

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079831.D
 Acq On : 13 Sep 2024 11:18
 Operator : RP/MD
 Sample : VD0913SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 23:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

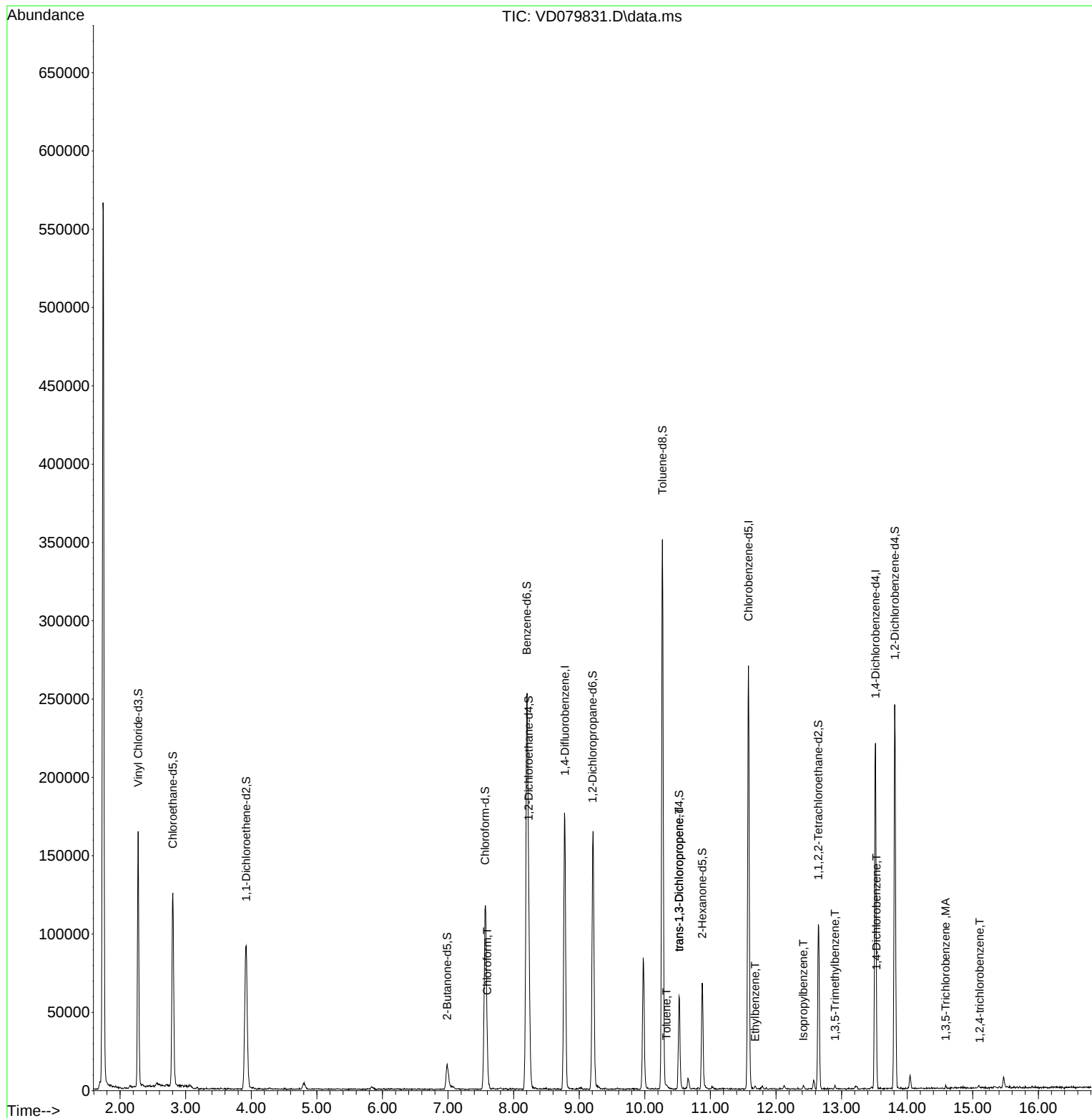
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	154882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	150909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	57443	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	149055	22.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
7) Chloroethane-d5	2.805	69	128914	24.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.720%
11) 1,1-Dichloroethene-d2	3.922	65	27803	22.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	6.987	46	27240	43.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.060%
24) Chloroform-d	7.563	84	122184	23.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.228	65	68359	25.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.720%
32) Benzene-d6	8.199	84	269532	25.298	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	9.204	67	83891	25.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	10.269	98	242614	25.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	10.522	79	33761	24.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	10.875	63	23654	44.470	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.940%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	55441	23.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.480%
66) 1,2-Dichlorobenzene-d4	13.810	152	61387	28.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.360%
Target Compounds						
25) Chloroform	7.599	83	9427	1.818	ug/L	92
42) Toluene	10.328	91	1602	0.135	ug/L	80
44) trans-1,3-Dichloropropene	10.522	75	1779	0.469	ug/L	94
52) Ethylbenzene	11.681	91	1606	0.129	ug/L	99
60) Isopropylbenzene	12.416	105	1504	0.152	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.898	105	1075	0.148	ug/L #	65
65) 1,4-Dichlorobenzene	13.534	146	766	0.178	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.587	180	453	0.182	ug/L #	53
70) 1,2,4-trichlorobenzene	15.104	180	658	0.314	ug/L #	60

