

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078337.D
 Acq On : 02 Feb 2024 20:12
 Operator : RP/MD
 Sample : P1349-02
 Misc : 6.61G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH6W4

Quant Time: Feb 03 00:24:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 03 00:20:19 2024
 Response via : Initial Calibration

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

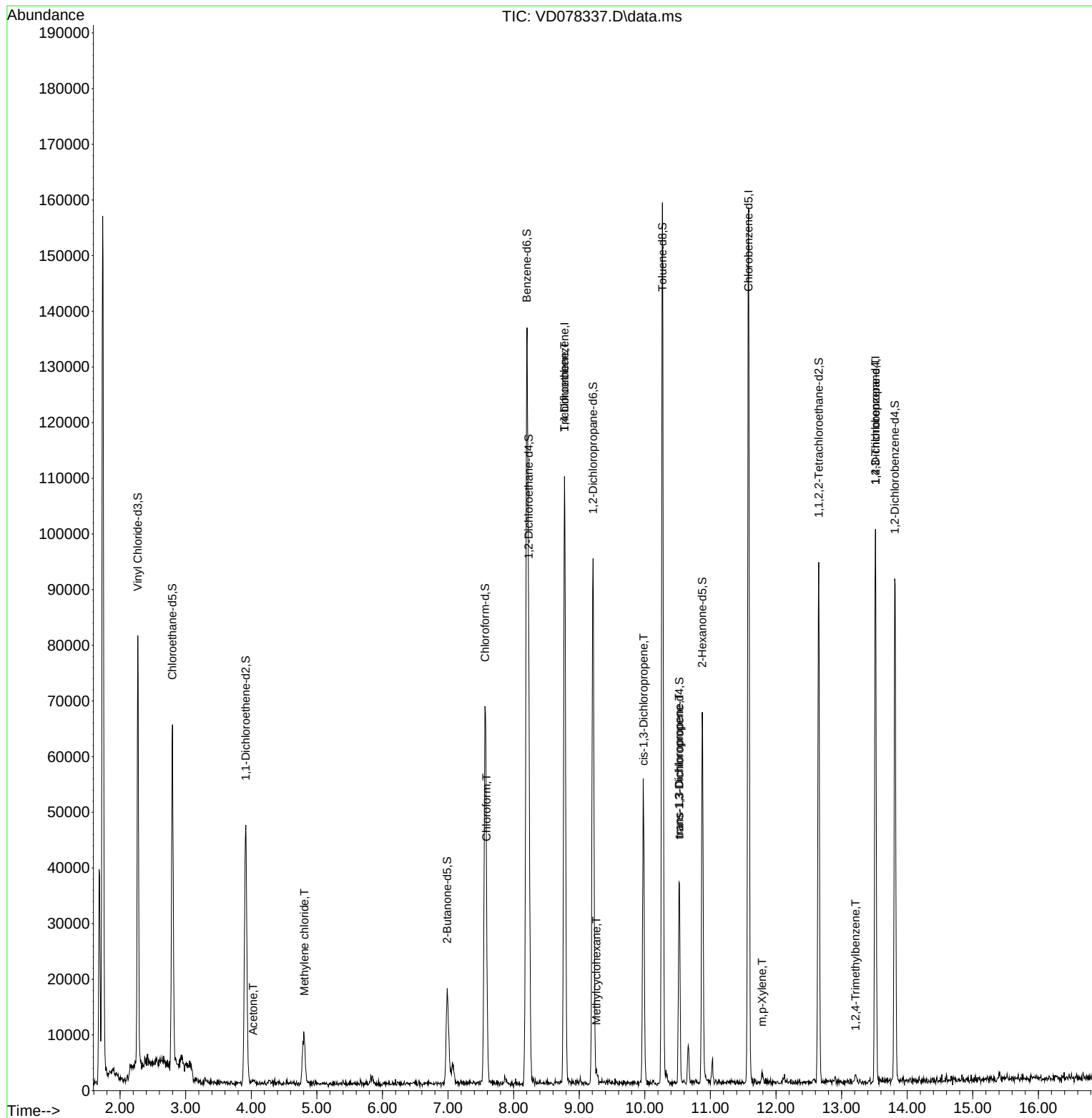
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	96160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	90731	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	27124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	68711	25.185	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 100.760%		
7) Chloroethane-d5	2.799	69	60737	26.485	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.920%		
11) 1,1-Dichloroethene-d2	3.917	65	13200	22.408	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 89.640%		
21) 2-Butanone-d5	6.987	46	29295	72.931	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 145.860%#		
24) Chloroform-d	7.563	84	70689	25.783	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 103.120%		
26) 1,2-Dichloroethane-d4	8.228	65	46321	31.307	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 125.240%		
32) Benzene-d6	8.199	84	140329	26.451	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 105.800%		
36) 1,2-Dichloropropane-d6	9.210	67	47046	28.805	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 115.200%		
41) Toluene-d8	10.269	98	108113	22.688	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 90.760%		
43) trans-1,3-Dichloroprop...	10.528	79	20497	28.106	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 112.440%		
47) 2-Hexanone-d5	10.875	63	22711	68.536	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 137.080%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	48347	31.856	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 127.440%#		
66) 1,2-Dichlorobenzene-d4	13.810	152	25042	25.789	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 103.160%		
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	976	1.851	ug/L	74
16) Methylene chloride	4.811	84	2520	1.336	ug/L	93
25) Chloroform	7.587	83	1426	0.486	ug/L	87
34) Trichloroethene	8.775	95	2976	1.927	ug/L #	3
35) Methylcyclohexane	9.263	83	620	0.257	ug/L #	83
39) cis-1,3-Dichloropropene	9.981	75	1086	0.433	ug/L	91
44) trans-1,3-Dichloropropene	10.522	75	1124	0.512	ug/L #	77
53) m,p-Xylene	11.787	106	947	0.361	ug/L #	17
61) 1,2,3-Trichloropropane	13.516	75	3517	5.083	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.210	105	1018	0.321	ug/L #	81

