

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079129.D
 Acq On : 03 Jun 2024 17:41
 Operator : RP/MD
 Sample : P2642-29
 Misc : 5.34G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4BH3

Quant Time: Jun 04 05:07:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

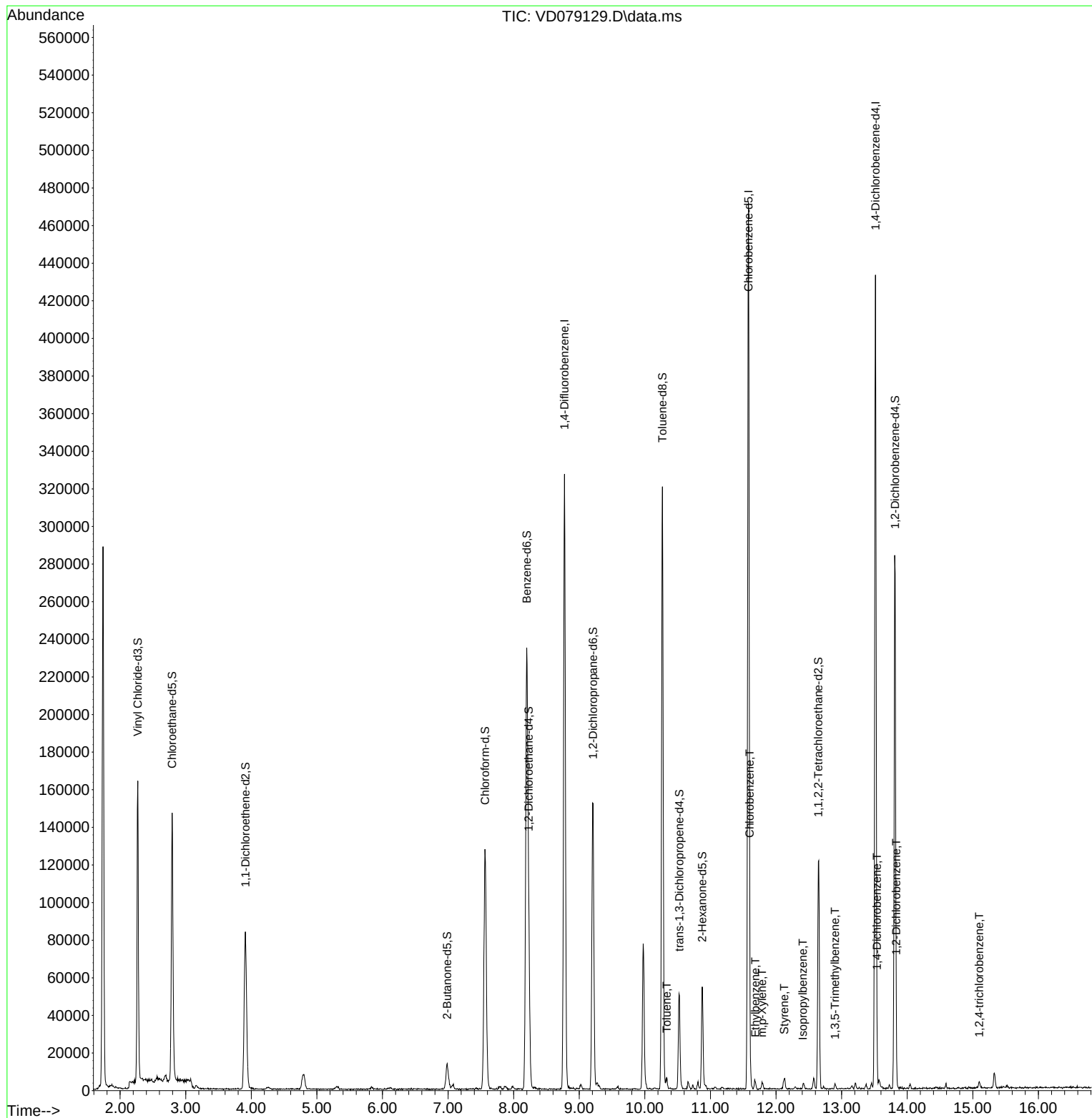
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	302712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	287471	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	143585	15.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.640%
7) Chloroethane-d5	2.793	69	146268	16.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.960%
11) 1,1-Dichloroethene-d2	3.910	65	23249	14.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.240%
21) 2-Butanone-d5	6.987	46	22219	31.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.360%
24) Chloroform-d	7.563	84	136693	16.150	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.600%
26) 1,2-Dichloroethane-d4	8.228	65	61940	15.864	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.440%#
32) Benzene-d6	8.198	84	267178	16.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.080%
36) 1,2-Dichloropropane-d6	9.210	67	80923	17.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.520%
41) Toluene-d8	10.269	98	229196	15.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.440%
43) trans-1,3-Dichloroprop...	10.528	79	31412	16.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.120%
47) 2-Hexanone-d5	10.875	63	18705	31.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.040%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	64374	15.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	81061	19.271	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.080%
Target Compounds						
					Qvalue	
42) Toluene	10.334	91	4571	0.240	ug/L	84
51) Chlorobenzene	11.598	112	3622	0.286	ug/L	89
52) Ethylbenzene	11.686	91	3972	0.200	ug/L #	73
53) m,p-Xylene	11.786	106	1415	0.182	ug/L	73
55) Styrene	12.128	104	1955	0.147	ug/L	89
60) Isopropylbenzene	12.410	105	2788	0.173	ug/L	94
62) 1,3,5-Trimethylbenzene	12.898	105	2009	0.182	ug/L #	85
65) 1,4-Dichlorobenzene	13.539	146	2629	0.320	ug/L #	77
67) 1,2-Dichlorobenzene	13.833	146	3333	0.466	ug/L	88
70) 1,2,4-trichlorobenzene	15.098	180	1551	0.382	ug/L #	85

