

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077110.D
 Acq On : 13 Sep 2023 17:41
 Operator : JC/SY
 Sample : 04417-06
 Misc : 6.61G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

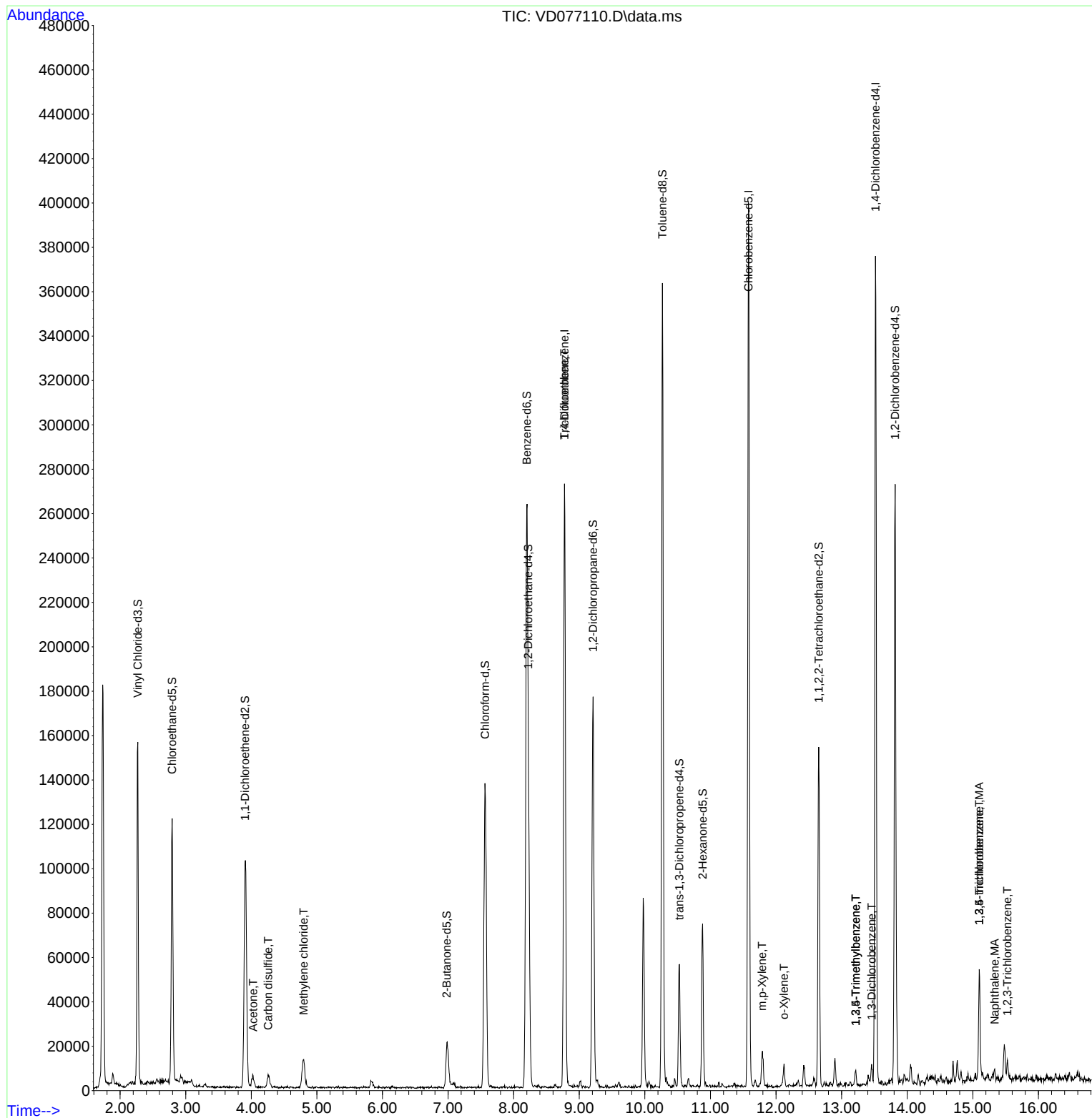
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	251659	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	243574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105926	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	135592	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.793	69	119768	23.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	3.905	65	28269	20.069	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.280%
21) 2-Butanone-d5	6.981	46	34061	43.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
24) Chloroform-d	7.563	84	152514	22.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.222	65	75803	23.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.920%
32) Benzene-d6	8.198	84	290874	21.622	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.210	67	89994	23.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.269	98	250117	20.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.240%
43) trans-1,3-Dichloroprop...	10.528	79	32883	18.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.840%
47) 2-Hexanone-d5	10.881	63	25472	41.339	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80026	23.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	74890	22.027	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	8181	7.300	ug/L	69
14) Carbon disulfide	4.257	76	11518	1.053	ug/L	99
16) Methylene chloride	4.799	84	7874	1.537	ug/L	91
34) Trichloroethene	8.775	95	7181	1.851	ug/L #	4
53) m,p-Xylene	11.786	106	4283	0.647	ug/L	88
54) o-Xylene	12.122	106	3173	0.496	ug/L	64
62) 1,3,5-Trimethylbenzene	13.216	105	4606	0.436	ug/L	88
63) 1,2,4-Trimethylbenzene	13.216	105	4606	0.445	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	2790	0.429	ug/L #	74
69) 1,3,5-Trichlorobenzene	15.098	180	16796	3.919	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	16796	4.578	ug/L	94
71) Naphthalene	15.333	128	4933	0.673	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.527	180	1508	0.448	ug/L #	80

