

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077090.D
 Acq On : 12 Sep 2023 14:07
 Operator : JC/SY
 Sample : 04386-01
 Misc : 2.71G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:49:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

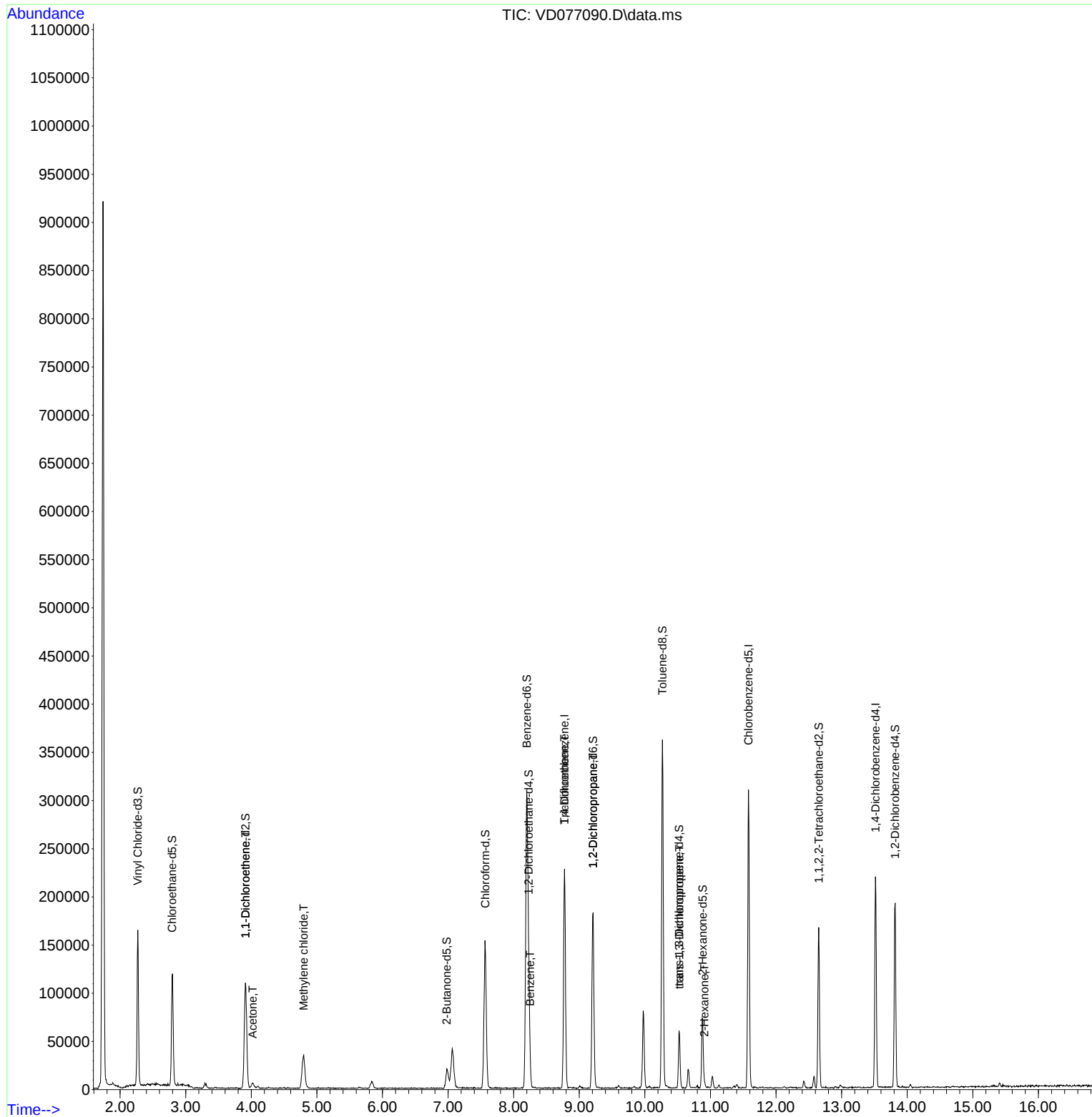
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	208606	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	189931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	62207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	139819	27.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.800%
7) Chloroethane-d5	2.793	69	120405	28.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.920%
11) 1,1-Dichloroethene-d2	3.911	65	31133	26.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.640%
21) 2-Butanone-d5	6.981	46	34167	52.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.520%
24) Chloroform-d	7.569	84	157203	27.540	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.160%
26) 1,2-Dichloroethane-d4	8.228	65	82951	30.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.640%
32) Benzene-d6	8.199	84	311352	29.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.720%
36) 1,2-Dichloropropane-d6	9.210	67	93977	31.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.960%#
41) Toluene-d8	10.269	98	260728	27.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.600%
43) trans-1,3-Dichloroprop...	10.522	79	34647	25.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.120%
47) 2-Hexanone-d5	10.881	63	25819	53.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82034	30.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.360%#
66) 1,2-Dichlorobenzene-d4	13.816	152	56118	28.106	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.911	96	1012	0.361	ug/L #	1
13) Acetone	4.022	43	8726	9.394	ug/L	98
16) Methylene chloride	4.799	84	27241	6.416	ug/L	98
33) Benzene	8.252	78	3858	0.338	ug/L	100
34) Trichloroethene	8.775	95	5797	1.916	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	10436	3.626	ug/L #	85
44) trans-1,3-Dichloropropene	10.528	75	1740	0.445	ug/L	93
48) 2-Hexanone	10.910	43	1350	1.107	ug/L #	50

