

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076103.D
 Acq On : 12 May 2023 12:37
 Operator : KP/SY
 Sample : 02591-37RE
 Misc : 5.15G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

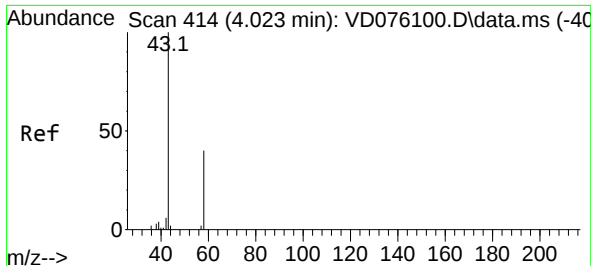
Instrument :
 MSVOA_D
 ClientSampleId :
 JREA8RE

Quant Time: May 14 23:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	406041	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	113376	18.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.000%
7) Chloroethane-d5	2.799	69	103904	18.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
11) 1,1-Dichloroethene-d2	3.905	65	26028	16.645	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.600%
21) 2-Butanone-d5	6.987	46	29250	34.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.940%
24) Chloroform-d	7.569	84	148983	17.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.040%
26) 1,2-Dichloroethane-d4	8.228	65	68335	18.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	8.199	84	288547	21.843	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	9.210	67	93881	23.064	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.269	98	212316	18.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.120%
43) trans-1,3-Dichloroprop...	10.528	79	30631	20.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.875	63	22926	38.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65174	18.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	26936	17.349	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.400%#
Target Compounds						Qvalue
13) Acetone	4.034	43	1472	1.976	ug/L	62
16) Methylene chloride	4.805	84	20551	3.113	ug/L	96
22) 2-Butanone	7.075	43	1008	0.968	ug/L #	34
34) Trichloroethene	8.775	95	10244	2.436	ug/L #	2
35) Methylcyclohexane	9.210	83	22182	3.482	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	9212	2.217	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2067	0.345	ug/L	83
53) m,p-Xylene	11.781	106	2225	0.316	ug/L #	44
61) 1,2,3-Trichloropropane	13.510	75	5982	6.843	ug/L #	61
71) Naphthalene	15.333	128	1475	0.487	ug/L #	69

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



#13

Acetone

Concen: 1.976 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

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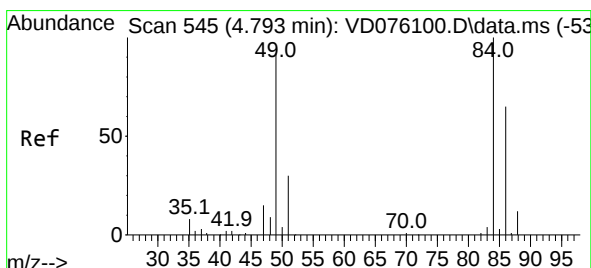
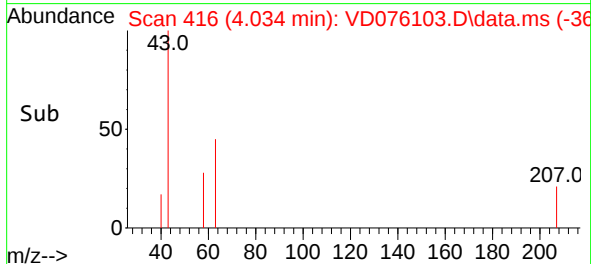
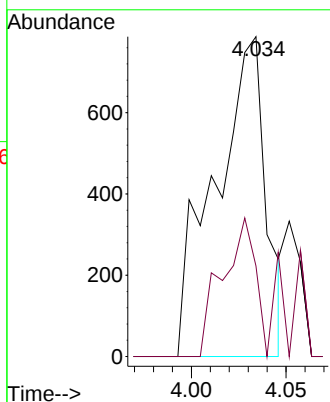
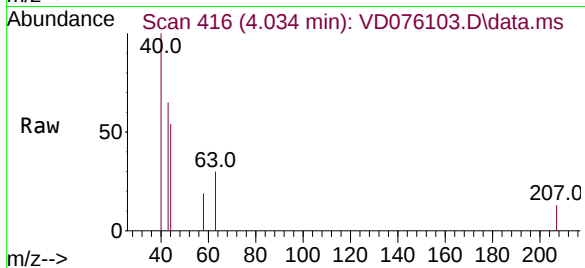
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Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 18.9 0.0 87.4