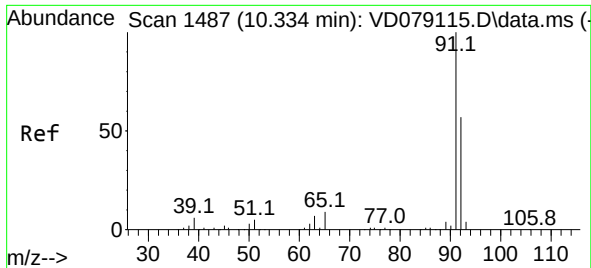
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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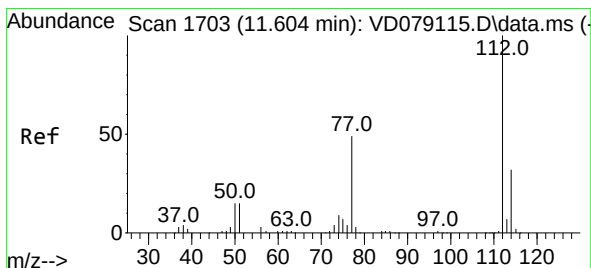
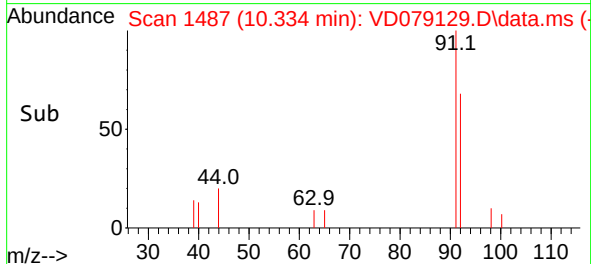
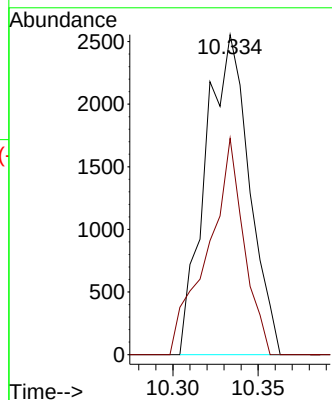
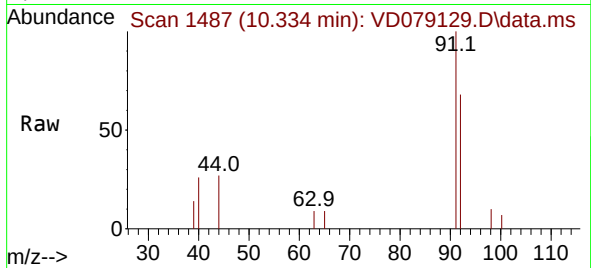