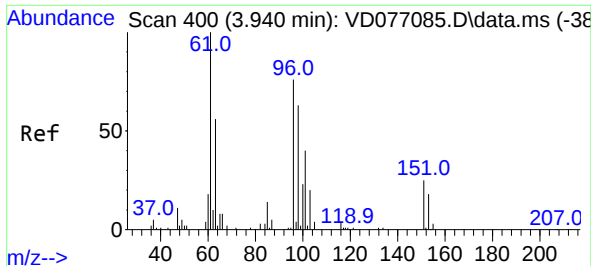
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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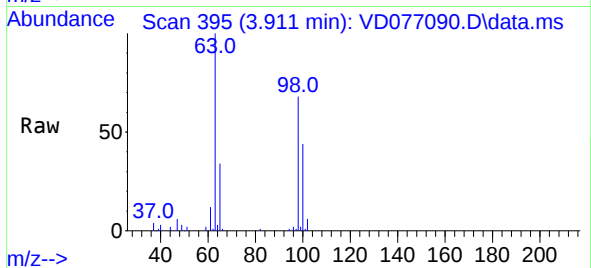
Quant Time: Sep 13 01:49:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration



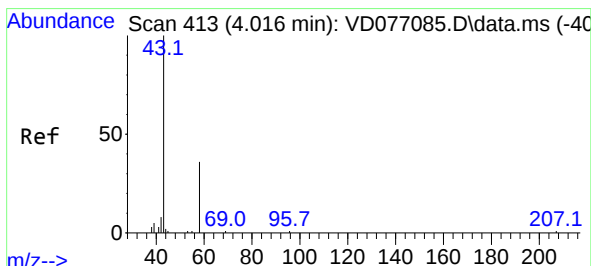
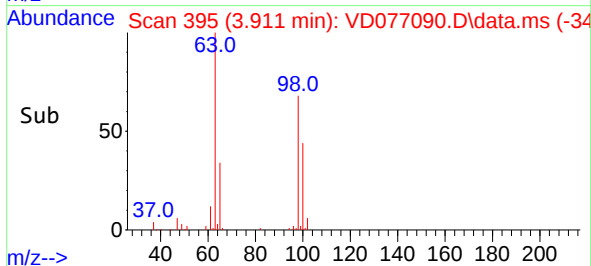
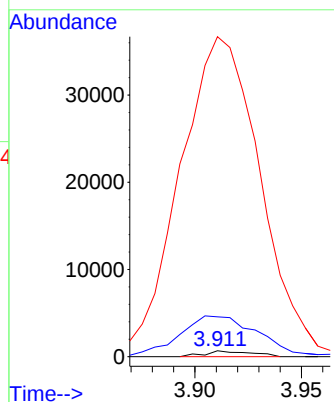


#12
1,1-Dichloroethene
Concen: 0.361 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.029 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :

