

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
 Data File : VD075542.D
 Acq On : 30 Mar 2023 11:42
 Operator : KP/SY
 Sample : VD0330SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 01:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 01:28:39 2023
 Response via : Initial Calibration

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

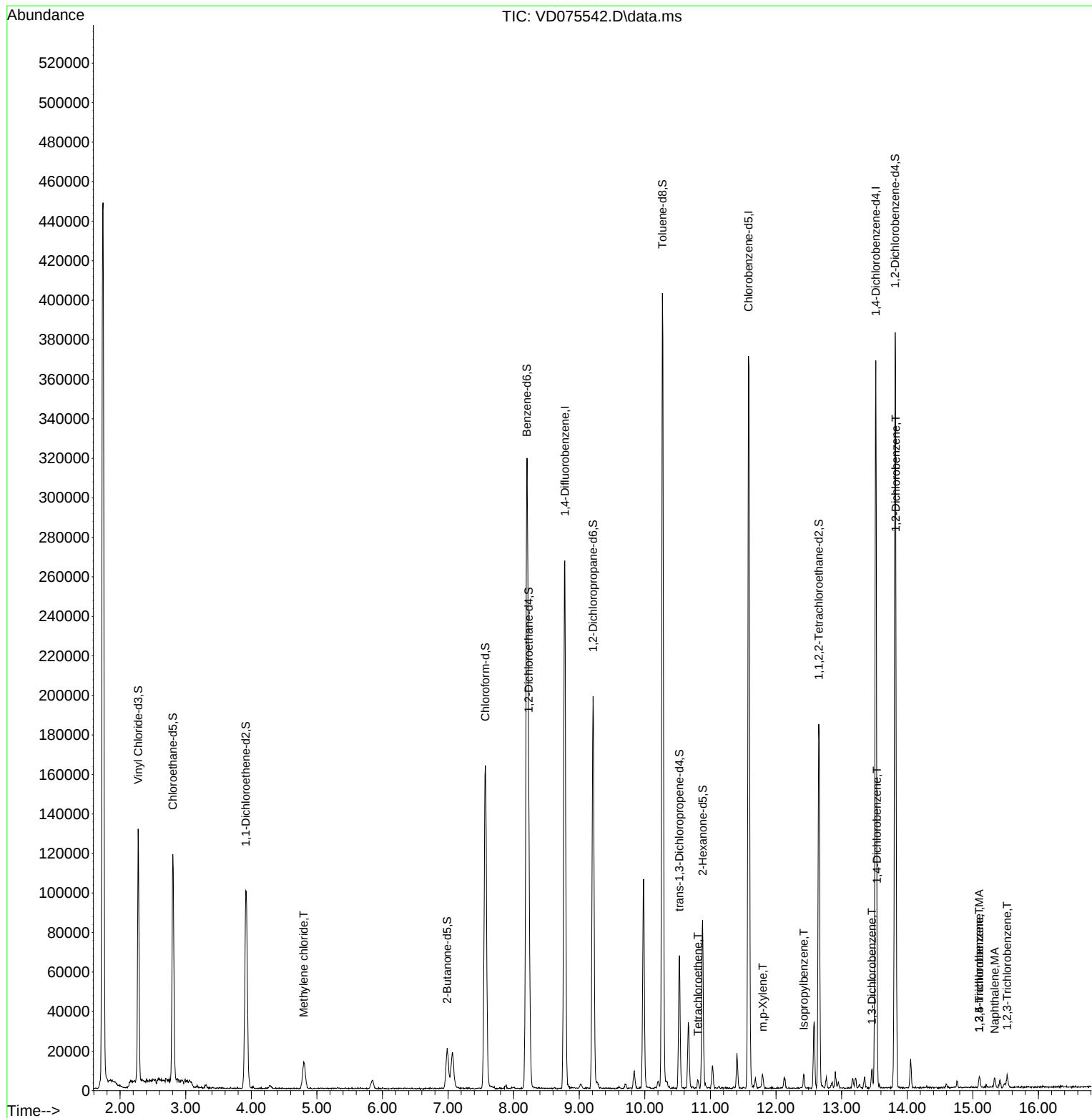
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	263106	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	238034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	105731	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120454	18.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.805	69	130294	23.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	3.916	63	88639	14.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.120%
21) 2-Butanone-d5	6.987	46	33596	55.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.980%
24) Chloroform-d	7.569	84	182752	26.504	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	8.228	65	78255	26.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	8.198	84	336258	23.787	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	9.210	67	103885	26.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.000%
41) Toluene-d8	10.269	98	302681	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	10.528	79	40226	24.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.560%
47) 2-Hexanone-d5	10.881	63	32508	56.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96447	28.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	108425	29.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.280%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	12139	2.185	ug/L	93
46) Tetrachloroethene	10.810	164	1083	0.316	ug/L #	77
53) m,p-Xylene	11.798	106	2731	0.348	ug/L #	52
60) Isopropylbenzene	12.422	105	4610	0.259	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	3077	0.391	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	3751	0.464	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	3039	0.434	ug/L #	78
69) 1,3,5-Trichlorobenzene	15.098	180	2463	0.499	ug/L	90
70) 1,2,4-trichlorobenzene	15.098	180	2463	0.621	ug/L	92
71) Naphthalene	15.333	128	5394	0.686	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	2830	0.810	ug/L #	80

