

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076448.D
 Acq On : 15 Jun 2023 20:07
 Operator : KP/SY
 Sample : 03236-18
 Misc : 5.77G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBW26

Quant Time: Jun 16 02:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

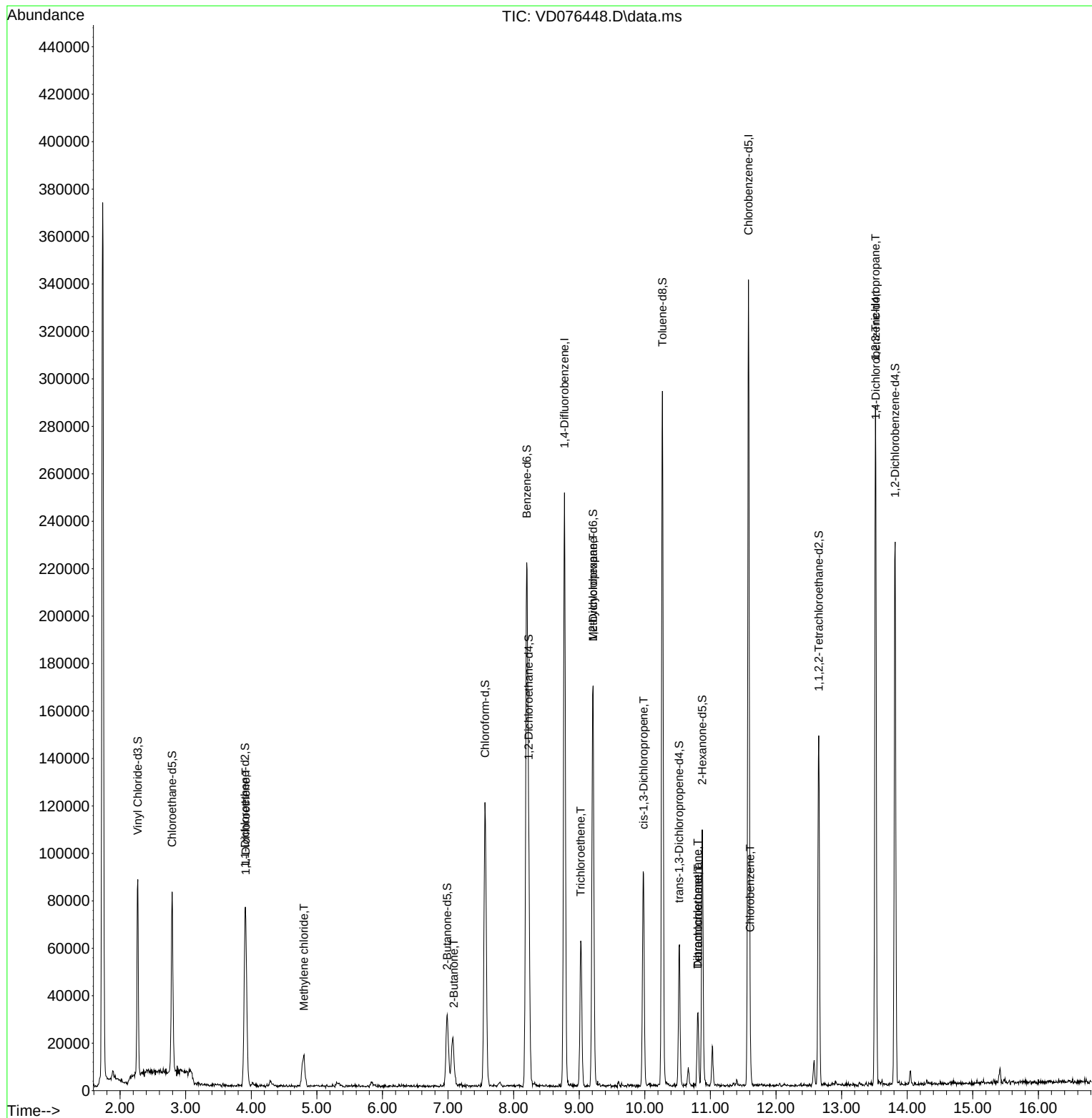
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	216261	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	77064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	74513	14.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.600%		
7) Chloroethane-d5	2.793	69	73453	17.249	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.000%		
11) 1,1-Dichloroethene-d2	3.905	65	22010	16.010	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.040%		
21) 2-Butanone-d5	6.987	46	54033	67.743	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	135.480%#		
24) Chloroform-d	7.563	84	119553	20.983	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.920%		
26) 1,2-Dichloroethane-d4	8.228	65	65345	23.248	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.000%		
32) Benzene-d6	8.199	84	228451	19.650	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.600%		
36) 1,2-Dichloropropane-d6	9.210	67	84753	22.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.360%		
41) Toluene-d8	10.269	98	200496	18.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.520%		
43) trans-1,3-Dichloroprop...	10.522	79	31979	20.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.880%		
47) 2-Hexanone-d5	10.875	63	38030	66.019	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.040%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77490	29.351	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.400%		
66) 1,2-Dichlorobenzene-d4	13.816	152	60278	21.339	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.360%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	3277	1.168	ug/L #	1
16) Methylene chloride	4.805	84	9551	2.541	ug/L	77
22) 2-Butanone	7.087	43	1161	1.117	ug/L #	49
34) Trichloroethene	9.022	95	19734	6.107	ug/L	86
35) Methylcyclohexane	9.210	83	19001	3.647	ug/L #	20
39) cis-1,3-Dichloropropene	9.981	75	2673	0.510	ug/L	88
46) Tetrachloroethene	10.810	164	7169	2.822	ug/L	87
49) Dibromochloromethane	10.804	129	6014	2.250	ug/L #	10
51) Chlorobenzene	11.604	112	4105	0.489	ug/L	90
61) 1,2,3-Trichloropropane	13.516	75	10308	6.892	ug/L #	66

