

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035337.D
 Acq On : 22 Apr 2024 16:48
 Operator : SY/MD
 Sample : P2158-10DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE0DL

Quant Time: Apr 23 00:32:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

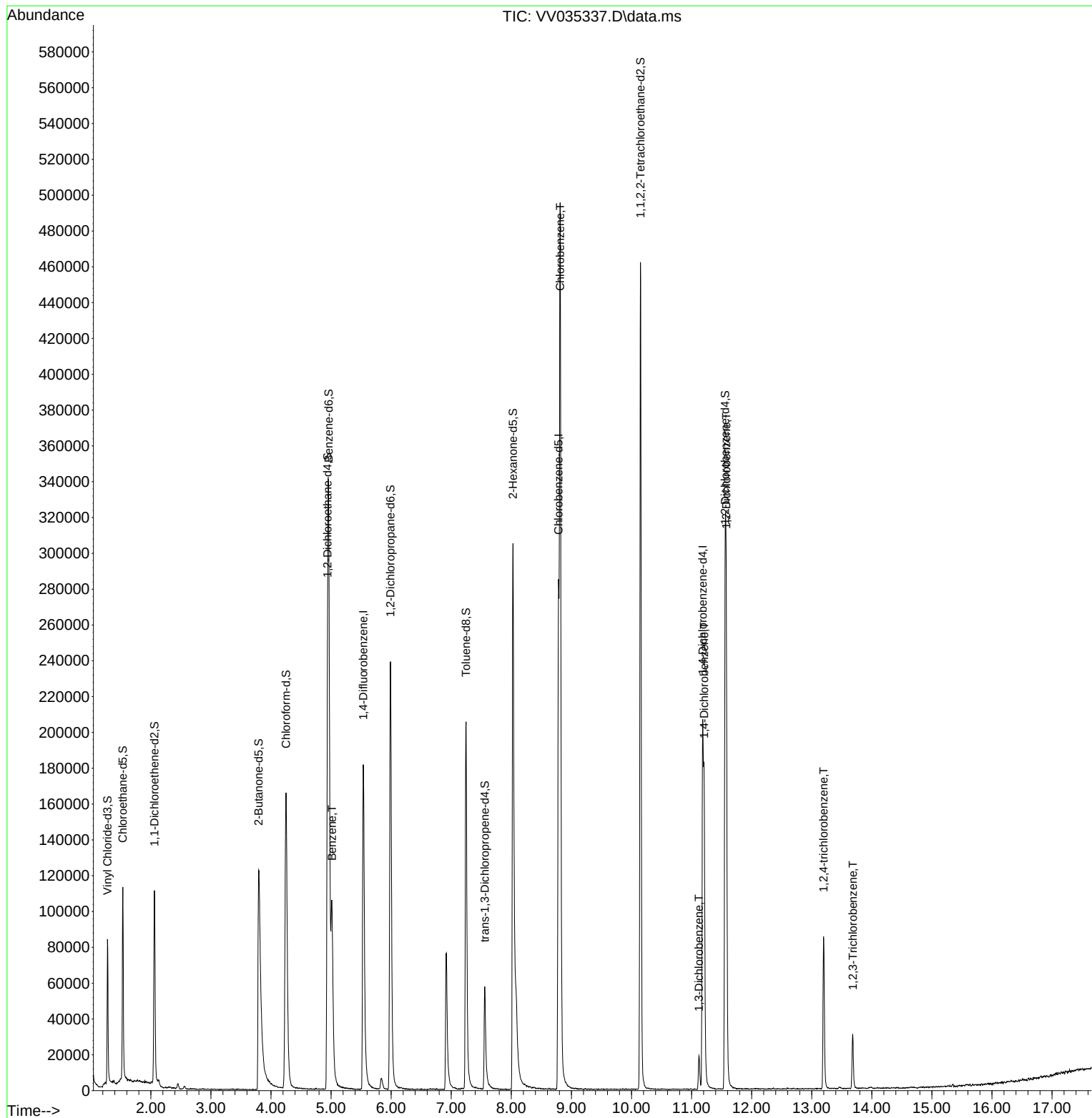
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	167181	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52583	32.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.140%
7) Chloroethane-d5	1.532	69	68032	48.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.020%
11) 1,1-Dichloroethene-d2	2.060	65	18483	26.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.240%#
21) 2-Butanone-d5	3.796	46	208333	217.566	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	217.570%#
24) Chloroform-d	4.249	84	184414	67.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.860%#
26) 1,2-Dichloroethane-d4	4.940	65	147349	85.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	171.000%#
32) Benzene-d6	4.960	84	268586	55.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.880%
36) 1,2-Dichloropropane-d6	5.989	67	124111	80.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	161.360%#
41) Toluene-d8	7.246	98	149879	34.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.700%#
43) trans-1,3-Dichloroprop...	7.558	79	37710	50.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.840%
47) 2-Hexanone-d5	8.027	63	103304	177.607	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	177.610%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224032	105.750	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	211.500%#
66) 1,2-Dichlorobenzene-d4	11.558	152	67294	56.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.720%
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	112126	23.841	ug/L	100
51) Chlorobenzene	8.812	112	271524	85.086	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	8685	4.848	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	69419	38.104	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	96337	53.980	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	28668	24.172	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10495	8.977	ug/L	95

