

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
 Data File : VW025302.D
 Acq On : 07 Feb 2023 12:06
 Operator : SY/MD
 Sample : 01878-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 07 20:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

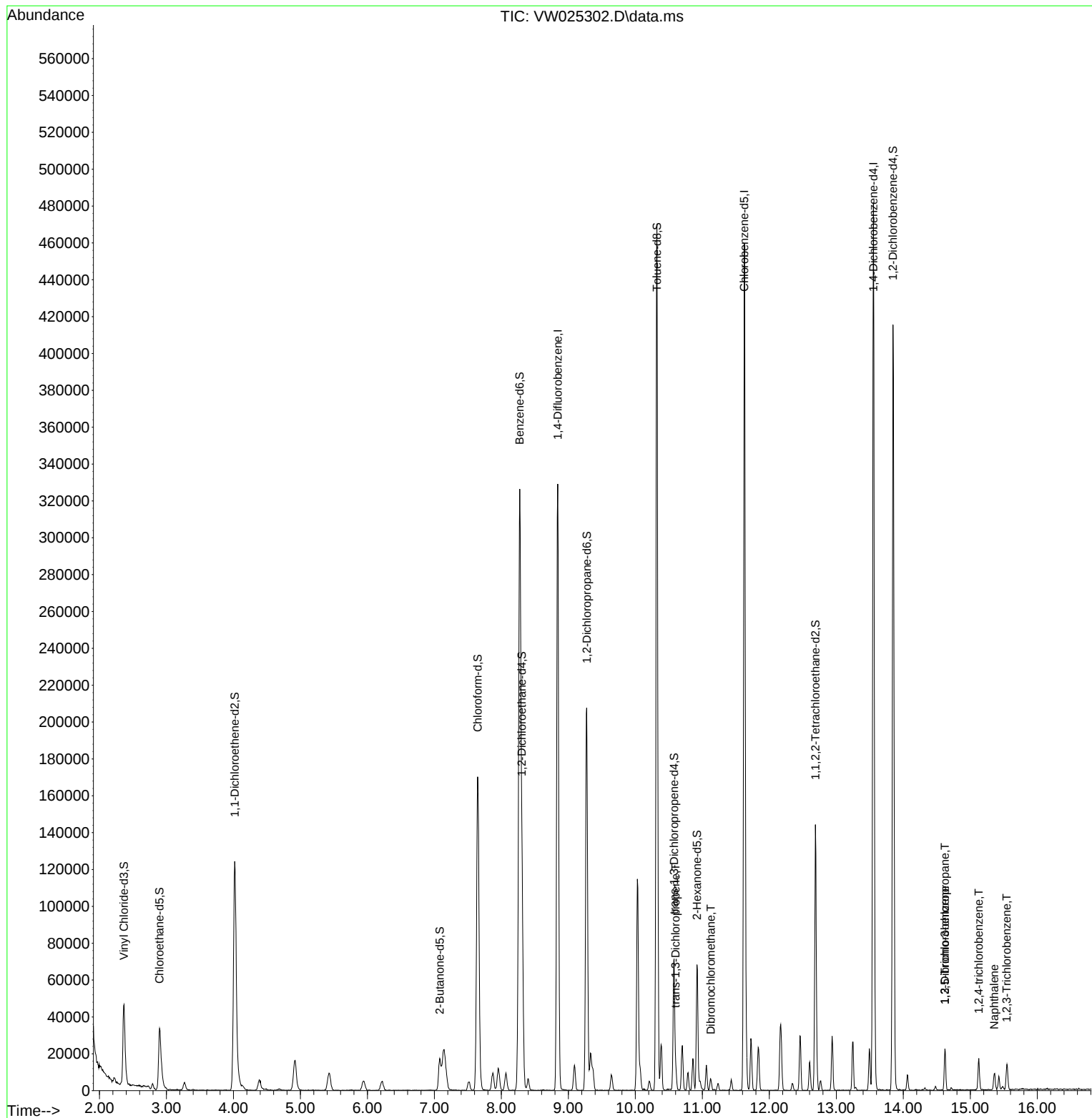
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	274099	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	242928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	114067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	54950	20.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
7) Chloroethane-d5	2.897	69	47057	19.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.019	63	127552	17.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.360%
21) 2-Butanone-d5	7.080	46	30166	43.810	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.620%
24) Chloroform-d	7.647	84	175595	24.442	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	8.305	65	93875	26.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.320%
32) Benzene-d6	8.275	84	331893	22.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.274	67	92044	21.366	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	10.323	98	310353	23.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.579	79	39395	24.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.880%
47) 2-Hexanone-d5	10.920	63	24642	51.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	64661	22.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	98210	24.816	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
44) trans-1,3-Dichloropropene	10.597	75	7155	1.479	ug/L	95
49) Dibromochloromethane	11.128	129	3338	1.131	ug/L	82
68) 1,2-Dibromo-3-chloropr...	14.621	75	1323	2.793	ug/L #	3
69) 1,3,5-Trichlorobenzene	14.621	180	6389	1.228	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	5037	1.189	ug/L	95
71) Naphthalene	15.359	128	8468	1.093	ug/L	98
72) 1,2,3-Trichlorobenzene	15.541	180	4318	1.187	ug/L	98

