

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075763.D
 Acq On : 20 Apr 2023 12:59
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK105

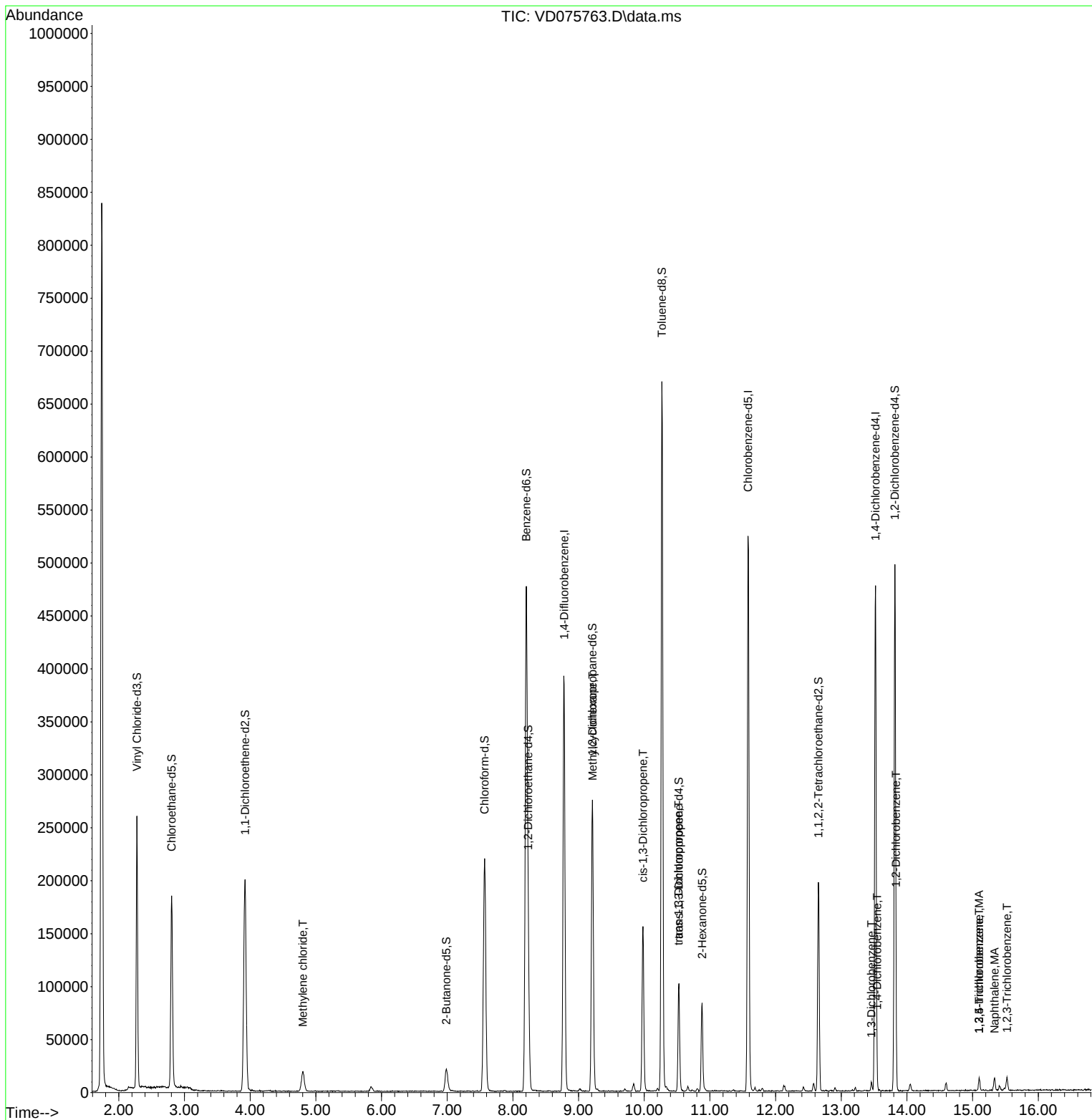
Quant Time: Apr 21 06:03:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:54:09 2023
 Response via : Initial Calibration

