

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111623\
 Data File : VD077590.D
 Acq On : 16 Nov 2023 14:24
 Operator : JC/SY
 Sample : 05437-07
 Misc : 4.56G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 00:31:03 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)

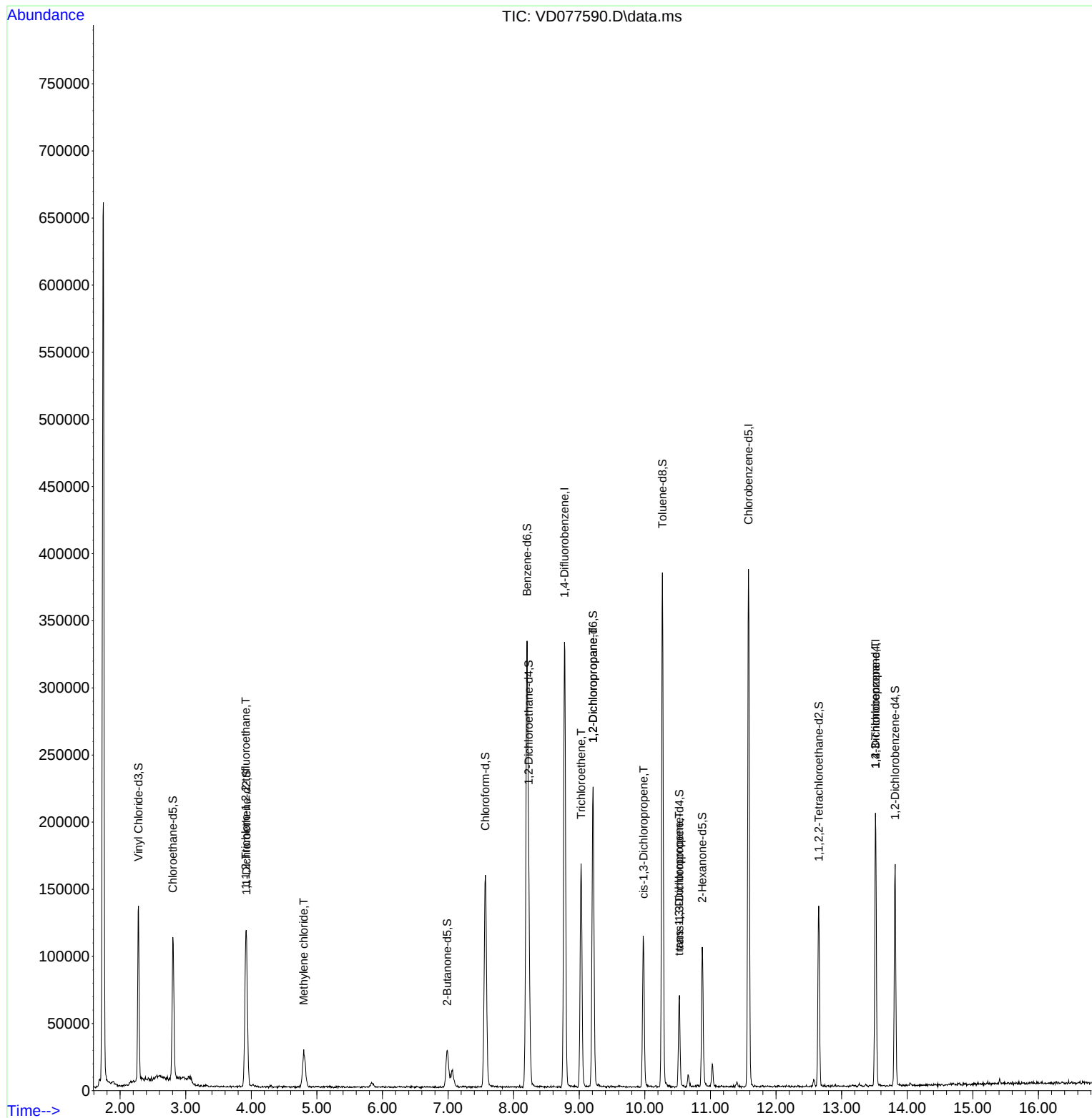
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	281063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	210123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	52340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	119232	16.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.720%
7) Chloroethane-d5	2.805	69	108357	19.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
11) 1,1-Dichloroethene-d2	3.928	65	35757	16.173	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.680%
21) 2-Butanone-d5	6.987	46	50504	40.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.600%
24) Chloroform-d	7.569	84	161459	19.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.560%
26) 1,2-Dichloroethane-d4	8.228	65	95297	22.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.204	84	322025	23.613	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.210	67	110792	24.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	10.269	98	257217	20.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.480%
43) trans-1,3-Dichloroprop...	10.528	79	38240	19.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.880%
47) 2-Hexanone-d5	10.875	63	35767	45.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68954	23.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	41110	22.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	871	0.212	ug/L #	21
16) Methylene chloride	4.799	84	18389	3.875	ug/L	88
34) Trichloroethene	9.028	95	59721	16.540	ug/L	92
37) 1,2-Dichloropropane	9.210	63	11974	2.956	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2841	0.456	ug/L #	47
44) trans-1,3-Dichloropropene	10.522	75	2189	0.426	ug/L	98
61) 1,2,3-Trichloropropane	13.516	75	7315	6.561	ug/L #	66