#16

Methylene chloride

Concen: 3.113 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.012 min

Lab File: VD076103.D

Acq: 12 May 2023 12:37

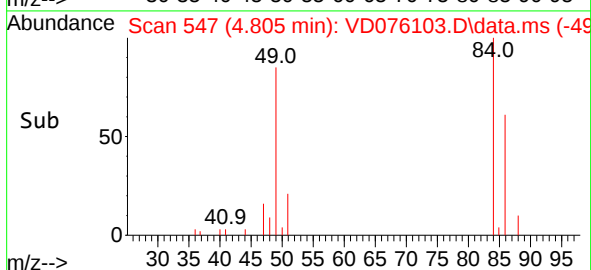
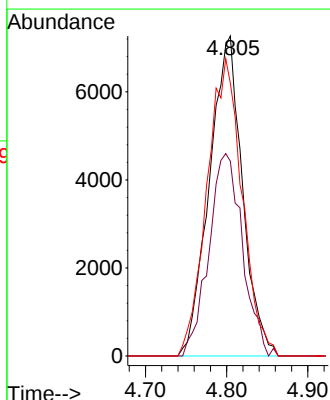
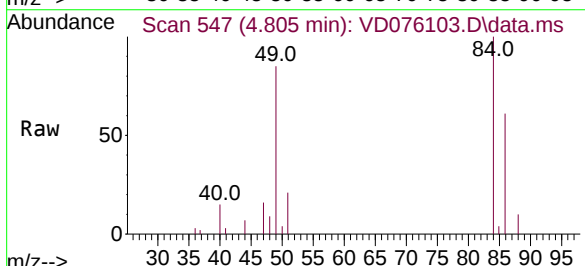
Tgt Ion: 84 Resp: 20551

