

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075769.D
 Acq On : 21 Apr 2023 10:56
 Operator : KP/SY
 Sample : VD0421SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK114

Quant Time: Apr 22 03:54:11 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)

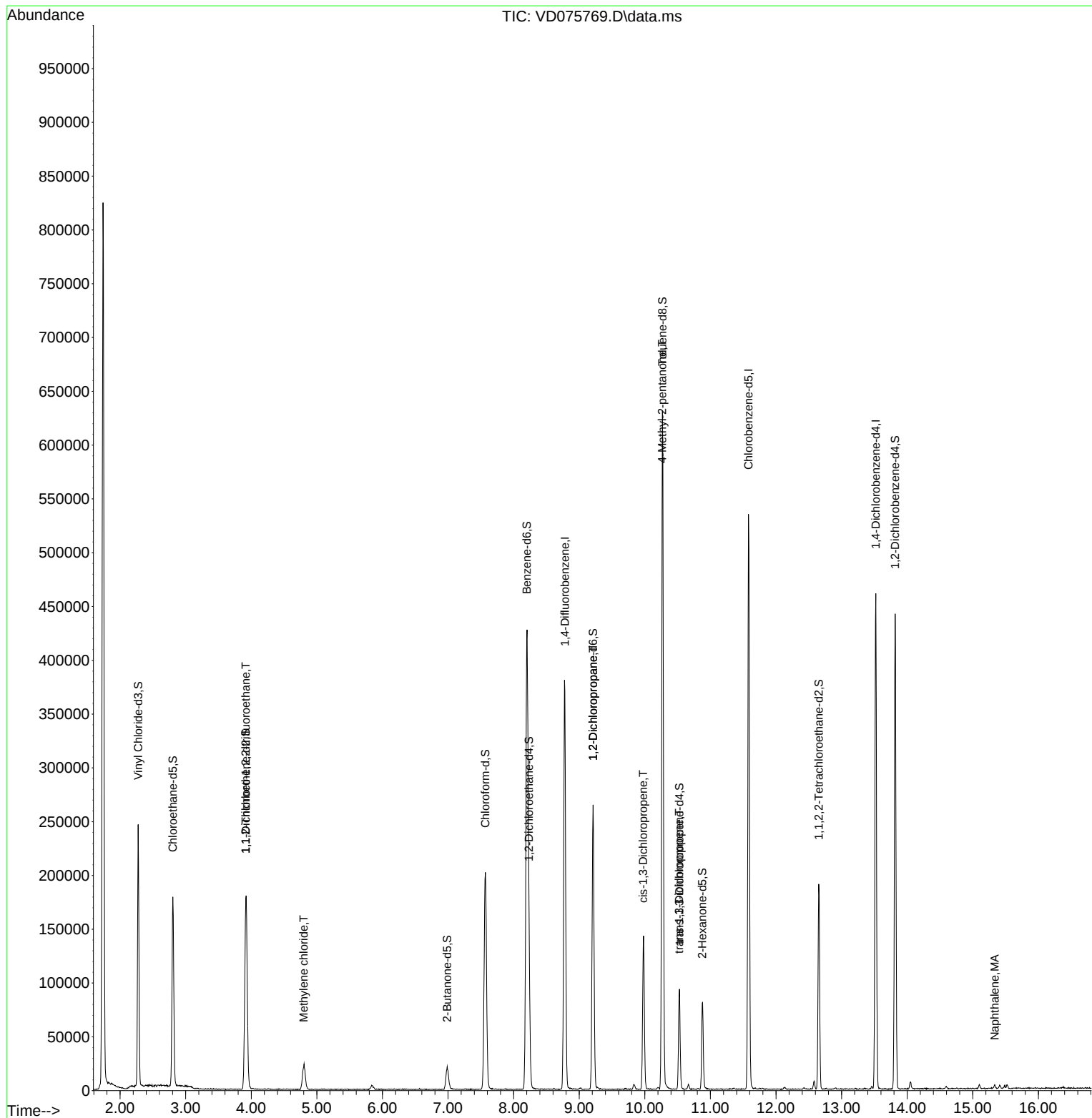
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	372570	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	343993	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136934	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	225187	27.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.200%	
7) Chloroethane-d5	2.805	69	191558	27.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.520%	
11) 1,1-Dichloroethene-d2	3.917	65	50110	26.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.360%	
21) 2-Butanone-d5	6.987	46	34929	49.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.460%	
24) Chloroform-d	7.569	84	228904	24.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.280%	
26) 1,2-Dichloroethane-d4	8.234	65	102123	25.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.680%	
32) Benzene-d6	8.199	84	504565	25.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.680%	
36) 1,2-Dichloropropane-d6	9.210	67	138845	25.019	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.080%	
41) Toluene-d8	10.269	98	466922	24.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.520%	
43) trans-1,3-Dichloroprop...	10.528	79	55439	24.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.680%	
47) 2-Hexanone-d5	10.875	63	31350	46.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.840%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101785	23.969	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.880%	
66) 1,2-Dichlorobenzene-d4	13.816	152	128173	26.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.840%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1949	0.386	ug/L #	21
16) Methylene chloride	4.799	84	20402	2.699	ug/L	90
37) 1,2-Dichloropropane	9.210	63	14063	2.942	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3340	0.439	ug/L #	59
40) 4-Methyl-2-pentanone	10.263	43	1307	0.750	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	2439	0.399	ug/L #	76
71) Naphthalene	15.334	128	3747	0.424	ug/L #	92