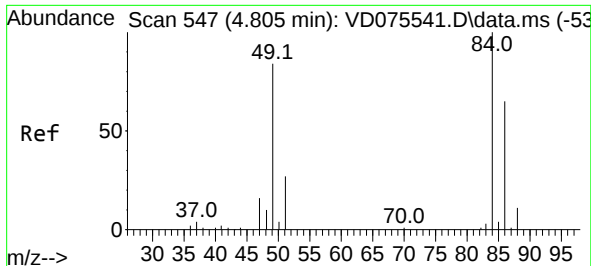
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 31 01:29:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 31 01:28:39 2023
Response via : Initial Calibration

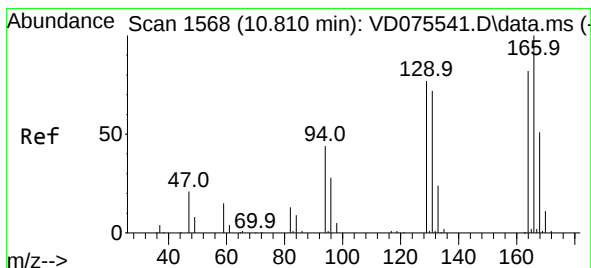
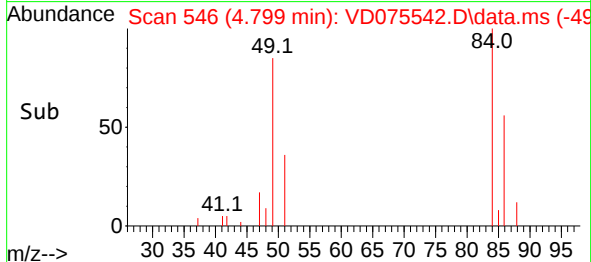
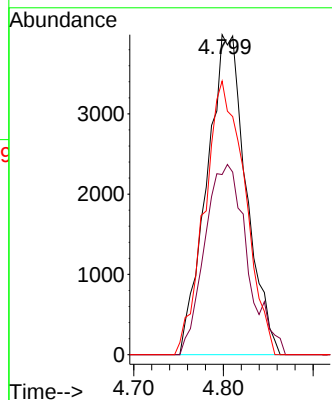
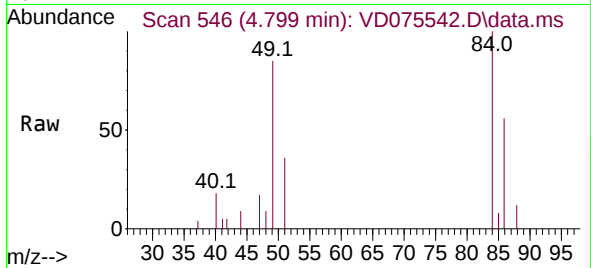