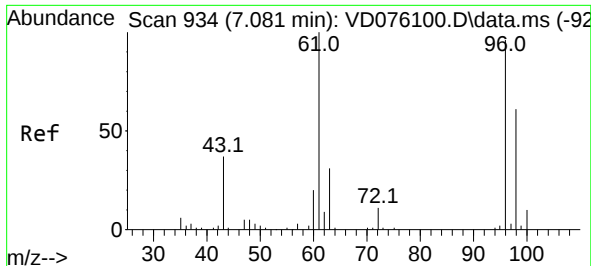
Ion Ratio Lower Upper

84 100

86 60.9 45.8 85.2

49 85.2 60.8 112.8

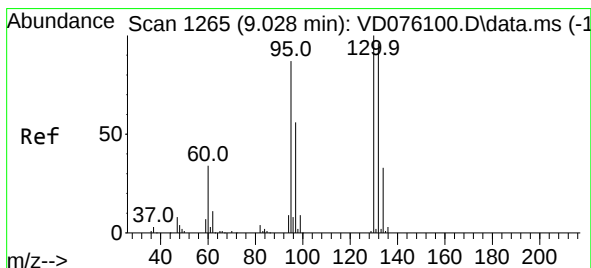
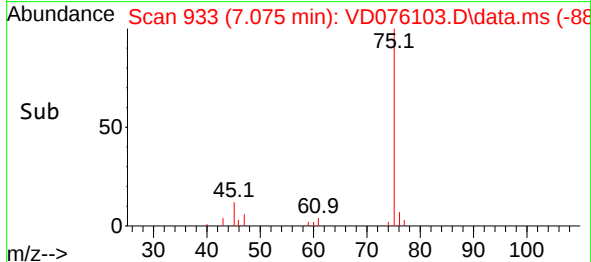
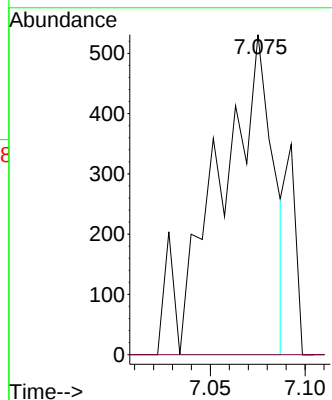
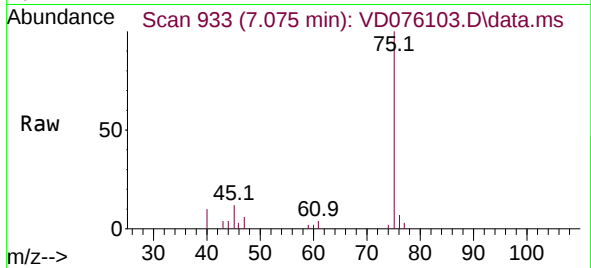




#22
2-Butanone
Concen: 0.968 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
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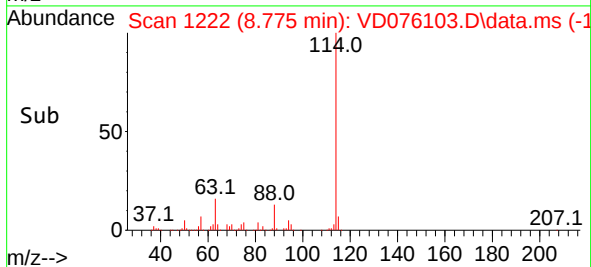
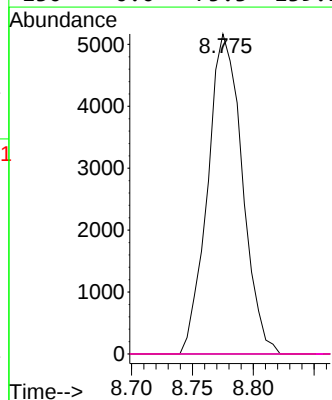
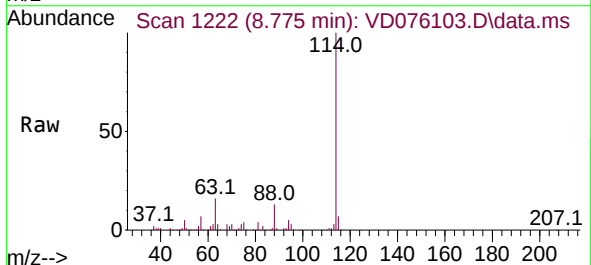
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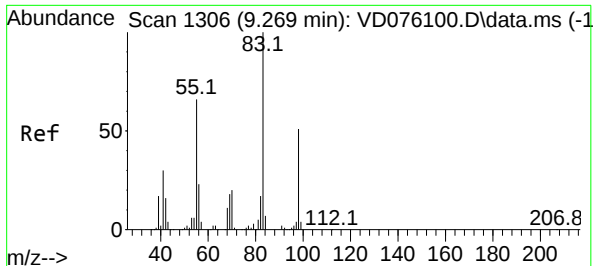
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#34
Trichloroethene
Concen: 2.436 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076103.D
Acq: 12 May 2023 12:37

Tgt Ion: 95 Resp: 10244
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: 3.482 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD076103.D

