

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077176.D
 Acq On : 21 Sep 2023 13:10
 Operator : JC/SY
 Sample : 04527-04
 Misc : 5.25G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

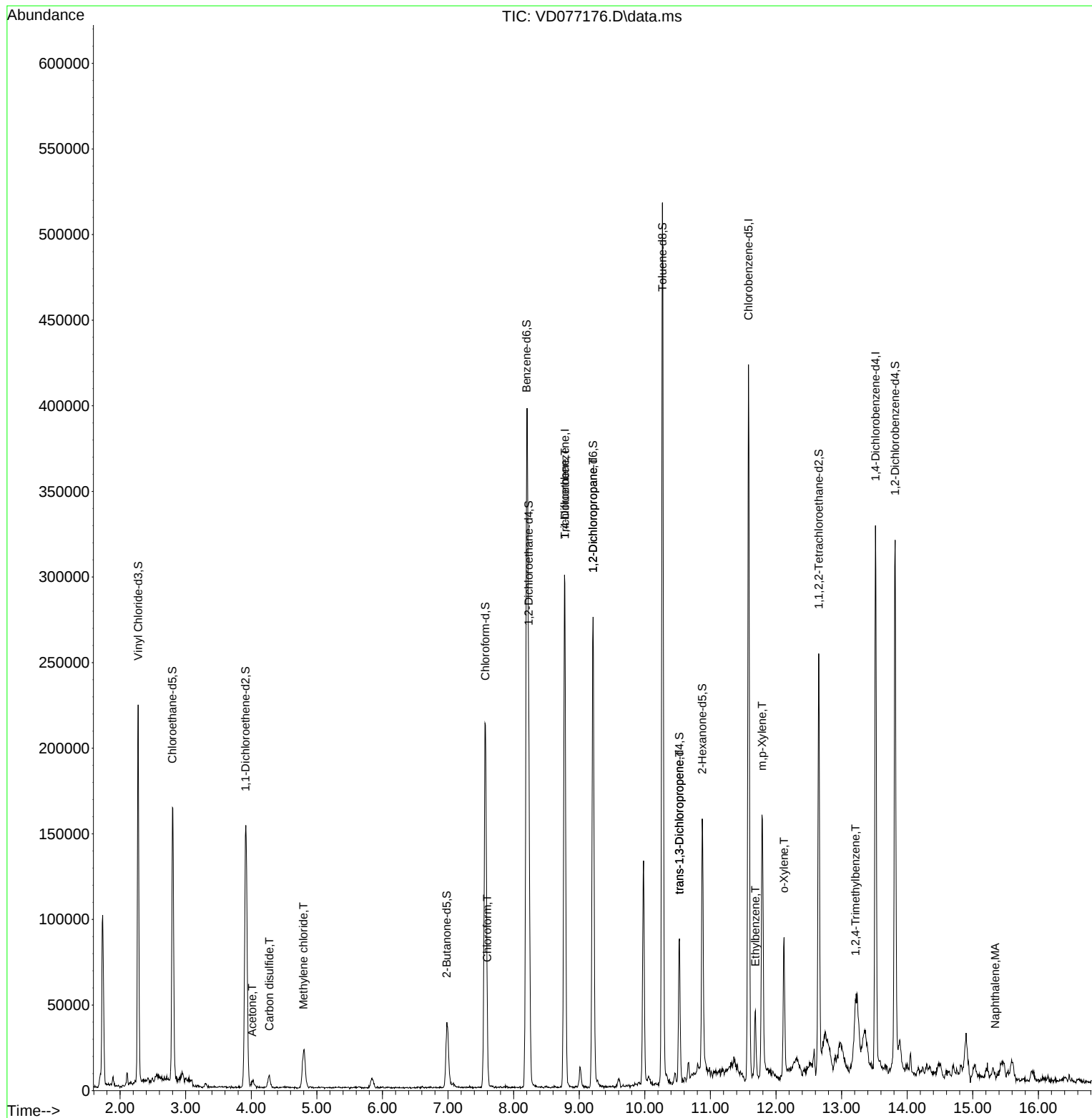
Internal Standards							
1) 1,4-Difluorobenzene		8.781	114	276948	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.581	117	251634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	87908	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.275	65	201457	29.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.080%		
7) Chloroethane-d5		2.799	69	168100	29.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.800%		
11) 1,1-Dichloroethene-d2		3.911	65	43160	27.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.360%#		
21) 2-Butanone-d5		6.981	46	66774	77.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 155.340%#		
24) Chloroform-d		7.569	84	227305	29.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 119.960%		
26) 1,2-Dichloroethane-d4		8.228	65	120010	33.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 133.640%#		
32) Benzene-d6		8.199	84	440320	31.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 126.720%		
36) 1,2-Dichloropropane-d6		9.210	67	142271	35.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 142.800%#		
41) Toluene-d8		10.269	98	361755	28.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.720%		
43) trans-1,3-Dichloroprop...		10.528	79	48863	26.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.640%		
47) 2-Hexanone-d5		10.875	63	50822	79.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 159.680%#		
56) 1,1,2,2-Tetrachloroeth...		12.651	84	120937	34.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 136.160%#		
66) 1,2-Dichlorobenzene-d4		13.816	152	87511	31.015	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 124.040%#		
Target Compounds							
							Qvalue
13) Acetone		4.017	43	6516	5.284	ug/L	82
14) Carbon disulfide		4.275	76	14130	1.174	ug/L	98
16) Methylene chloride		4.793	84	9271	1.645	ug/L	94
25) Chloroform		7.599	83	4331	0.568	ug/L	84
34) Trichloroethene		8.781	95	8168	2.038	ug/L #	4
37) 1,2-Dichloropropane		9.210	63	14653	3.843	ug/L #	85
44) trans-1,3-Dichloropropene		10.528	75	2327	0.449	ug/L #	71
52) Ethylbenzene		11.687	91	28275	1.596	ug/L	98
53) m,p-Xylene		11.787	106	51193	7.482	ug/L	98
54) o-Xylene		12.122	106	22479	3.404	ug/L	95
63) 1,2,4-Trimethylbenzene		13.210	105	2761	0.322	ug/L	90
71) Naphthalene		15.339	128	3796	0.624	ug/L #	90