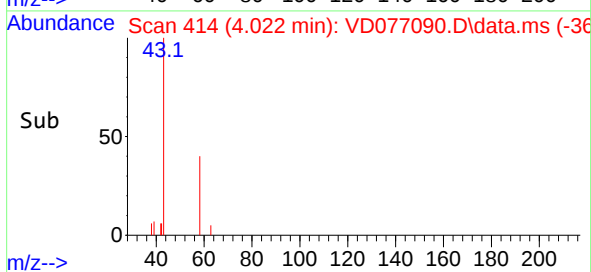
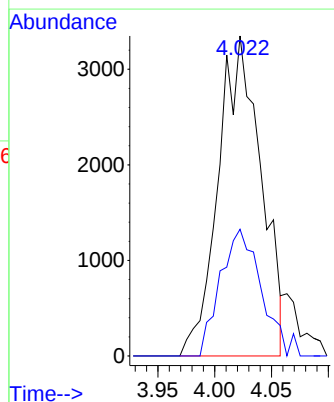
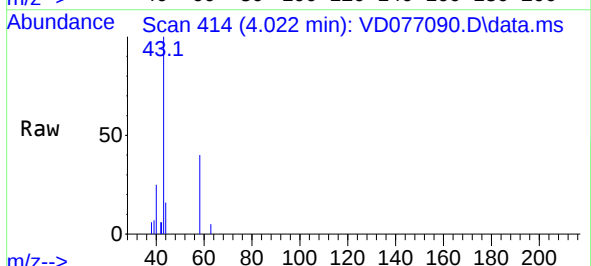


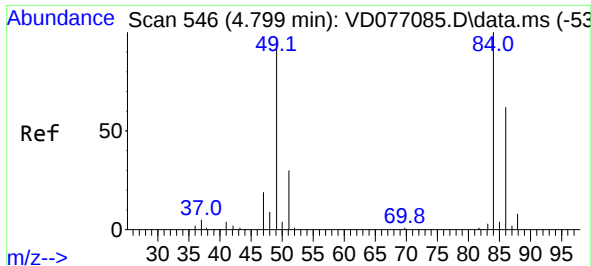
Tgt Ion: 96 Resp: 1012
Ion Ratio Lower Upper
96 100
61 675.7 95.5 177.3#
63 5429.6 68.6 127.4#



#13
Acetone
Concen: 9.394 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

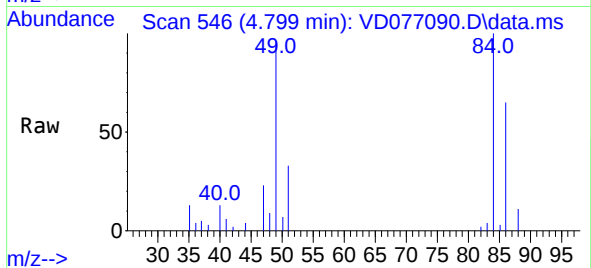
Tgt Ion: 43 Resp: 8726
Ion Ratio Lower Upper
43 100
58 37.2 0.0 71.8



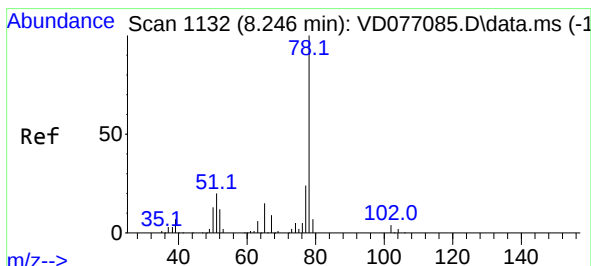
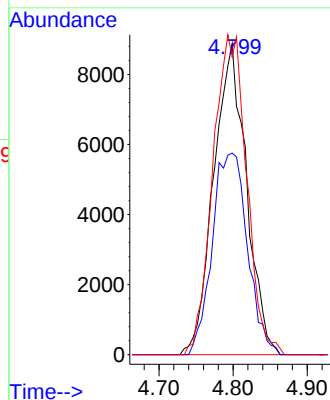
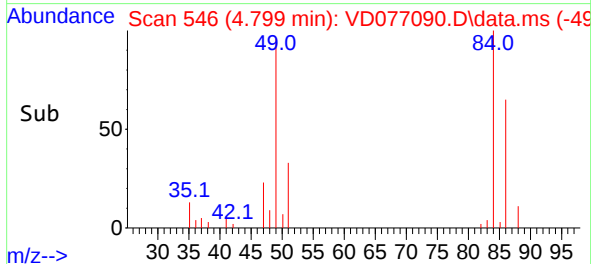


#16
Methylene chloride
Concen: 6.416 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

