

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077948.D
 Acq On : 18 Dec 2023 15:38
 Operator : RP/MD
 Sample : 05808-09
 Misc : 5.77G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0B03

Quant Time: Dec 18 23:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

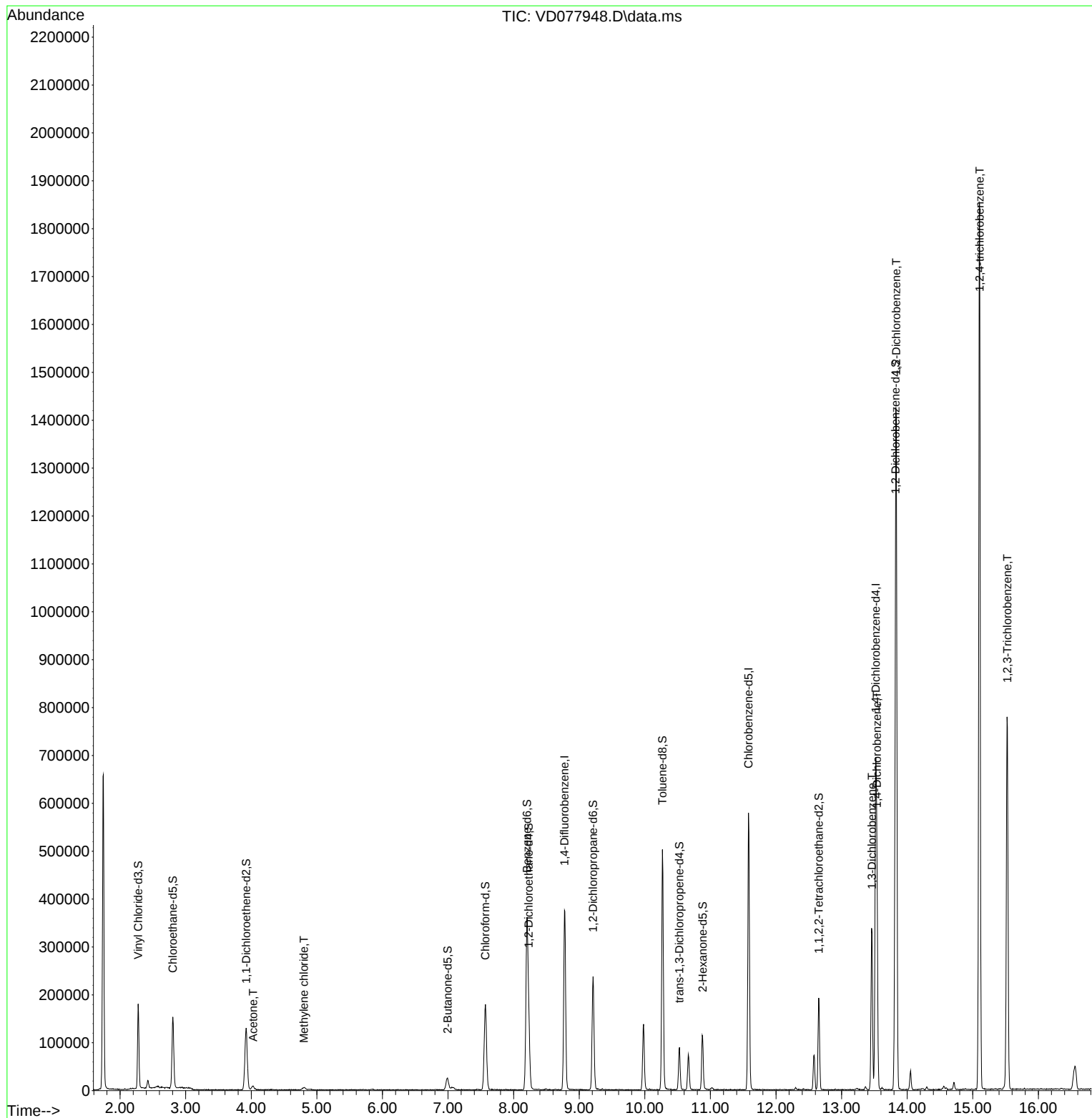
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	348433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	162444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164365	17.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.200%
7) Chloroethane-d5	2.805	69	158456	20.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	3.922	65	35097	14.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.000%
21) 2-Butanone-d5	6.993	46	43215	35.985	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.980%
24) Chloroform-d	7.569	84	188727	20.097	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	8.228	65	98523	20.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.840%
32) Benzene-d6	8.204	84	380791	18.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.640%
36) 1,2-Dichloropropane-d6	9.210	67	116787	19.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.040%
41) Toluene-d8	10.269	98	346390	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.760%
43) trans-1,3-Dichloroprop...	10.528	79	50801	18.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.800%
47) 2-Hexanone-d5	10.881	63	42444	40.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96741	21.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.160%
66) 1,2-Dichlorobenzene-d4	13.822	152	127990	22.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds						Qvalue
13) Acetone	4.028	43	11494	7.470	ug/L	94
16) Methylene chloride	4.805	84	4255	0.688	ug/L	# 70
64) 1,3-Dichlorobenzene	13.463	146	142257	13.567	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	160960	14.793	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	512213	54.286	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	592612	97.766	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	270577	50.919	ug/L	99