#16
Methylene chloride
Concen: 2.185 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

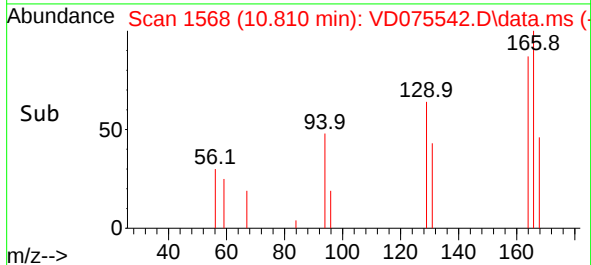
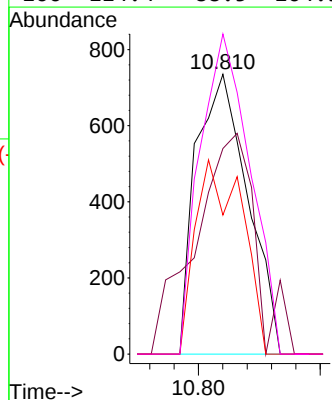
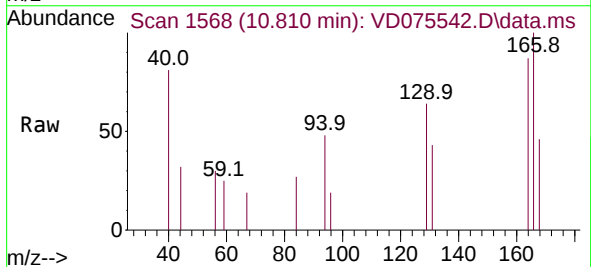
Instrument :
MSVOA_D
ClientSampleId :

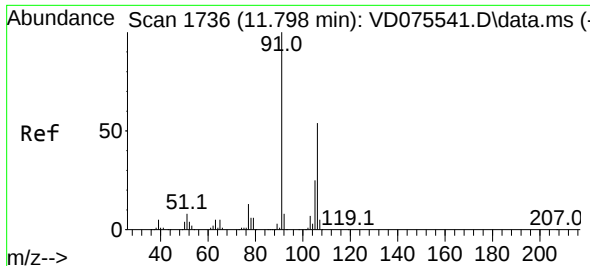
Tgt Ion: 84 Resp: 12139
Ion Ratio Lower Upper
84 100
86 56.3 44.2 82.2
49 85.5 63.6 118.2



#46
Tetrachloroethene
Concen: 0.316 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

Tgt Ion:164 Resp: 1083
Ion Ratio Lower Upper
164 100
129 73.5 65.4 121.4
131 49.7 64.1 119.1#
166 114.4 88.5 164.3