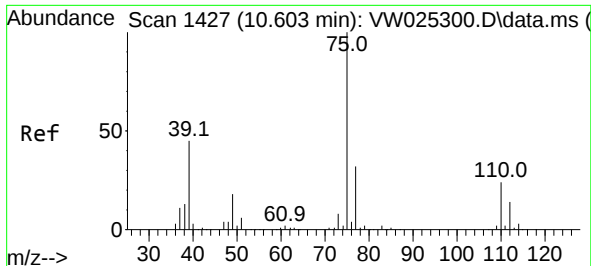
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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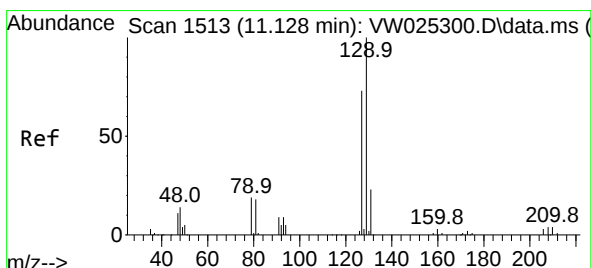
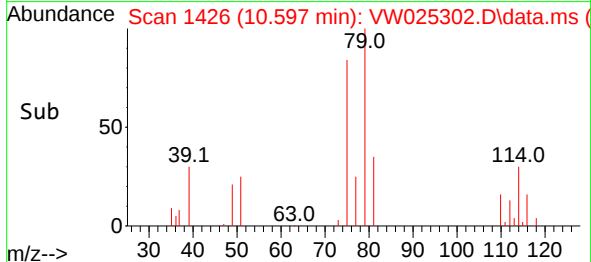
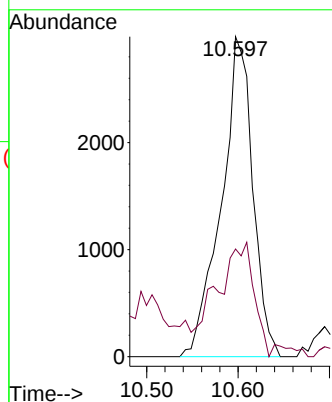
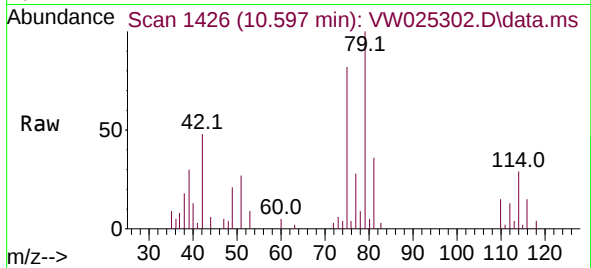




#44
trans-1,3-Dichloropropene
Concen: 1.479 ug/L
RT: 10.597 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

