

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060424\
 Data File : VD079139.D
 Acq On : 04 Jun 2024 12:14
 Operator : RP/MD
 Sample : P2642-27
 Misc : 5.37G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 05 03:21:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 03:20:33 2024
 Response via : Initial Calibration

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

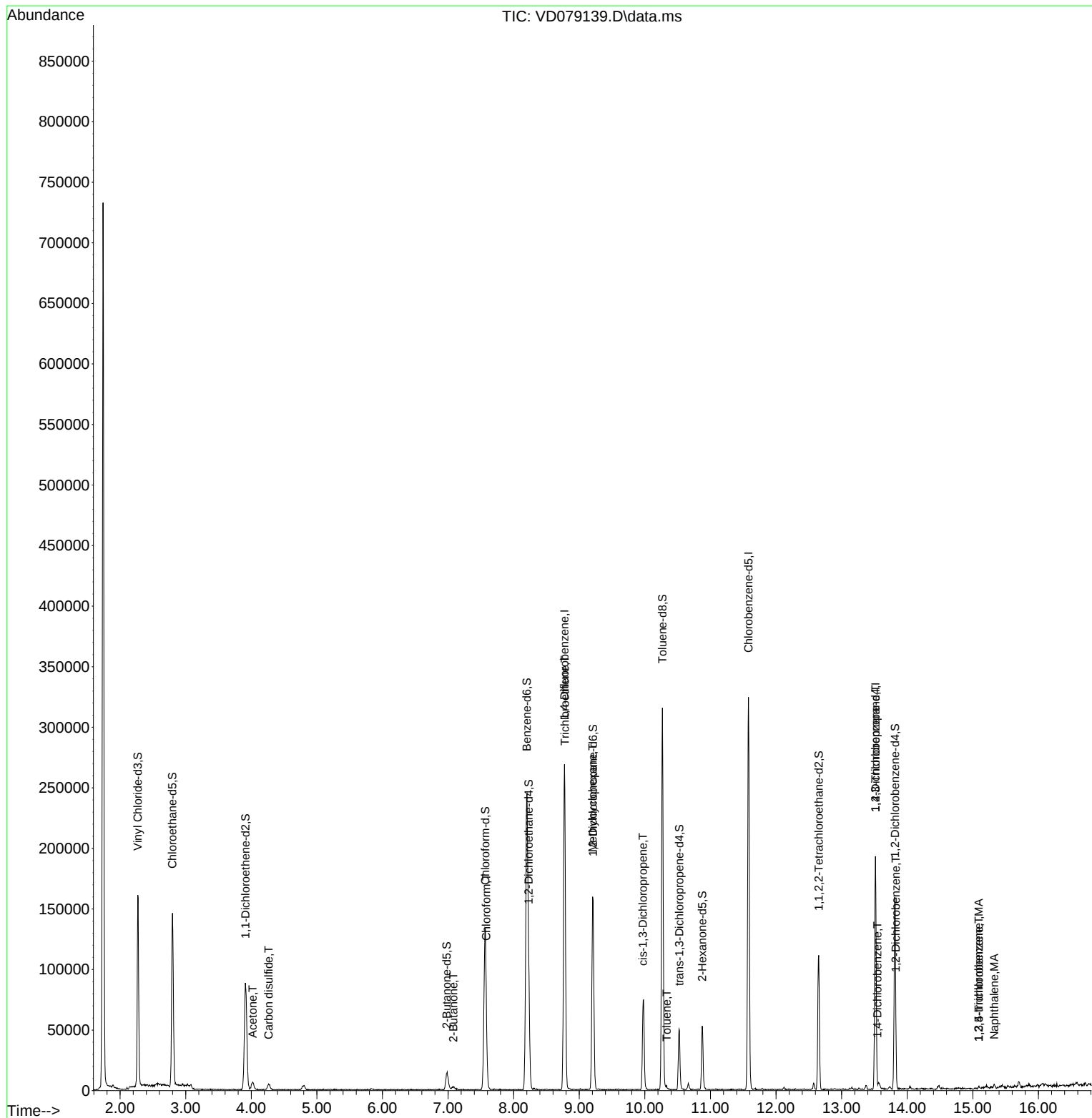
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	256020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	148998	18.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
7) Chloroethane-d5	2.799	69	154142	20.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
11) 1,1-Dichloroethene-d2	3.911	65	24166	17.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.120%
21) 2-Butanone-d5	6.981	46	24357	40.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.840%
24) Chloroform-d	7.569	84	143087	19.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	8.228	65	65542	19.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	8.199	84	278147	24.868	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.480%
36) 1,2-Dichloropropane-d6	9.210	67	83454	25.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.269	98	222140	21.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	10.528	79	30850	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.875	63	18878	45.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	59958	21.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	46665	24.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						Qvalue
13) Acetone	4.022	43	10060	11.531	ug/L	77
14) Carbon disulfide	4.263	76	6802	0.550	ug/L #	95
22) 2-Butanone	7.081	43	1886	2.058	ug/L	86
25) Chloroform	7.581	83	2444	0.349	ug/L	93
34) Trichloroethene	8.781	95	6864	2.218	ug/L #	1
35) Methylcyclohexane	9.204	83	20323	3.963	ug/L #	23
39) cis-1,3-Dichloropropene	9.969	75	1777	0.387	ug/L	100
42) Toluene	10.334	91	2124	0.159	ug/L	84
61) 1,2,3-Trichloropropane	13.516	75	6714	6.973	ug/L #	60
65) 1,4-Dichlorobenzene	13.545	146	755	0.206	ug/L #	67
67) 1,2-Dichlorobenzene	13.828	146	940	0.294	ug/L #	41
69) 1,3,5-Trichlorobenzene	15.092	180	568	0.260	ug/L #	38
70) 1,2,4-trichlorobenzene	15.092	180	568	0.313	ug/L #	38
71) Naphthalene	15.328	128	3135	0.924	ug/L #	93

