

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
 Data File : VD079049.D
 Acq On : 28 May 2024 15:00
 Operator : RP/MD
 Sample : P2589-19
 Misc : 5.18G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 29 01:34:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

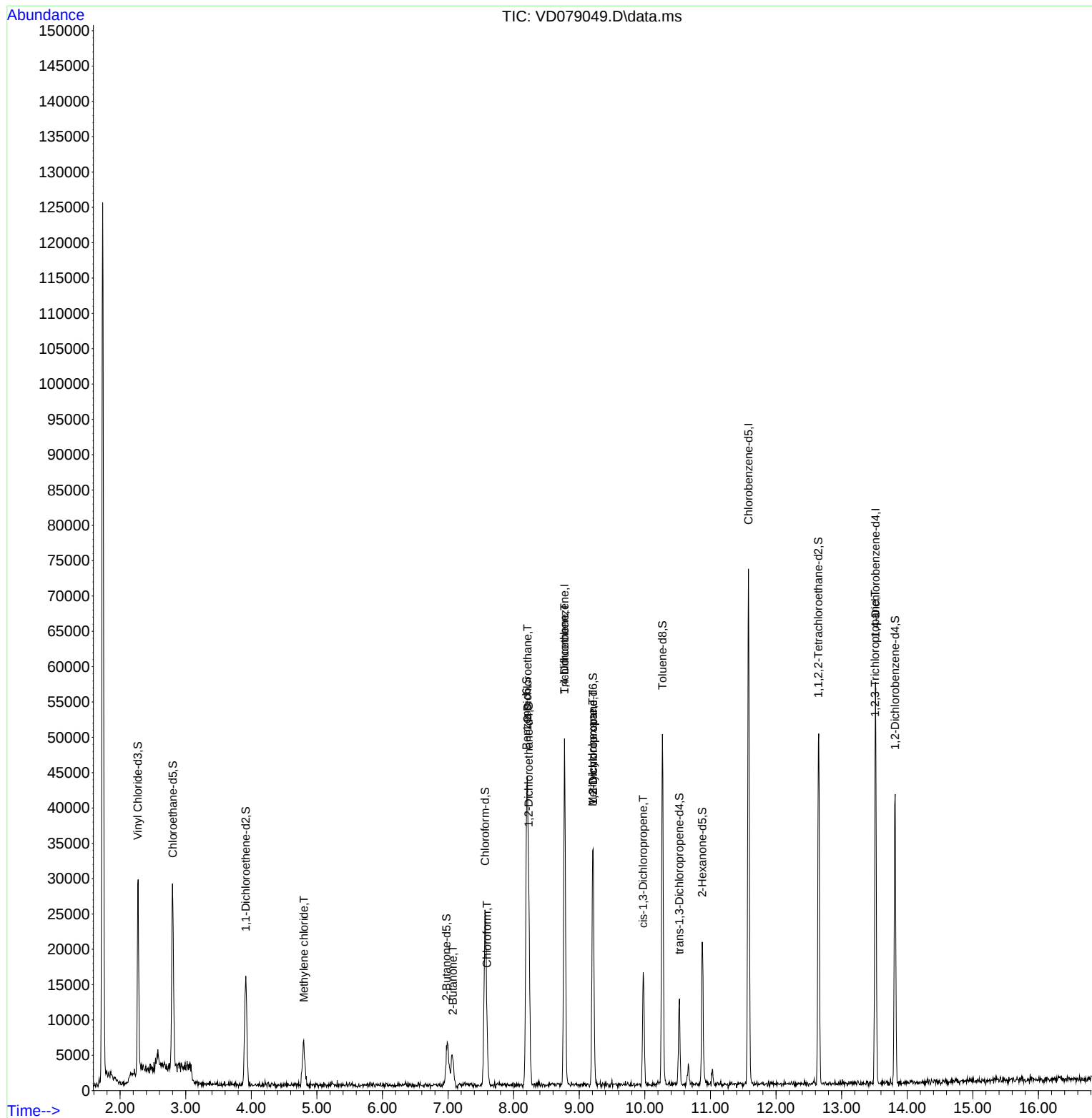
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	43710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	45491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	16318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	25586	23.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
7) Chloroethane-d5	2.805	69	28687	25.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.040%
11) 1,1-Dichloroethene-d2	3.916	65	4206	20.123	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	6.975	46	3744	24.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.380%
24) Chloroform-d	7.563	84	26388	20.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.228	65	19397	31.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.560%
32) Benzene-d6	8.199	84	47465	20.449	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	9.210	67	17171	24.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.269	98	35691	16.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.720%
43) trans-1,3-Dichloroprop...	10.528	79	7372	22.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.520%
47) 2-Hexanone-d5	10.875	63	7474	52.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	25743	31.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.000%#
66) 1,2-Dichlorobenzene-d4	13.816	152	12213	22.051	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	5156	4.980	ug/L	92
22) 2-Butanone	7.075	43	193	0.916	ug/L #	41
25) Chloroform	7.593	83	3367	2.167	ug/L	89
27) 1,2-Dichloroethane	8.210	62	231	0.257	ug/L #	68
34) Trichloroethene	8.775	95	1387	1.727	ug/L #	3
35) Methylcyclohexane	9.204	83	4037	3.343	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	1766	2.235	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	514	0.415	ug/L	99
61) 1,2,3-Trichloropropane	13.510	75	2354	6.293	ug/L #	45

