

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077535.D
 Acq On : 09 Nov 2023 17:34
 Operator : JC/SY
 Sample : 05239-06
 Misc : 5.07G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 02:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

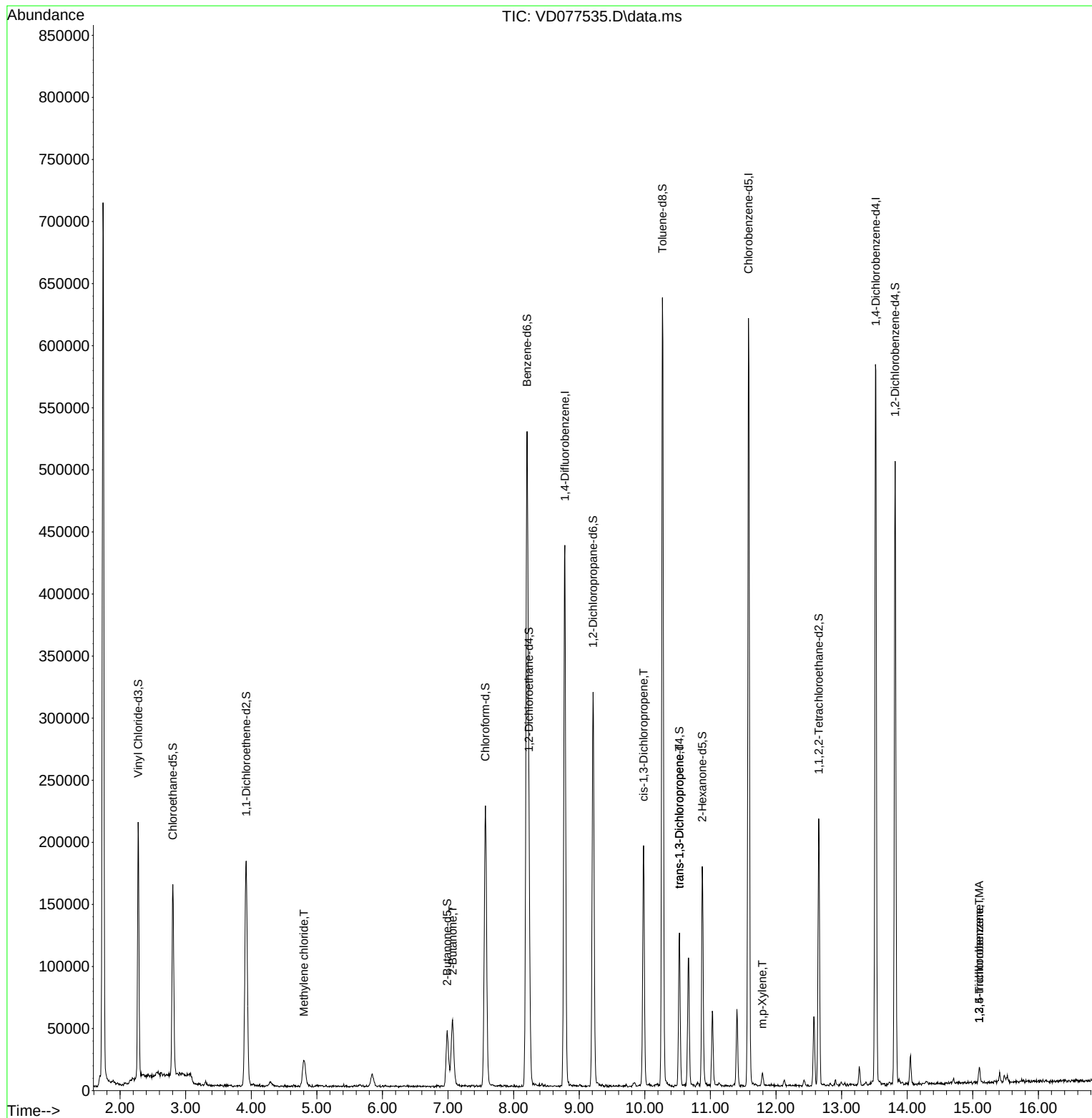
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	358412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	331322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	151159	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	191751	21.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.805	69	156891	21.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	3.922	65	55874	19.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.280%
21) 2-Butanone-d5	6.987	46	78818	49.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.860%
24) Chloroform-d	7.569	84	233702	22.572	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.234	65	130589	23.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.840%
32) Benzene-d6	8.205	84	479975	22.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.210	67	158169	22.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	10.269	98	428672	22.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.240%
43) trans-1,3-Dichloroprop...	10.528	79	67957	22.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.000%
47) 2-Hexanone-d5	10.875	63	61837	49.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108515	23.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	126156	23.460	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	15184	2.509	ug/L	92
22) 2-Butanone	7.069	43	3555	1.781	ug/L #	66
39) cis-1,3-Dichloropropene	9.981	75	5547	0.565	ug/L	91
44) trans-1,3-Dichloropropene	10.528	75	3430	0.423	ug/L	85
53) m,p-Xylene	11.793	106	3125	0.324	ug/L	67
69) 1,3,5-Trichlorobenzene	15.098	180	4269	0.625	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	4269	0.742	ug/L	95