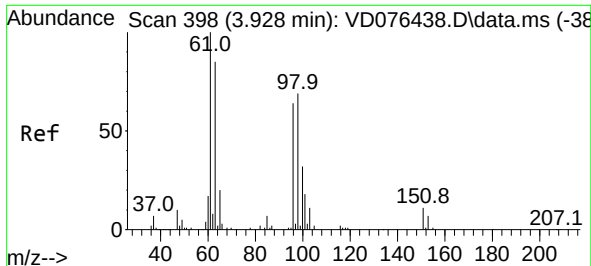
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.168 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.012 min

Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

Instrument :

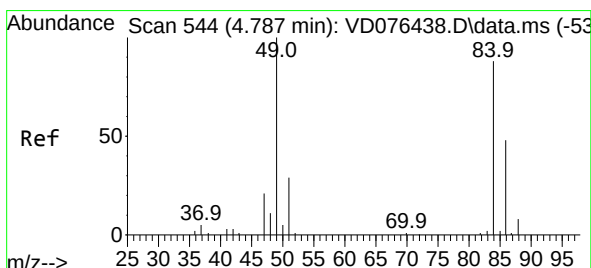
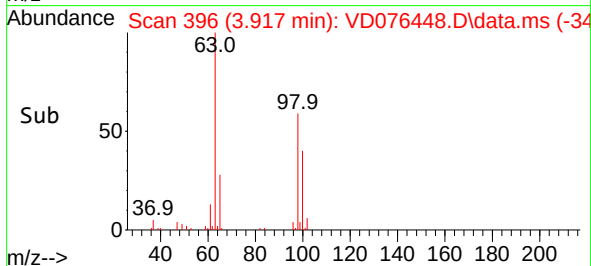
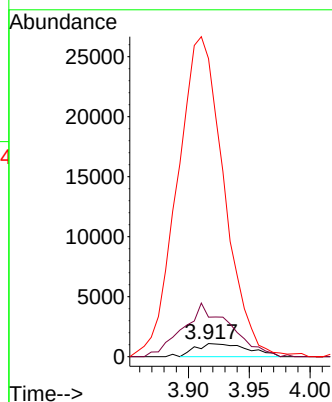
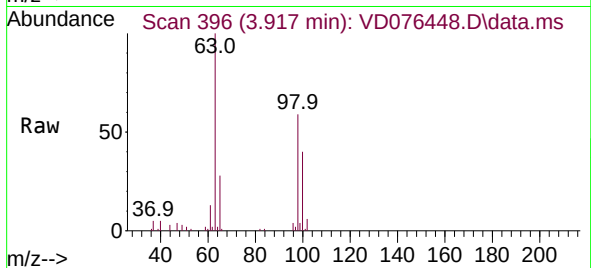
MSVOA_D