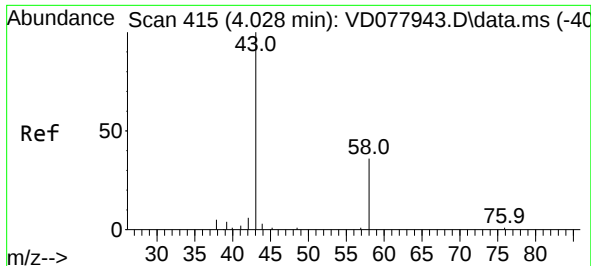
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.470 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077948.D

Acq: 18 Dec 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

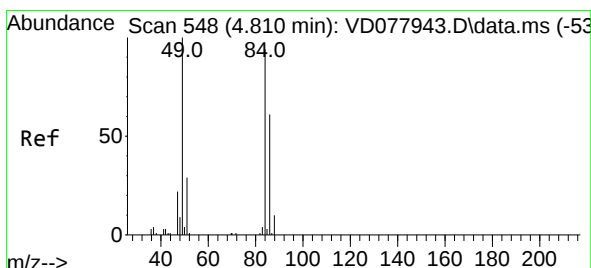
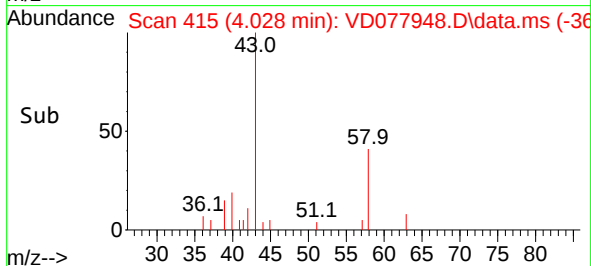
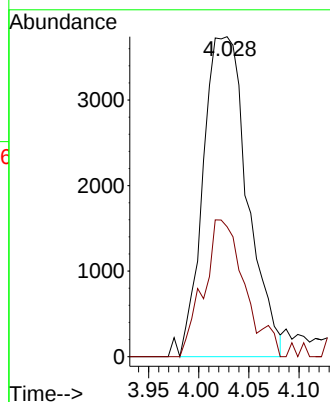
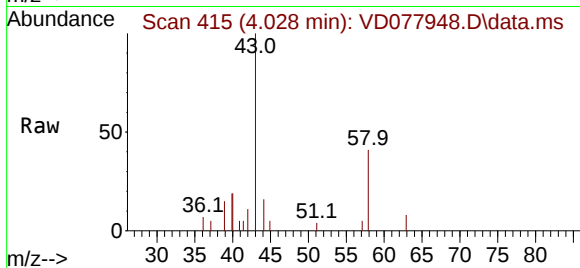
C0B03

