

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075776.D
 Acq On : 21 Apr 2023 15:28
 Operator : KP/SY
 Sample : 02447-08
 Misc : 5.30G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW913

Quant Time: Apr 22 03:55:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

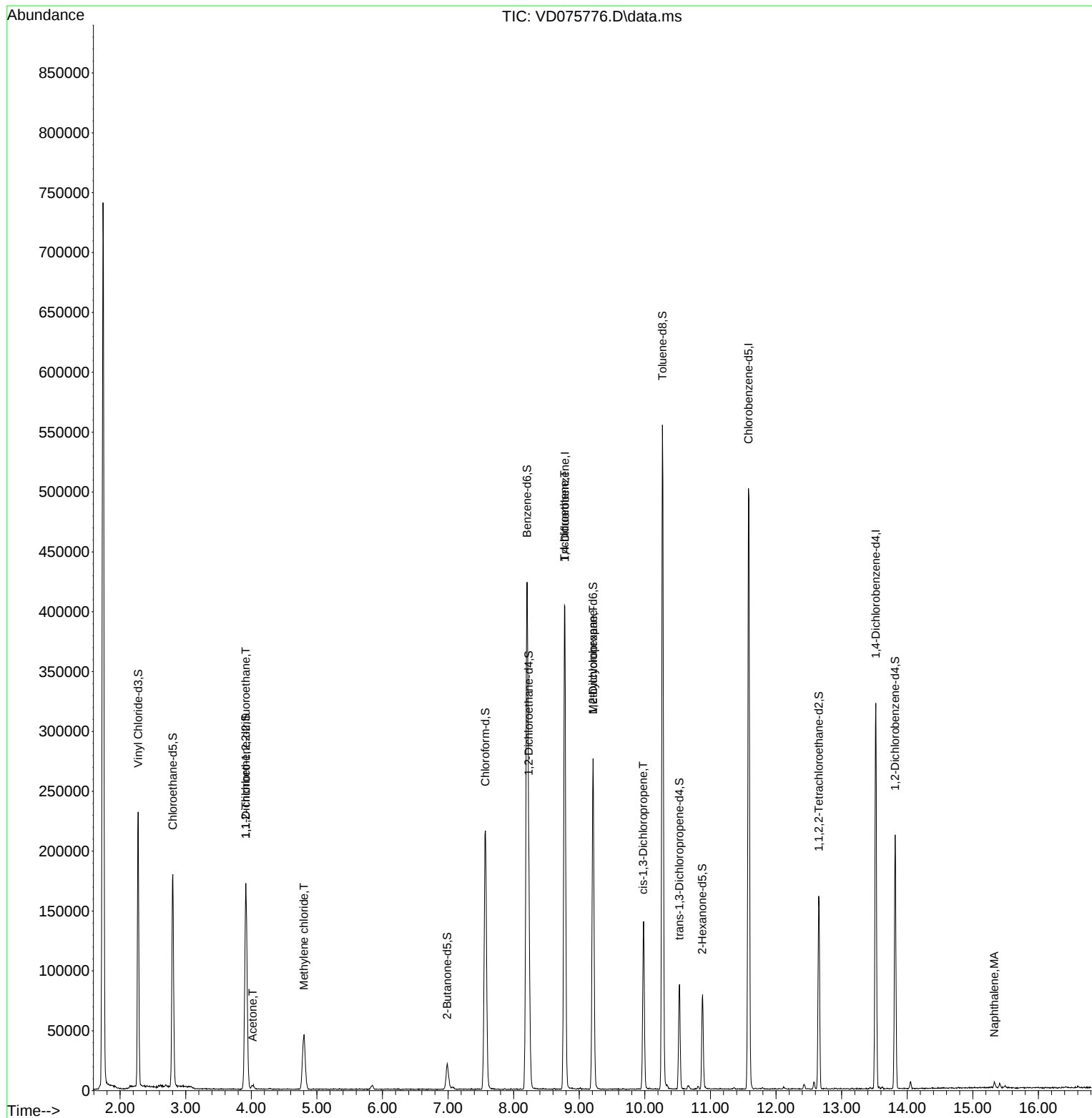
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	397916	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	330610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	94266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	220067	25.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
7) Chloroethane-d5	2.805	69	194772	25.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.280%
11) 1,1-Dichloroethene-d2	3.916	65	46771	23.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.960%
21) 2-Butanone-d5	6.987	46	34361	45.343	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.680%
24) Chloroform-d	7.569	84	235893	23.707	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	8.228	65	105594	24.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	8.204	84	501093	26.005	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.210	67	143503	26.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.640%
41) Toluene-d8	10.269	98	406869	22.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.528	79	52551	23.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.360%
47) 2-Hexanone-d5	10.875	63	29065	45.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	87421	21.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	60637	18.186	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.760%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	1133	0.210	ug/L #	21
13) Acetone	4.022	43	4549	7.015	ug/L	65
16) Methylene chloride	4.805	84	40130	4.971	ug/L	98
34) Trichloroethene	8.775	95	10258	1.984	ug/L #	2
35) Methylcyclohexane	9.210	83	35610	4.466	ug/L #	25
39) cis-1,3-Dichloropropene	9.975	75	3485	0.477	ug/L	85
71) Naphthalene	15.328	128	5147	0.847	ug/L #	92