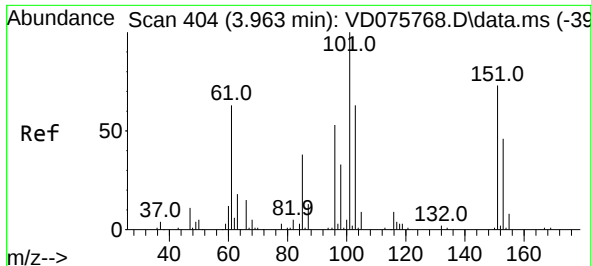
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 22 03:53:08 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.386 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.047 min

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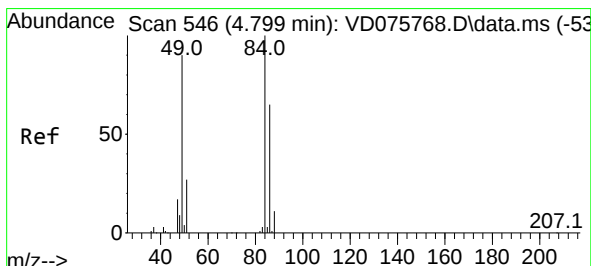
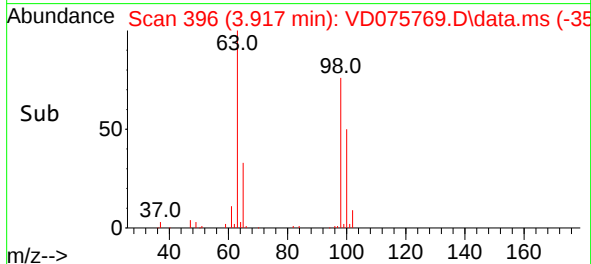
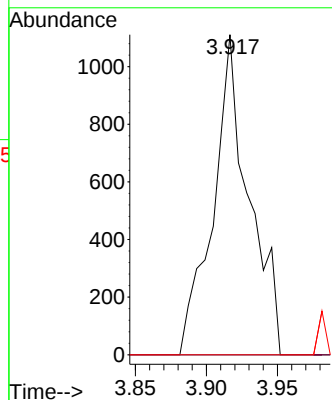
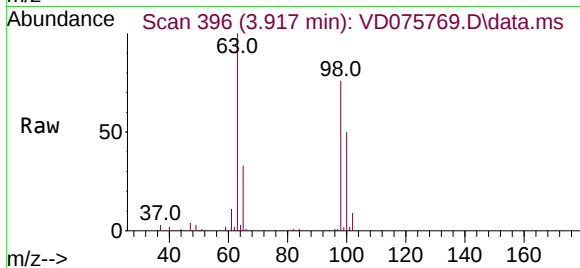
Tgt Ion:101 Resp: 1949

