

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077779.D
 Acq On : 07 Dec 2023 17:05
 Operator : JC/SY
 Sample : VIBLK134
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK134

Quant Time: Dec 08 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

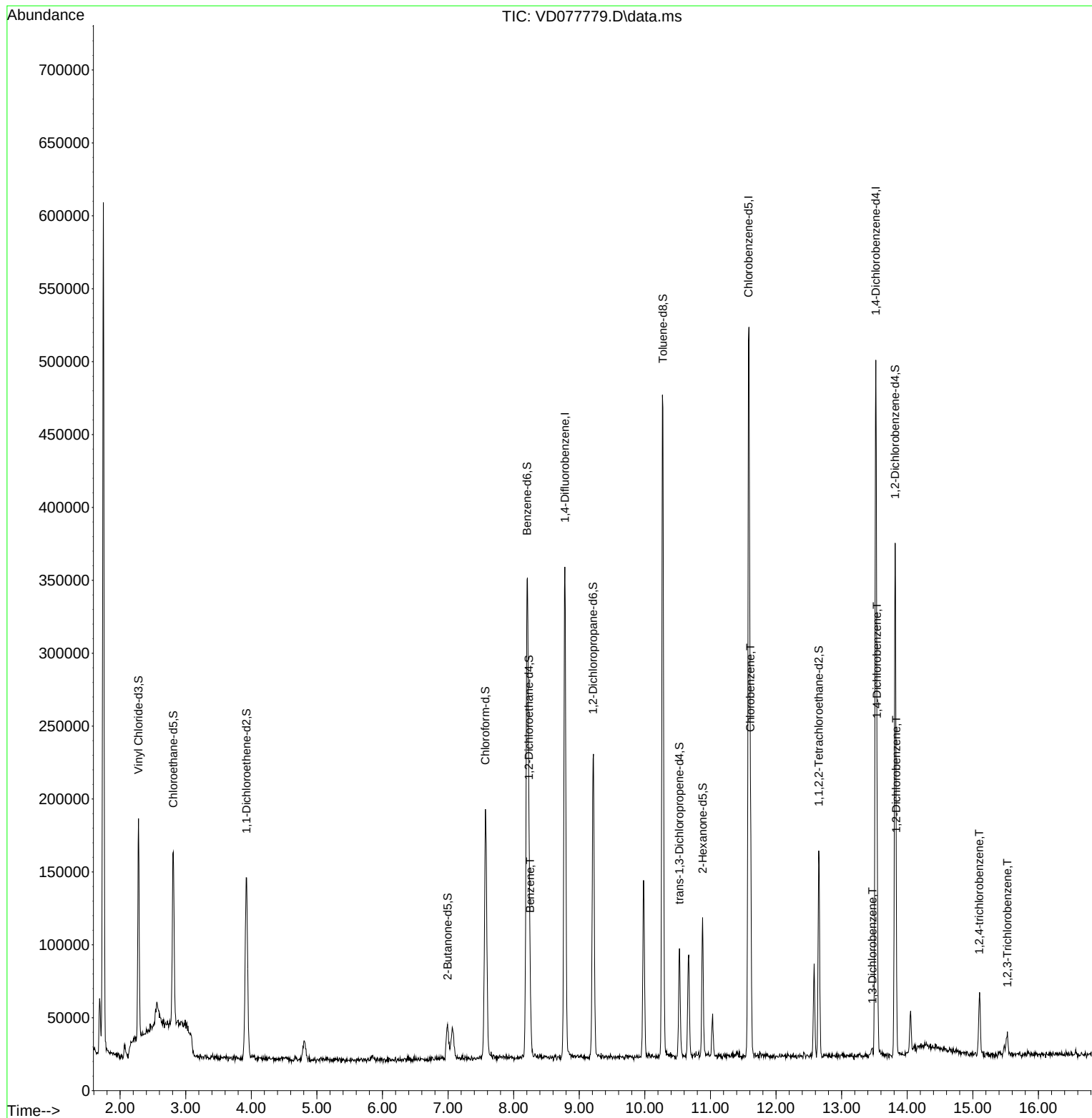
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	304031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	139508	16.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
7) Chloroethane-d5	2.811	69	129442	19.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	3.928	65	36816	17.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.520%
21) 2-Butanone-d5	6.993	46	38503	36.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.480%
24) Chloroform-d	7.569	84	171221	20.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.234	65	86019	20.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.880%
32) Benzene-d6	8.204	84	356792	20.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	9.210	67	108476	20.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.320%
41) Toluene-d8	10.275	98	320732	20.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	10.528	79	42204	18.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.440%
47) 2-Hexanone-d5	10.881	63	33111	36.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71719	18.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	98188	22.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						Qvalue
33) Benzene	8.252	78	7869	0.421	ug/L	100
51) Chlorobenzene	11.610	112	88770	7.219	ug/L	97
64) 1,3-Dichlorobenzene	13.469	146	3226	0.401	ug/L	88
65) 1,4-Dichlorobenzene	13.539	146	44168	5.287	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	4107	0.567	ug/L #	84
70) 1,2,4-trichlorobenzene	15.098	180	15568	3.345	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	6158	1.509	ug/L	99