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MSVOA_D
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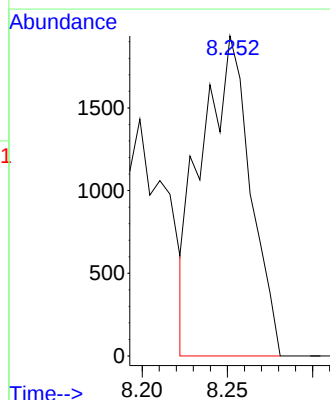
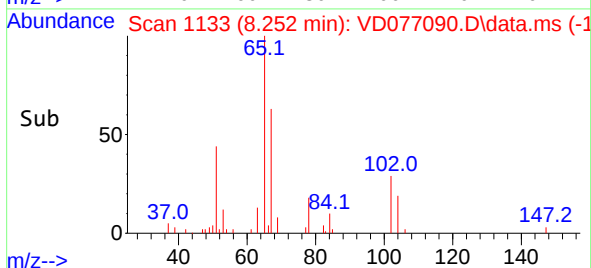
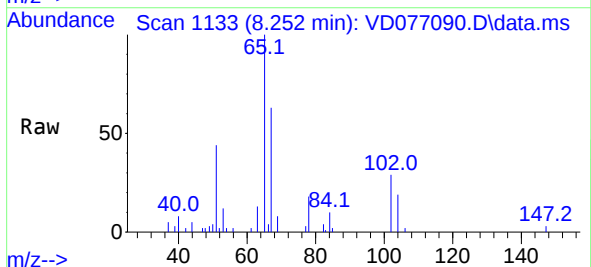


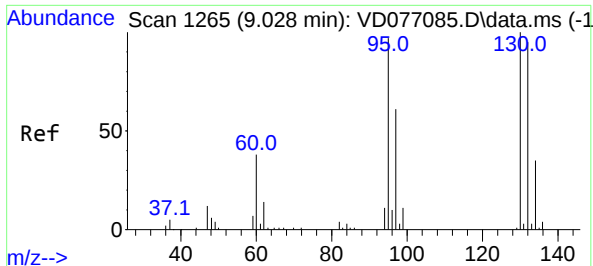
Tgt Ion: 84 Resp: 27241
Ion Ratio Lower Upper
84 100
86 64.8 45.3 84.1
49 95.7 69.2 128.6



#33
Benzene
Concen: 0.338 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

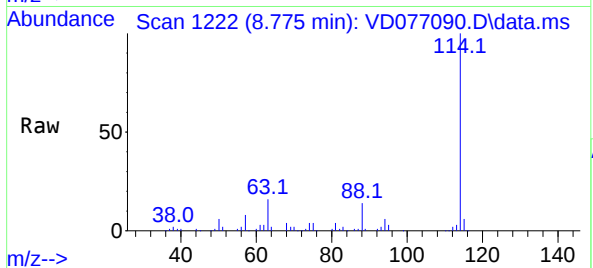
Tgt Ion: 78 Resp: 3858





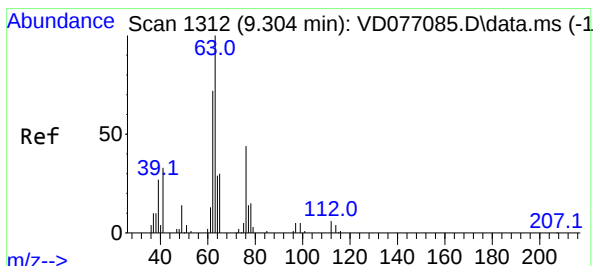
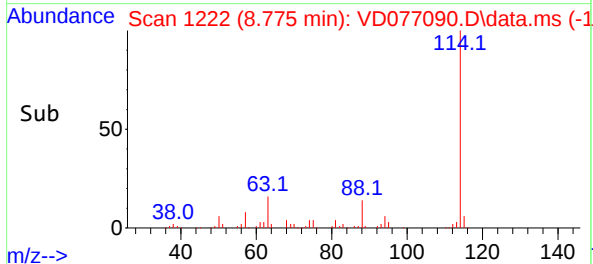
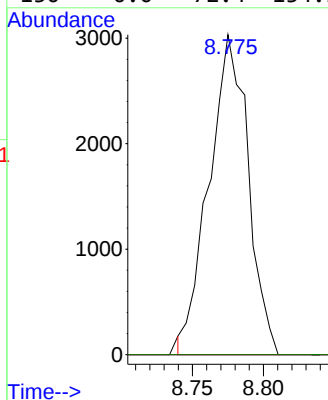
#34
Trichloroethene
Concen: 1.916 ug/L
RT: 8.775 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 5797