Acq: 12 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

JREA8RE

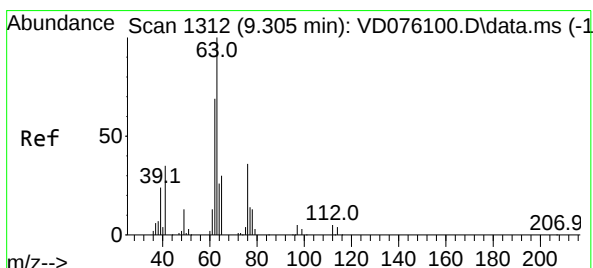
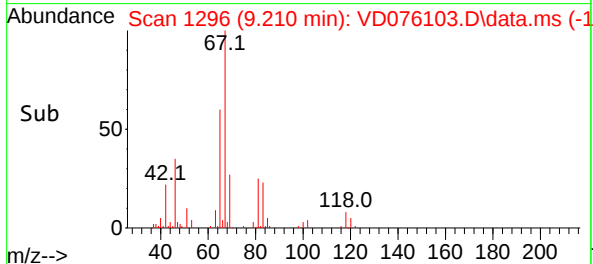
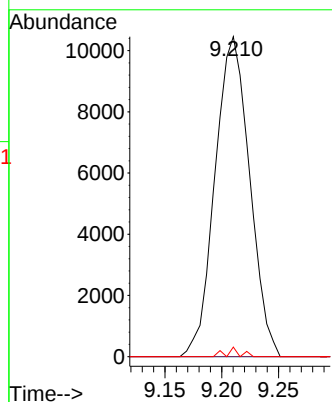
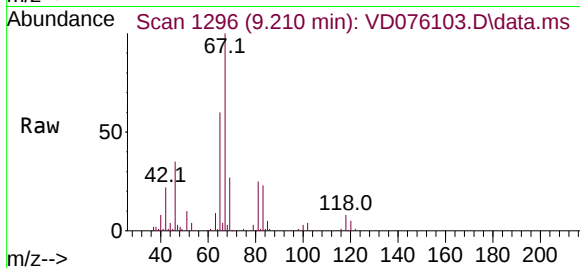
Tgt Ion: 83 Resp: 22182

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.5 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.217 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD076103.D

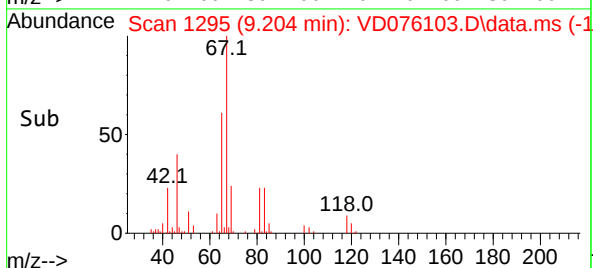
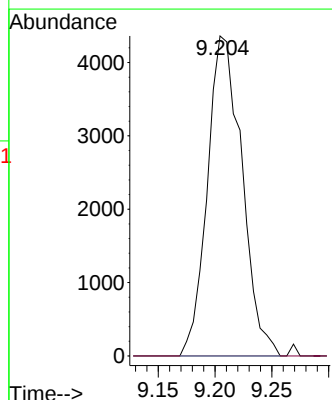
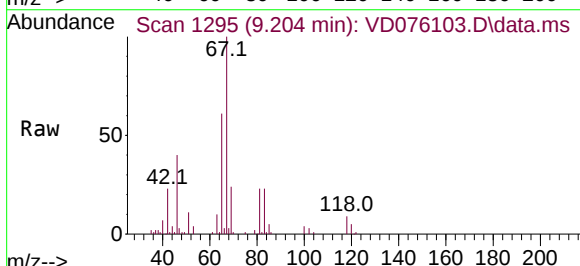
Acq: 12 May 2023 12:37