ClientSampleId :

YBW26

Tgt Ion: 96 Resp: 3277

Ion	Ratio	Lower	Upper
96	100		
61	300.6	113.0	209.8#
63	2266.4	83.6	155.2#



#16

Methylene chloride

Concen: 2.541 ug/L

RT: 4.805 min Scan# 547

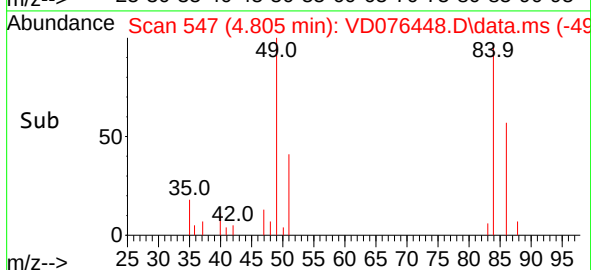
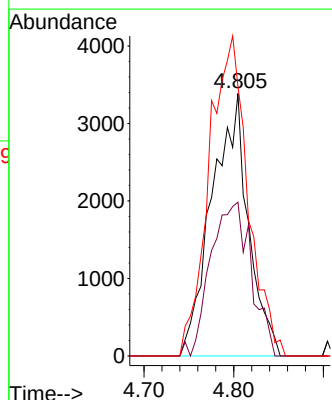
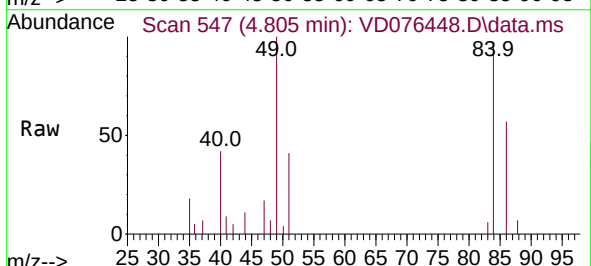
Delta R.T. 0.018 min