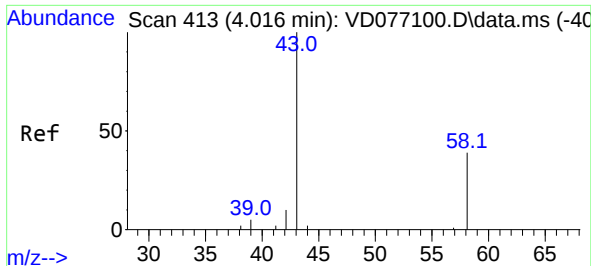
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.300 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD077110.D

Acq: 13 Sep 2023 17:41

Instrument :

MSVOA_D

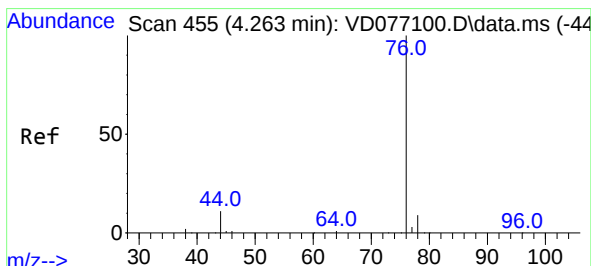
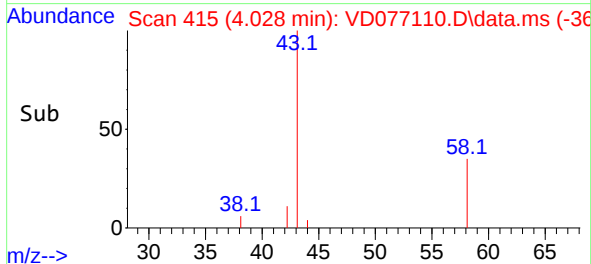
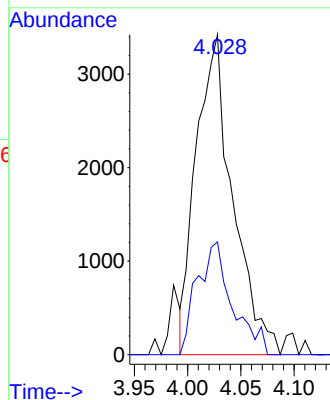
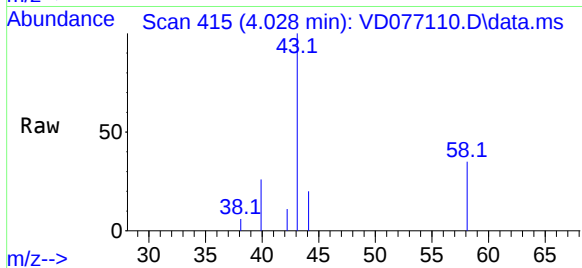
ClientSampleId :

