

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076000.D
 Acq On : 04 May 2023 13:06
 Operator : KP/SY
 Sample : 02589-10
 Misc : 4.68G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

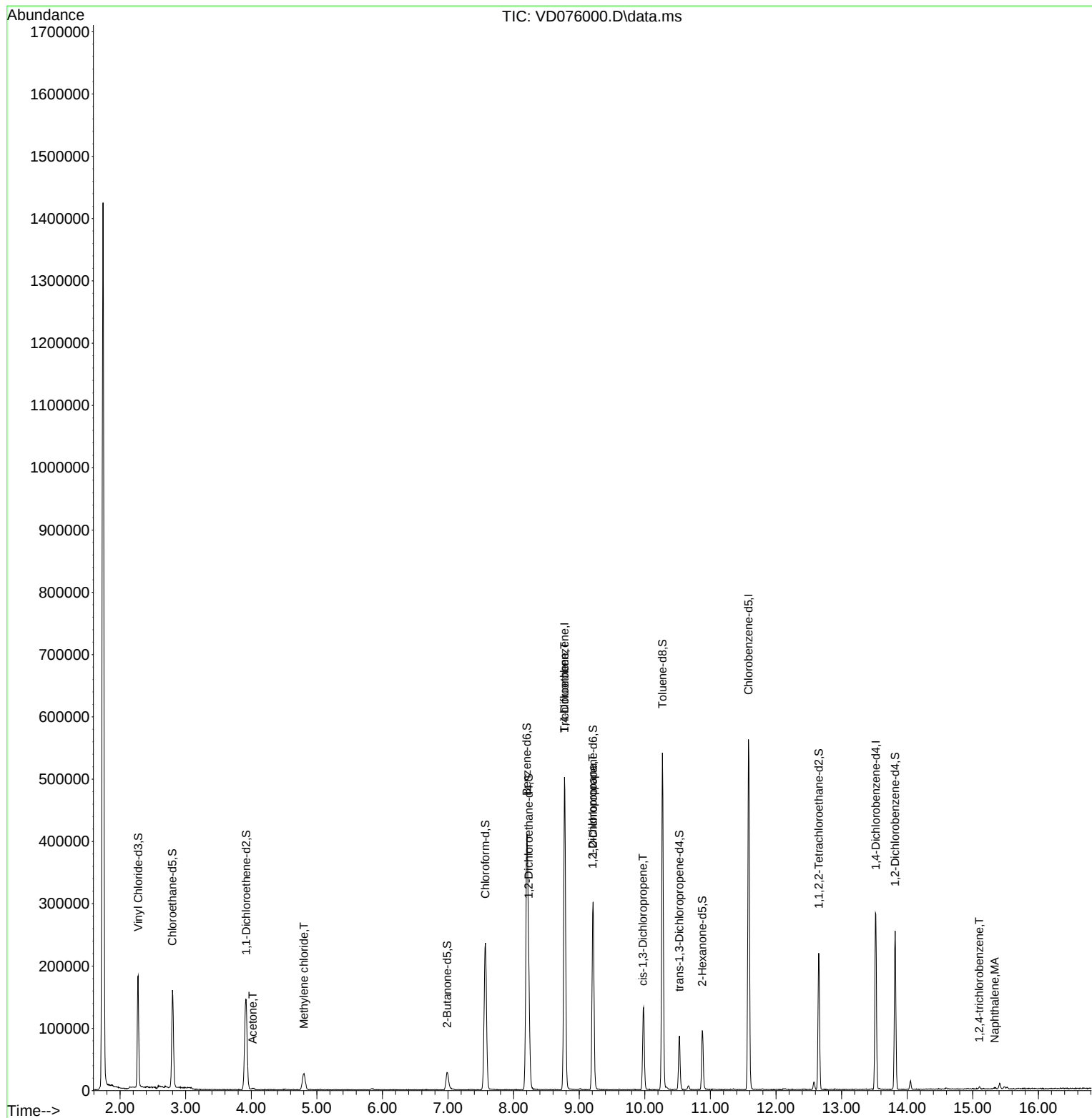
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	486253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	358619	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	87708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	173323	16.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.000%
7) Chloroethane-d5	2.799	69	171198	18.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	3.922	65	41729	16.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.880%
21) 2-Butanone-d5	6.987	46	47110	50.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.740%
24) Chloroform-d	7.569	84	265208	21.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.228	65	113529	21.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.440%
32) Benzene-d6	8.199	84	474322	22.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.210	67	162487	28.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.360%
41) Toluene-d8	10.269	98	386399	19.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	10.528	79	51017	21.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.320%
47) 2-Hexanone-d5	10.875	63	36875	52.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115104	26.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	74144	23.899	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	2675	3.375	ug/L	88
16) Methylene chloride	4.805	84	22847	2.316	ug/L	85
34) Trichloroethene	8.775	95	11632	2.074	ug/L #	2
37) 1,2-Dichloropropane	9.205	63	16286	3.268	ug/L #	85
39) cis-1,3-Dichloropropene	9.969	75	3548	0.448	ug/L	92
70) 1,2,4-trichlorobenzene	15.098	180	1303	0.422	ug/L	97
71) Naphthalene	15.334	128	3290	0.582	ug/L #	72