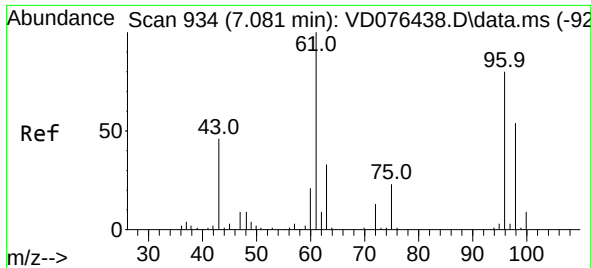
Lab File: VD076448.D

Acq: 15 Jun 2023 20:07

Tgt Ion: 84 Resp: 9551

Ion	Ratio	Lower	Upper
84	100		
86	58.6	45.1	83.9
49	102.7	97.2	180.6

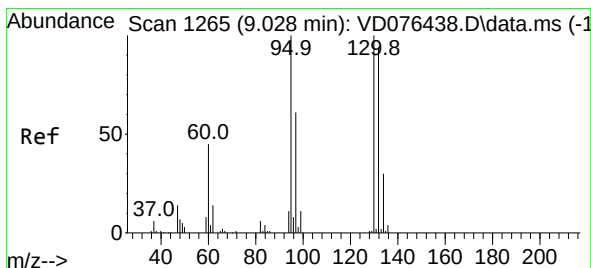
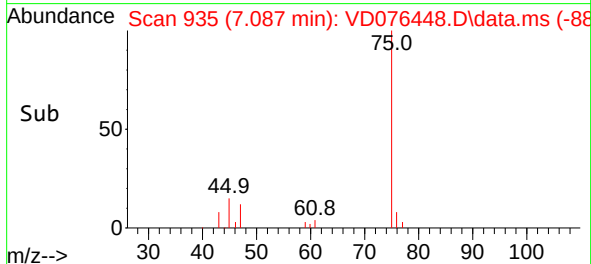
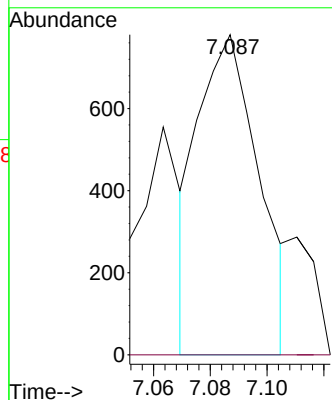
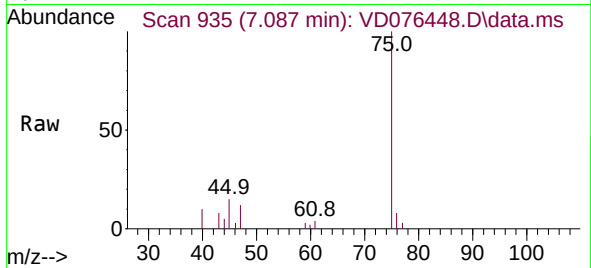




#22
2-Butanone
Concen: 1.117 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

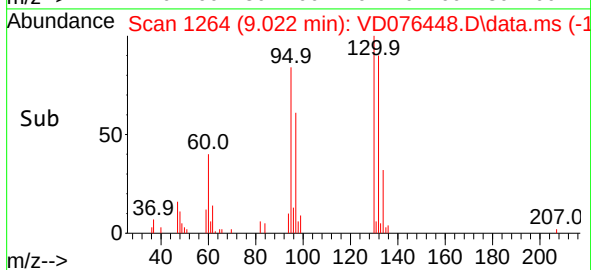
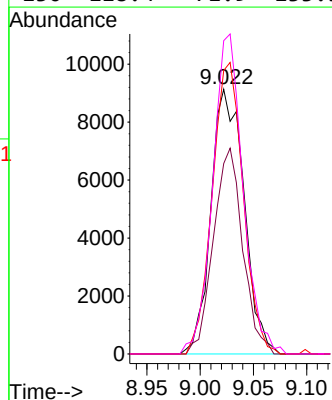
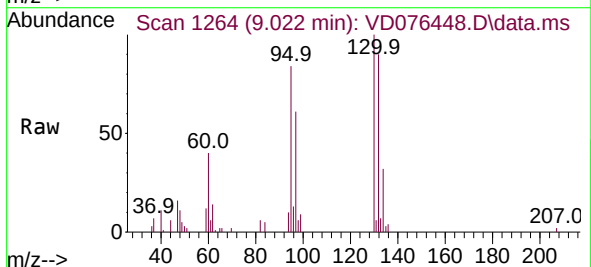
Instrument :
MSVOA_D
ClientSampleId :
YBW26

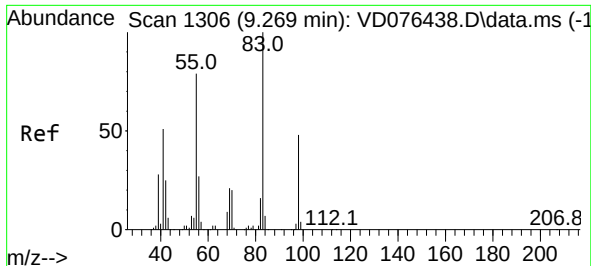
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#34
Trichloroethene
Concen: 6.107 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion: 95 Resp: 19734
Ion Ratio Lower Upper
95 100
97 71.9 43.1 80.1
132 115.1 71.8 133.4
130 118.4 71.9 133.5

