

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077086.D
 Acq On : 12 Sep 2023 11:57
 Operator : JC/SY
 Sample : VD0912SBL01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:48:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

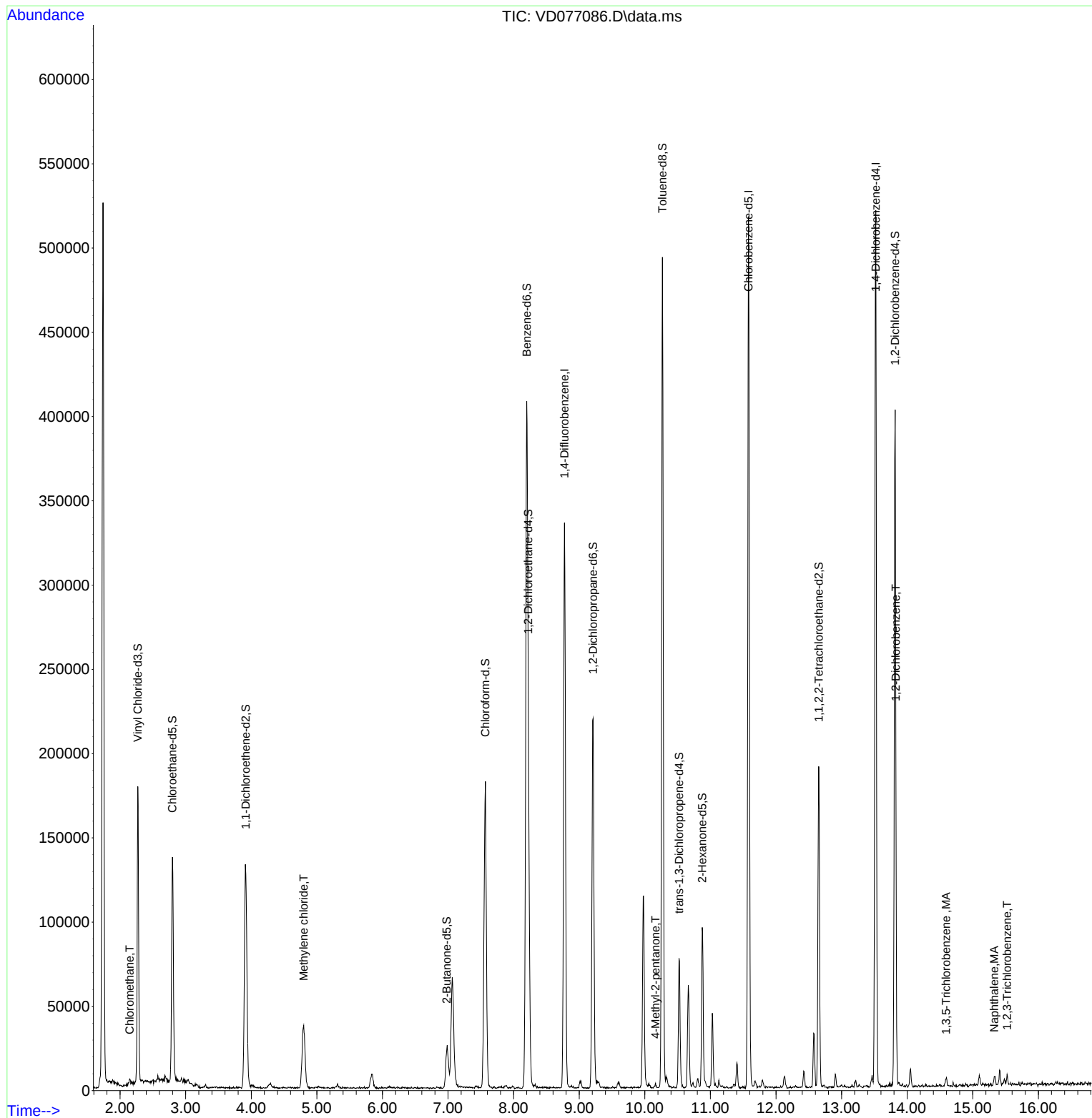
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	310187	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	149293	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	159571	20.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
7) Chloroethane-d5	2.799	69	138098	21.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	3.917	65	38011	21.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.560%
21) 2-Butanone-d5	6.981	46	42681	44.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.660%
24) Chloroform-d	7.569	84	186872	22.017	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.222	65	93966	23.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.199	84	385197	22.519	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	9.210	67	113081	23.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.269	98	342572	21.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	10.522	79	45699	20.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.800%
47) 2-Hexanone-d5	10.875	63	34441	43.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97251	22.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	114112	23.814	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	2033	0.301	ug/L	90
16) Methylene chloride	4.799	84	30881	4.892	ug/L	87
40) 4-Methyl-2-pentanone	10.163	43	1736	0.673	ug/L #	65
67) 1,2-Dichlorobenzene	13.828	146	2831	0.336	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.592	180	1932	0.320	ug/L #	94
71) Naphthalene	15.328	128	6152	0.595	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.522	180	2053	0.432	ug/L	91

