

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076917.D
 Acq On : 03 Aug 2023 14:17
 Operator : KP/SY
 Sample : VD0803SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 04 02:31:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

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

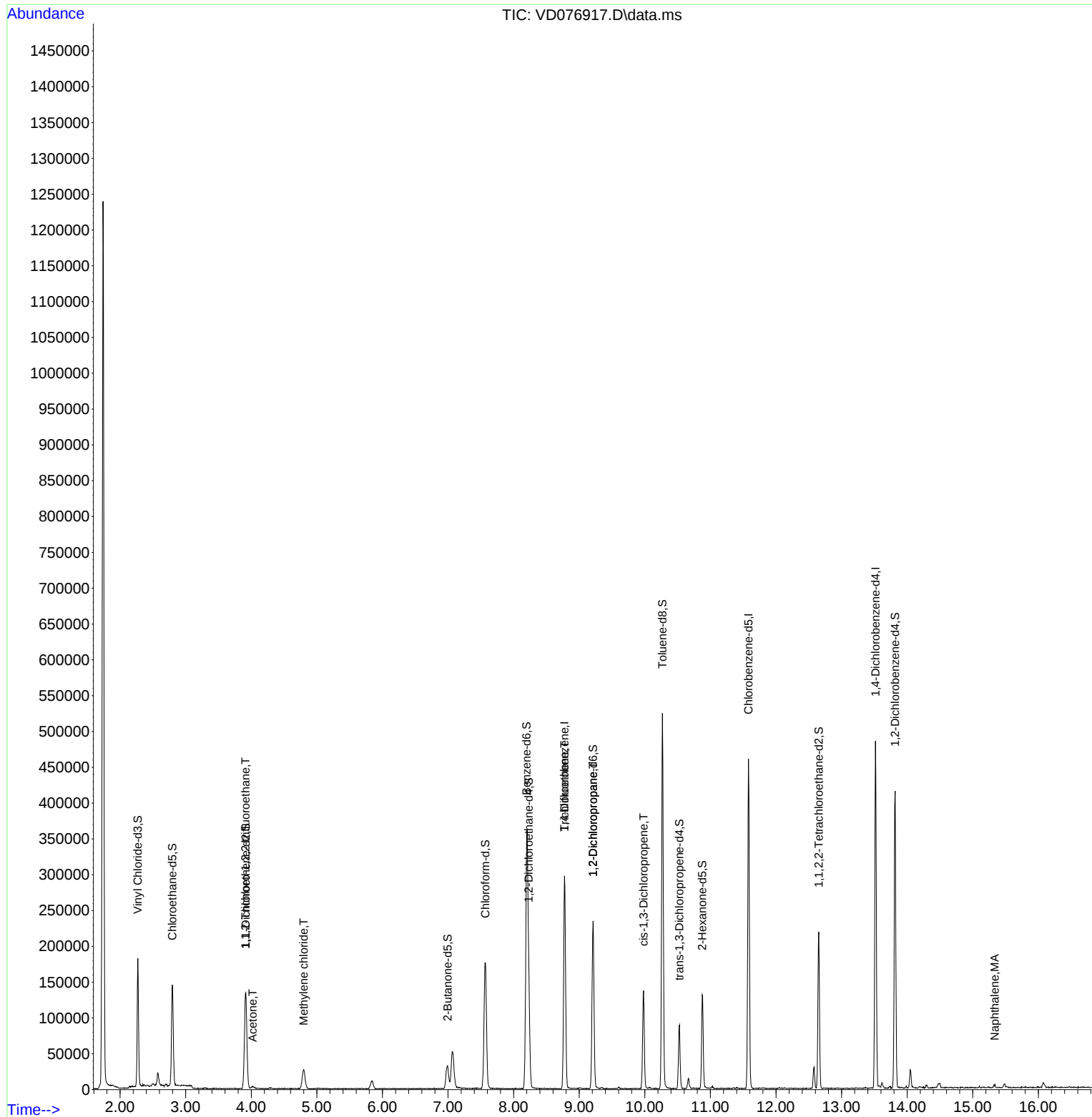
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	276410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271229	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	125676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	159956	21.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
7) Chloroethane-d5	2.799	69	150796	21.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	3.917	65	37051	20.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.280%
21) 2-Butanone-d5	6.993	46	58571	47.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.980%
24) Chloroform-d	7.569	84	191848	21.315	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	8.228	65	97402	21.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.199	84	394460	23.132	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.210	67	120034	22.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.269	98	360293	23.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.528	79	51108	21.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.240%
47) 2-Hexanone-d5	10.875	63	48003	47.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111123	21.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	113291	24.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1513	0.330	ug/L #	20
13) Acetone	4.022	43	3647	2.922	ug/L	83
16) Methylene chloride	4.799	84	21542	3.715	ug/L	81
34) Trichloroethene	8.775	95	8079	1.745	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	12288	2.721	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3801	0.521	ug/L	88
71) Naphthalene	15.334	128	4242	0.397	ug/L #	85