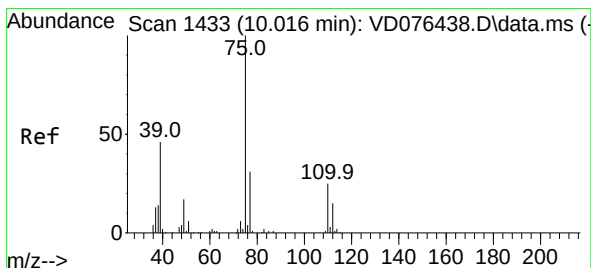
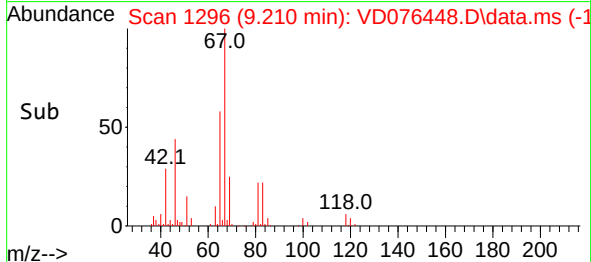
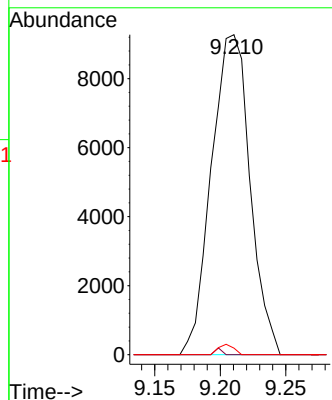
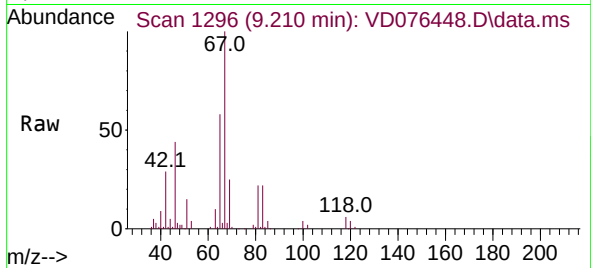




#35
Methylcyclohexane
Concen: 3.647 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.059 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

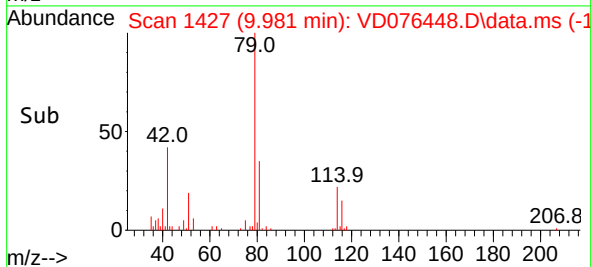
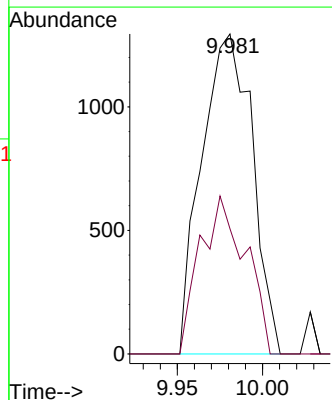
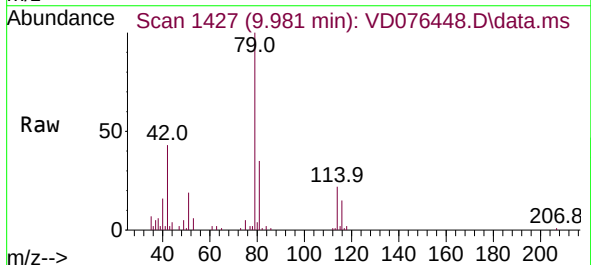
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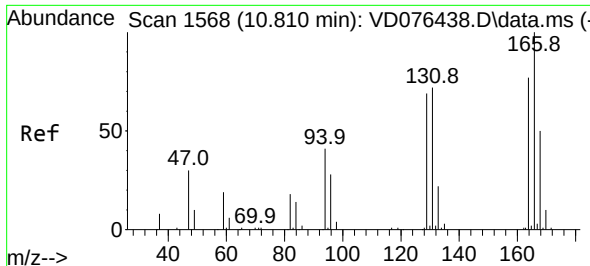
Tgt Ion: 83 Resp: 19001
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 1.3 37.8 56.6#



