

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076087.D
 Acq On : 11 May 2023 18:31
 Operator : KP/SY
 Sample : 02591-21
 Misc : 4.48G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREJ6

Quant Time: May 12 03:05:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

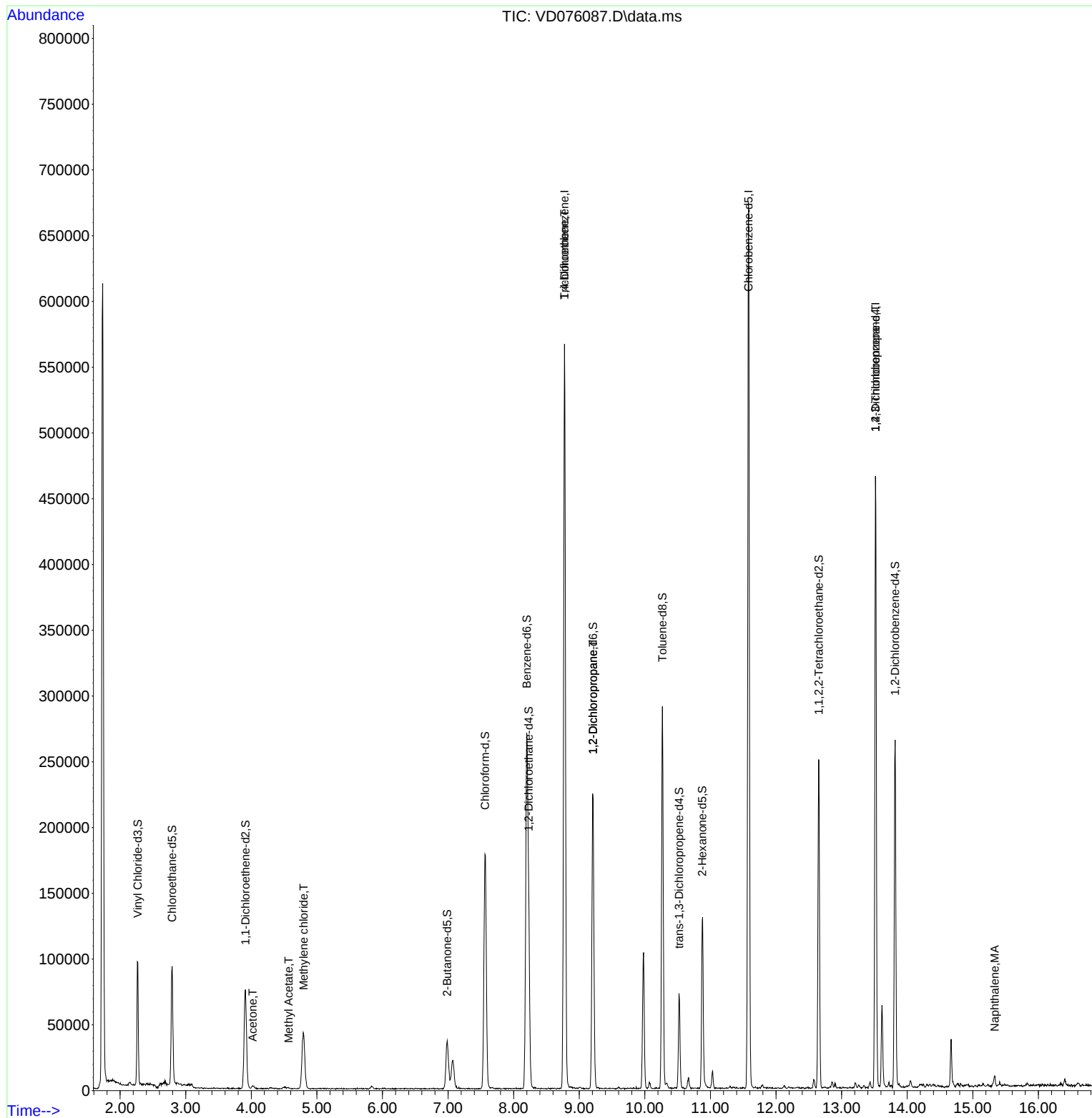
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	541774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	431855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	137088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	88697	10.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.800%
7) Chloroethane-d5	2.793	69	100204	13.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.680%
11) 1,1-Dichloroethene-d2	3.911	65	20594	9.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.480%#
21) 2-Butanone-d5	6.987	46	63427	56.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.680%
24) Chloroform-d	7.563	84	199876	17.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.440%
26) 1,2-Dichloroethane-d4	8.228	65	93603	18.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.040%
32) Benzene-d6	8.199	84	301338	15.477	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.920%
36) 1,2-Dichloropropane-d6	9.210	67	119866	19.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.920%
41) Toluene-d8	10.269	98	215288	12.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.640%
43) trans-1,3-Dichloroprop...	10.522	79	41847	18.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.320%
47) 2-Hexanone-d5	10.875	63	49059	55.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130838	25.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	79836	20.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.560%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3746	3.768	ug/L	70
15) Methyl Acetate	4.569	43	1512	0.707	ug/L #	86
16) Methylene chloride	4.799	84	37321	4.236	ug/L	86
34) Trichloroethene	8.775	95	13652	2.203	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	11940	1.950	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	15653	7.099	ug/L #	63
71) Naphthalene	15.334	128	8059	1.055	ug/L	99

