

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075971.D
 Acq On : 02 May 2023 18:31
 Operator : KP/SY
 Sample : 02564-17
 Misc : 5.75G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0

Quant Time: May 03 02:50:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

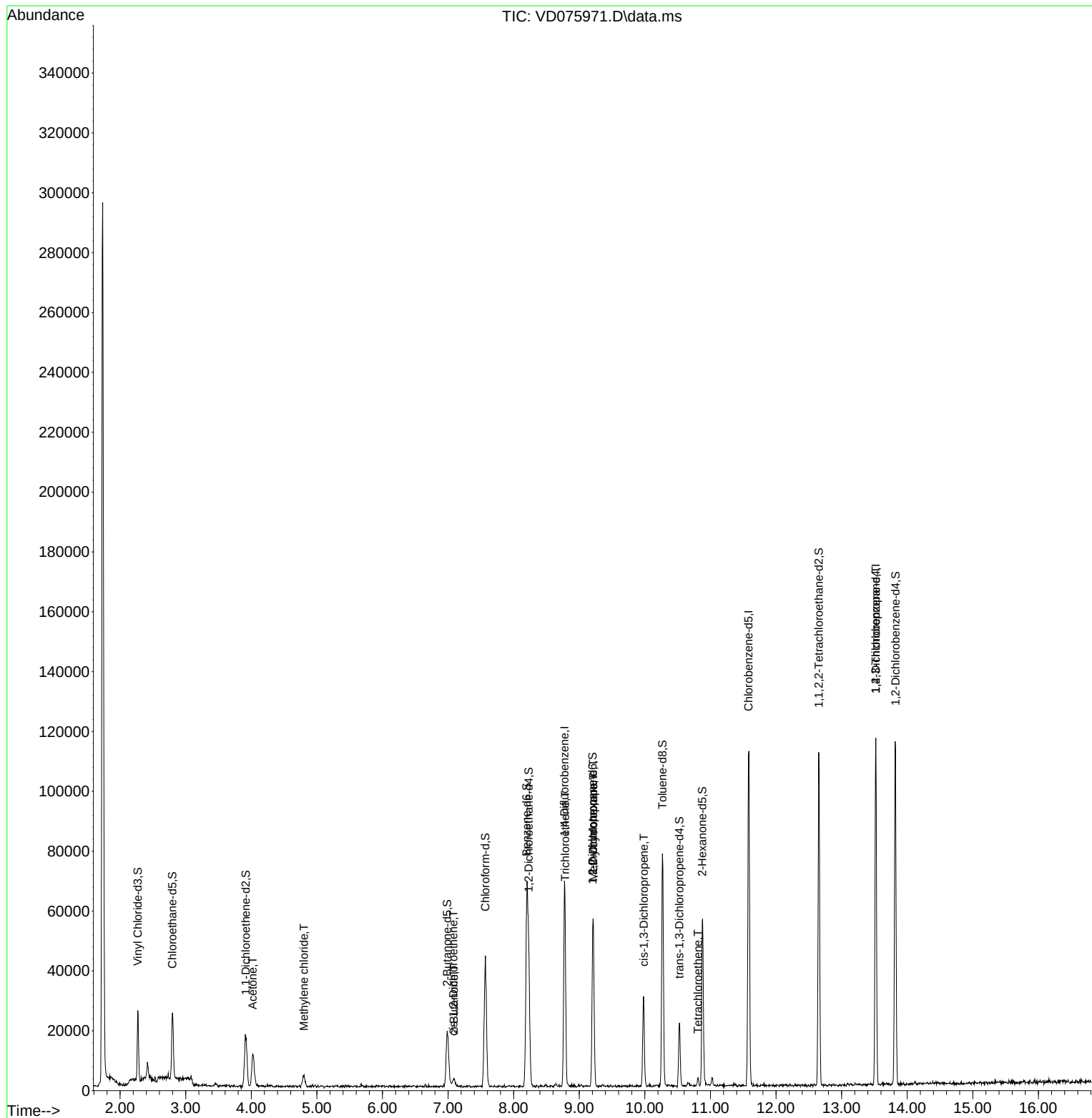
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	67738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	74105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	35897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	21494	14.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.840%
7) Chloroethane-d5	2.799	69	24476	19.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
11) 1,1-Dichloroethene-d2	3.916	65	5147	15.024	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.080%
21) 2-Butanone-d5	6.987	46	31356	243.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	486.120%#
24) Chloroform-d	7.569	84	45957	27.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	8.228	65	29845	41.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	165.040%#
32) Benzene-d6	8.198	84	74567	17.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.040%
36) 1,2-Dichloropropane-d6	9.204	67	30638	25.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.520%
41) Toluene-d8	10.269	98	60000	14.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.360%
43) trans-1,3-Dichloroprop...	10.528	79	12502	25.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.200%
47) 2-Hexanone-d5	10.875	63	20226	140.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	281.020%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57248	62.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	250.320%#
66) 1,2-Dichlorobenzene-d4	13.822	152	35492	27.953	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.800%
Target Compounds					Qvalue	
13) Acetone	4.022	43	18541	167.948	ug/L	92
16) Methylene chloride	4.804	84	2606	1.896	ug/L	88
20) cis-1,2-Dichloroethene	7.081	96	550	0.521	ug/L #	34
22) 2-Butanone	7.087	43	3284	22.818	ug/L	72
34) Trichloroethene	8.786	95	1899	1.638	ug/L #	2
35) Methylcyclohexane	9.216	83	7867	4.402	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	3336	3.240	ug/L #	85
39) cis-1,3-Dichloropropene	9.986	75	665	0.406	ug/L #	82
46) Tetrachloroethene	10.810	164	1025	1.078	ug/L #	60
61) 1,2,3-Trichloropropane	13.522	75	3630	6.437	ug/L #	62

