

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075817.D
 Acq On : 25 Apr 2023 17:55
 Operator : KP/SY
 Sample : 02419-05RE
 Misc : 4.71G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

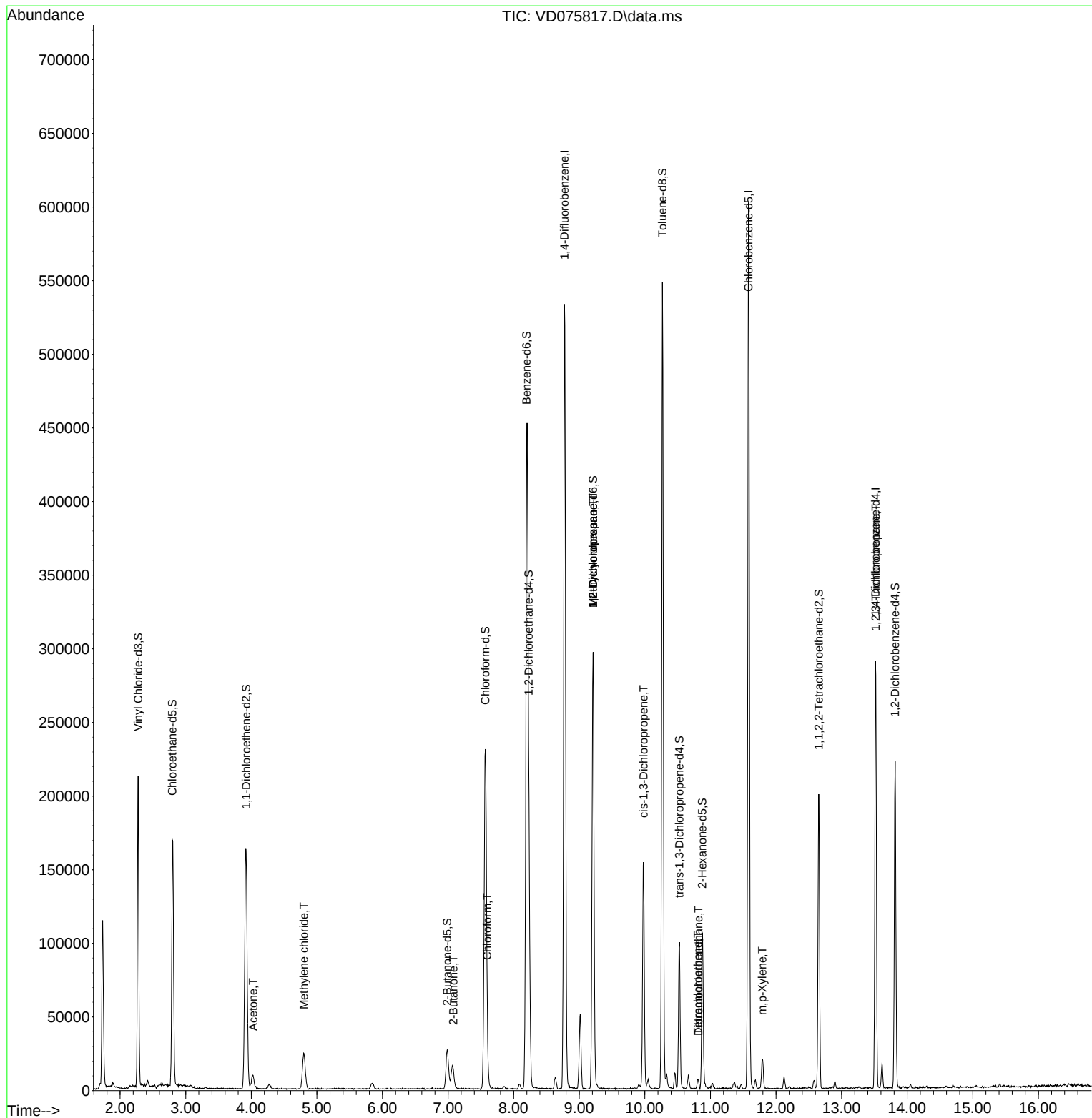
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	517265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	389739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	88211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	199552	17.586	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.360%		
7) Chloroethane-d5	2.799	69	187395	19.113	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.440%		
11) 1,1-Dichloroethene-d2	3.922	65	44842	17.141	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.560%		
21) 2-Butanone-d5	6.987	46	44071	44.738	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.480%		
24) Chloroform-d	7.569	84	256088	19.798	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.200%		
26) 1,2-Dichloroethane-d4	8.228	65	120806	21.870	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.480%		
32) Benzene-d6	8.199	84	519054	22.850	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.400%		
36) 1,2-Dichloropropane-d6	9.210	67	160179	25.476	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.920%		
41) Toluene-d8	10.269	98	399094	18.766	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.080%		
43) trans-1,3-Dichloroprop...	10.528	79	58756	22.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.440%		
47) 2-Hexanone-d5	10.875	63	38581	50.962	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.920%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102893	21.386	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.560%		
66) 1,2-Dichlorobenzene-d4	13.816	152	66222	21.224	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.880%		
Target Compounds						Qvalue
13) Acetone	4.028	43	14691	17.427	ug/L	60
16) Methylene chloride	4.805	84	22039	2.100	ug/L	97
22) 2-Butanone	7.081	43	2017	1.835	ug/L	75
25) Chloroform	7.599	83	13632	1.089	ug/L	86
35) Methylcyclohexane	9.210	83	39825	4.237	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	15080	2.785	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3978	0.462	ug/L #	81
46) Tetrachloroethene	10.810	164	1659	0.332	ug/L	87
49) Dibromochloromethane	10.816	129	1548	0.309	ug/L #	10
53) m,p-Xylene	11.793	106	6293	0.604	ug/L	82
61) 1,2,3-Trichloropropane	13.522	75	10338	7.460	ug/L #	59

