

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077540.D
 Acq On : 13 Nov 2023 11:16
 Operator : JC/SY
 Sample : 05296-03
 Misc : 5.59G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:41:29 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)

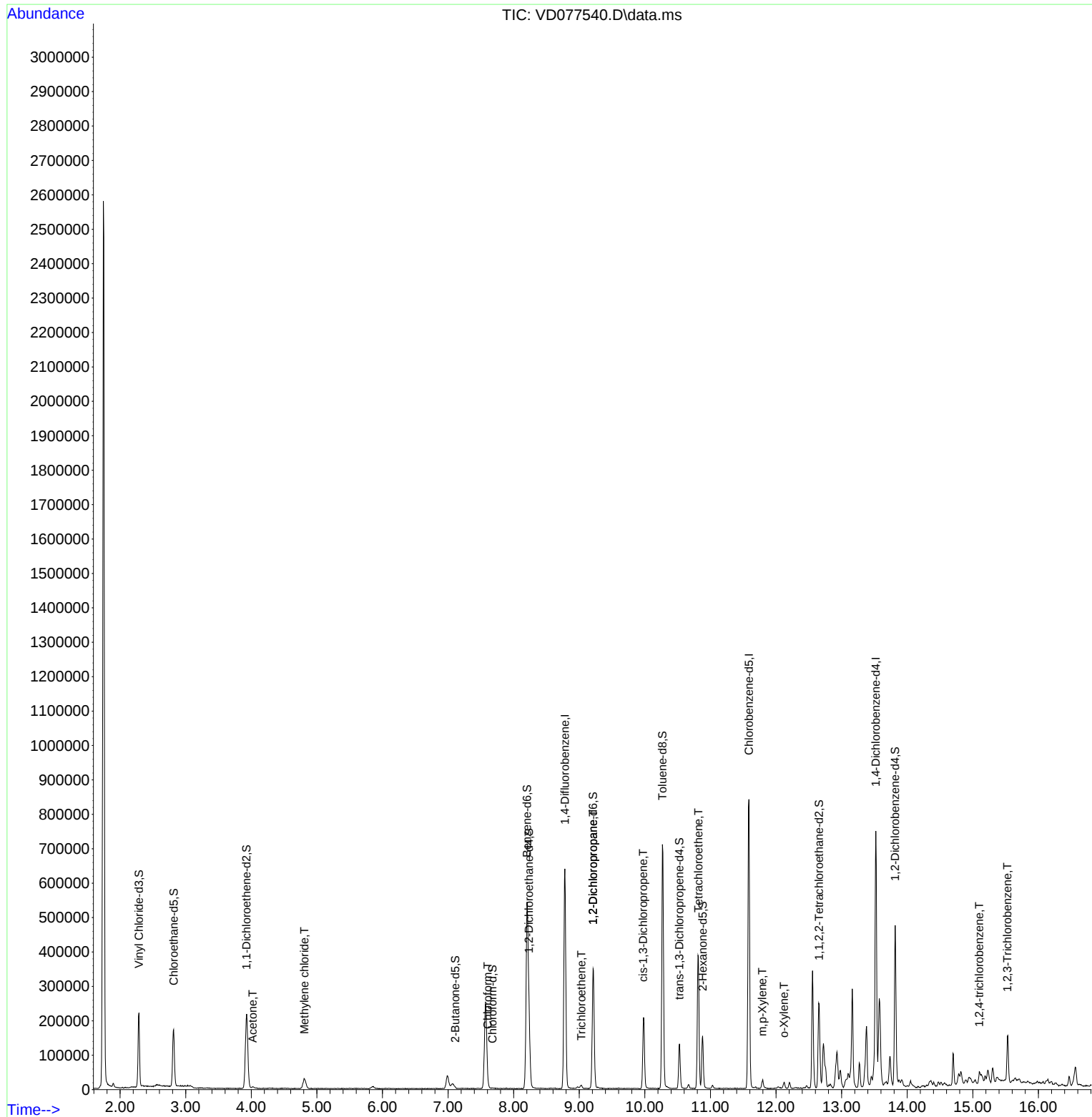
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	528377	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	446553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	178411	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	204791	15.236	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.960%
7) Chloroethane-d5	2.816	69	170734	16.169	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.680%
11) 1,1-Dichloroethene-d2	3.928	65	66019	15.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.520%
21) 2-Butanone-d5	7.110	46	391	0.168	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.340%#
24) Chloroform-d	7.675	84	353	0.023	ug/L	0.11
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.080%#
26) 1,2-Dichloroethane-d4	8.234	65	137227	16.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.600%#
32) Benzene-d6	8.204	84	537772	18.555	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	9.210	67	175582	18.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.400%
41) Toluene-d8	10.269	98	465413	17.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.080%
43) trans-1,3-Dichloroprop...	10.528	79	70834	17.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.600%
47) 2-Hexanone-d5	10.881	63	52825	31.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.560%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	97131	15.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	110430	17.399	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.600%#
Target Compounds						Qvalue
13) Acetone	4.022	43	7634	3.121	ug/L	67
16) Methylene chloride	4.810	84	19811	2.221	ug/L	95
25) Chloroform	7.604	83	6083	0.418	ug/L	97
34) Trichloroethene	9.034	95	3125	0.407	ug/L	87
37) 1,2-Dichloropropane	9.210	63	19671	2.285	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	5424	0.410	ug/L #	80
46) Tetrachloroethene	10.816	164	88070	15.599	ug/L	98
53) m,p-Xylene	11.792	106	6719	0.516	ug/L	99
54) o-Xylene	12.122	106	3813	0.306	ug/L	92
70) 1,2,4-trichlorobenzene	15.098	180	8197	1.206	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.527	180	9353	1.615	ug/L	99