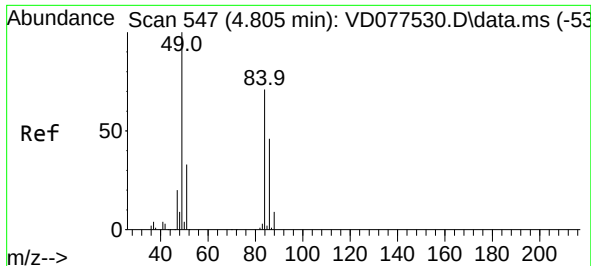
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

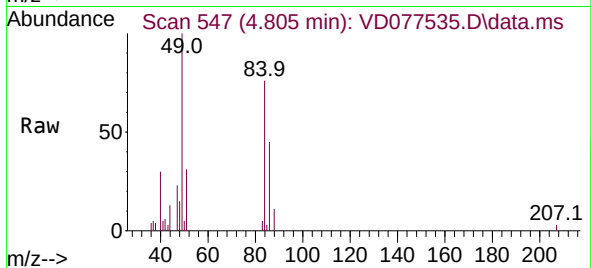
Quant Time: Nov 10 02:09:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration





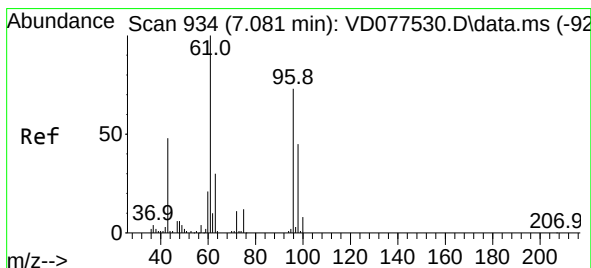
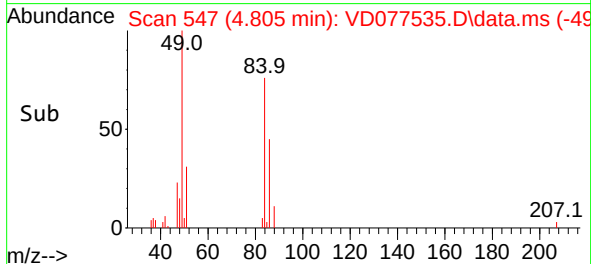
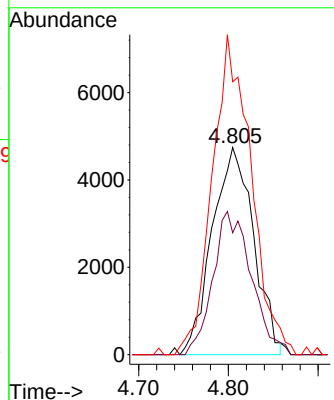
#16
Methylene chloride
Concen: 2.509 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077535.D
Acq: 09 Nov 2023 17:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 15184