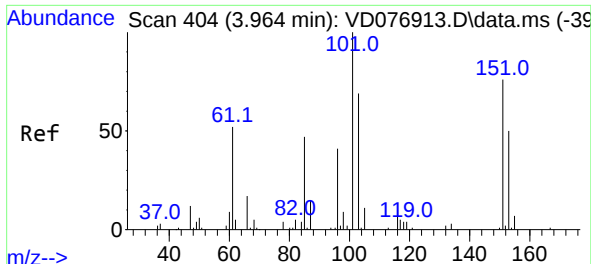
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 04 02:31:29 2023
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Quant Title : SFAM01.0
QLast Update : Fri Aug 04 02:21:25 2023
Response via : Initial Calibration

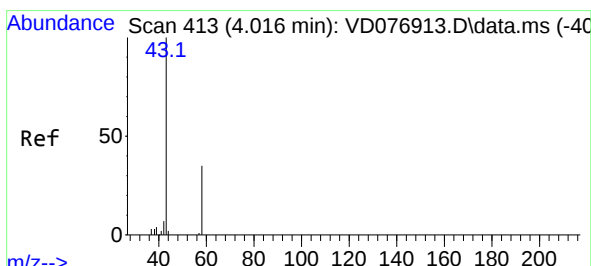
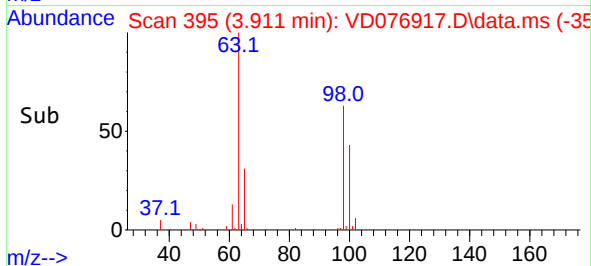
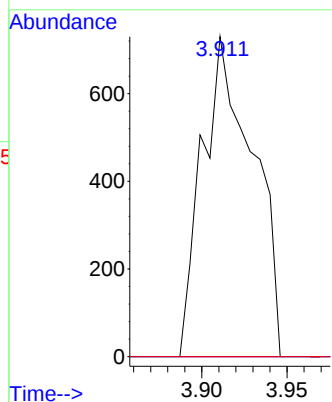
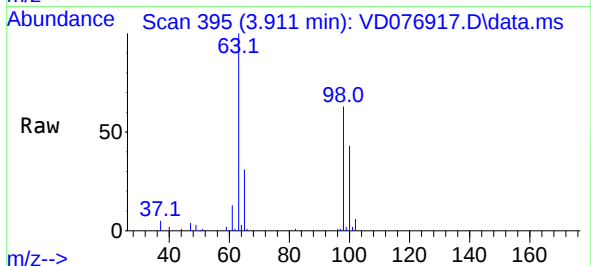