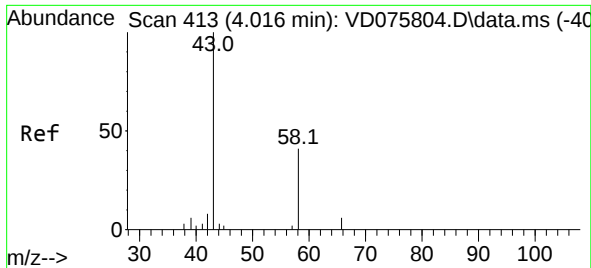
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Apr 26 02:39:47 2023
Response via : Initial Calibration





#13

Acetone

Concen: 17.427 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075817.D

Acq: 25 Apr 2023 17:55

Instrument :

MSVOA_D

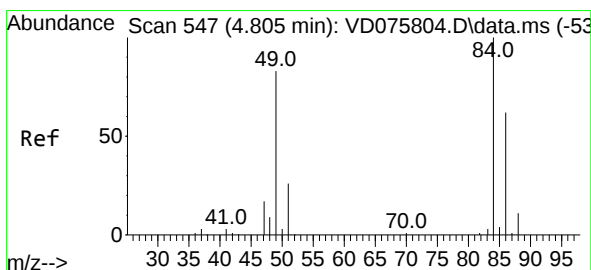
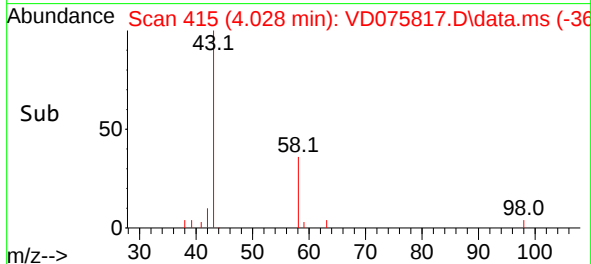
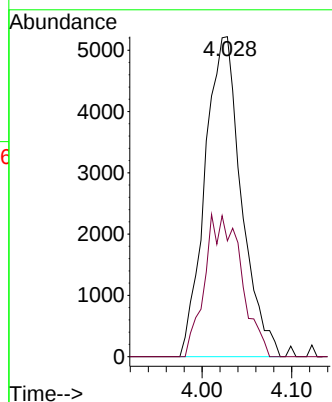
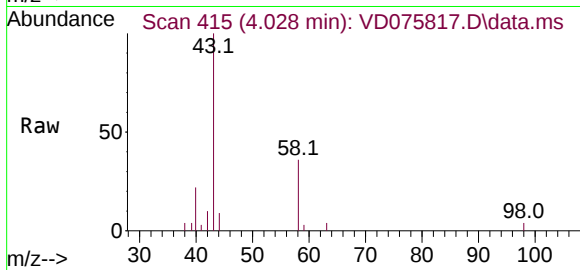
ClientSampleId :

