

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075558.D
 Acq On : 31 Mar 2023 14:56
 Operator : KP/SY
 Sample : VD0331SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:15:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

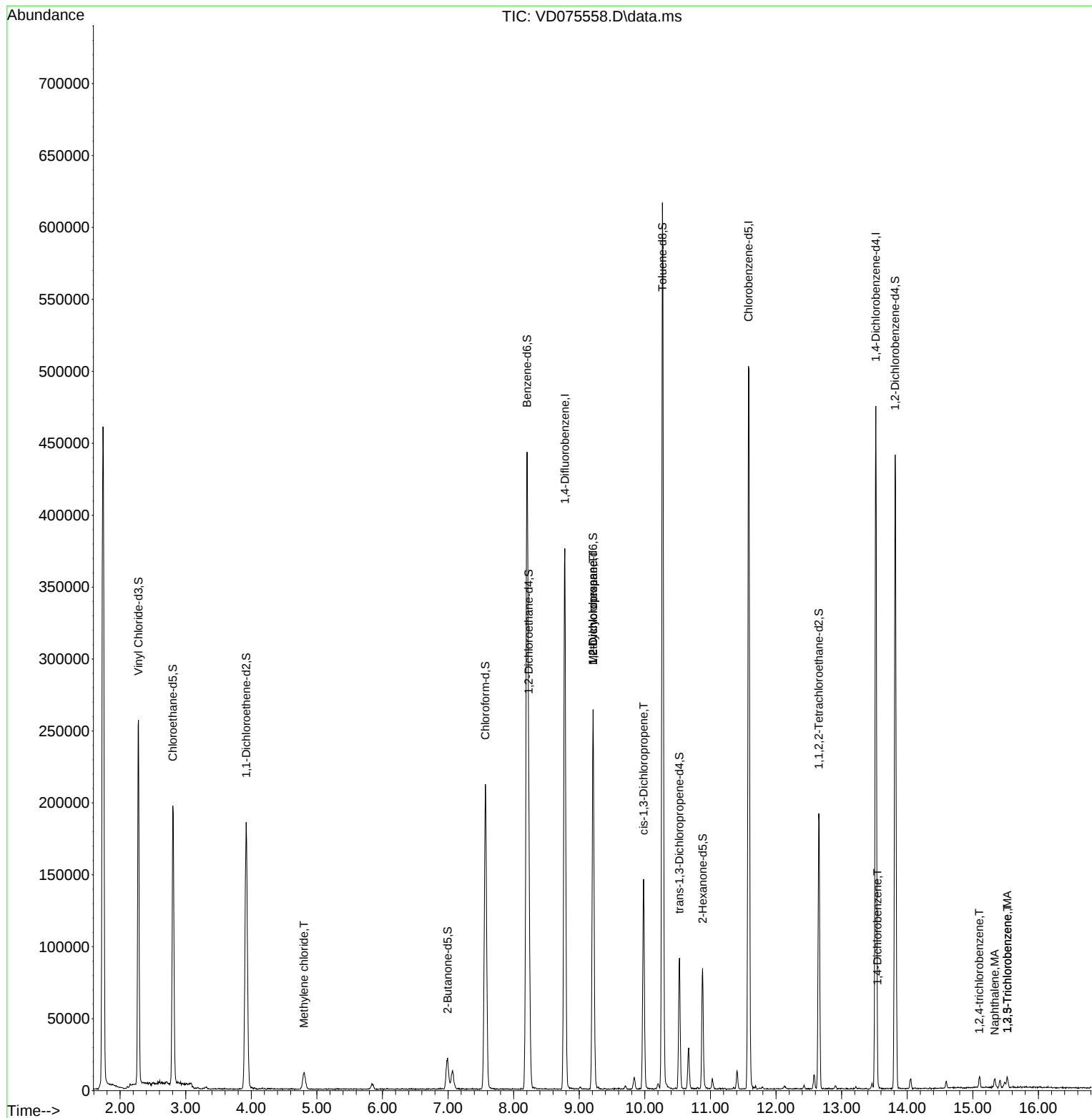
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	364336	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	329434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	245750	28.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.880%
7) Chloroethane-d5	2.805	69	213626	28.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	3.922	63	154798	22.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	6.993	46	34271	62.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.080%
24) Chloroform-d	7.569	84	223043	25.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.880%
26) 1,2-Dichloroethane-d4	8.228	65	100531	26.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.640%
32) Benzene-d6	8.204	84	487722	25.324	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.280%
36) 1,2-Dichloropropane-d6	9.210	67	134187	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	10.269	98	457548	25.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	10.528	79	55280	25.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.360%
47) 2-Hexanone-d5	10.881	63	31628	52.073	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101881	26.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	128691	28.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	10298	2.056	ug/L	92
35) Methylcyclohexane	9.210	83	33449	5.385	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	13580	3.405	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3736	0.591	ug/L #	46
65) 1,4-Dichlorobenzene	13.545	146	2858	0.342	ug/L	93
69) 1,3,5-Trichlorobenzene	15.528	180	3143	0.636	ug/L	91
70) 1,2,4-trichlorobenzene	15.098	180	2279	0.570	ug/L #	49
71) Naphthalene	15.333	128	7297	0.987	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.528	180	3143	0.877	ug/L	89