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.330 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.053 min
Lab File: VD076917.D
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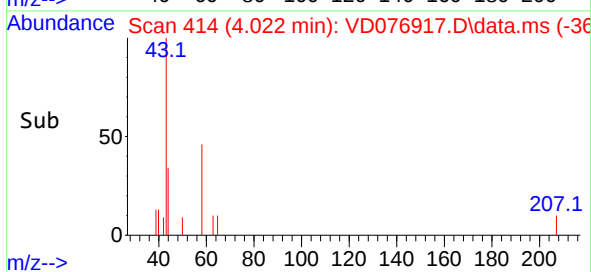
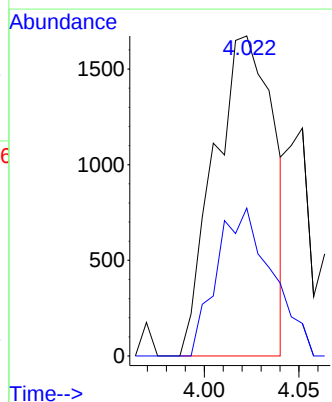
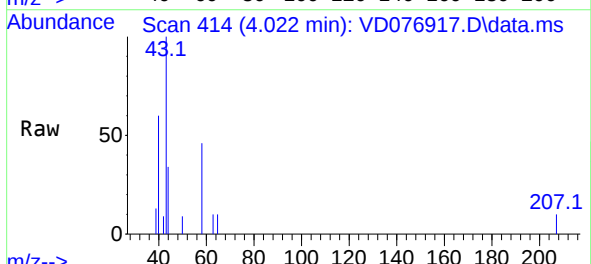
Instrument :
MSVOA_D
ClientSampleId :

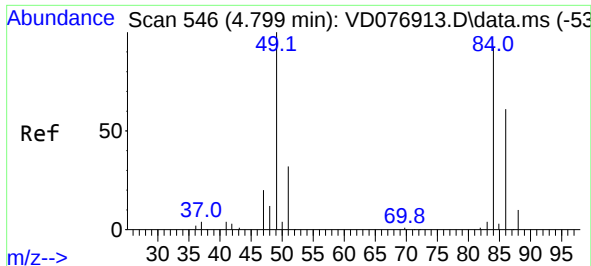
Tgt Ion:101 Resp: 1513
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#13
Acetone
Concen: 2.922 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076917.D
Acq: 03 Aug 2023 14:17

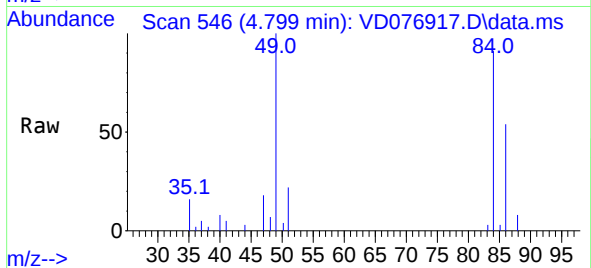
Tgt Ion: 43 Resp: 3647
Ion Ratio Lower Upper
43 100
58 43.1 0.0 67.4





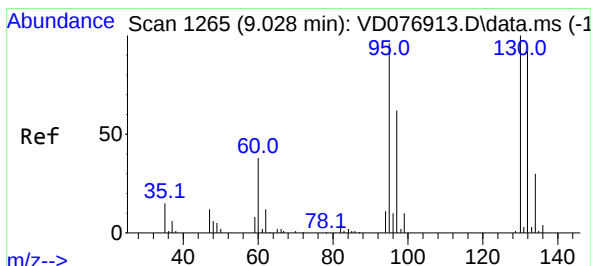
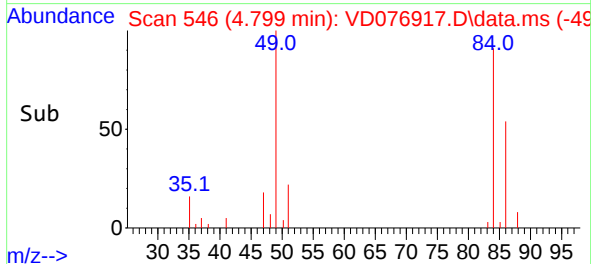
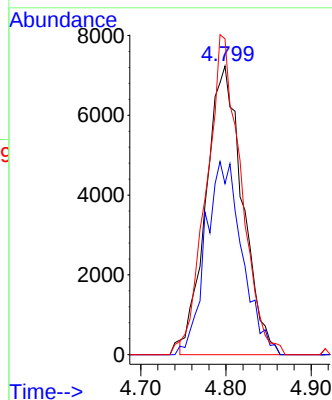
#16
Methylene chloride
Concen: 3.715 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076917.D
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Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 21542

