

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077546.D
 Acq On : 13 Nov 2023 13:55
 Operator : JC/SY
 Sample : 05296-18
 Misc : 5.17G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:42:18 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)

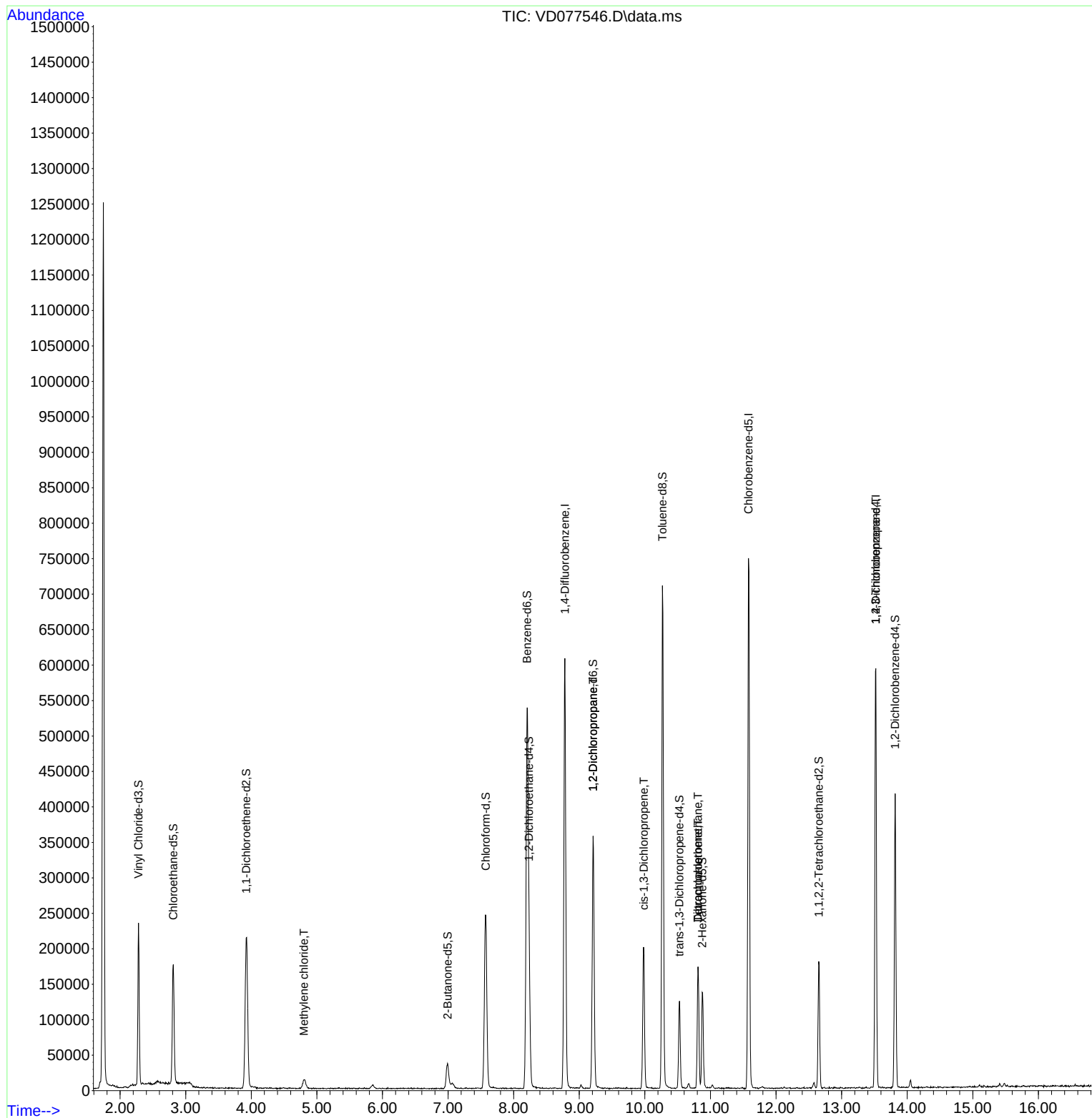
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	490579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	406077	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	152463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	205978	16.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
7) Chloroethane-d5	2.811	69	174485	17.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	3.922	65	66782	17.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.240%
21) 2-Butanone-d5	6.993	46	63670	29.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.940%
24) Chloroform-d	7.575	84	257648	18.181	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.720%
26) 1,2-Dichloroethane-d4	8.234	65	138399	18.360	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.440%
32) Benzene-d6	8.204	84	548482	20.811	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.240%
36) 1,2-Dichloropropane-d6	9.210	67	175205	20.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.640%
41) Toluene-d8	10.269	98	468384	19.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.680%
43) trans-1,3-Dichloroprop...	10.528	79	69214	18.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.800%
47) 2-Hexanone-d5	10.875	63	50022	32.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92371	16.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	98742	18.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.840%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	8419	1.016	ug/L	94
37) 1,2-Dichloropropane	9.210	63	18851	2.408	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	4967	0.413	ug/L #	71
46) Tetrachloroethene	10.810	164	37335	7.272	ug/L	98
49) Dibromochloromethane	10.810	129	33647	6.190	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	22285	6.862	ug/L #	69