#39
cis-1,3-Dichloropropene
Concen: 0.510 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion: 75 Resp: 2673
Ion Ratio Lower Upper
75 100
77 39.2 22.7 42.3

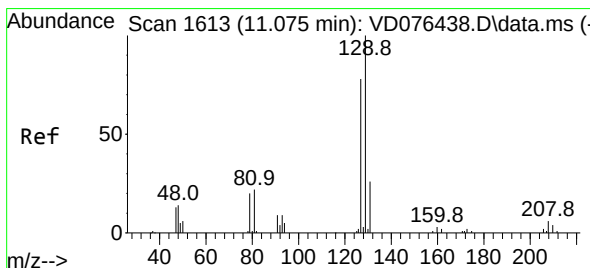
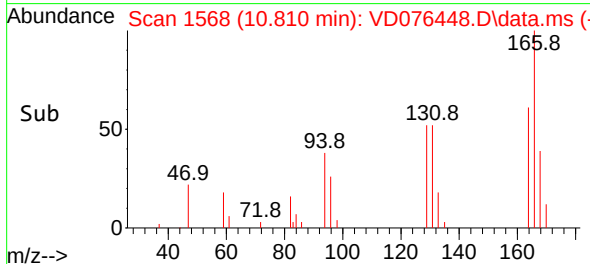
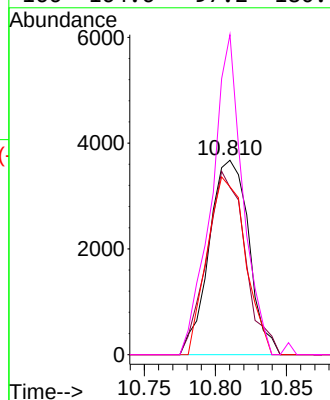
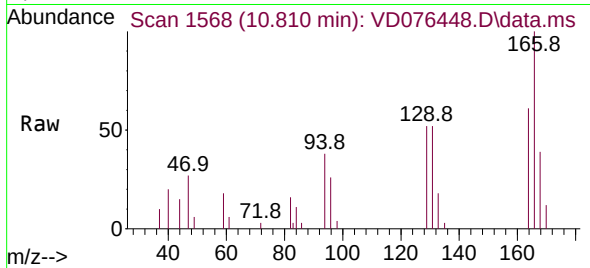




#46
Tetrachloroethene
Concen: 2.822 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