#42
Toluene
Concen: 0.240 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

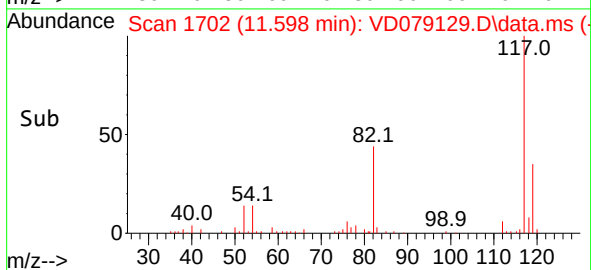
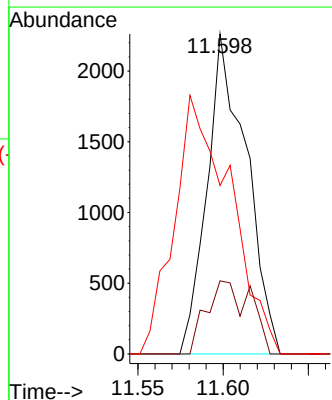
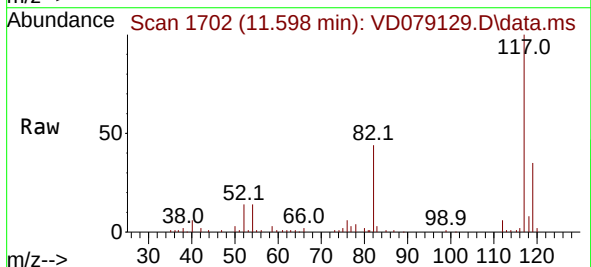
Instrument :
MSVOA_D
ClientSampleId :
A4BH3

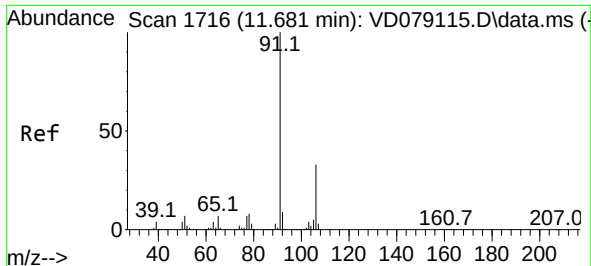
Tgt Ion: 91 Resp: 4571
Ion Ratio Lower Upper
91 100
92 67.6 38.9 72.3



#51
Chlorobenzene
Concen: 0.286 ug/L
RT: 11.598 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

Tgt Ion: 112 Resp: 3622
Ion Ratio Lower Upper
112 100
114 22.9 22.7 42.3
77 52.7 38.4 57.6