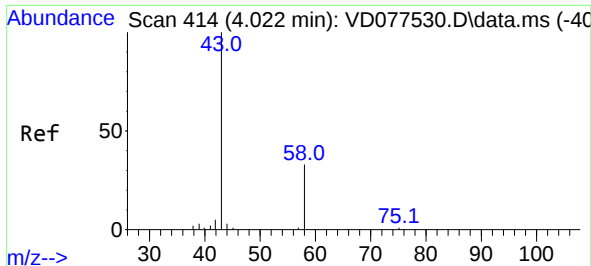
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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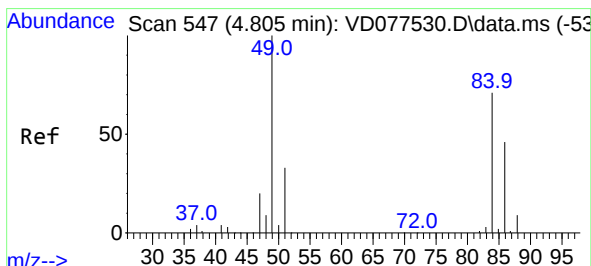
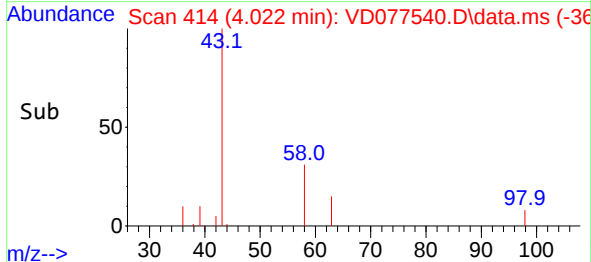
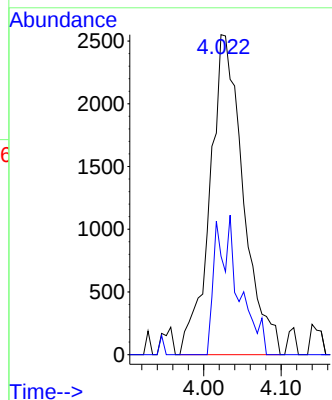
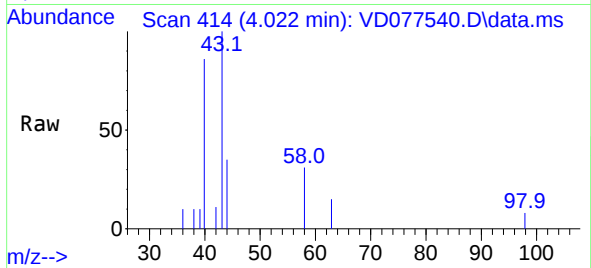