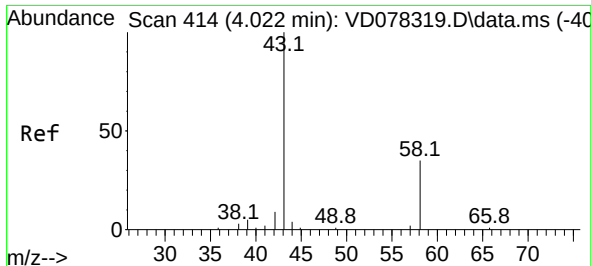
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Feb 03 00:20:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.851 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD078337.D

Acq: 02 Feb 2024 20:12

Instrument :

MSVOA_D

ClientSampleId :

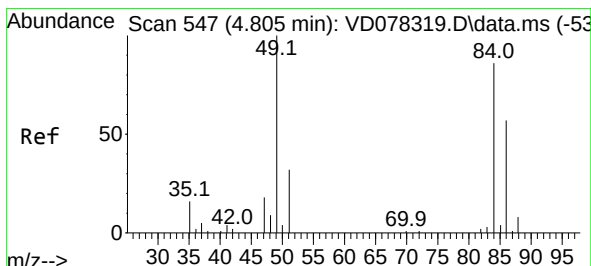
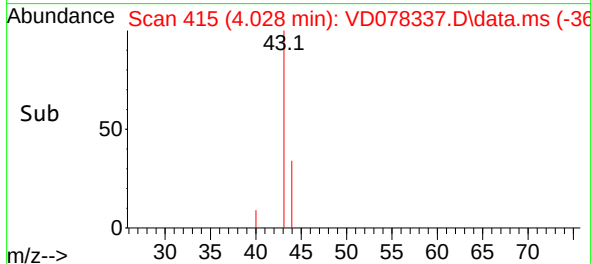
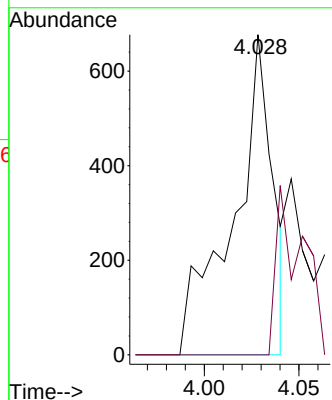
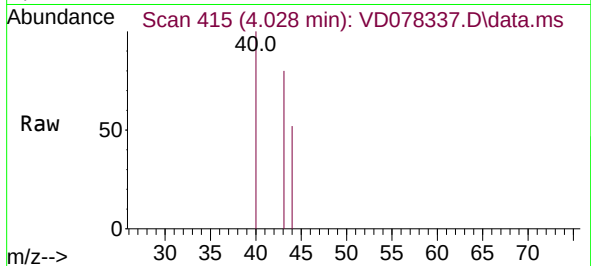
BH6W4

Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 18.8 0.0 67.2



#16

Methylene chloride

Concen: 1.336 ug/L

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078337.D

Acq: 02 Feb 2024 20:12

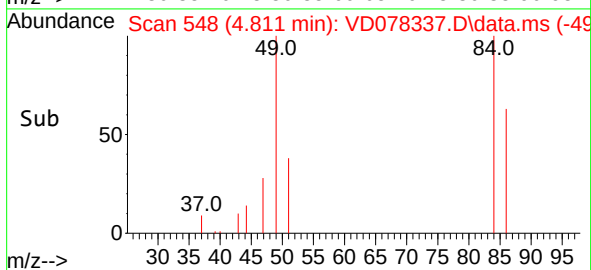
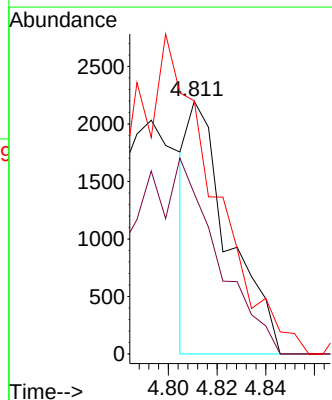
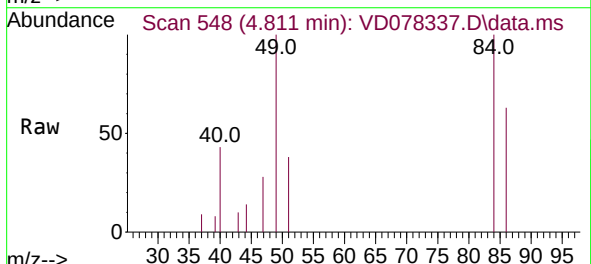
Tgt Ion: 84 Resp: 2520

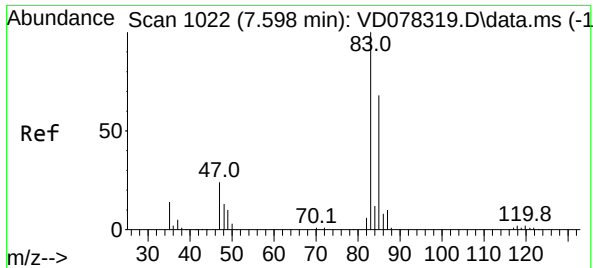
Ion Ratio Lower Upper

84 100

86 63.4 45.4 84.2

49 100.2 77.3 143.7





#25

Chloroform

Concen: 0.486 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD078337.D

Acq: 02 Feb 2024 20:12

Instrument :

MSVOA_D

ClientSampleId :