Tgt Ion: 43 Resp: 8181

Ion Ratio Lower Upper

43 100

58 17.5 0.0 71.8



#14

Carbon disulfide

Concen: 1.053 ug/L

RT: 4.257 min Scan# 454

Delta R.T. -0.012 min

Lab File: VD077110.D

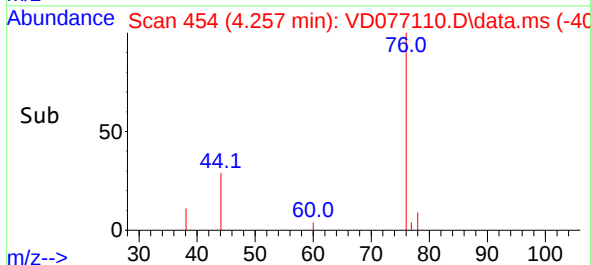
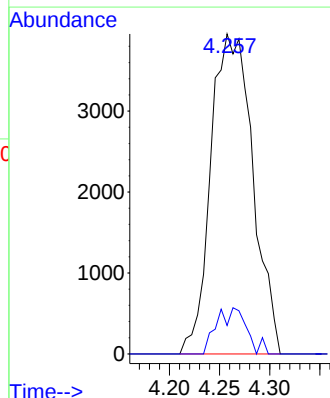
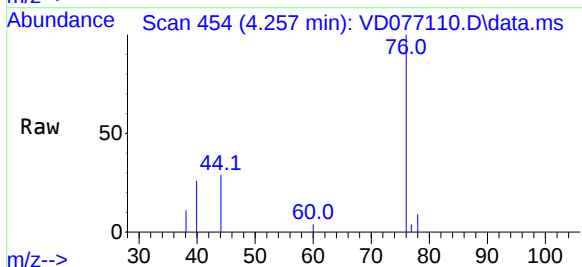
Acq: 13 Sep 2023 17:41

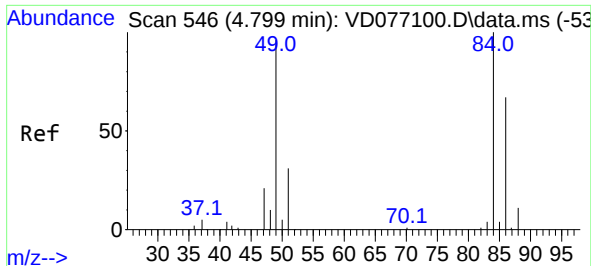
Tgt Ion: 76 Resp: 11518

Ion Ratio Lower Upper

76 100

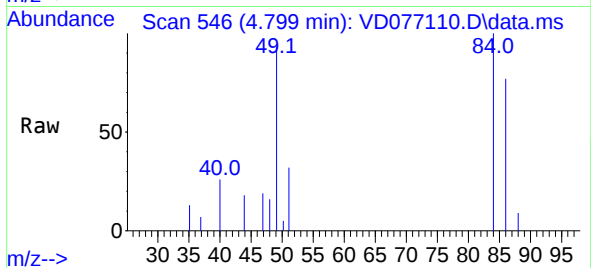
78 8.9 7.5 11.3





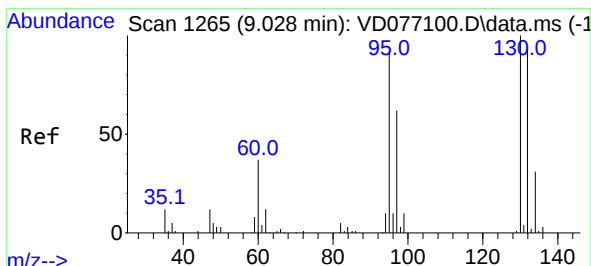
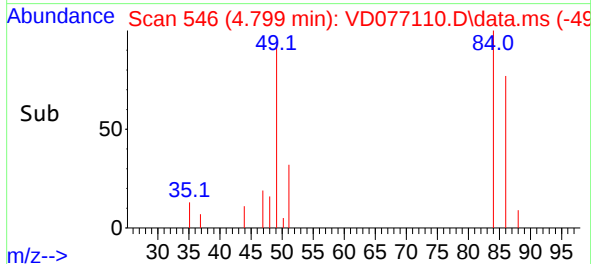
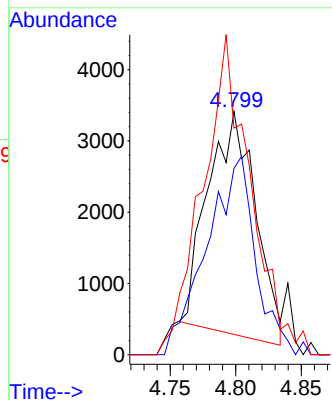
#16
Methylene chloride
Concen: 1.537 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 7874