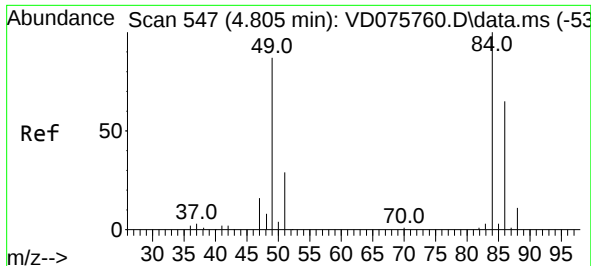
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	389366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	345350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	237203	27.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.080%
7) Chloroethane-d5	2.805	69	201368	27.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.120%
11) 1,1-Dichloroethene-d2	3.922	65	55335	28.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.400%#
21) 2-Butanone-d5	6.987	46	36368	49.045	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.080%
24) Chloroform-d	7.569	84	243767	25.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	8.234	65	108258	26.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.160%
32) Benzene-d6	8.205	84	545834	27.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.480%
36) 1,2-Dichloropropane-d6	9.210	67	149121	26.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.080%
41) Toluene-d8	10.269	98	506696	26.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.560%
43) trans-1,3-Dichloroprop...	10.528	79	60998	26.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.881	63	31988	47.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106325	24.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	141377	28.063	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.240%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	17180	2.175	ug/L	87
35) Methylcyclohexane	9.216	83	36114	4.336	ug/L #	24
39) cis-1,3-Dichloropropene	9.981	75	4544	0.595	ug/L	98
44) trans-1,3-Dichloropropene	10.522	75	3495	0.570	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	3696	0.409	ug/L	89
65) 1,4-Dichlorobenzene	13.545	146	4751	0.501	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	3742	0.464	ug/L #	87
69) 1,3,5-Trichlorobenzene	15.098	180	4284	0.707	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	4284	0.854	ug/L	97
71) Naphthalene	15.334	128	11516	1.254	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.522	180	5530	1.234	ug/L	90

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

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Response via : Initial Calibration

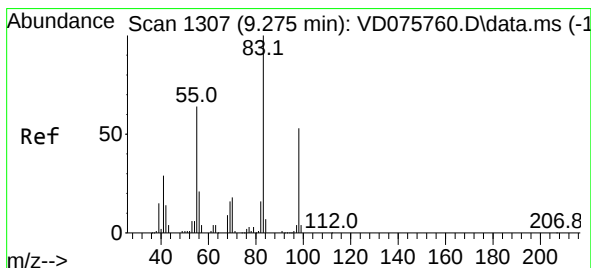
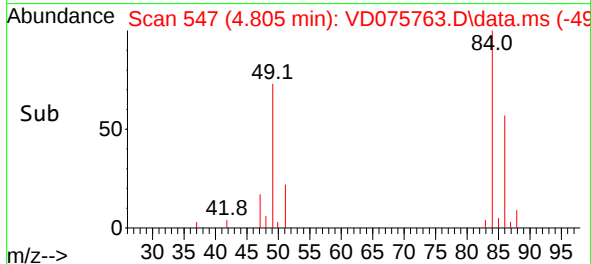
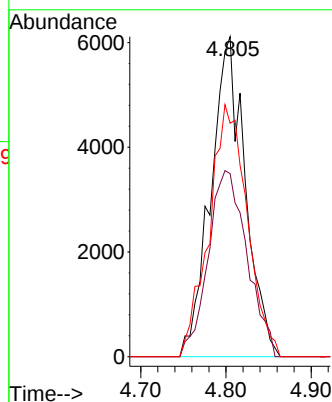
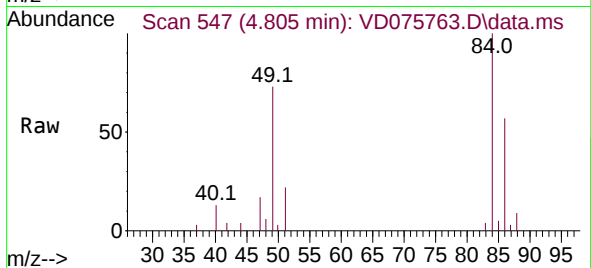




