

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077544.D
 Acq On : 13 Nov 2023 13:02
 Operator : JC/SY
 Sample : 05296-16
 Misc : 5.66G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:42:01 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

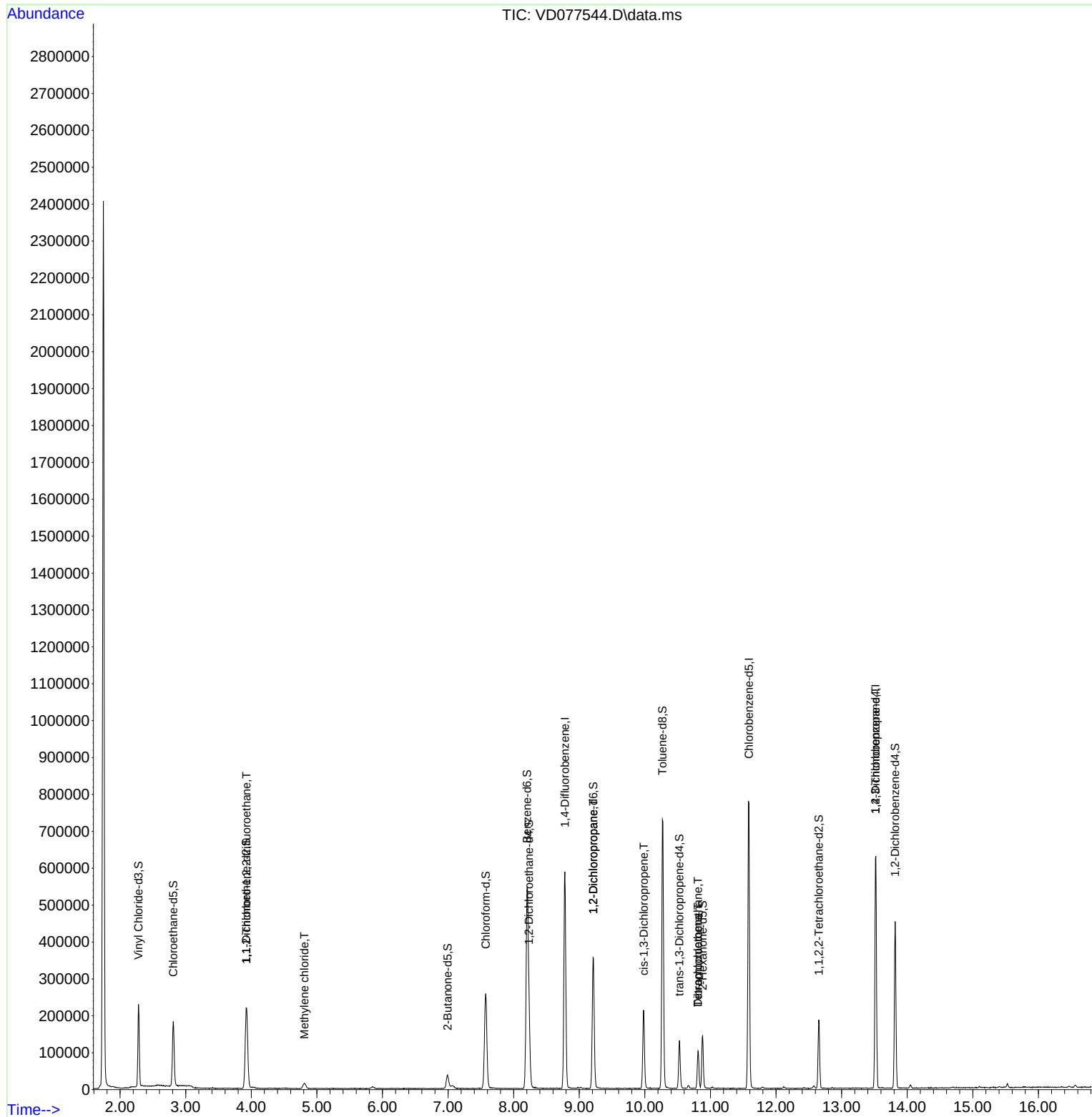
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	481932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	416934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	158937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	207728	16.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.811	69	176078	18.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.120%
11) 1,1-Dichloroethene-d2	3.922	65	69301	18.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.120%
21) 2-Butanone-d5	6.993	46	63007	29.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.360%
24) Chloroform-d	7.575	84	265562	19.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.320%
26) 1,2-Dichloroethane-d4	8.234	65	137503	18.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.280%
32) Benzene-d6	8.204	84	564839	20.873	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.480%
36) 1,2-Dichloropropane-d6	9.216	67	180246	20.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.800%
41) Toluene-d8	10.269	98	490566	20.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.240%
43) trans-1,3-Dichloroprop...	10.528	79	70680	18.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.400%
47) 2-Hexanone-d5	10.881	63	50345	31.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96878	16.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	110982	19.628	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.520%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1821	0.258	ug/L #	21
16) Methylene chloride	4.810	84	9620	1.182	ug/L	96
37) 1,2-Dichloropropane	9.216	63	19270	2.397	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	5313	0.430	ug/L #	69
46) Tetrachloroethene	10.810	164	21182	4.018	ug/L	89
49) Dibromochloromethane	10.810	129	19989	3.582	ug/L #	10
61) 1,2,3-Trichloropropane	13.516	75	24172	7.140	ug/L #	69