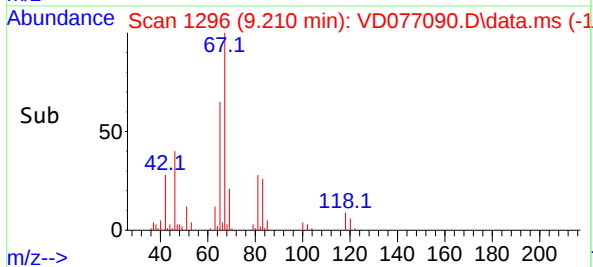
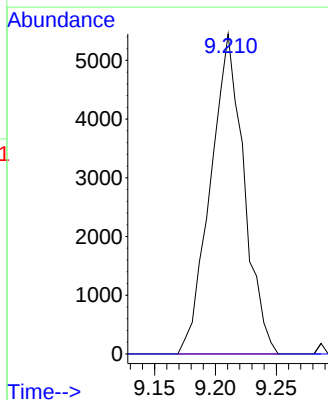
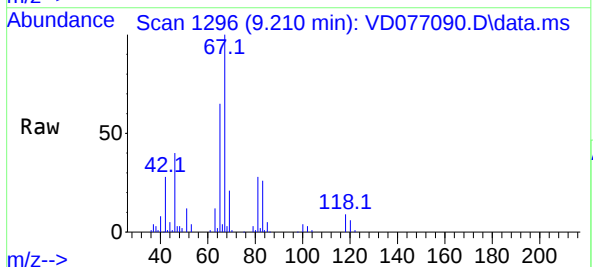
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.4	86.2#
132	0.0	70.1	130.1#
130	0.0	72.4	134.5#

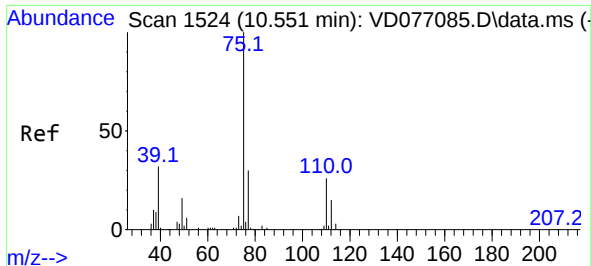


#37
1,2-Dichloropropane
Concen: 3.626 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

Tgt Ion: 63 Resp: 10436

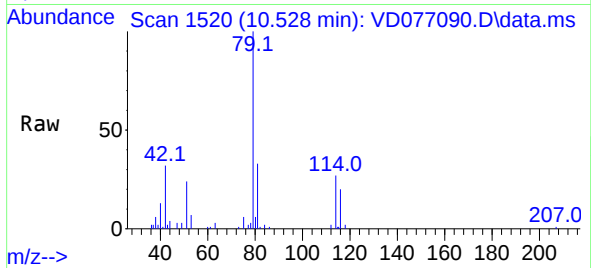
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#



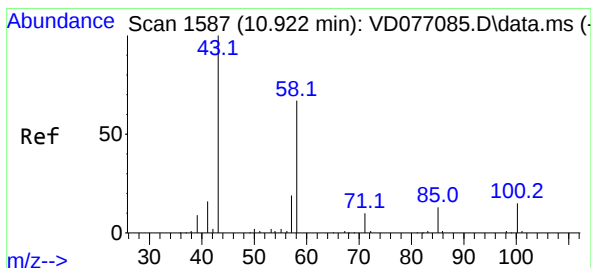
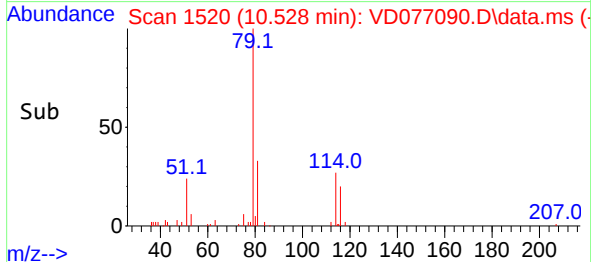
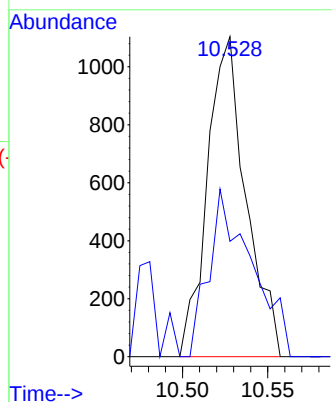


#44
trans-1,3-Dichloropropene
Concen: 0.445 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1740
Ion Ratio Lower Upper
75 100
77 36.1 22.5 41.9



#48
2-Hexanone
Concen: 1.107 ug/L
RT: 10.910 min Scan# 1585
Delta R.T. -0.012 min
Lab File: VD077090.D
Acq: 12 Sep 2023 14:07

Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 14.1 50.6 75.8#
57 11.7 16.6 24.8#
100 0.0 13.0 19.6#

