

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077612.D
 Acq On : 17 Nov 2023 14:47
 Operator : JC/SY
 Sample : 05456-01
 Misc : 2.82G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

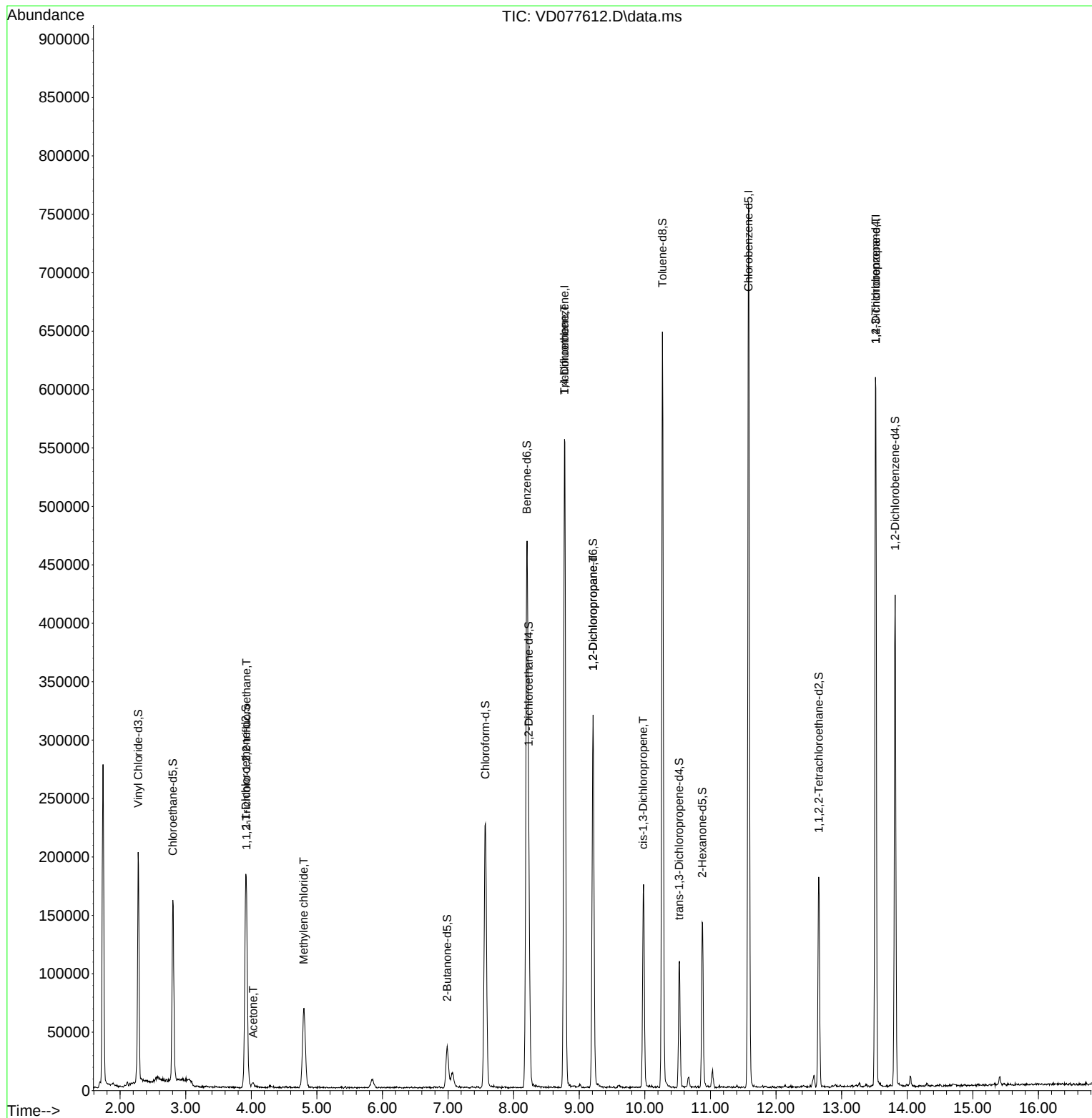
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	470203	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	403894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	158640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	181958	15.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.840%
7) Chloroethane-d5	2.805	69	160132	17.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
11) 1,1-Dichloroethene-d2	3.916	65	57272	15.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.920%
21) 2-Butanone-d5	6.987	46	63855	30.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.660%
24) Chloroform-d	7.569	84	237902	17.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.040%
26) 1,2-Dichloroethane-d4	8.228	65	121373	16.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.200%#
32) Benzene-d6	8.198	84	487328	18.590	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.360%
36) 1,2-Dichloropropane-d6	9.210	67	157293	18.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.680%
41) Toluene-d8	10.269	98	428773	18.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	10.522	79	60330	16.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.560%
47) 2-Hexanone-d5	10.875	63	49459	32.379	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95000	16.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	104218	18.466	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.880%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1733	0.252	ug/L #	21
13) Acetone	4.028	43	6114	2.809	ug/L	73
16) Methylene chloride	4.799	84	48033	6.050	ug/L	91
34) Trichloroethene	8.775	95	14119	2.034	ug/L #	10
37) 1,2-Dichloropropane	9.210	63	16940	2.176	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	5011	0.419	ug/L #	63
61) 1,2,3-Trichloropropane	13.522	75	21960	6.499	ug/L #	67