Tgt Ion: 43 Resp: 11494

Ion Ratio Lower Upper

43 100

58 30.1 0.0 67.2



#16

Methylene chloride

Concen: 0.688 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD077948.D

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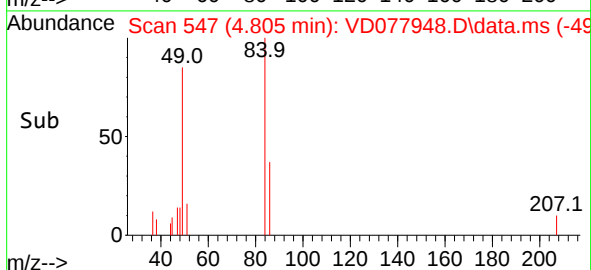
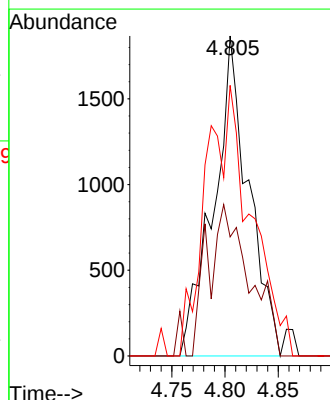
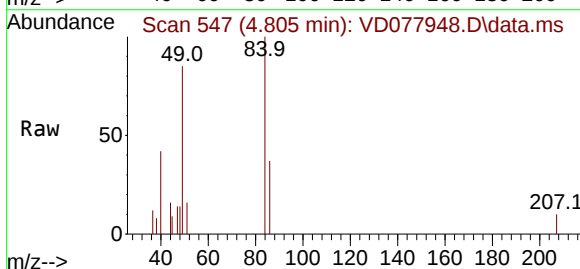
Tgt Ion: 84 Resp: 4255

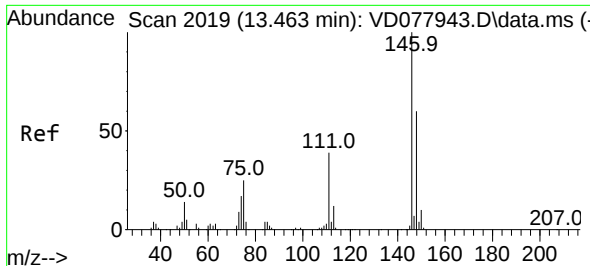
Ion Ratio Lower Upper

84 100

86 37.2 40.1 74.5#

49 84.6 83.2 154.6

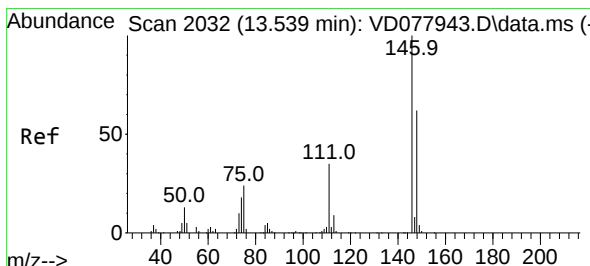
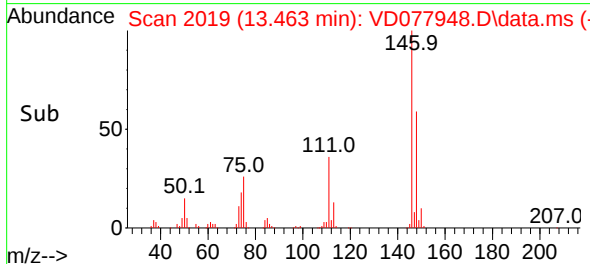
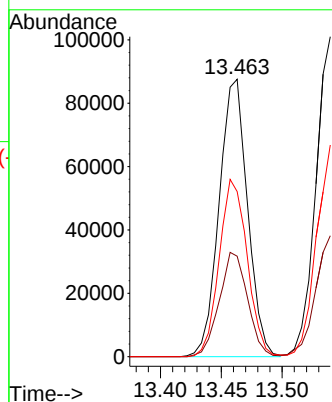
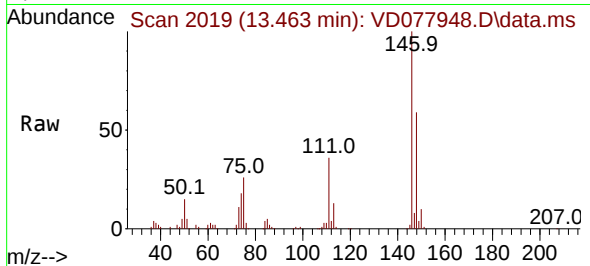