Ion Ratio Lower Upper

101 100

85 0.0 32.9 49.3#

151 0.0 57.2 85.8#



#16

Methylene chloride

Concen: 2.699 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

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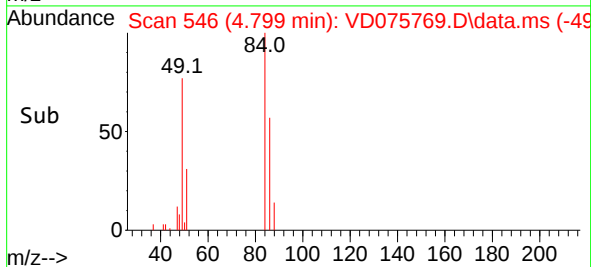
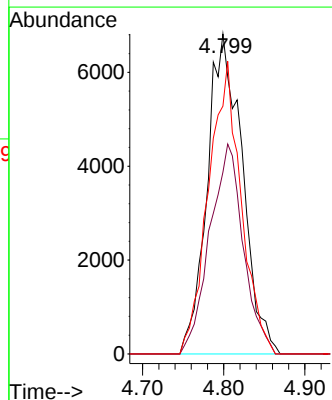
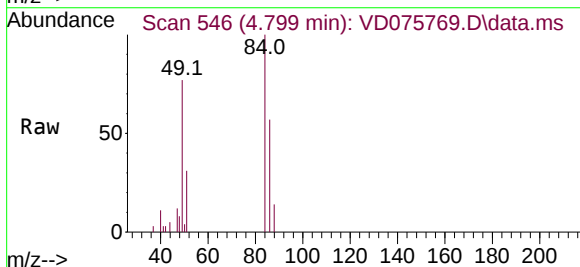
Tgt Ion: 84 Resp: 20402

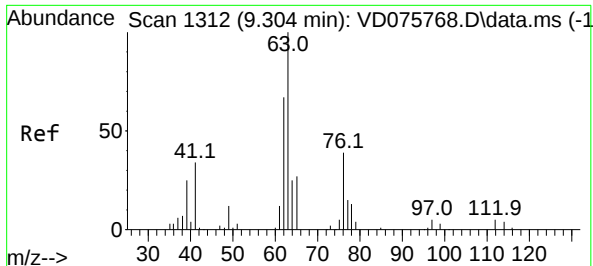
Ion Ratio Lower Upper

84 100

86 56.8 45.8 85.2

49 77.5 60.8 112.8

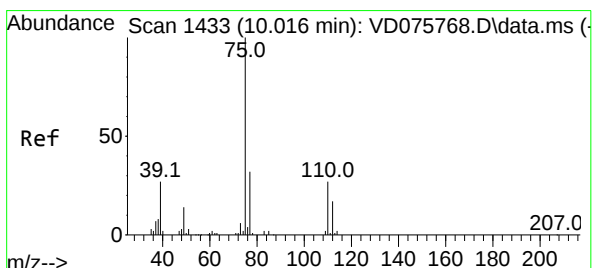
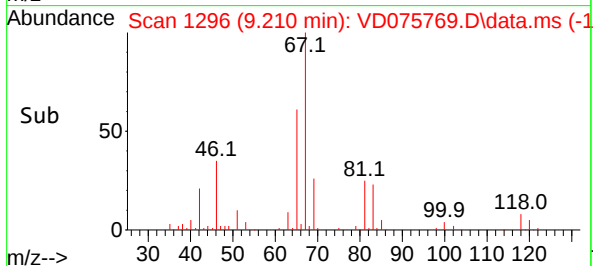
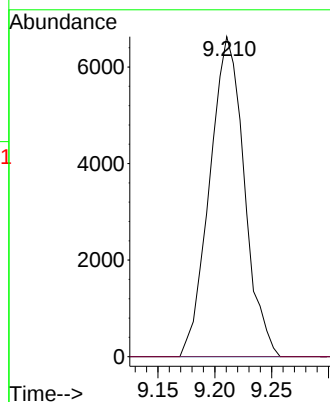
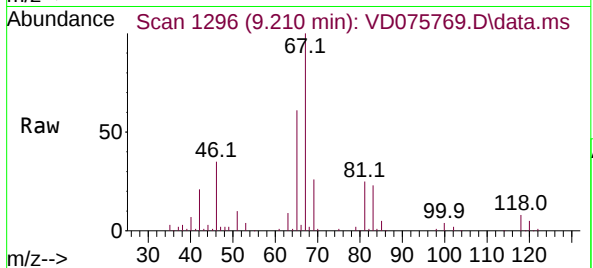