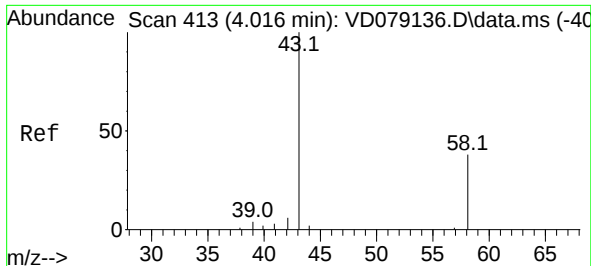
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 05 03:20:33 2024
Response via : Initial Calibration





#13

Acetone

Concen: 11.531 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Instrument :

MSVOA_D

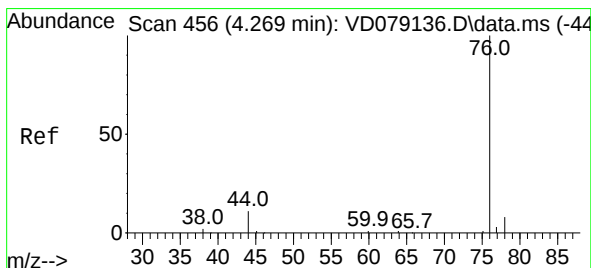
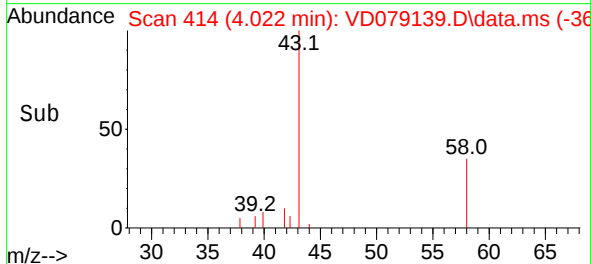
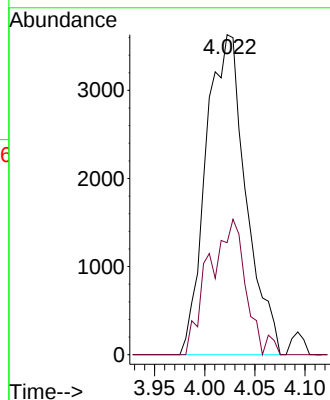
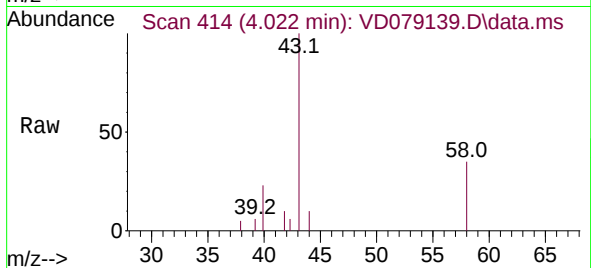
ClientSampleId :

