

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079152.D
 Acq On : 10 Jun 2024 10:48
 Operator : RP/MD
 Sample : VD0610SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:46:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

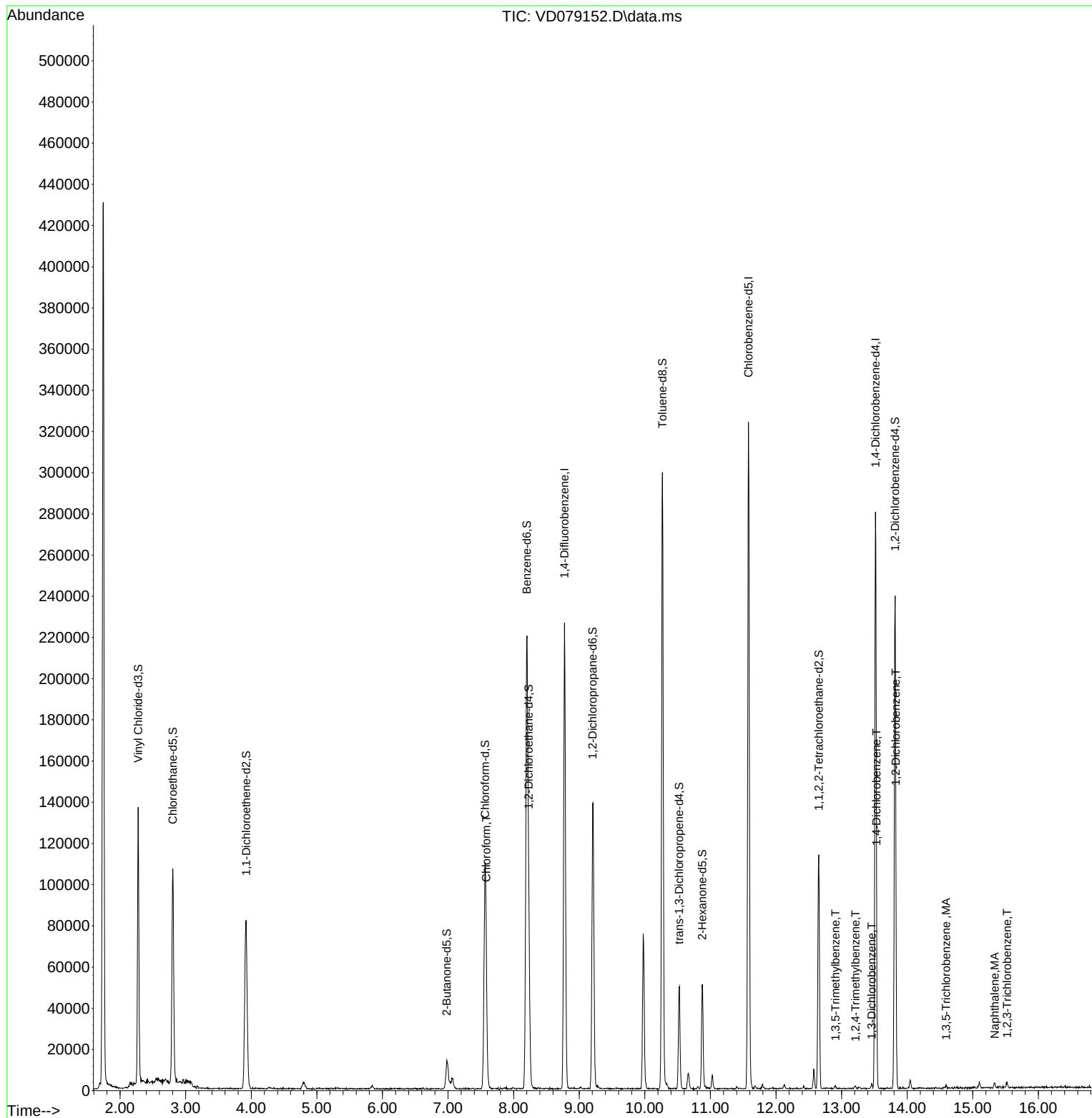
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	208498	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	122220	19.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
7) Chloroethane-d5	2.805	69	112279	18.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	3.922	65	21898	19.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.920%
21) 2-Butanone-d5	6.981	46	23771	48.438	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
24) Chloroform-d	7.563	84	121717	20.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	8.228	65	59261	22.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.160%
32) Benzene-d6	8.199	84	245137	21.778	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.205	67	73126	22.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.269	98	217405	20.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.520%
43) trans-1,3-Dichloroprop...	10.522	79	29325	21.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.080%
47) 2-Hexanone-d5	10.875	63	18508	44.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61369	21.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	69215	24.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.200%
Target Compounds						
25) Chloroform	7.581	83	3186	0.559	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	753	0.100	ug/L #	84
63) 1,2,4-Trimethylbenzene	13.210	105	981	0.122	ug/L #	59
64) 1,3-Dichlorobenzene	13.457	146	1054	0.199	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	1360	0.242	ug/L #	90
67) 1,2-Dichlorobenzene	13.828	146	1090	0.223	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.592	180	561	0.168	ug/L #	78
71) Naphthalene	15.334	128	3024	0.583	ug/L #	72
72) 1,2,3-Trichlorobenzene	15.522	180	1214	0.506	ug/L #	36