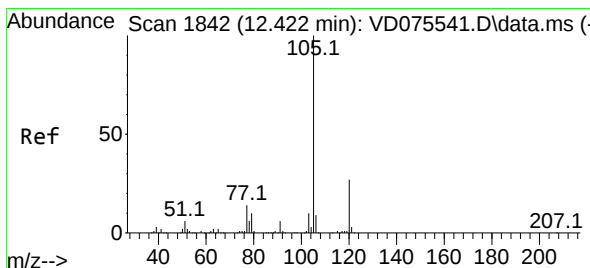
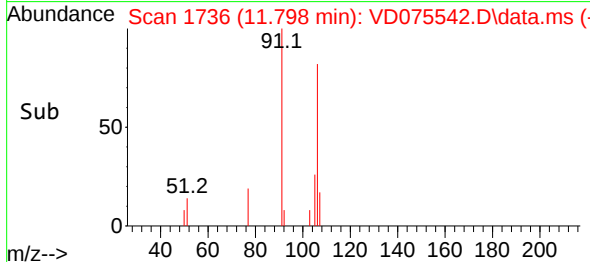
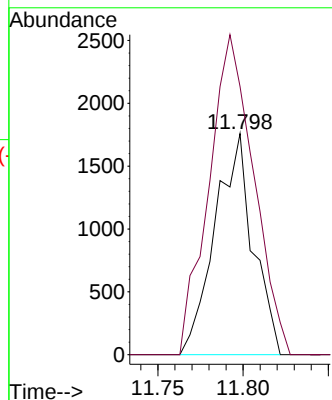
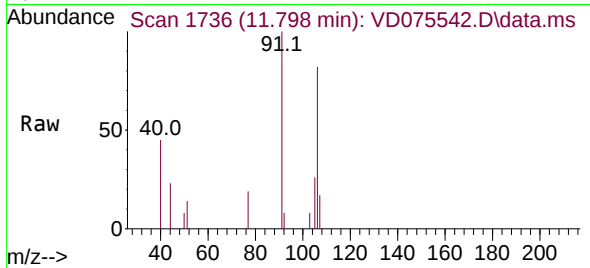




#53
m,p-Xylene
Concen: 0.348 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

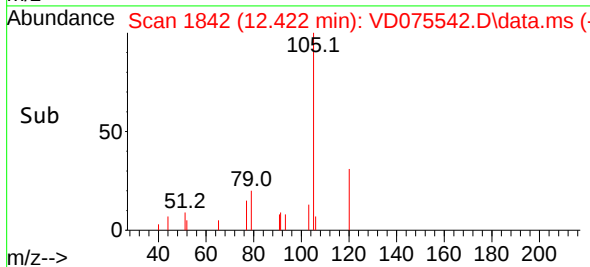
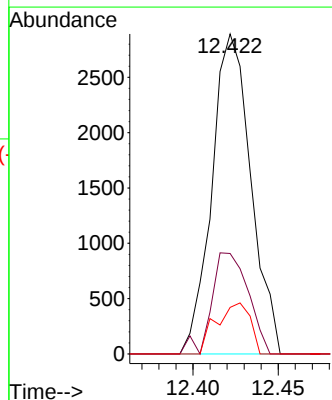
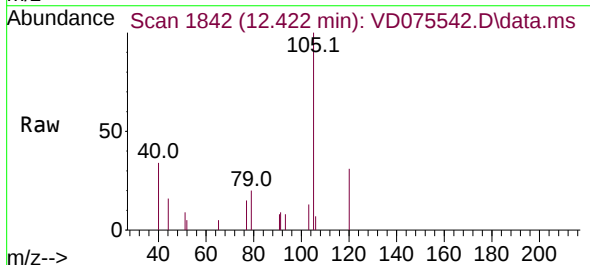
Instrument :
MSVOA_D
ClientSampleId :

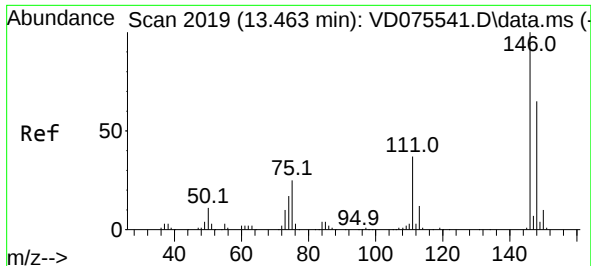
Tgt Ion:106 Resp: 2731
Ion Ratio Lower Upper
106 100
91 121.3 134.1 249.1#



#60
Isopropylbenzene
Concen: 0.259 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