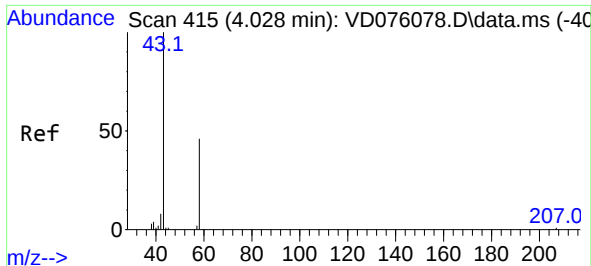
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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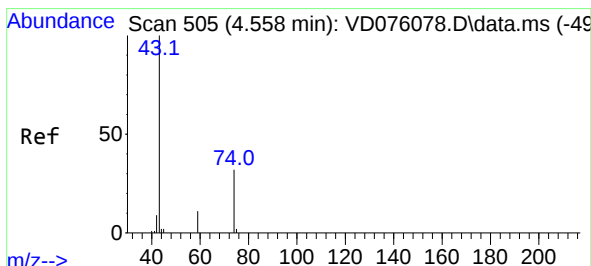
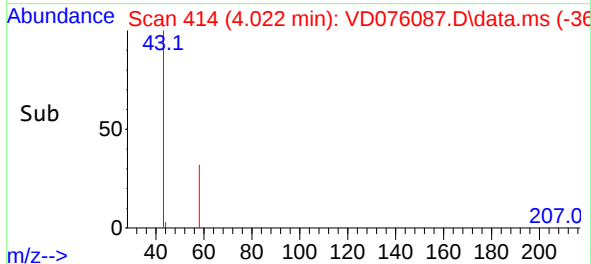
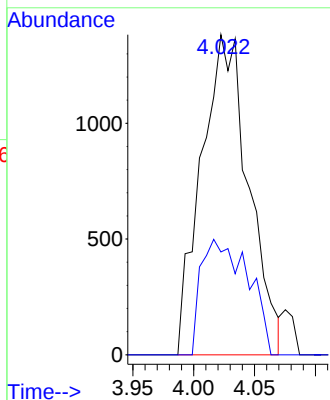
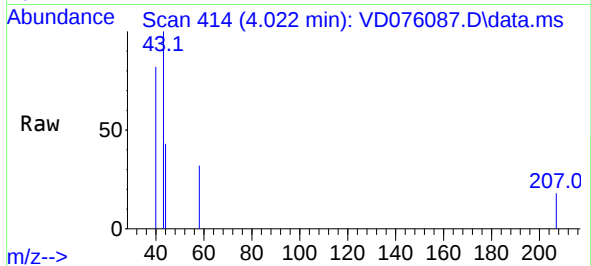




#13
Acetone
Concen: 3.768 ug/L
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