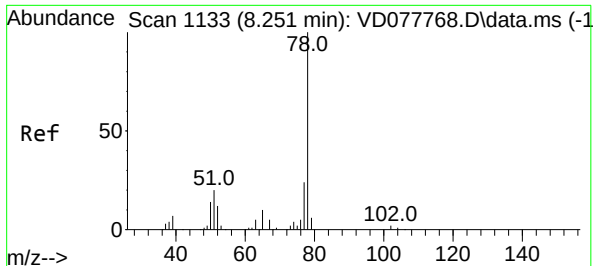
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
Data File : VD077779.D
Acq On : 07 Dec 2023 17:05
Operator : JC/SY
Sample : VIBLK134
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK134

Quant Time: Dec 08 00:34:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

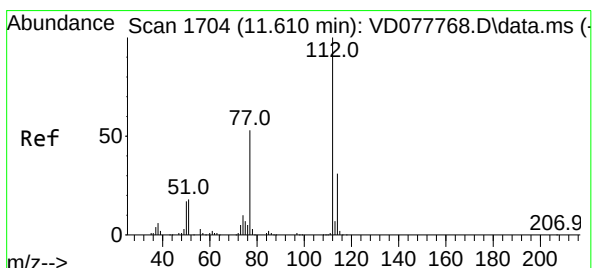
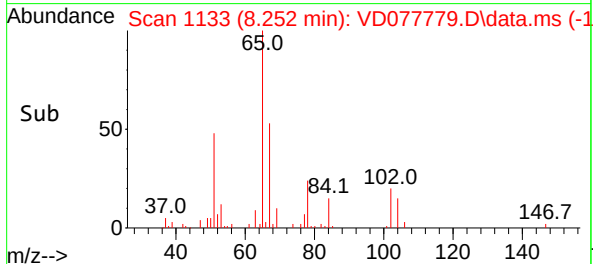
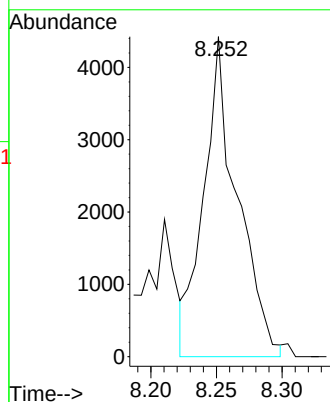
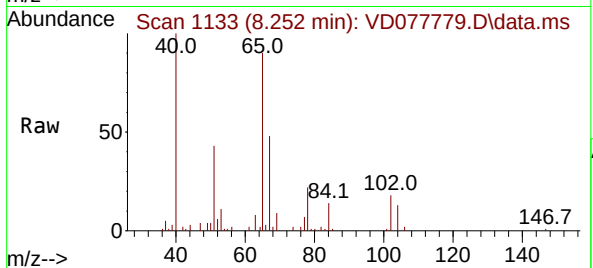