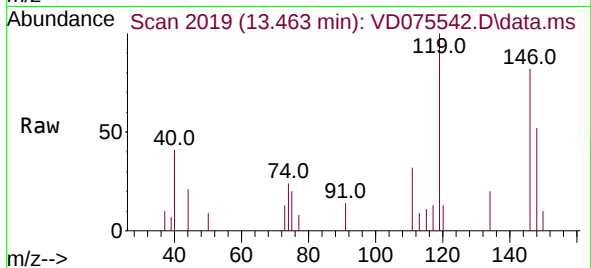
Tgt Ion:105 Resp: 4610
Ion Ratio Lower Upper
105 100
120 28.4 21.8 32.6
77 13.8 11.3 16.9



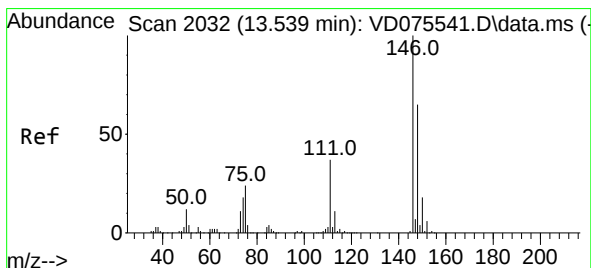
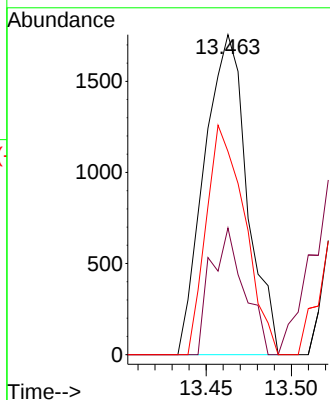
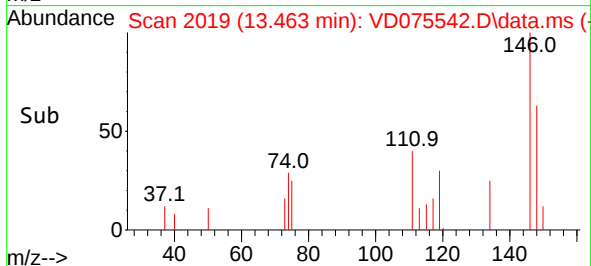


#64
1,3-Dichlorobenzene
Concen: 0.391 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

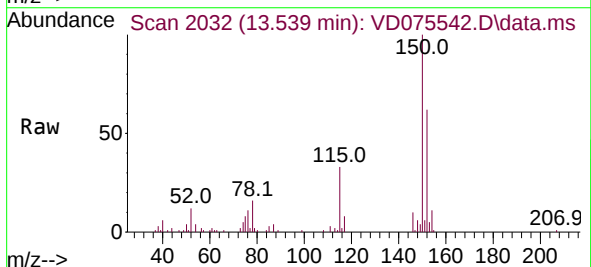
Instrument :
MSVOA_D
ClientSampleId :



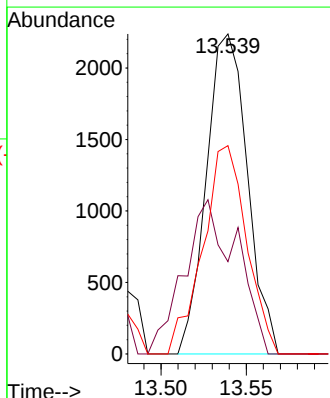
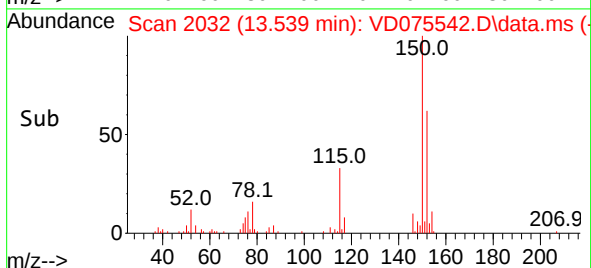
Tgt Ion:146 Resp: 3077
Ion Ratio Lower Upper
146 100
111 39.6 26.0 48.2
148 63.5 42.4 78.6