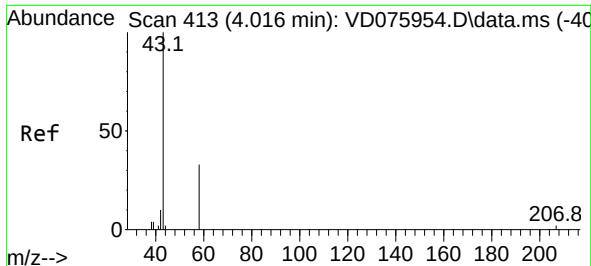
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
Response via : Initial Calibration

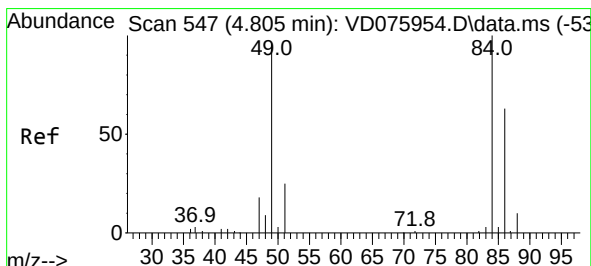
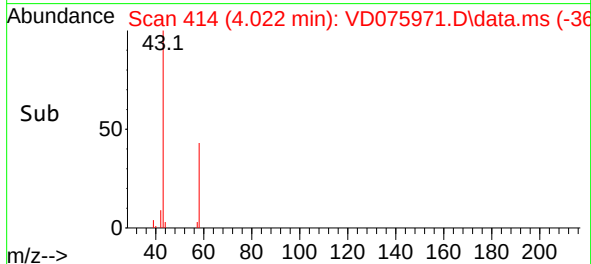
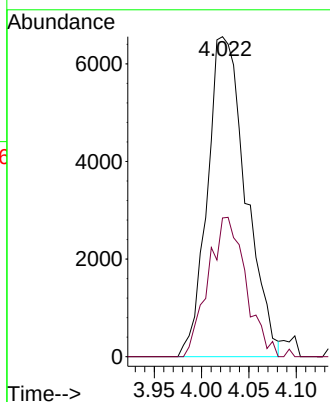
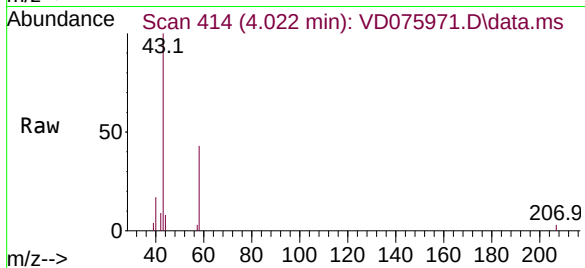