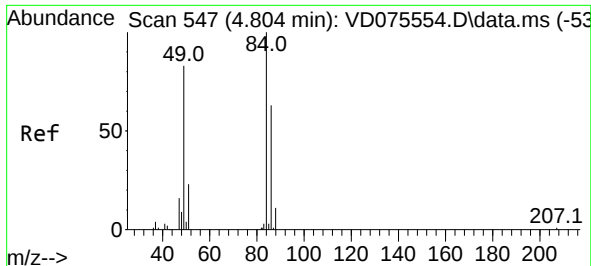
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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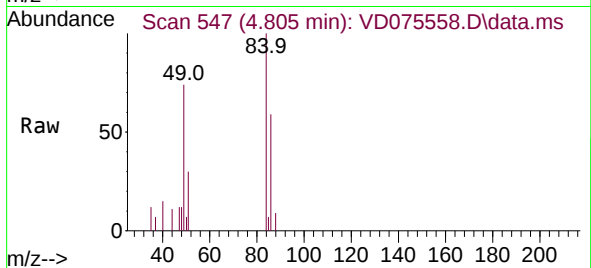
Quant Time: Apr 01 00:15:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
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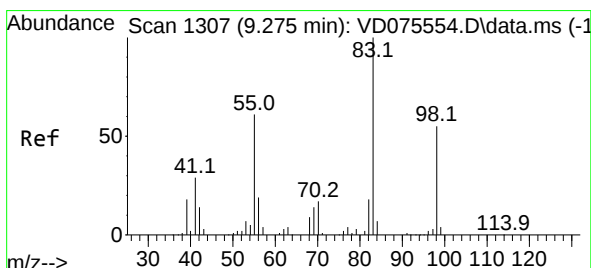
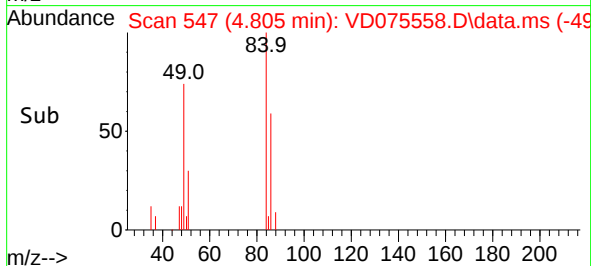
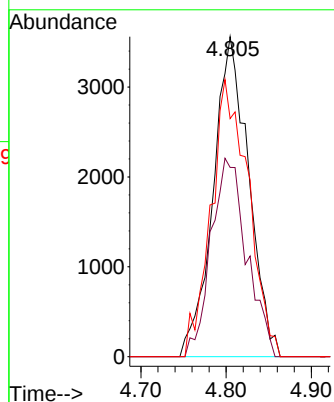


#16
Methylene chloride
Concen: 2.056 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075558.D
Acq: 31 Mar 2023 14:56

Instrument :
MSVOA_D
ClientSampleId :