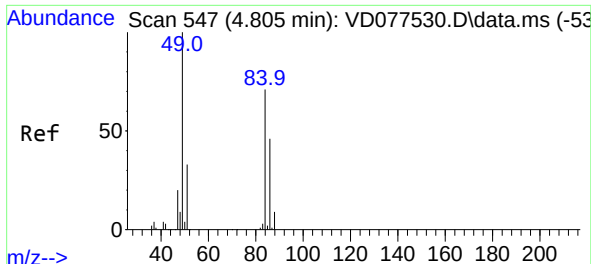
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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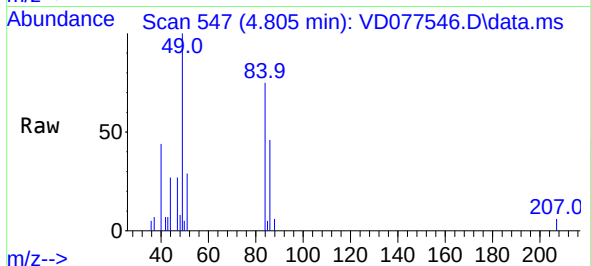
Quant Time: Nov 16 00:42:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration



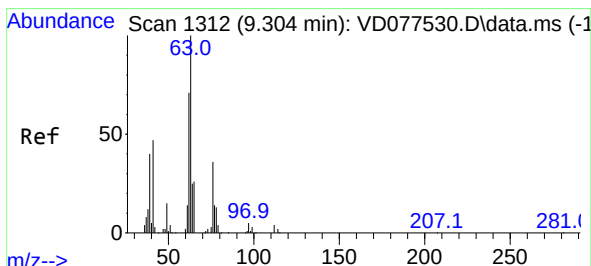
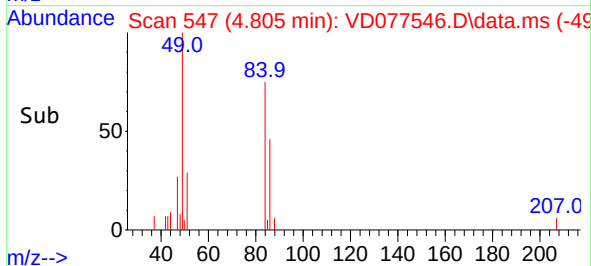
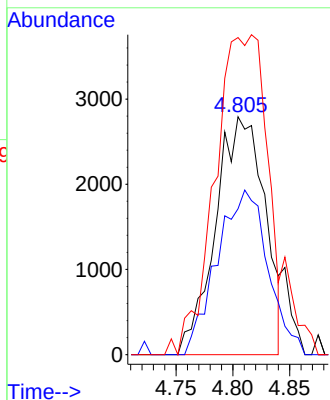


#16
Methylene chloride
Concen: 1.016 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

Instrument :
MSVOA_D
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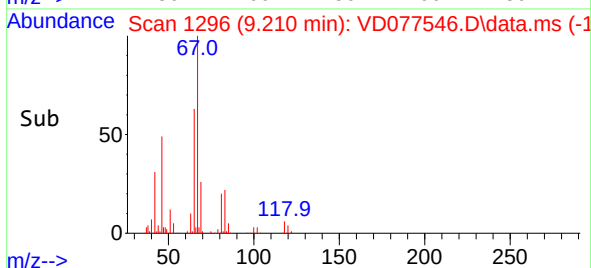
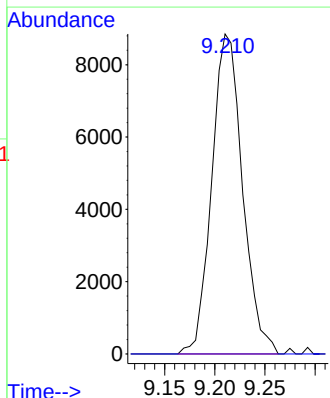
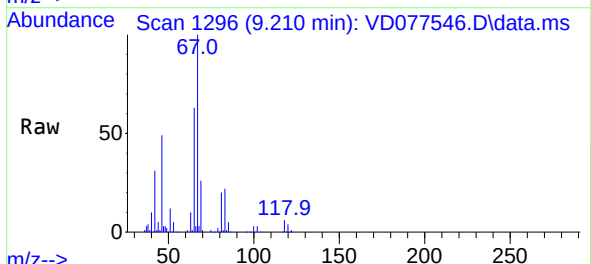