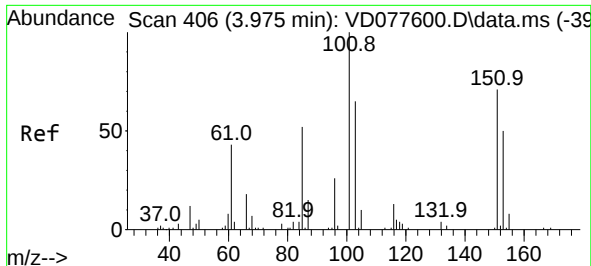
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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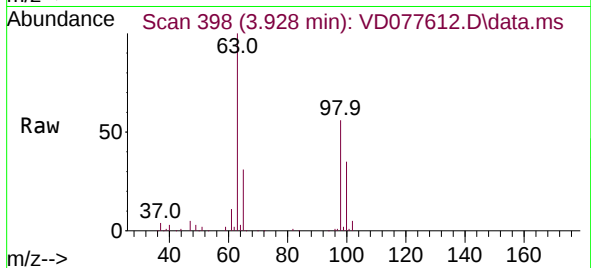
Quant Time: Nov 18 00:38:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
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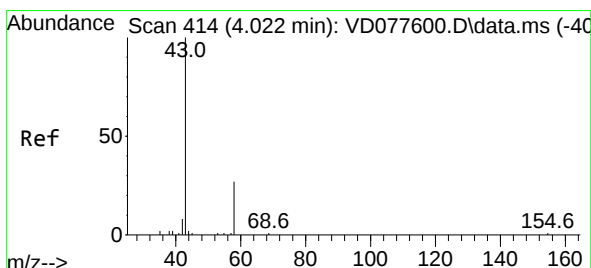
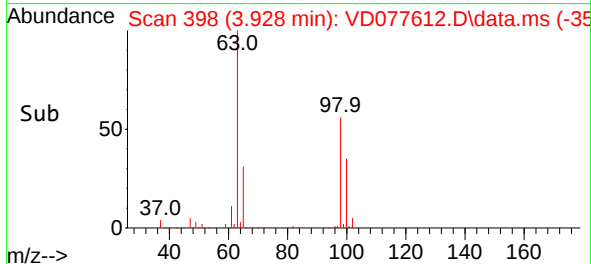
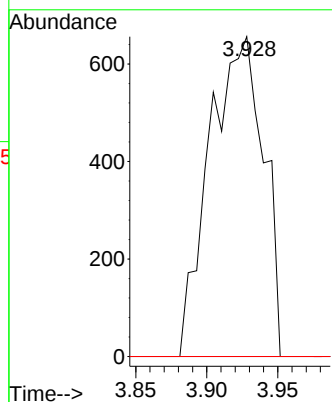


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.252 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.047 min
 Lab File: VD077612.D
 Acq: 17 Nov 2023 14:47