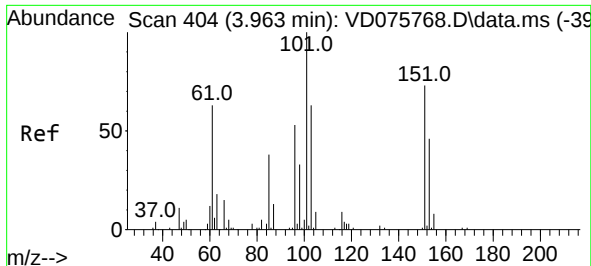
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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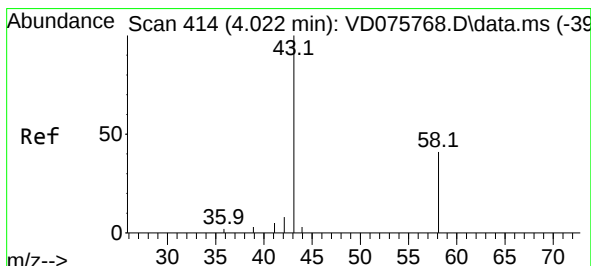
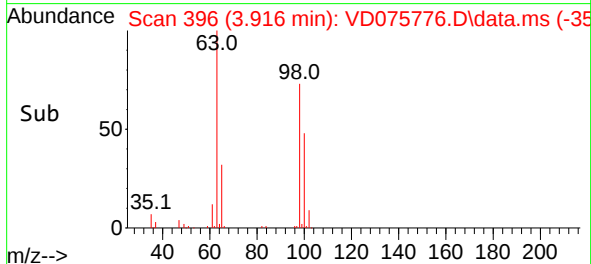
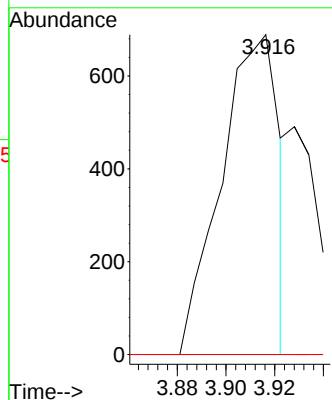
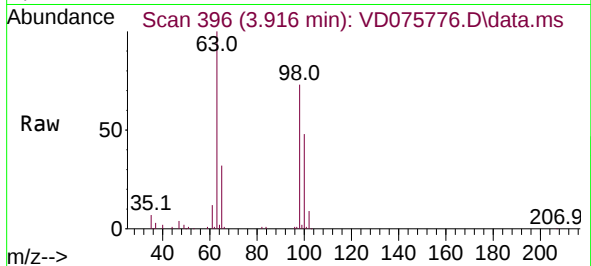




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.210 ug/L
RT: 3.916 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

