

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075775.D
 Acq On : 21 Apr 2023 14:59
 Operator : KP/SY
 Sample : 02447-07
 Misc : 4.64G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW912

Quant Time: Apr 22 03:55:26 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)

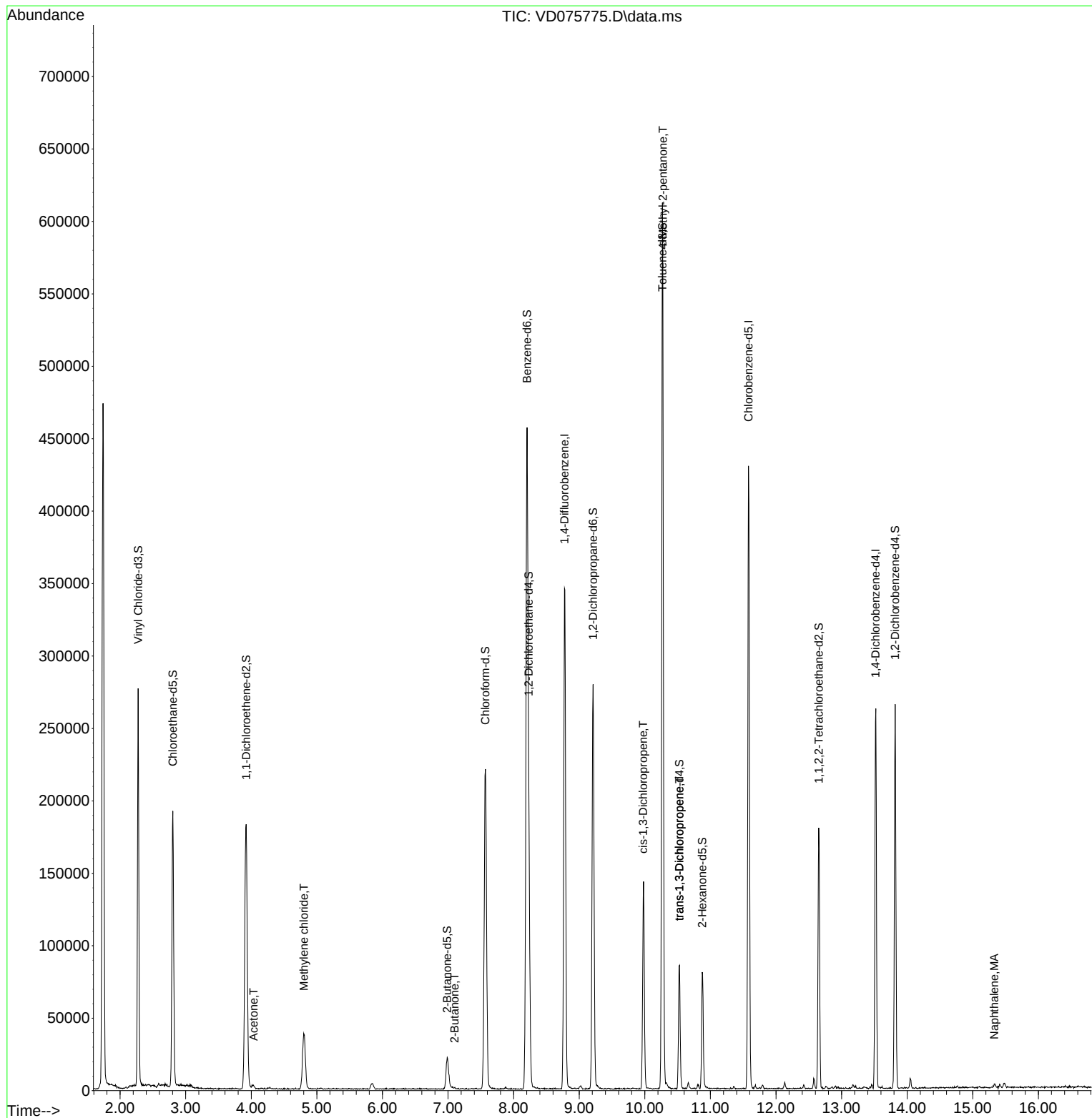
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	339710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	280215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77614	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	250353	33.594	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 134.360%		
7) Chloroethane-d5	2.805	69	208036	32.309	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 129.240%		
11) 1,1-Dichloroethene-d2	3.922	65	50742	29.533	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 118.120%#		
21) 2-Butanone-d5	6.987	46	35485	54.849	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 109.700%		
24) Chloroform-d	7.569	84	246784	29.050	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 116.200%		
26) 1,2-Dichloroethane-d4	8.228	65	110539	30.471	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 121.880%		
32) Benzene-d6	8.205	84	523626	32.061	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 128.240%		
36) 1,2-Dichloropropane-d6	9.210	67	149037	32.969	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 131.880%#		
41) Toluene-d8	10.269	98	449325	29.387	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 117.560%		
43) trans-1,3-Dichloroprop...	10.528	79	52173	27.922	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 111.680%		
47) 2-Hexanone-d5	10.875	63	29490	54.179	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 108.360%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97677	28.237	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 112.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	74242	27.043	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 108.160%		
Target Compounds						
						Qvalue
13) Acetone	4.034	43	1744	3.150	ug/L	36
16) Methylene chloride	4.805	84	34567	5.016	ug/L	98
22) 2-Butanone	7.099	43	572	0.792	ug/L #	34
39) cis-1,3-Dichloropropene	9.975	75	3481	0.562	ug/L	87
40) 4-Methyl-2-pentanone	10.275	43	1175	0.828	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2540	0.511	ug/L	97
71) Naphthalene	15.328	128	3121	0.624	ug/L #	89