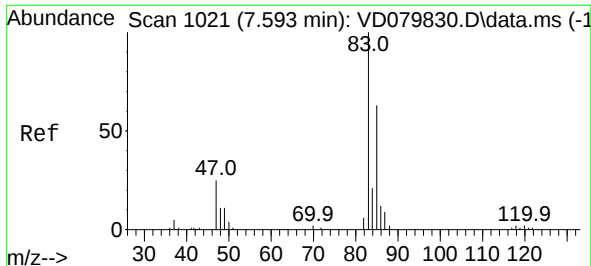
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 23:50:22 2024
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Quant Title : SFAM01.0
QLast Update : Fri Sep 13 23:49:48 2024
Response via : Initial Calibration

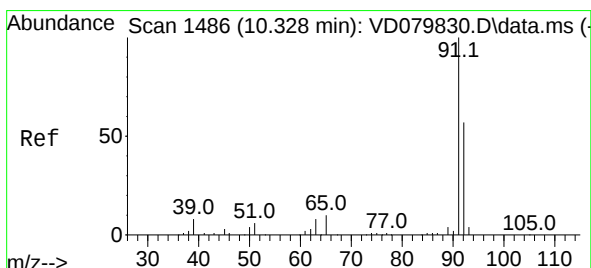
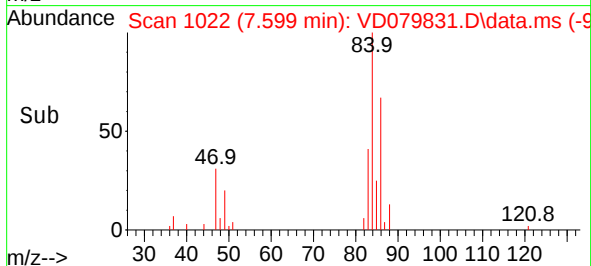
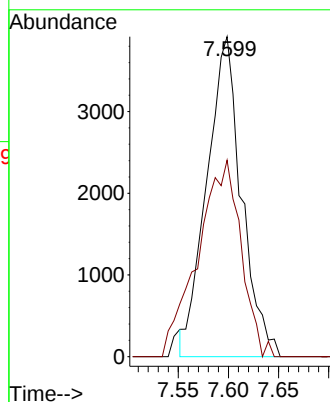
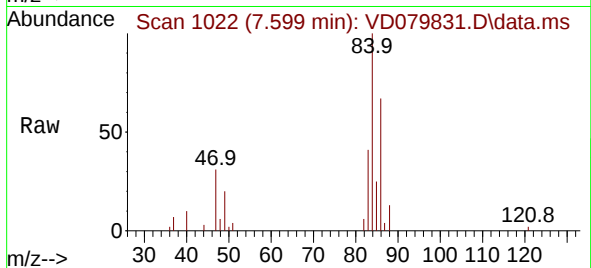




#25
Chloroform
Concen: 1.818 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