Tgt Ion: 43 Resp: 10060

Ion Ratio Lower Upper

43 100

58 24.9 0.0 78.2



#14

Carbon disulfide

Concen: 0.550 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD079139.D

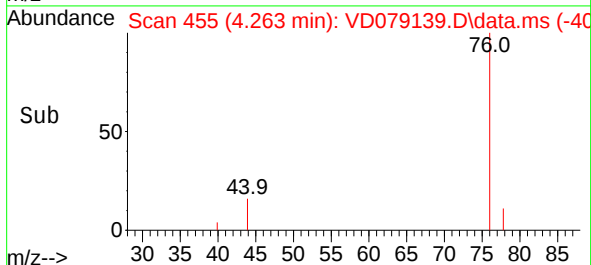
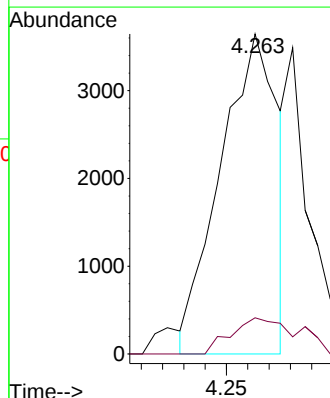
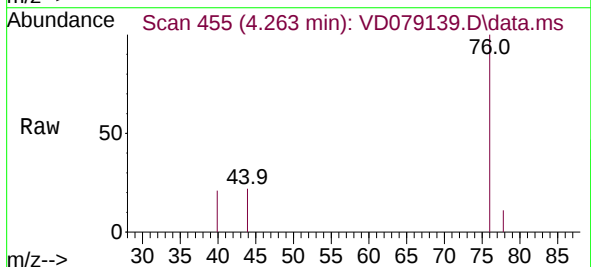
Acq: 04 Jun 2024 12:14

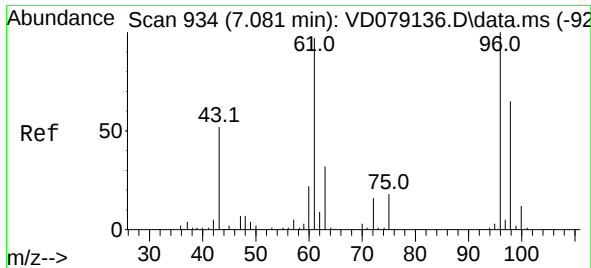
Tgt Ion: 76 Resp: 6802

Ion Ratio Lower Upper

76 100

78 11.3 7.5 11.3#

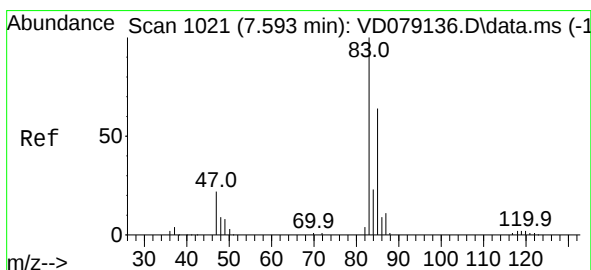
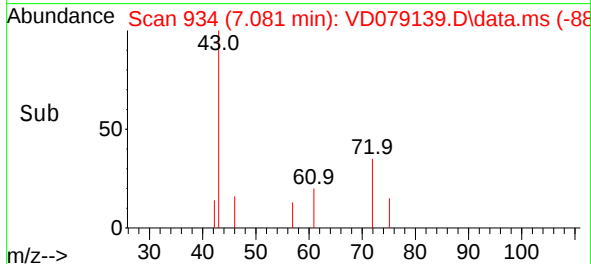
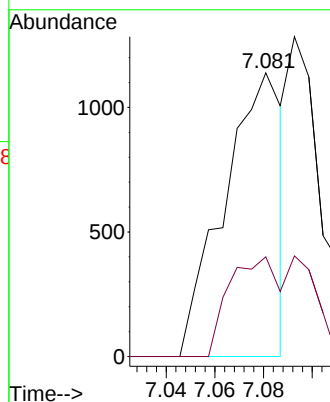
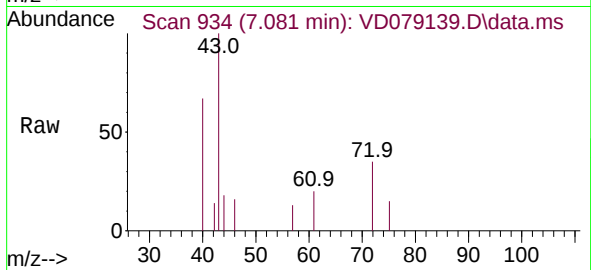




#22
2-Butanone
Concen: 2.058 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079139.D
Acq: 04 Jun 2024 12:14