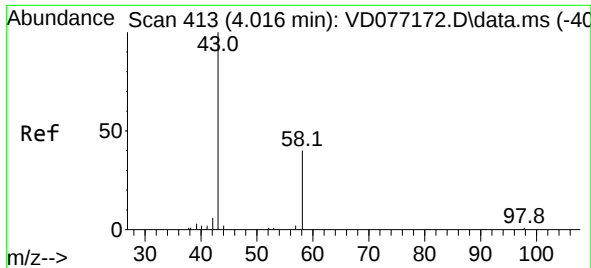
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.284 ug/L

RT: 4.017 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD077176.D

Acq: 21 Sep 2023 13:10

Instrument :

MSVOA_D

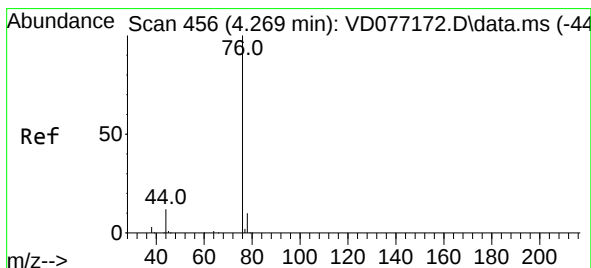
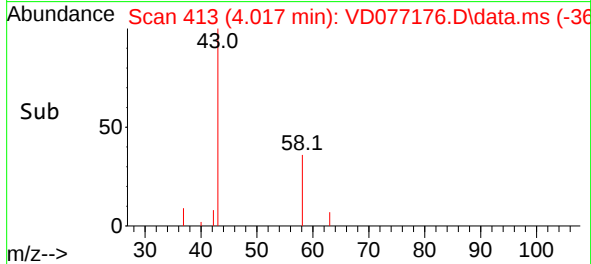
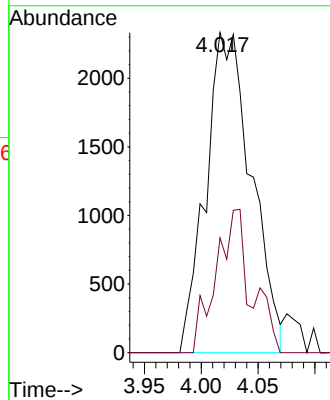
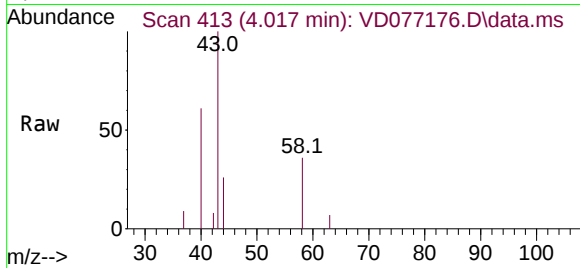
ClientSampleId :