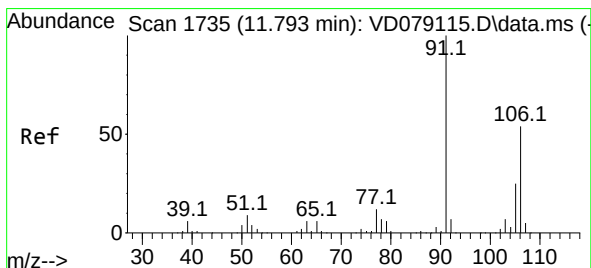
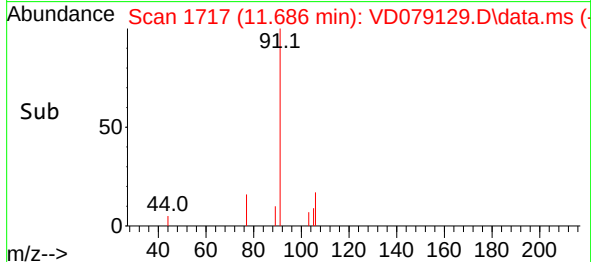
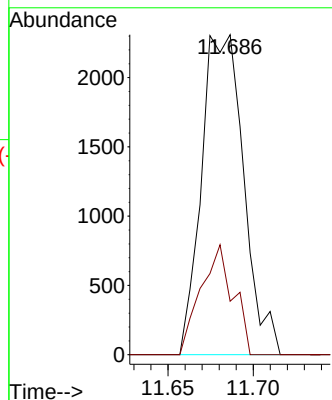
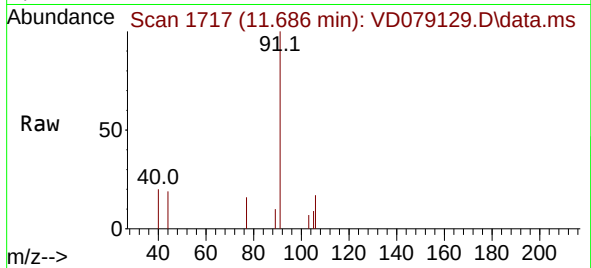




#52
Ethylbenzene
Concen: 0.200 ug/L
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

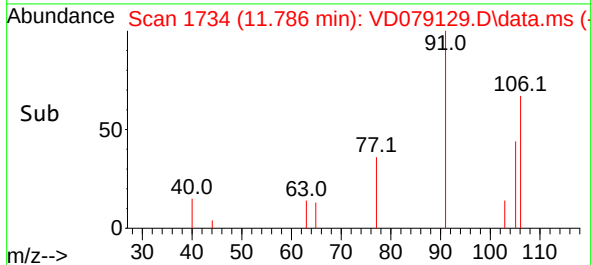
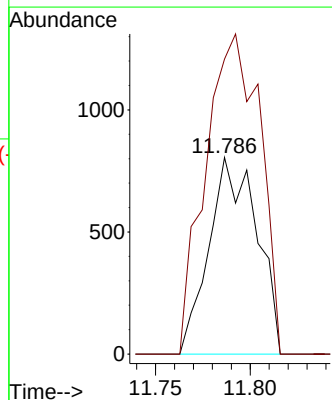
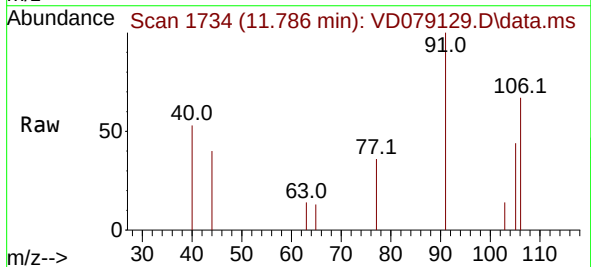
Instrument :
MSVOA_D
ClientSampleId :
A4BH3

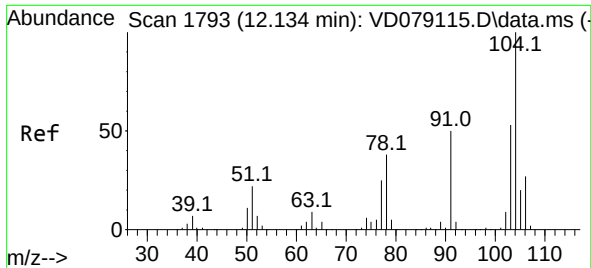
Tgt Ion: 91 Resp: 3972
Ion Ratio Lower Upper
91 100
106 16.7 22.3 41.5#



#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 11.786 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