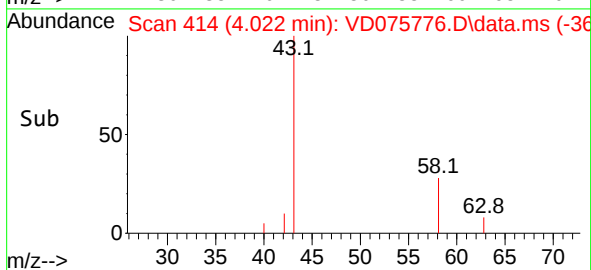
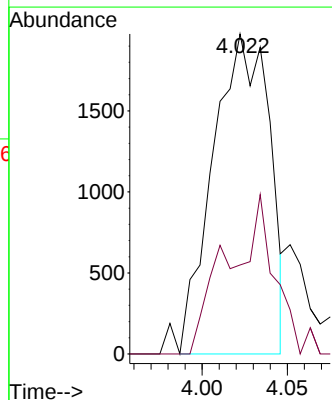
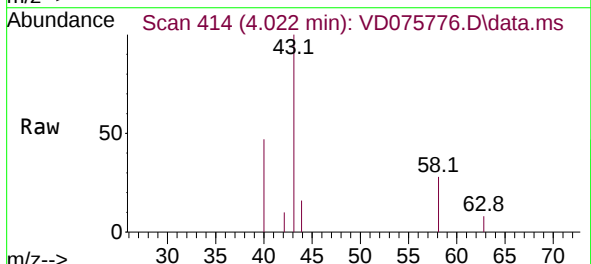
Instrument :
MSVOA_D
ClientSampleId :
EW913

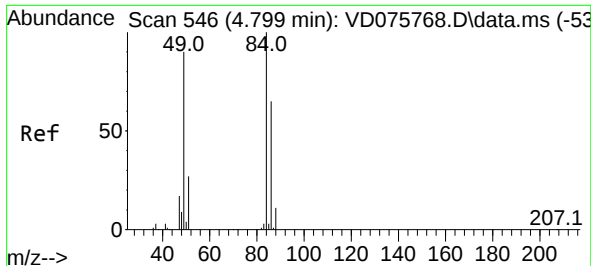
Tgt Ion:101 Resp: 1133
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#13
Acetone
Concen: 7.015 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

Tgt Ion: 43 Resp: 4549
Ion Ratio Lower Upper
43 100
58 21.4 0.0 87.4

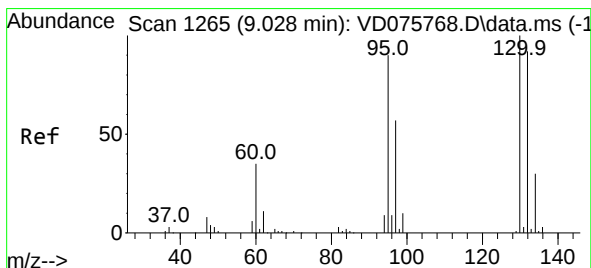
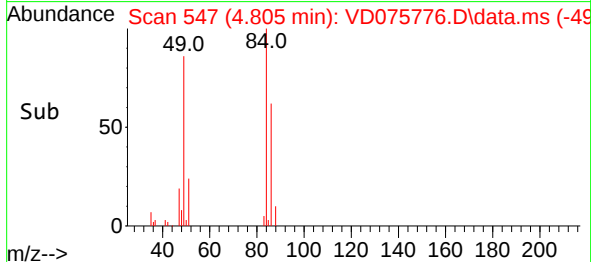
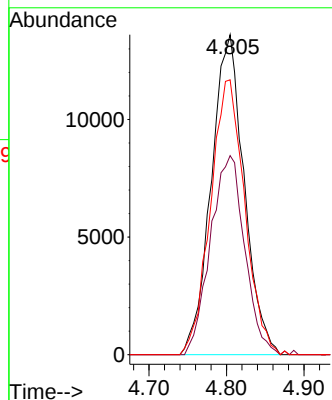
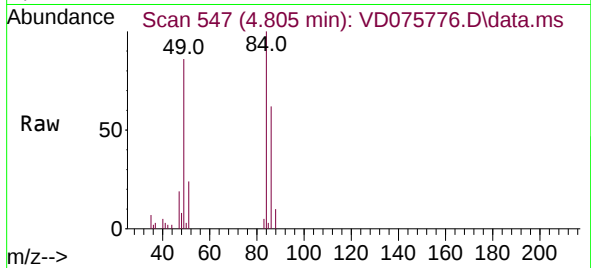