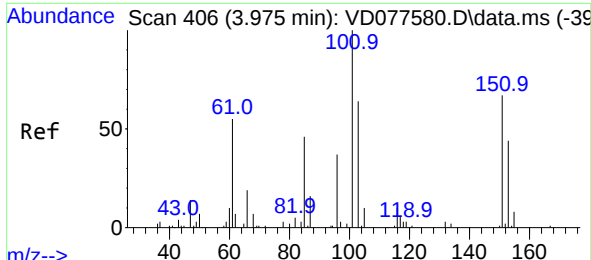
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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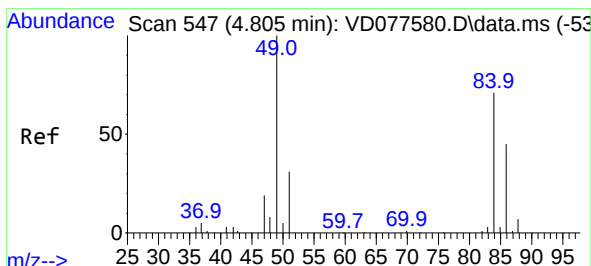
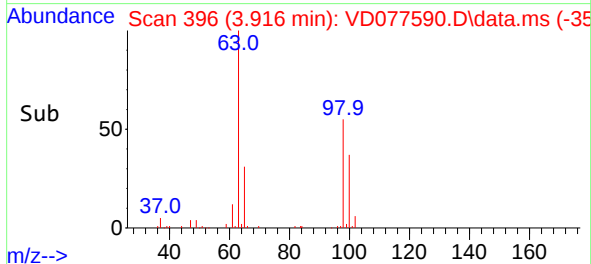
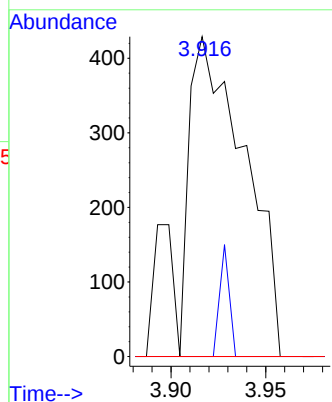
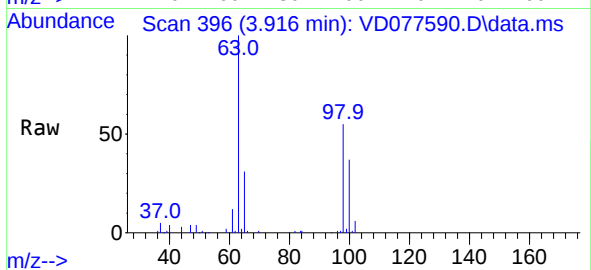


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.212 ug/L
RT: 3.916 min Scan# 396
Delta R.T. -0.053 min
Lab File: VD077590.D
Acq: 16 Nov 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 871

