

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077179.D
 Acq On : 21 Sep 2023 14:31
 Operator : JC/SY
 Sample : 04469-02
 Misc : 4.54G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

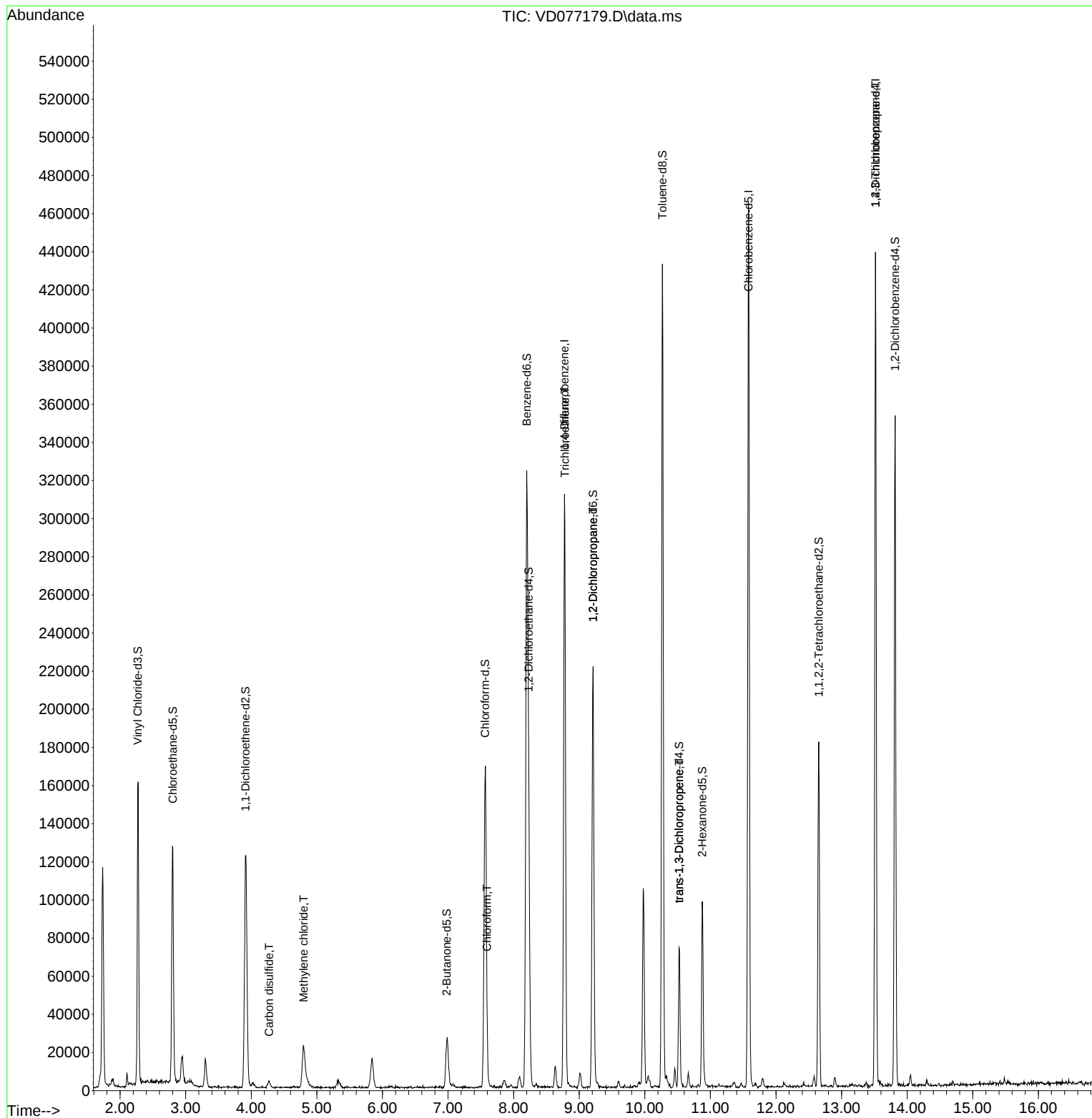
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	286179	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	277134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	118579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	143207	20.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
7) Chloroethane-d5	2.805	69	129842	22.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	3.911	65	35088	21.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	6.981	46	46378	52.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.420%
24) Chloroform-d	7.563	84	178088	22.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.228	65	92678	24.971	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.880%
32) Benzene-d6	8.199	84	356964	23.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.210	67	113017	25.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.000%
41) Toluene-d8	10.269	98	309607	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.522	79	41762	20.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.520%
47) 2-Hexanone-d5	10.875	63	32780	46.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91880	23.479	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	98031	25.757	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.040%
Target Compounds						
					Qvalue	
14) Carbon disulfide	4.269	76	6717	0.540	ug/L #	85
16) Methylene chloride	4.799	84	17461	2.998	ug/L	96
25) Chloroform	7.593	83	2434	0.309	ug/L	78
34) Trichloroethene	8.781	95	8449	1.914	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	10967	2.612	ug/L #	85
44) trans-1,3-Dichloropropene	10.522	75	2298	0.403	ug/L	86
61) 1,2,3-Trichloropropane	13.516	75	14150	6.252	ug/L #	65