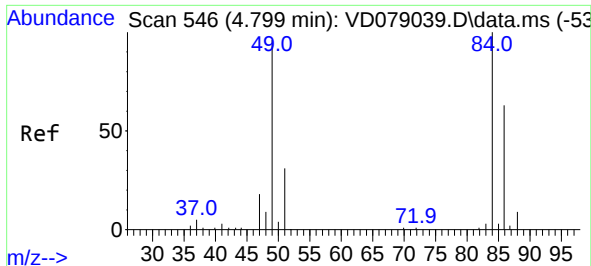
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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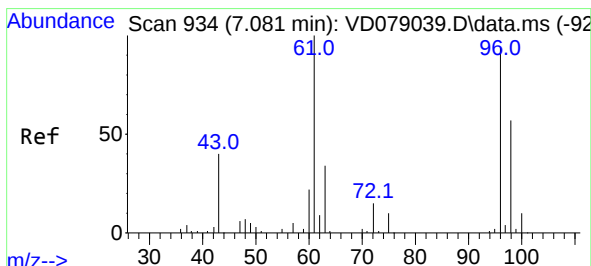
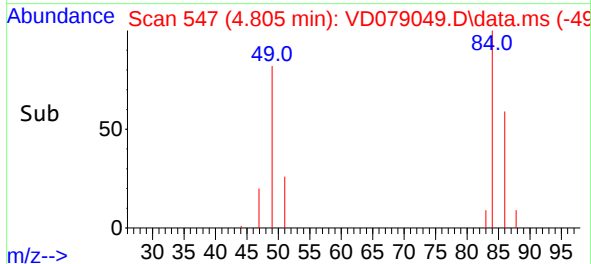
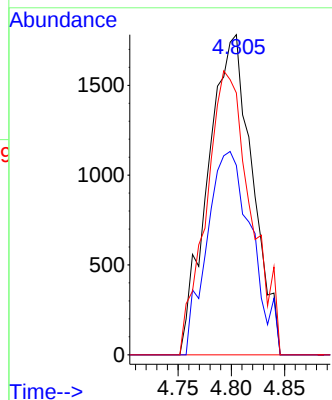
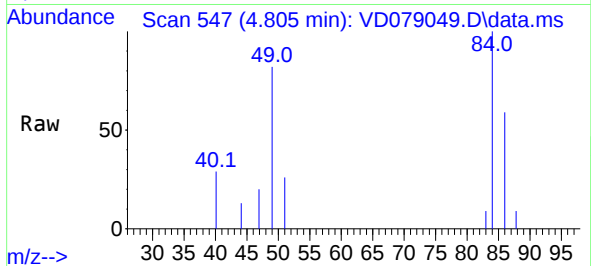




#16
Methylene chloride
Concen: 4.980 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