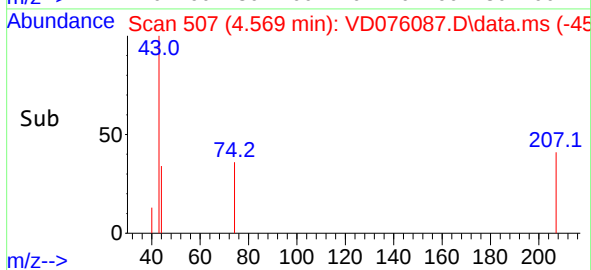
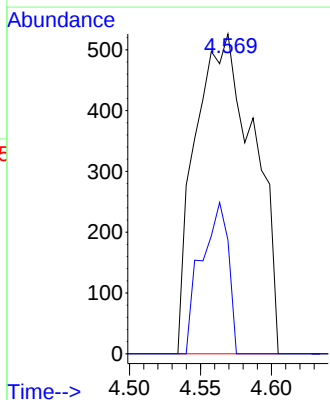
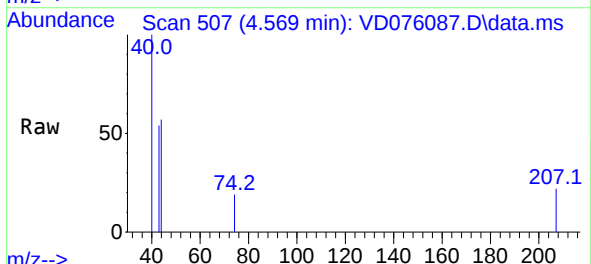
Instrument :
MSVOA_D
ClientSampleId :
JREJ6

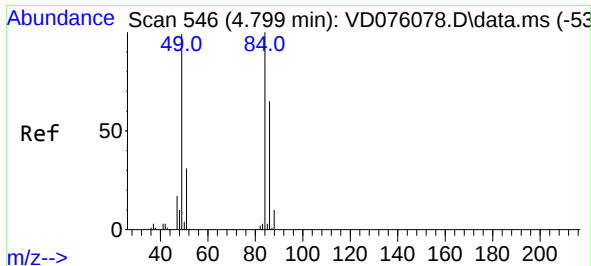
Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 24.1 0.0 87.4



#15
Methyl Acetate
Concen: 0.707 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
74 21.9 12.8 19.2#

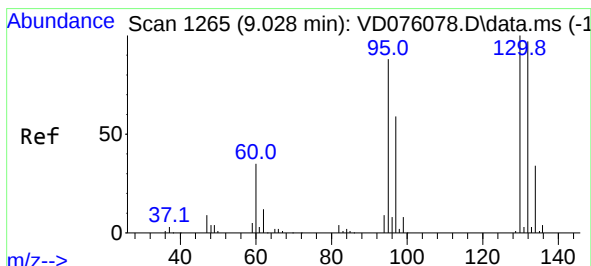
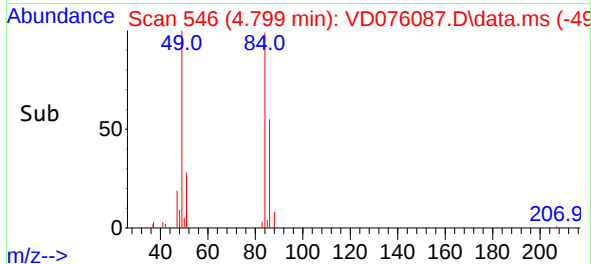
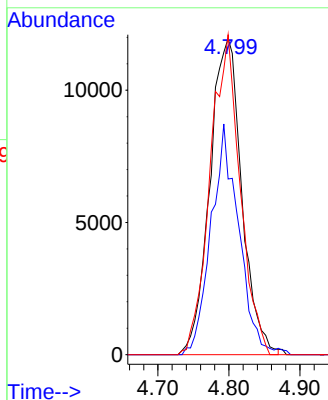
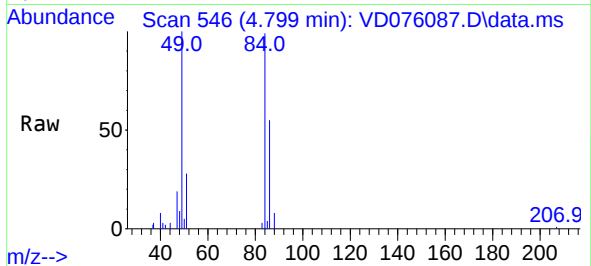