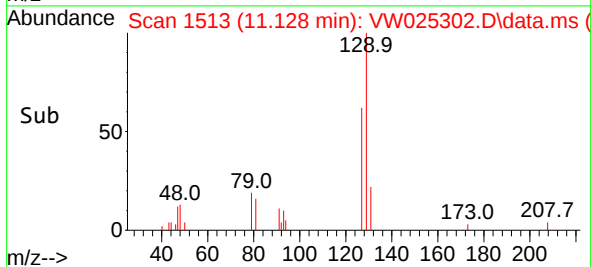
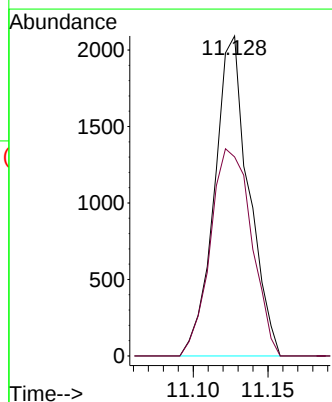
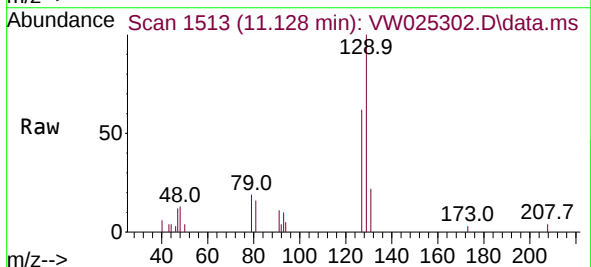
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-02

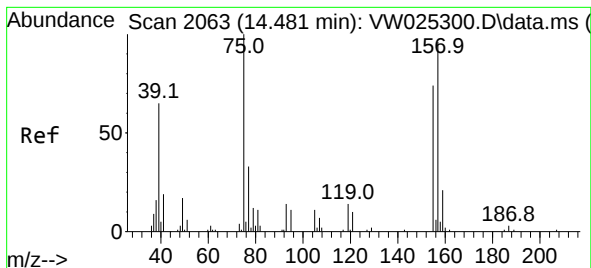
Tgt Ion: 75 Resp: 7155
Ion Ratio Lower Upper
75 100
77 33.6 21.7 40.3



#49
Dibromochloromethane
Concen: 1.131 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

Tgt Ion:129 Resp: 3338
Ion Ratio Lower Upper
129 100
127 62.2 54.8 101.8





#68

1,2-Dibromo-3-chloropropane

Concen: 2.793 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.140 min

Lab File: VW025302.D

Acq: 07 Feb 2023 12:06

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT1-2023-02

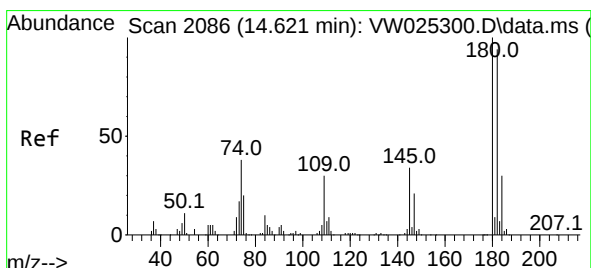
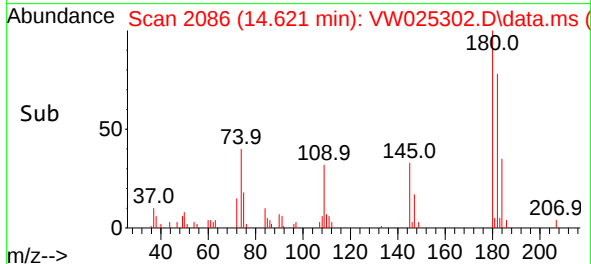
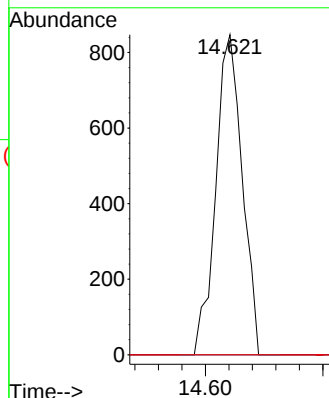
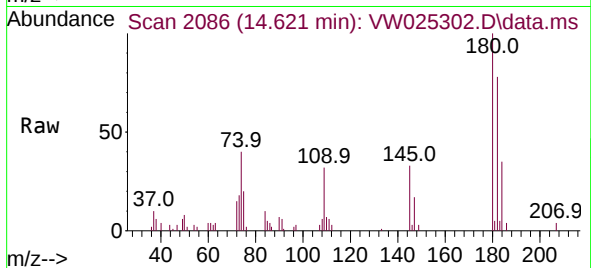
Tgt Ion: 75 Resp: 1323