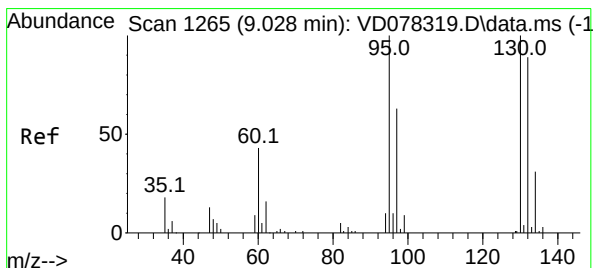
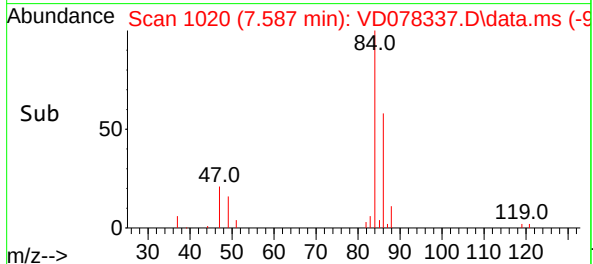
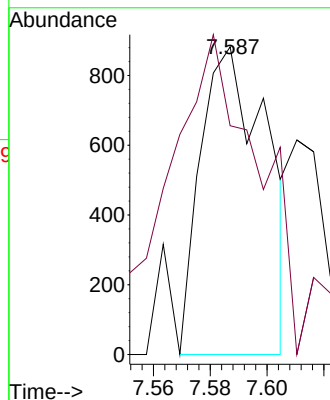
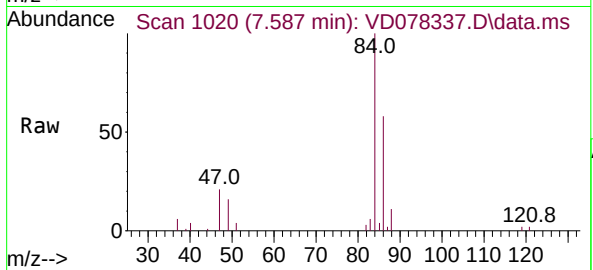
BH6W4

Tgt Ion: 83 Resp: 1426

Ion Ratio Lower Upper

83 100

85 74.4 44.9 83.3



#34

Trichloroethene

Concen: 1.927 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078337.D

Acq: 02 Feb 2024 20:12

Tgt Ion: 95 Resp: 2976

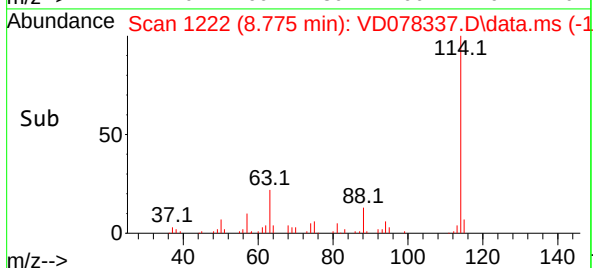
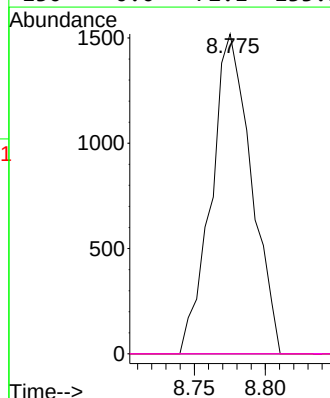
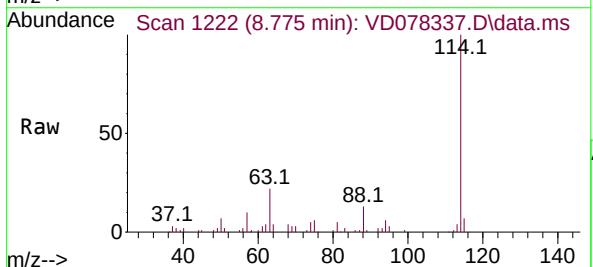
Ion Ratio Lower Upper

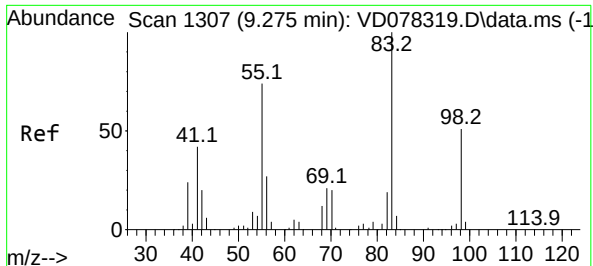
95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#





#35

Methylcyclohexane

Concen: 0.257 ug/L

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078337.D

Acq: 02 Feb 2024 20:12

Instrument :