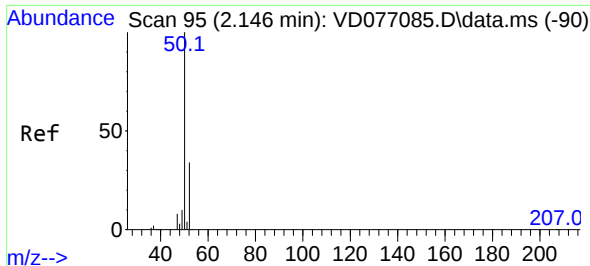
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

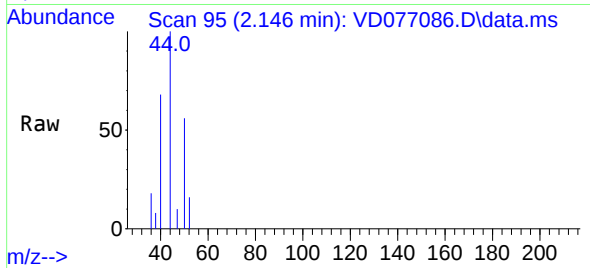
Quant Time: Sep 13 01:48:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration



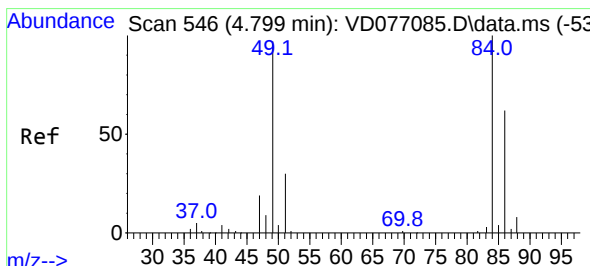
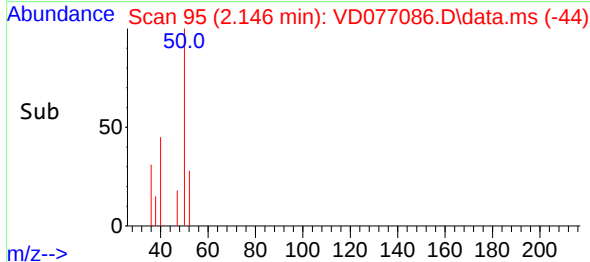
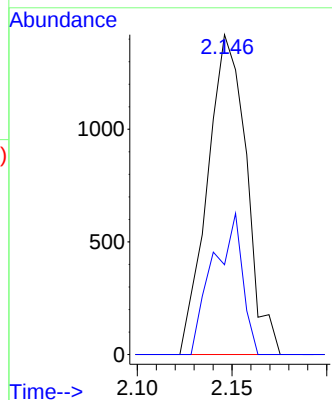


#3
Chloromethane
Concen: 0.301 ug/L
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

Instrument :
MSVOA_D
ClientSampleId :