#16
Methylene chloride
Concen: 2.175 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075763.D
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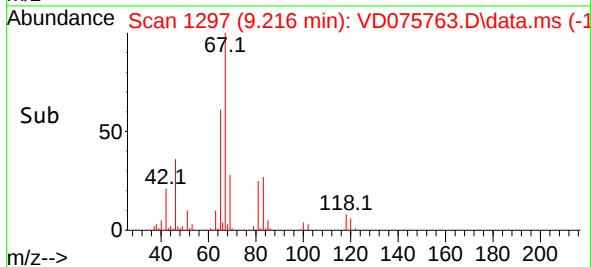
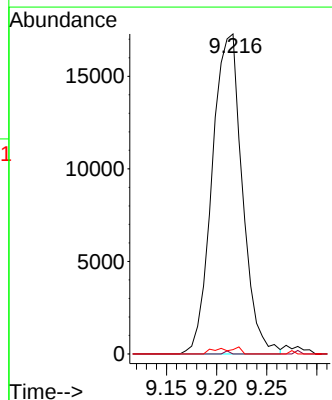
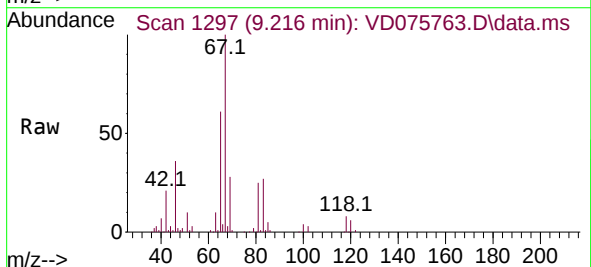
Instrument :
MSVOA_D
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VIBLK105

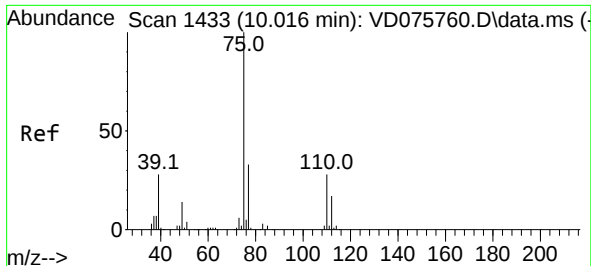
Tgt Ion: 84 Resp: 17180
Ion Ratio Lower Upper
84 100
86 57.2 45.8 85.2
49 73.0 60.8 112.8



#35
Methylcyclohexane
Concen: 4.336 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

Tgt Ion: 83 Resp: 36114
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 0.6 40.8 61.2#





#39

cis-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075763.D

Acq: 20 Apr 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

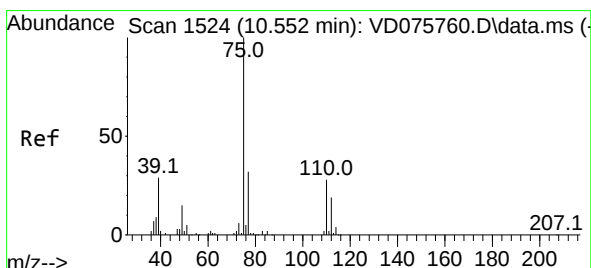
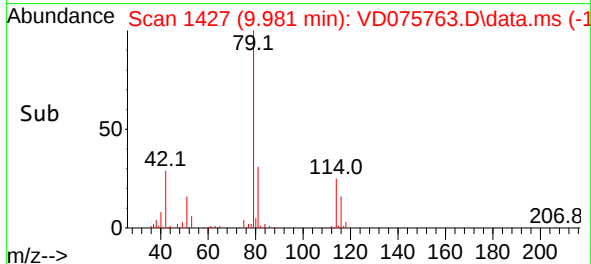
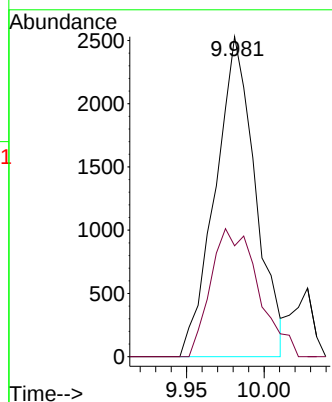
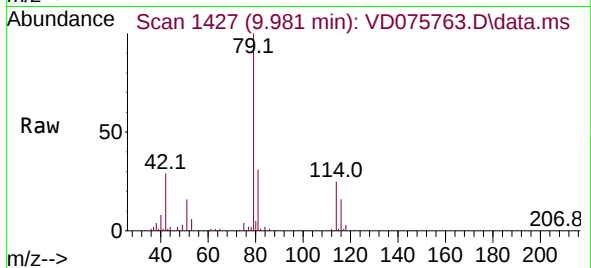
VIBLK105

