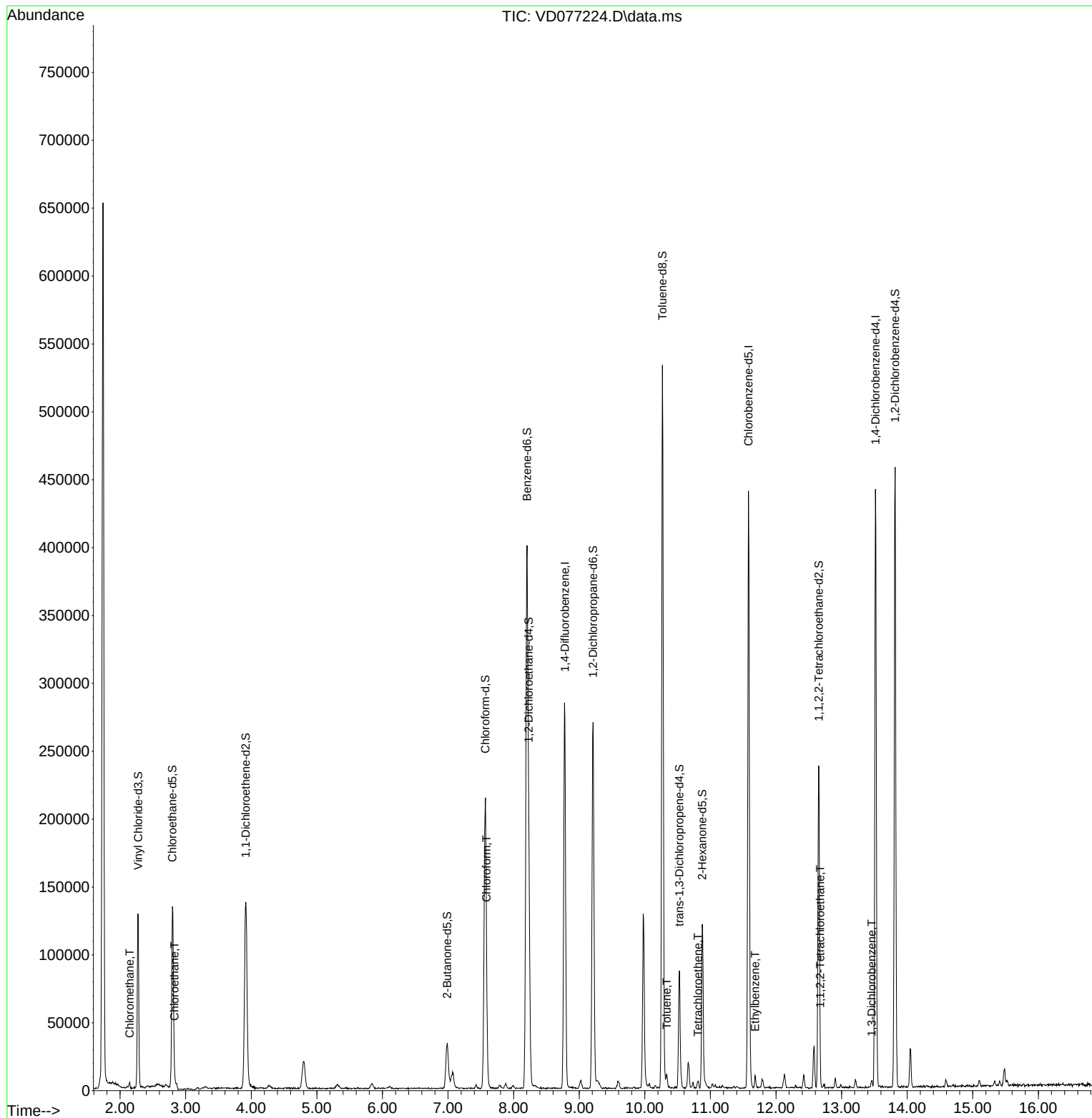
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	263936	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	264884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	125930	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	124295	17.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
7) Chloroethane-d5	2.799	69	139320	31.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.680%
11) 1,1-Dichloroethene-d2	3.917	65	39139	19.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	6.987	46	58014	45.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.740%
24) Chloroform-d	7.569	84	227894	22.898	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	8.228	65	112256	22.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.205	84	432626	22.485	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.210	67	141148	23.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	10.269	98	370196	21.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	10.528	79	50482	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.875	63	41365	43.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127858	23.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	125159	24.110	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						Qvalue
3) Chloromethane	2.146	50	1403	0.252	ug/L	87
8) Chloroethane	2.828	64	1529	0.470	ug/L #	81
25) Chloroform	7.587	83	5981	0.623	ug/L	83
42) Toluene	10.334	91	6144	0.291	ug/L	88
46) Tetrachloroethene	10.810	164	1198	0.309	ug/L #	53
52) Ethylbenzene	11.681	91	5822	0.255	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.675	83	2148	0.393	ug/L #	77
64) 1,3-Dichlorobenzene	13.457	146	3066	0.320	ug/L #	80

