

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091624\
 Data File : VD079841.D
 Acq On : 16 Sep 2024 12:21
 Operator : RP/MD
 Sample : VD0916SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 04:25:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

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

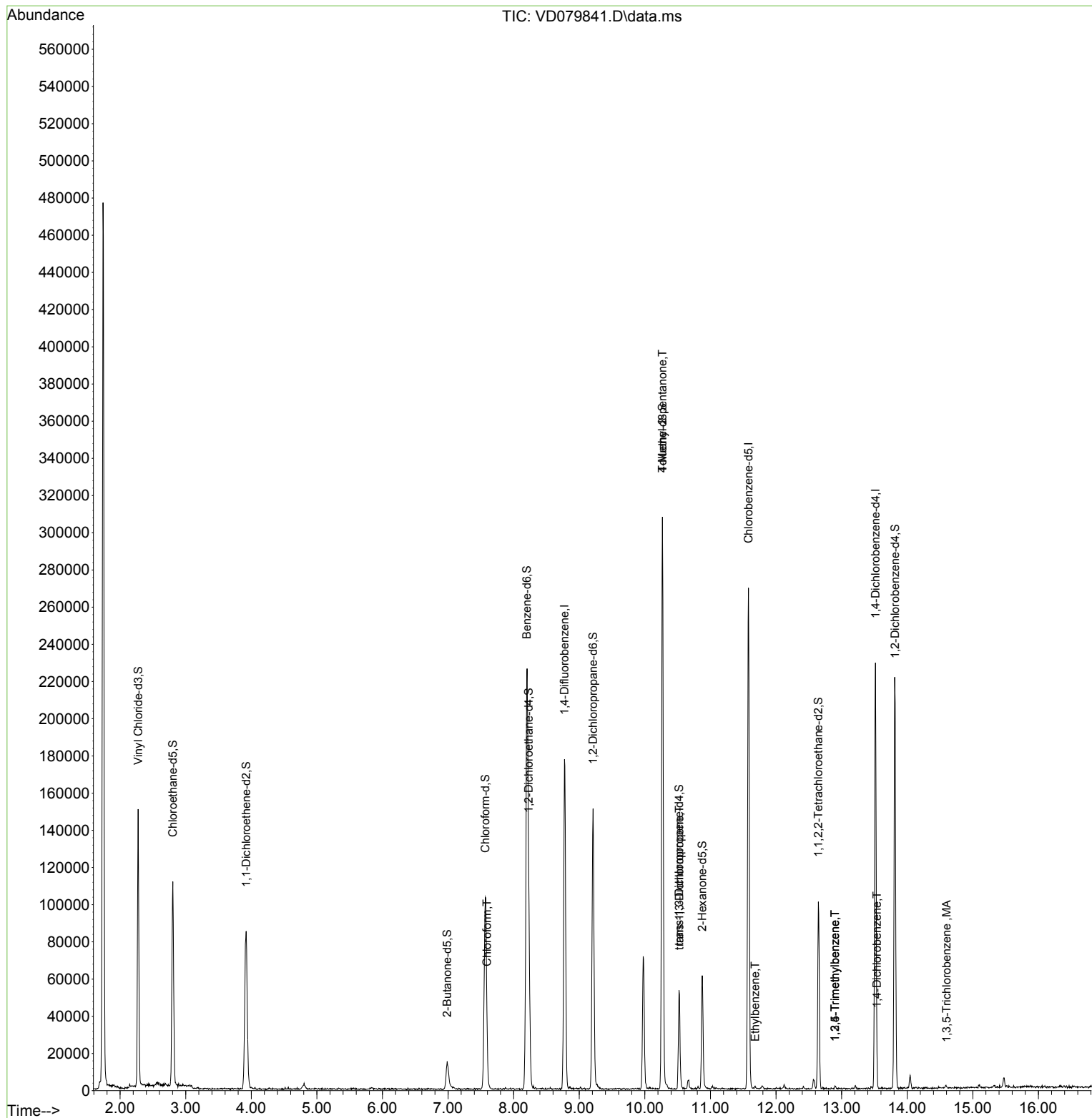
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	152360	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	152056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	59256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	134308	20.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.805	69	111881	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	3.922	65	25794	21.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	6.987	46	25512	41.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.900%
24) Chloroform-d	7.569	84	110081	21.980	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.920%
26) 1,2-Dichloroethane-d4	8.228	65	59765	22.820	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.198	84	234673	21.860	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	9.210	67	75541	22.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.269	98	213403	22.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	10.522	79	29768	21.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.240%
47) 2-Hexanone-d5	10.875	63	21485	40.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.180%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	51451	21.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	56574	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						Qvalue
25) Chloroform	7.593	83	5014	0.983	ug/L #	66
40) 4-Methyl-2-pentanone	10.269	43	836	0.517	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	1770	0.463	ug/L	96
52) Ethylbenzene	11.681	91	1331	0.106	ug/L	93
62) 1,3,5-Trimethylbenzene	12.898	105	1155	0.154	ug/L #	83
63) 1,2,4-Trimethylbenzene	12.898	105	1155	0.147	ug/L	86
65) 1,4-Dichlorobenzene	13.539	146	925	0.209	ug/L #	61
69) 1,3,5-Trichlorobenzene	14.598	180	773	0.302	ug/L #	77