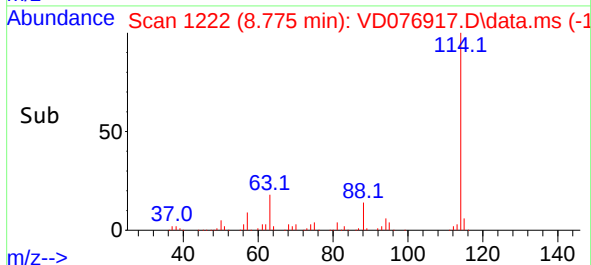
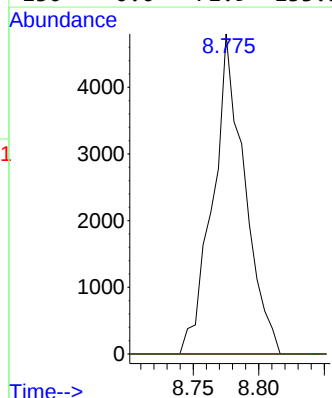
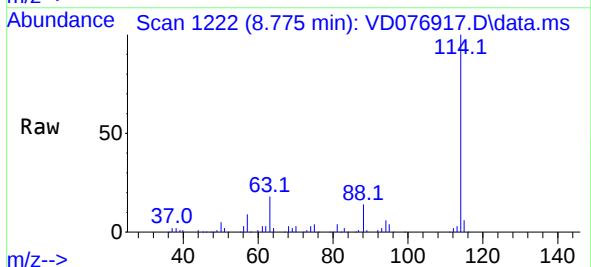
Ion	Ratio	Lower	Upper
84	100		
86	59.3	45.1	83.9
49	109.5	97.2	180.6

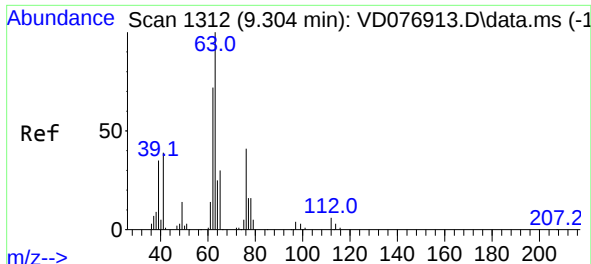


#34
Trichloroethene
Concen: 1.745 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076917.D
Acq: 03 Aug 2023 14:17

Tgt Ion: 95 Resp: 8079

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

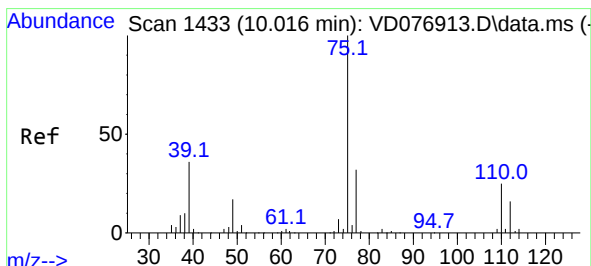
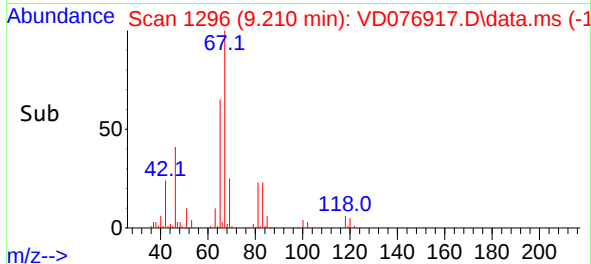
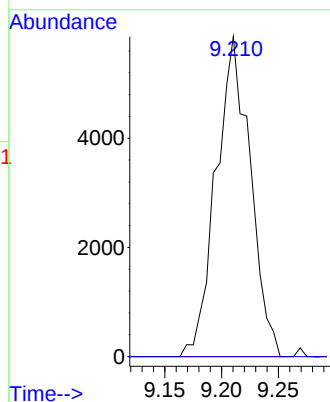
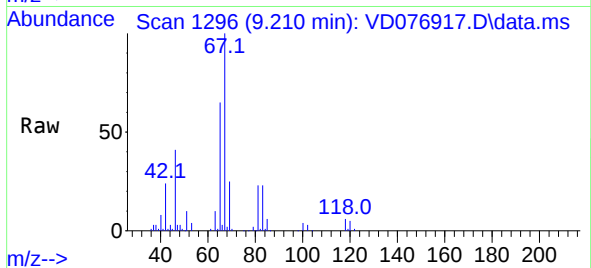