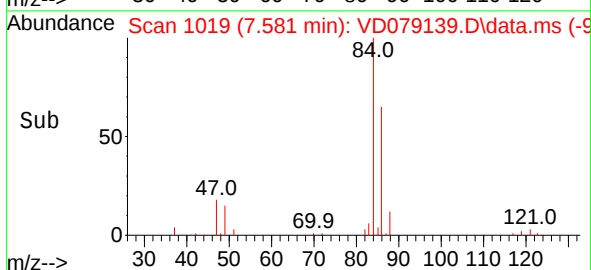
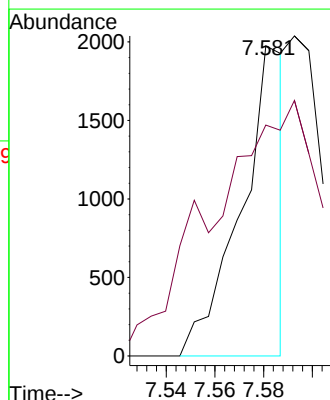
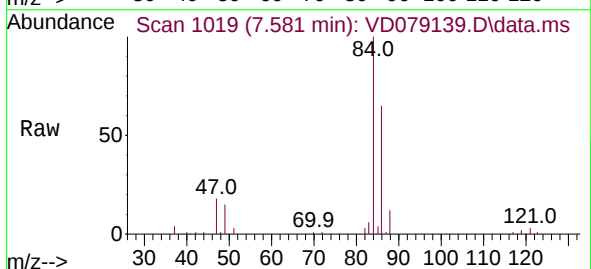
Instrument :
MSVOA_D
ClientSampleId :

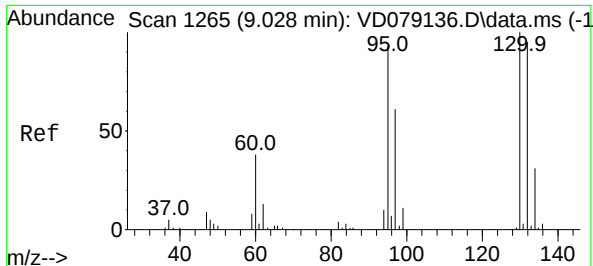
Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
72 30.1 19.3 57.8



#25
Chloroform
Concen: 0.349 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.012 min
Lab File: VD079139.D
Acq: 04 Jun 2024 12:14

Tgt Ion: 83 Resp: 2444
Ion Ratio Lower Upper
83 100
85 74.4 47.9 89.1

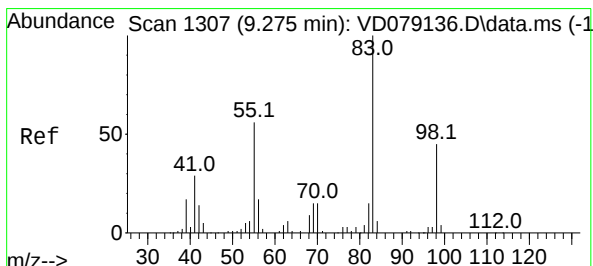
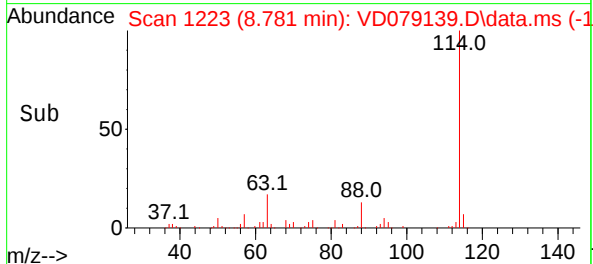
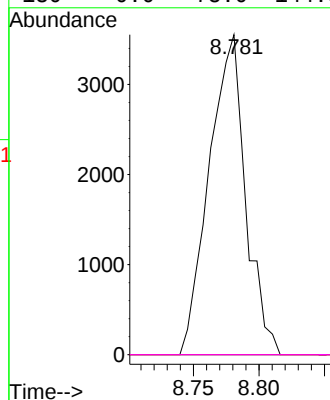
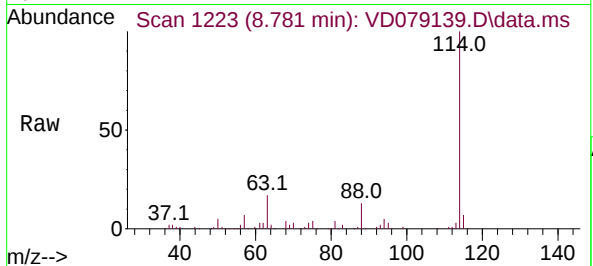




#34
Trichloroethene
Concen: 2.218 ug/L
RT: 8.781 min Scan# 1295
Delta R.T. -0.247 min
Lab File: VD079139.D
Acq: 04 Jun 2024 12:14