Tgt Ion: 75 Resp: 4544

Ion Ratio Lower Upper

75 100

77 34.7 23.4 43.6



#44

trans-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD075763.D

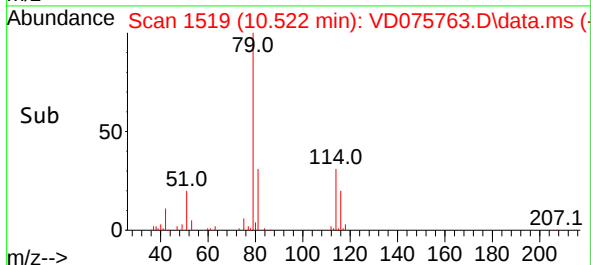
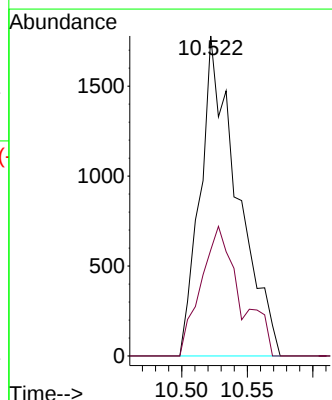
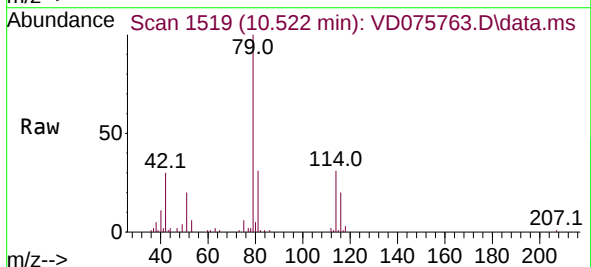
Acq: 20 Apr 2023 12:59

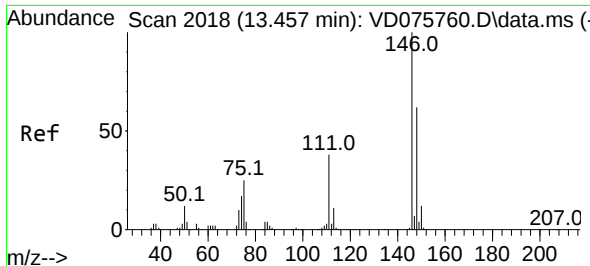
Tgt Ion: 75 Resp: 3495

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0

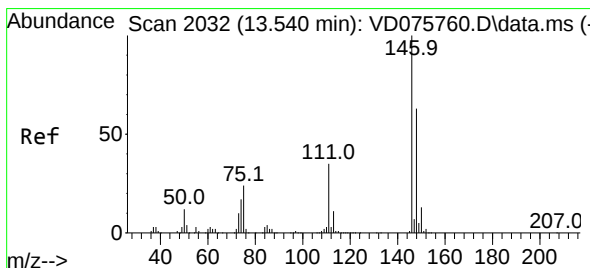
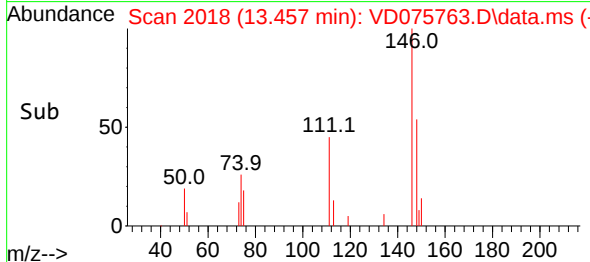
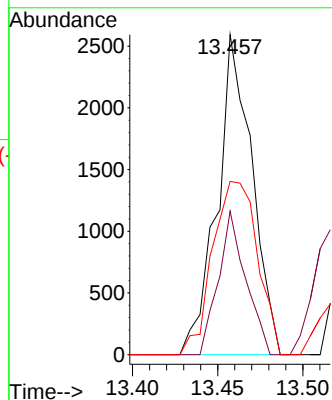
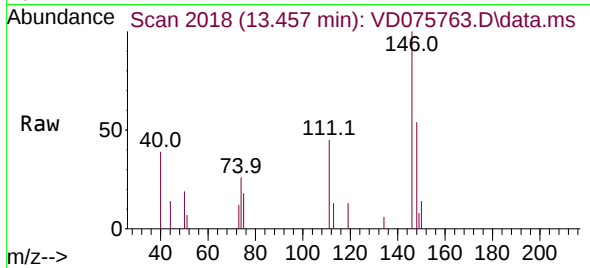