#37
1,2-Dichloropropane
Concen: 2.721 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076917.D
Acq: 03 Aug 2023 14:17

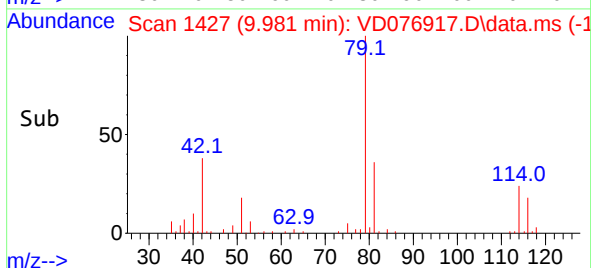
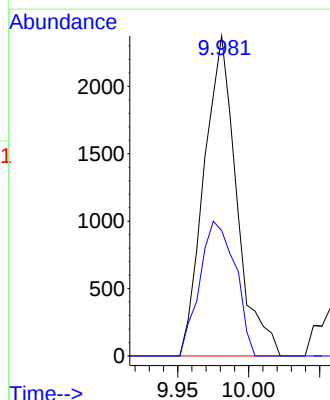
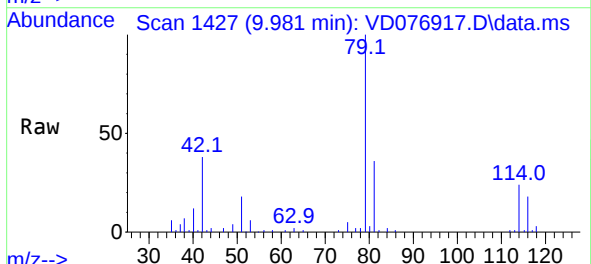
Instrument :
MSVOA_D
ClientSampleId :

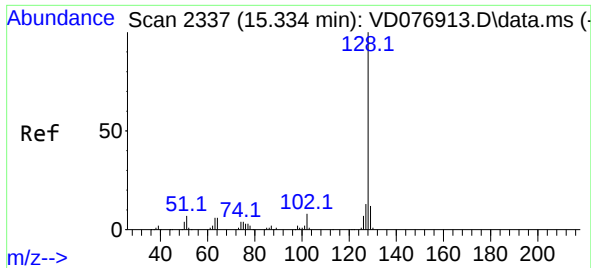
Tgt Ion: 63 Resp: 12288
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.521 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076917.D
Acq: 03 Aug 2023 14:17

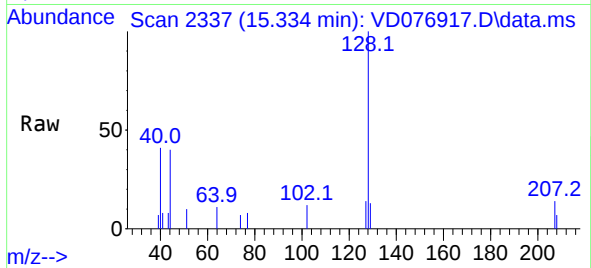
Tgt Ion: 75 Resp: 3801
Ion Ratio Lower Upper
75 100
77 39.2 22.7 42.3





#71
Naphthalene
Concen: 0.397 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076917.D
Acq: 03 Aug 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	4242
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.8	16.2#
129	6.0	8.6	12.8#