#13
Acetone
Concen: 3.121 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

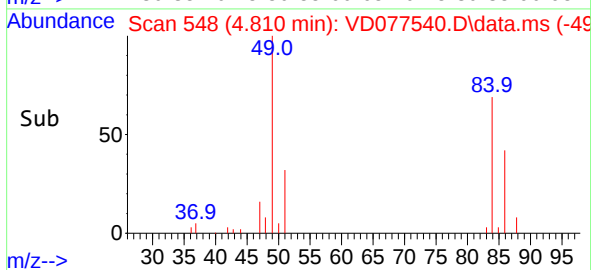
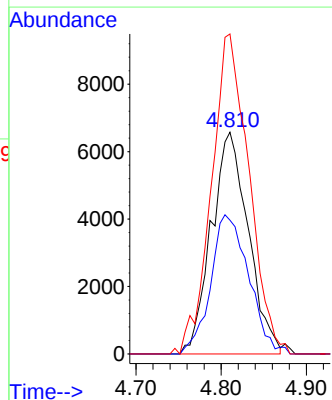
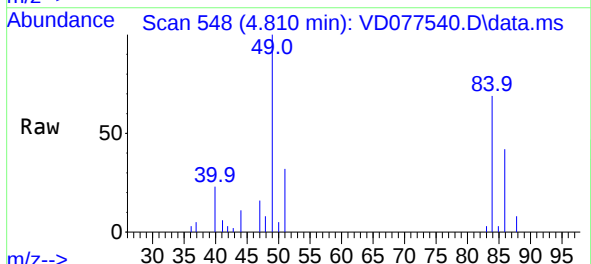
Instrument :
MSVOA_D
ClientSampleId :

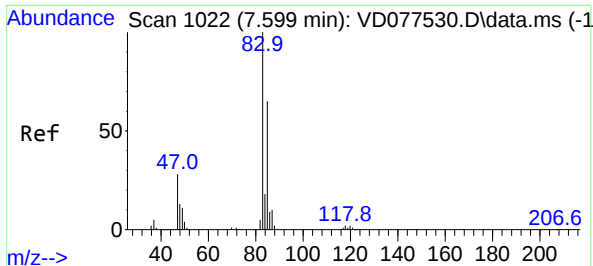
Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 13.7 0.0 64.0



#16
Methylene chloride
Concen: 2.221 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

Tgt Ion: 84 Resp: 19811
Ion Ratio Lower Upper
84 100
86 60.3 46.5 86.5
49 144.3 98.3 182.7





#25

Chloroform

Concen: 0.418 ug/L

RT: 7.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077540.D

Acq: 13 Nov 2023 11:16

Instrument :

MSVOA_D

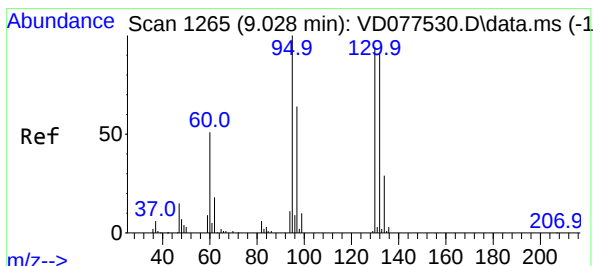
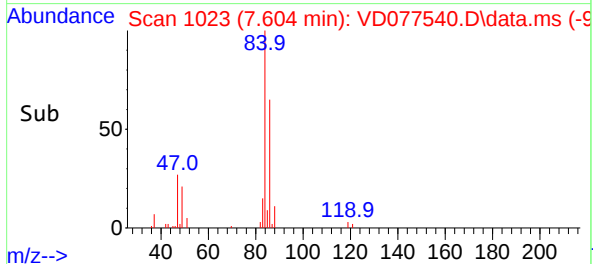
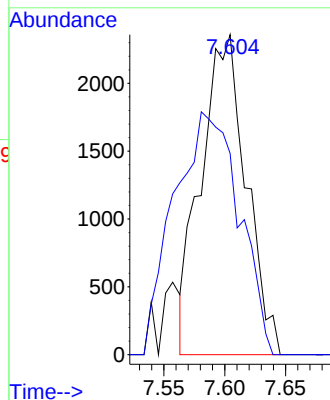
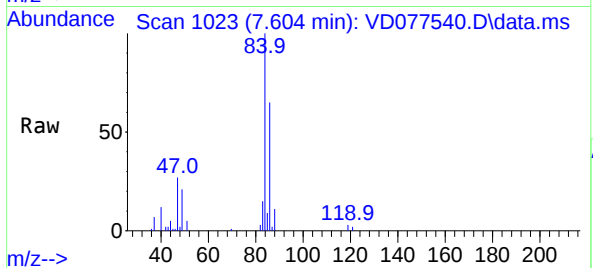
ClientSampleId :