#16
Methylene chloride
Concen: 4.236 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

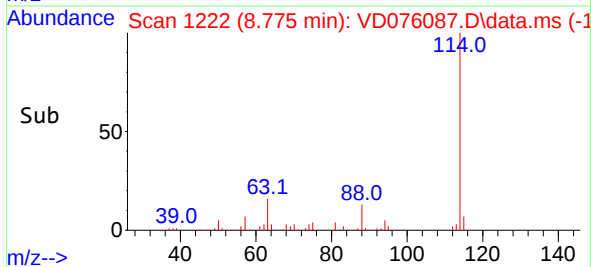
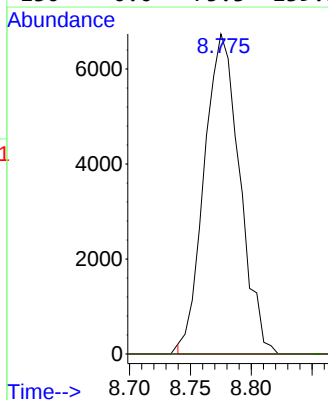
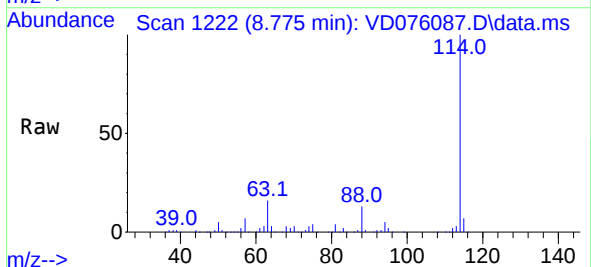
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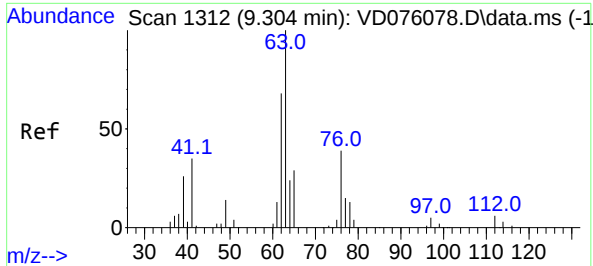
Tgt Ion: 84 Resp: 37321
Ion Ratio Lower Upper
84 100
86 55.5 45.8 85.2
49 101.1 60.8 112.8



#34
Trichloroethene
Concen: 2.203 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

Tgt Ion: 95 Resp: 13652
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#

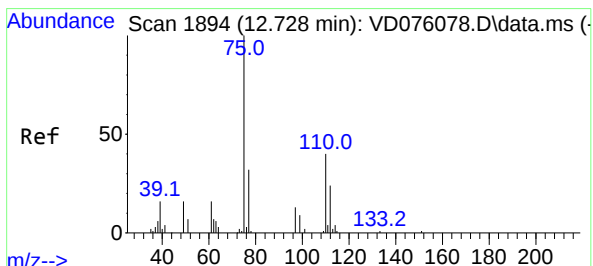
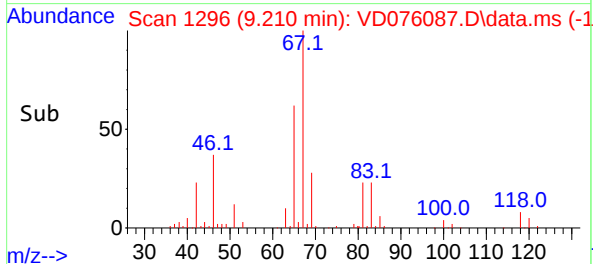
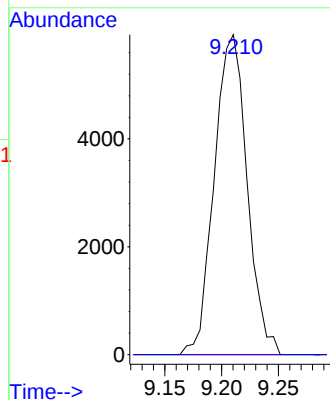
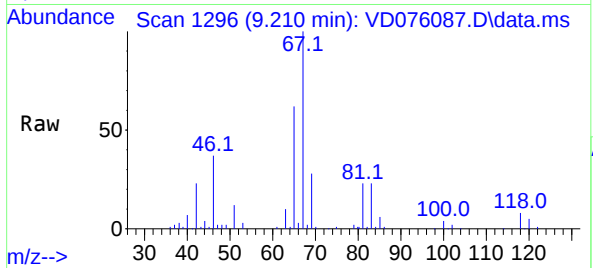