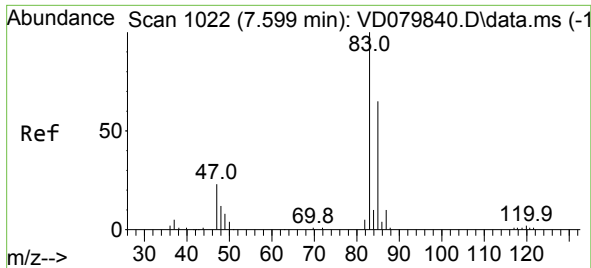
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 04:25:57 2024
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Quant Title : SFAM01.0
QLast Update : Tue Sep 17 04:25:03 2024
Response via : Initial Calibration

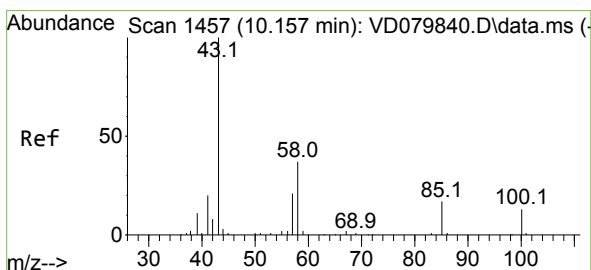
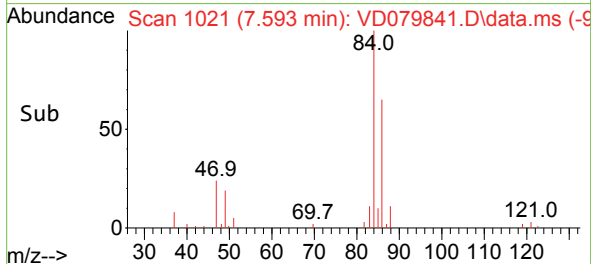
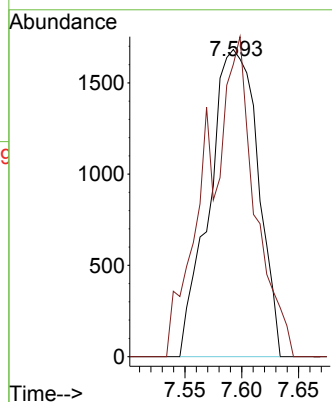
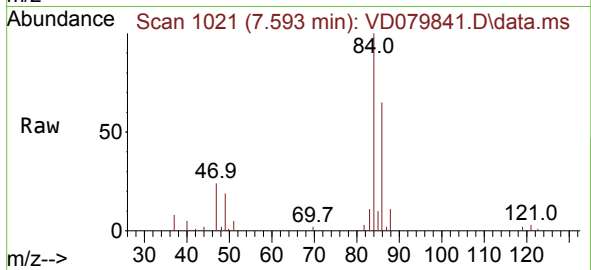