#13
Acetone
Concen: 167.948 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

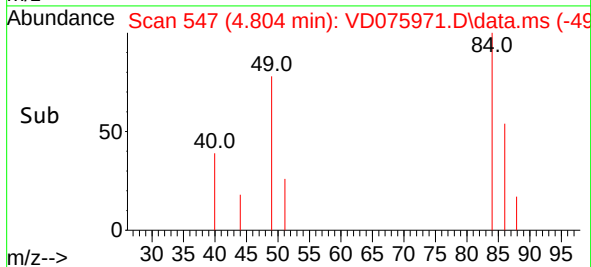
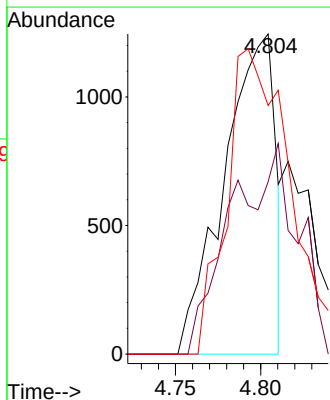
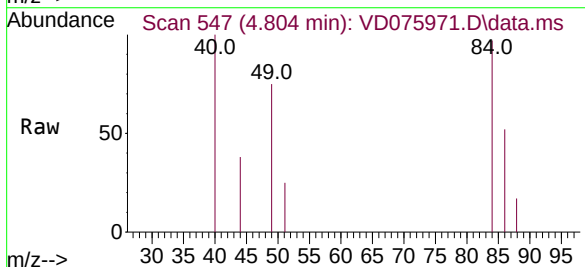
Instrument :
MSVOA_D
ClientSampleId :
DCCN0

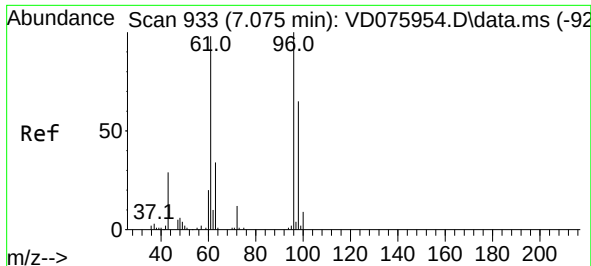
Tgt Ion: 43 Resp: 18541
Ion Ratio Lower Upper
43 100
58 38.7 0.0 87.4



#16
Methylene chloride
Concen: 1.896 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

Tgt Ion: 84 Resp: 2606
Ion Ratio Lower Upper
84 100
86 53.8 45.8 85.2
49 77.7 60.8 112.8