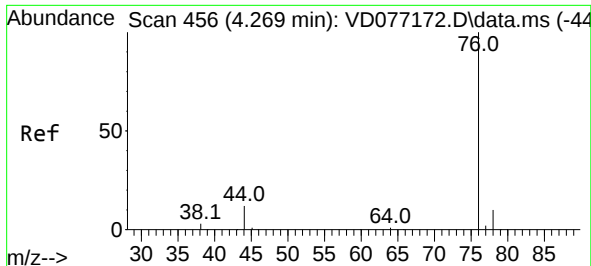
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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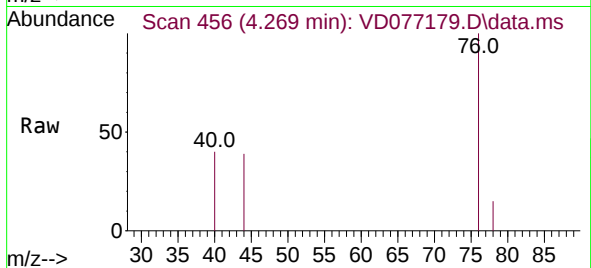
Quant Time: Sep 22 01:31:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration



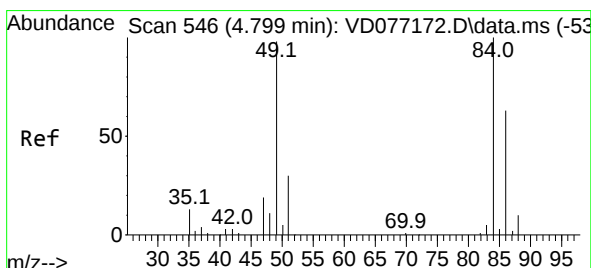
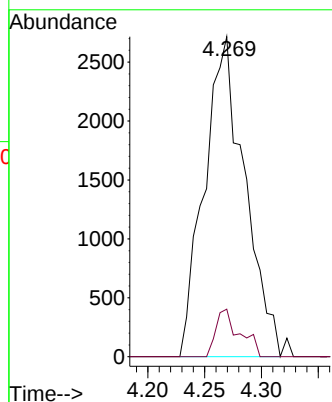
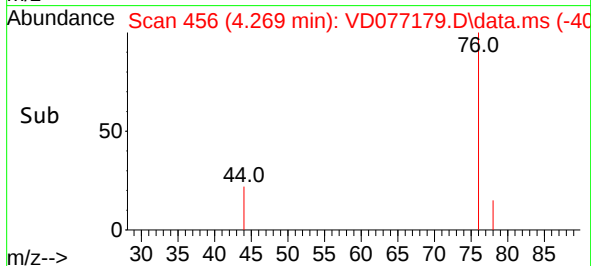


#14
Carbon disulfide
Concen: 0.540 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077179.D
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MSVOA_D
ClientSampleId :