Tgt Ion: 43 Resp: 14691

Ion Ratio Lower Upper

43 100

58 17.6 0.0 87.4



#16

Methylene chloride

Concen: 2.100 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD075817.D

Acq: 25 Apr 2023 17:55

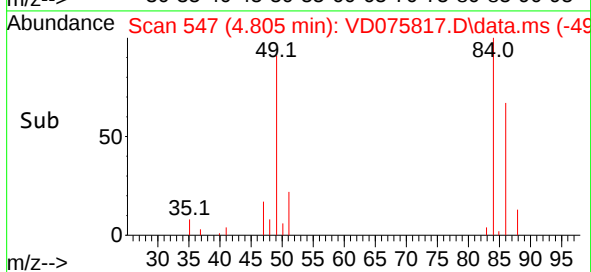
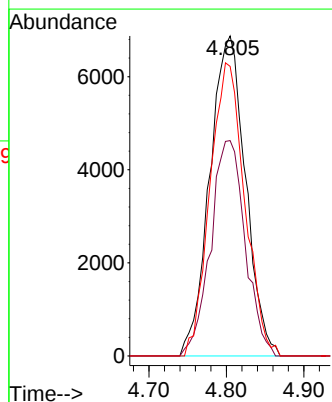
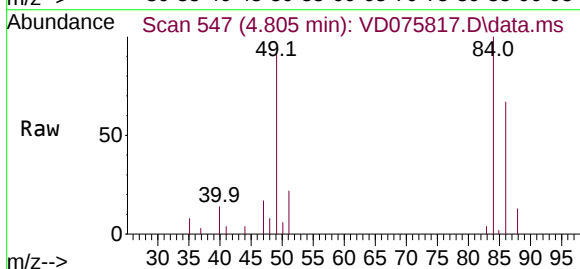
Tgt Ion: 84 Resp: 22039