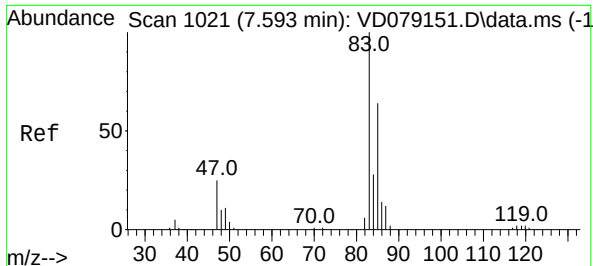
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
Response via : Initial Calibration

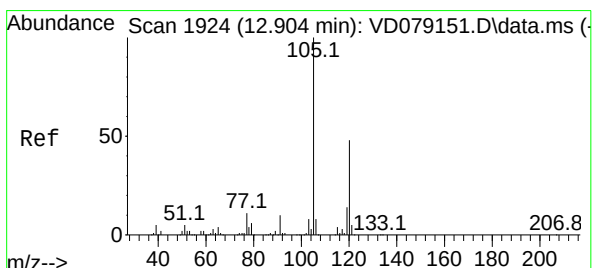
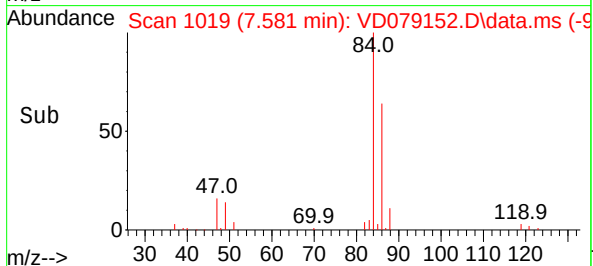
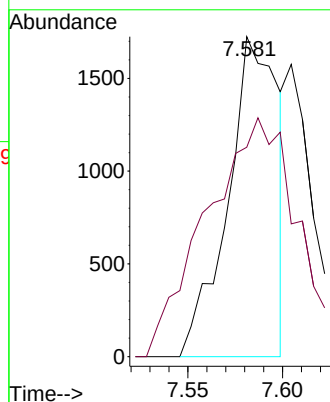
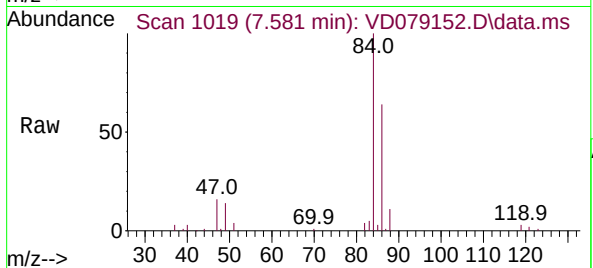




#25
Chloroform
Concen: 0.559 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.012 min
Lab File: VD079152.D
Acq: 10 Jun 2024 10:48