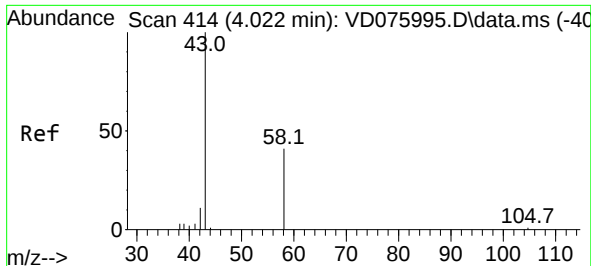
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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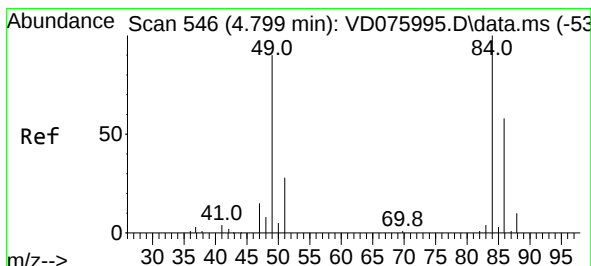
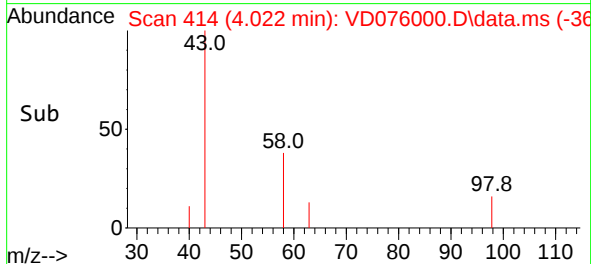
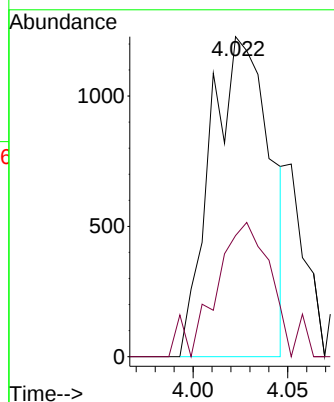
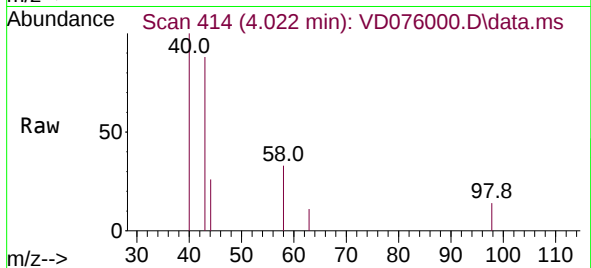




#13
Acetone
Concen: 3.375 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076000.D
Acq: 04 May 2023 13:06