#25
Chloroform
Concen: 0.983 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079841.D
Acq: 16 Sep 2024 12:21

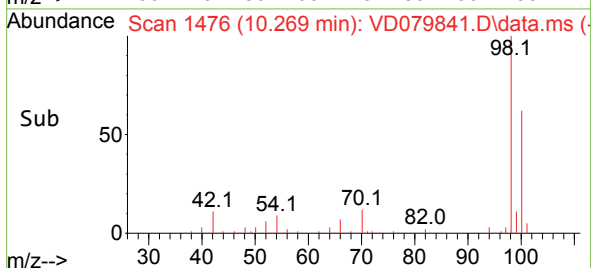
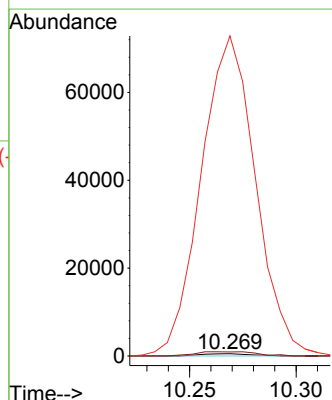
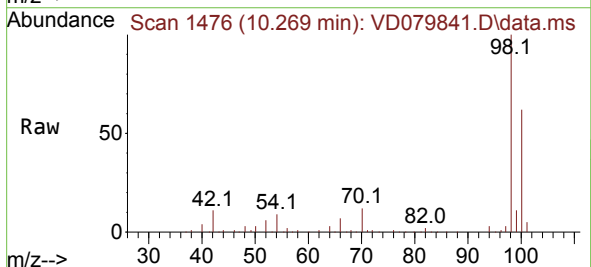
Instrument :
MSVOA_D
ClientSampleId :

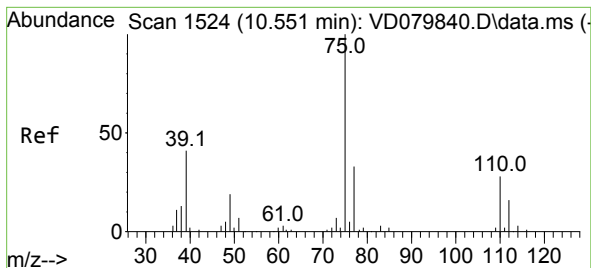
Tgt Ion: 83 Resp: 5014
Ion Ratio Lower Upper
83 100
85 95.1 47.3 87.9#



#40
4-Methyl-2-pentanone
Concen: 0.517 ug/L
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD079841.D
Acq: 16 Sep 2024 12:21

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 145.1 31.1 46.7#
100 15527.9 11.8 17.6#





#44

trans-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD079841.D

Acq: 16 Sep 2024 12:21

Instrument :