Tgt Ion: 43 Resp: 6516

Ion Ratio Lower Upper

43 100

58 25.4 0.0 71.8



#14

Carbon disulfide

Concen: 1.174 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD077176.D

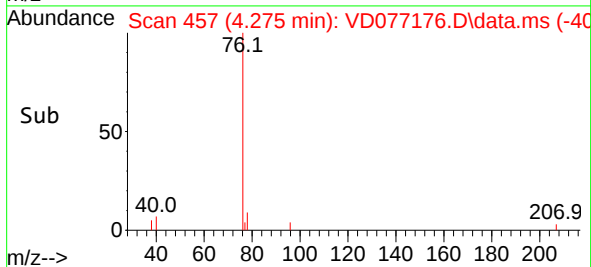
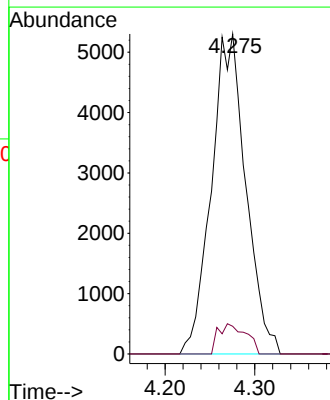
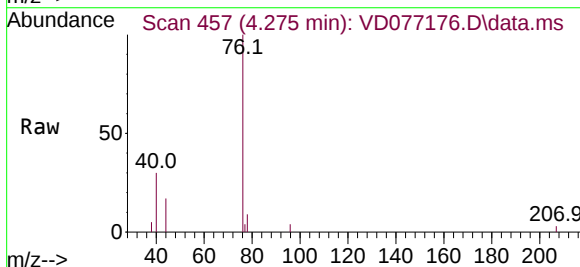
Acq: 21 Sep 2023 13:10