#37
1,2-Dichloropropane
Concen: 1.950 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

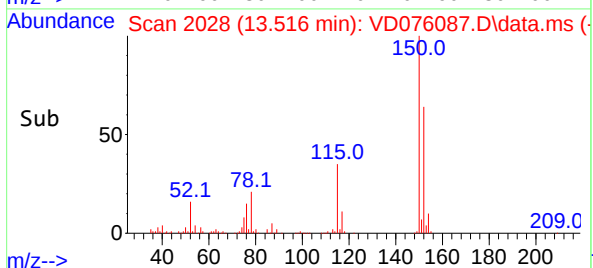
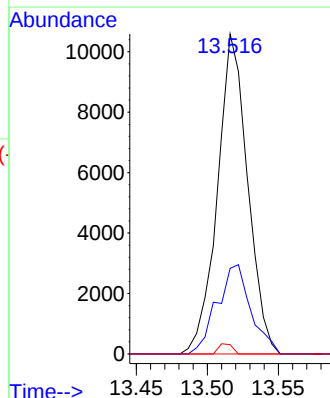
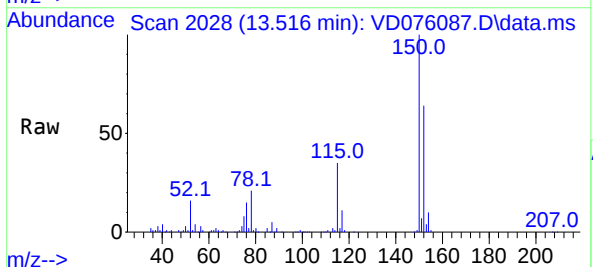
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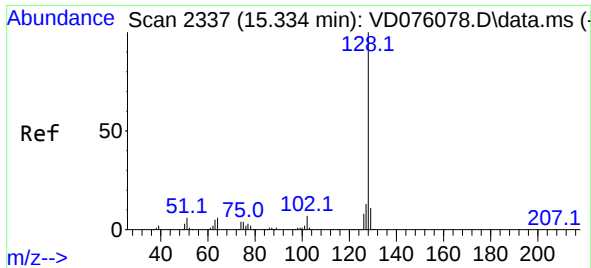
Tgt Ion: 63 Resp: 11940
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 7.099 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

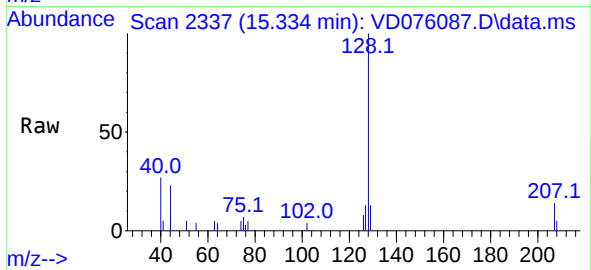
Tgt Ion: 75 Resp: 15653
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8
110 1.5 33.5 50.3#





#71
Naphthalene
Concen: 1.055 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076087.D
Acq: 11 May 2023 18:31

Instrument :
MSVOA_D
ClientSampleId :
JREJ6



Tgt Ion:128 Resp: 8059

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	11.5	9.1	13.7