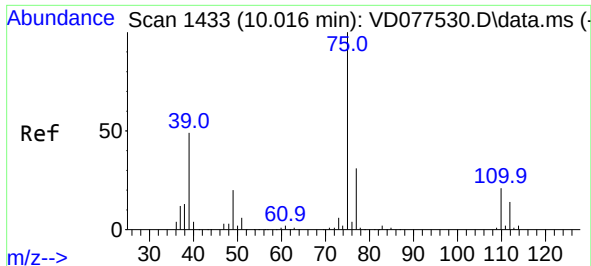
Tgt Ion: 84 Resp: 8419
Ion Ratio Lower Upper
84 100
86 61.3 46.5 86.5
49 133.3 98.3 182.7



#37
1,2-Dichloropropane
Concen: 2.408 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

Tgt Ion: 63 Resp: 18851
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

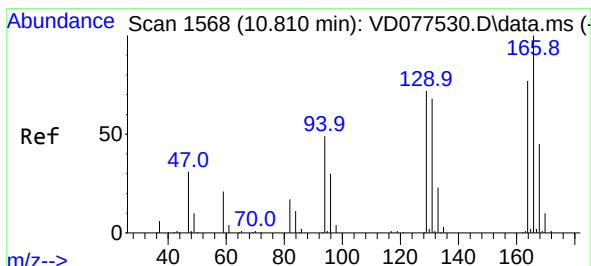
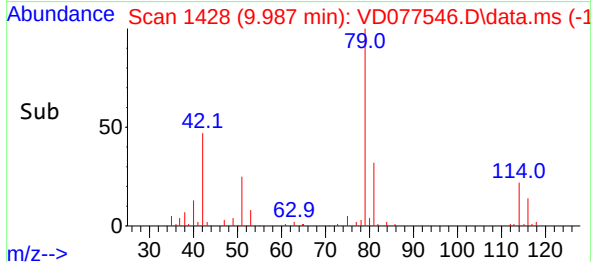
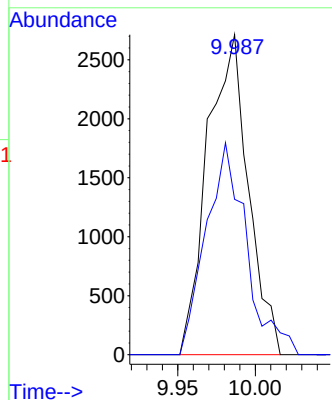
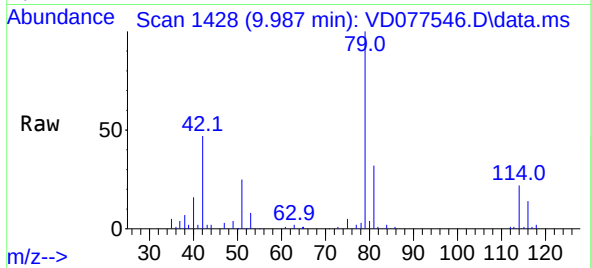




#39
cis-1,3-Dichloropropene
Concen: 0.413 ug/L
RT: 9.987 min Scan# 1433
Delta R.T. -0.030 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