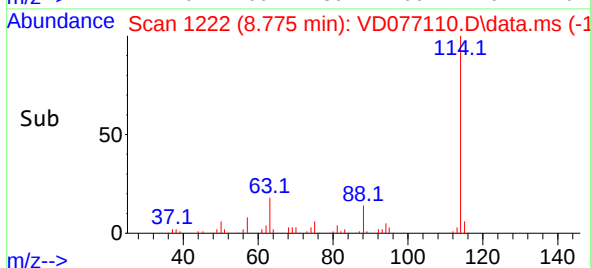
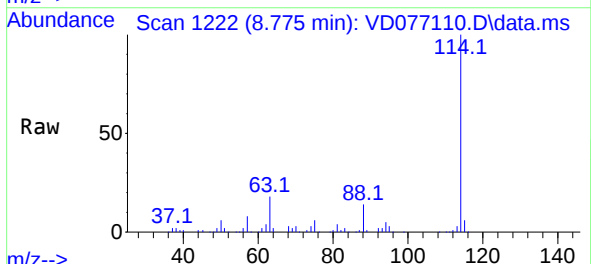
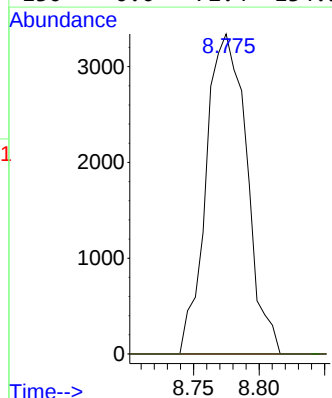
Ion	Ratio	Lower	Upper
84	100		
86	76.6	45.3	84.1
49	93.2	69.2	128.6

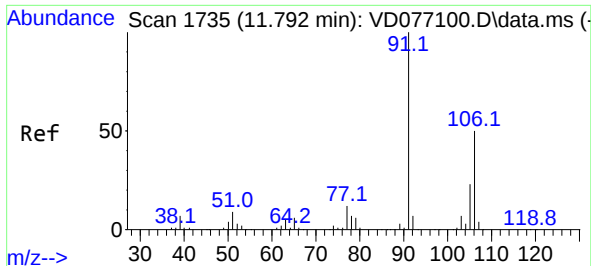


#34
Trichloroethene
Concen: 1.851 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

Tgt Ion: 95 Resp: 7181

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.4	86.2#
132	0.0	70.1	130.1#
130	0.0	72.4	134.5#

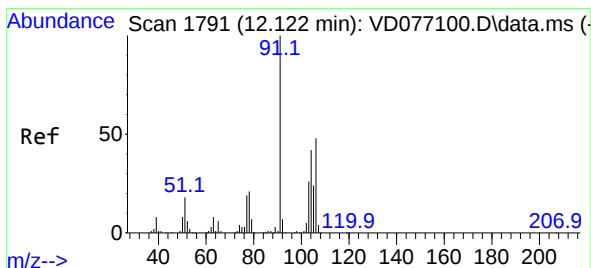
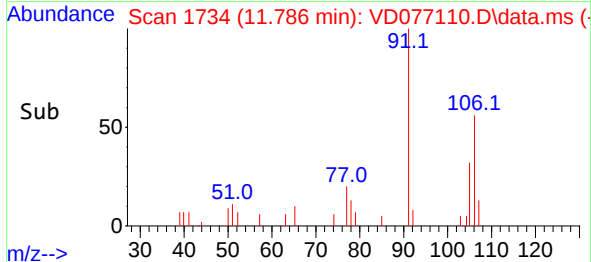
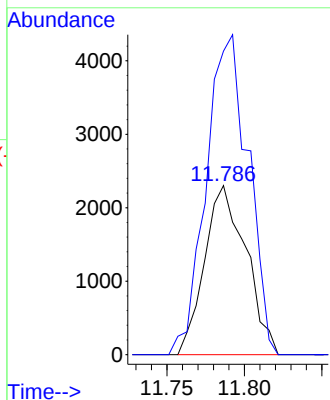
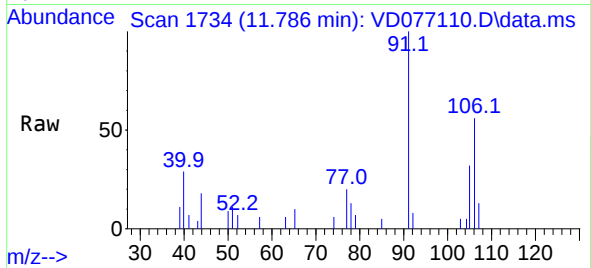