Tgt Ion: 106 Resp: 1415
Ion Ratio Lower Upper
106 100
91 150.1 133.1 247.1

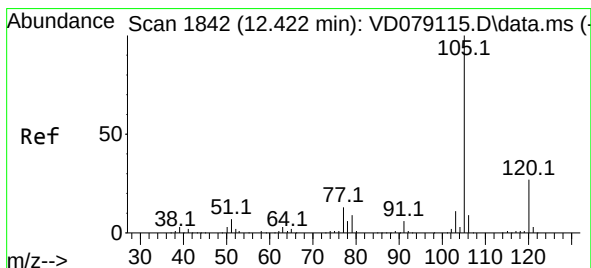
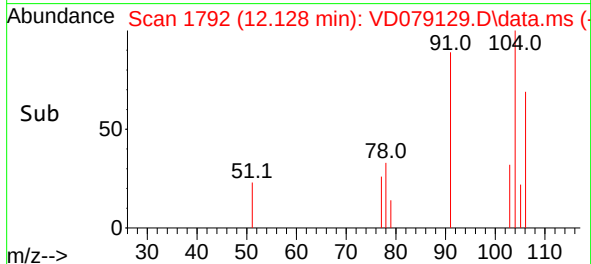
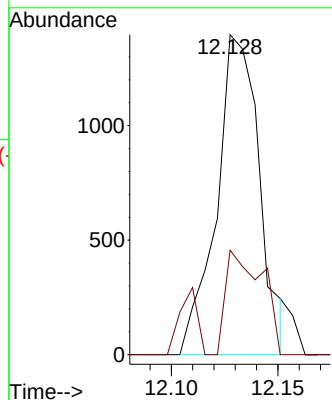
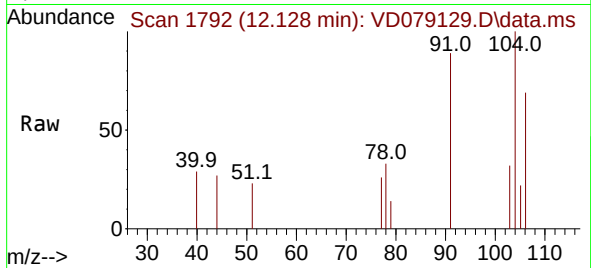




#55
Styrene
Concen: 0.147 ug/L
RT: 12.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

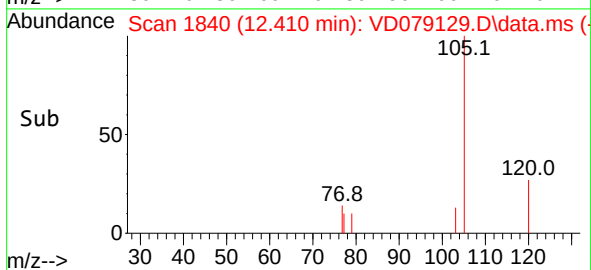
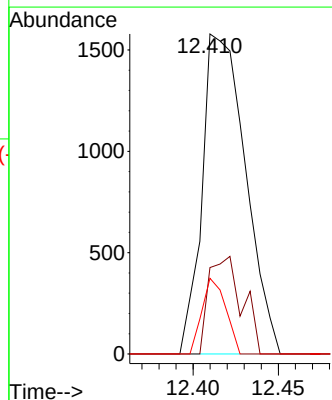
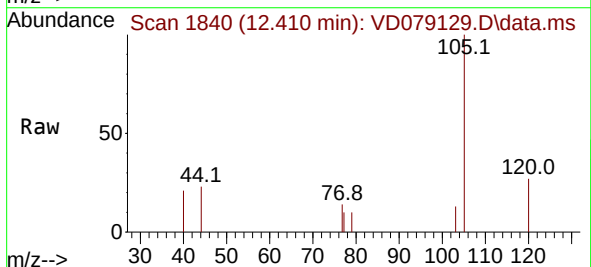
Instrument :
MSVOA_D
ClientSampleId :
A4BH3

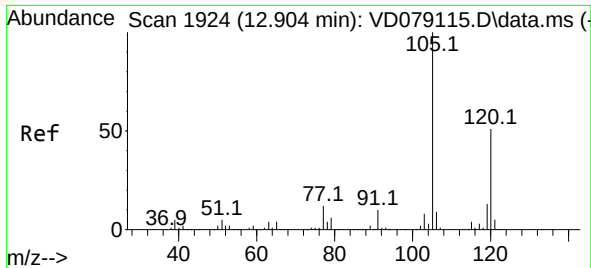
Tgt Ion:104 Resp: 1955
Ion Ratio Lower Upper
104 100
78 32.6 27.8 51.6