MSVOA_D

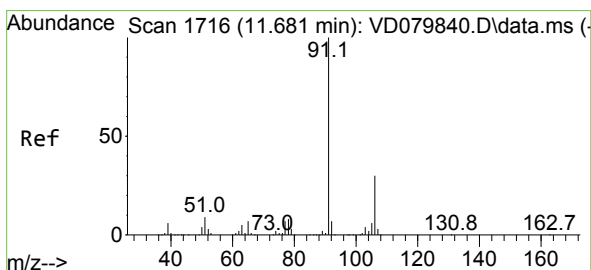
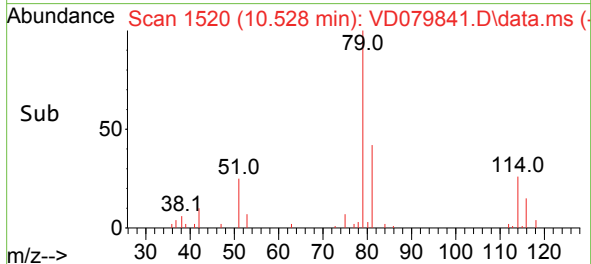
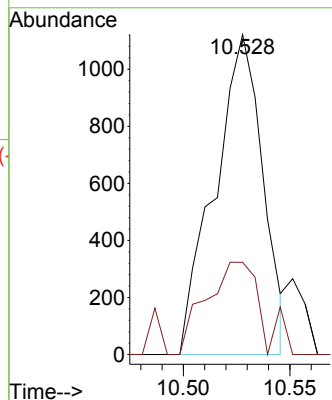
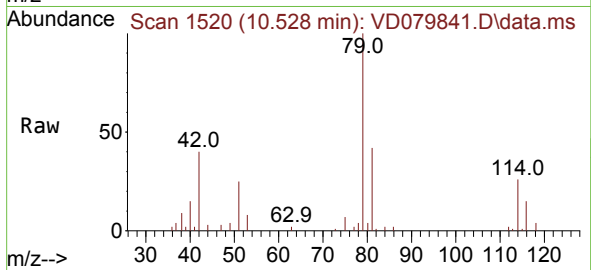
ClientSampleId :

Tgt Ion: 75 Resp: 1770

Ion Ratio Lower Upper

75 100

77 28.8 21.8 40.4



#52

Ethylbenzene

Concen: 0.106 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079841.D

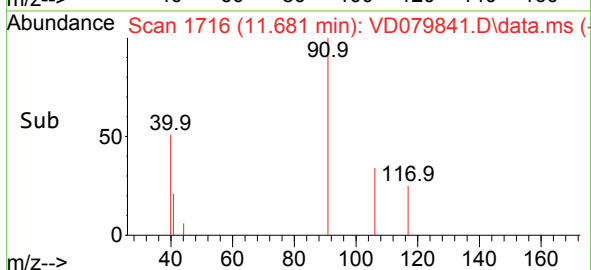
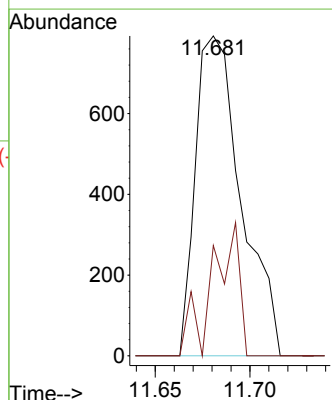
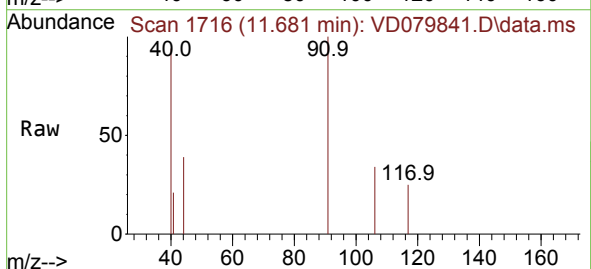
Acq: 16 Sep 2024 12:21