#16
Methylene chloride
Concen: 4.971 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

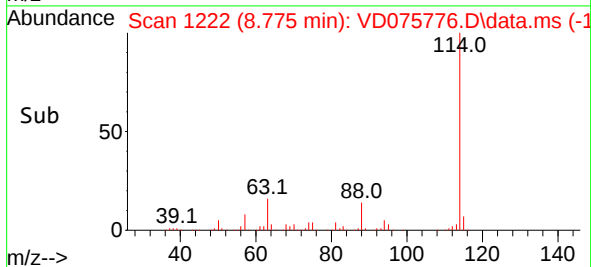
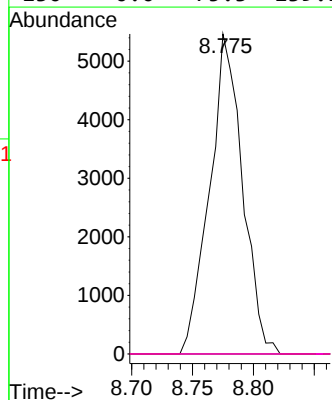
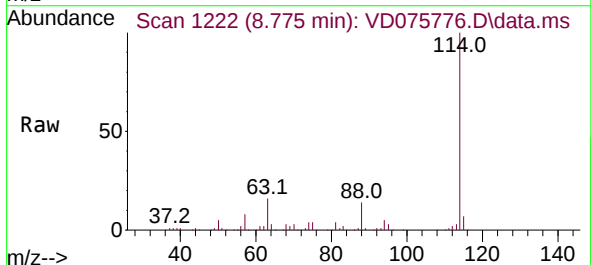
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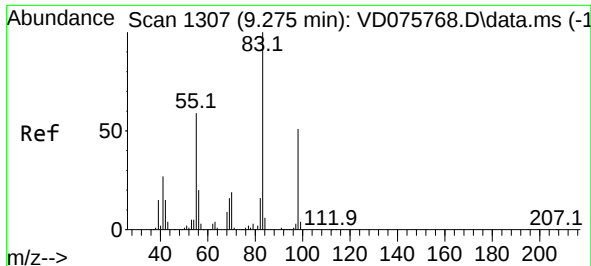
Tgt Ion: 84 Resp: 40130
Ion Ratio Lower Upper
84 100
86 62.2 45.8 85.2
49 85.9 60.8 112.8



#34
Trichloroethene
Concen: 1.984 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

Tgt Ion: 95 Resp: 10258
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#

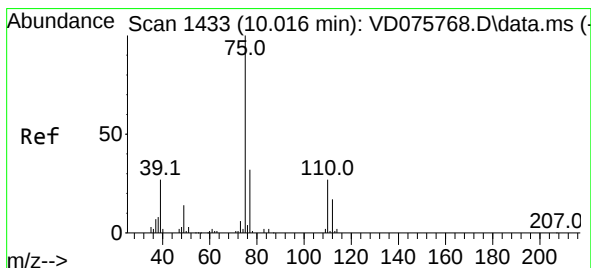
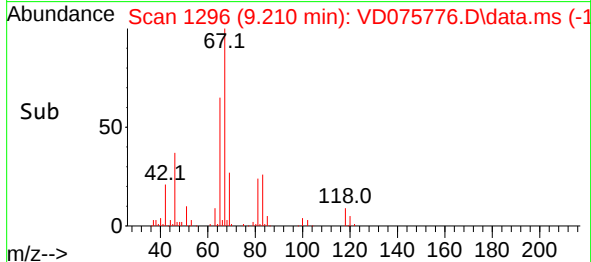
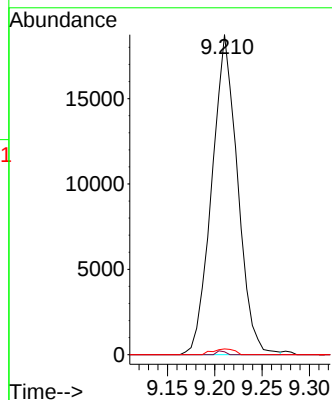
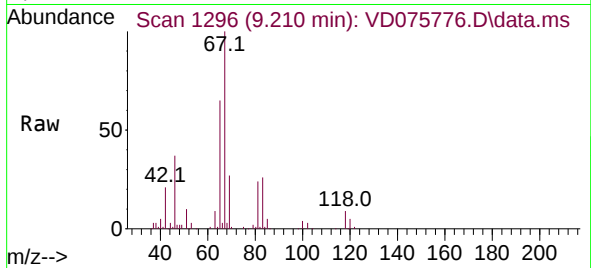