MSVOA_D

ClientSampleId :

BH6W4

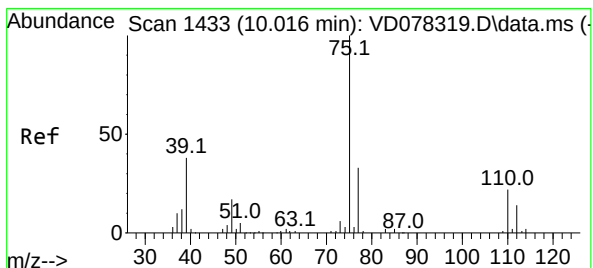
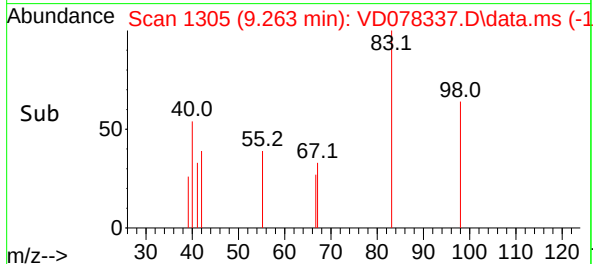
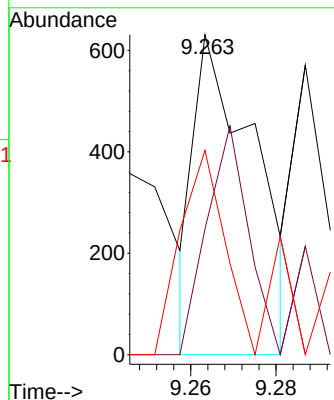
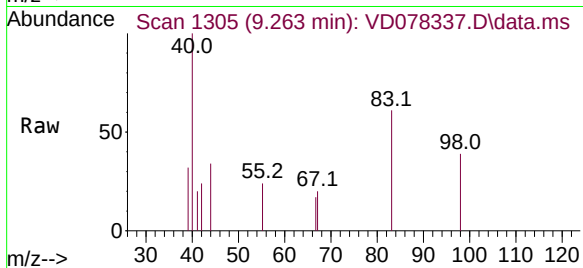
Tgt Ion: 83 Resp: 620

Ion Ratio Lower Upper

83 100

55 49.7 56.2 84.4#

98 47.1 41.2 61.8



#39

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD078337.D

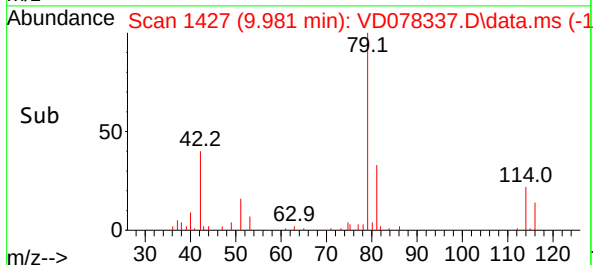
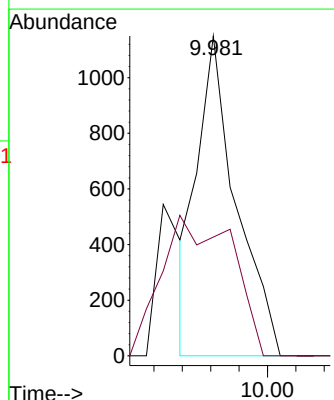
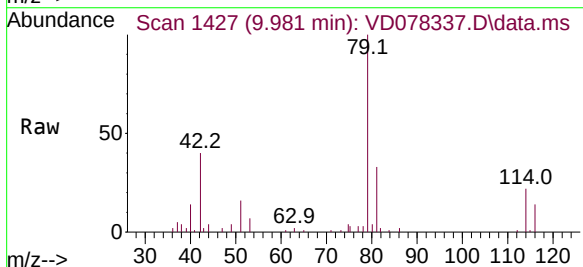
Acq: 02 Feb 2024 20:12