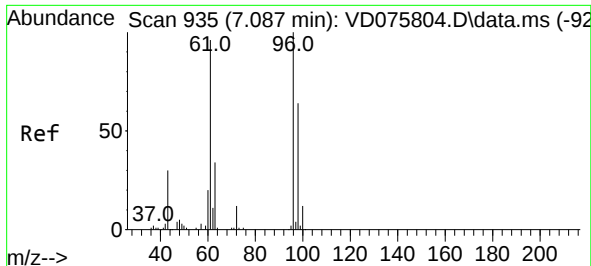
Ion Ratio Lower Upper

84 100

86 67.3 45.8 85.2

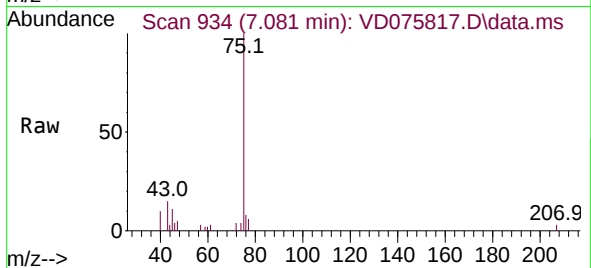
49 90.5 60.8 112.8



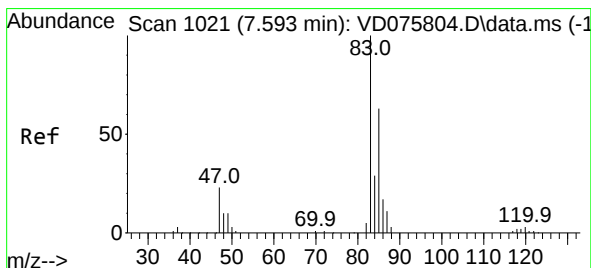
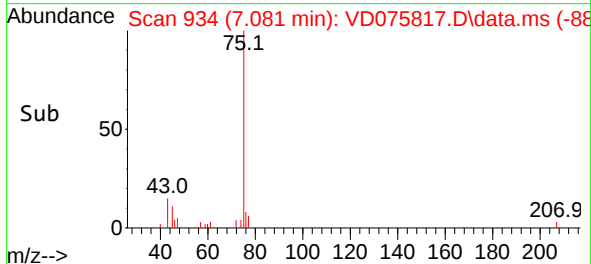
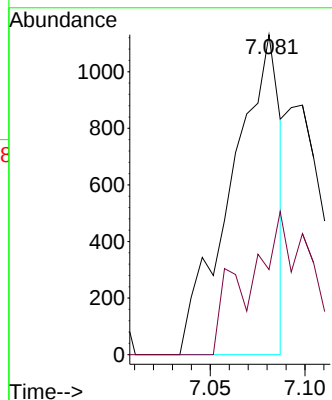


#22
2-Butanone
Concen: 1.835 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075817.D
Acq: 25 Apr 2023 17:55

Instrument :
MSVOA_D
ClientSampleId :

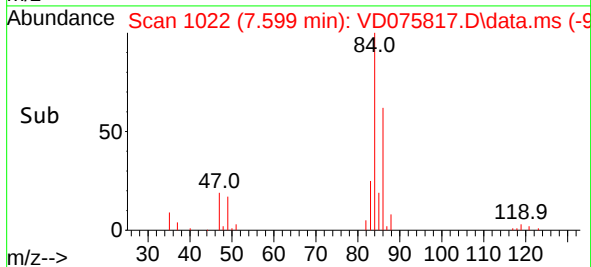
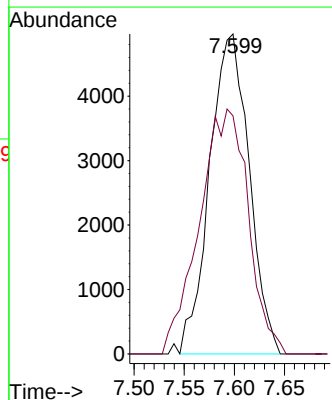
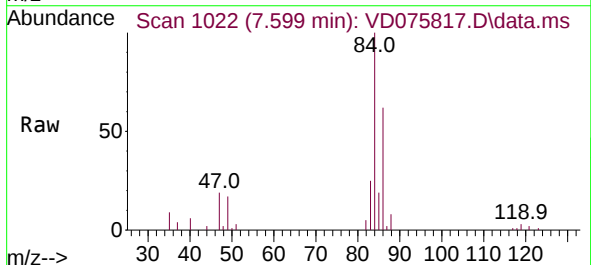


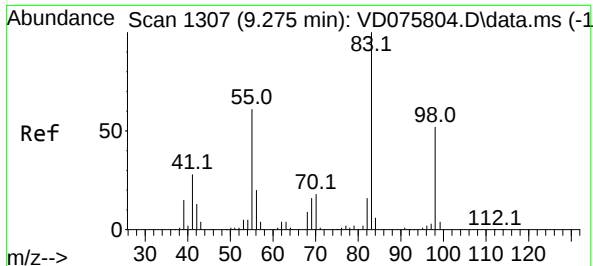
Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
72 25.4 20.5 61.5