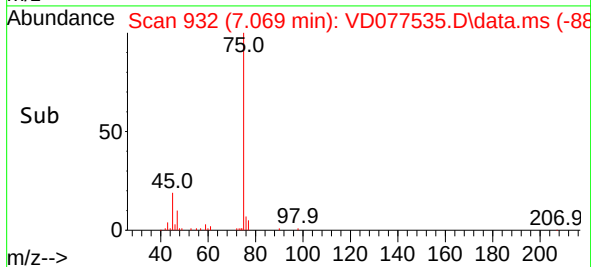
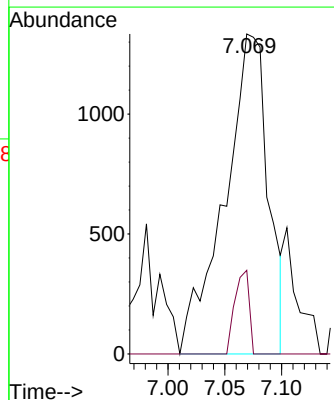
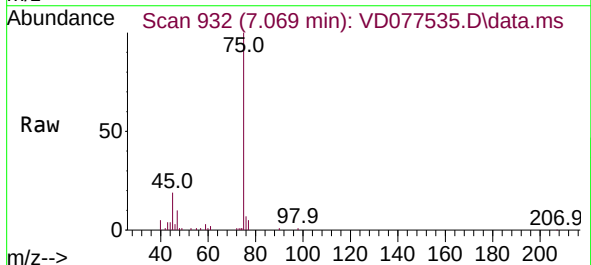
Ion	Ratio	Lower	Upper
84	100		
86	58.8	46.5	86.5
49	131.7	98.3	182.7

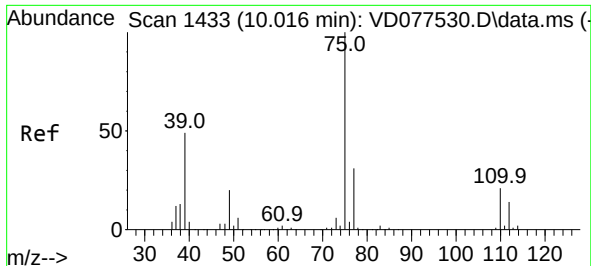


#22
2-Butanone
Concen: 1.781 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD077535.D
Acq: 09 Nov 2023 17:34

Tgt Ion: 43 Resp: 3555

Ion	Ratio	Lower	Upper
43	100		
72	8.6	12.8	38.4#





#39

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD077535.D

Acq: 09 Nov 2023 17:34

Instrument :

MSVOA_D

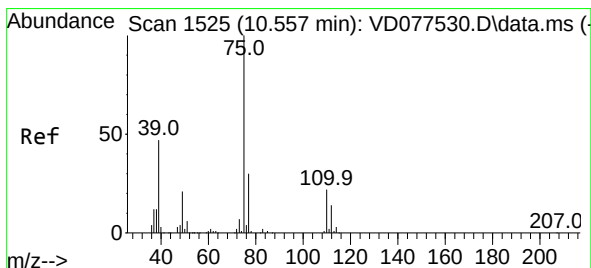
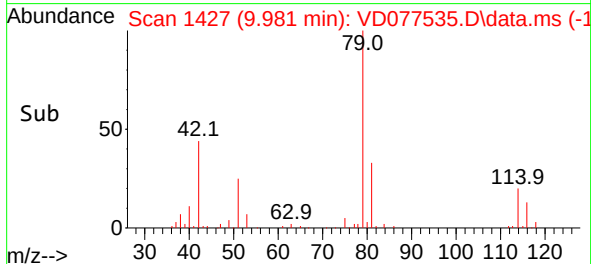
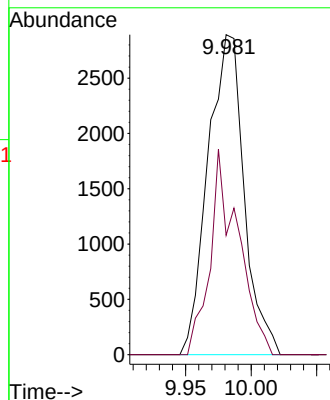
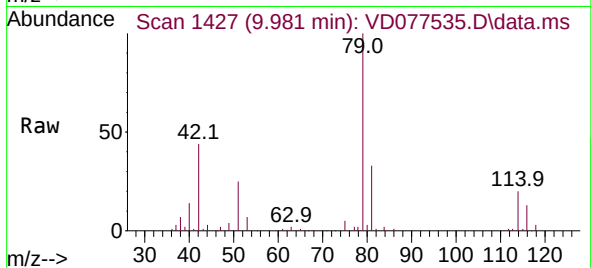
ClientSampleId :