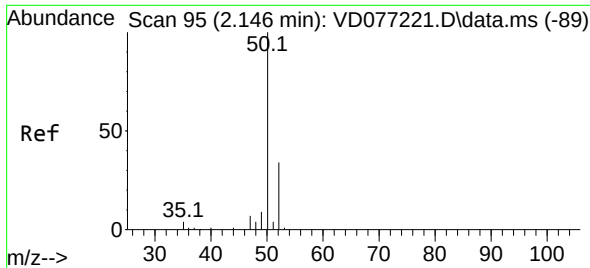
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Sep 25 23:07:59 2023
Response via : Initial Calibration

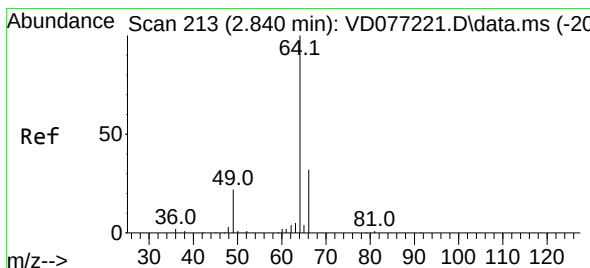
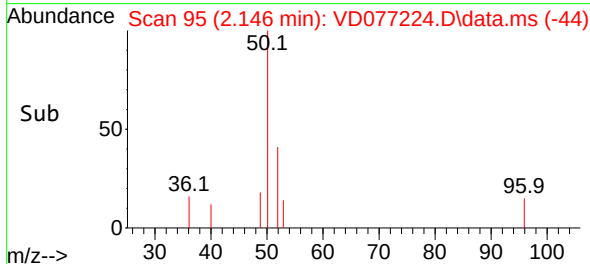
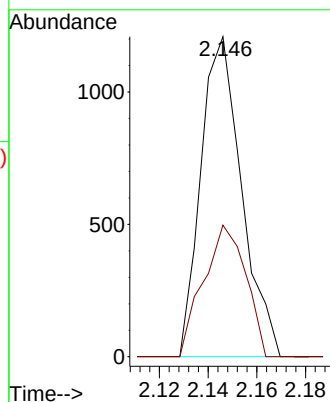
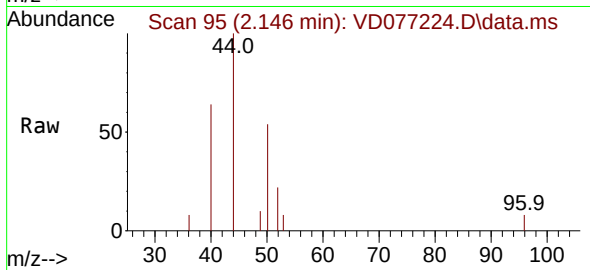




#3
Chloromethane
Concen: 0.252 ug/L
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

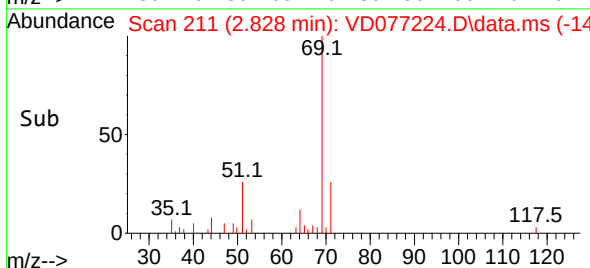
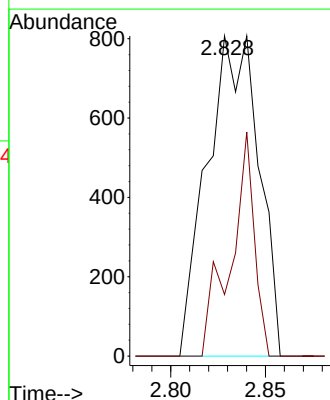
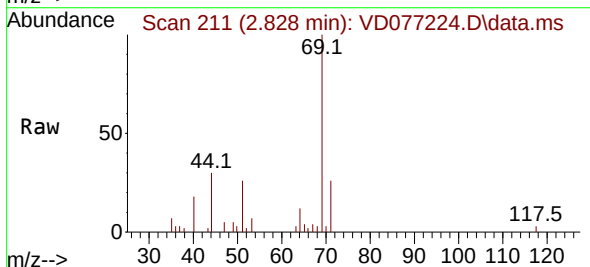
Instrument :
MSVOA_D
ClientSampleId :
VIBLK107