#25
Chloroform
Concen: 1.089 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075817.D
Acq: 25 Apr 2023 17:55

Tgt Ion: 83 Resp: 13632
Ion Ratio Lower Upper
83 100
85 74.4 44.4 82.5





#35

Methylcyclohexane

Concen: 4.237 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075817.D

Acq: 25 Apr 2023 17:55

Instrument :

MSVOA_D

ClientSampleId :

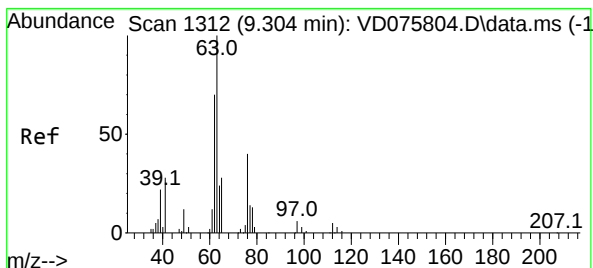
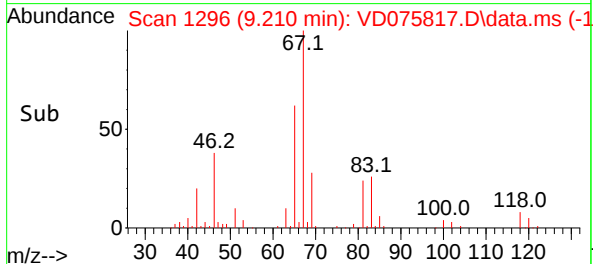
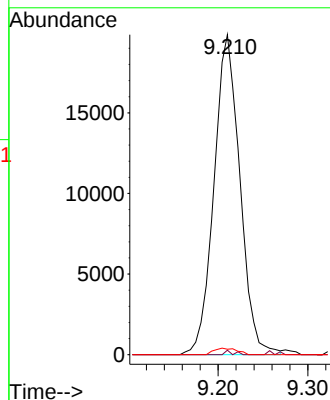
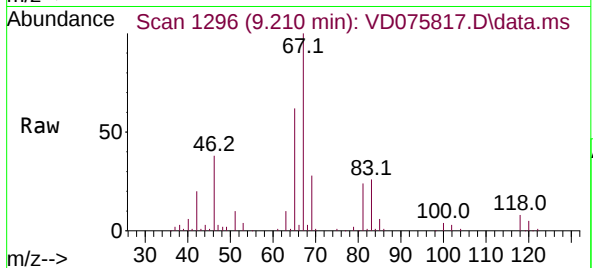
Tgt Ion: 83 Resp: 39825

Ion Ratio Lower Upper

83 100

55 0.2 48.2 72.2#

98 1.8 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.785 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075817.D

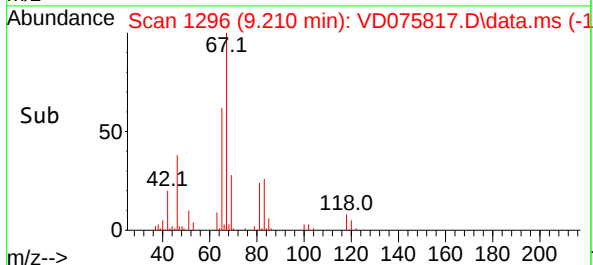
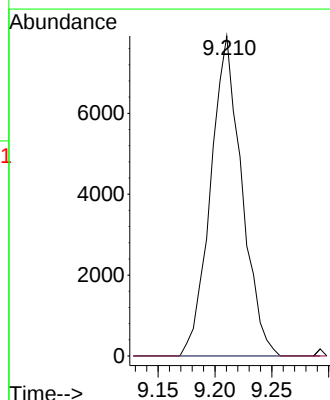
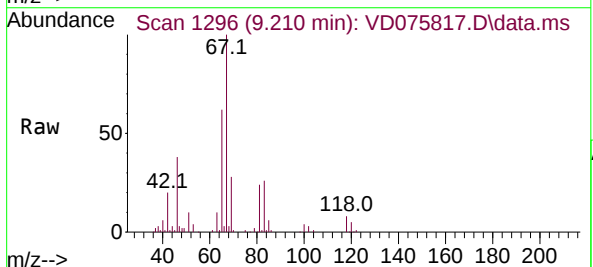
Acq: 25 Apr 2023 17:55