Tgt Ion: 83 Resp: 6083

Ion Ratio Lower Upper

83 100

85 62.9 45.9 85.3



#34

Trichloroethene

Concen: 0.407 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VD077540.D

Acq: 13 Nov 2023 11:16

Tgt Ion: 95 Resp: 3125

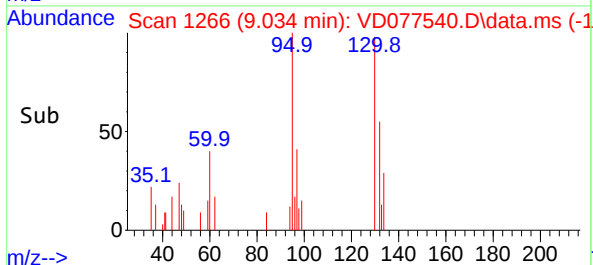
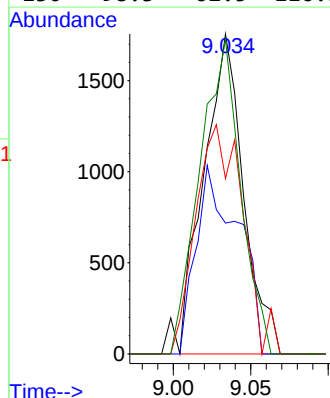
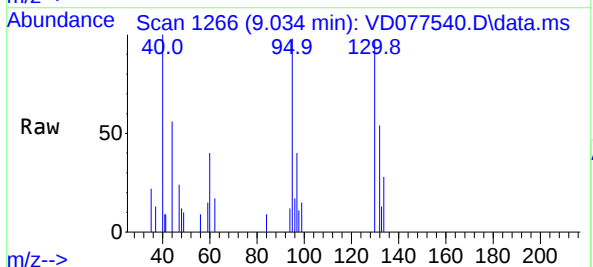
Ion Ratio Lower Upper

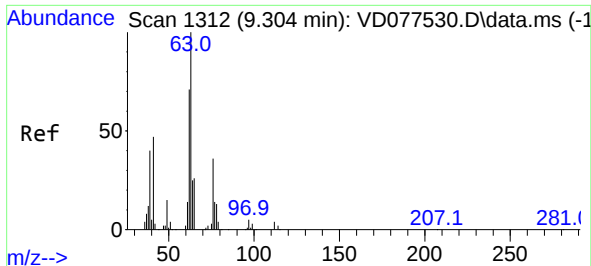
95 100

97 52.0 42.4 78.6

132 68.2 59.4 110.2

130 98.3 62.5 116.1

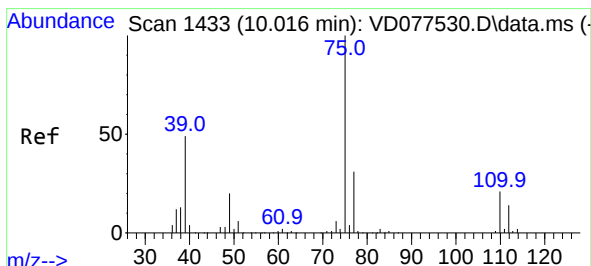
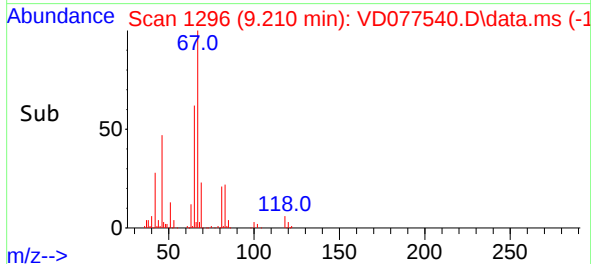
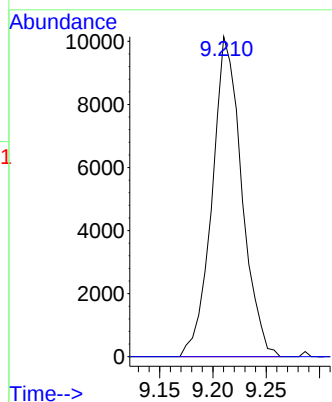
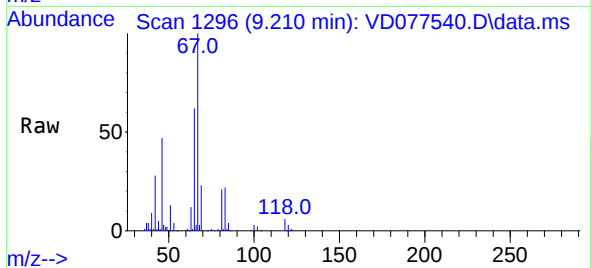