#64
1,3-Dichlorobenzene
Concen: 0.409 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

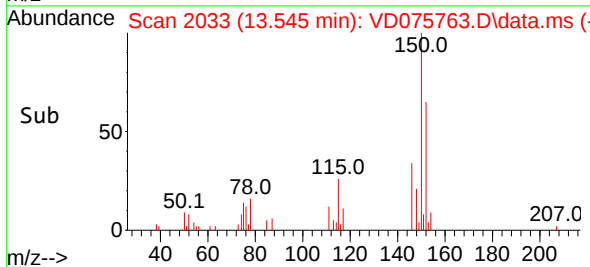
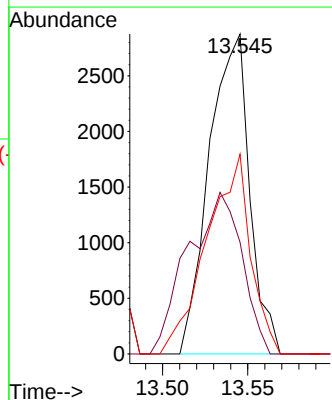
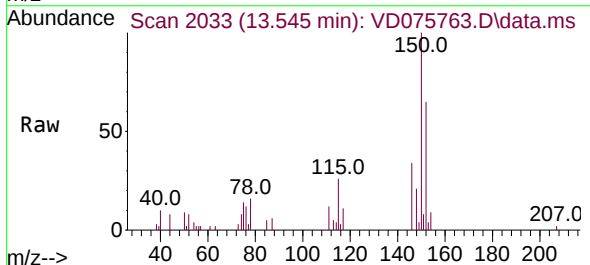
Instrument :
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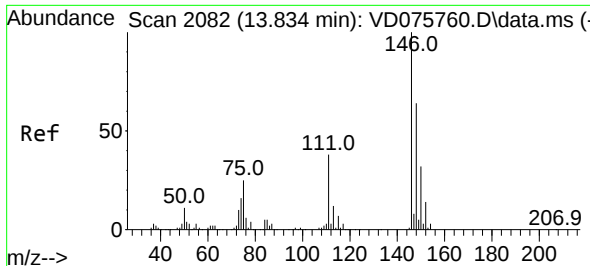
Tgt Ion:146 Resp: 3696
Ion Ratio Lower Upper
146 100
111 44.9 26.5 49.1
148 54.1 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 0.501 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

Tgt Ion:146 Resp: 4751
Ion Ratio Lower Upper
146 100
111 34.9 24.6 45.8
148 62.4 44.4 82.4

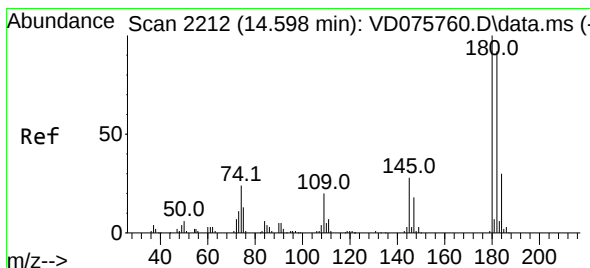
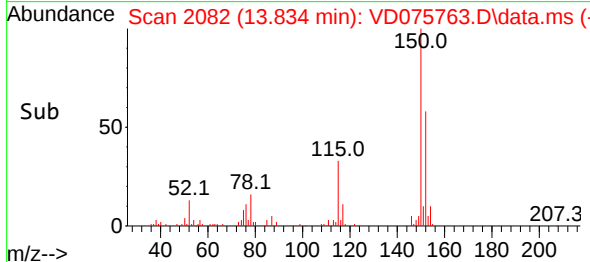
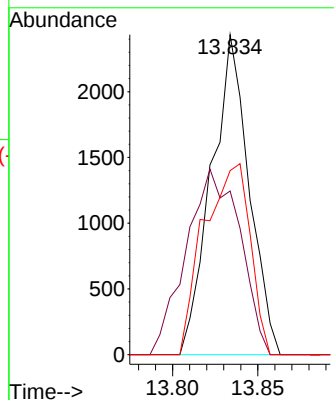
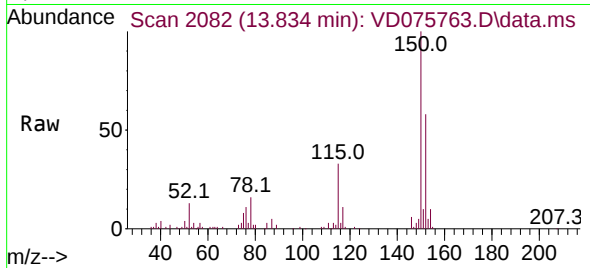




