

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075903.D
 Acq On : 28 Apr 2023 22:53
 Operator : KP/SY
 Sample : 02548-33
 Misc : 5.60G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR3

Quant Time: Apr 29 05:16:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

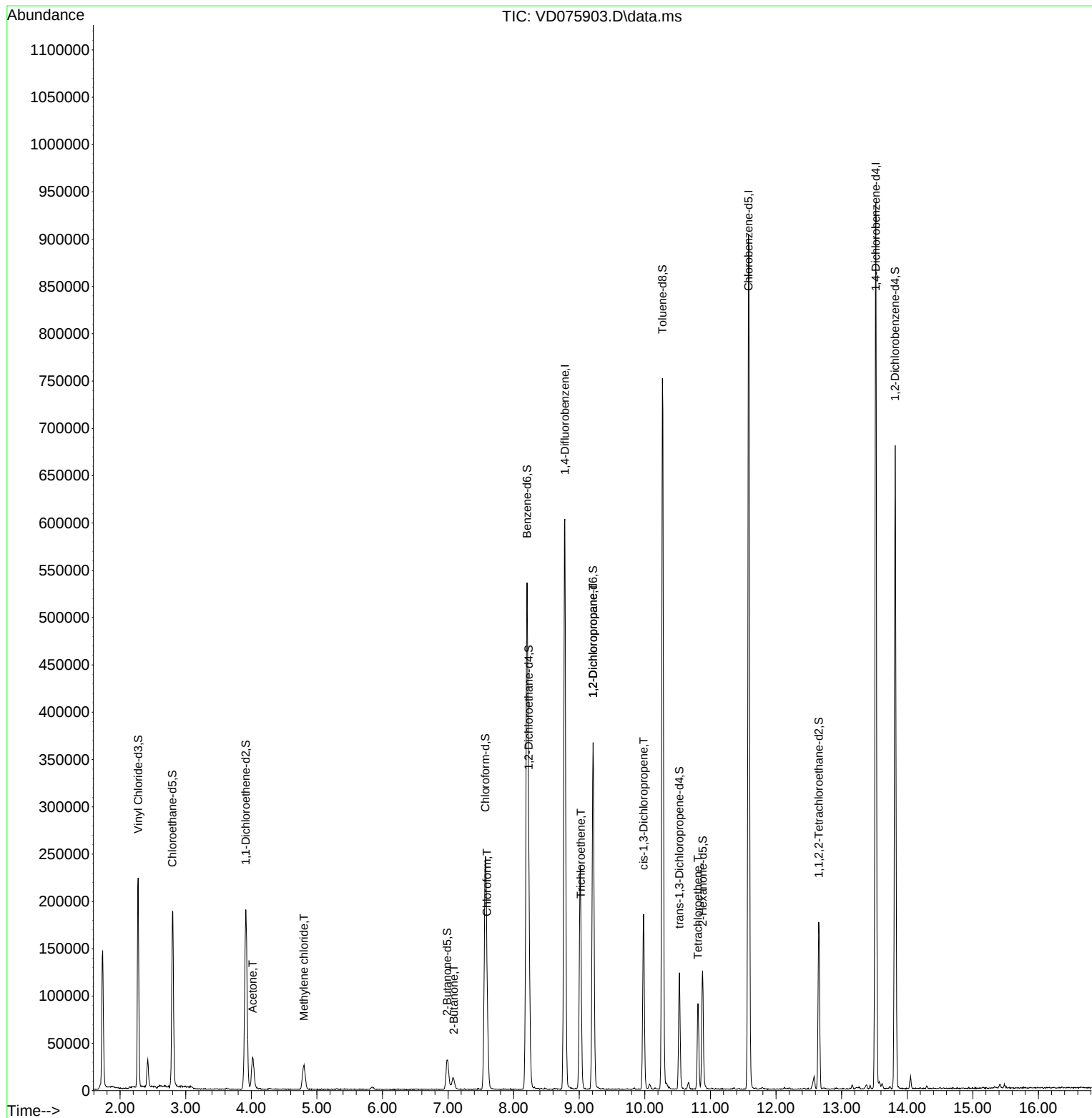
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	591507	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	583391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	264131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	210942	16.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.040%
7) Chloroethane-d5	2.799	69	206965	18.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	3.916	65	52284	17.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.920%
21) 2-Butanone-d5	6.987	46	53889	47.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.680%
24) Chloroform-d	7.569	84	261066	17.650	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	8.228	65	135440	21.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.760%
32) Benzene-d6	8.204	84	610001	17.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.760%
36) 1,2-Dichloropropane-d6	9.210	67	194879	20.706	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.840%
41) Toluene-d8	10.269	98	561752	17.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	10.528	79	71223	18.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.240%
47) 2-Hexanone-d5	10.881	63	45170	39.860	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94653	13.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	197478	21.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.560%
Target Compounds					Qvalue	
13) Acetone	4.022	43	54441	56.473	ug/L	98
16) Methylene chloride	4.805	84	22139	1.845	ug/L	95
22) 2-Butanone	7.087	43	8468	6.738	ug/L	93
25) Chloroform	7.593	83	59293	4.141	ug/L	96
34) Trichloroethene	9.028	95	10339	1.133	ug/L	98
37) 1,2-Dichloropropane	9.210	63	19652	2.424	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4737	0.367	ug/L #	65
46) Tetrachloroethene	10.810	164	22166	2.961	ug/L	98