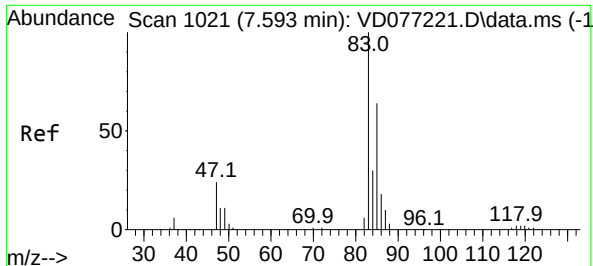
Tgt Ion: 50 Resp: 1403
Ion Ratio Lower Upper
50 100
52 41.1 23.6 43.8



#8
Chloroethane
Concen: 0.470 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

Tgt Ion: 64 Resp: 1529
Ion Ratio Lower Upper
64 100
66 19.2 20.8 38.6#





#25

Chloroform

Concen: 0.623 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD077224.D

Acq: 26 Sep 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

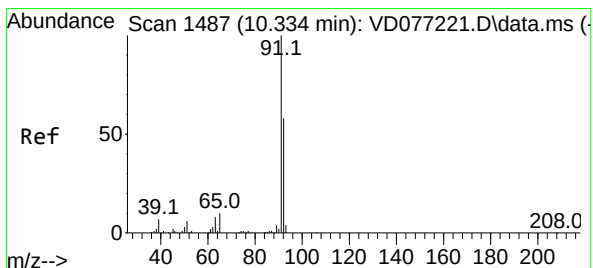
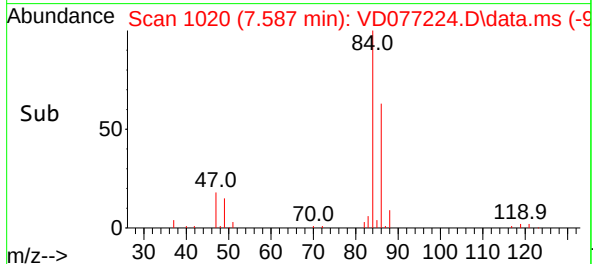
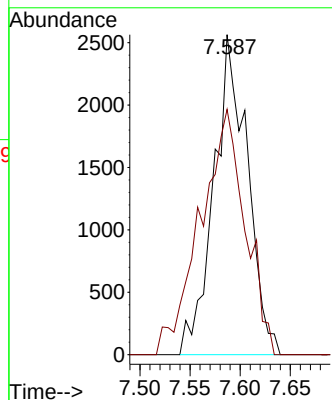
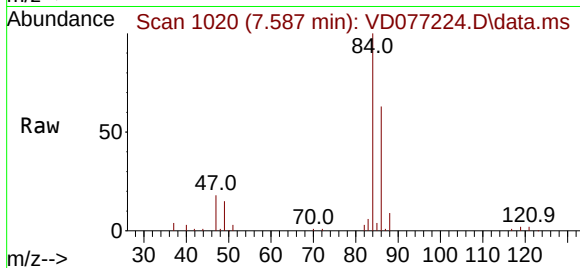
VIBLK107