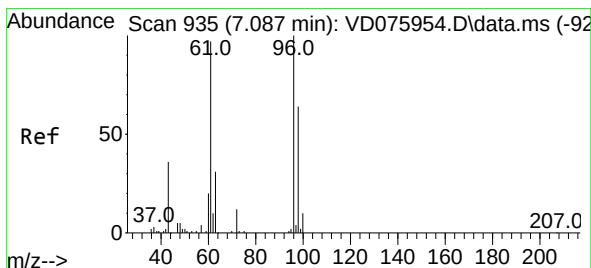
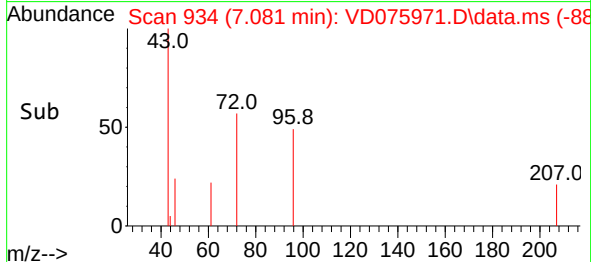
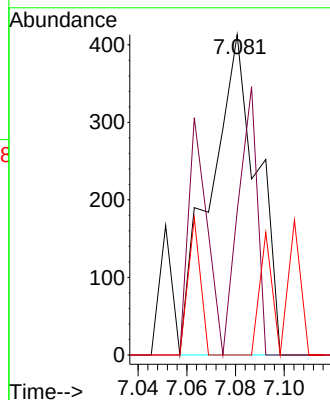
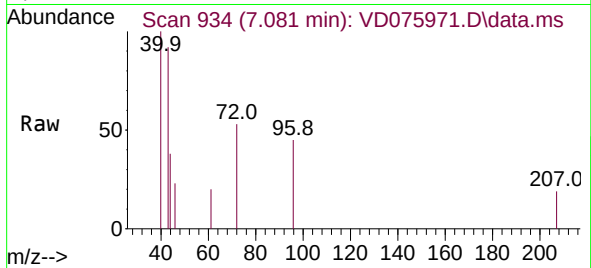




#20
 cis-1,2-Dichloroethene
 Concen: 0.521 ug/L
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075971.D
 Acq: 02 May 2023 18:31

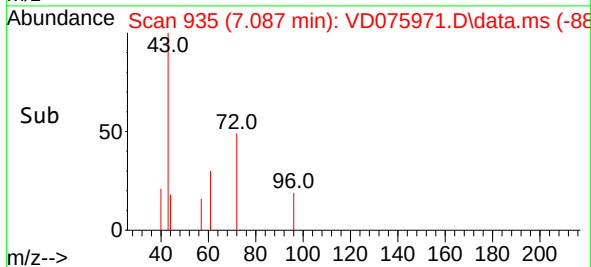
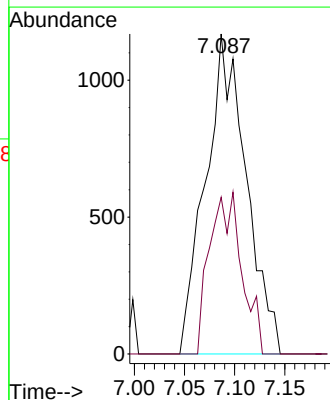
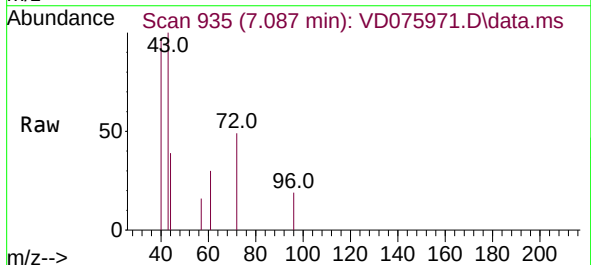
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0

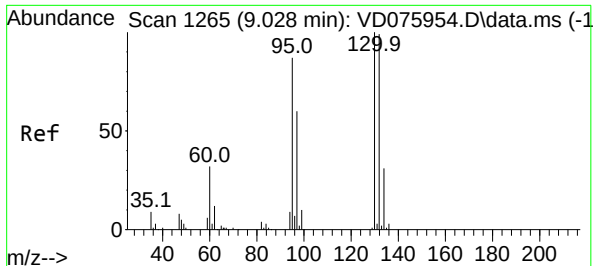
Tgt Ion: 96 Resp: 550
 Ion Ratio Lower Upper
 96 100
 61 44.8 67.5 125.3#
 98 0.0 47.5 88.1#



#22
 2-Butanone
 Concen: 22.818 ug/L
 RT: 7.087 min Scan# 935
 Delta R.T. -0.000 min
 Lab File: VD075971.D
 Acq: 02 May 2023 18:31