Tgt Ion: 75 Resp: 5547

Ion Ratio Lower Upper

75 100

77 37.3 22.5 41.9



#44

trans-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077535.D

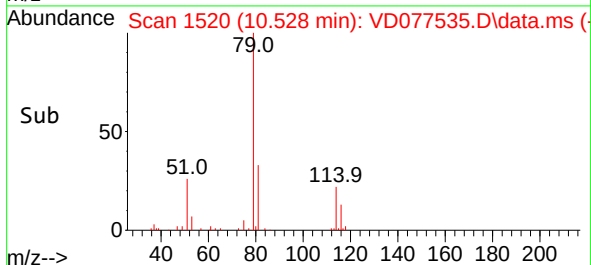
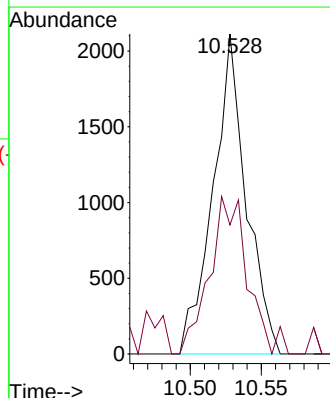
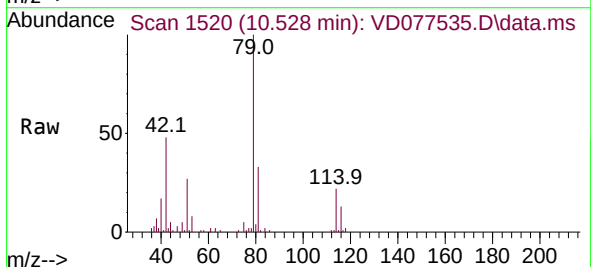
Acq: 09 Nov 2023 17:34

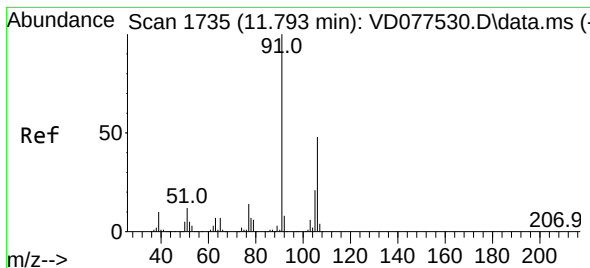
Tgt Ion: 75 Resp: 3430

Ion Ratio Lower Upper

75 100

77 40.3 22.3 41.5





#53

m,p-Xylene

Concen: 0.324 ug/L

RT: 11.793 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077535.D

Acq: 09 Nov 2023 17:34

Instrument :

MSVOA_D

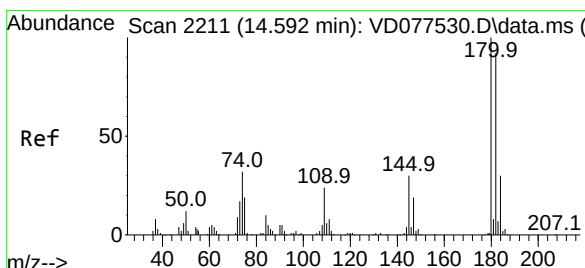
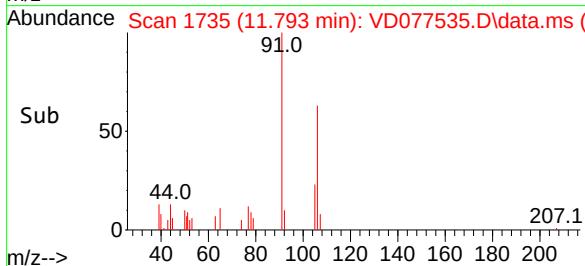
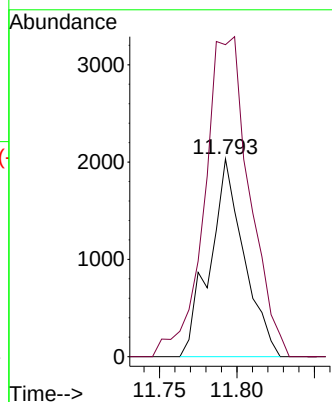
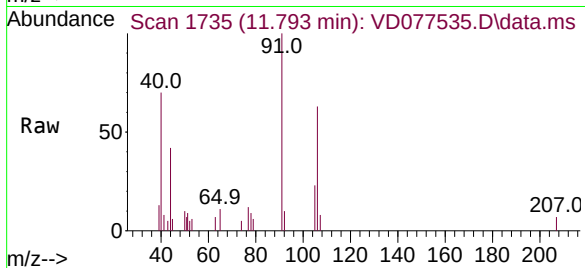
ClientSampleId :