Instrument :
 MSVOA_D
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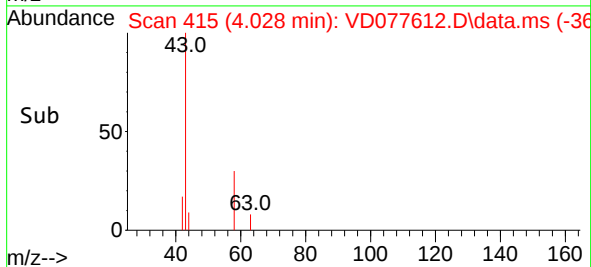
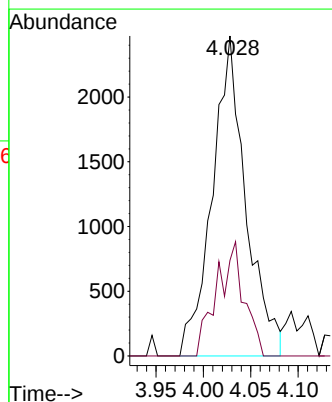
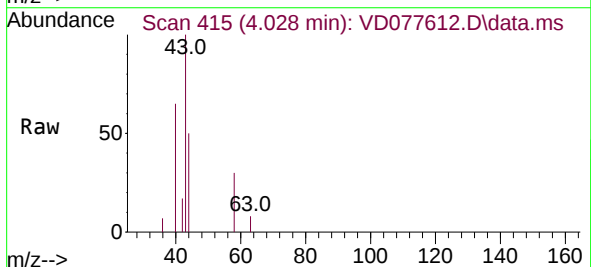


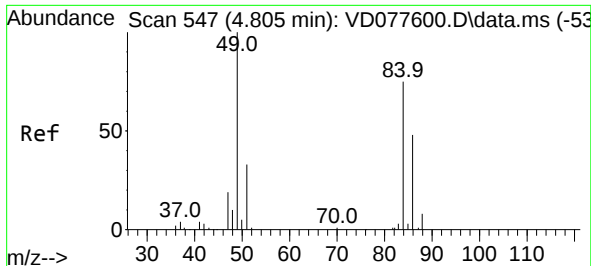
Tgt Ion:101 Resp: 1733
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 56.6 84.8#



#13
 Acetone
 Concen: 2.809 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VD077612.D
 Acq: 17 Nov 2023 14:47

Tgt Ion: 43 Resp: 6114
 Ion Ratio Lower Upper
 43 100
 58 16.9 0.0 64.0

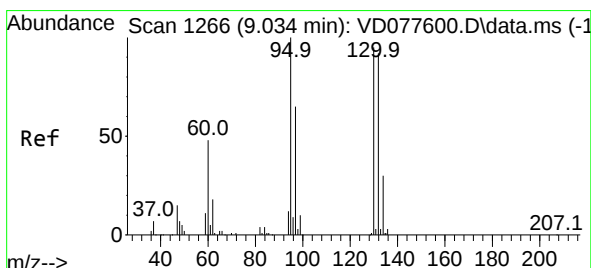
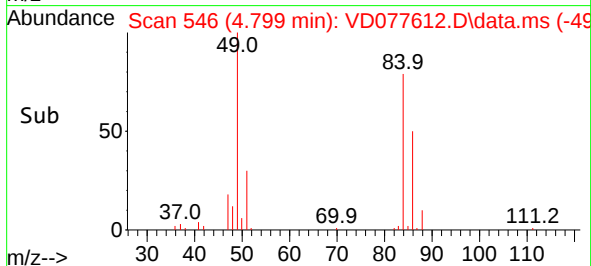
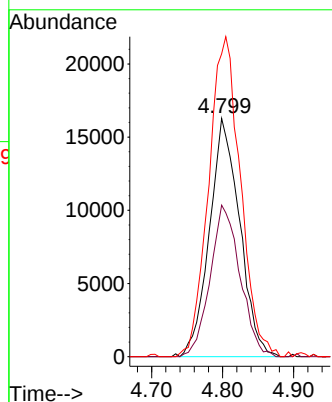
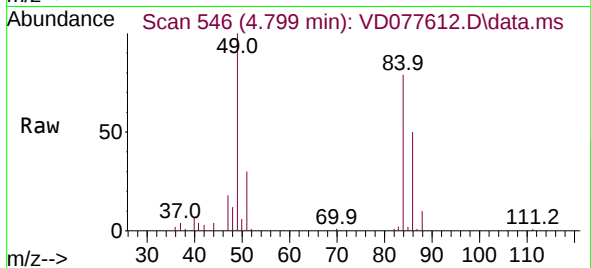