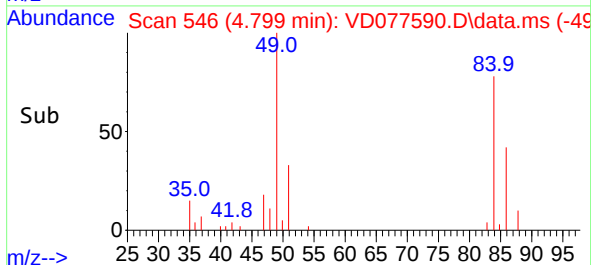
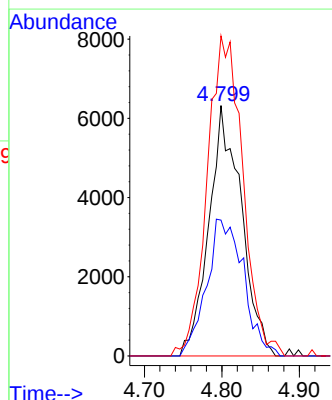
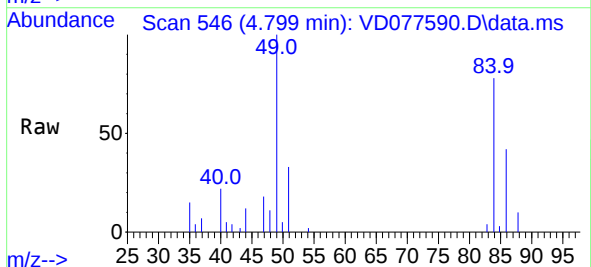
Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	56.6	84.8#

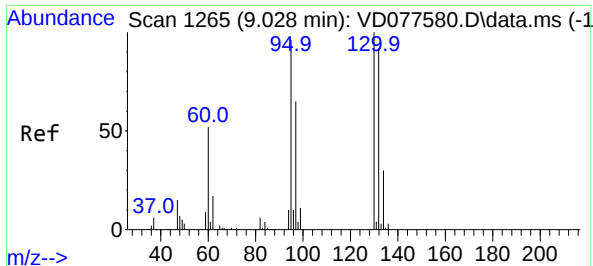


#16
Methylene chloride
Concen: 3.875 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077590.D
Acq: 16 Nov 2023 14:24

Tgt Ion: 84 Resp: 18389

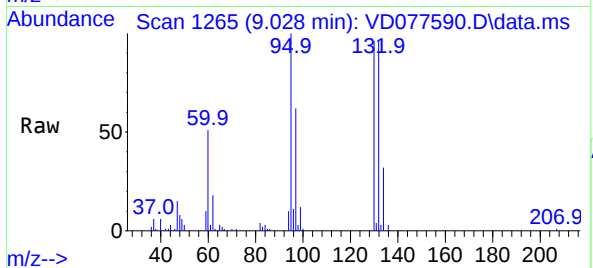
Ion	Ratio	Lower	Upper
84	100		
86	54.3	46.5	86.5
49	127.8	98.3	182.7



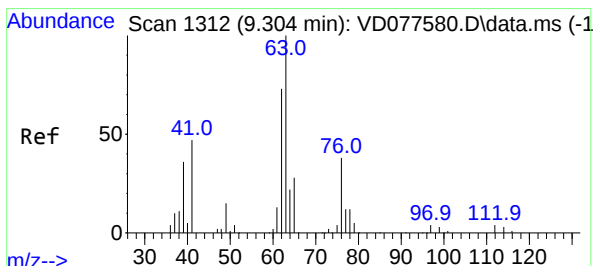
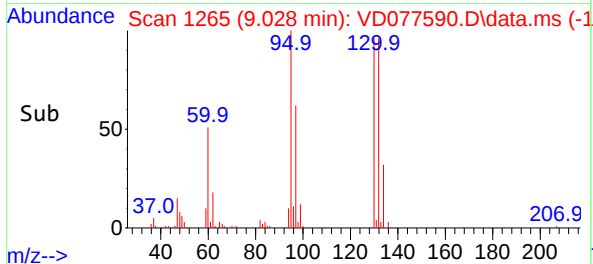
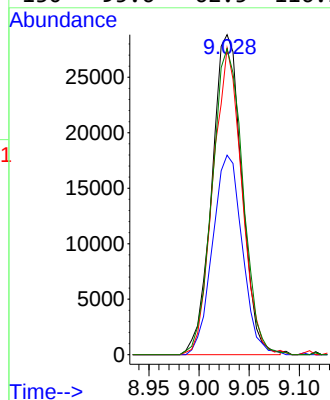