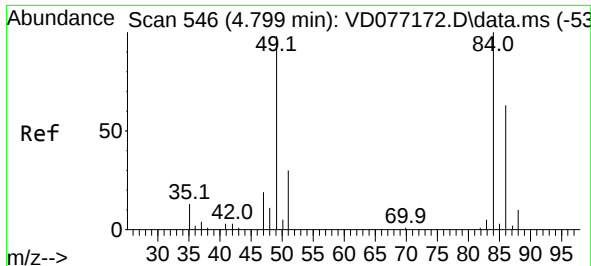
Tgt Ion: 76 Resp: 14130

Ion Ratio Lower Upper

76 100

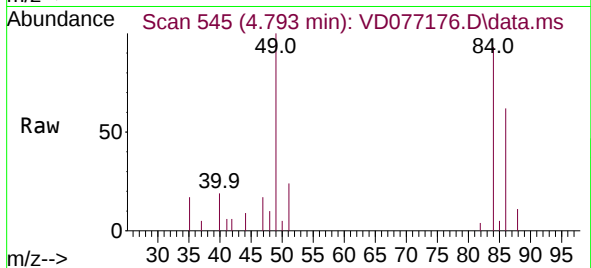
78 8.7 7.5 11.3



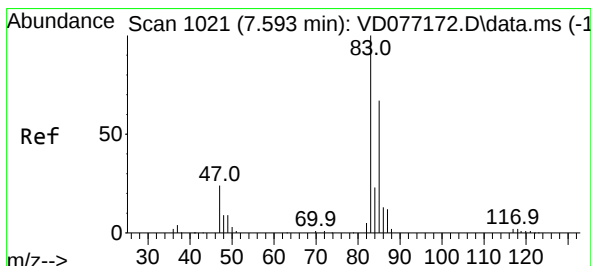
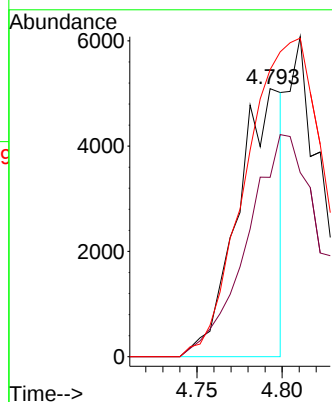
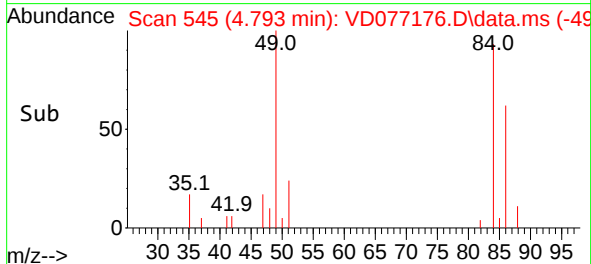


#16
Methylene chloride
Concen: 1.645 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :

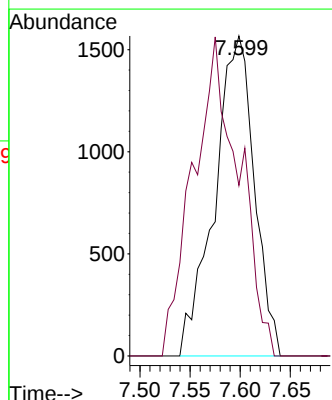
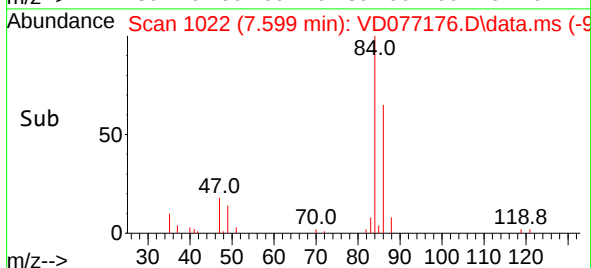
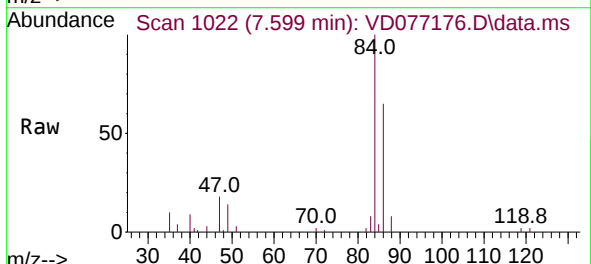


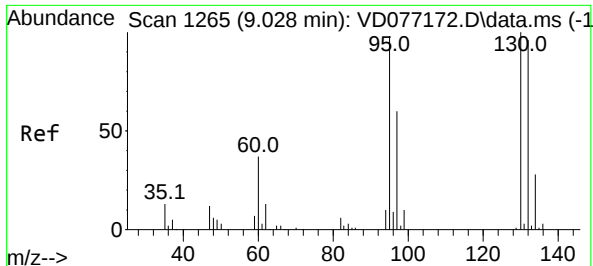
Tgt Ion: 84 Resp: 9271
Ion Ratio Lower Upper
84 100
86 66.9 45.3 84.1
49 107.1 69.2 128.6



#25
Chloroform
Concen: 0.568 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion: 83 Resp: 4331
Ion Ratio Lower Upper
83 100
85 53.3 46.2 85.8