Tgt Ion: 83 Resp: 5981

Ion Ratio Lower Upper

83 100

85 76.6 44.4 82.5



#42

Toluene

Concen: 0.291 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077224.D

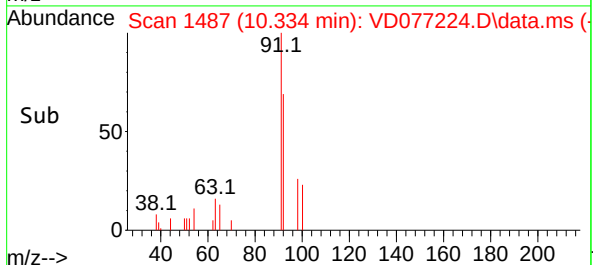
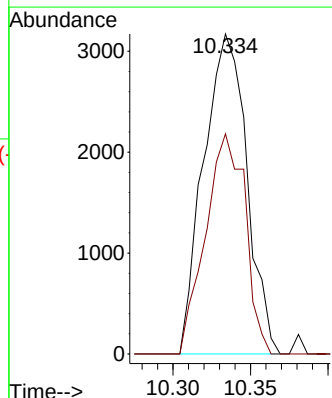
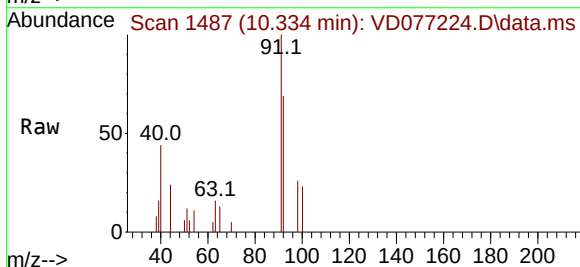
Acq: 26 Sep 2023 17:13

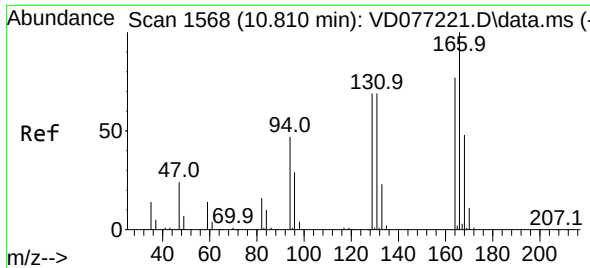
Tgt Ion: 91 Resp: 6144

Ion Ratio Lower Upper

91 100

92 68.8 41.6 77.3

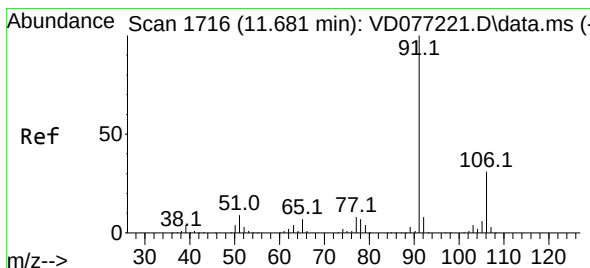
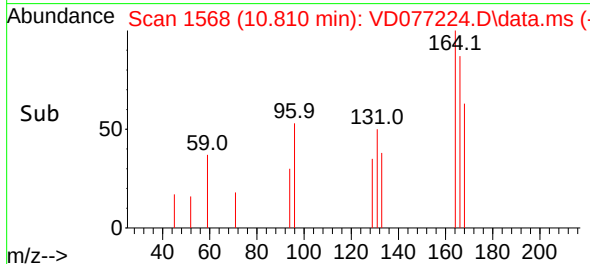
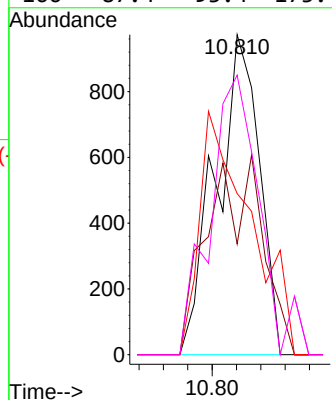
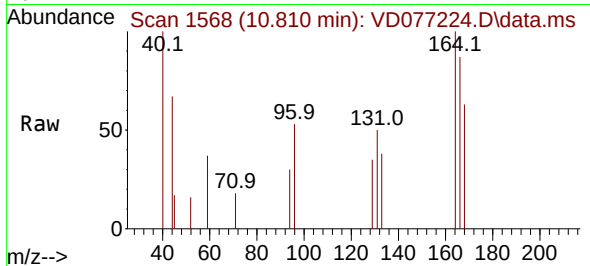




#46
Tetrachloroethene
Concen: 0.309 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