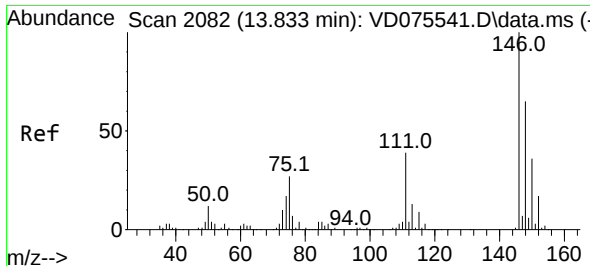


#65
1,4-Dichlorobenzene
Concen: 0.464 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42



Tgt Ion:146 Resp: 3751
Ion Ratio Lower Upper
146 100
111 28.9 24.8 46.1
148 65.1 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 0.434 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD075542.D

Acq: 30 Mar 2023 11:42

Instrument :

MSVOA_D

ClientSampleId :

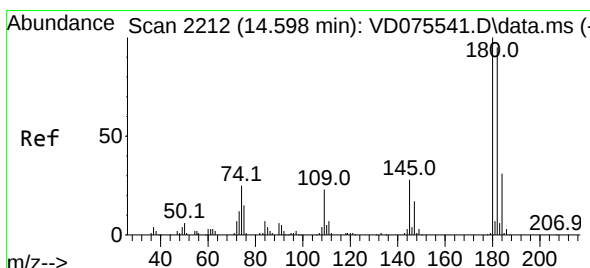
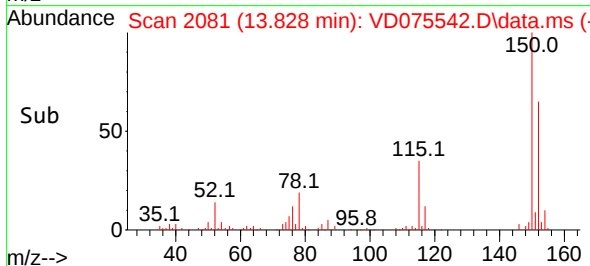
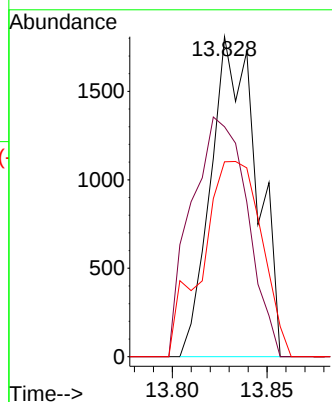
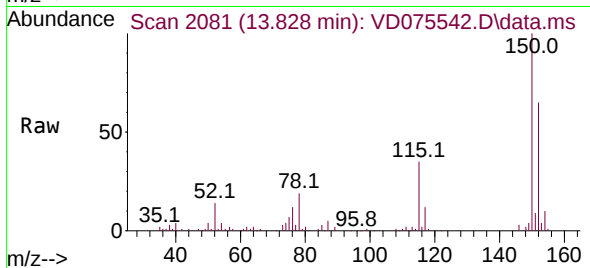
Tgt Ion:146 Resp: 3039