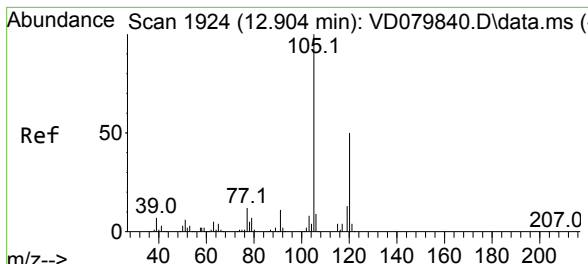
Tgt Ion: 91 Resp: 1331

Ion Ratio Lower Upper

91 100

106 34.5 21.3 39.5

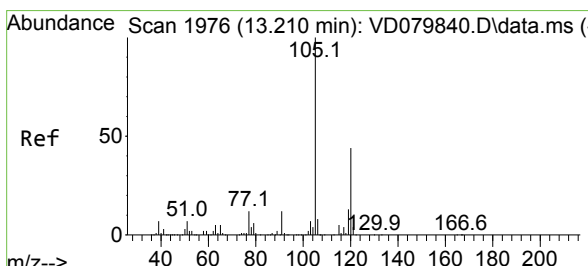
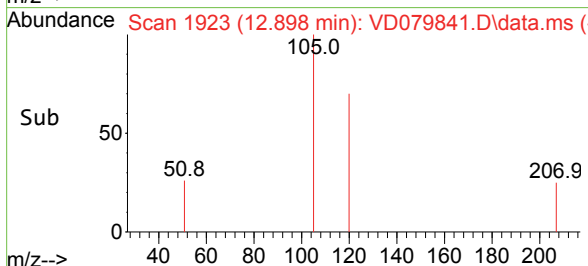
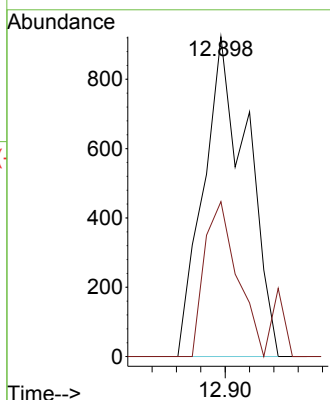
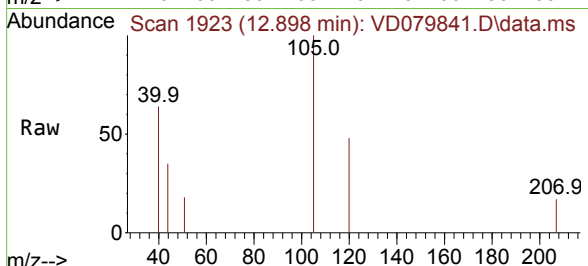




#62
 1,3,5-Trimethylbenzene
 Concen: 0.154 ug/L
 RT: 12.898 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VD079841.D
 Acq: 16 Sep 2024 12:21

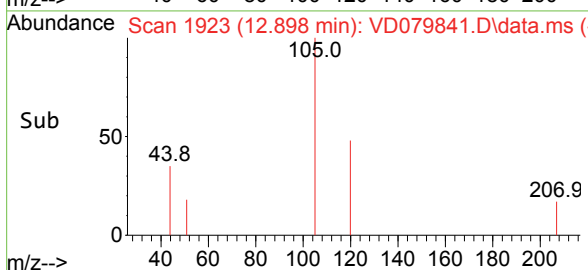
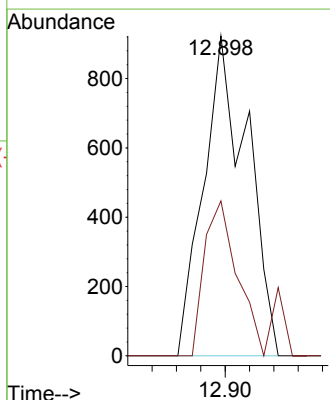
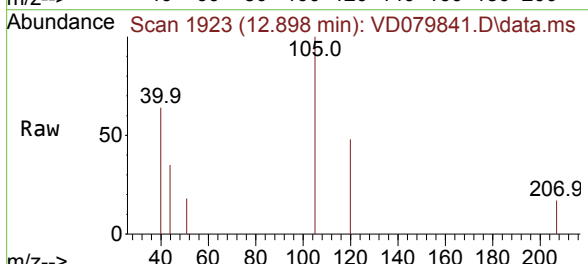
Instrument :
 MSVOA_D
 ClientSampleId :