#64
1,3-Dichlorobenzene
Concen: 13.567 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077948.D
Acq: 18 Dec 2023 15:38

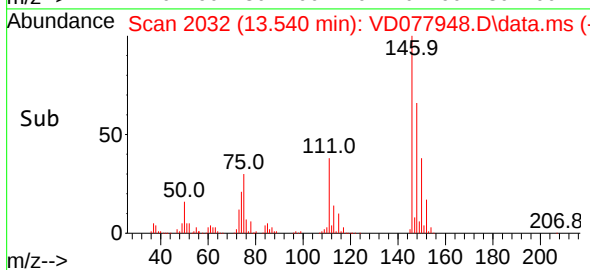
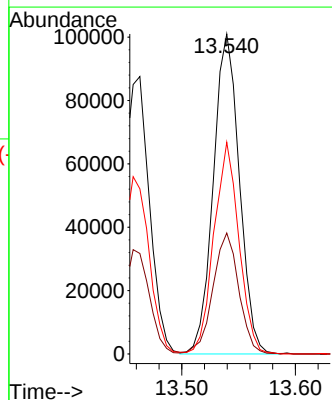
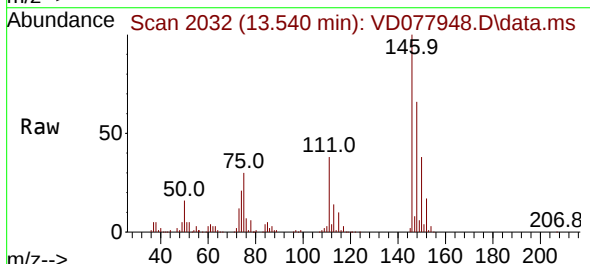
Instrument :
MSVOA_D
ClientSampleId :
COB03

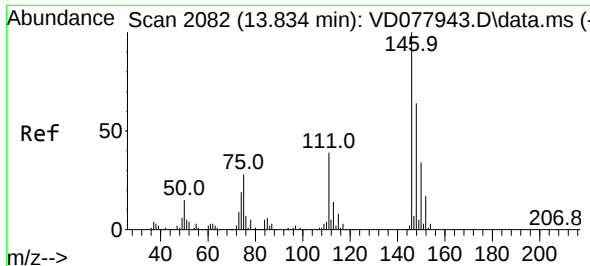
Tgt Ion:146 Resp: 142257
Ion Ratio Lower Upper
146 100
111 36.2 26.6 49.4
148 59.5 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 14.793 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077948.D
Acq: 18 Dec 2023 15:38

Tgt Ion:146 Resp: 160960
Ion Ratio Lower Upper
146 100
111 37.8 26.4 49.0
148 66.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 54.286 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077948.D

Acq: 18 Dec 2023 15:38

Instrument :

MSVOA_D

ClientSampleId :

C0B03

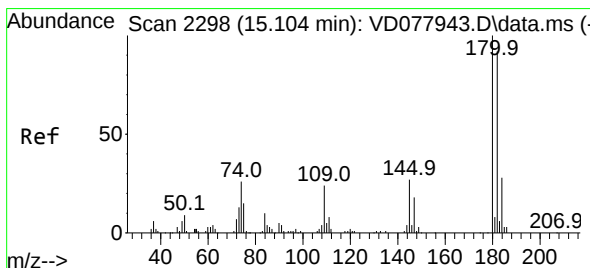
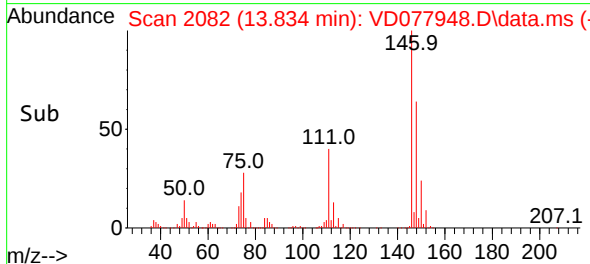
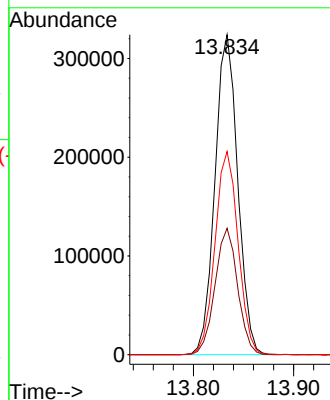
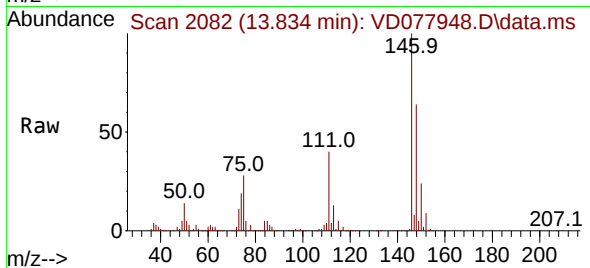
Tgt Ion:146 Resp: 512213