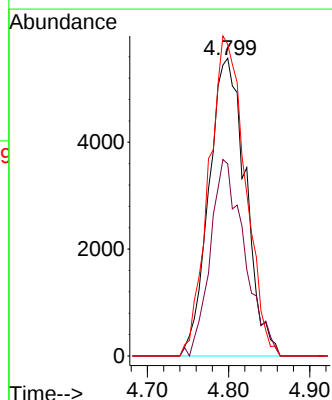
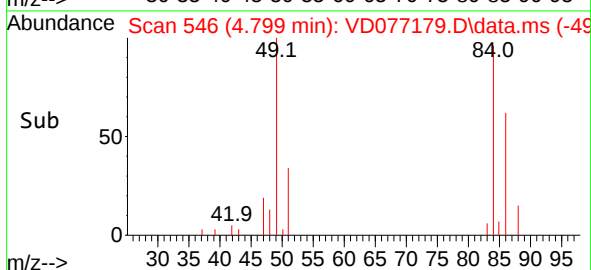
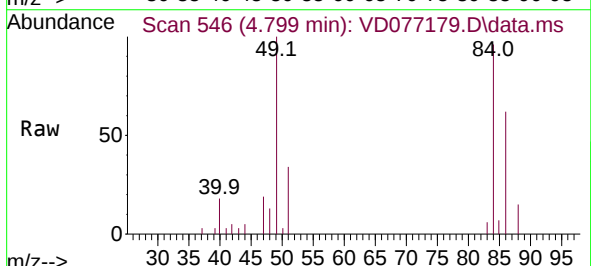


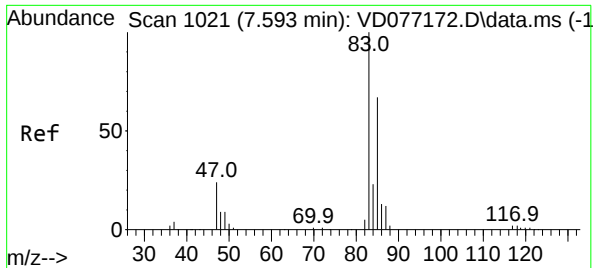
Tgt Ion: 76 Resp: 6717
Ion Ratio Lower Upper
76 100
78 14.9 7.5 11.3#



#16
Methylene chloride
Concen: 2.998 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077179.D
Acq: 21 Sep 2023 14:31

Tgt Ion: 84 Resp: 17461
Ion Ratio Lower Upper
84 100
86 64.5 45.3 84.1
49 104.7 69.2 128.6

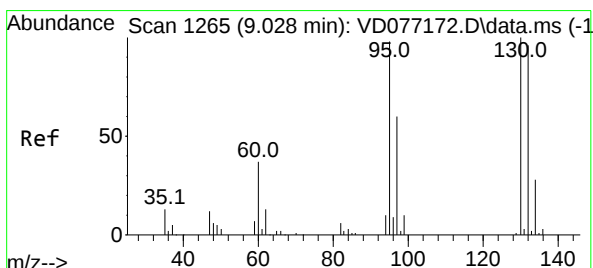
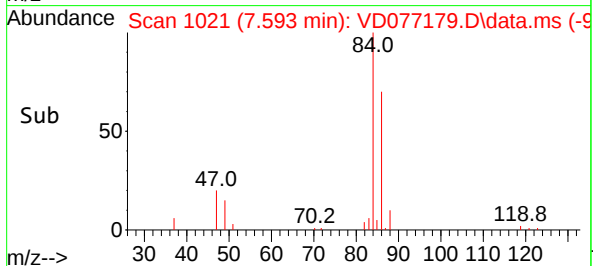
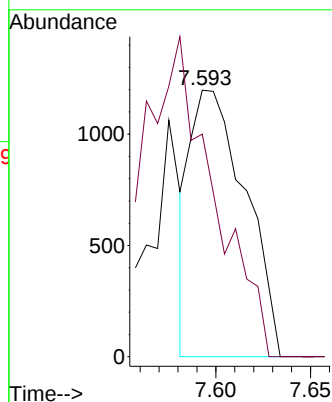
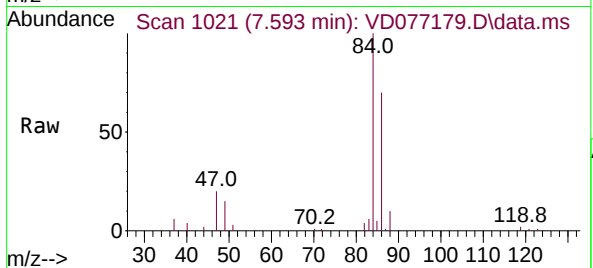