#60
Isopropylbenzene
Concen: 0.173 ug/L
RT: 12.410 min Scan# 1840
Delta R.T. -0.012 min
Lab File: VD079129.D
Acq: 03 Jun 2024 17:41

Tgt Ion:105 Resp: 2788
Ion Ratio Lower Upper
105 100
120 23.4 21.9 32.9
77 13.0 10.9 16.3





#62

1,3,5-Trimethylbenzene

Concen: 0.182 ug/L

RT: 12.898 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD079129.D

Acq: 03 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

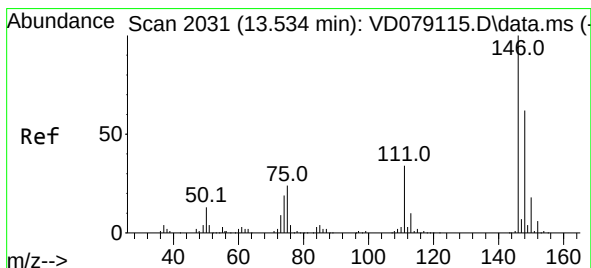
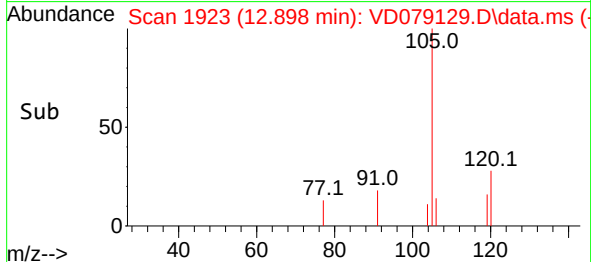
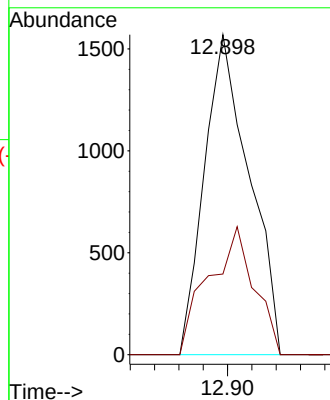
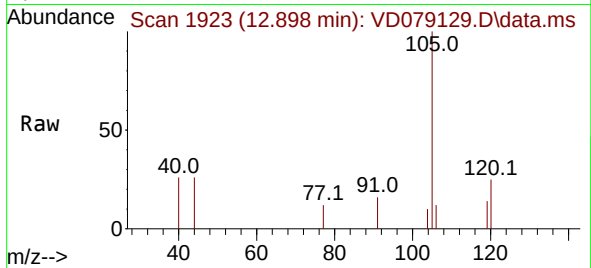
A4BH3

Tgt Ion:105 Resp: 2009

Ion Ratio Lower Upper

105 100

120 40.7 40.7 61.1#



#65

1,4-Dichlorobenzene

Concen: 0.320 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD079129.D

Acq: 03 Jun 2024 17:41

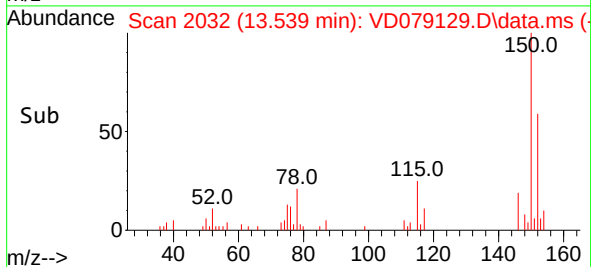
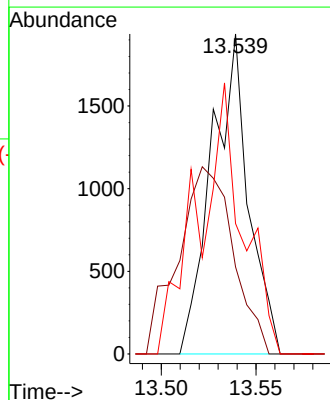
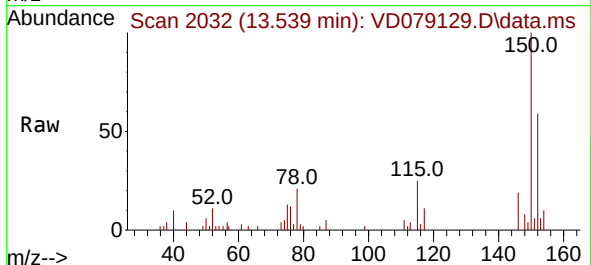
Tgt Ion:146 Resp: 2629