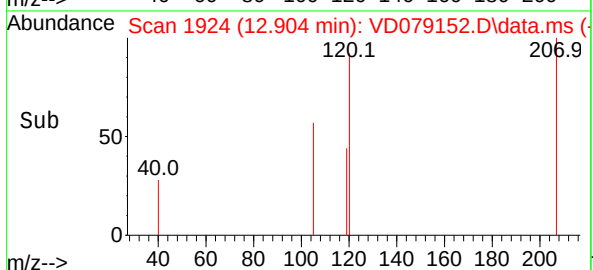
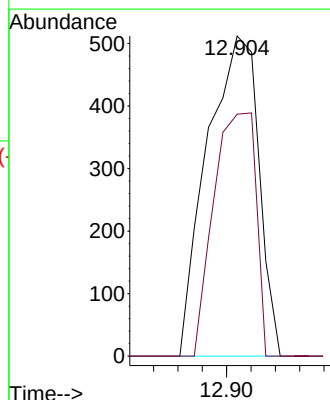
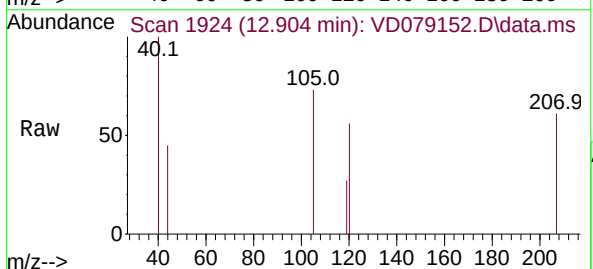
Instrument :
MSVOA_D
ClientSampleId :

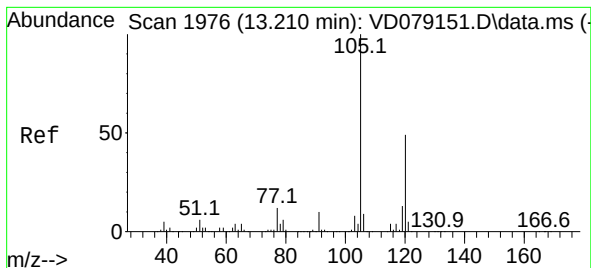
Tgt Ion: 83 Resp: 3186
Ion Ratio Lower Upper
83 100
85 65.4 47.9 89.1



#62
1,3,5-Trimethylbenzene
Concen: 0.100 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079152.D
Acq: 10 Jun 2024 10:48

Tgt Ion:105 Resp: 753
Ion Ratio Lower Upper
105 100
120 62.0 40.7 61.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.122 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079152.D

Acq: 10 Jun 2024 10:48

Instrument :

MSVOA_D

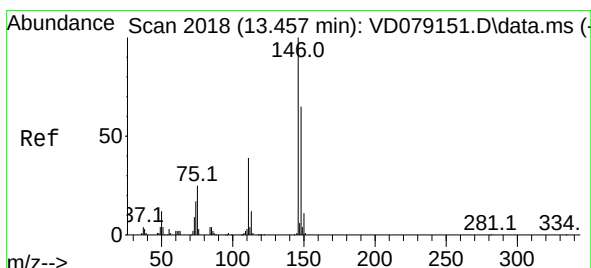
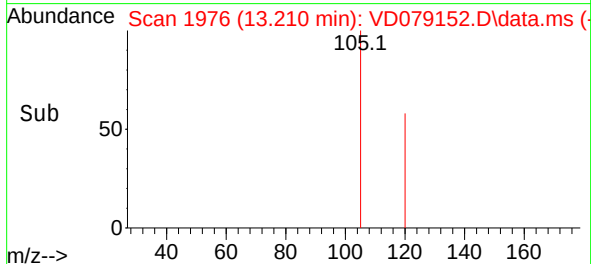
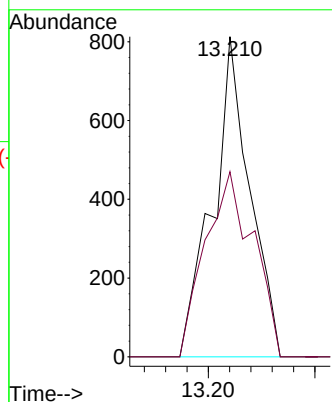
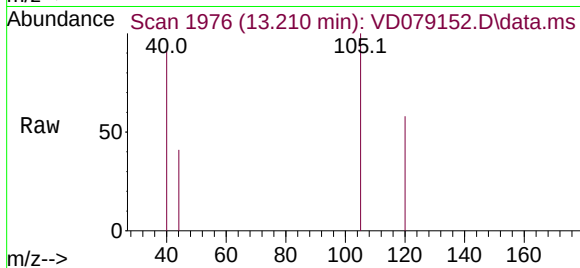
ClientSampleId :