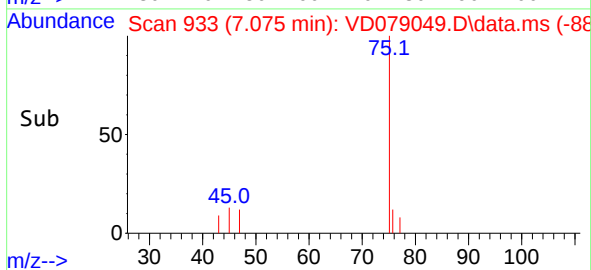
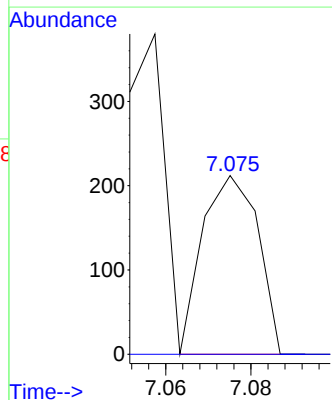
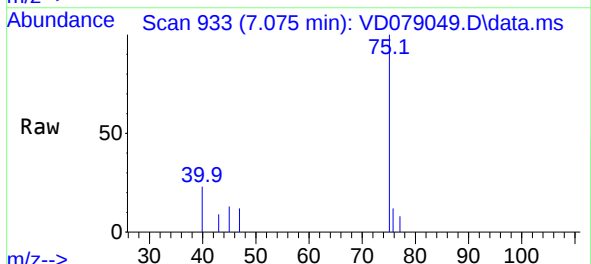
Instrument :
MSVOA_D
ClientSampleId :

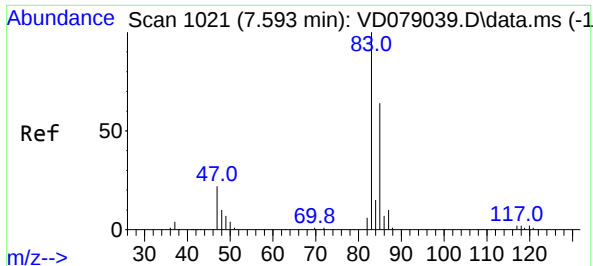
Tgt Ion: 84 Resp: 5156
Ion Ratio Lower Upper
84 100
86 59.1 43.7 81.1
49 81.8 64.0 119.0



#22
2-Butanone
Concen: 0.916 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
72 0.0 17.1 51.2#

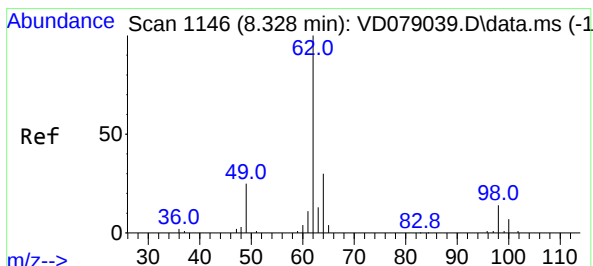
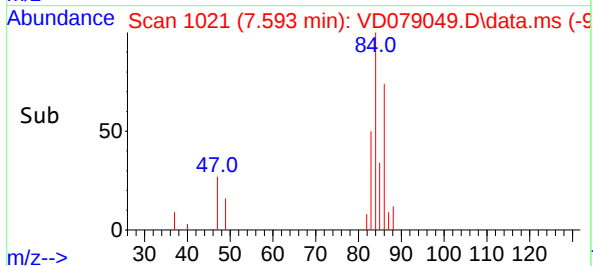
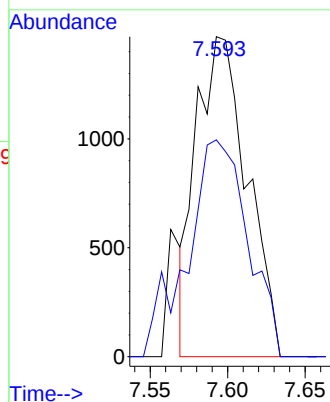
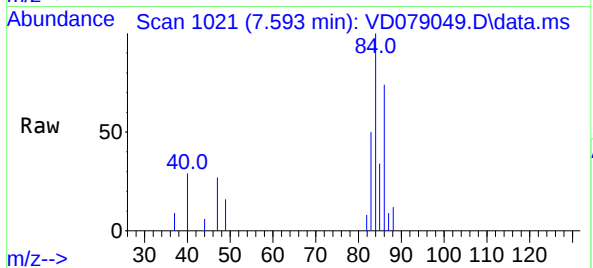