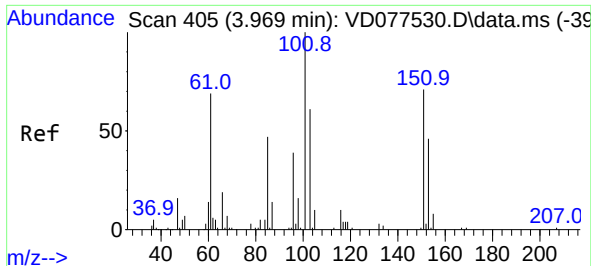
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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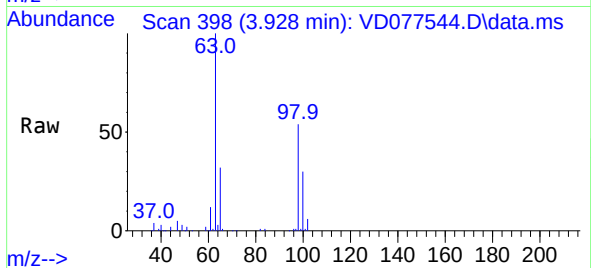
Quant Time: Nov 16 00:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
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QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration



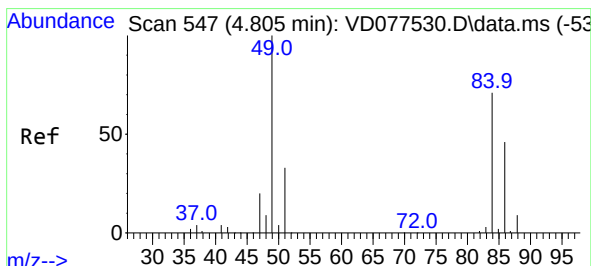
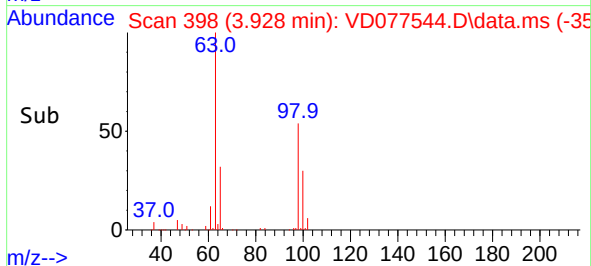
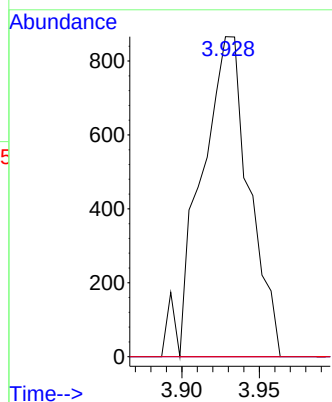


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.258 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.041 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