Tgt Ion:105 Resp: 981

Ion Ratio Lower Upper

105 100

120 74.9 38.0 57.0#



#64

1,3-Dichlorobenzene

Concen: 0.199 ug/L

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD079152.D

Acq: 10 Jun 2024 10:48

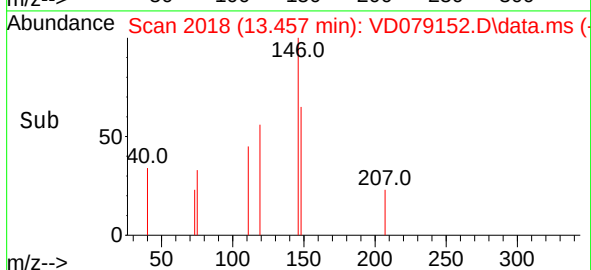
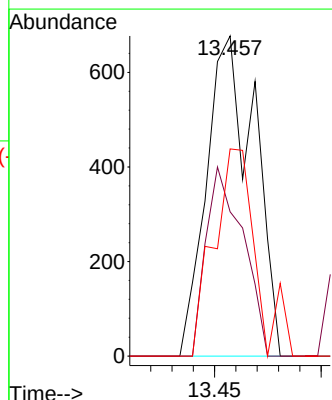
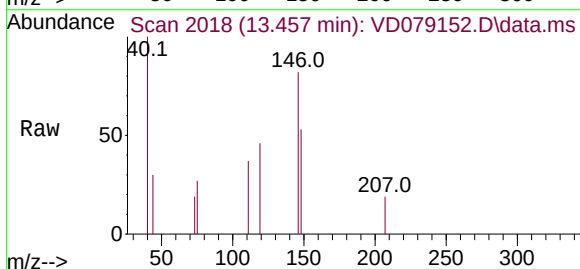
Tgt Ion:146 Resp: 1054

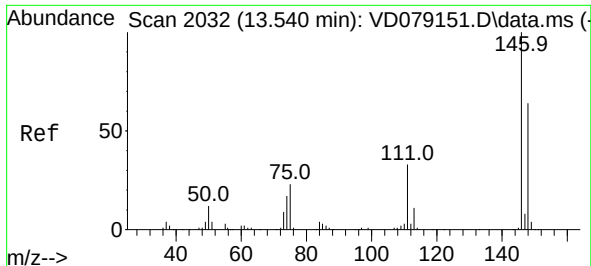
Ion Ratio Lower Upper

146 100

111 45.1 24.4 45.4

148 64.7 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 0.242 ug/L

RT: 13.534 min Scan# 2032

Delta R.T. -0.006 min

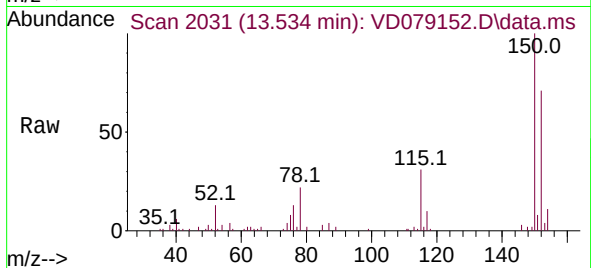
Lab File: VD079152.D

Acq: 10 Jun 2024 10:48

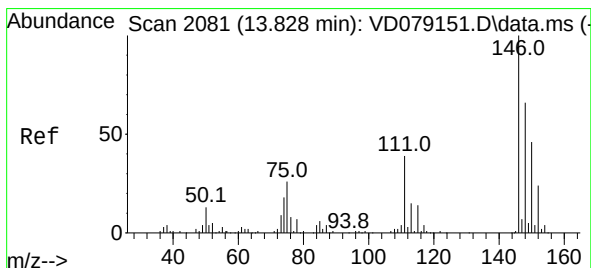
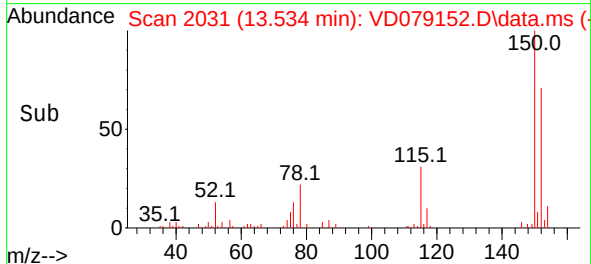
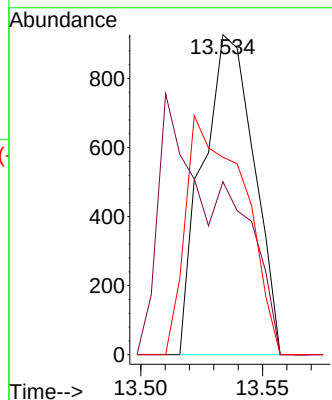
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	1360
Ion	Ratio	Lower	Upper
146	100		
111	54.0	26.3	48.9#
148	61.7	43.1	80.1