#34
Trichloroethene
Concen: 16.540 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077590.D
Acq: 16 Nov 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

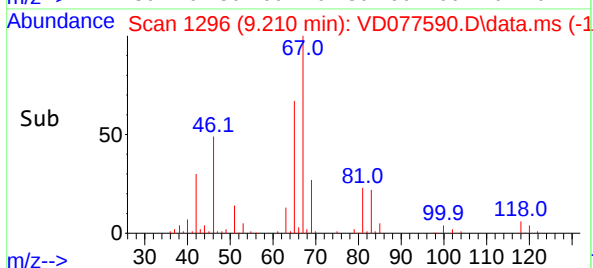
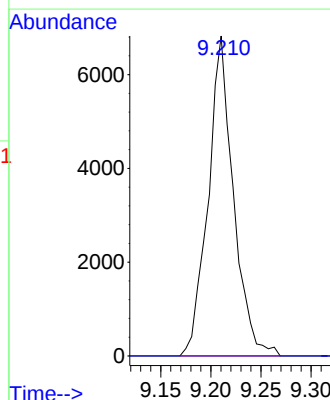
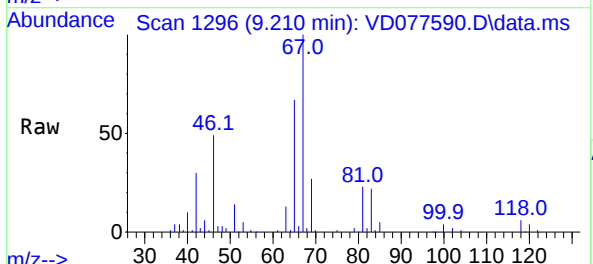


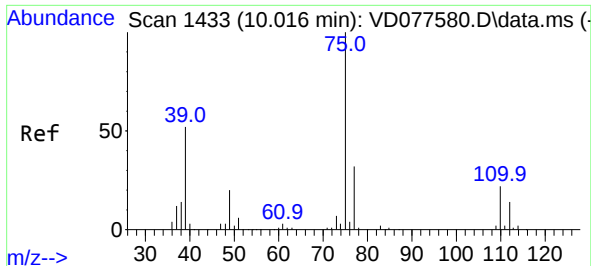
Tgt Ion: 95 Resp: 59721
Ion Ratio Lower Upper
95 100
97 62.4 42.4 78.6
132 95.8 59.4 110.2
130 95.6 62.5 116.1



#37
1,2-Dichloropropane
Concen: 2.956 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077590.D
Acq: 16 Nov 2023 14:24

Tgt Ion: 63 Resp: 11974
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.456 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD077590.D

Acq: 16 Nov 2023 14:24

Instrument :

MSVOA_D

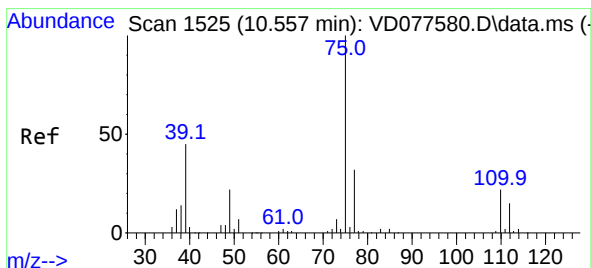
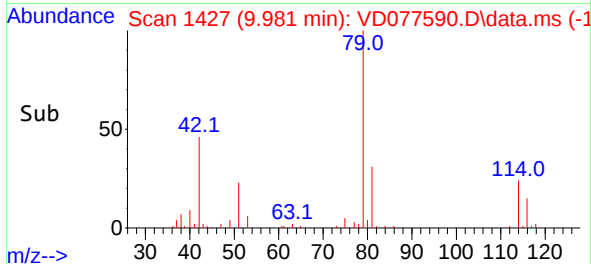
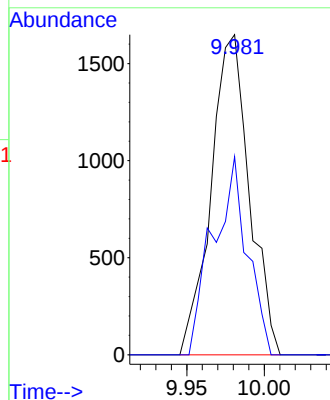
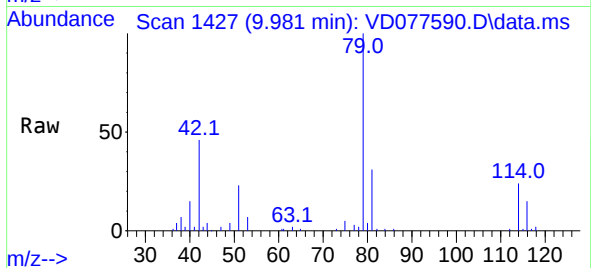
ClientSampleId :