#16
Methylene chloride
Concen: 6.050 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077612.D
Acq: 17 Nov 2023 14:47

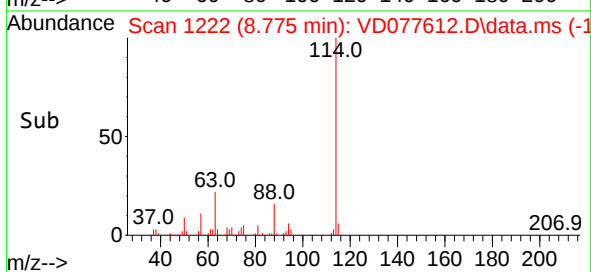
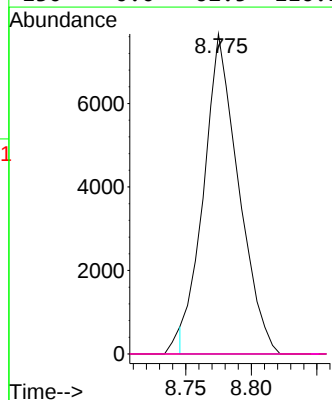
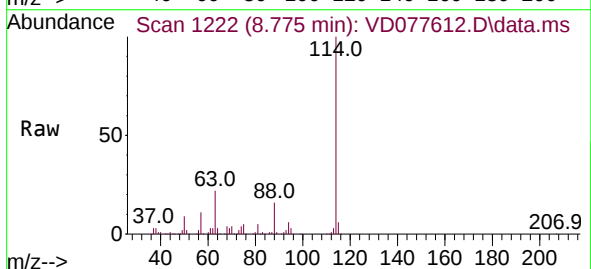
Instrument :
MSVOA_D
ClientSampleId :

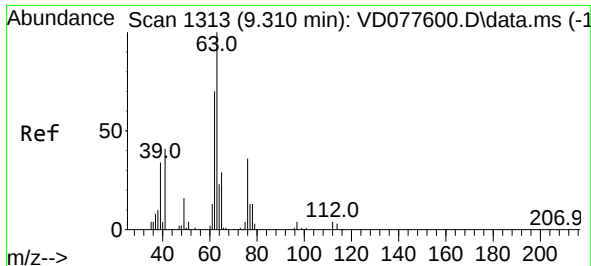
Tgt Ion: 84 Resp: 48033
Ion Ratio Lower Upper
84 100
86 63.6 46.5 86.5
49 127.1 98.3 182.7



#34
Trichloroethene
Concen: 2.034 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.259 min
Lab File: VD077612.D
Acq: 17 Nov 2023 14:47

Tgt Ion: 95 Resp: 14119
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#

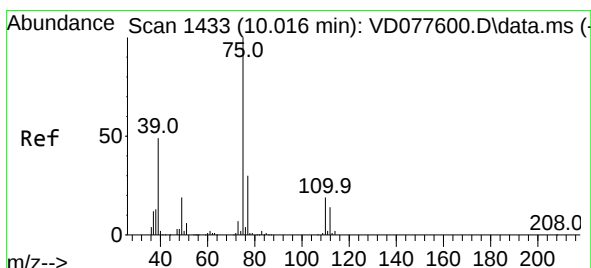
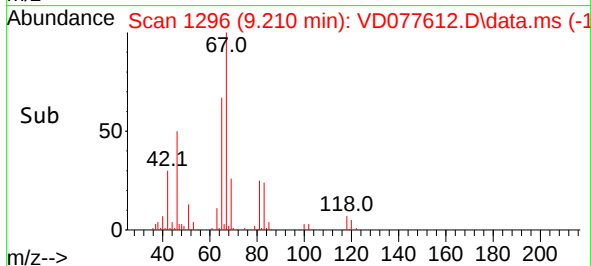
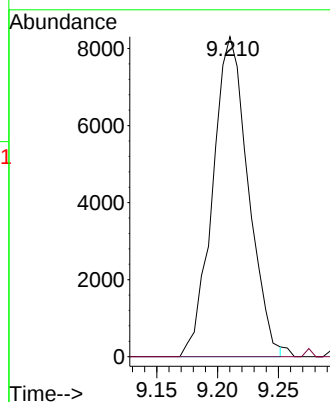
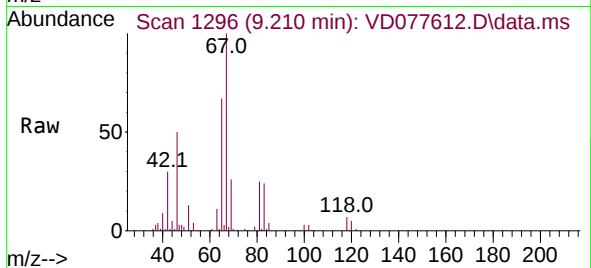