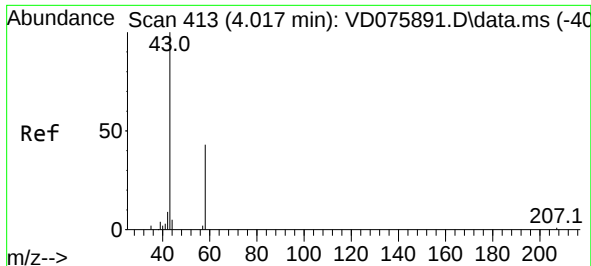
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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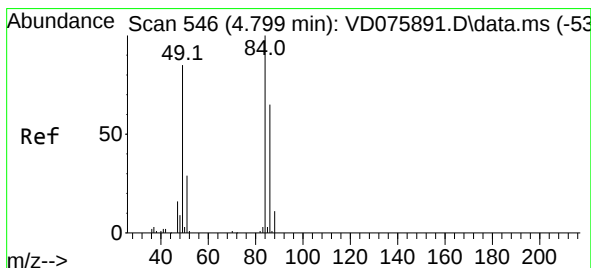
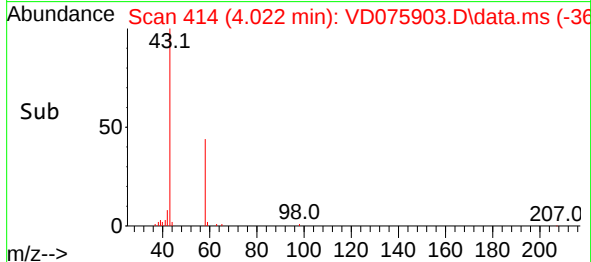
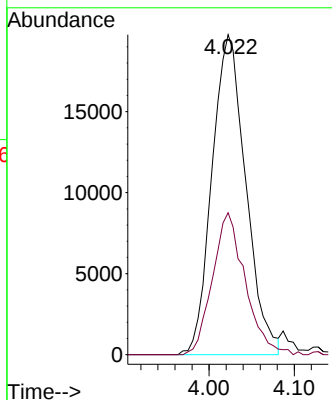
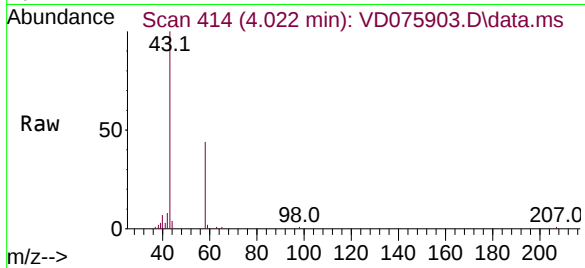