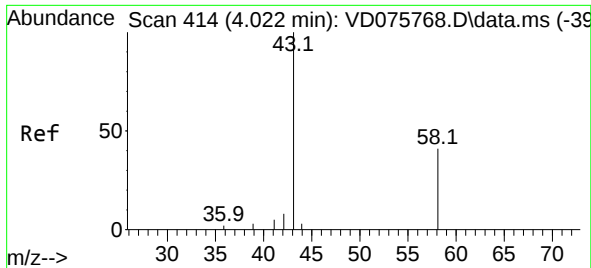
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.150 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075775.D

Acq: 21 Apr 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

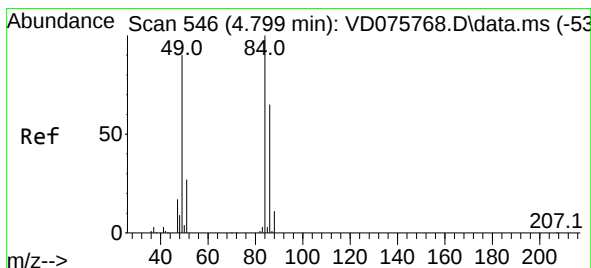
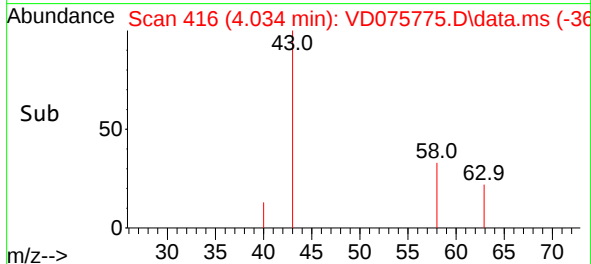
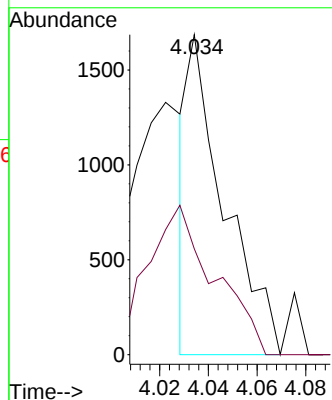
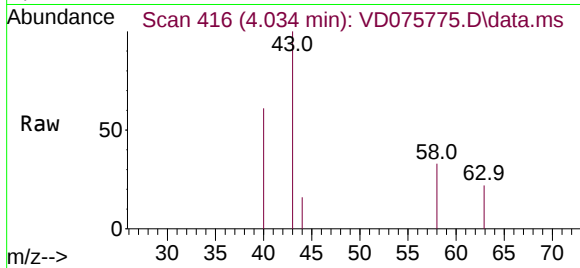
EW912

Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

58 84.6 0.0 87.4



#16

Methylene chloride

Concen: 5.016 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075775.D

Acq: 21 Apr 2023 14:59

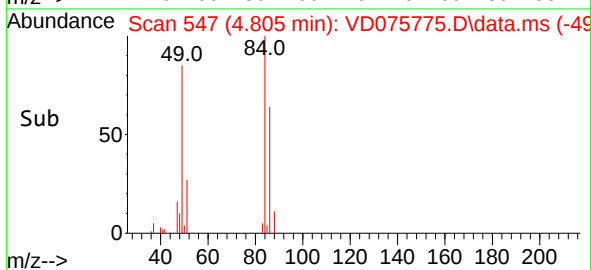
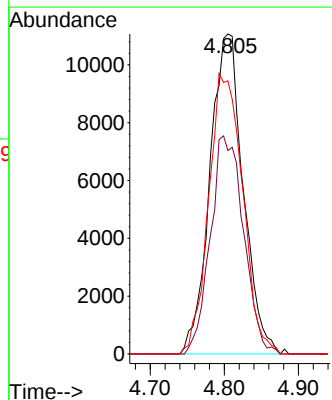
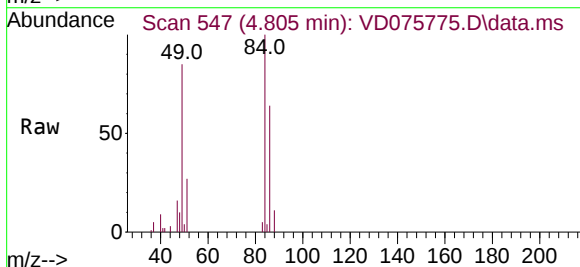
Tgt Ion: 84 Resp: 34567

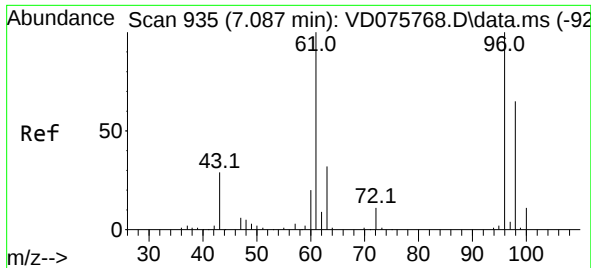
Ion Ratio Lower Upper

84 100

86 63.6 45.8 85.2

49 85.4 60.8 112.8

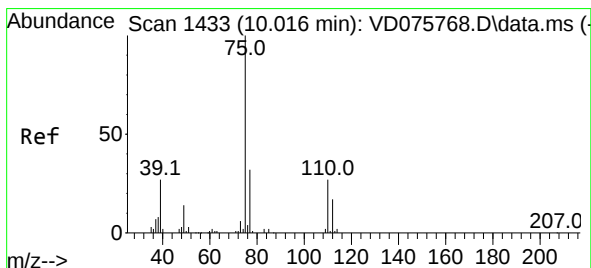
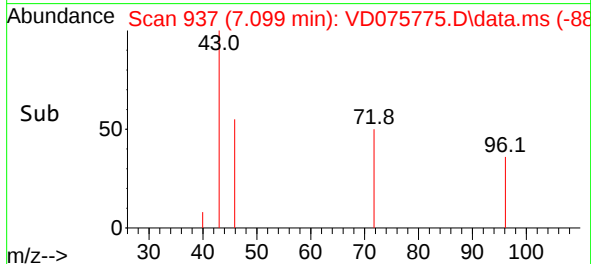
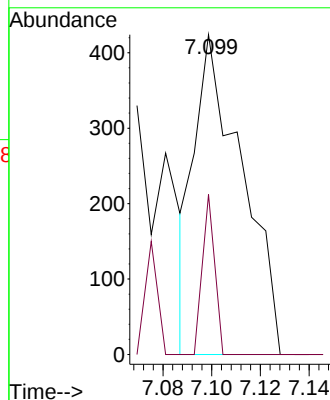
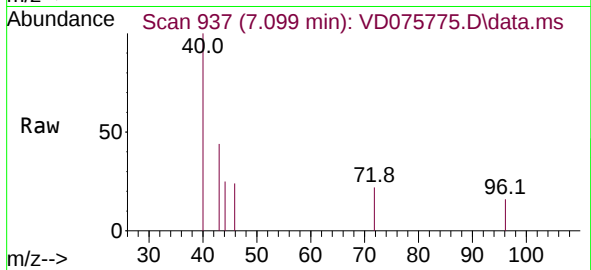