#25
Chloroform
Concen: 0.309 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077179.D
Acq: 21 Sep 2023 14:31

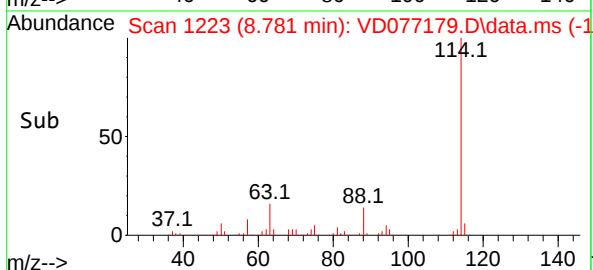
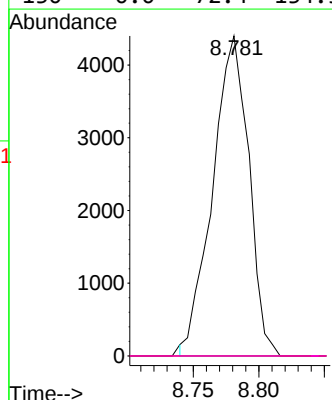
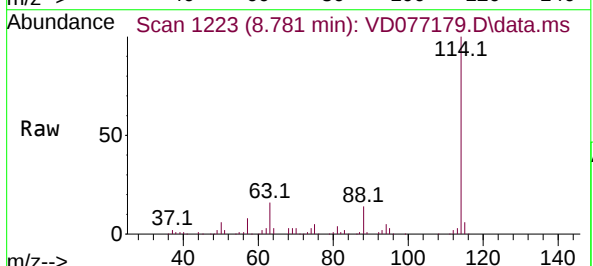
Instrument :
MSVOA_D
ClientSampleId :

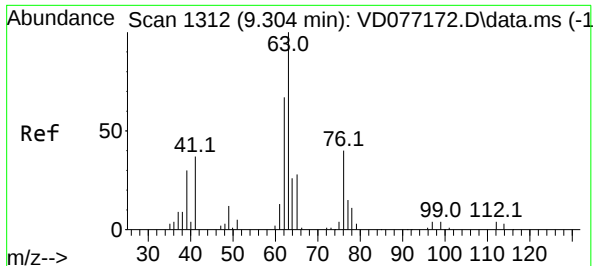
Tgt Ion: 83 Resp: 2434
Ion Ratio Lower Upper
83 100
85 83.5 46.2 85.8



#34
Trichloroethene
Concen: 1.914 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077179.D
Acq: 21 Sep 2023 14:31

Tgt Ion: 95 Resp: 8449
Ion Ratio Lower Upper
95 100
97 0.0 46.4 86.2#
132 0.0 70.1 130.1#
130 0.0 72.4 134.5#





#37

1,2-Dichloropropane

Concen: 2.612 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD077179.D

Acq: 21 Sep 2023 14:31

Instrument :

MSVOA_D

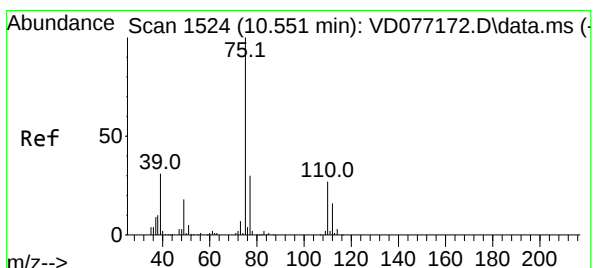
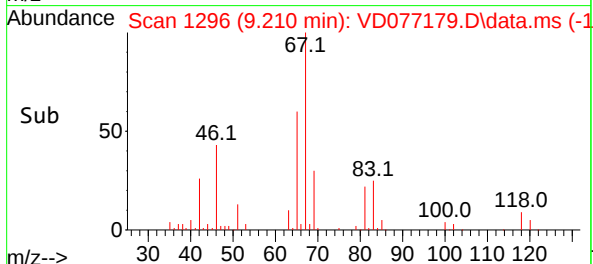
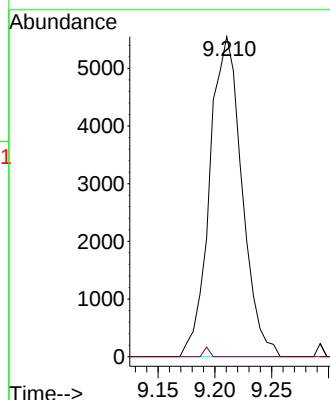
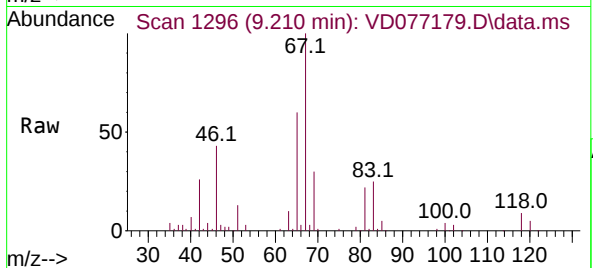
ClientSampleId :