#67
1,2-Dichlorobenzene
Concen: 0.464 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

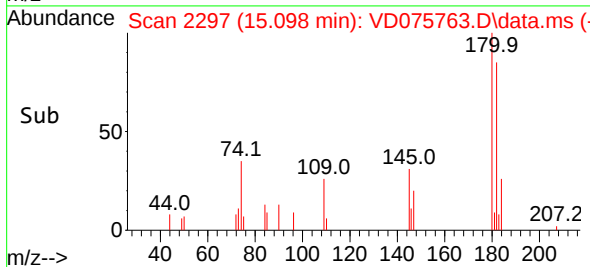
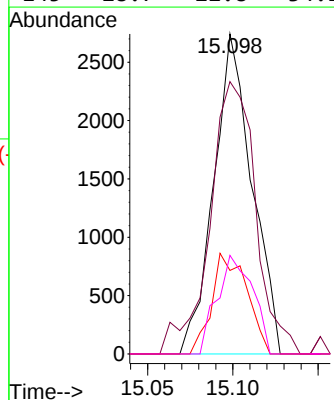
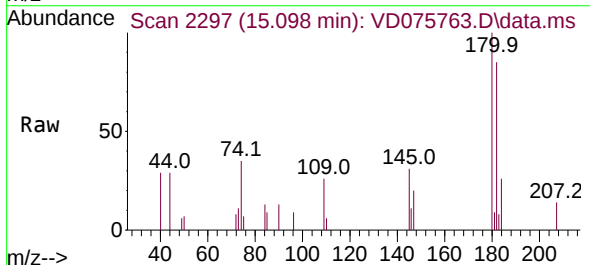
Instrument :
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ClientSampleId :
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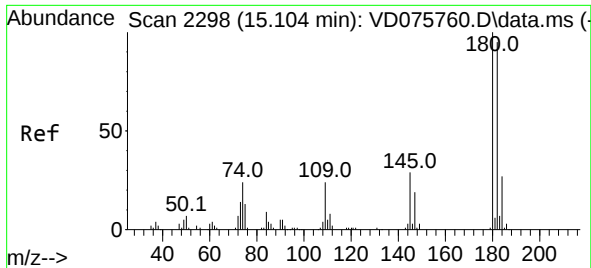
Tgt Ion:146 Resp: 3742
Ion Ratio Lower Upper
146 100
111 51.2 30.6 46.0#
148 57.5 51.4 77.0



#69
1,3,5-Trichlorobenzene
Concen: 0.707 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.500 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

Tgt Ion:180 Resp: 4284
Ion Ratio Lower Upper
180 100
182 98.1 74.9 112.3
184 28.8 25.0 37.4
145 28.7 22.8 34.2

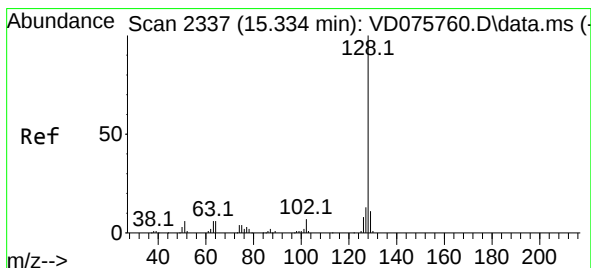
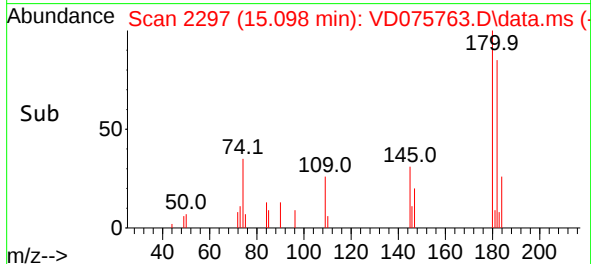
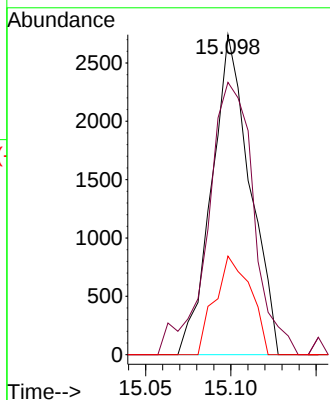
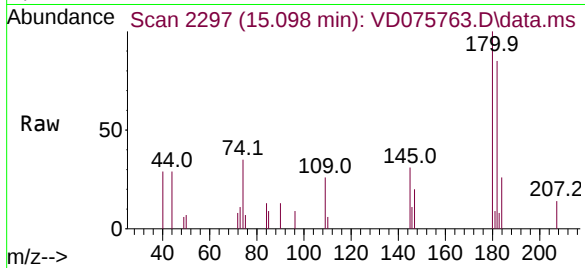