#13
Acetone
Concen: 56.473 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075903.D
Acq: 28 Apr 2023 22:53

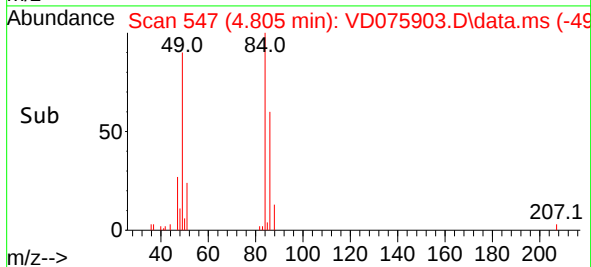
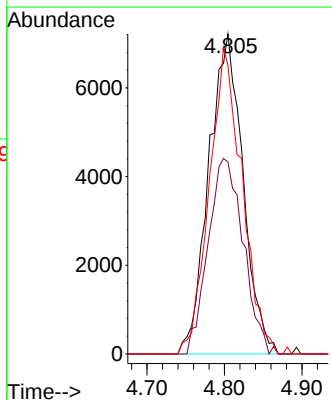
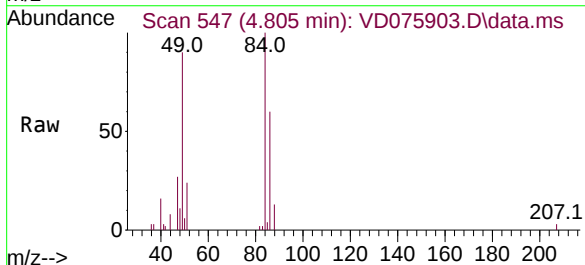
Instrument :
MSVOA_D
ClientSampleId :
DCCR3

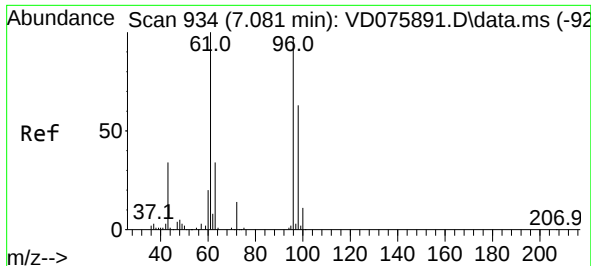
Tgt Ion: 43 Resp: 54441
Ion Ratio Lower Upper
43 100
58 42.7 0.0 87.4



#16
Methylene chloride
Concen: 1.845 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075903.D
Acq: 28 Apr 2023 22:53

Tgt Ion: 84 Resp: 22139
Ion Ratio Lower Upper
84 100
86 60.0 45.8 85.2
49 90.2 60.8 112.8