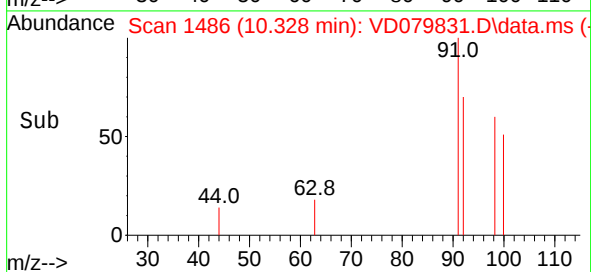
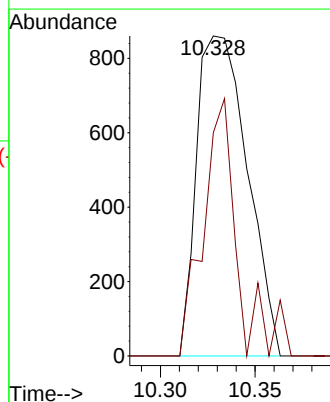
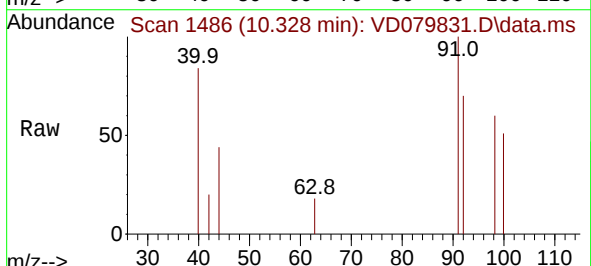
Instrument :
MSVOA_D
ClientSampleId :

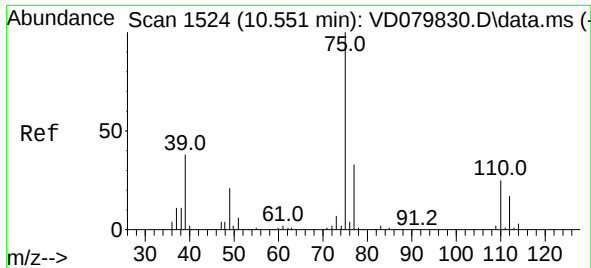
Tgt Ion: 83 Resp: 9427
Ion Ratio Lower Upper
83 100
85 61.4 47.3 87.9



#42
Toluene
Concen: 0.135 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

Tgt Ion: 91 Resp: 1602
Ion Ratio Lower Upper
91 100
92 69.8 38.6 71.8

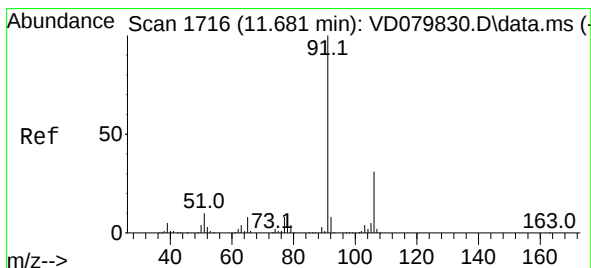
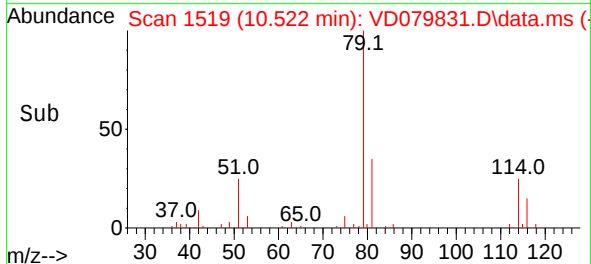
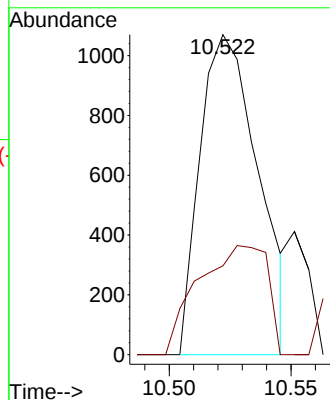
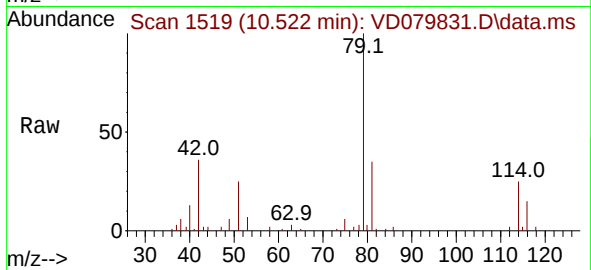




#44
trans-1,3-Dichloropropene
Concen: 0.469 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