#25
Chloroform
Concen: 2.167 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

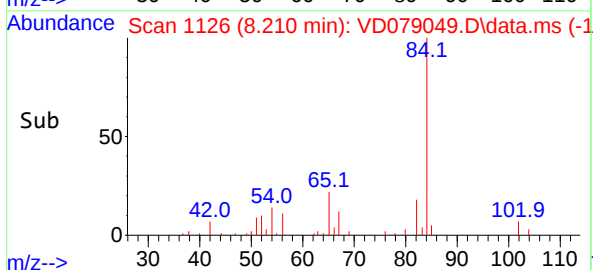
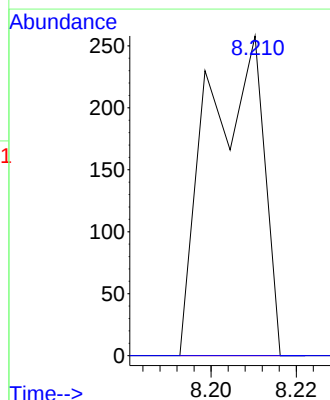
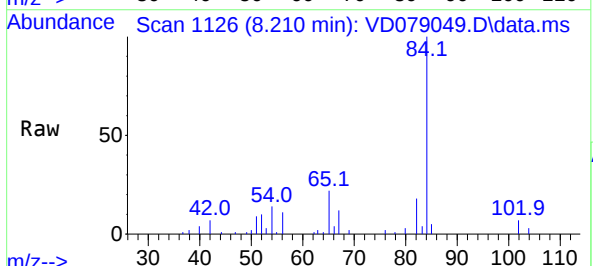
Instrument :
MSVOA_D
ClientSampleId :

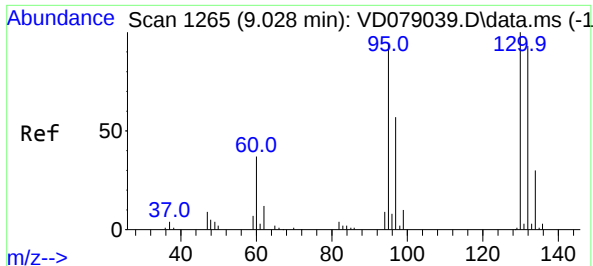
Tgt Ion: 83 Resp: 3367
Ion Ratio Lower Upper
83 100
85 67.7 41.8 77.6



#27
1,2-Dichloroethane
Concen: 0.257 ug/L
RT: 8.210 min Scan# 1126
Delta R.T. -0.118 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

Tgt Ion: 62 Resp: 231
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.4#



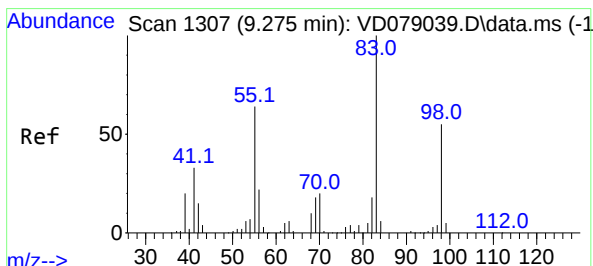
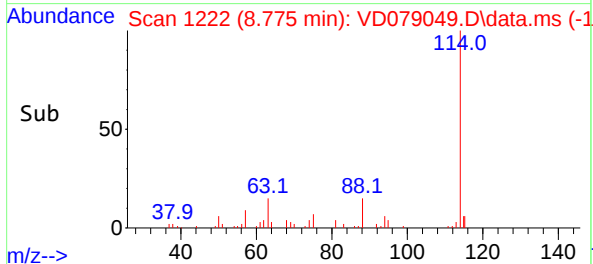
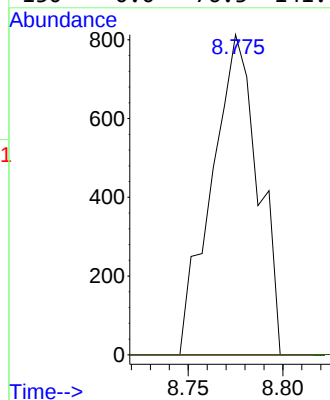
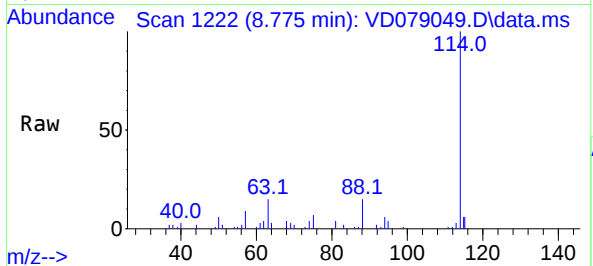