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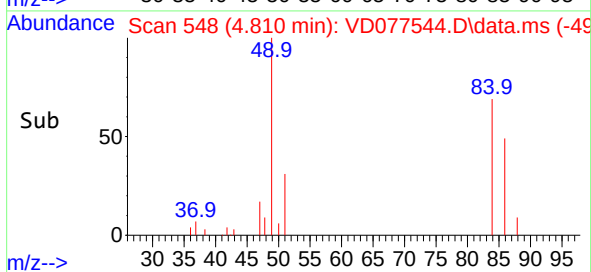
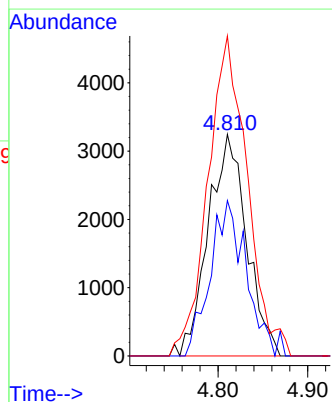
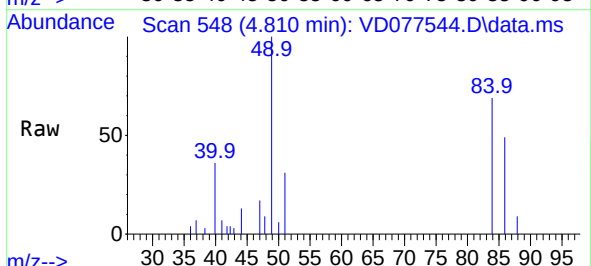


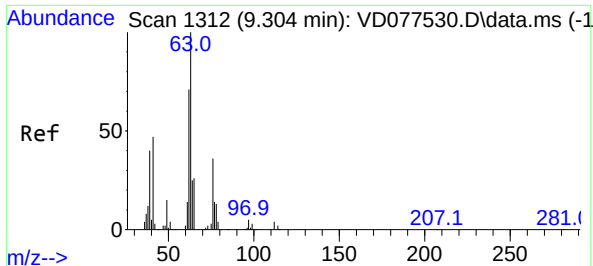
Tgt Ion:101 Resp: 1821
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 56.6 84.8#



#16
Methylene chloride
Concen: 1.182 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

Tgt Ion: 84 Resp: 9620
Ion Ratio Lower Upper
84 100
86 70.1 46.5 86.5
49 144.4 98.3 182.7

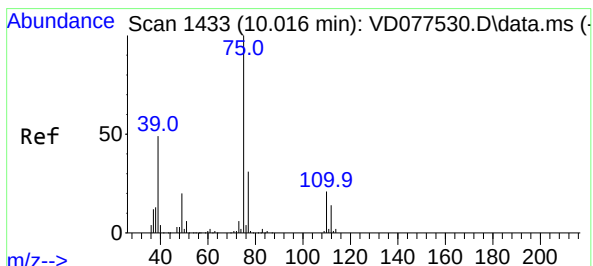
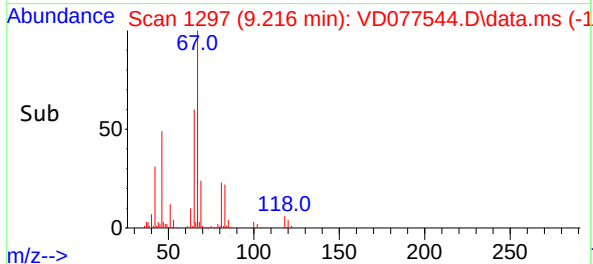
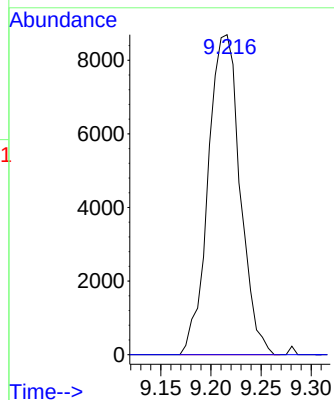
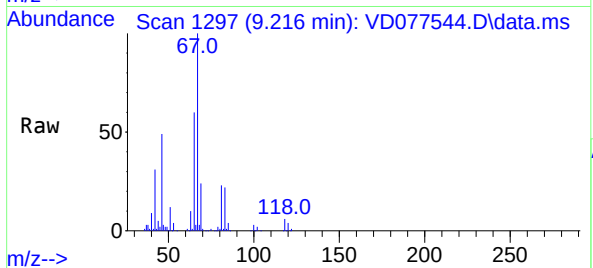