#37
1,2-Dichloropropane
Concen: 2.942 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075769.D
Acq: 21 Apr 2023 10:56

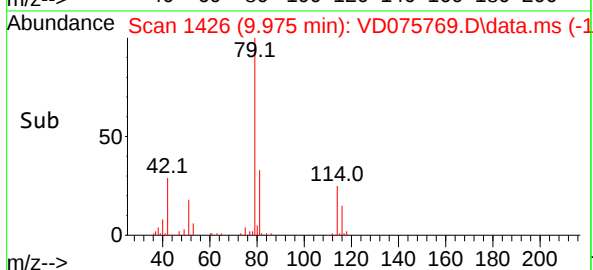
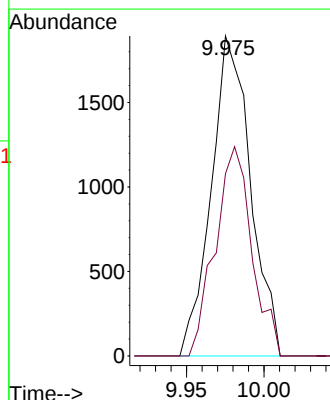
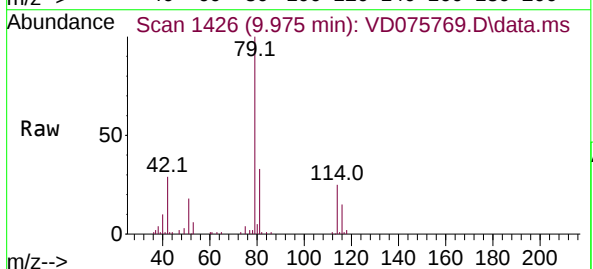
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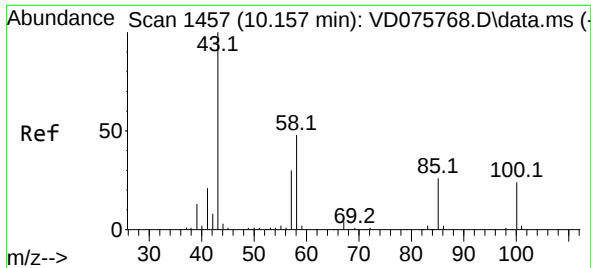
Tgt Ion: 63 Resp: 14063
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.439 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075769.D
Acq: 21 Apr 2023 10:56

Tgt Ion: 75 Resp: 3340
Ion Ratio Lower Upper
75 100
77 57.0 23.4 43.6#

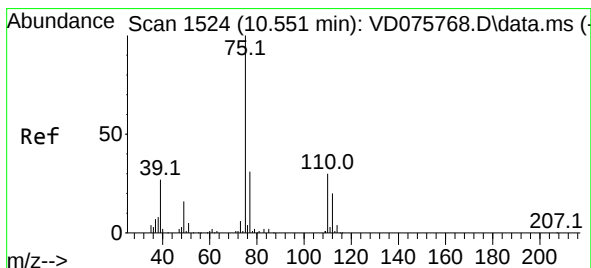
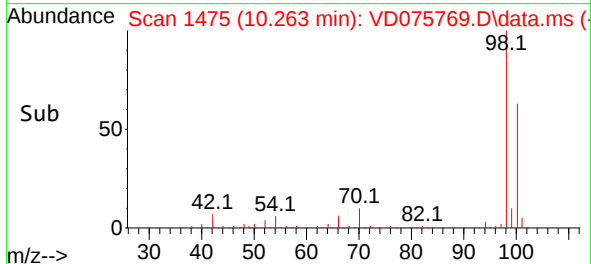
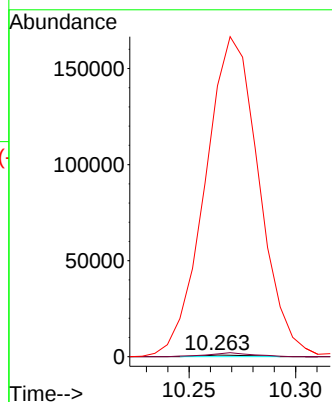
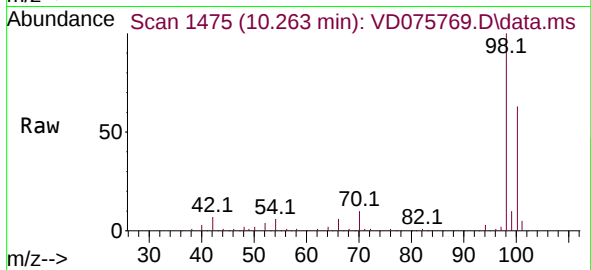