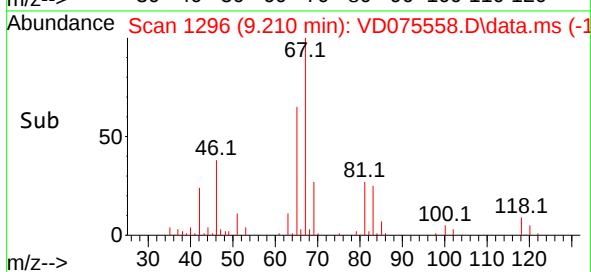
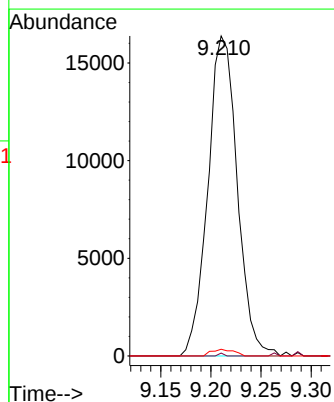
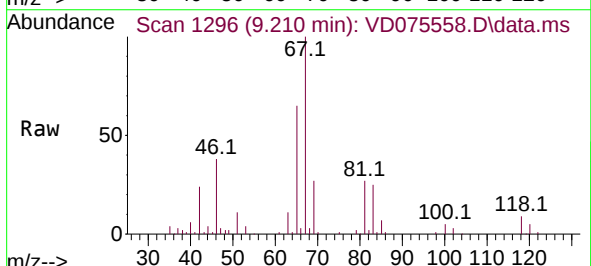


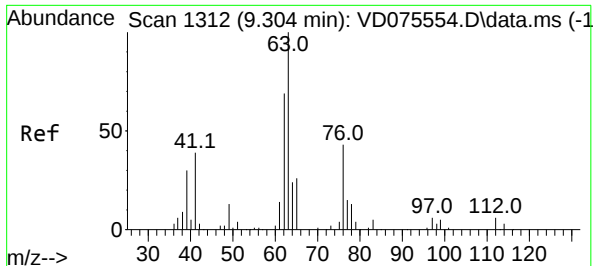
Tgt Ion:	84	Resp:	10298
Ion	Ratio	Lower	Upper
84	100		
86	59.2	44.4	82.4
49	74.4	58.5	108.7



#35
Methylcyclohexane
Concen: 5.385 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD075558.D
Acq: 31 Mar 2023 14:56

Tgt Ion:	83	Resp:	33449
Ion	Ratio	Lower	Upper
83	100		
55	0.0	46.9	70.3#
98	1.6	40.8	61.2#





#37

1,2-Dichloropropane

Concen: 3.405 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD075558.D

Acq: 31 Mar 2023 14:56

Instrument :

MSVOA_D

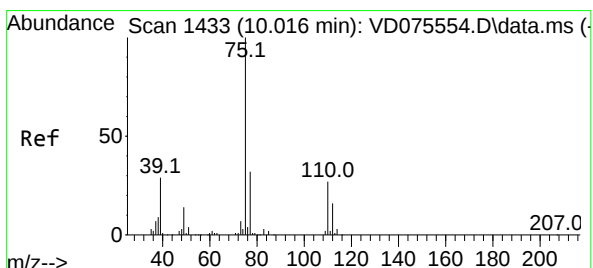
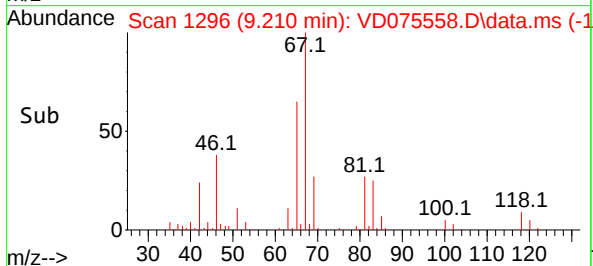
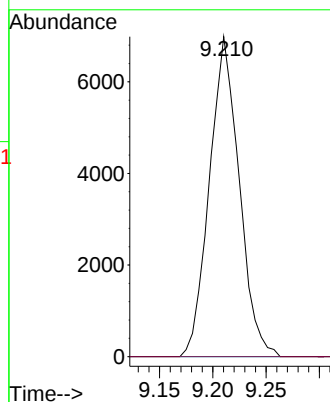
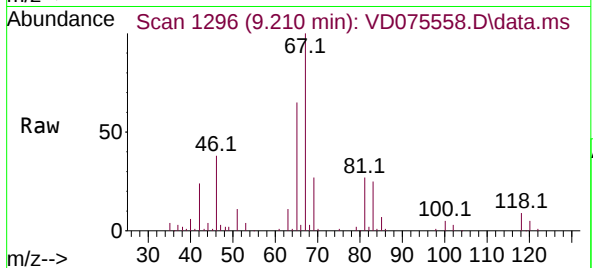
ClientSampleId :