Tgt Ion: 43 Resp: 3284
 Ion Ratio Lower Upper
 43 100
 72 23.5 20.5 61.5

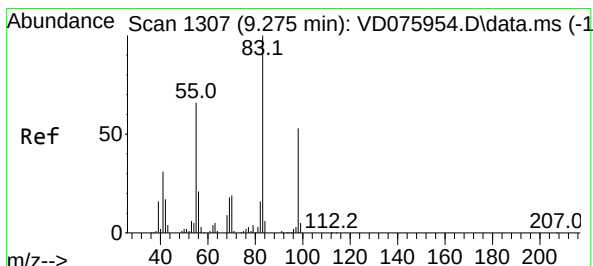
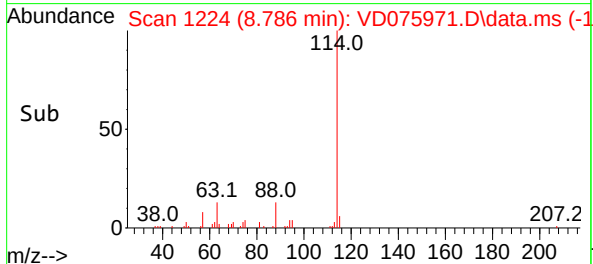
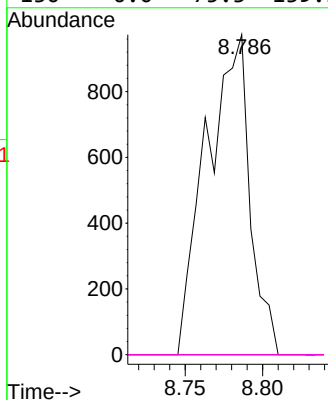
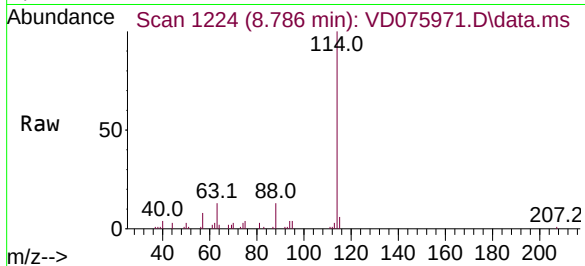




#34
 Trichloroethene
 Concen: 1.638 ug/L
 RT: 8.786 min Scan# 1224
 Delta R.T. -0.241 min
 Lab File: VD075971.D
 Acq: 02 May 2023 18:31

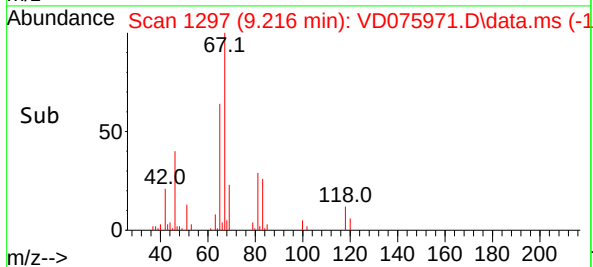
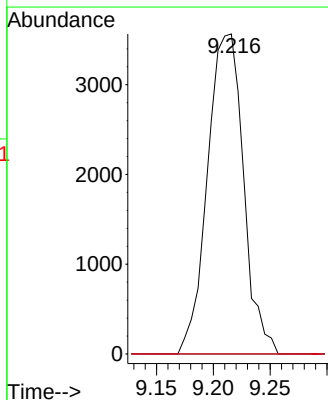
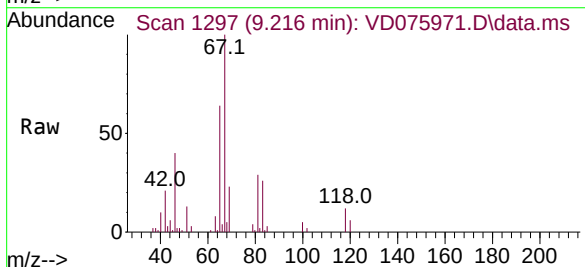
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0