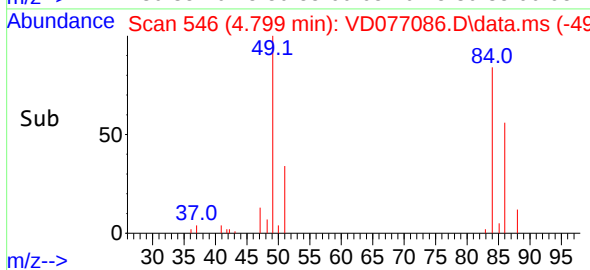
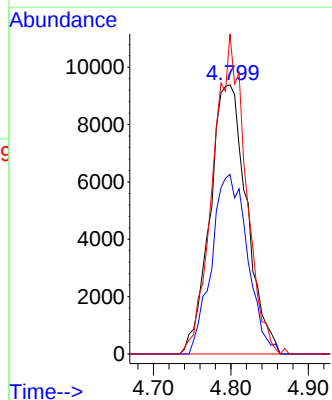
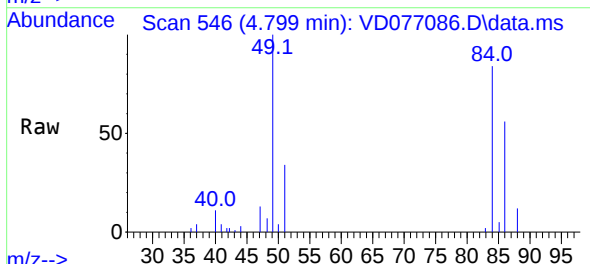


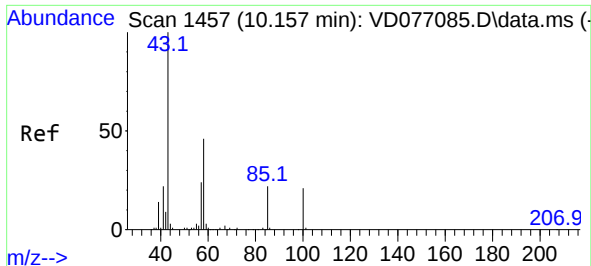
Tgt Ion: 50 Resp: 2033
Ion Ratio Lower Upper
50 100
52 28.1 23.5 43.7



#16
Methylene chloride
Concen: 4.892 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

Tgt Ion: 84 Resp: 30881
Ion Ratio Lower Upper
84 100
86 66.7 45.3 84.1
49 118.9 69.2 128.6

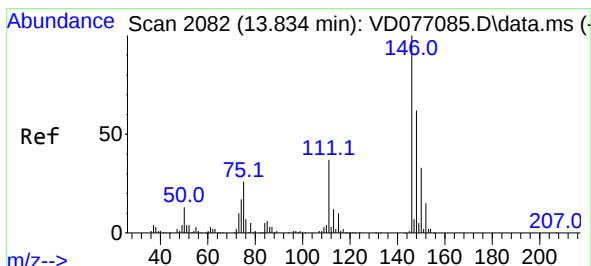
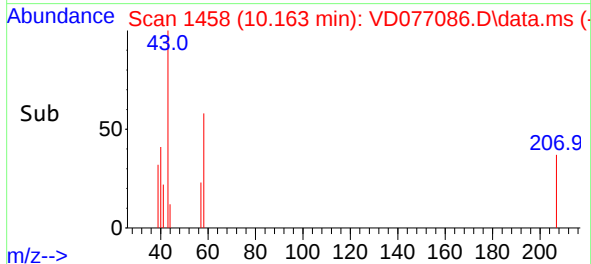
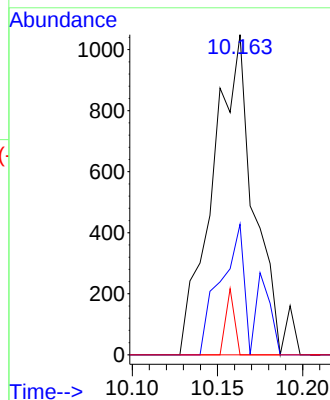
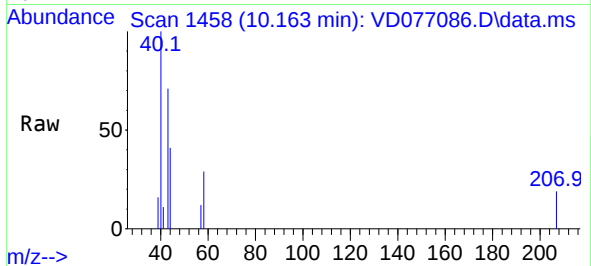