Ion Ratio Lower Upper

146 100

111 39.5 31.4 47.2

148 63.5 50.2 75.2



#70

1,2,4-trichlorobenzene

Concen: 97.766 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077948.D

Acq: 18 Dec 2023 15:38

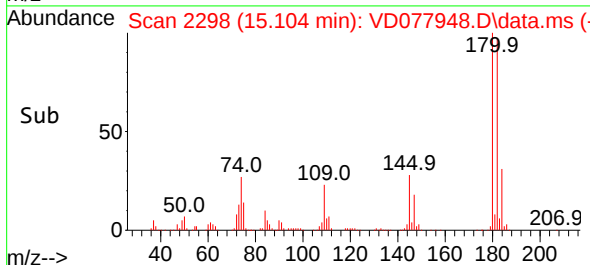
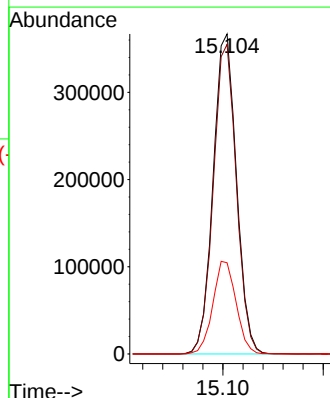
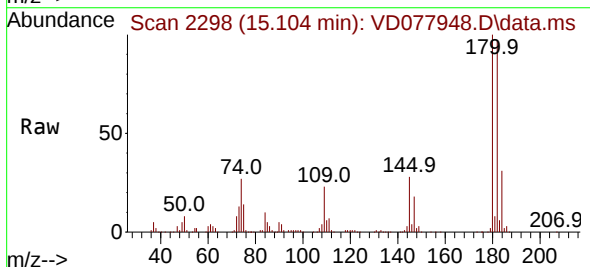
Tgt Ion:180 Resp: 592612

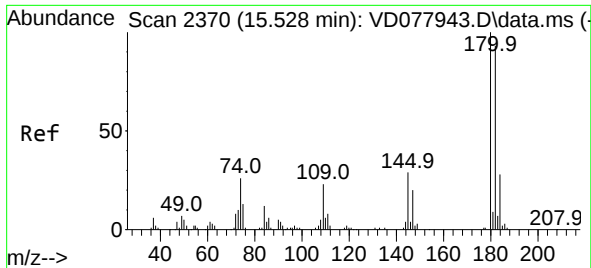
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

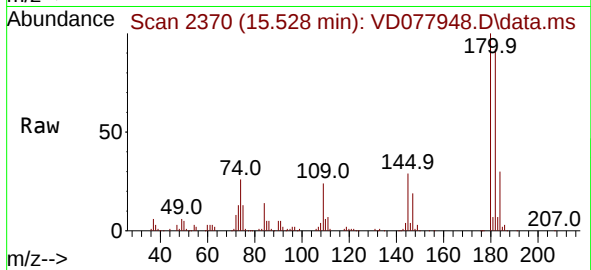
145 28.8 23.9 35.9





#72
 1,2,3-Trichlorobenzene
 Concen: 50.919 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077948.D
 Acq: 18 Dec 2023 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 C0B03



Tgt Ion:180 Resp: 270577
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.3 115.9
 145 30.0 25.2 37.8