#34

Trichloroethene

Concen: 2.038 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD077176.D

Acq: 21 Sep 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 8168

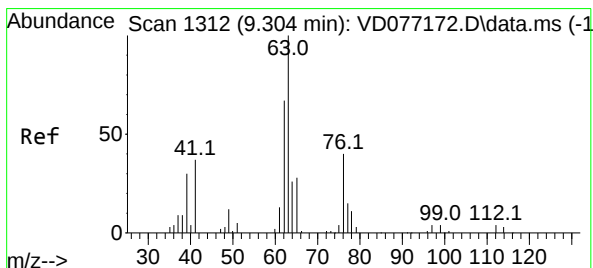
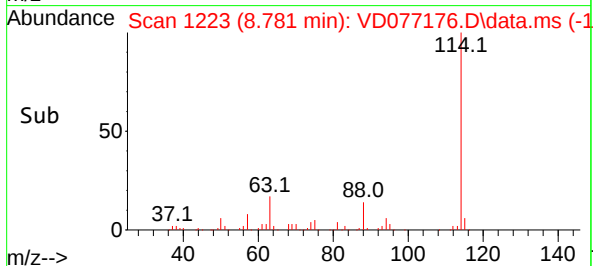
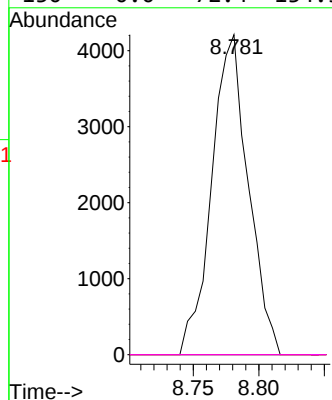
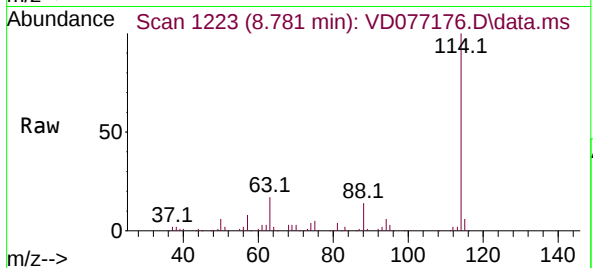
Ion Ratio Lower Upper

95 100

97 0.0 46.4 86.2#

132 0.0 70.1 130.1#

130 0.0 72.4 134.5#



#37

1,2-Dichloropropane

Concen: 3.843 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD077176.D

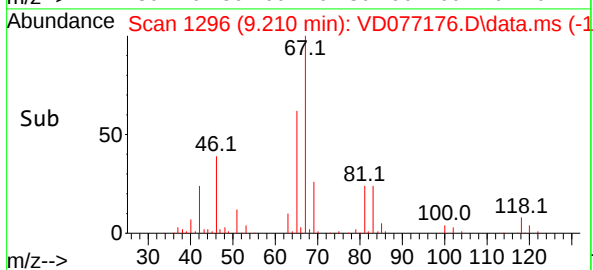
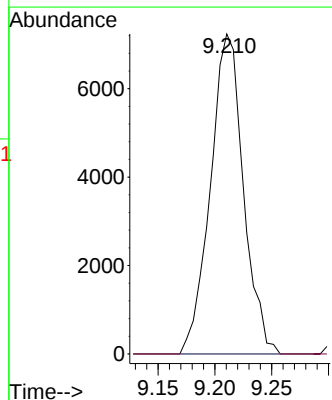
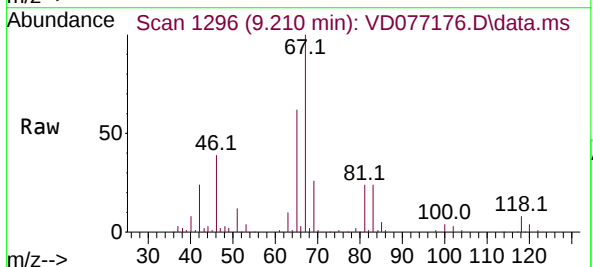
Acq: 21 Sep 2023 13:10