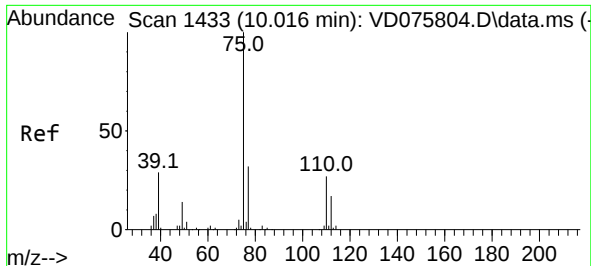
Tgt Ion: 63 Resp: 15080

Ion Ratio Lower Upper

63 100

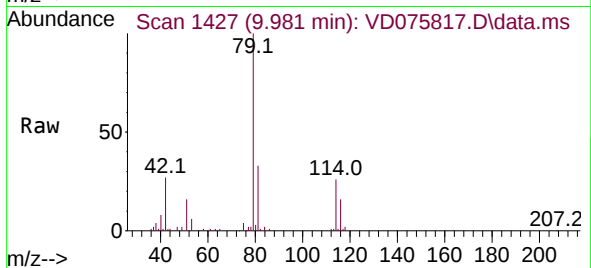
112 0.0 4.0 6.0#



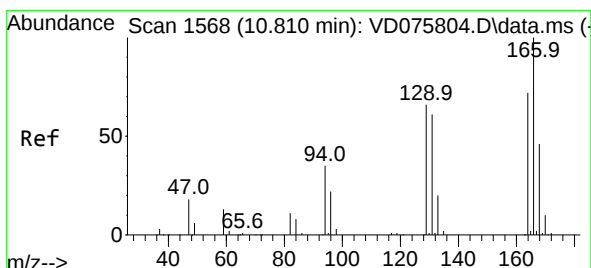
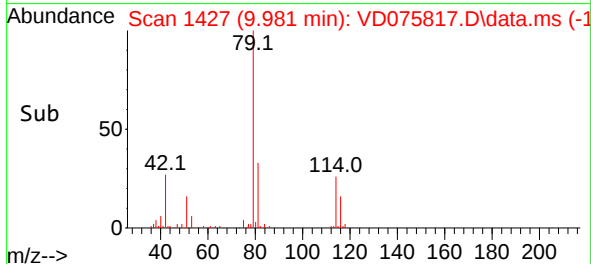
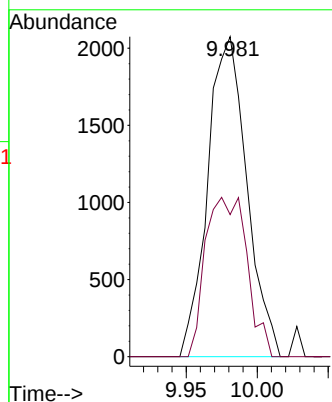


#39
cis-1,3-Dichloropropene
Concen: 0.462 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD075817.D
Acq: 25 Apr 2023 17:55

Instrument :
MSVOA_D
ClientSampleId :