#37
1,2-Dichloropropane
Concen: 2.176 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD077612.D
Acq: 17 Nov 2023 14:47

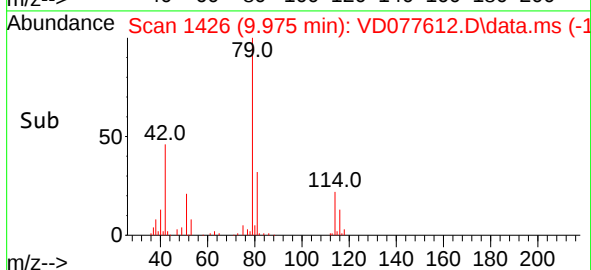
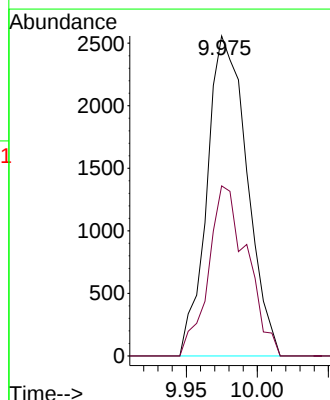
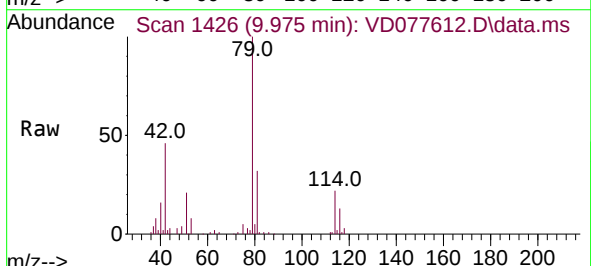
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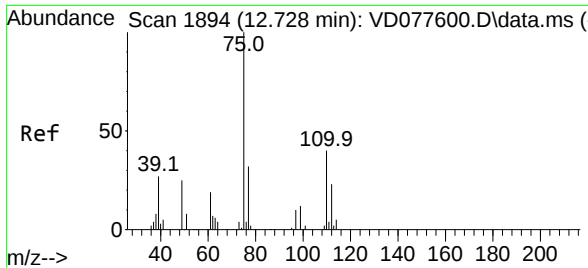
Tgt Ion: 63 Resp: 16940
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.419 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077612.D
Acq: 17 Nov 2023 14:47

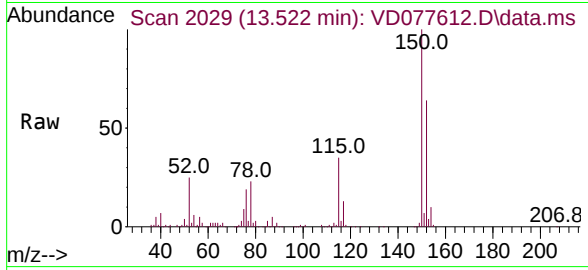
Tgt Ion: 75 Resp: 5011
Ion Ratio Lower Upper
75 100
77 53.1 22.5 41.9#





#61
 1,2,3-Trichloropropane
 Concen: 6.499 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD077612.D
 Acq: 17 Nov 2023 14:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	21960
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.6	38.4
110	2.1	29.6	44.4#