#67

1,2-Dichlorobenzene

Concen: 0.223 ug/L

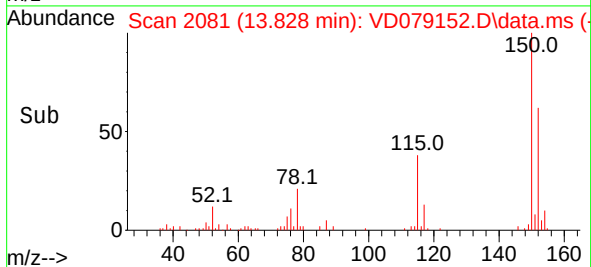
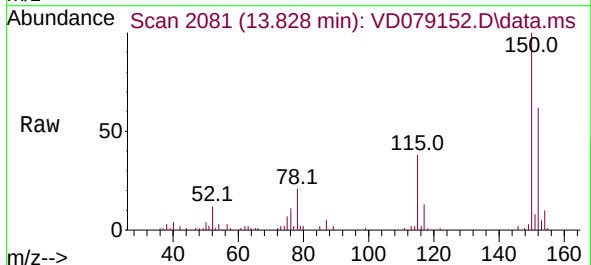
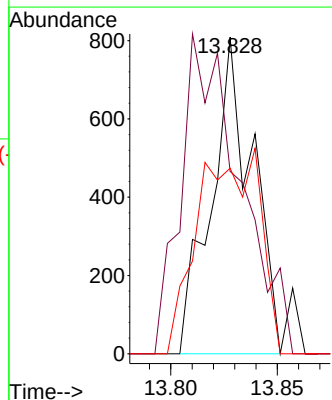
RT: 13.828 min Scan# 2081

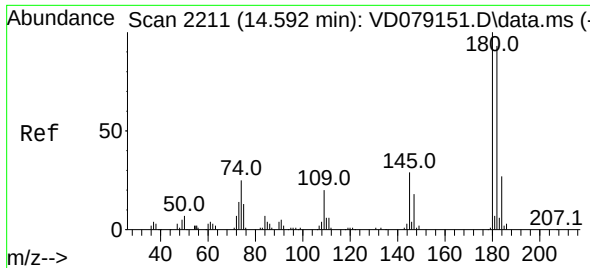
Delta R.T. 0.000 min

Lab File: VD079152.D

Acq: 10 Jun 2024 10:48

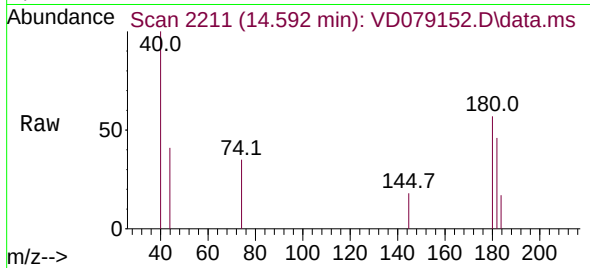
Tgt Ion:	146	Resp:	1090
Ion	Ratio	Lower	Upper
146	100		
111	57.6	29.1	43.7#
148	58.6	51.2	76.8



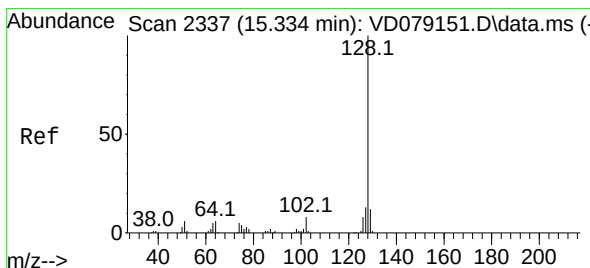
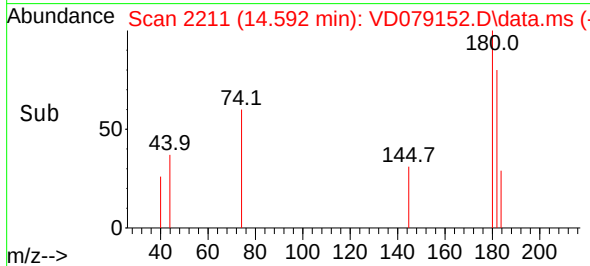
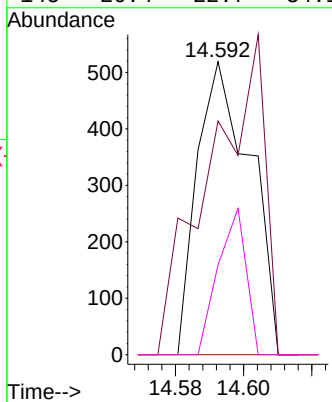