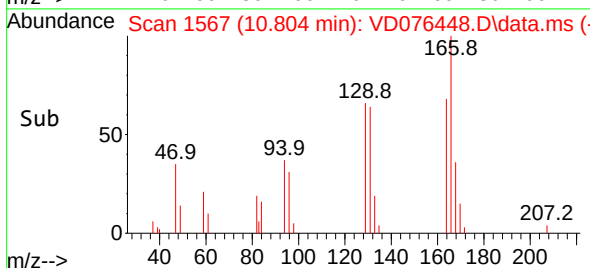
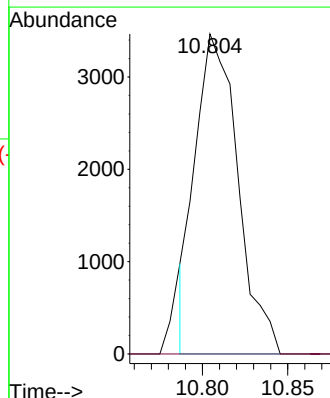
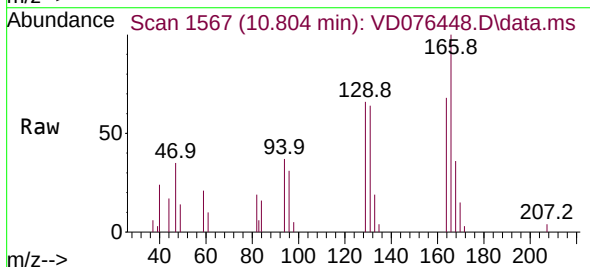
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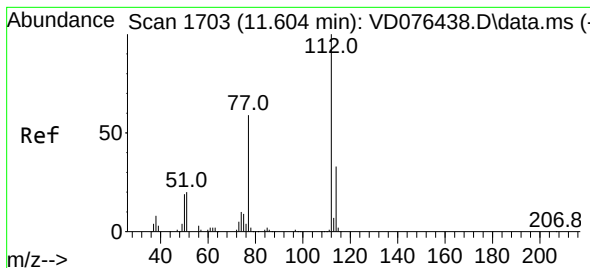
Tgt Ion:164 Resp: 7169
Ion Ratio Lower Upper
164 100
129 86.1 65.5 121.6
131 86.3 64.8 120.3
166 164.6 97.2 180.4



#49
Dibromochloromethane
Concen: 2.250 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.271 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion:129 Resp: 6014
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

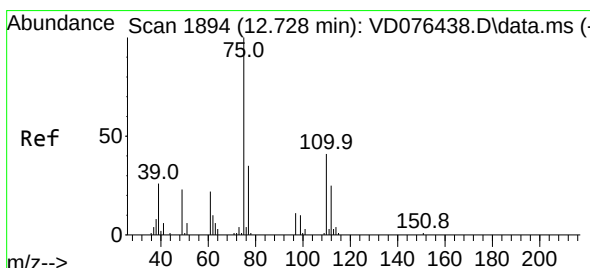
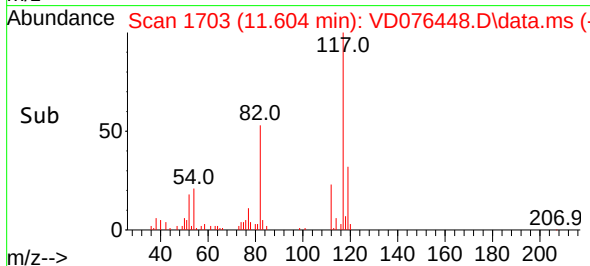
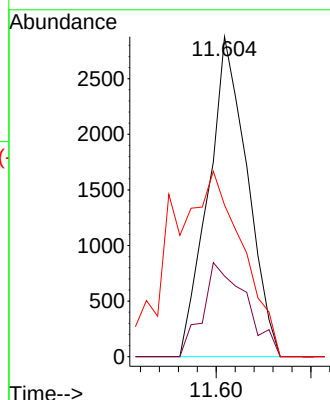
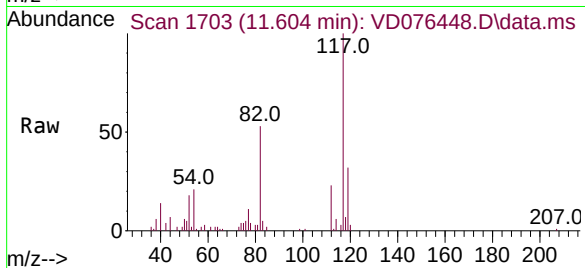




#51
Chlorobenzene
Concen: 0.489 ug/L
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Instrument :
MSVOA_D
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Tgt Ion:112	Resp:	4105
Ion Ratio	Lower	Upper
112	100	
114	25.2	21.5 39.9
77	47.4	43.4 65.2



#61
1,2,3-Trichloropropane
Concen: 6.892 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion: 75	Resp:	10308
Ion Ratio	Lower	Upper
75	100	
77	34.8	27.2 40.8
110	1.7	31.8 47.6#