#37
1,2-Dichloropropane
Concen: 2.397 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

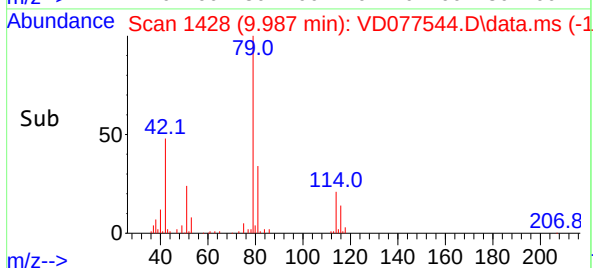
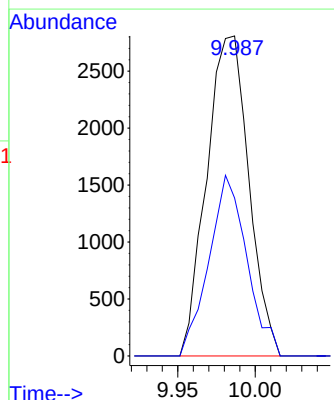
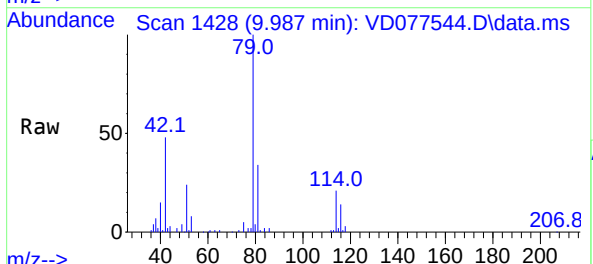
Instrument :
MSVOA_D
ClientSampleId :

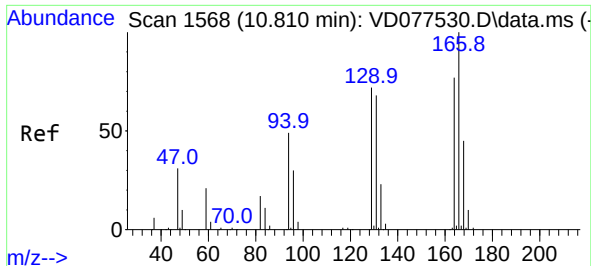
Tgt Ion: 63 Resp: 19270
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.430 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.030 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

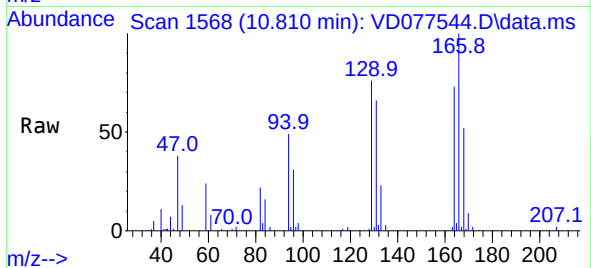
Tgt Ion: 75 Resp: 5313
Ion Ratio Lower Upper
75 100
77 49.4 22.5 41.9#