#33
Benzene
Concen: 0.421 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

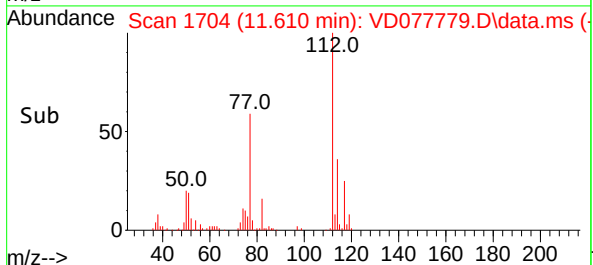
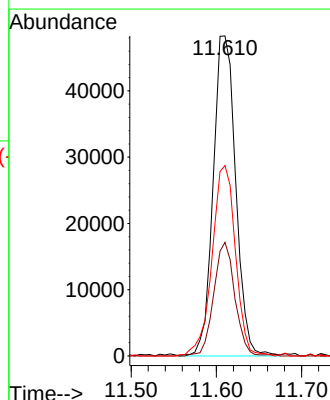
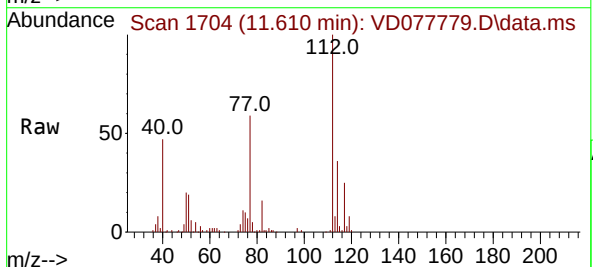
Instrument :
MSVOA_D
ClientSampleId :
VIBLK134

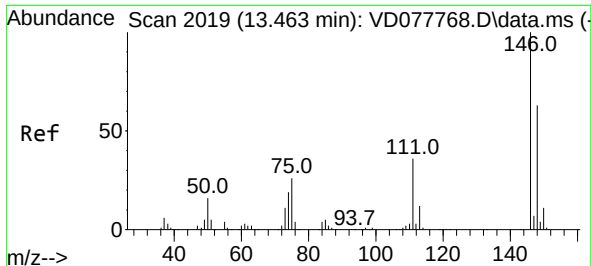
Tgt Ion: 78 Resp: 7869



#51
Chlorobenzene
Concen: 7.219 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion: 112 Resp: 88770
Ion Ratio Lower Upper
112 100
114 35.5 22.5 41.9
77 59.5 46.4 69.6

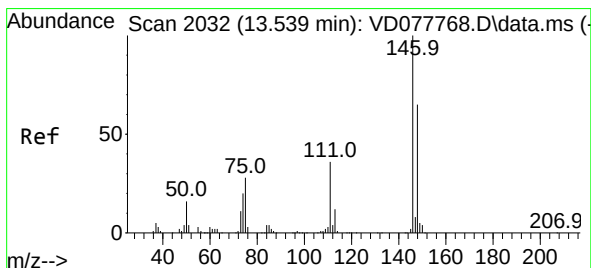
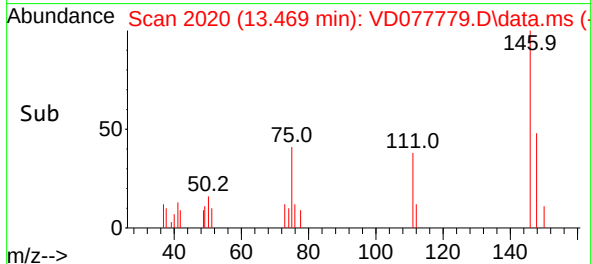
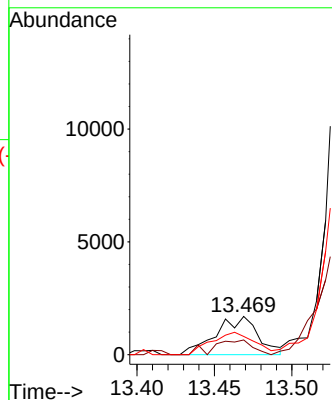
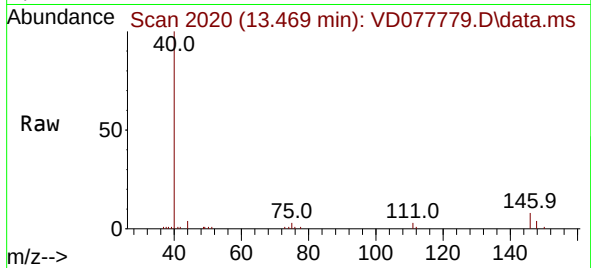