#22
2-Butanone
Concen: 0.792 ug/L
RT: 7.099 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075775.D
Acq: 21 Apr 2023 14:59

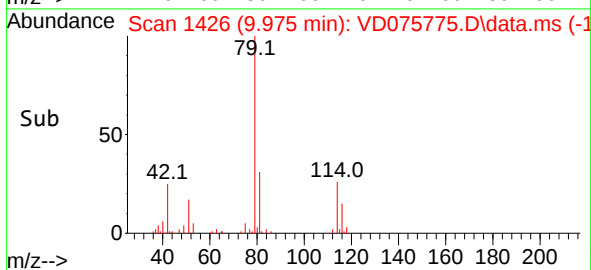
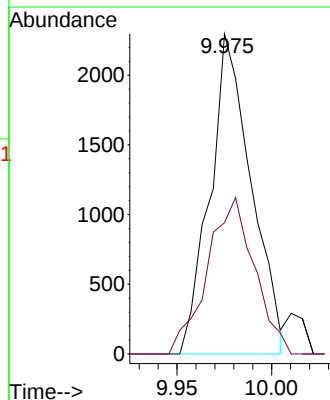
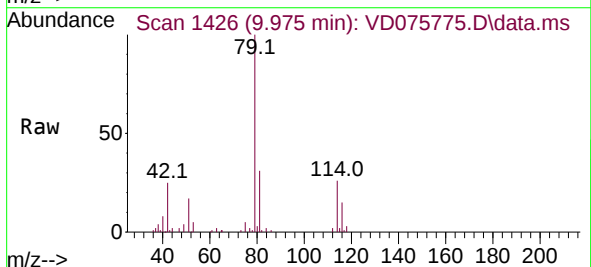
Instrument :
MSVOA_D
ClientSampleId :
EW912

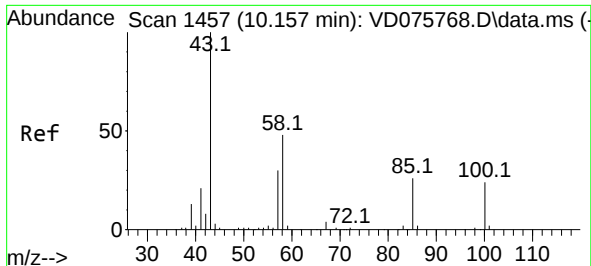
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#39
cis-1,3-Dichloropropene
Concen: 0.562 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075775.D
Acq: 21 Apr 2023 14:59

Tgt Ion: 75 Resp: 3481
Ion Ratio Lower Upper
75 100
77 41.0 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 0.828 ug/L

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD075775.D

Acq: 21 Apr 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

EW912

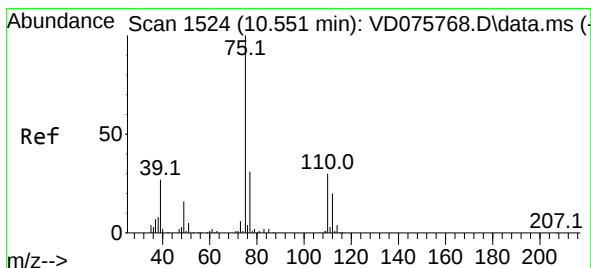
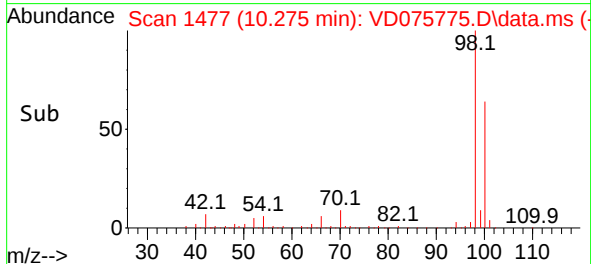
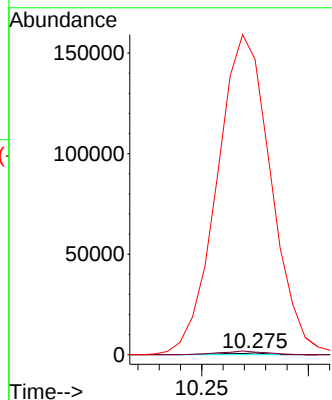
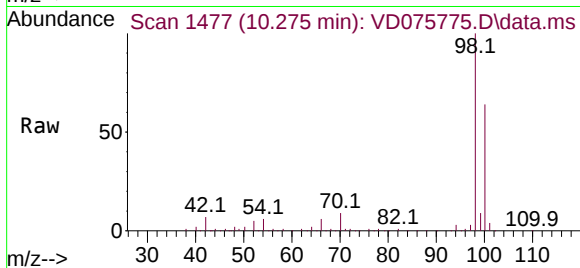
Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