Ion Ratio Lower Upper

75 100

155 0.0 63.4 95.2#

157 0.0 82.5 123.7#



#69

1,3,5-Trichlorobenzene

Concen: 1.228 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025302.D

Acq: 07 Feb 2023 12:06

Tgt Ion:180 Resp: 6389

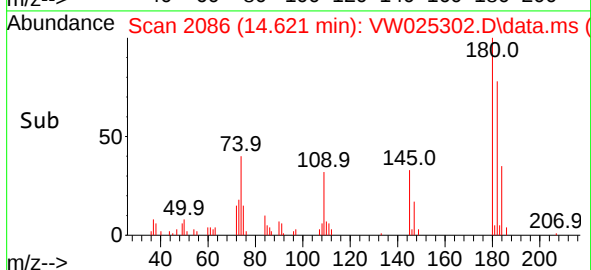
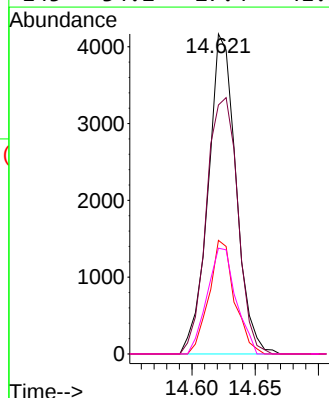
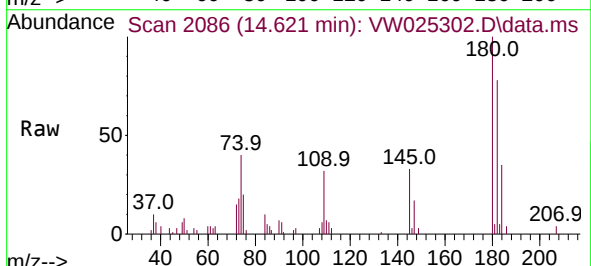
Ion Ratio Lower Upper

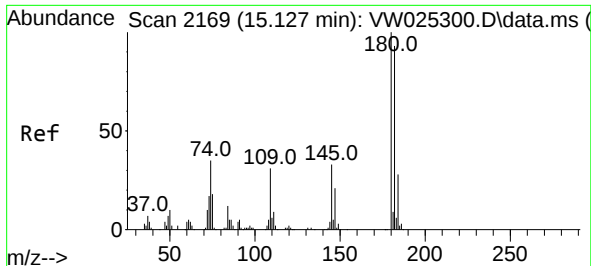
180 100

182 89.8 77.7 116.5

184 32.5 24.4 36.6

145 34.2 27.4 41.2

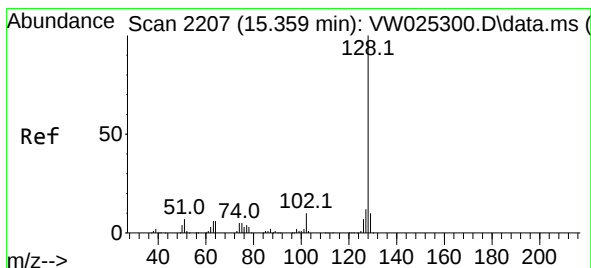
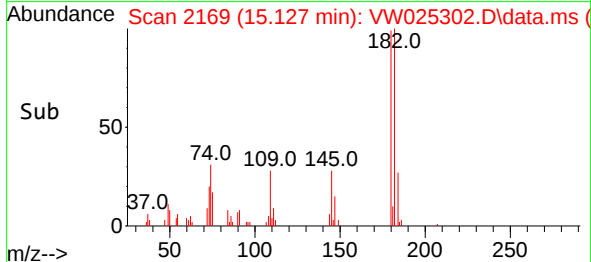
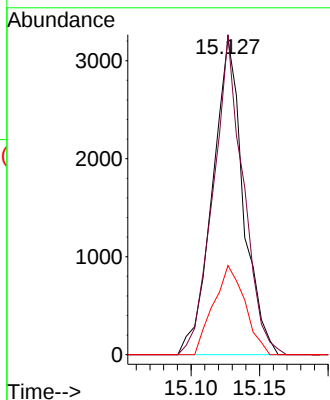
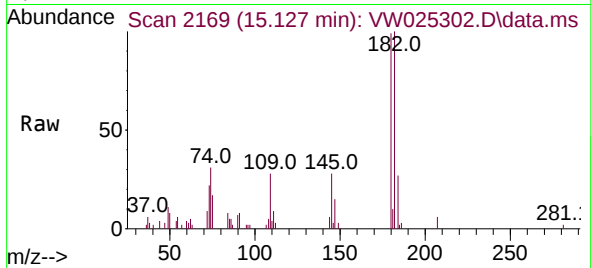