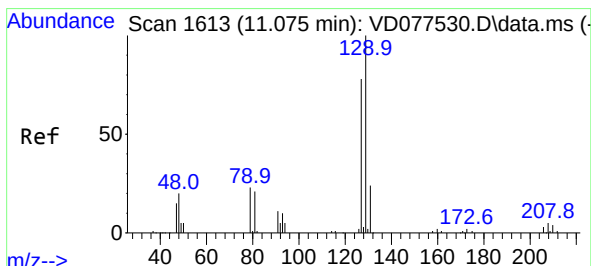
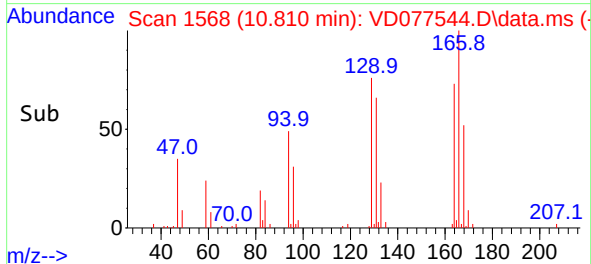
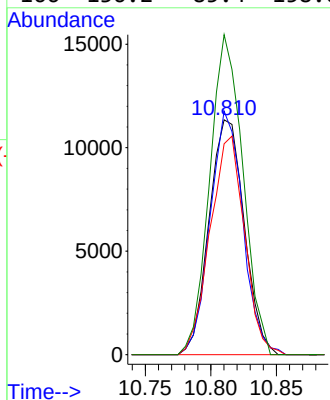
#46
Tetrachloroethene
Concen: 4.018 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 21182

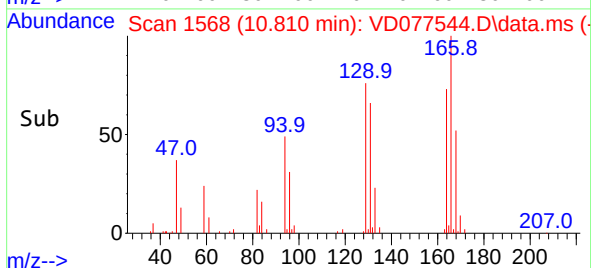
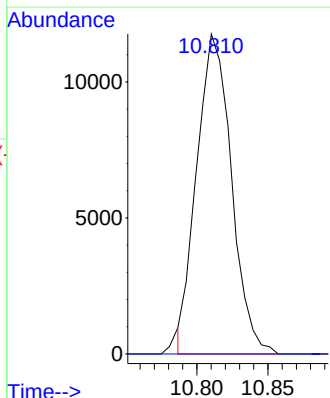
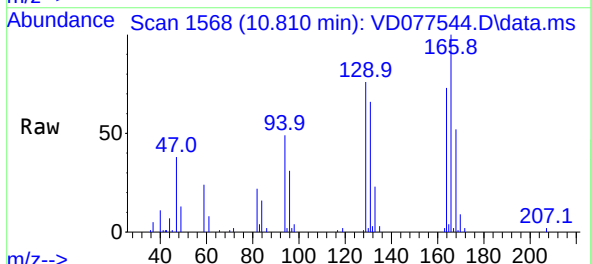
Ion	Ratio	Lower	Upper
164	100		
129	103.6	60.6	112.6
131	89.8	61.6	114.4
166	136.2	85.4	158.6

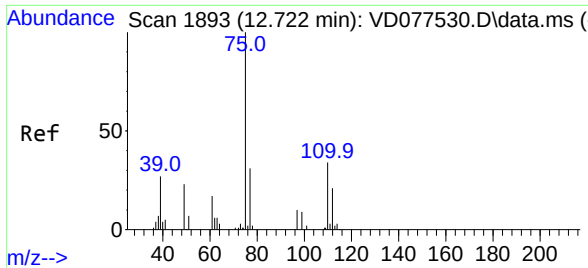


#49
Dibromochloromethane
Concen: 3.582 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

Tgt Ion:129 Resp: 19989

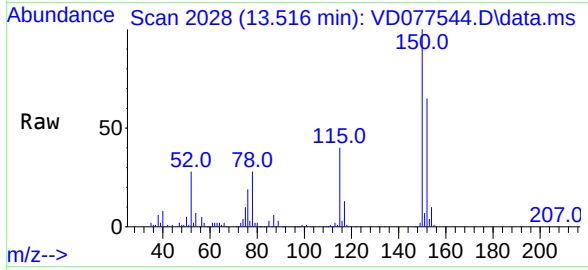
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#





#61
1,2,3-Trichloropropane
Concen: 7.140 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD077544.D
Acq: 13 Nov 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	24172
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
110	2.7	29.6	44.4#