#37
1,2-Dichloropropane
Concen: 2.285 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

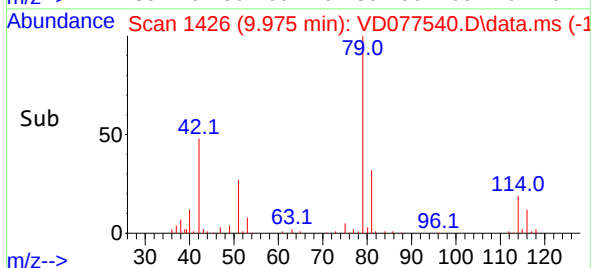
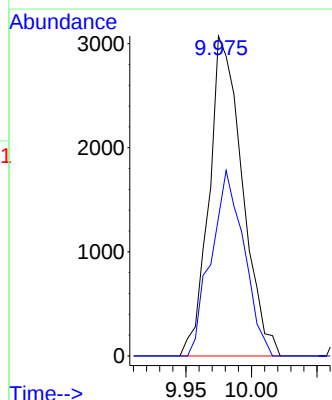
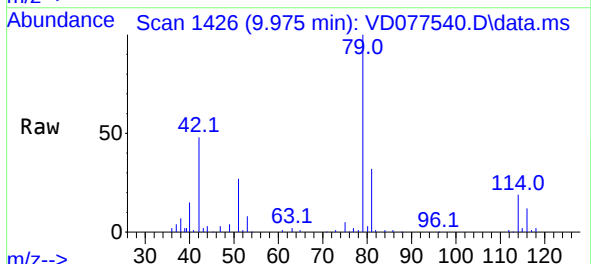
Instrument :
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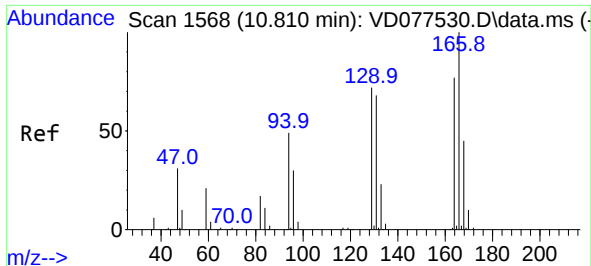
Tgt Ion: 63 Resp: 19671
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.410 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

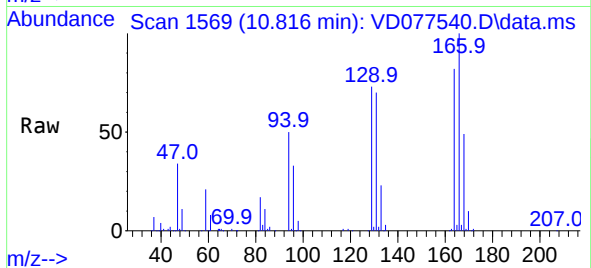
Tgt Ion: 75 Resp: 5424
Ion Ratio Lower Upper
75 100
77 43.2 22.5 41.9#



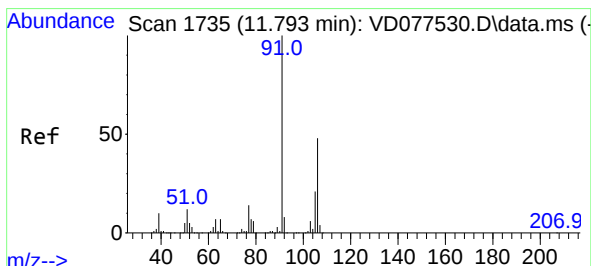
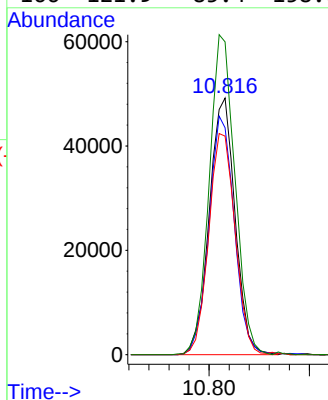
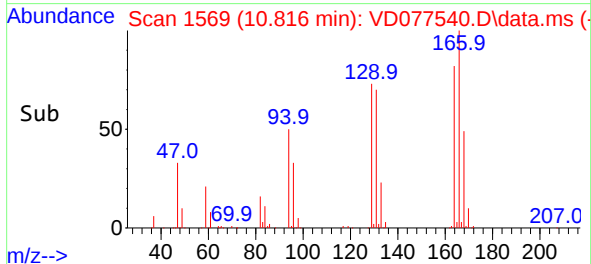