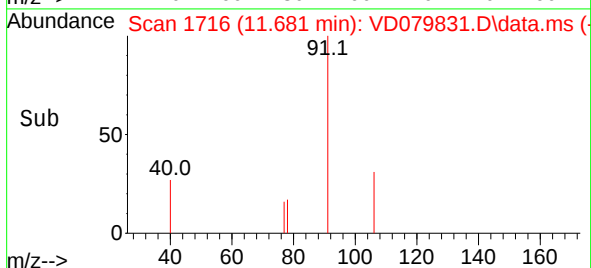
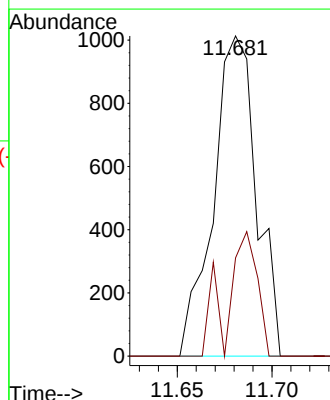
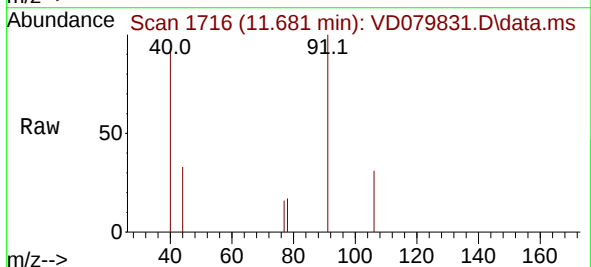
Instrument :
MSVOA_D
ClientSampleId :

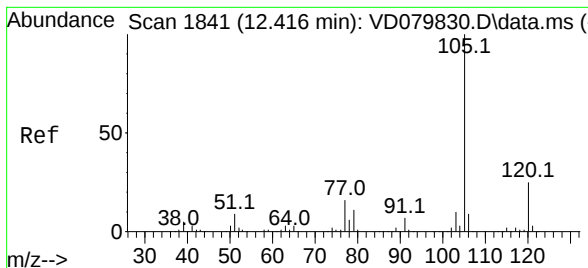
Tgt Ion: 75 Resp: 1779
Ion Ratio Lower Upper
75 100
77 27.8 21.8 40.4



#52
Ethylbenzene
Concen: 0.129 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

Tgt Ion: 91 Resp: 1606
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5





#60

Isopropylbenzene

Concen: 0.152 ug/L

RT: 12.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079831.D

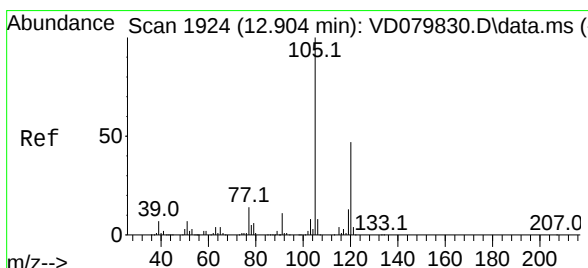
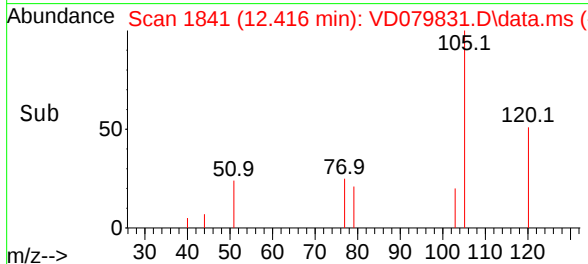
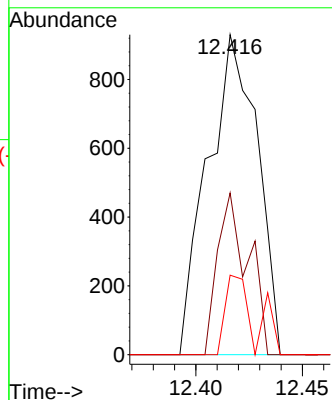
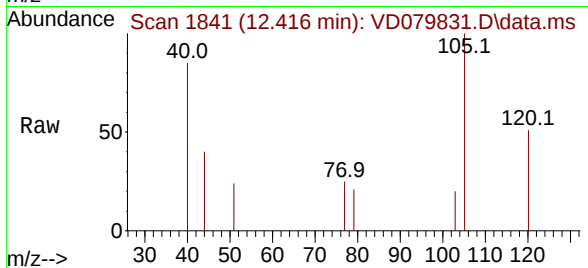
Acq: 13 Sep 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	1504
Ion Ratio	Lower	Upper
105	100	
120	31.2	20.9 31.3
77	10.6	12.6 19.0#