#35
Methylcyclohexane
Concen: 4.466 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

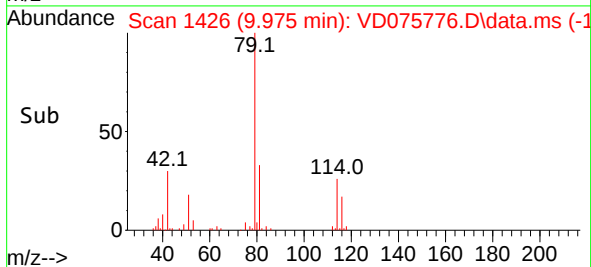
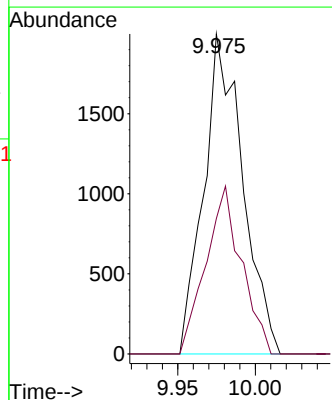
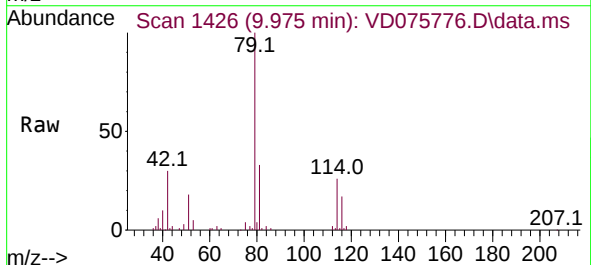
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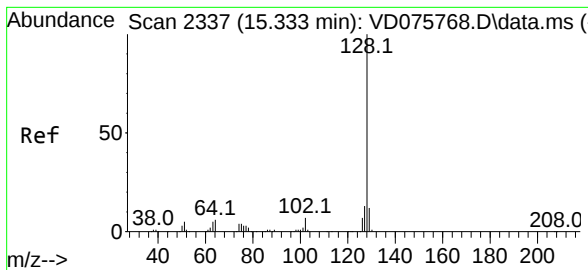
Tgt Ion: 83 Resp: 35610
Ion Ratio Lower Upper
83 100
55 0.4 48.2 72.2#
98 1.5 40.8 61.2#



#39
cis-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075776.D
Acq: 21 Apr 2023 15:28

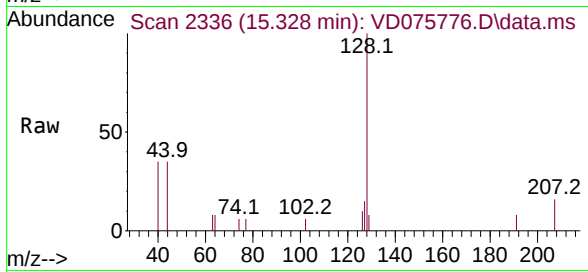
Tgt Ion: 75 Resp: 3485
Ion Ratio Lower Upper
75 100
77 42.3 23.4 43.6





#71
Naphthalene
Concen: 0.847 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075776.D
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Instrument : MSVOA_D
ClientSampleId : EW913



Tgt Ion:128 Resp: 5147

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	5.9	9.1	13.7#