#53
m,p-Xylene
Concen: 0.647 ug/L
RT: 11.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

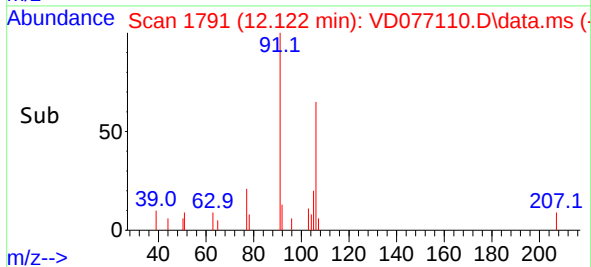
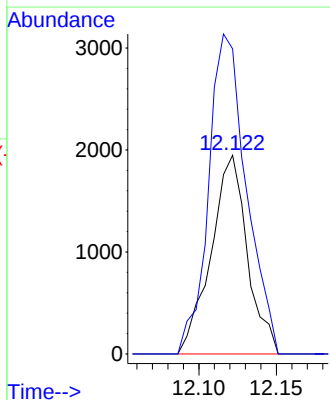
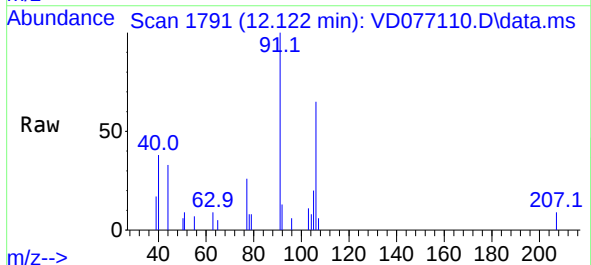
Instrument :
MSVOA_D
ClientSampleId :

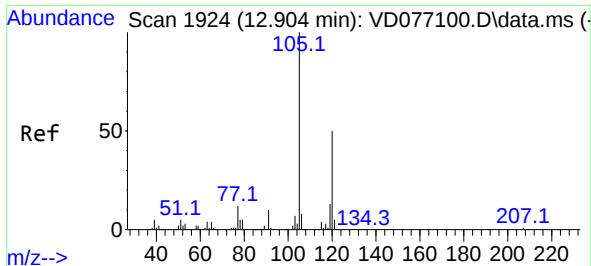
Tgt Ion:106 Resp: 4283
Ion Ratio Lower Upper
106 100
91 179.5 138.2 256.6



#54
o-Xylene
Concen: 0.496 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

Tgt Ion:106 Resp: 3173
Ion Ratio Lower Upper
106 100
91 153.5 146.9 272.7

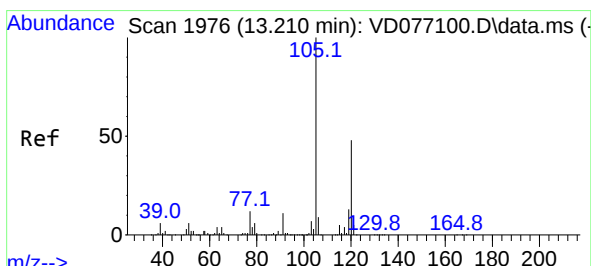
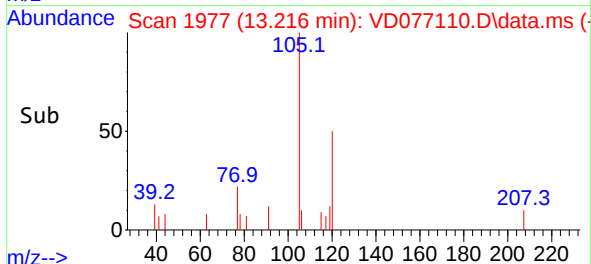
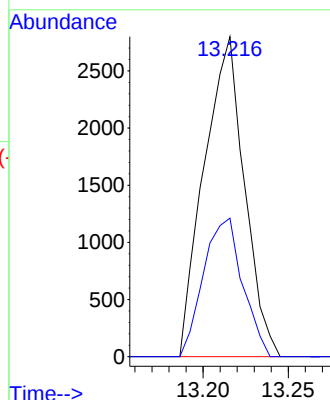
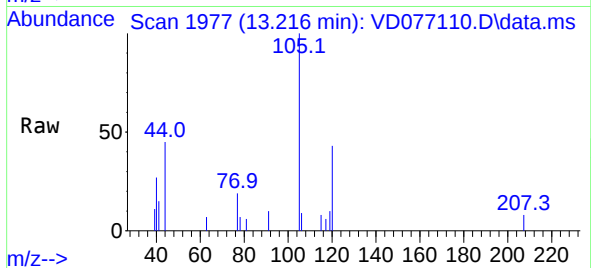