Tgt Ion: 63 Resp: 10967

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD077179.D

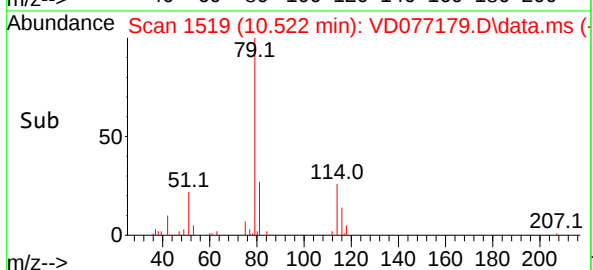
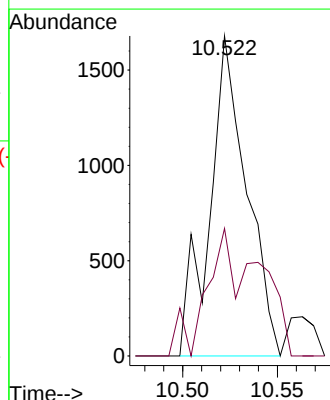
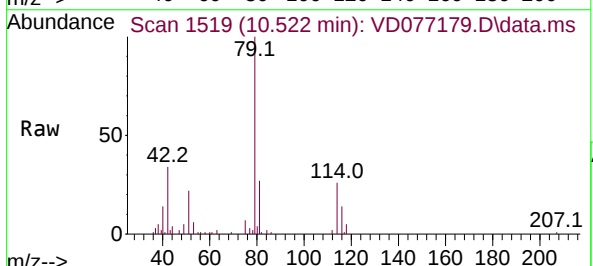
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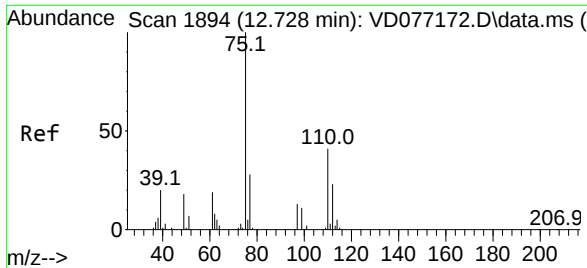
Tgt Ion: 75 Resp: 2298

Ion Ratio Lower Upper

75 100

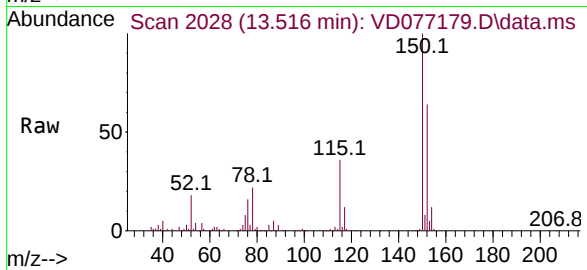
77 39.8 22.5 41.9





#61
 1,2,3-Trichloropropane
 Concen: 6.252 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD077179.D
 Acq: 21 Sep 2023 14:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	14150
Ion Ratio	Lower	Upper
75	100	
77	32.5	26.6 40.0
110	3.4	33.6 50.4#