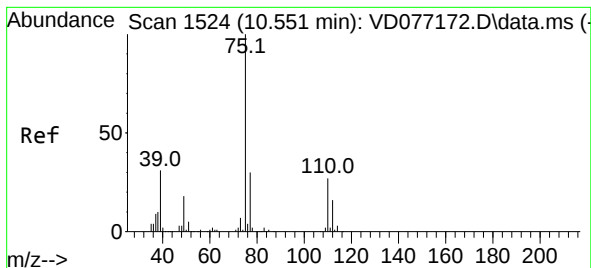
Tgt Ion: 63 Resp: 14653

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#44

trans-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD077176.D

Acq: 21 Sep 2023 13:10

Instrument :

MSVOA_D

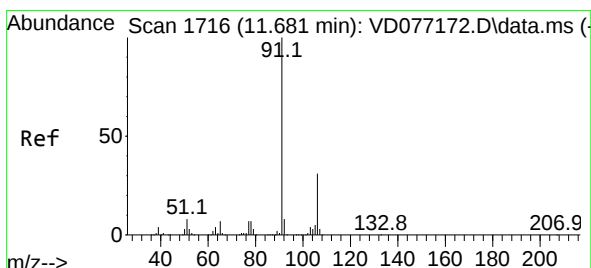
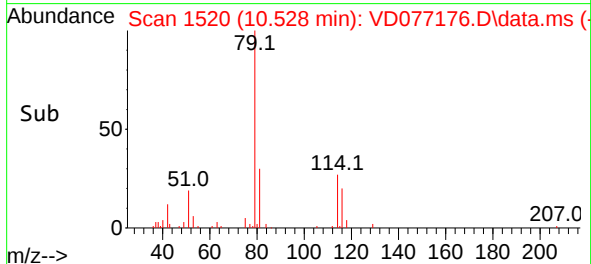
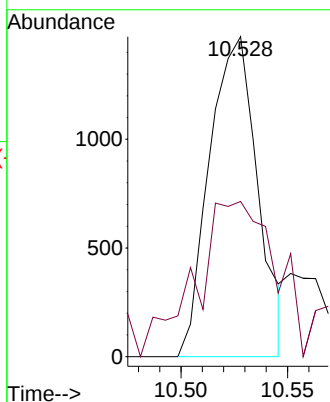
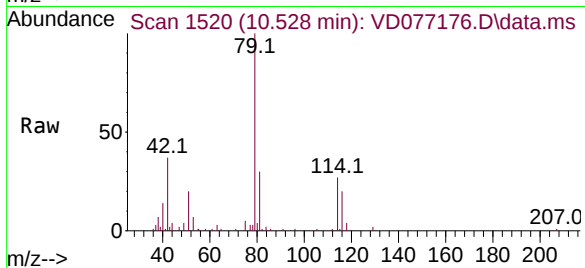
ClientSampleId :

Tgt Ion: 75 Resp: 2327

Ion Ratio Lower Upper

75 100

77 48.5 22.5 41.9#



#52

Ethylbenzene

Concen: 1.596 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD077176.D

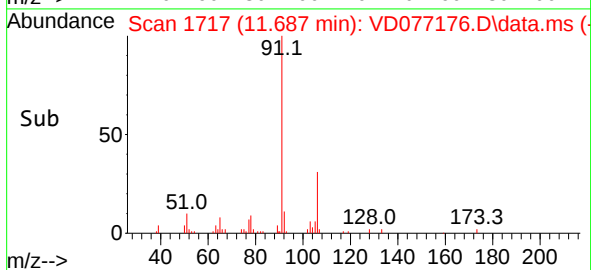
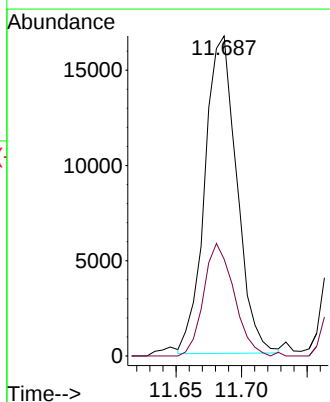
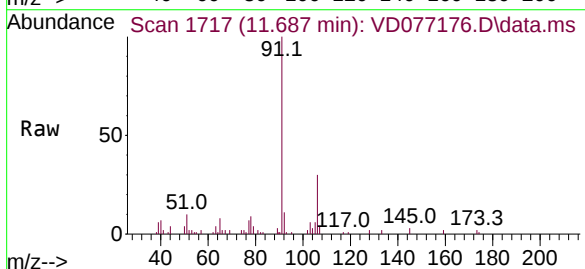
Acq: 21 Sep 2023 13:10