#40
4-Methyl-2-pentanone
Concen: 0.750 ug/L
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD075769.D
Acq: 21 Apr 2023 10:56

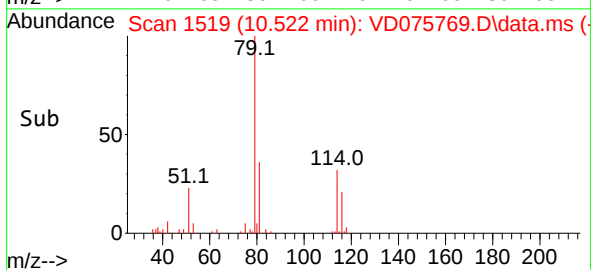
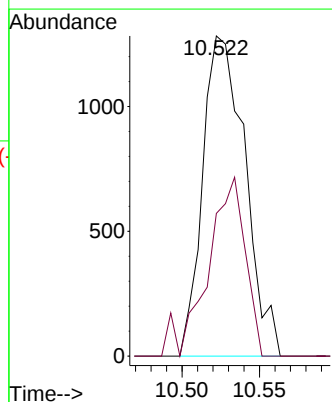
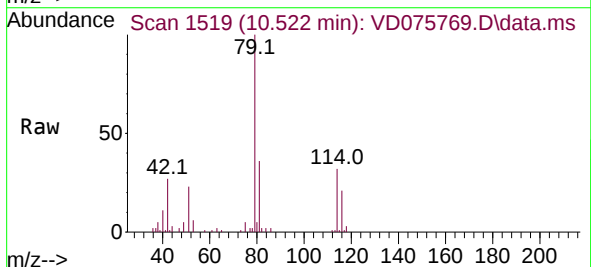
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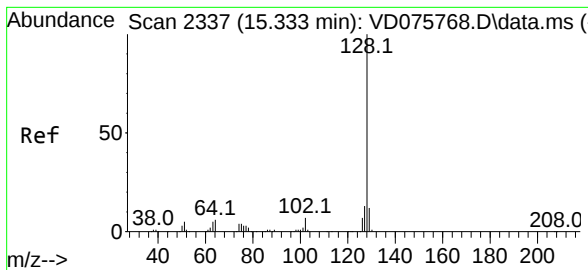
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 226.2 39.1 58.7#
100 22552.8 19.4 29.0#



#44
trans-1,3-Dichloropropene
Concen: 0.399 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD075769.D
Acq: 21 Apr 2023 10:56

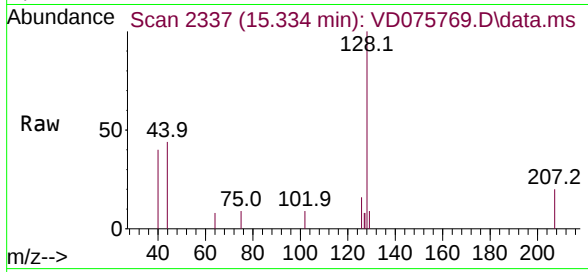
Tgt Ion: 75 Resp: 2439
Ion Ratio Lower Upper
75 100
77 44.6 22.0 41.0#





#71
Naphthalene
Concen: 0.424 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075769.D
Acq: 21 Apr 2023 10:56

Instrument :
MSVOA_D
ClientSampleId :
VBLK114



Tgt Ion:	128	Resp:	3747
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	5.5	9.1	13.7#