#64
1,3-Dichlorobenzene
Concen: 0.401 ug/L
RT: 13.469 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

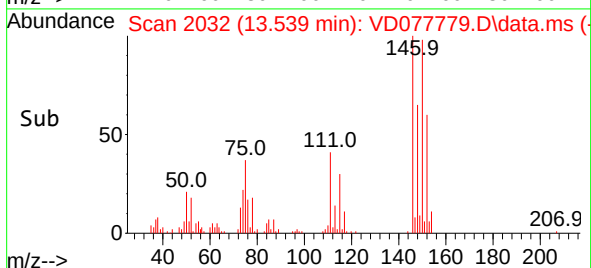
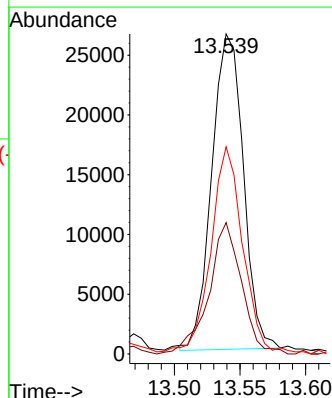
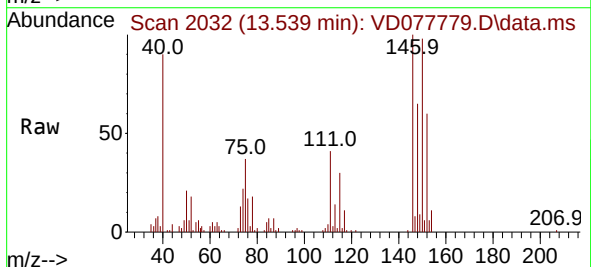
Instrument :
MSVOA_D
ClientSampleId :
VIBLK134

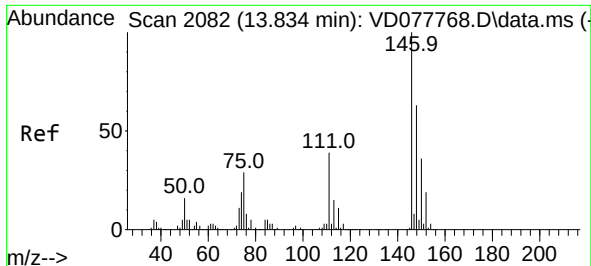
Tgt Ion:146 Resp: 3226
Ion Ratio Lower Upper
146 100
111 38.4 26.6 49.4
148 47.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.287 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion:146 Resp: 44168
Ion Ratio Lower Upper
146 100
111 41.1 26.4 49.0
148 64.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 0.567 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077779.D

Acq: 07 Dec 2023 17:05

Instrument :

MSVOA_D

ClientSampleId :