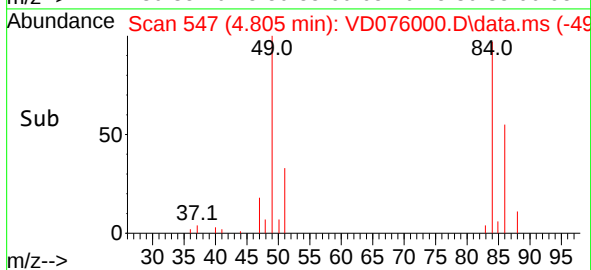
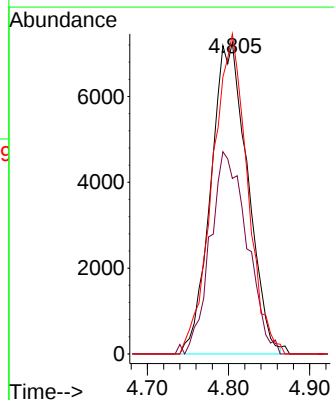
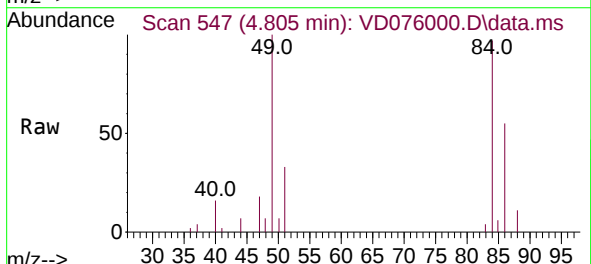
Instrument :
MSVOA_D
ClientSampleId :

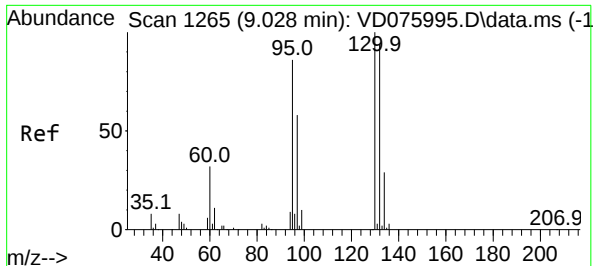
Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
58 36.2 0.0 87.4



#16
Methylene chloride
Concen: 2.316 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076000.D
Acq: 04 May 2023 13:06

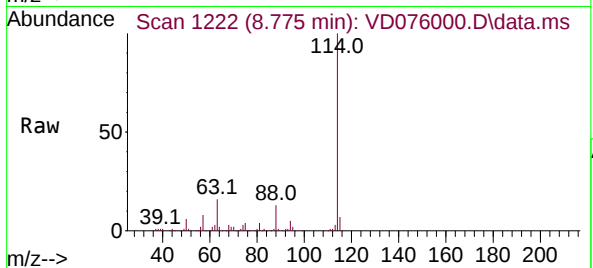
Tgt Ion: 84 Resp: 22847
Ion Ratio Lower Upper
84 100
86 56.3 45.8 85.2
49 102.7 60.8 112.8



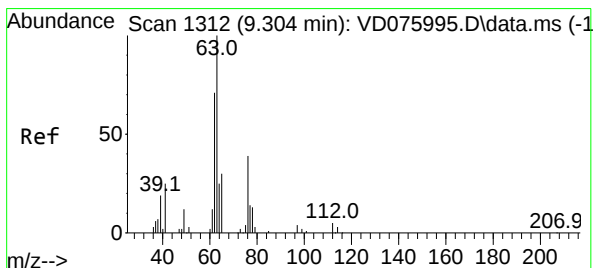
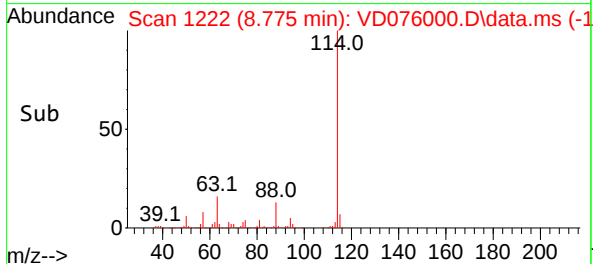
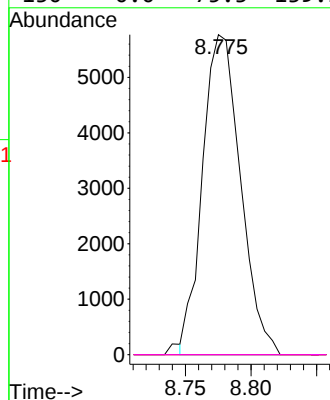