Tgt Ion: 63 Resp: 13580

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#39

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD075558.D

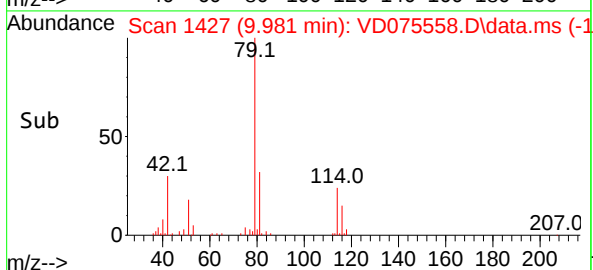
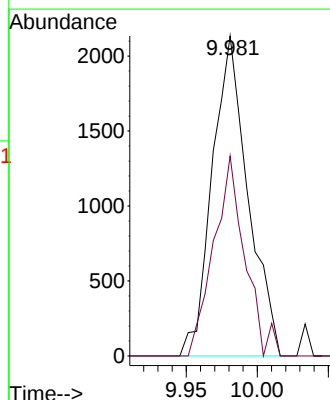
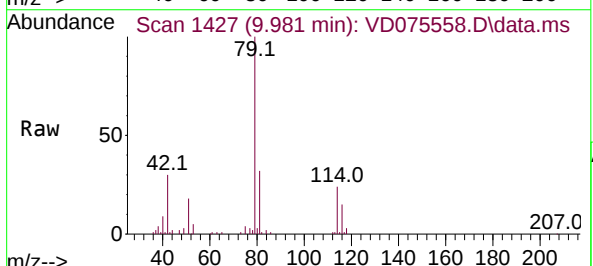
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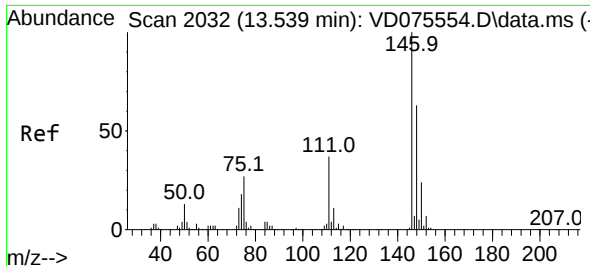
Tgt Ion: 75 Resp: 3736

Ion Ratio Lower Upper

75 100

77 62.5 22.5 41.7#

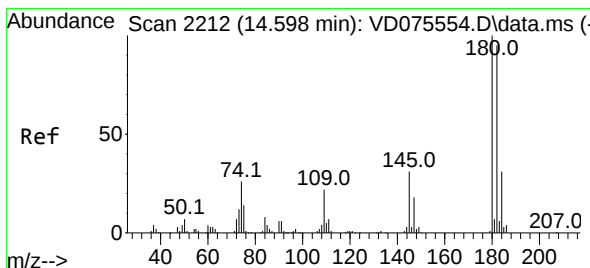
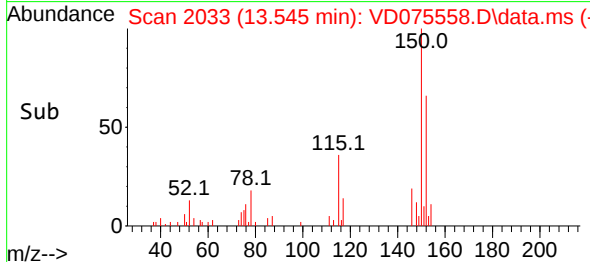
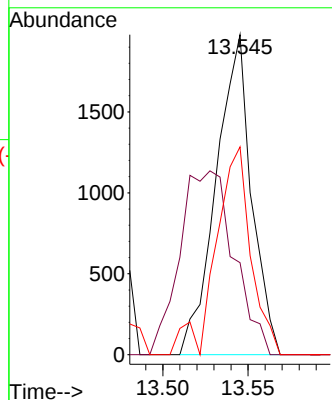
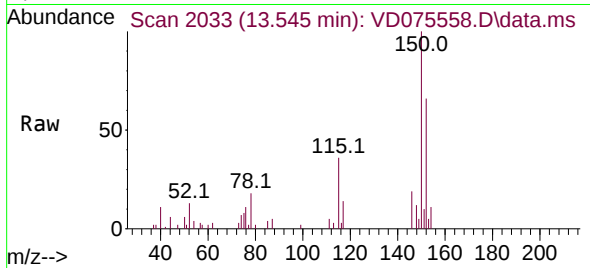