Ion Ratio Lower Upper

146 100

111 71.9 31.0 46.6#

148 60.9 50.4 75.6



#69

1,3,5-Trichlorobenzene

Concen: 0.499 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.500 min

Lab File: VD075542.D

Acq: 30 Mar 2023 11:42

Tgt Ion:180 Resp: 2463

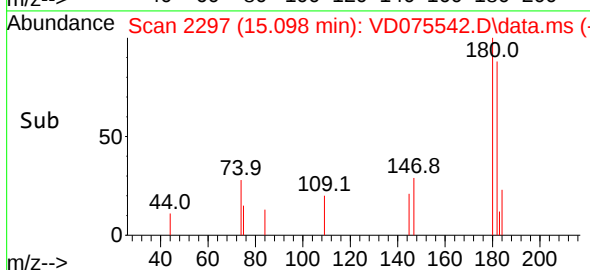
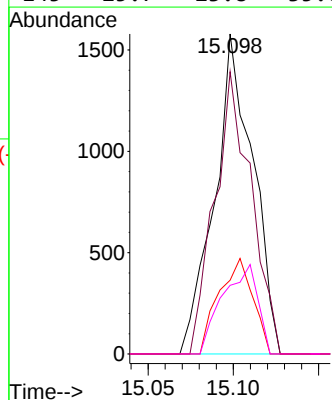
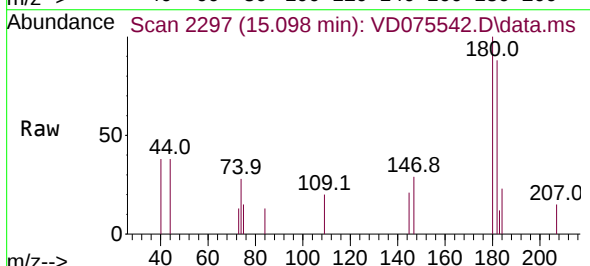
Ion Ratio Lower Upper

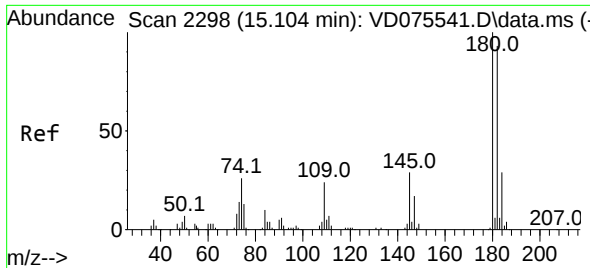
180 100

182 84.3 76.5 114.7

184 26.7 23.6 35.4

145 25.7 23.8 35.6

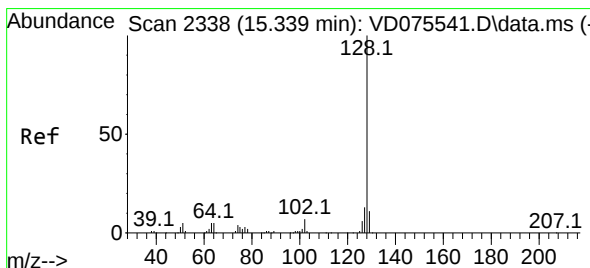
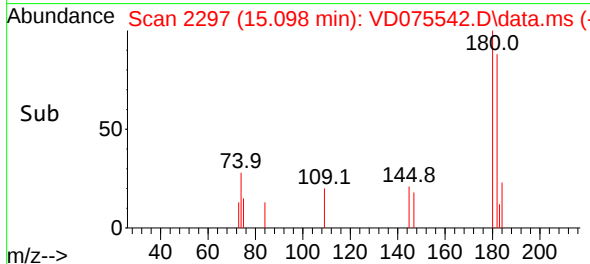
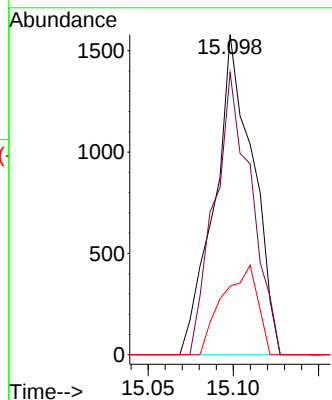
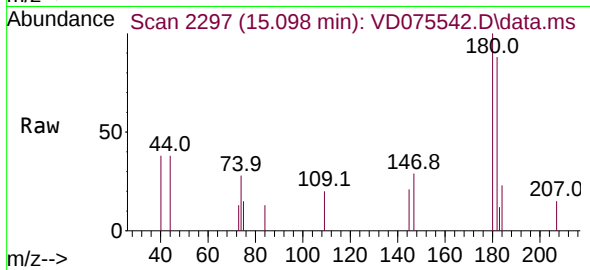