#69
1,3,5-Trichlorobenzene
Concen: 0.168 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD079152.D
Acq: 10 Jun 2024 10:48

Instrument :
MSVOA_D
ClientSampleId :

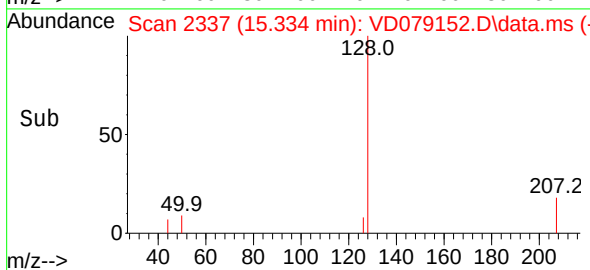
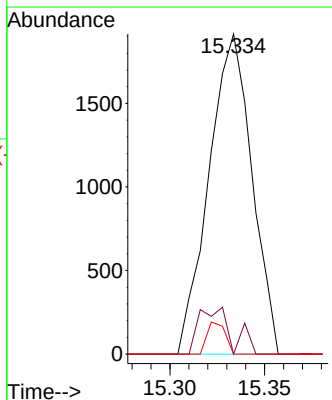
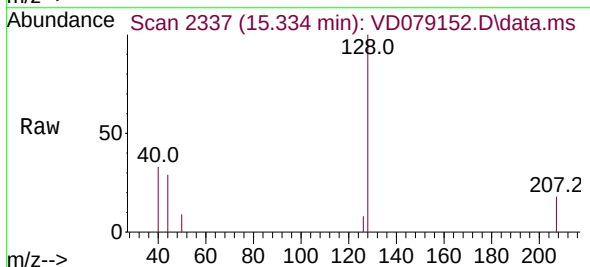


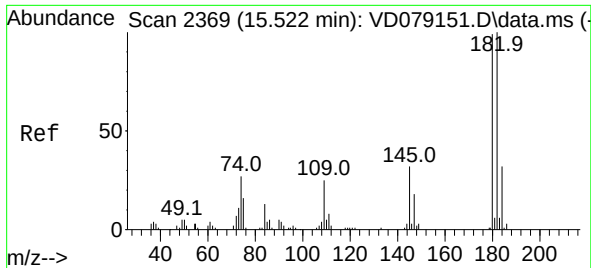
Tgt Ion:	180	Resp:	561
Ion	Ratio	Lower	Upper
180	100		
182	113.2	76.9	115.3
184	0.0	23.3	34.9#
145	26.4	22.7	34.1



#71
Naphthalene
Concen: 0.583 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD079152.D
Acq: 10 Jun 2024 10:48

Tgt Ion:	128	Resp:	3024
Ion	Ratio	Lower	Upper
128	100		
127	2.1	10.8	16.2#
129	0.0	8.5	12.7#





#72

1,2,3-Trichlorobenzene

Concen: 0.506 ug/L

RT: 15.522 min Scan# 24

Delta R.T. 0.000 min

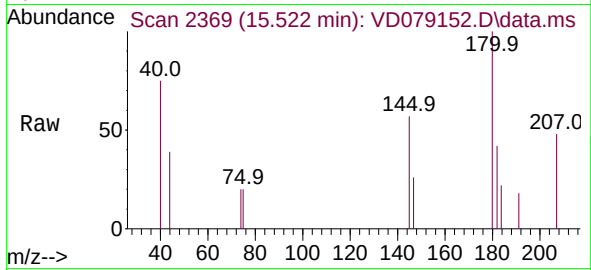
Lab File: VD079152.D

Acq: 10 Jun 2024 10:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 1214

Ion Ratio Lower Upper

180 100

182 20.2 79.4 119.2#

145 22.8 24.7 37.1#