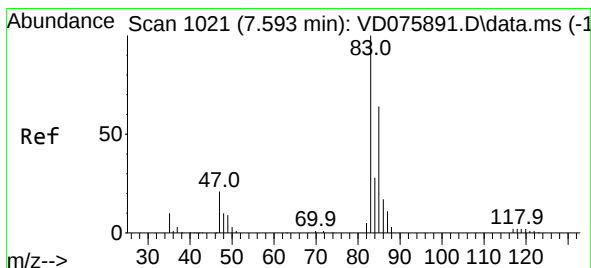
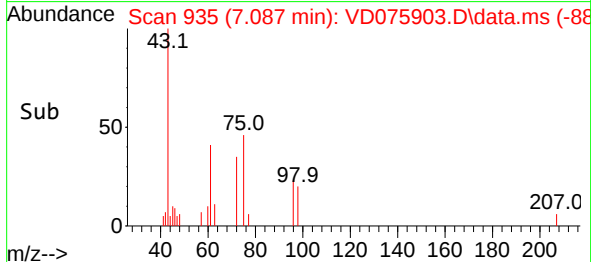
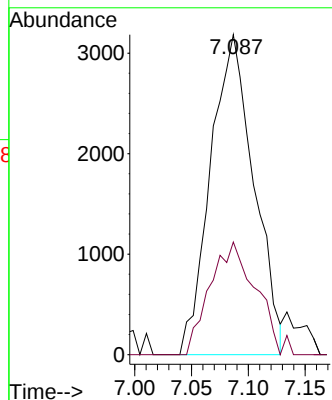
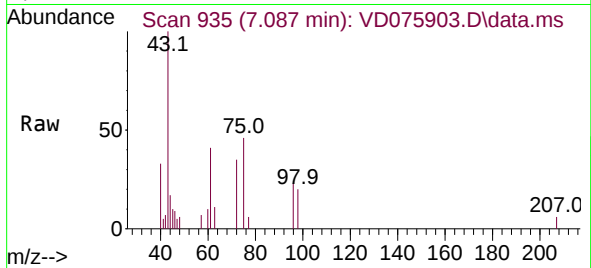




#22
2-Butanone
Concen: 6.738 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075903.D
Acq: 28 Apr 2023 22:53

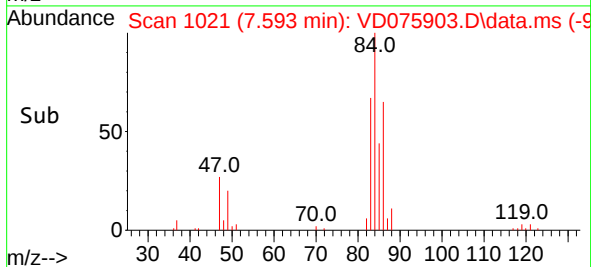
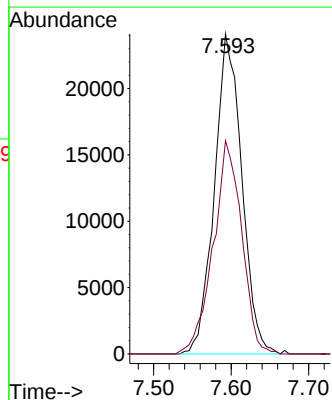
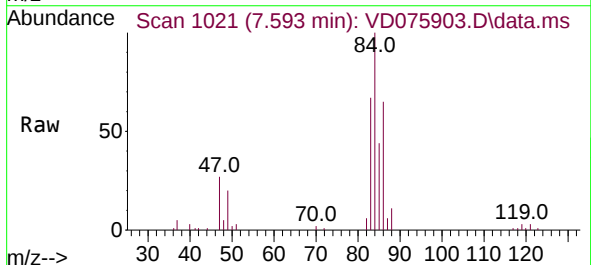
Instrument :
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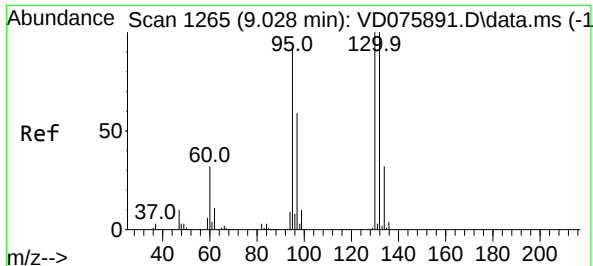
Tgt Ion: 43 Resp: 8468
Ion Ratio Lower Upper
43 100
72 36.5 20.5 61.5



#25
Chloroform
Concen: 4.141 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075903.D
Acq: 28 Apr 2023 22:53