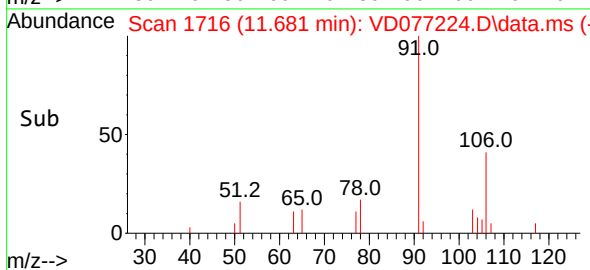
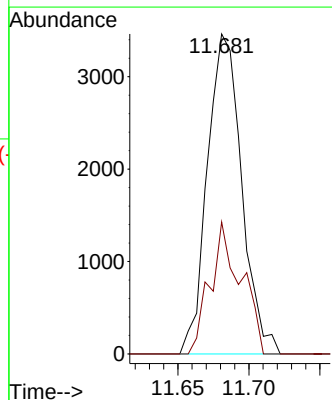
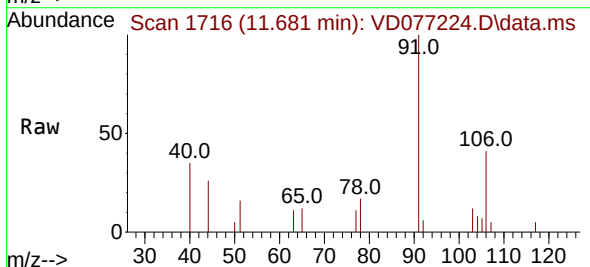
Instrument :
MSVOA_D
ClientSampleId :
VIBLK107

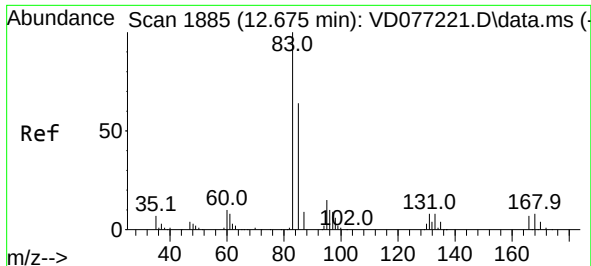
Tgt Ion:164	Resp:	1198
Ion	Ratio	Lower Upper
164	100	
129	34.6	66.1 122.8#
131	50.4	63.5 117.9#
166	87.4	93.4 173.4#



#52
Ethylbenzene
Concen: 0.255 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

Tgt Ion: 91	Resp:	5822
Ion	Ratio	Lower Upper
91	100	
106	41.2	23.2 43.0

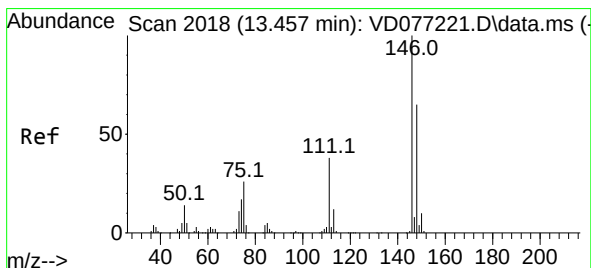
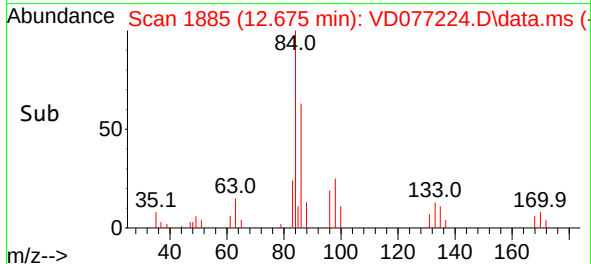
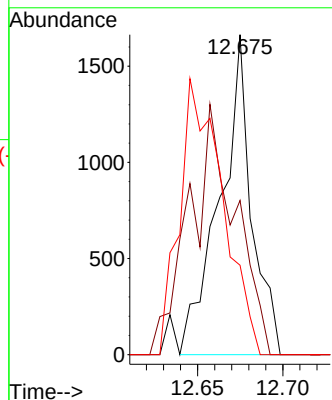
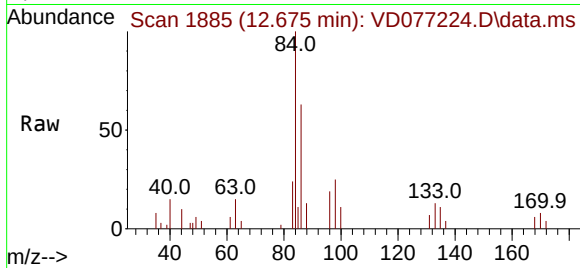




#57
1,1,2,2-Tetrachloroethane
Concen: 0.393 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

Instrument :
MSVOA_D
ClientSampleId :
VIBLK107

Tgt Ion: 83 Resp: 2148
Ion Ratio Lower Upper
83 100
85 48.2 44.0 81.8
131 27.9 7.7 11.5#



#64
1,3-Dichlorobenzene
Concen: 0.320 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077224.D
Acq: 26 Sep 2023 17:13

Tgt Ion:146 Resp: 3066
Ion Ratio Lower Upper
146 100
111 26.0 26.1 48.5#
148 48.5 45.3 84.1