#34
 Trichloroethene
 Concen: 2.074 ug/L
 RT: 8.775 min Scan# 11632
 Delta R.T. -0.253 min
 Lab File: VD076000.D
 Acq: 04 May 2023 13:06

Instrument :
 MSVOA_D
 ClientSampleId :

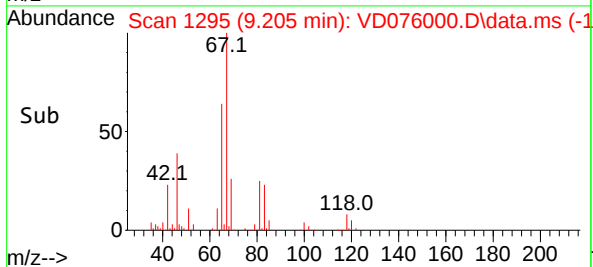
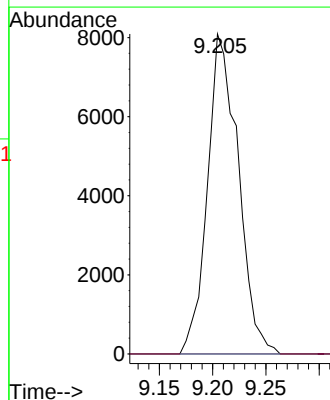
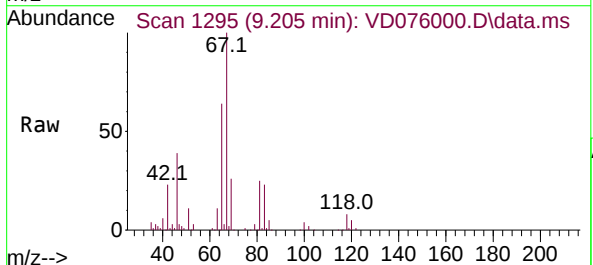


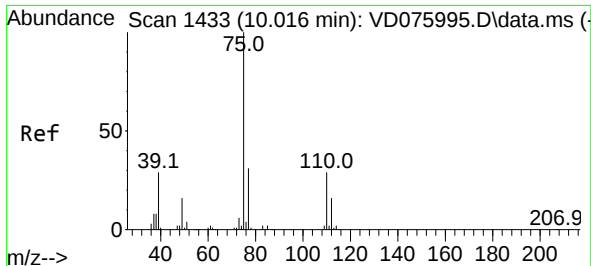
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#37
 1,2-Dichloropropane
 Concen: 3.268 ug/L
 RT: 9.205 min Scan# 1295
 Delta R.T. -0.100 min
 Lab File: VD076000.D
 Acq: 04 May 2023 13:06