#70
1,2,4-trichlorobenzene
Concen: 0.621 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

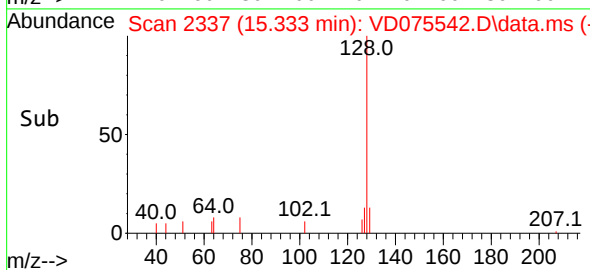
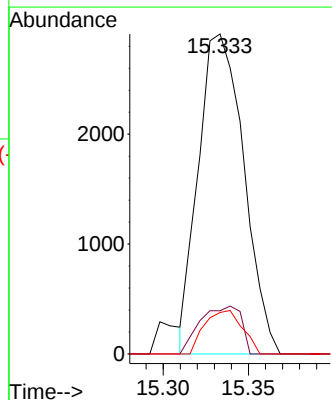
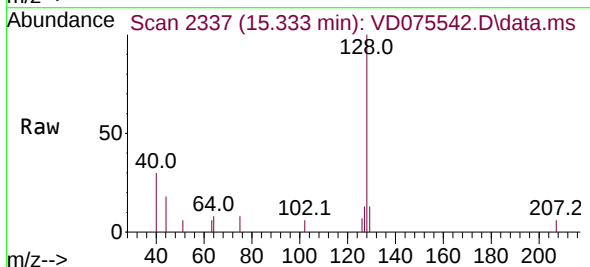
Instrument :
MSVOA_D
ClientSampleId :

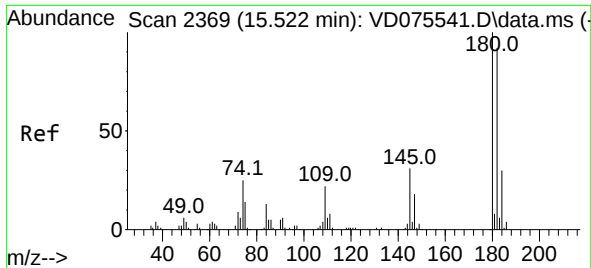
Tgt Ion:180 Resp: 2463
Ion Ratio Lower Upper
180 100
182 84.3 74.3 111.5
145 25.7 23.0 34.6



#71
Naphthalene
Concen: 0.686 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075542.D
Acq: 30 Mar 2023 11:42

Tgt Ion:128 Resp: 5394
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 11.4 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.810 ug/L

RT: 15.522 min Scan# 21

Delta R.T. -0.000 min

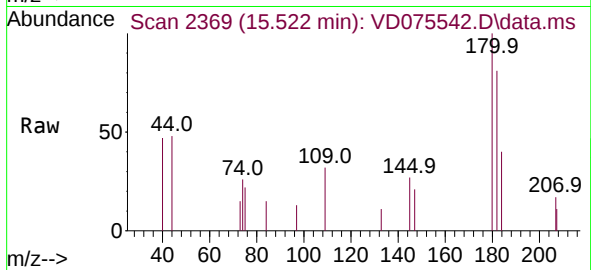
Lab File: VD075542.D

Acq: 30 Mar 2023 11:42

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 2830

Ion Ratio Lower Upper

180 100

182 74.2 75.3 112.9#

145 21.3 25.1 37.7#