Tgt Ion:106 Resp: 3125

Ion Ratio Lower Upper

106 100

91 157.8 146.7 272.4



#69

1,3,5-Trichlorobenzene

Concen: 0.625 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.506 min

Lab File: VD077535.D

Acq: 09 Nov 2023 17:34

Tgt Ion:180 Resp: 4269

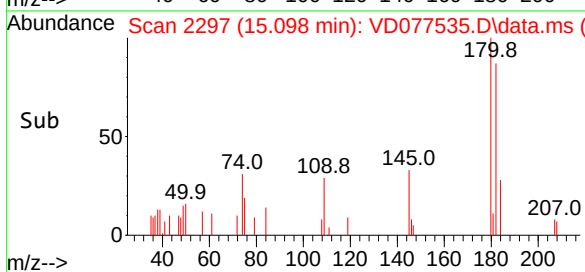
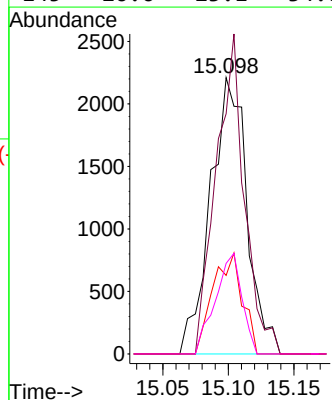
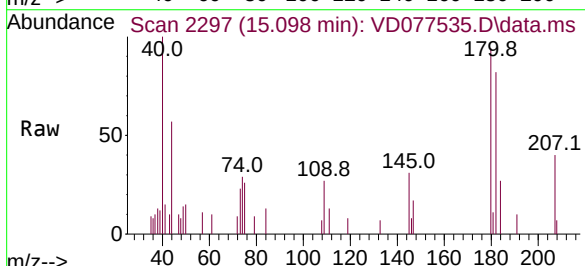
Ion Ratio Lower Upper

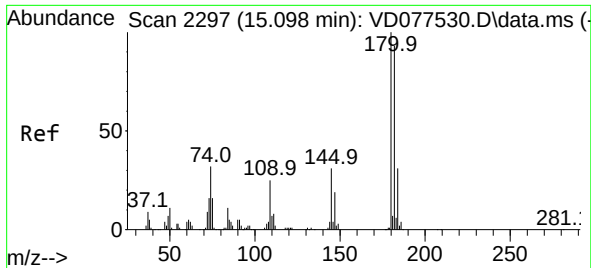
180 100

182 90.1 76.1 114.1

184 29.4 24.0 36.0

145 26.6 23.1 34.7





#70

1,2,4-trichlorobenzene

Concen: 0.742 ug/L

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

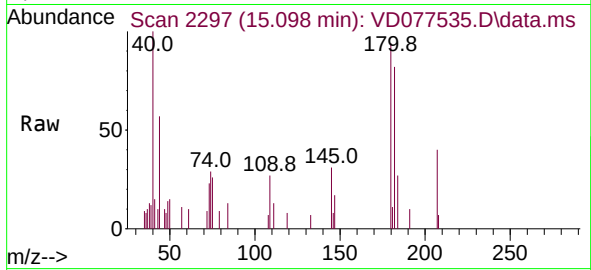
Lab File: VD077535.D

Acq: 09 Nov 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 4269

Ion Ratio Lower Upper

180 100

182 90.1 75.8 113.6

145 26.6 24.1 36.1