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

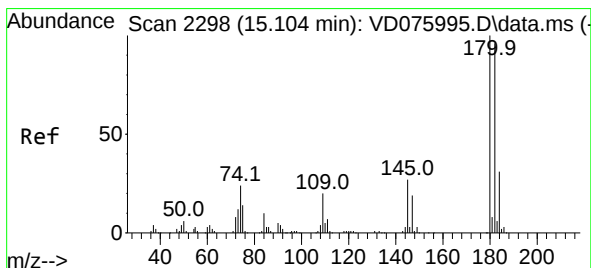
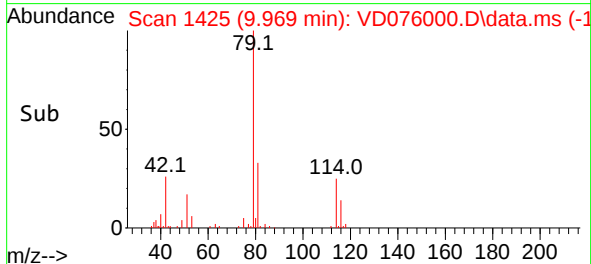
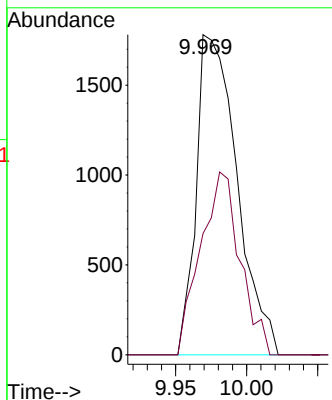
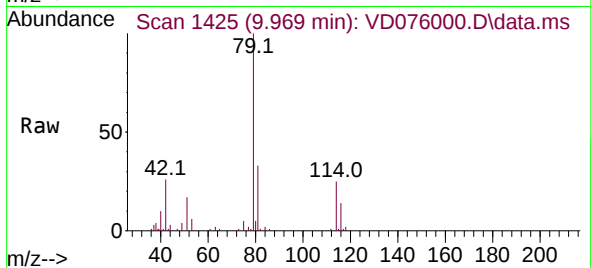




#39
 cis-1,3-Dichloropropene
 Concen: 0.448 ug/L
 RT: 9.969 min Scan# 1433
 Delta R.T. -0.047 min
 Lab File: VD076000.D
 Acq: 04 May 2023 13:06

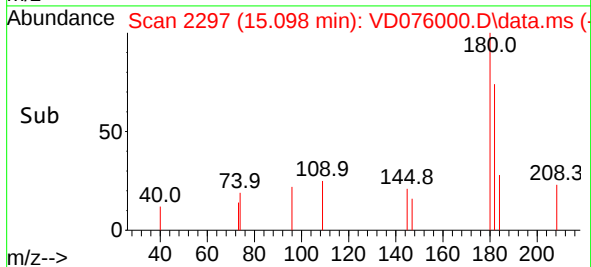
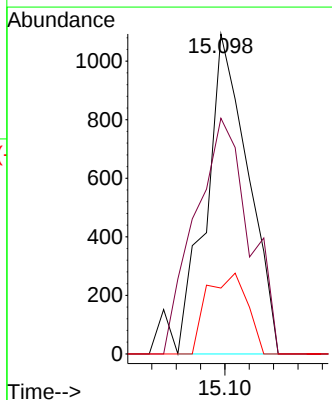
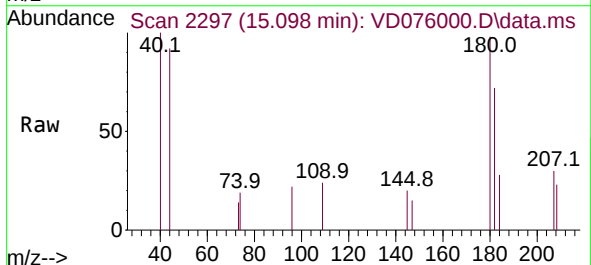
Instrument :
 MSVOA_D
 ClientSampleId :

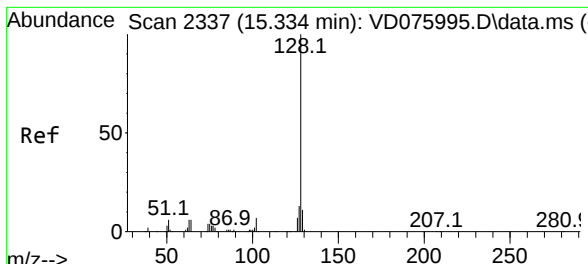
Tgt Ion: 75 Resp: 3548
 Ion Ratio Lower Upper
 75 100
 77 37.8 23.4 43.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.422 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD076000.D
 Acq: 04 May 2023 13:06

Tgt Ion: 180 Resp: 1303
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.4 113.2
 145 24.3 23.6 35.4





#71
 Naphthalene
 Concen: 0.582 ug/L
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076000.D
 Acq: 04 May 2023 13:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	3290
Ion Ratio	Lower	Upper	
128	100		
127	2.7	10.5	15.7#
129	0.0	9.1	13.7#