#70
1,2,4-trichlorobenzene
Concen: 0.854 ug/L
RT: 15.098 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

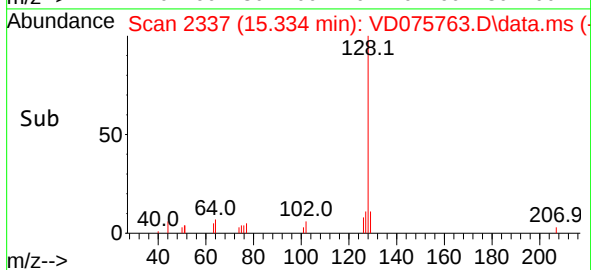
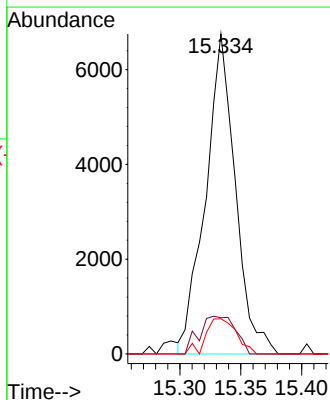
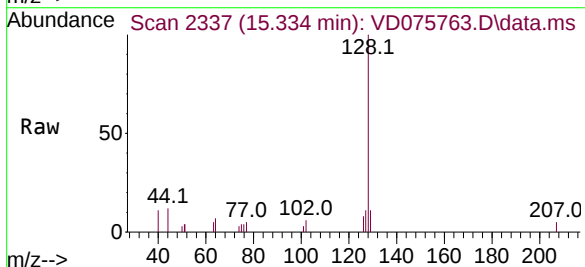
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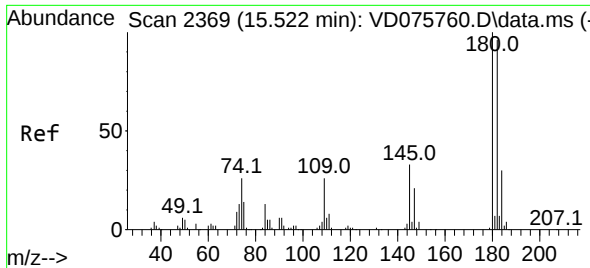
Tgt Ion:180 Resp: 4284
Ion Ratio Lower Upper
180 100
182 98.1 75.4 113.2
145 28.7 23.6 35.4



#71
Naphthalene
Concen: 1.254 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

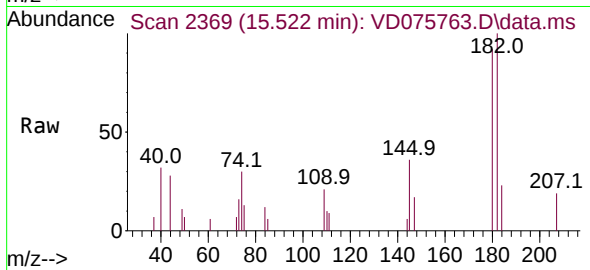
Tgt Ion:128 Resp: 11516
Ion Ratio Lower Upper
128 100
127 9.4 10.5 15.7#
129 10.6 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.234 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075763.D
 Acq: 20 Apr 2023 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	180	Resp:	5530
Ion	Ratio	Lower	Upper
180	100		
182	83.7	76.3	114.5
145	29.6	25.0	37.6