#40
4-Methyl-2-pentanone
Concen: 0.673 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

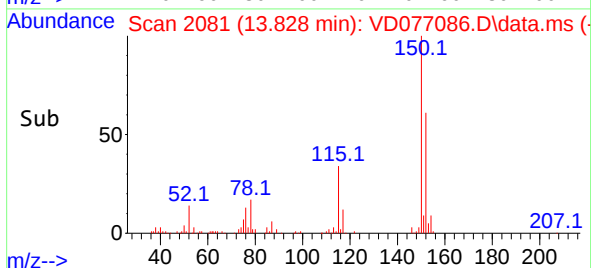
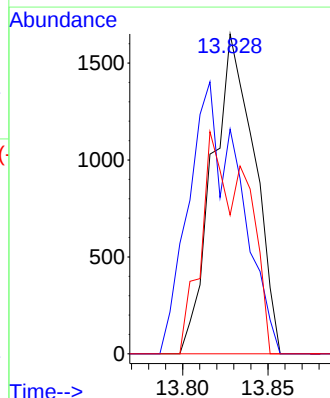
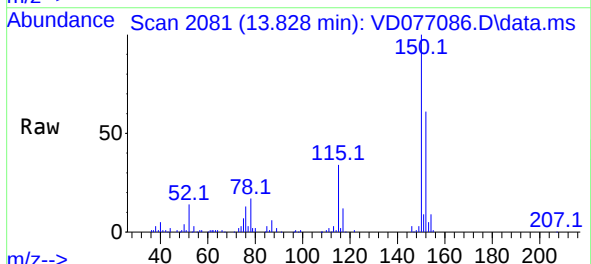
Instrument :
MSVOA_D
ClientSampleId :

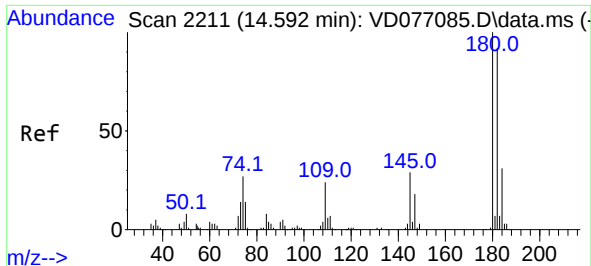
Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 23.5 34.6 51.8#
100 0.0 16.2 24.4#



#67
1,2-Dichlorobenzene
Concen: 0.336 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

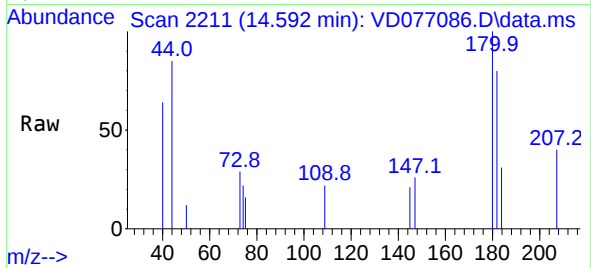
Tgt Ion: 146 Resp: 2831
Ion Ratio Lower Upper
146 100
111 70.2 31.8 47.6#
148 43.4 53.0 79.4#



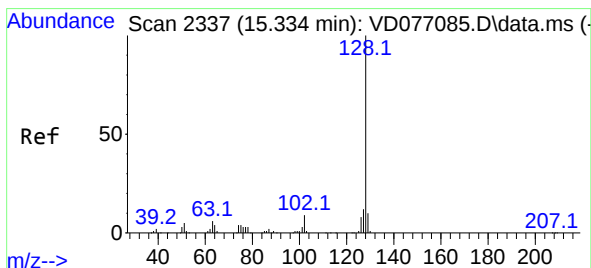
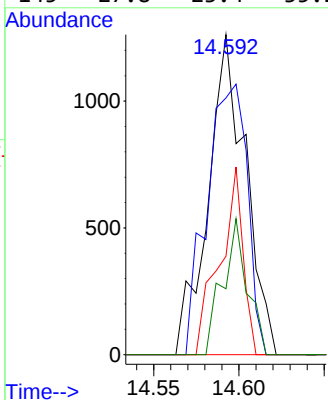
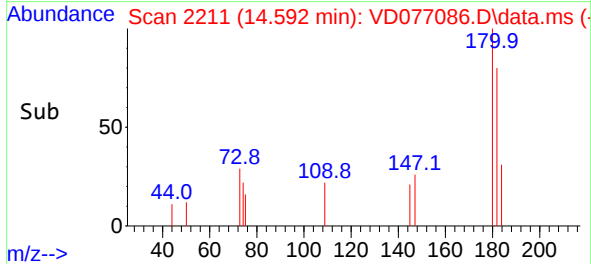