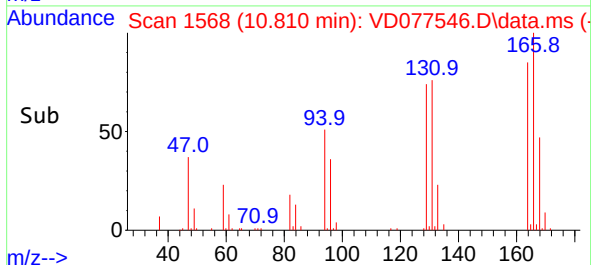
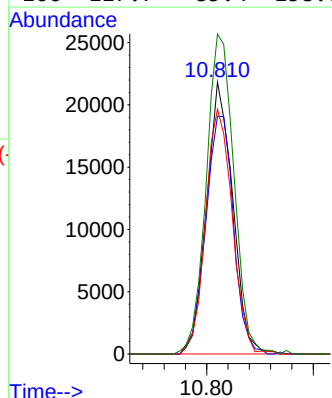
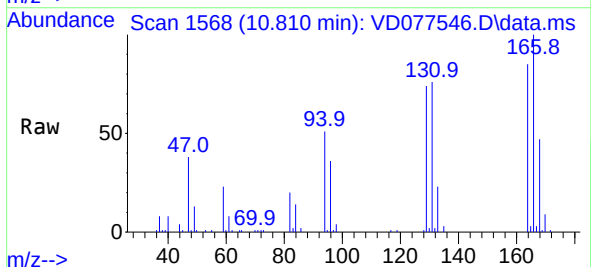
Instrument :
MSVOA_D
ClientSampleId :

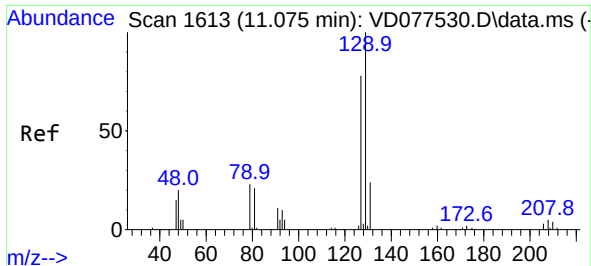
Tgt Ion: 75 Resp: 4967
Ion Ratio Lower Upper
75 100
77 48.6 22.5 41.9#



#46
Tetrachloroethene
Concen: 7.272 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

Tgt Ion:164 Resp: 37335
Ion Ratio Lower Upper
164 100
129 87.4 60.6 112.6
131 90.0 61.6 114.4
166 117.7 85.4 158.6

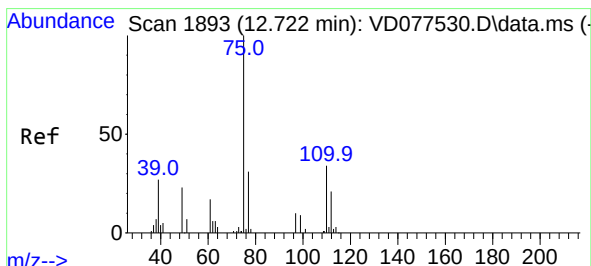
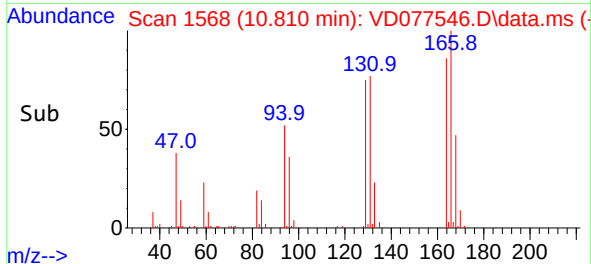
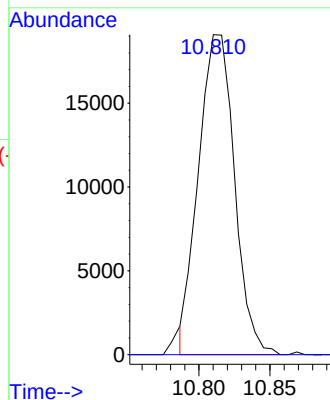
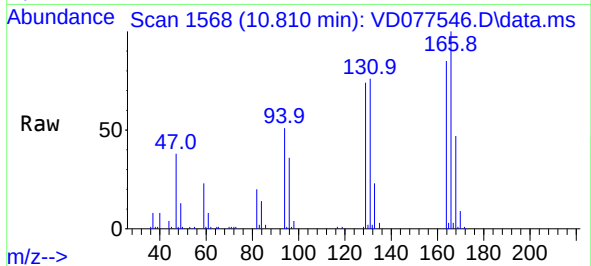




#49
Dibromochloromethane
Concen: 6.190 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:129 Resp: 33647
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



#61
1,2,3-Trichloropropane
Concen: 6.862 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.800 min
Lab File: VD077546.D
Acq: 13 Nov 2023 13:55

Tgt Ion: 75 Resp: 22285
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
110 3.1 29.6 44.4#