#62
1,3,5-Trimethylbenzene
Concen: 0.436 ug/L
RT: 13.216 min Scan# 1924
Delta R.T. 0.312 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

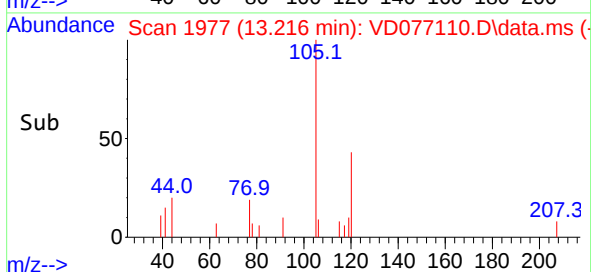
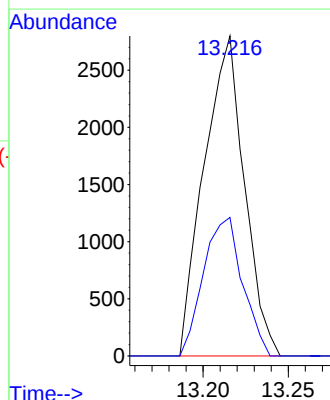
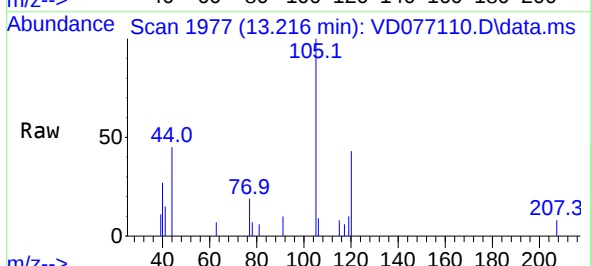
Instrument :
MSVOA_D
ClientSampleId :

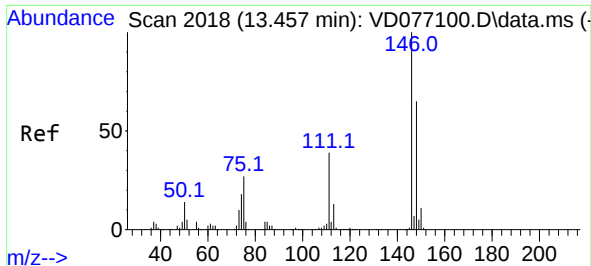
Tgt Ion:105 Resp: 4606
Ion Ratio Lower Upper
105 100
120 42.0 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 0.445 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

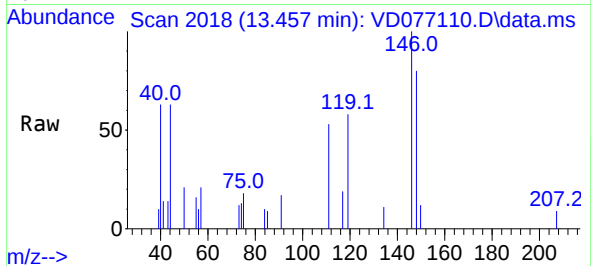
Tgt Ion:105 Resp: 4606
Ion Ratio Lower Upper
105 100
120 42.0 37.8 56.8



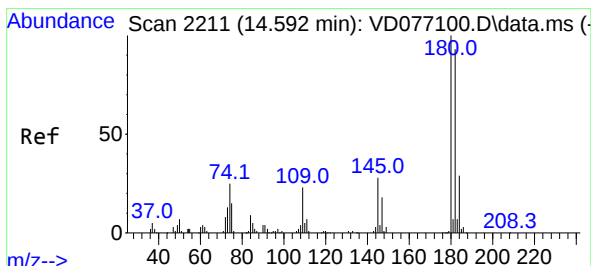
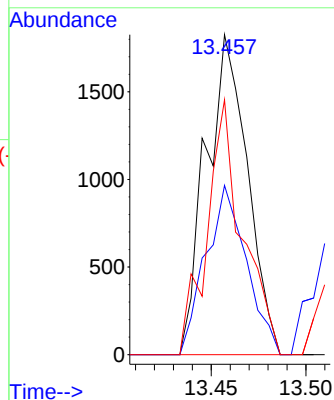
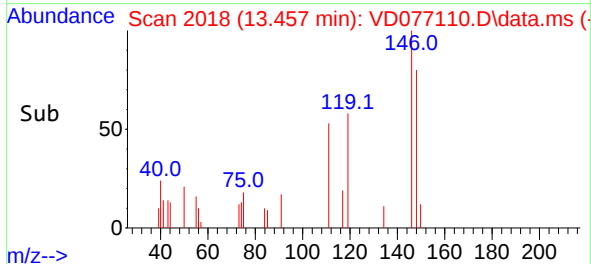