VIBLK134

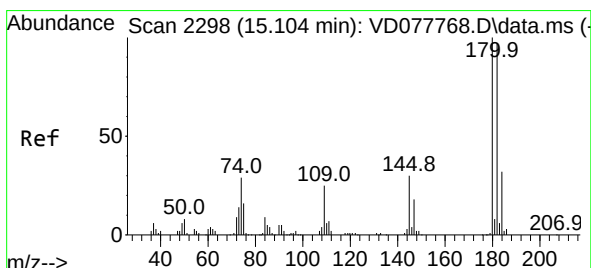
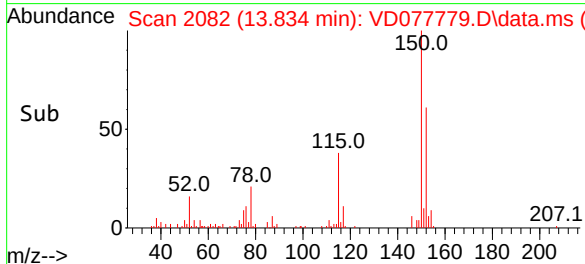
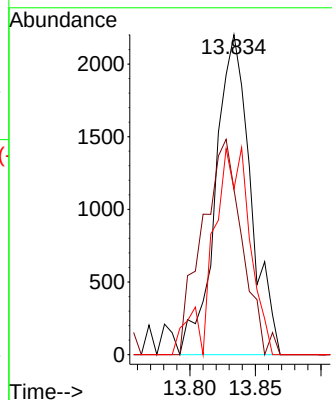
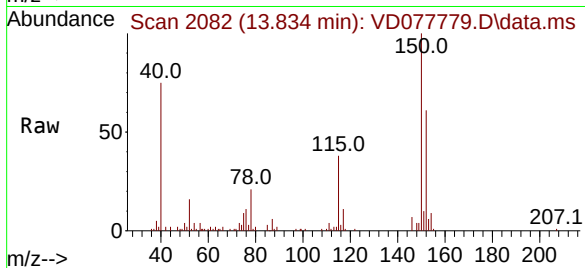
Tgt Ion:146 Resp: 4107

Ion Ratio Lower Upper

146 100

111 51.7 31.4 47.2#

148 51.8 50.2 75.2



#70

1,2,4-trichlorobenzene

Concen: 3.345 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077779.D

Acq: 07 Dec 2023 17:05

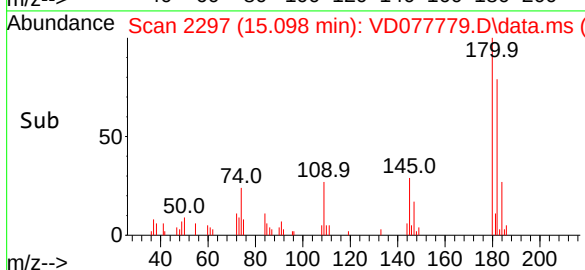
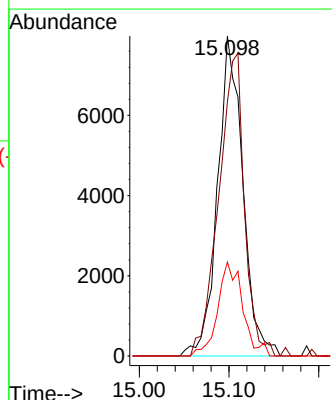
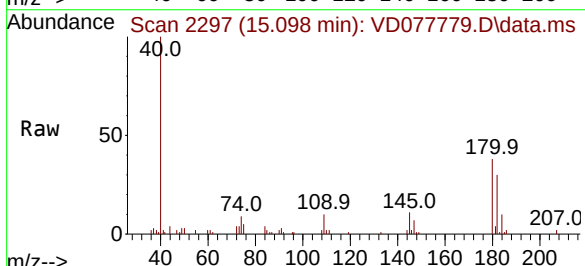
Tgt Ion:180 Resp: 15568

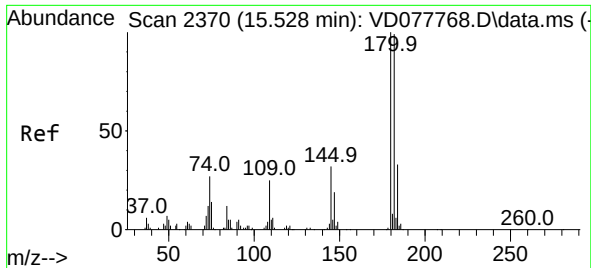
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

145 27.7 23.9 35.9





#72
 1,2,3-Trichlorobenzene
 Concen: 1.509 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077779.D
 Acq: 07 Dec 2023 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK134

Tgt Ion:180 Resp: 6158
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.3 115.9
 145 33.8 25.2 37.8