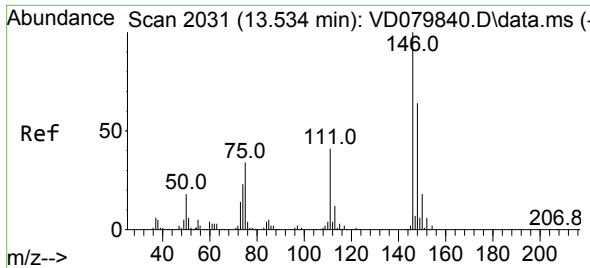
Tgt Ion:105 Resp: 1155
 Ion Ratio Lower Upper
 105 100
 120 36.4 38.3 57.5#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.147 ug/L
 RT: 12.898 min Scan# 1923
 Delta R.T. -0.312 min
 Lab File: VD079841.D
 Acq: 16 Sep 2024 12:21

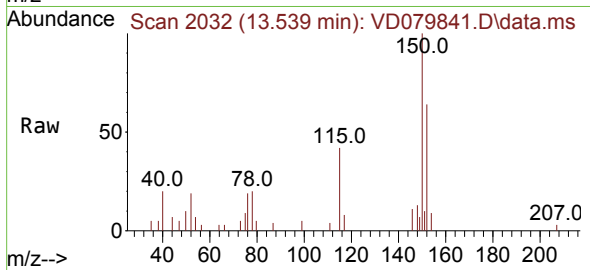
Tgt Ion:105 Resp: 1155
 Ion Ratio Lower Upper
 105 100
 120 36.4 36.3 54.5



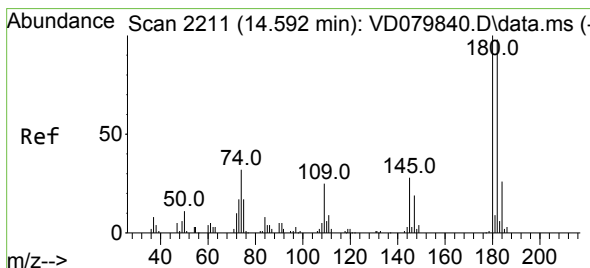
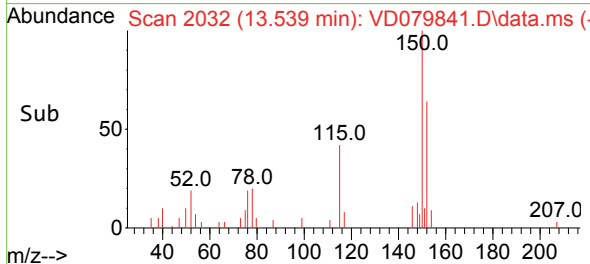
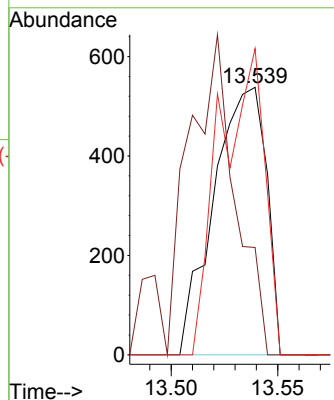


#65
1,4-Dichlorobenzene
Concen: 0.209 ug/L
RT: 13.539 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VD079841.D
Acq: 16 Sep 2024 12:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:146 Resp: 925
Ion Ratio Lower Upper
146 100
111 40.1 27.6 51.4
148 114.5 46.1 85.7#



#69
1,3,5-Trichlorobenzene
Concen: 0.302 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.006 min
Lab File: VD079841.D
Acq: 16 Sep 2024 12:21

Tgt Ion:180 Resp: 773
Ion Ratio Lower Upper
180 100
182 74.3 72.6 109.0
184 0.0 24.2 36.2#
145 26.0 24.7 37.1