Tgt Ion: 75 Resp: 2841

Ion Ratio Lower Upper

75 100

77 61.9 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.035 min

Lab File: VD077590.D

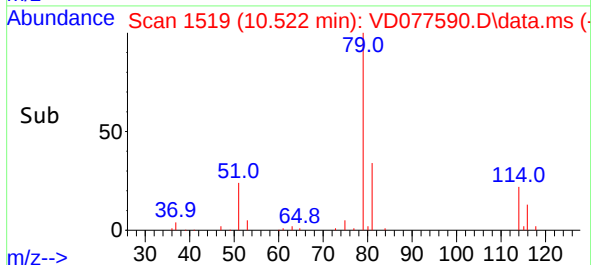
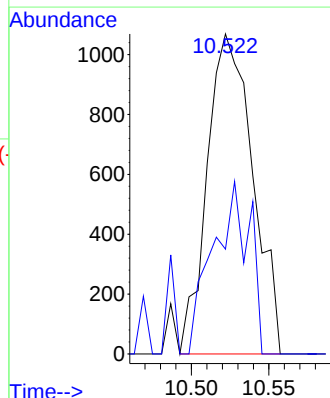
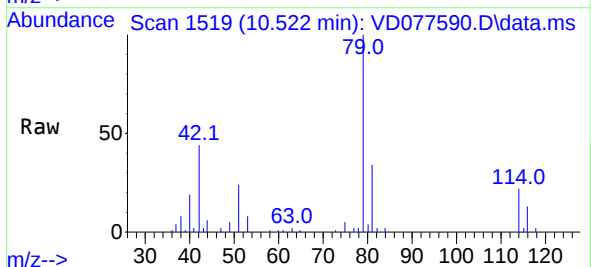
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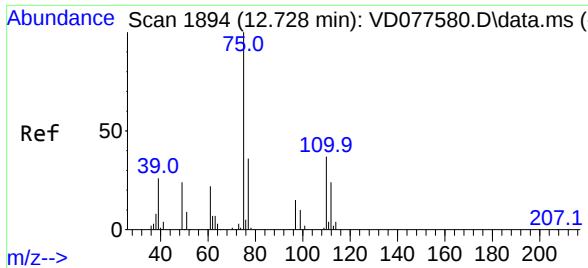
Tgt Ion: 75 Resp: 2189

Ion Ratio Lower Upper

75 100

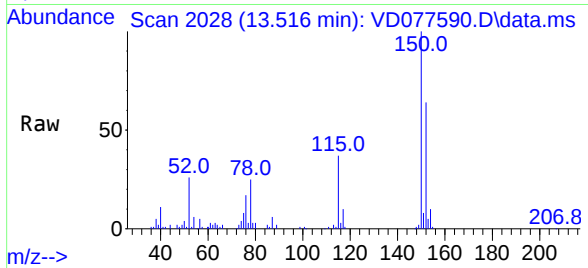
77 32.7 22.3 41.5





#61
 1,2,3-Trichloropropane
 Concen: 6.561 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD077590.D
 Acq: 16 Nov 2023 14:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 7315

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.6	38.4
110	0.0	29.6	44.4#