#46
Tetrachloroethene
Concen: 15.599 ug/L
RT: 10.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :

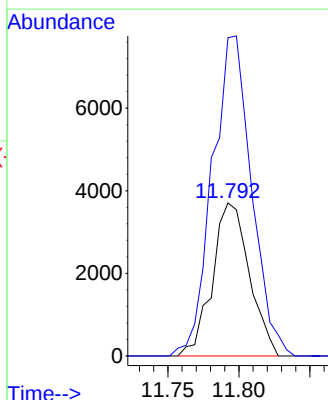
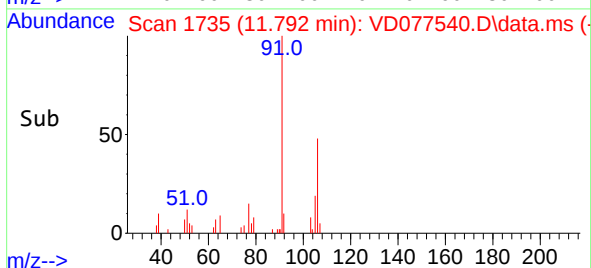
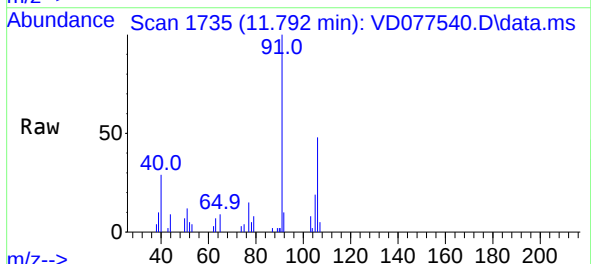


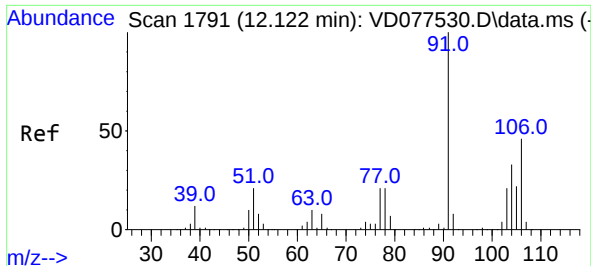
Tgt Ion:164 Resp: 88070
Ion Ratio Lower Upper
164 100
129 88.4 60.6 112.6
131 85.1 61.6 114.4
166 121.9 85.4 158.6



#53
m,p-Xylene
Concen: 0.516 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