#62

1,3,5-Trimethylbenzene

Concen: 0.148 ug/L

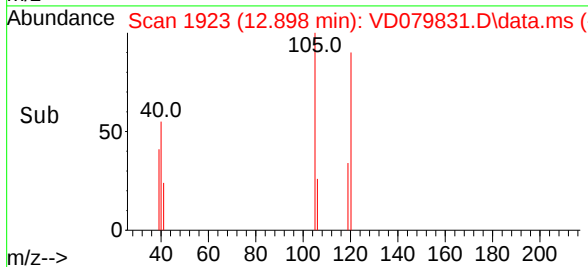
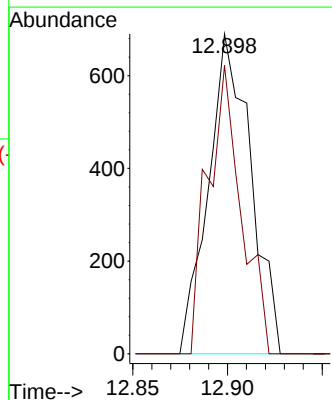
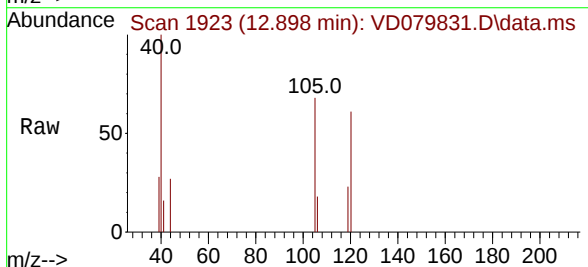
RT: 12.898 min Scan# 1923

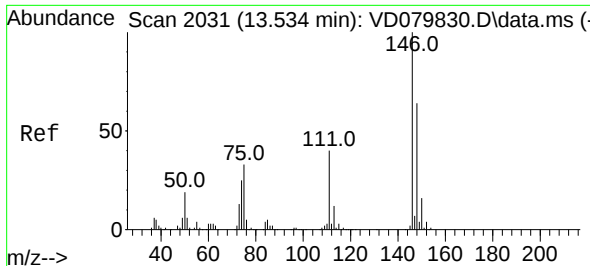
Delta R.T. -0.006 min

Lab File: VD079831.D

Acq: 13 Sep 2024 11:18

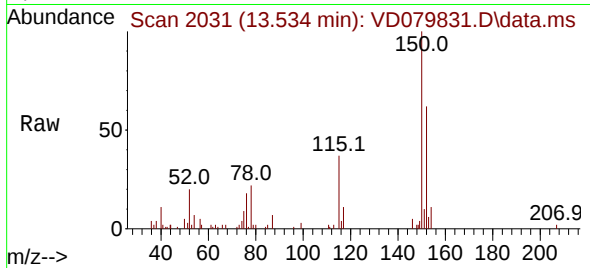
Tgt Ion:105	Resp:	1075
Ion Ratio	Lower	Upper
105	100	
120	71.6	38.3 57.5#



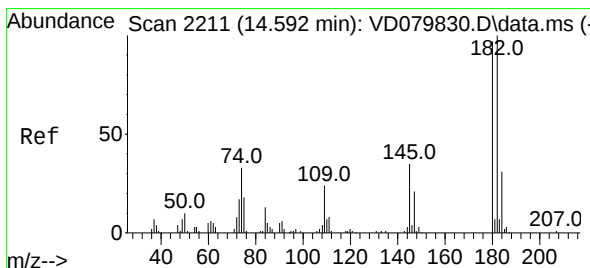
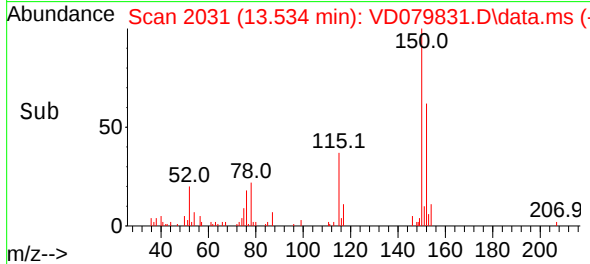
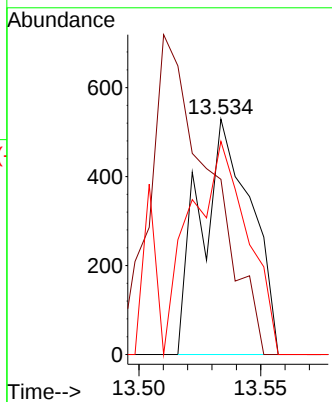