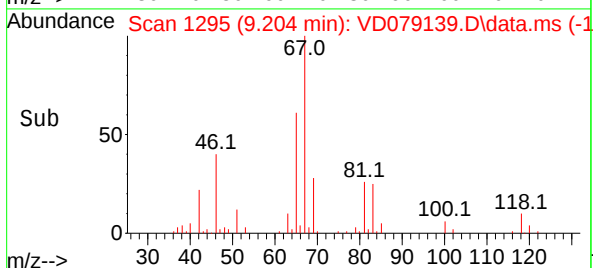
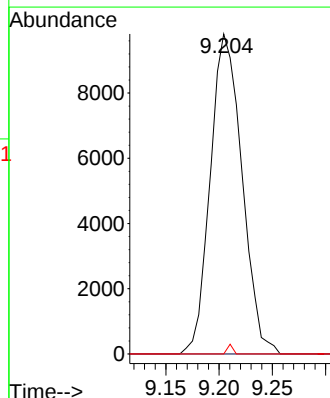
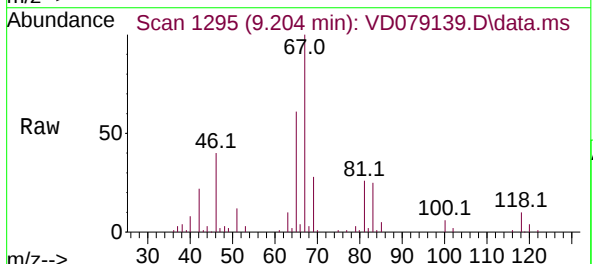
Instrument :
MSVOA_D
ClientSampleId :

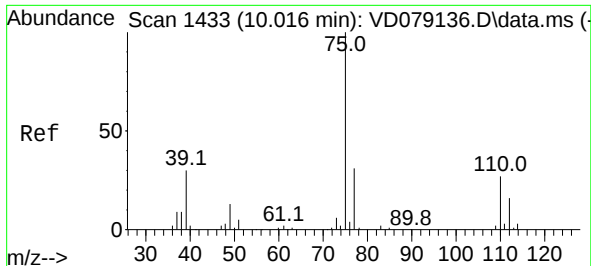
Tgt Ion: 95	Resp: 6864
Ion Ratio	Lower Upper
95	100
97	0.0 44.6 82.8#
132	0.0 74.9 139.1#
130	0.0 78.0 144.8#



#35
Methylcyclohexane
Concen: 3.963 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD079139.D
Acq: 04 Jun 2024 12:14

Tgt Ion: 83	Resp: 20323
Ion Ratio	Lower Upper
83	100
55	0.0 48.6 72.8#
98	0.0 40.2 60.2#





#39

cis-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 9.969 min Scan# 1425

Delta R.T. -0.047 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Instrument :

MSVOA_D

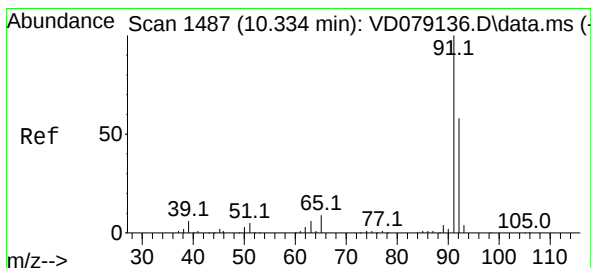
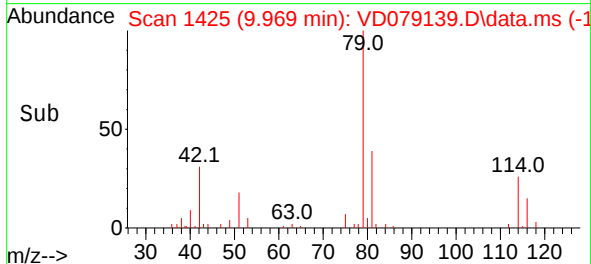
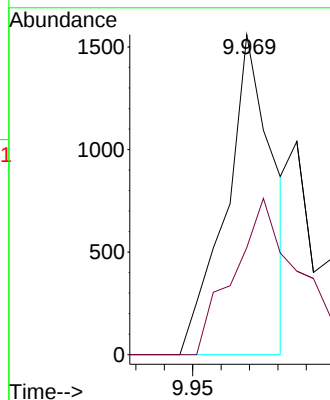
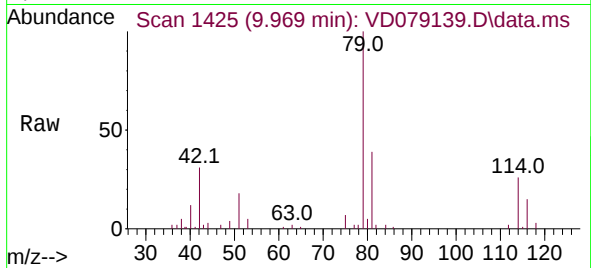
ClientSampleId :