Tgt Ion: 83 Resp: 59293
Ion Ratio Lower Upper
83 100
85 66.7 44.4 82.5



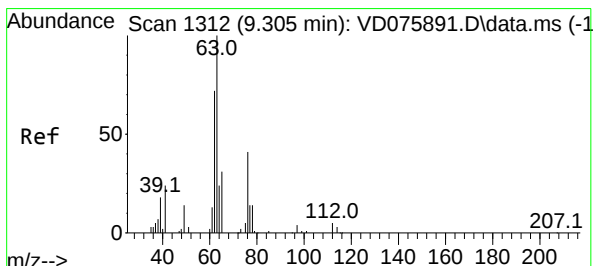
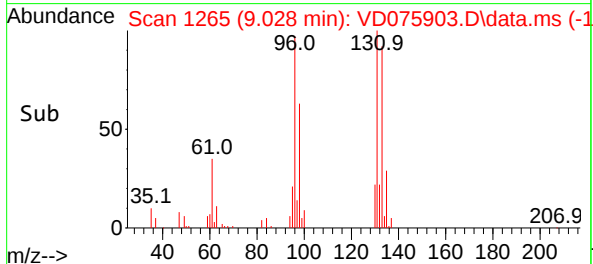
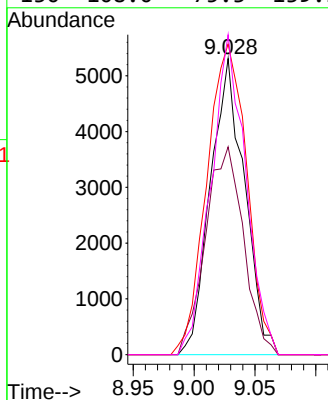
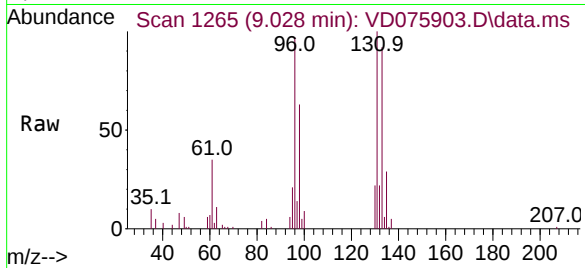


#34
 Trichloroethene
 Concen: 1.133 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075903.D
 Acq: 28 Apr 2023 22:53

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR3

Tgt Ion: 95 Resp: 10339

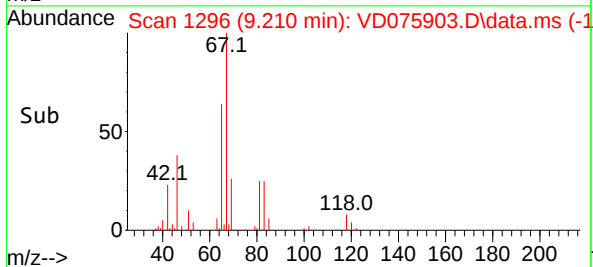
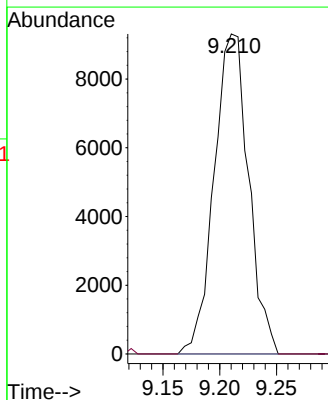
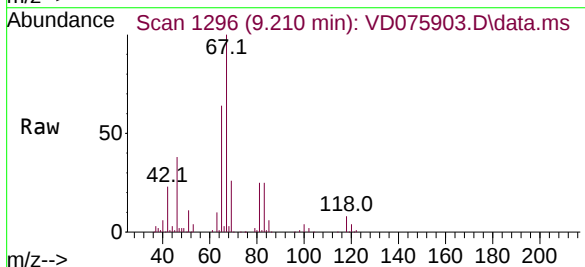
Ion	Ratio	Lower	Upper
95	100		
97	70.1	46.0	85.4
132	104.9	73.3	136.1
130	108.0	75.3	139.9