Tgt Ion:106 Resp: 6719
Ion Ratio Lower Upper
106 100
91 208.0 146.7 272.4

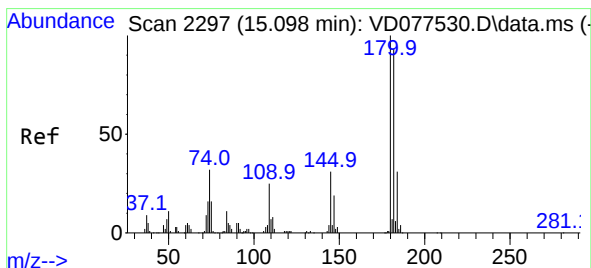
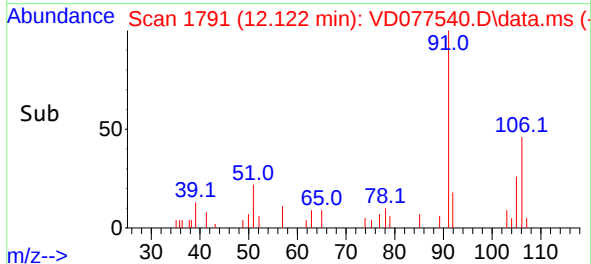
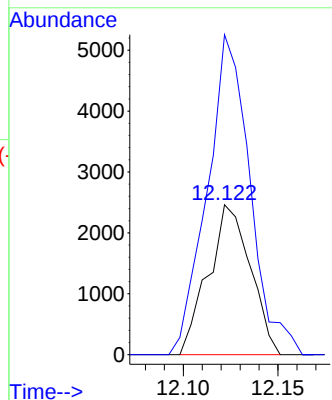
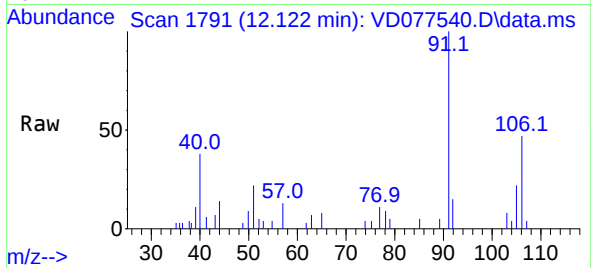




#54
o-Xylene
Concen: 0.306 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

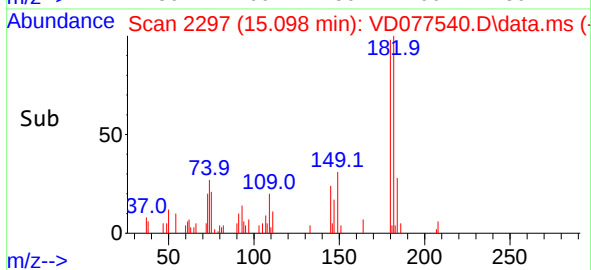
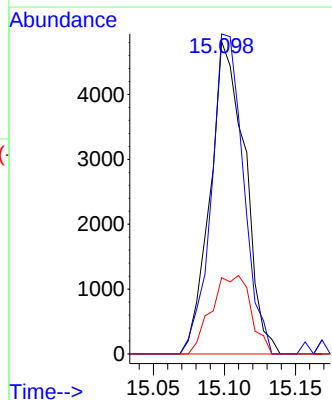
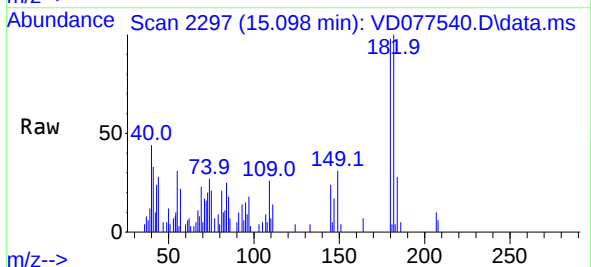
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MSVOA_D
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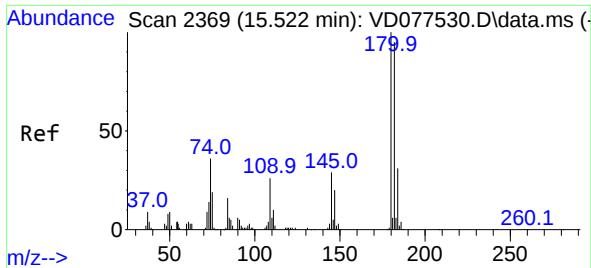
Tgt Ion:106 Resp: 3813
Ion Ratio Lower Upper
106 100
91 213.5 158.5 294.4



#70
1,2,4-trichlorobenzene
Concen: 1.206 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

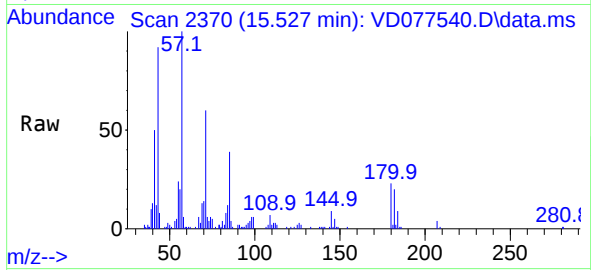
Tgt Ion:180 Resp: 8197
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 16.0 24.1 36.1#





#72
1,2,3-Trichlorobenzene
Concen: 1.615 ug/L
RT: 15.527 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077540.D
Acq: 13 Nov 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	180	Resp:	9353
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	30.7	26.0	39.0