Tgt Ion: 75 Resp: 1777

Ion Ratio Lower Upper

75 100

77 33.5 23.4 43.4



#42

Toluene

Concen: 0.159 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079139.D

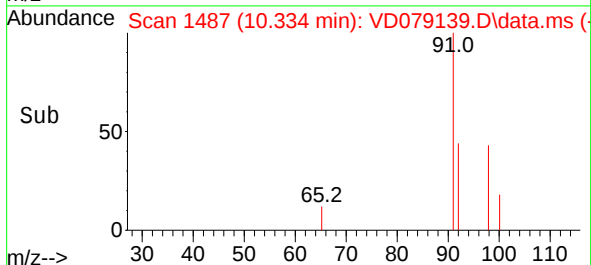
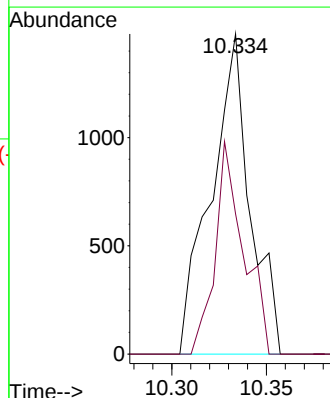
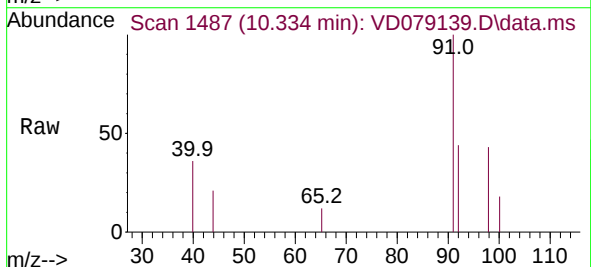
Acq: 04 Jun 2024 12:14

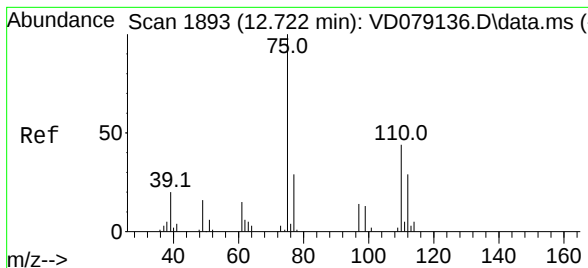
Tgt Ion: 91 Resp: 2124

Ion Ratio Lower Upper

91 100

92 43.8 38.9 72.3





#61

1,2,3-Trichloropropane

Concen: 6.973 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

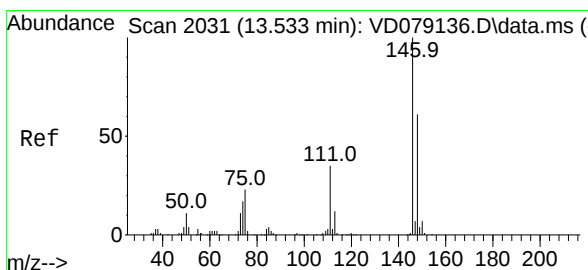
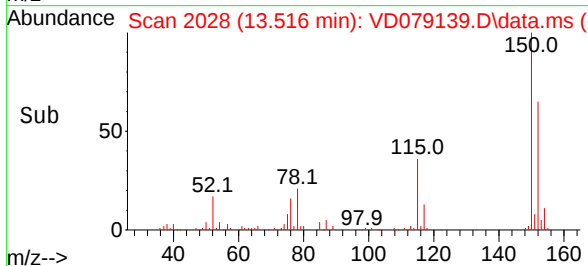
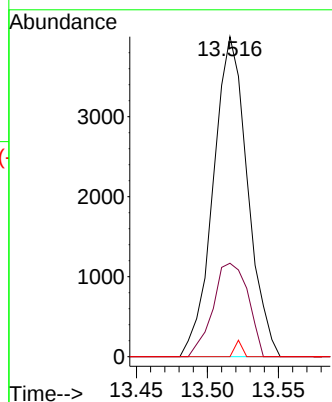
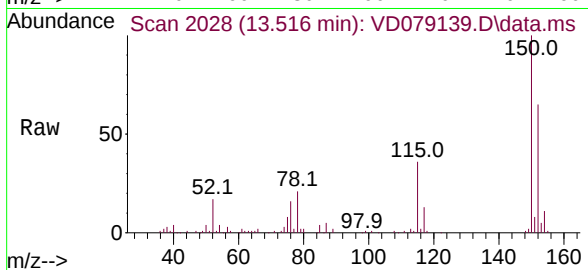
Tgt Ion: 75 Resp: 6714