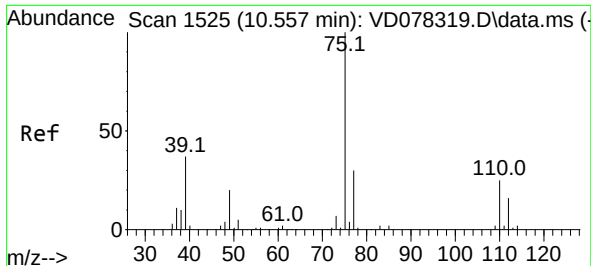
Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 37.1 22.3 41.5

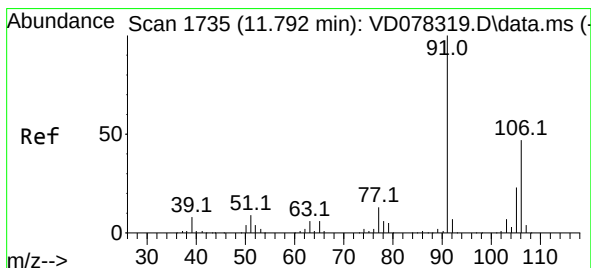
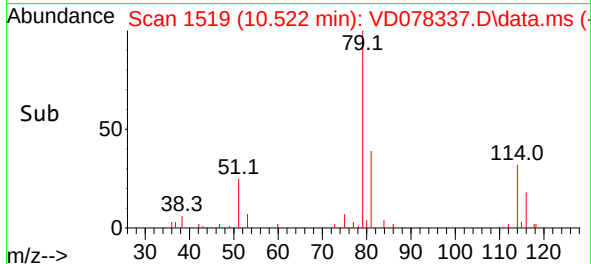
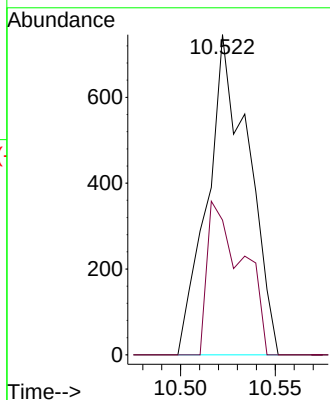
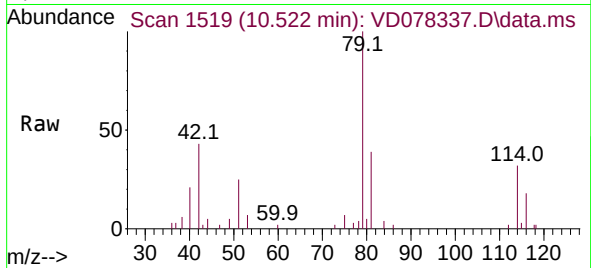




#44
trans-1,3-Dichloropropene
Concen: 0.512 ug/L
RT: 10.522 min Scan# 1124
Delta R.T. -0.035 min
Lab File: VD078337.D
Acq: 02 Feb 2024 20:12

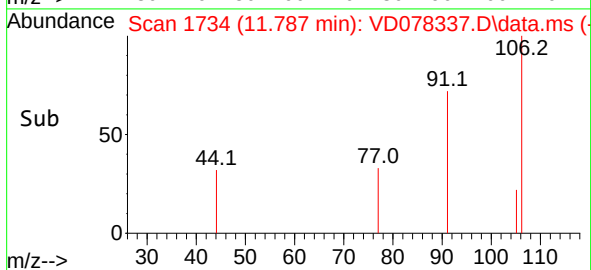
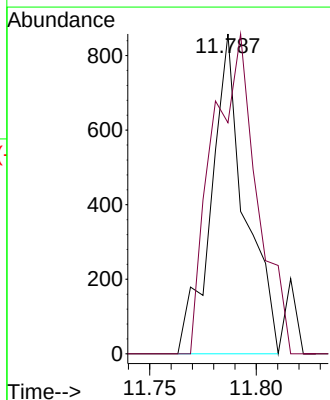
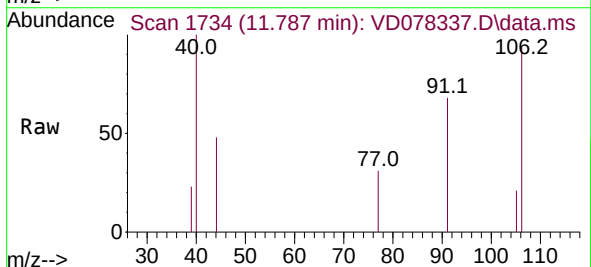
Instrument :
MSVOA_D
ClientSampleId :
BH6W4