58 223.0 39.1 58.7#

100 24008.3 19.4 29.0#



#44

trans-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD075775.D

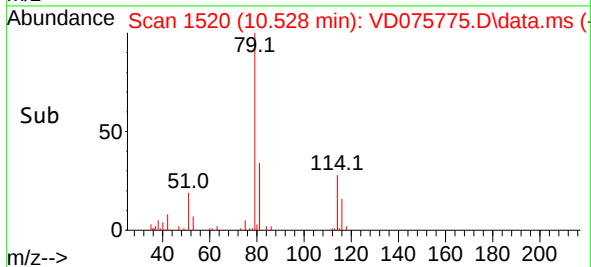
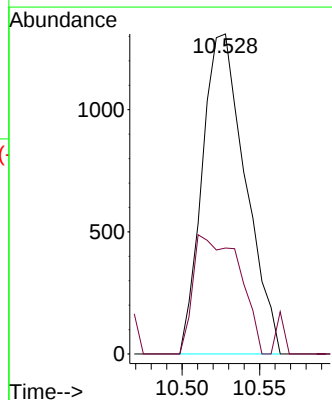
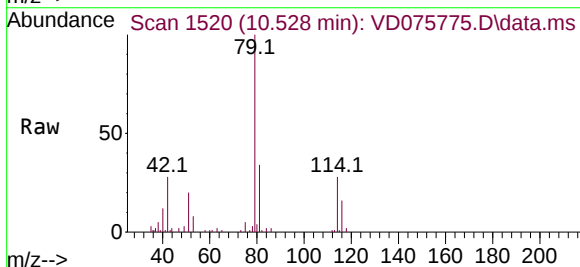
Acq: 21 Apr 2023 14:59

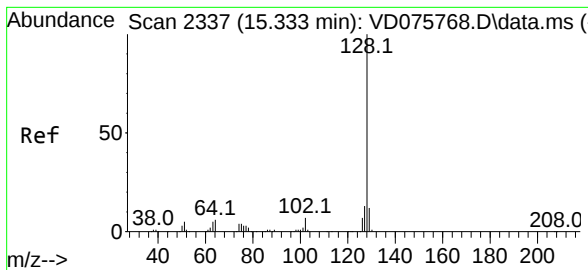
Tgt Ion: 75 Resp: 2540

Ion Ratio Lower Upper

75 100

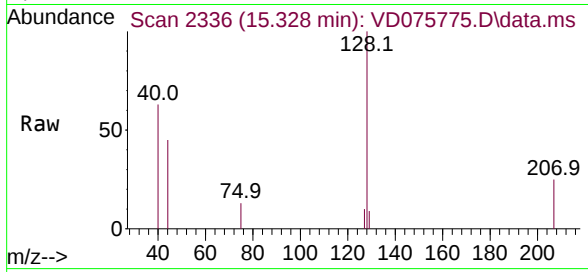
77 33.1 22.0 41.0





#71
Naphthalene
Concen: 0.624 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075775.D
Acq: 21 Apr 2023 14:59

Instrument :
MSVOA_D
ClientSampleId :
EW912



Tgt Ion:	128	Resp:	3121
Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.5	15.7#
129	12.0	9.1	13.7