#34
Trichloroethene
Concen: 1.727 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 1387

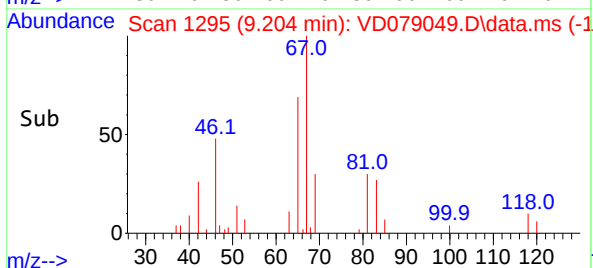
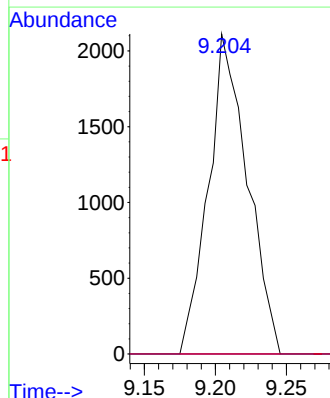
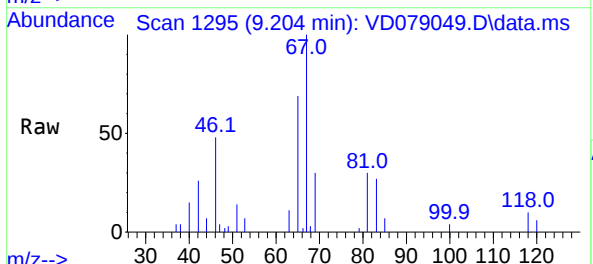
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.6	79.2#
132	0.0	69.5	129.1#
130	0.0	76.3	141.7#

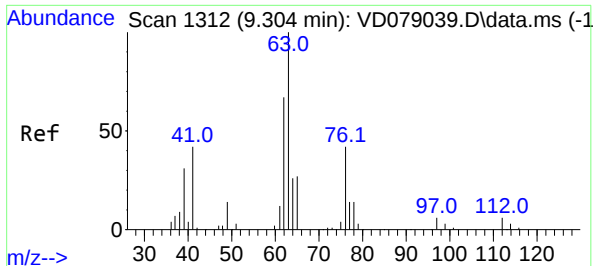


#35
Methylcyclohexane
Concen: 3.343 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

Tgt Ion: 83 Resp: 4037

Ion	Ratio	Lower	Upper
83	100		
55	0.0	49.0	73.6#
98	0.0	40.1	60.1#

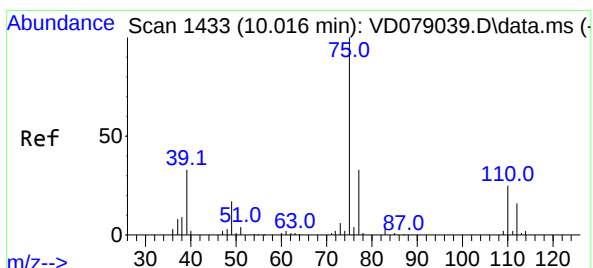
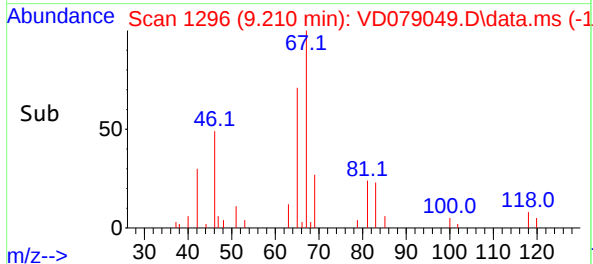
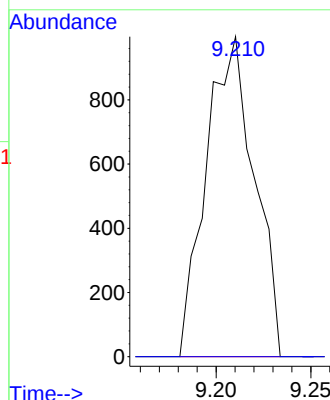
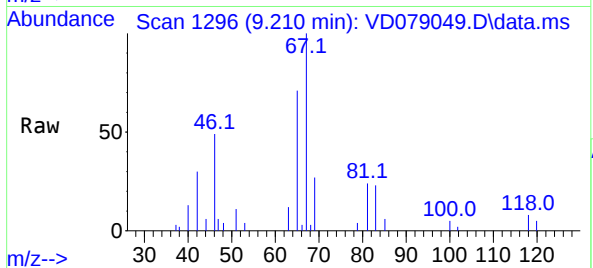