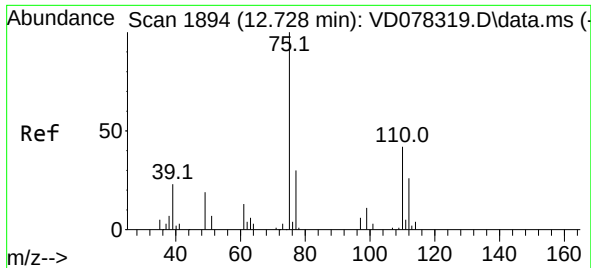
Tgt Ion: 75 Resp: 1124
Ion Ratio Lower Upper
75 100
77 42.1 20.7 38.5#



#53
m,p-Xylene
Concen: 0.361 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078337.D
Acq: 02 Feb 2024 20:12

Tgt Ion: 106 Resp: 947
Ion Ratio Lower Upper
106 100
91 72.3 138.3 256.8#

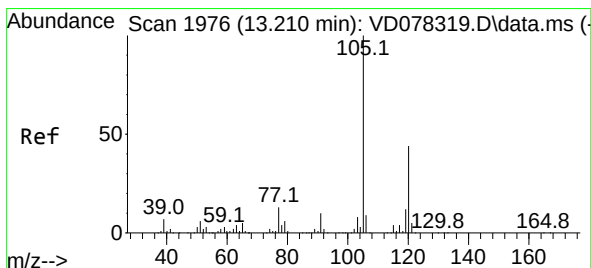
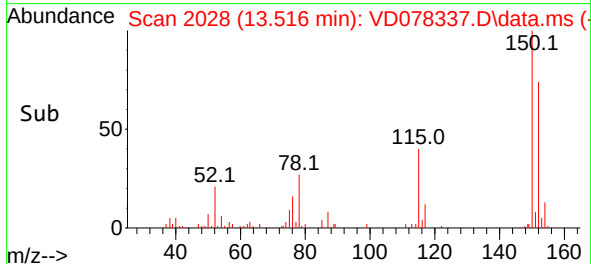
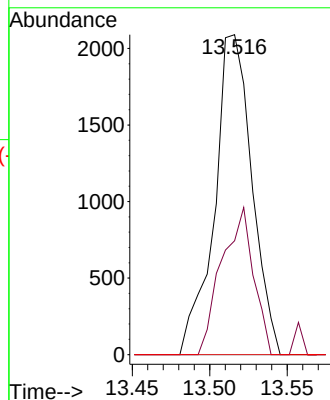
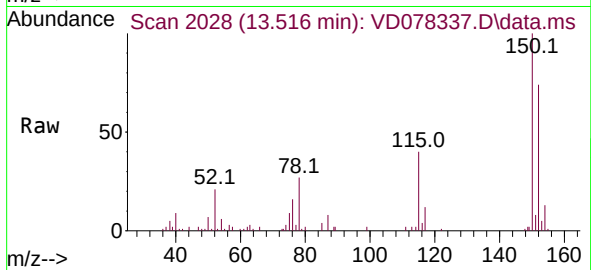




#61
1,2,3-Trichloropropane
Concen: 5.083 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD078337.D
Acq: 02 Feb 2024 20:12

Instrument :
MSVOA_D
ClientSampleId :
BH6W4

Tgt Ion: 75 Resp: 3517
Ion Ratio Lower Upper
75 100
77 39.1 26.5 39.7
110 0.0 31.8 47.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.321 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078337.D
Acq: 02 Feb 2024 20:12

Tgt Ion: 105 Resp: 1018
Ion Ratio Lower Upper
105 100
120 33.7 37.0 55.4#