#70
1,2,4-trichlorobenzene
Concen: 1.189 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

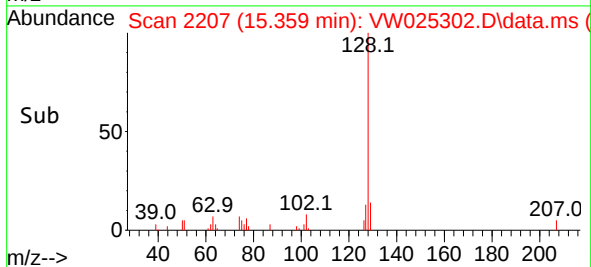
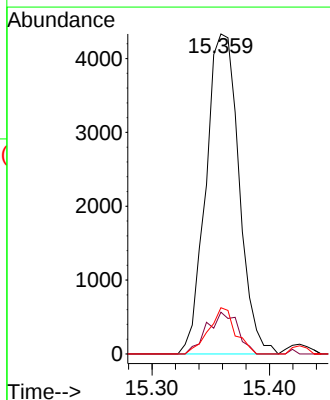
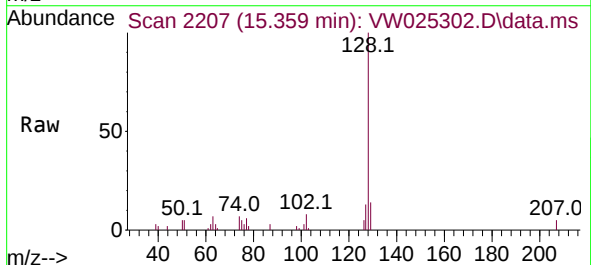
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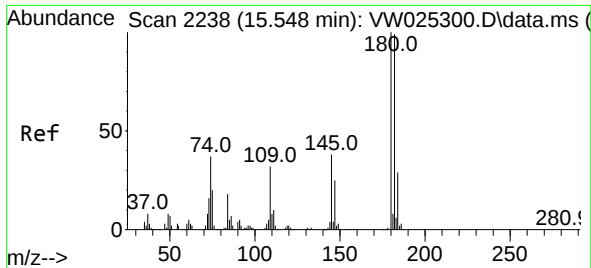
Tgt Ion:	180	Resp:	5037
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.4	114.6
145	28.7	27.4	41.2



#71
Naphthalene
Concen: 1.093 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

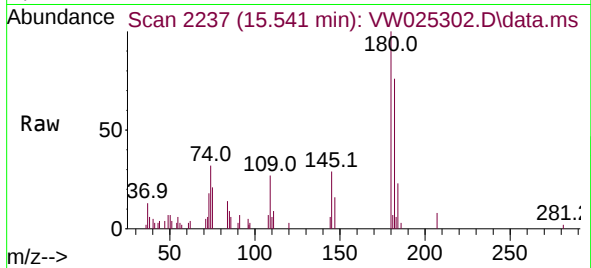
Tgt Ion:	128	Resp:	8468
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.4	15.6
129	11.6	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 1.187 ug/L
RT: 15.541 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:	180	Resp:	4318
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	38.8	28.8	43.2