#69
1,3,5-Trichlorobenzene
Concen: 0.320 ug/L
RT: 14.592 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

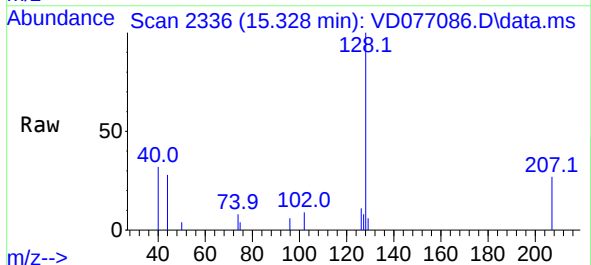
Instrument :
MSVOA_D
ClientSampleId :



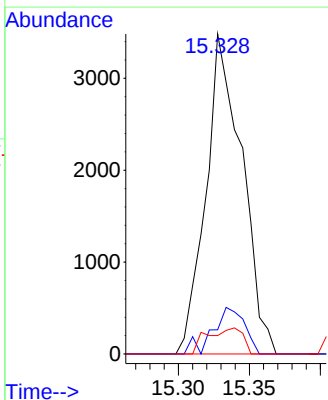
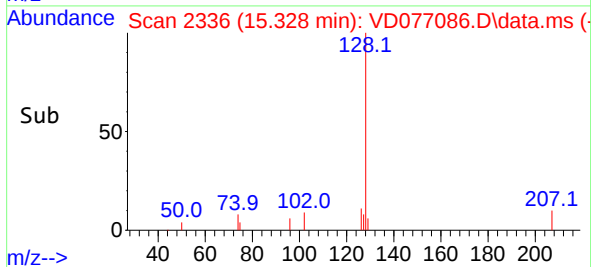
Tgt Ion:180 Resp: 1932
Ion Ratio Lower Upper
180 100
182 90.8 77.0 115.4
184 36.5 24.2 36.2#
145 27.8 23.4 35.2

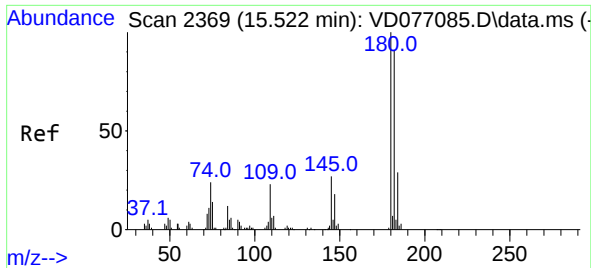


#71
Naphthalene
Concen: 0.595 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57



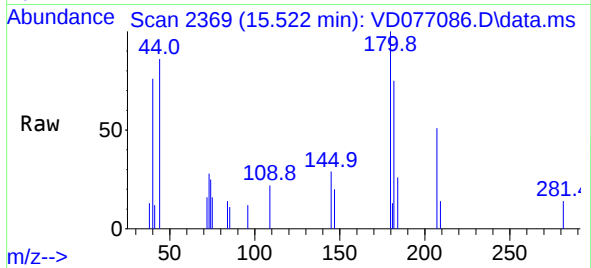
Tgt Ion:128 Resp: 6152
Ion Ratio Lower Upper
128 100
127 11.7 10.6 16.0
129 5.6 8.6 13.0#





#72
1,2,3-Trichlorobenzene
Concen: 0.432 ug/L
RT: 15.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077086.D
Acq: 12 Sep 2023 11:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	180	Resp:	2053
Ion	Ratio	Lower	Upper
180	100		
182	105.6	76.6	115.0
145	34.2	25.4	38.2