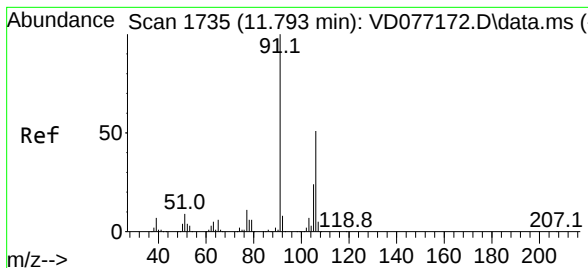
Tgt Ion: 91 Resp: 28275

Ion Ratio Lower Upper

91 100

106 30.2 22.1 41.1





#53

m,p-Xylene

Concen: 7.482 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD077176.D

Acq: 21 Sep 2023 13:10

Instrument :

MSVOA_D

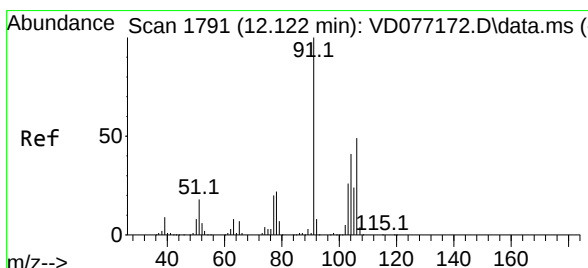
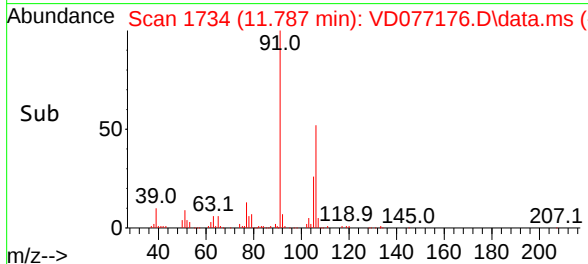
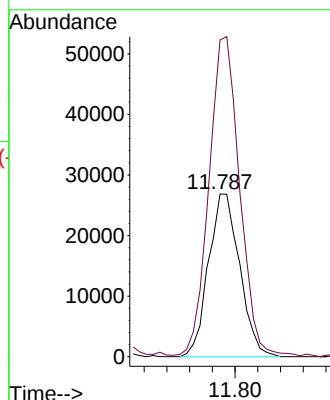
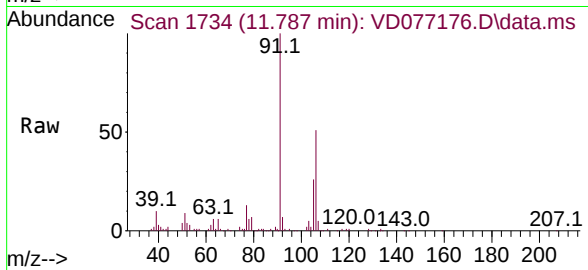
ClientSampleId :