#65
1,4-Dichlorobenzene
Concen: 0.178 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

Instrument :
MSVOA_D
ClientSampleId :

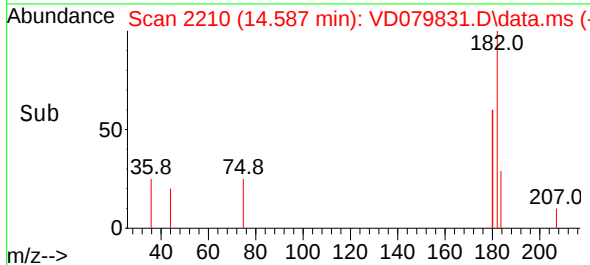
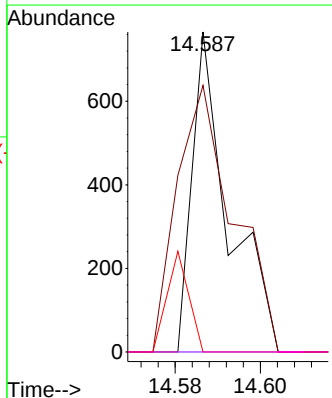
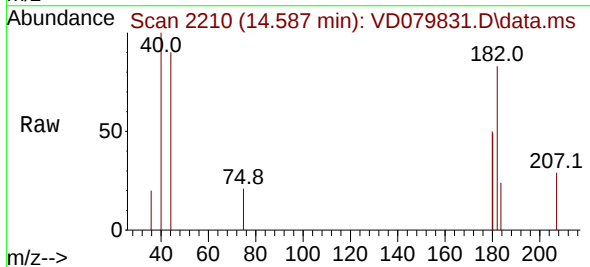


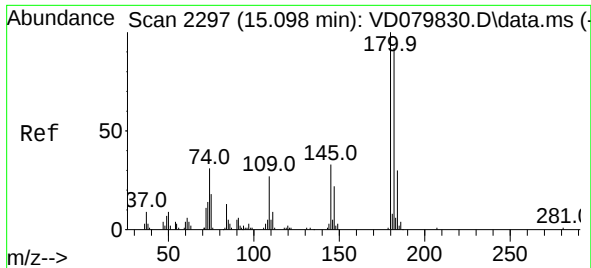
Tgt Ion:146 Resp: 766
Ion Ratio Lower Upper
146 100
111 74.5 27.6 51.4#
148 90.5 46.1 85.7#



#69
1,3,5-Trichlorobenzene
Concen: 0.182 ug/L
RT: 14.587 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VD079831.D
Acq: 13 Sep 2024 11:18

Tgt Ion:180 Resp: 453
Ion Ratio Lower Upper
180 100
182 129.8 72.6 109.0#
184 0.0 24.2 36.2#
145 0.0 24.7 37.1#





#70

1,2,4-trichlorobenzene

Concen: 0.314 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

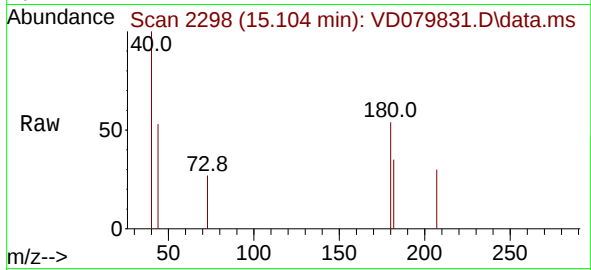
Lab File: VD079831.D

Acq: 13 Sep 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 658

Ion Ratio Lower Upper

180 100

182 62.3 75.9 113.9#

145 0.0 26.6 40.0#