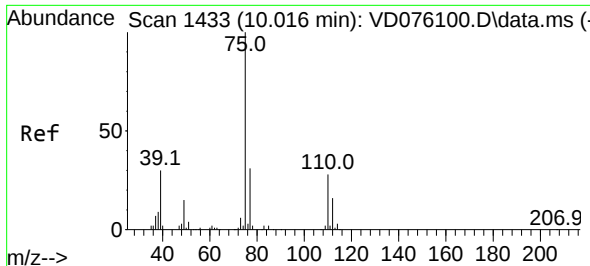
Tgt Ion: 63 Resp: 9212

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.345 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076103.D

Acq: 12 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

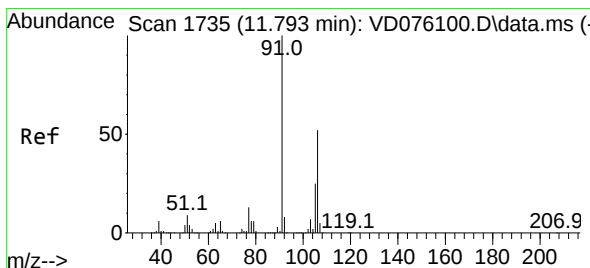
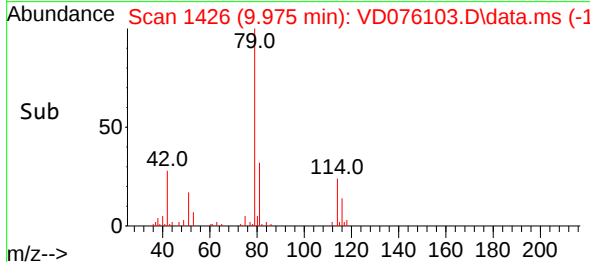
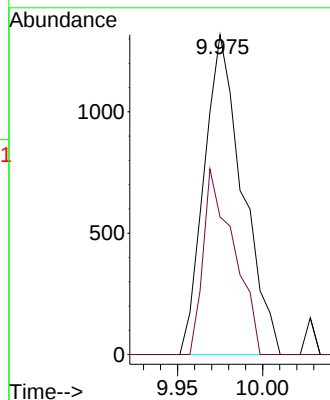
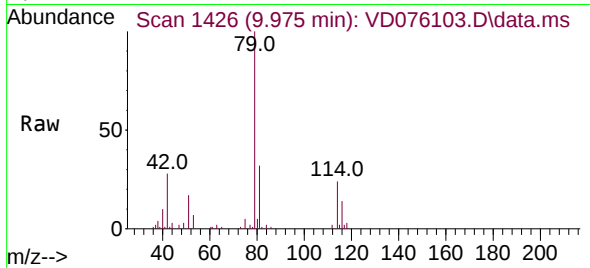
JREA8RE