Tgt Ion:106 Resp: 51193

Ion Ratio Lower Upper

106 100

91 194.7 138.2 256.6



#54

o-Xylene

Concen: 3.404 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077176.D

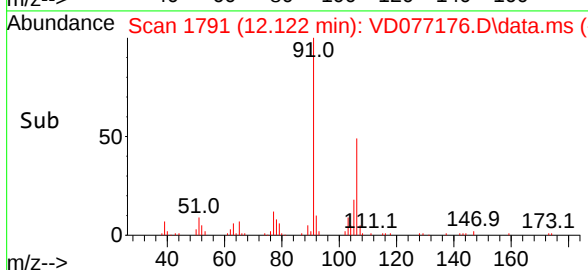
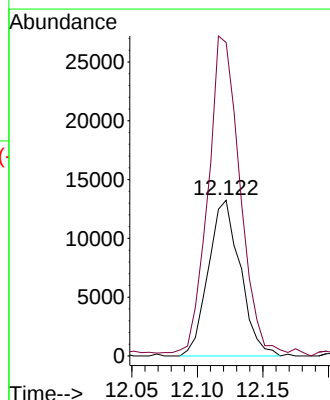
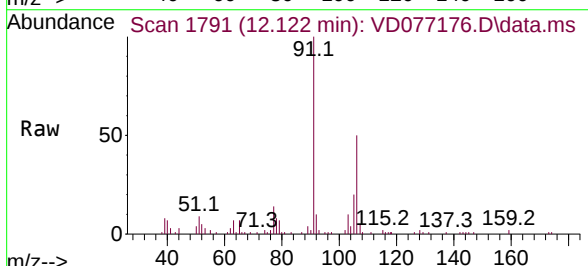
Acq: 21 Sep 2023 13:10

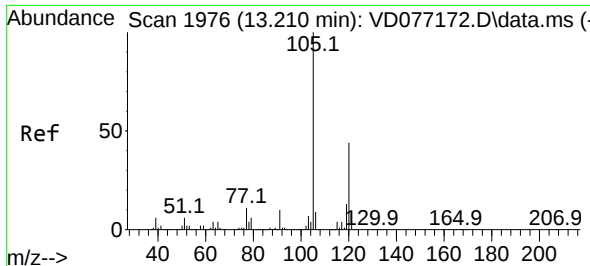
Tgt Ion:106 Resp: 22479

Ion Ratio Lower Upper

106 100

91 201.3 146.9 272.7

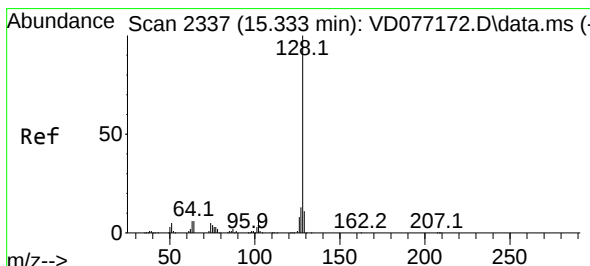
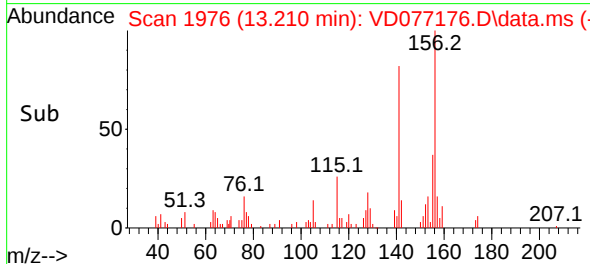
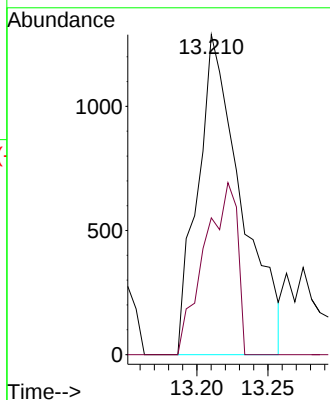
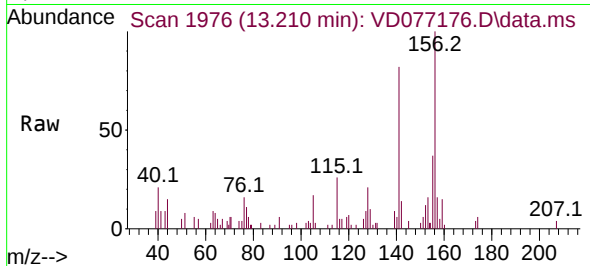




#63
1,2,4-Trimethylbenzene
Concen: 0.322 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 2761
Ion Ratio Lower Upper
105 100
120 40.4 37.8 56.8



#71
Naphthalene
Concen: 0.624 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD077176.D
Acq: 21 Sep 2023 13:10

Tgt Ion:128 Resp: 3796
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 3.7 8.6 13.0#