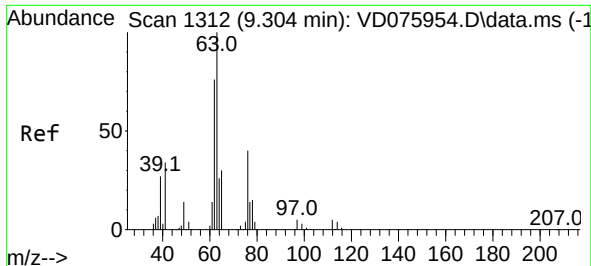
Tgt Ion:	95	Resp:	1899
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
 Methylcyclohexane
 Concen: 4.402 ug/L
 RT: 9.216 min Scan# 1297
 Delta R.T. -0.059 min
 Lab File: VD075971.D
 Acq: 02 May 2023 18:31

Tgt Ion:	83	Resp:	7867
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#

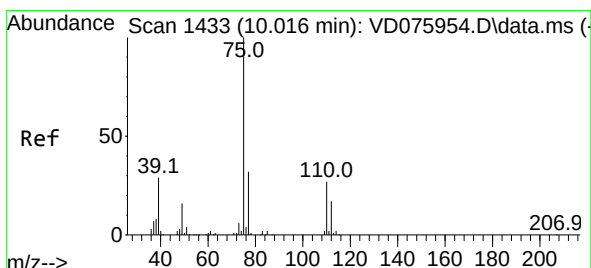
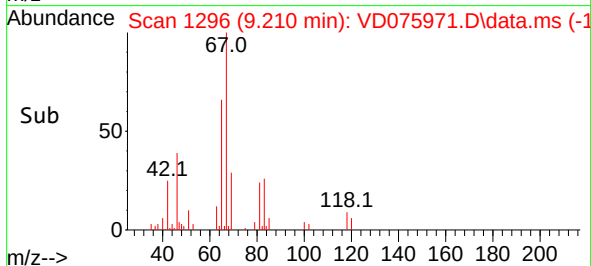
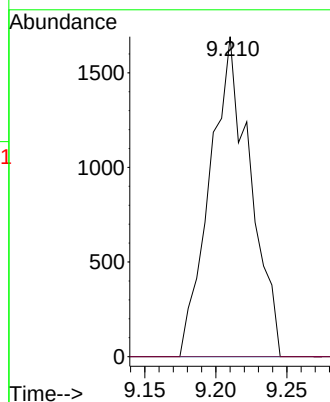
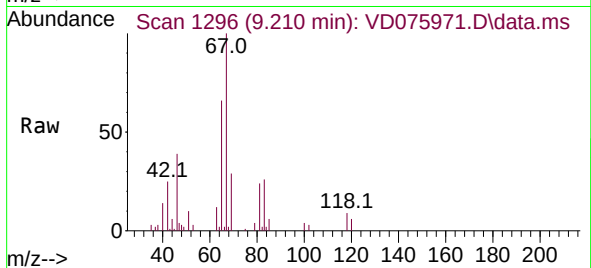




#37
1,2-Dichloropropane
Concen: 3.240 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

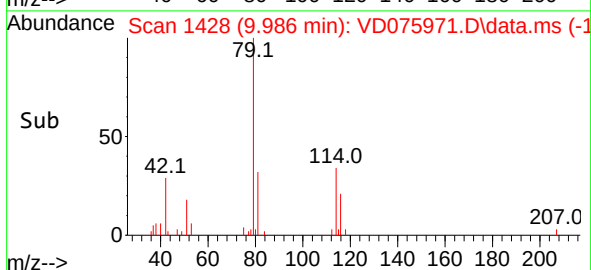
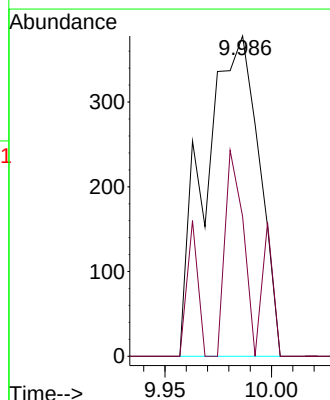
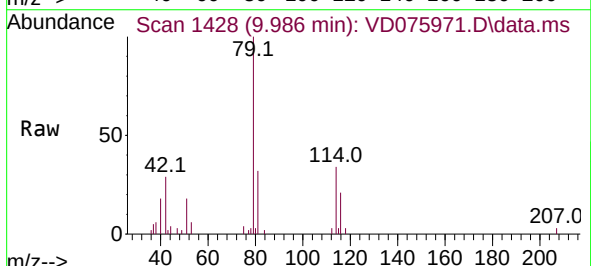
Instrument :
MSVOA_D
ClientSampleId :
DCCN0