#64
1,3-Dichlorobenzene
Concen: 0.429 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

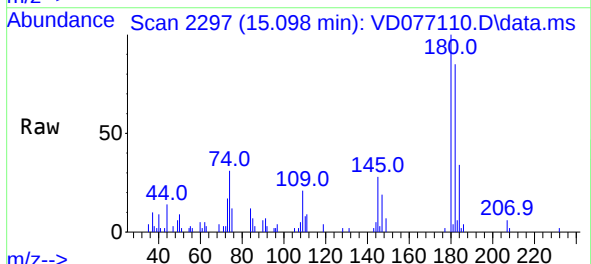
Instrument :
MSVOA_D
ClientSampleId :



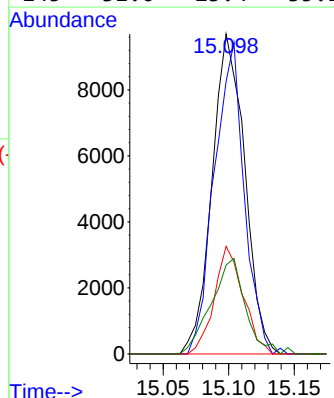
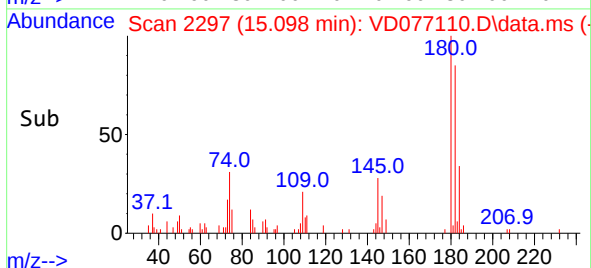
Tgt Ion:146 Resp: 2790
Ion Ratio Lower Upper
146 100
111 52.9 25.2 46.8#
148 79.6 42.7 79.3#

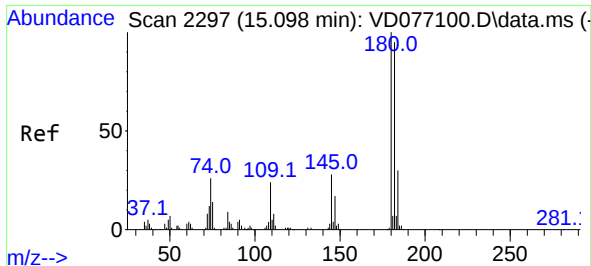


#69
1,3,5-Trichlorobenzene
Concen: 3.919 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.506 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41



Tgt Ion:180 Resp: 16796
Ion Ratio Lower Upper
180 100
182 88.7 77.0 115.4
184 29.8 24.2 36.2
145 31.0 23.4 35.2