#65
1,4-Dichlorobenzene
Concen: 0.342 ug/L
RT: 13.545 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD075558.D
Acq: 31 Mar 2023 14:56

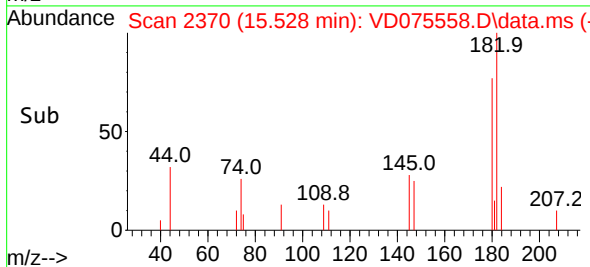
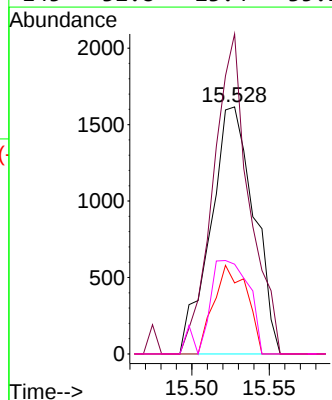
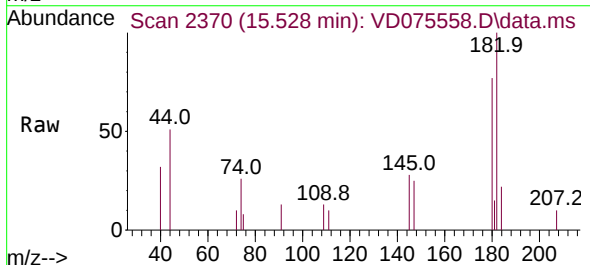
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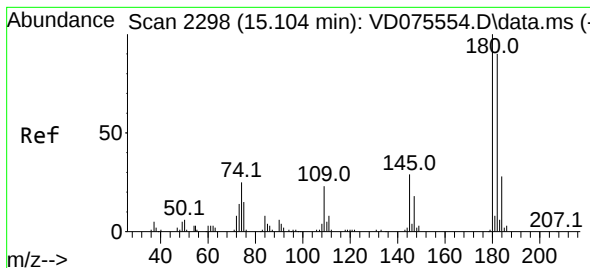
Tgt Ion:146 Resp: 2858
Ion Ratio Lower Upper
146 100
111 28.8 26.0 48.4
148 64.9 44.3 82.3



#69
1,3,5-Trichlorobenzene
Concen: 0.636 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.930 min
Lab File: VD075558.D
Acq: 31 Mar 2023 14:56

Tgt Ion:180 Resp: 3143
Ion Ratio Lower Upper
180 100
182 107.2 76.9 115.3
184 27.2 24.6 36.8
145 32.8 23.4 35.2





#70

1,2,4-trichlorobenzene

Concen: 0.570 ug/L

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

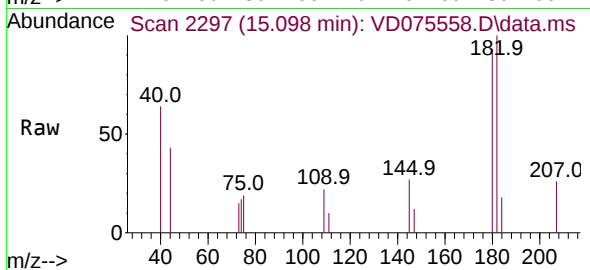
Lab File: VD075558.D

Acq: 31 Mar 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :



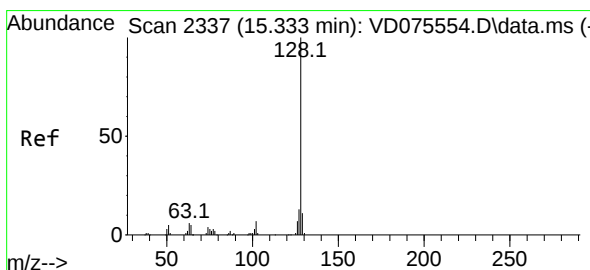
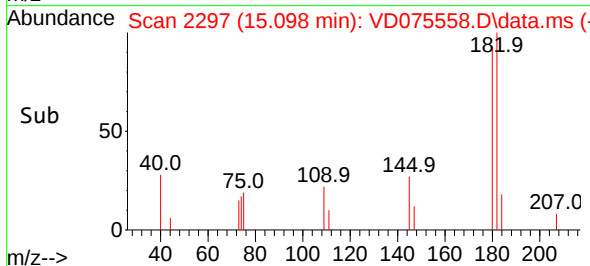
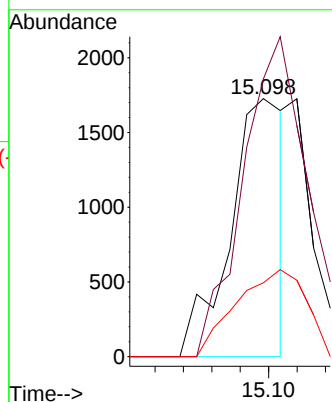
Tgt Ion:180 Resp: 2279

Ion Ratio Lower Upper

180 100

182 148.6 74.2 111.2#

145 43.5 22.9 34.3#



#71

Naphthalene

Concen: 0.987 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075558.D

Acq: 31 Mar 2023 14:56

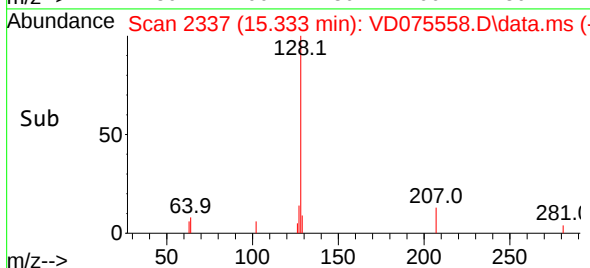
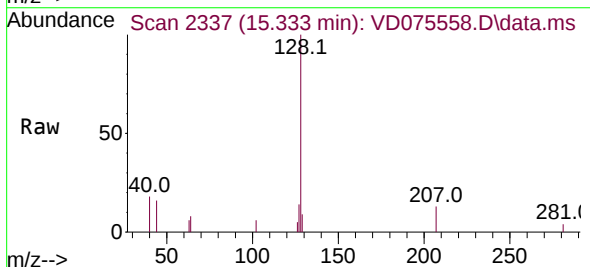
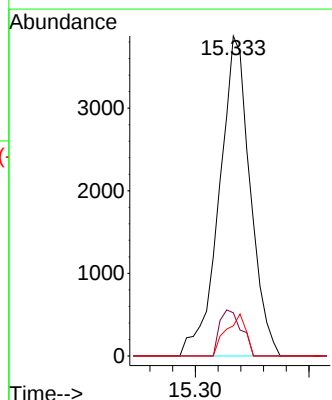
Tgt Ion:128 Resp: 7297

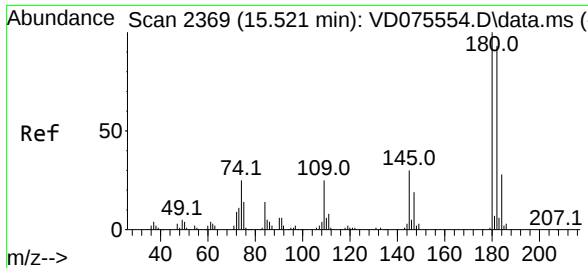
Ion Ratio Lower Upper

128 100

127 10.2 10.3 15.5#

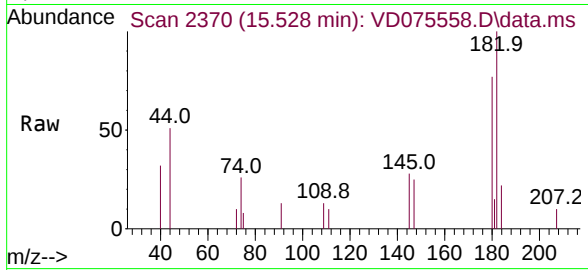
129 8.4 8.5 12.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.877 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075558.D
 Acq: 31 Mar 2023 14:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	3143
Ion	Ratio	Lower	Upper
180	100		
182	107.2	75.4	113.0
145	32.8	25.2	37.8