Ion Ratio Lower Upper

75 100

77 29.9 25.9 38.9

110 0.0 34.2 51.4#



#65

1,4-Dichlorobenzene

Concen: 0.206 ug/L

RT: 13.545 min Scan# 2033

Delta R.T. 0.012 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

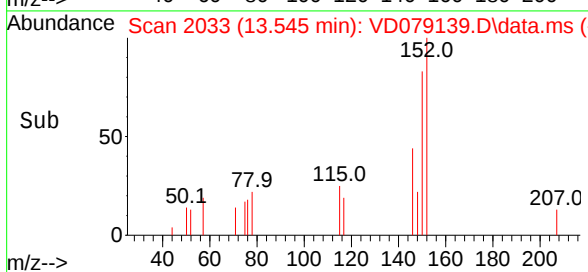
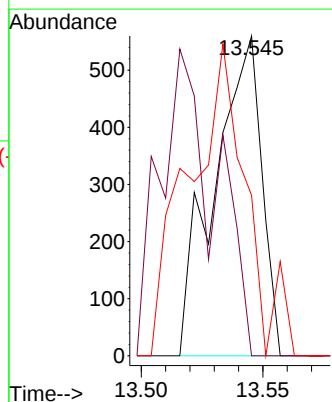
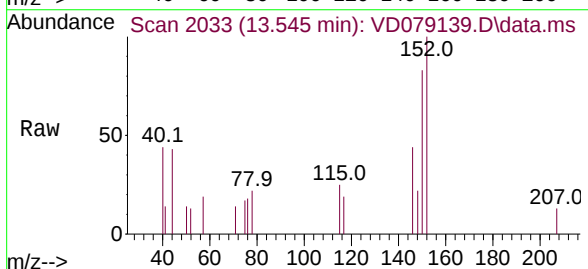
Tgt Ion:146 Resp: 755

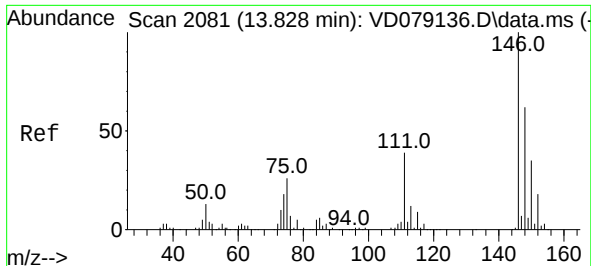
Ion Ratio Lower Upper

146 100

111 0.0 26.3 48.9#

148 50.2 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 0.294 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

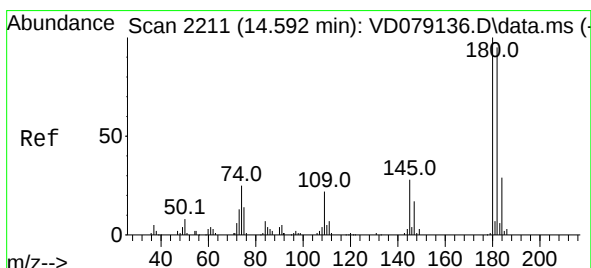
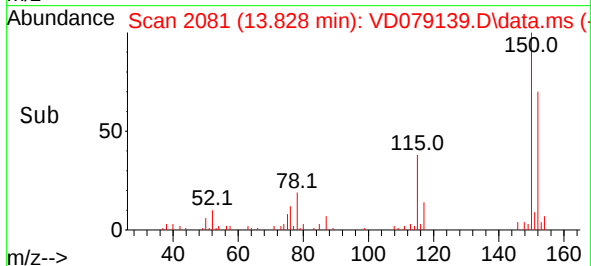
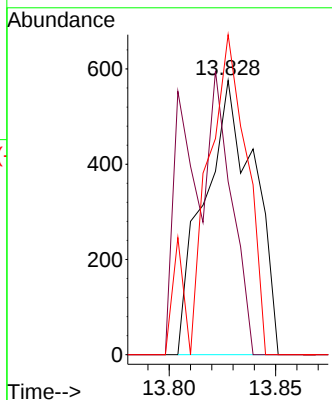
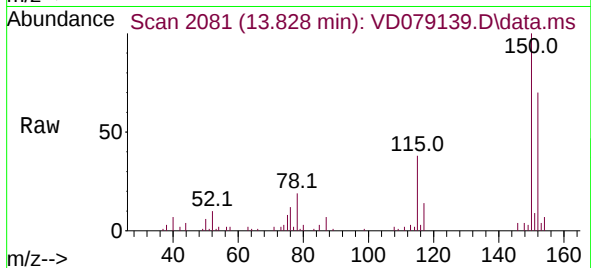
Tgt Ion:146 Resp: 940

Ion Ratio Lower Upper

146 100

111 63.2 29.1 43.7#

148 116.7 51.2 76.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.260 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. 0.500 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Tgt Ion:180 Resp: 568