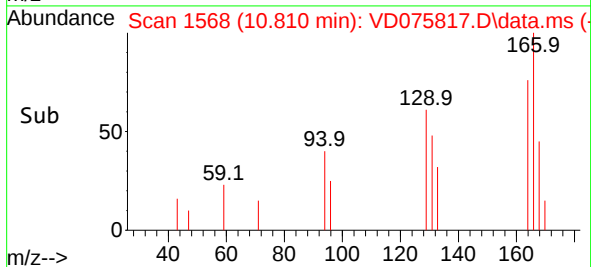
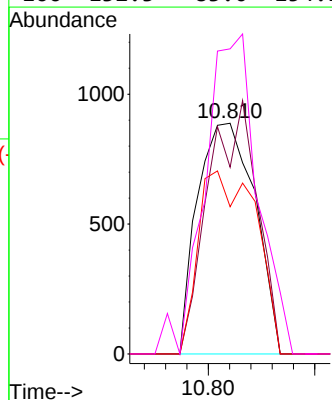
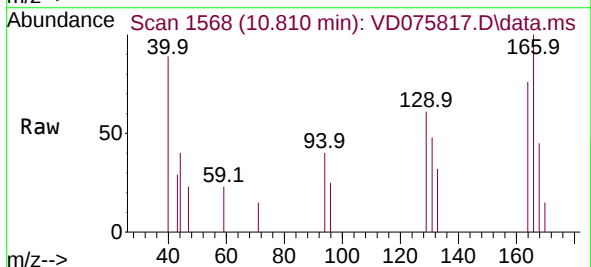


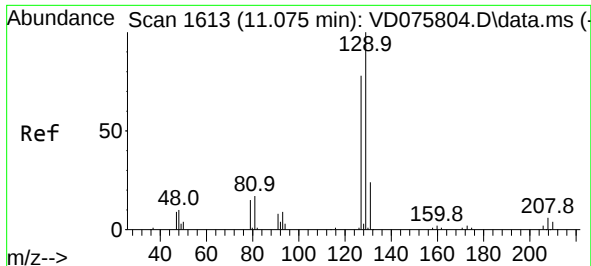
Tgt Ion: 75 Resp: 3978
Ion Ratio Lower Upper
75 100
77 44.4 23.4 43.6#



#46
Tetrachloroethene
Concen: 0.332 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075817.D
Acq: 25 Apr 2023 17:55

Tgt Ion: 164 Resp: 1659
Ion Ratio Lower Upper
164 100
129 81.0 60.3 112.1
131 63.9 58.9 109.3
166 132.3 83.0 154.1





#49

Dibromochloromethane

Concen: 0.309 ug/L

RT: 10.816 min Scan# 11

Delta R.T. -0.259 min

Lab File: VD075817.D

Acq: 25 Apr 2023 17:55

Instrument :

MSVOA_D

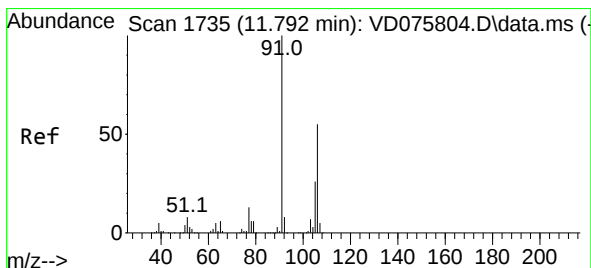
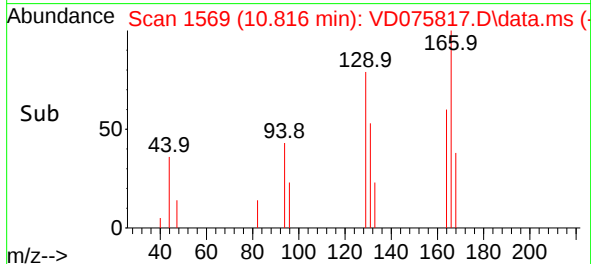
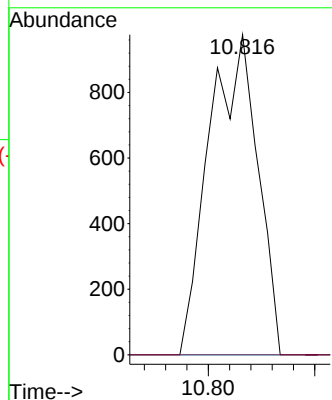
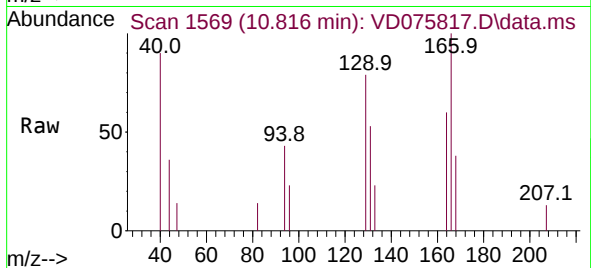
ClientSampleId :