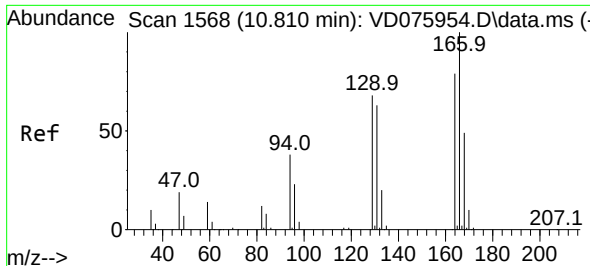
Tgt Ion: 63 Resp: 3336
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.406 ug/L
RT: 9.986 min Scan# 1428
Delta R.T. -0.030 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

Tgt Ion: 75 Resp: 665
Ion Ratio Lower Upper
75 100
77 43.7 23.4 43.6#

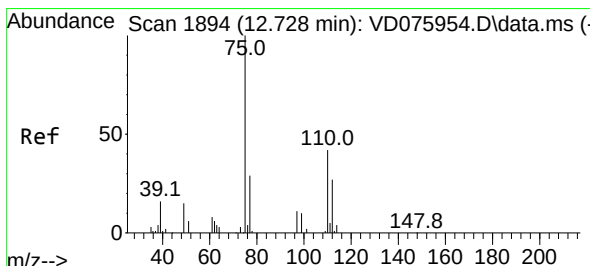
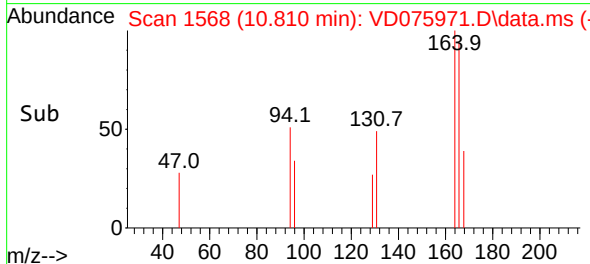
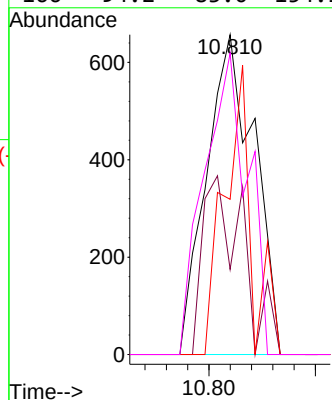
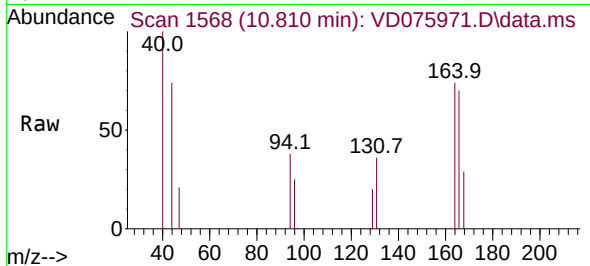




#46
Tetrachloroethene
Concen: 1.078 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
DCCN0

Tgt Ion:164	Resp:	1025
Ion	Ratio	Lower Upper
164	100	
129	26.6	60.3 112.1#
131	48.6	58.9 109.3#
166	94.2	83.0 154.1



#61
1,2,3-Trichloropropane
Concen: 6.437 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD075971.D
Acq: 02 May 2023 18:31

Tgt Ion: 75	Resp:	3630
Ion	Ratio	Lower Upper
75	100	
77	35.1	26.6 39.8
110	0.0	33.5 50.3#