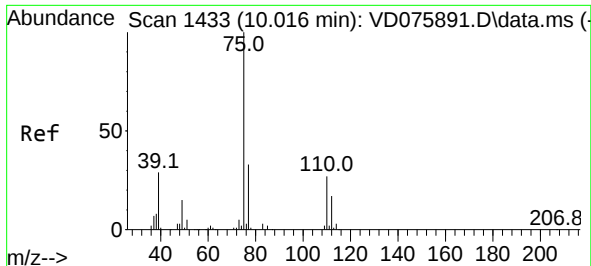


#37
 1,2-Dichloropropane
 Concen: 2.424 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075903.D
 Acq: 28 Apr 2023 22:53

Tgt Ion: 63 Resp: 19652

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

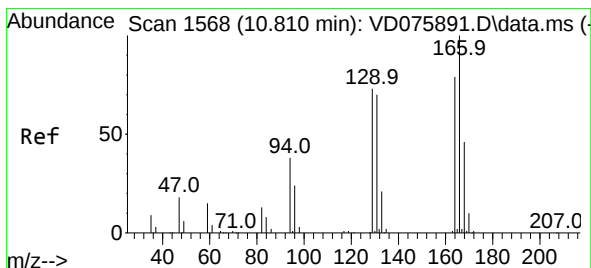
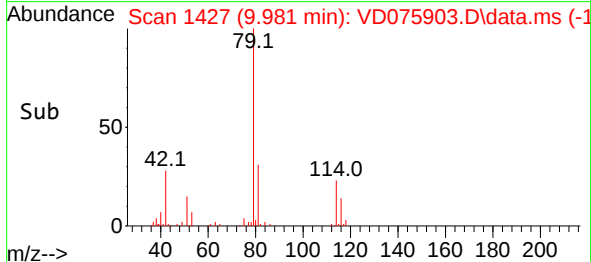
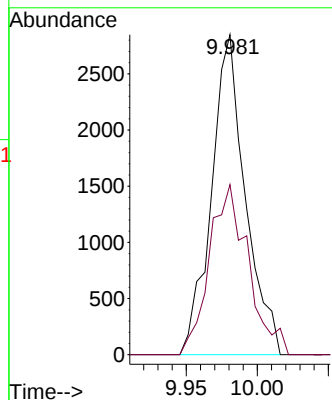
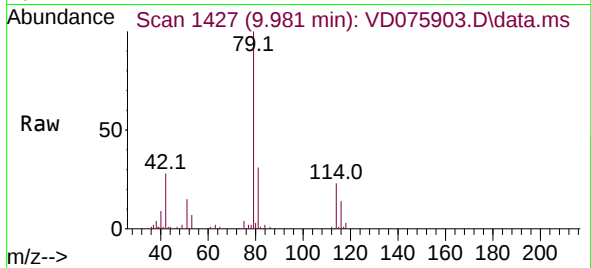




#39
 cis-1,3-Dichloropropene
 Concen: 0.367 ug/L
 RT: 9.981 min Scan# 1433
 Delta R.T. -0.036 min
 Lab File: VD075903.D
 Acq: 28 Apr 2023 22:53

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR3

Tgt Ion: 75 Resp: 4737
 Ion Ratio Lower Upper
 75 100
 77 53.1 23.4 43.6#



#46
 Tetrachloroethene
 Concen: 2.961 ug/L
 RT: 10.810 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VD075903.D
 Acq: 28 Apr 2023 22:53

Tgt Ion: 164 Resp: 22166
 Ion Ratio Lower Upper
 164 100
 129 83.2 60.3 112.1
 131 84.5 58.9 109.3
 166 115.6 83.0 154.1