Tgt Ion:129 Resp: 1548

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#53

m,p-Xylene

Concen: 0.604 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075817.D

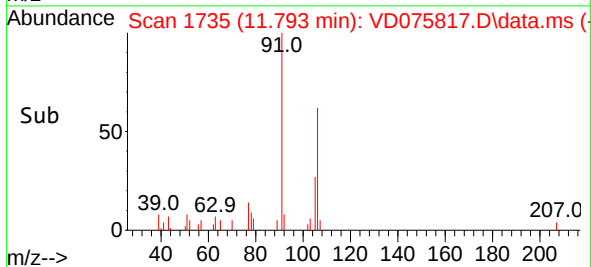
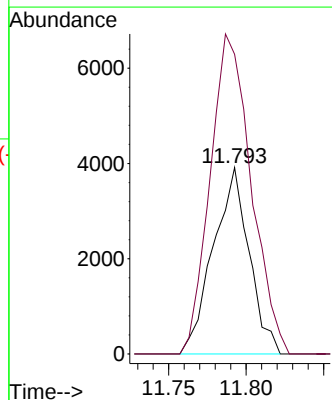
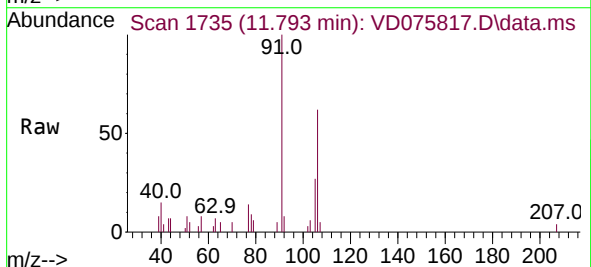
Acq: 25 Apr 2023 17:55

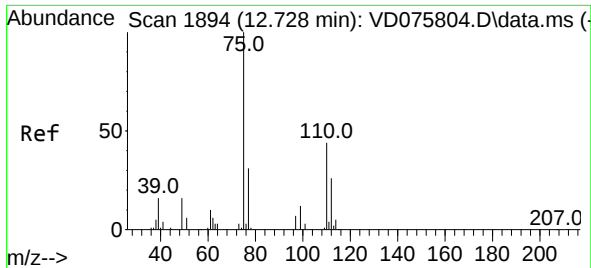
Tgt Ion:106 Resp: 6293

Ion Ratio Lower Upper

106 100

91 160.7 130.9 243.1





#61

1,2,3-Trichloropropane

Concen: 7.460 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

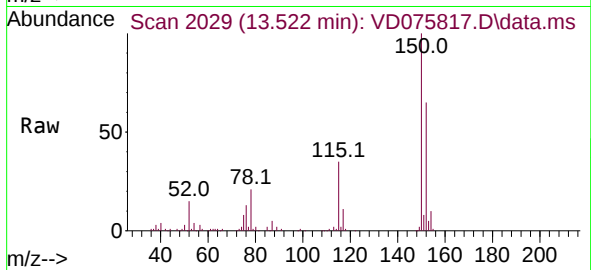
Lab File: VD075817.D

Acq: 25 Apr 2023 17:55

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 10338

Ion Ratio Lower Upper

75 100

77 27.2 26.6 39.8

110 1.2 33.5 50.3#