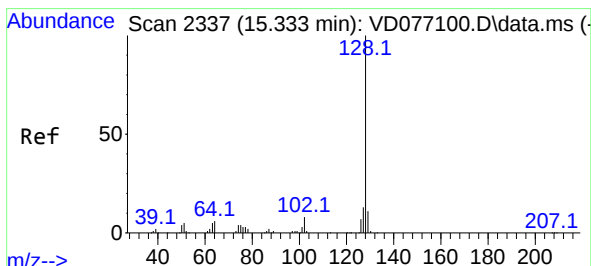
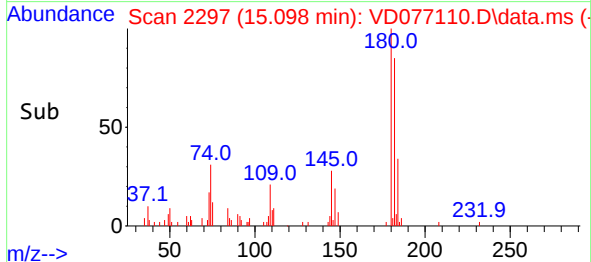
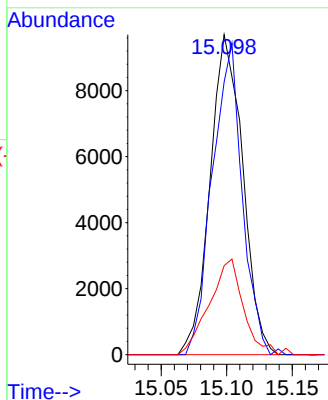
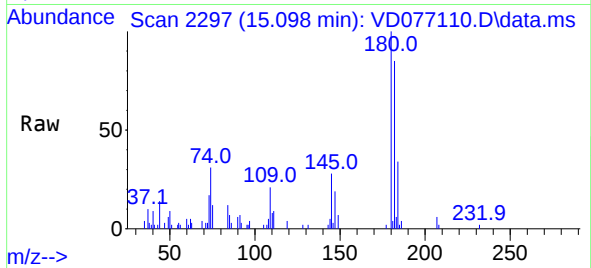




#70
1,2,4-trichlorobenzene
Concen: 4.578 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

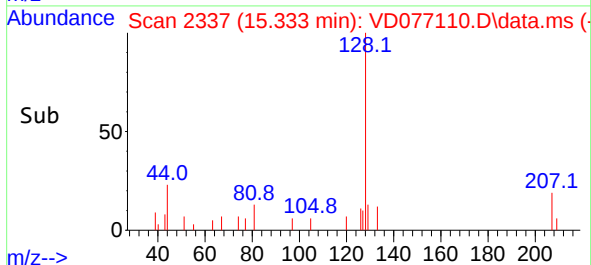
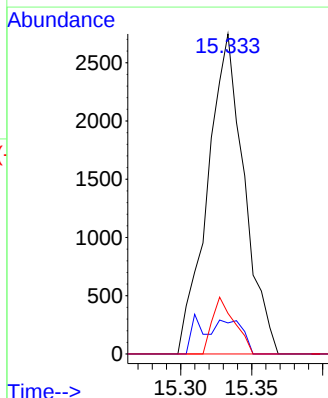
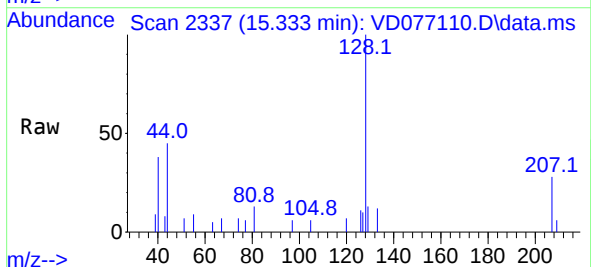
Instrument :
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ClientSampleId :

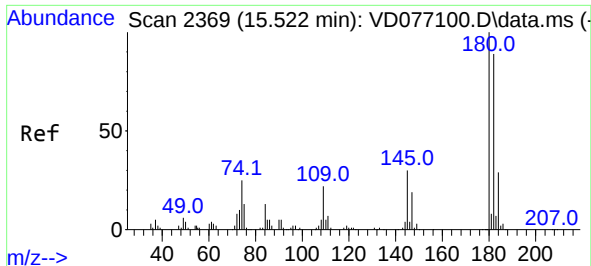
Tgt Ion:	180	Resp:	16796
Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.3	114.5
145	31.0	23.8	35.8



#71
Naphthalene
Concen: 0.673 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077110.D
Acq: 13 Sep 2023 17:41

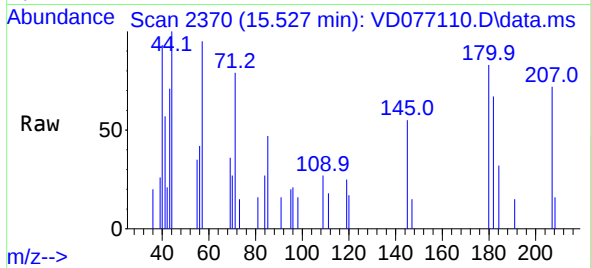
Tgt Ion:	128	Resp:	4933
Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.6	16.0#
129	10.8	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.448 ug/L
 RT: 15.527 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077110.D
 Acq: 13 Sep 2023 17:41

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 1508
 Ion Ratio Lower Upper
 180 100
 182 102.3 76.6 115.0
 145 65.1 25.4 38.2#