Tgt Ion: 75 Resp: 2067

Ion Ratio Lower Upper

75 100

77 43.0 23.4 43.6



#53

m,p-Xylene

Concen: 0.316 ug/L

RT: 11.781 min Scan# 1733

Delta R.T. -0.012 min

Lab File: VD076103.D

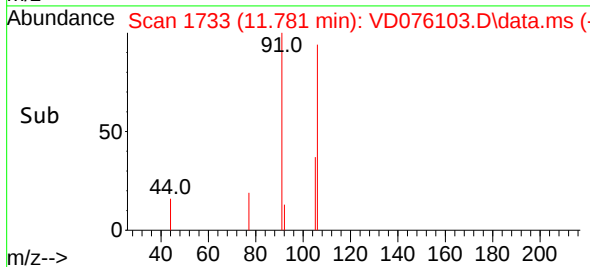
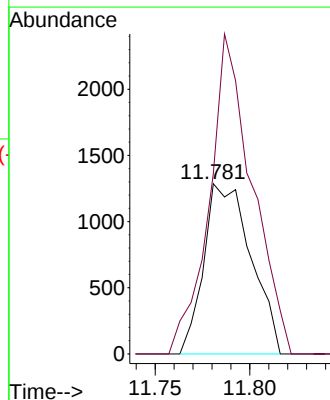
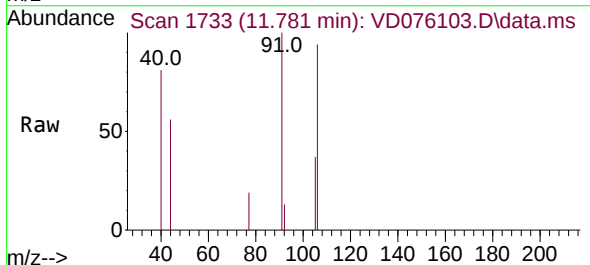
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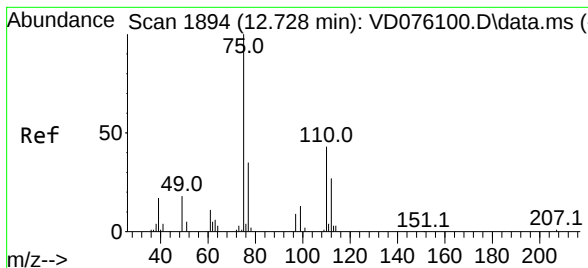
Tgt Ion: 106 Resp: 2225

Ion Ratio Lower Upper

106 100

91 105.9 130.9 243.1#





#61

1,2,3-Trichloropropane

Concen: 6.843 ug/L

RT: 13.510 min Scan# 20

Delta R.T. 0.782 min

Lab File: VD076103.D

Acq: 12 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

JREA8RE

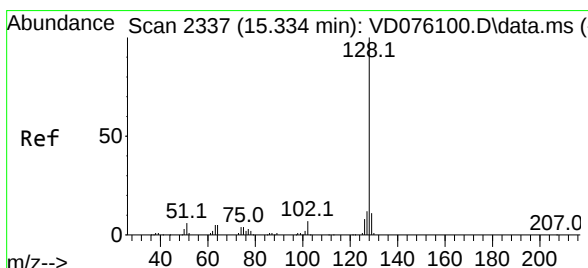
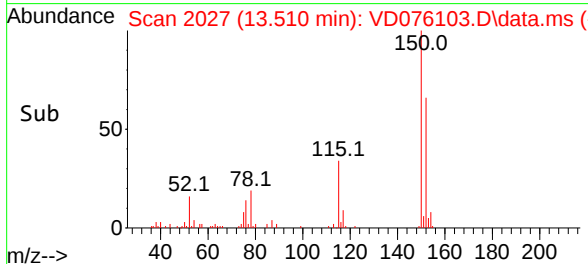
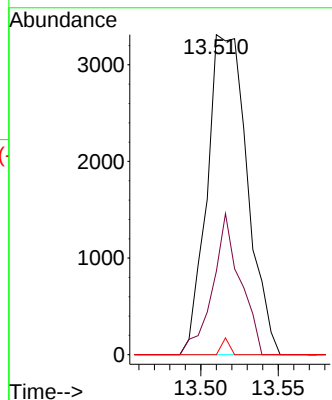
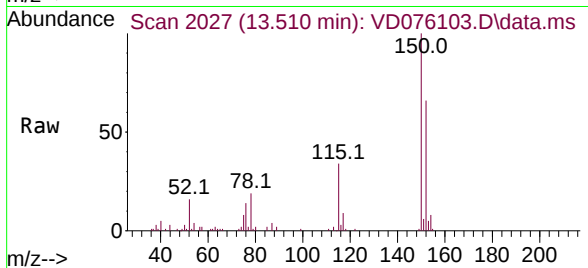
Tgt Ion: 75 Resp: 5982

Ion Ratio Lower Upper

75 100

77 30.3 26.6 39.8

110 0.0 33.5 50.3#



#71

Naphthalene

Concen: 0.487 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076103.D

Acq: 12 May 2023 12:37

Tgt Ion: 128 Resp: 1475

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 9.1 13.7#