#37
1,2-Dichloropropane
Concen: 2.235 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

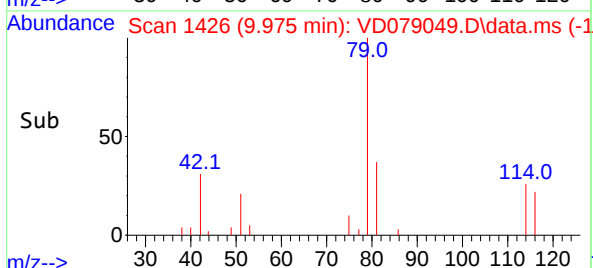
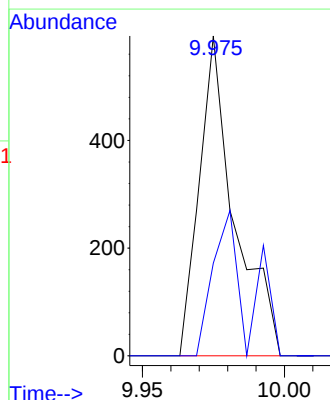
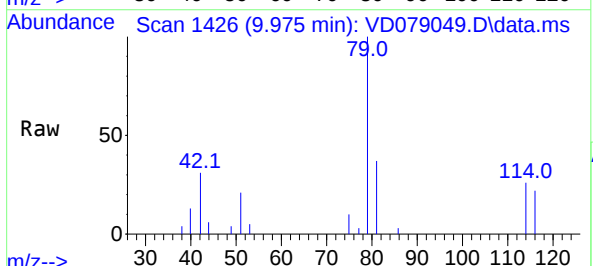
Instrument :
MSVOA_D
ClientSampleId :

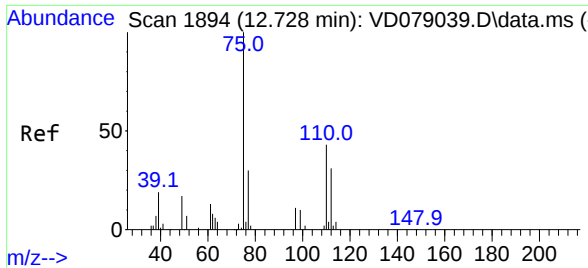
Tgt Ion: 63 Resp: 1766
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.415 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

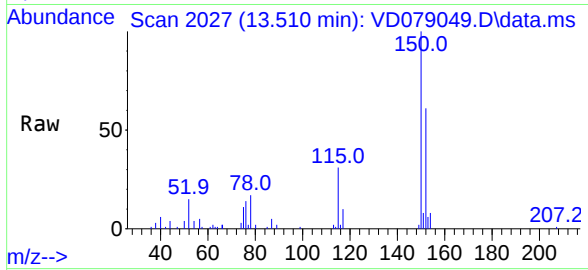
Tgt Ion: 75 Resp: 514
Ion Ratio Lower Upper
75 100
77 29.0 20.0 37.2





#61
1,2,3-Trichloropropane
Concen: 6.293 ug/L
RT: 13.510 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD079049.D
Acq: 28 May 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	2354
Ion	Ratio	Lower	Upper
75	100		
77	14.3	26.2	39.2#
110	0.0	37.1	55.7#