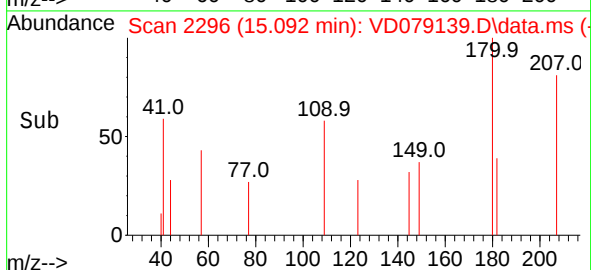
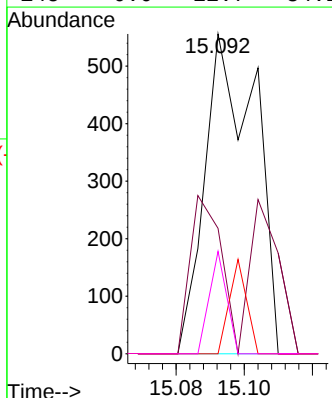
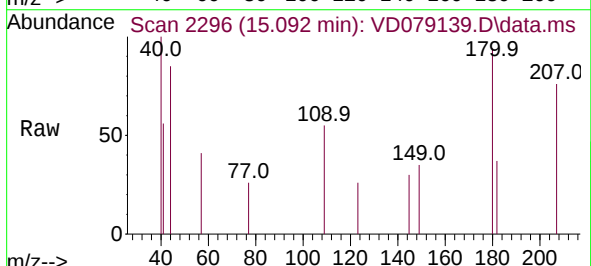
Ion Ratio Lower Upper

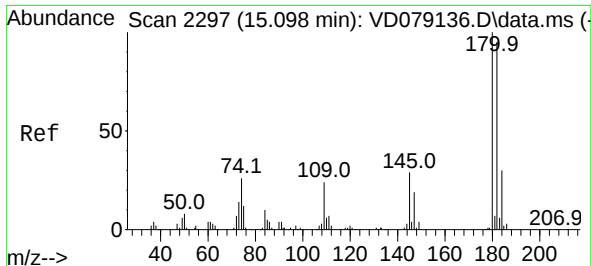
180 100

182 30.6 76.9 115.3#

184 0.0 23.3 34.9#

145 0.0 22.7 34.1#





#70

1,2,4-trichlorobenzene

Concen: 0.313 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

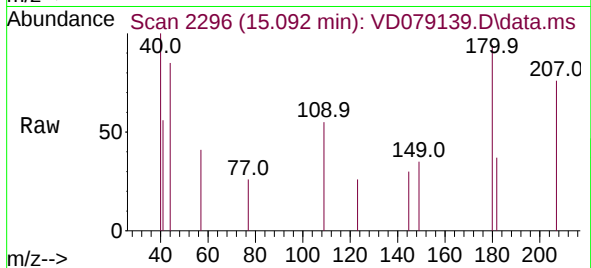
Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

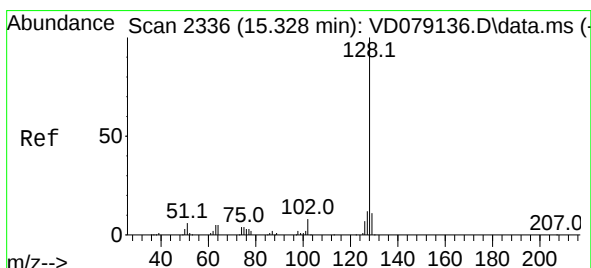
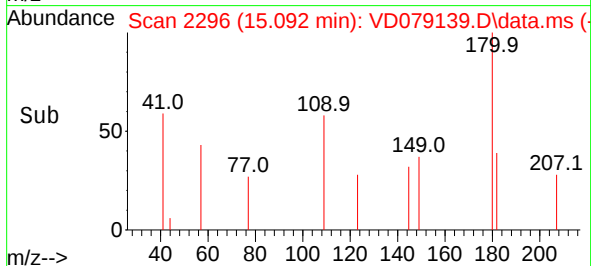
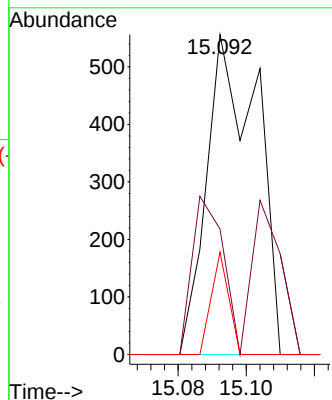
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	180	Resp:	568
Ion Ratio	Lower	Upper	
180	100		
182	30.6	73.8	110.6#
145	0.0	22.3	33.5#



#71

Naphthalene

Concen: 0.924 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079139.D

Acq: 04 Jun 2024 12:14

Tgt Ion:	128	Resp:	3135
Ion Ratio	Lower	Upper	
128	100		
127	10.8	10.8	16.2#
129	7.8	8.5	12.7#