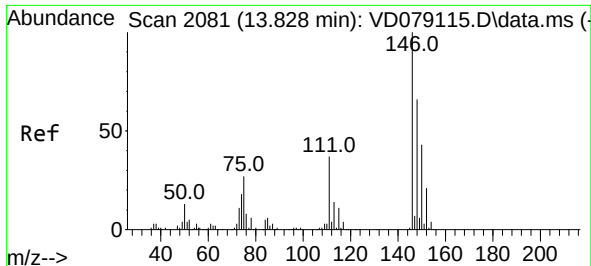
Ion Ratio Lower Upper

146 100

111 27.2 26.3 48.9

148 40.8 43.1 80.1#





#67

1,2-Dichlorobenzene

Concen: 0.466 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079129.D

Acq: 03 Jun 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

A4BH3

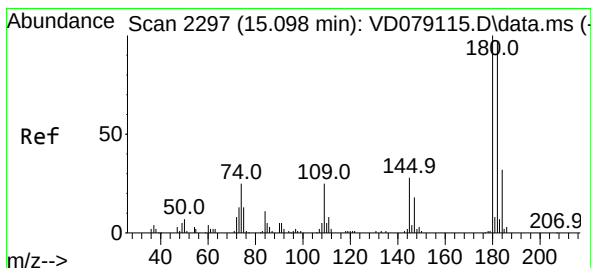
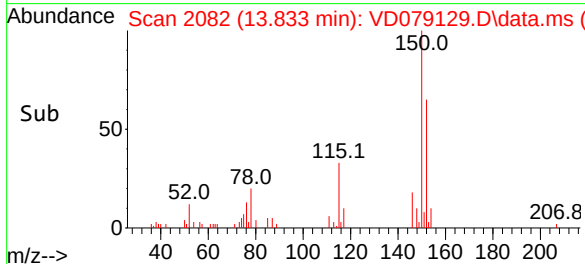
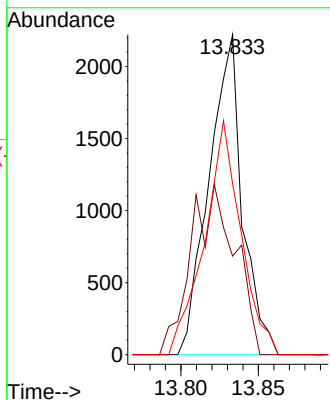
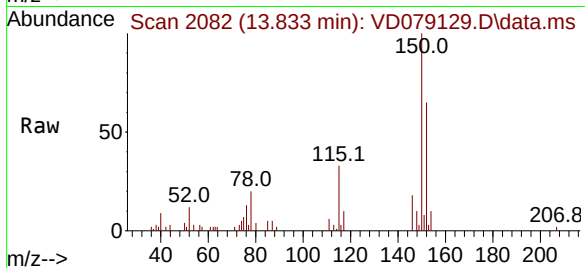
Tgt Ion:146 Resp: 3333

Ion Ratio Lower Upper

146 100

111 30.8 29.1 43.7

148 53.4 51.2 76.8



#70

1,2,4-trichlorobenzene

Concen: 0.382 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079129.D

Acq: 03 Jun 2024 17:41

Tgt Ion:180 Resp: 1551

Ion Ratio Lower Upper

180 100

182 78.7 73.8 110.6

145 17.6 22.3 33.5#