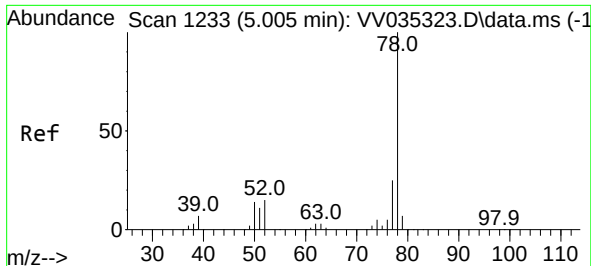
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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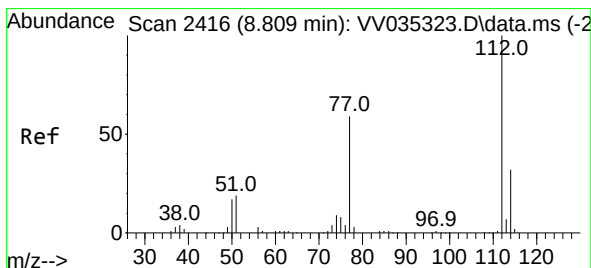
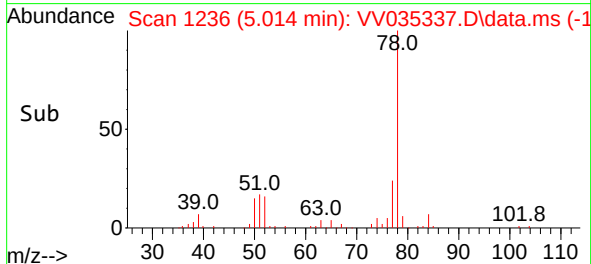
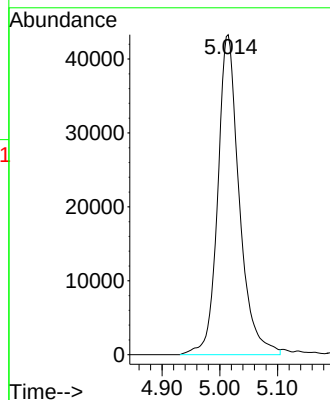
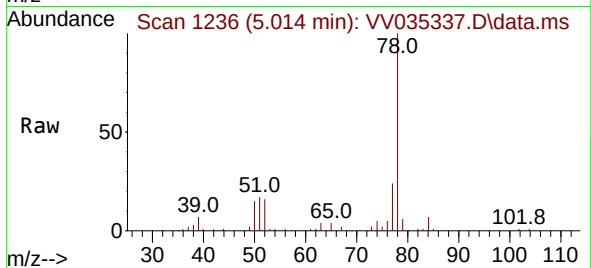




#33
Benzene
Concen: 23.841 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV035337.D
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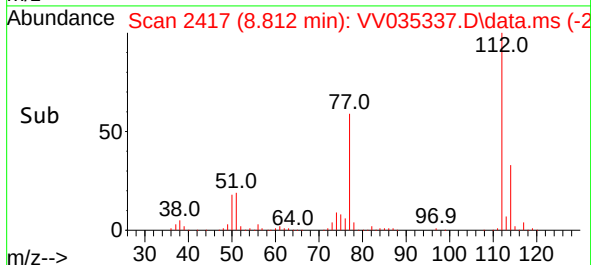
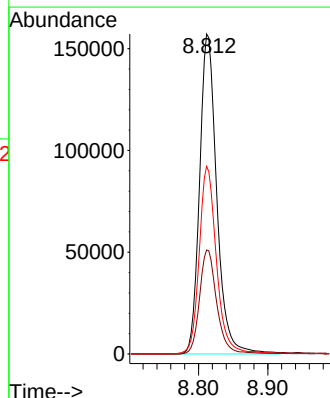
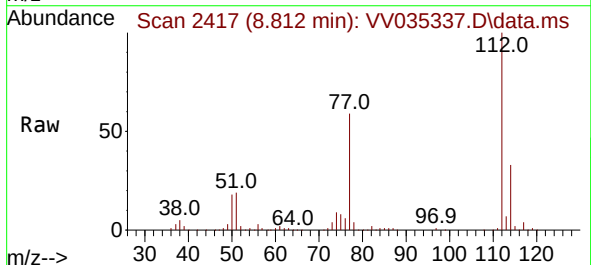
Instrument :
MSVOA_V
ClientSampleId :
MCORE0DL

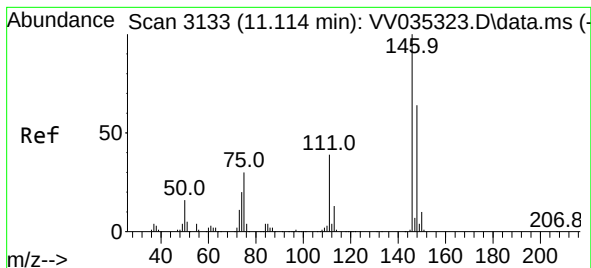
Tgt Ion: 78 Resp: 112126



#51
Chlorobenzene
Concen: 85.086 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035337.D
Acq: 22 Apr 2024 16:48

Tgt Ion: 112 Resp: 271524
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 58.7 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 4.848 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.009 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :

MCORE0DL

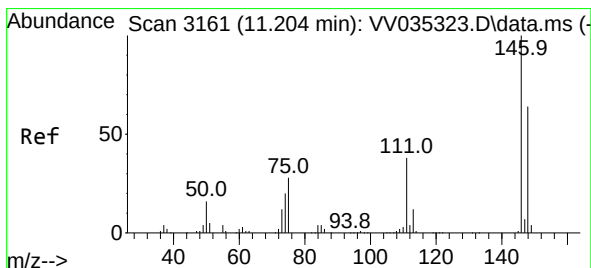
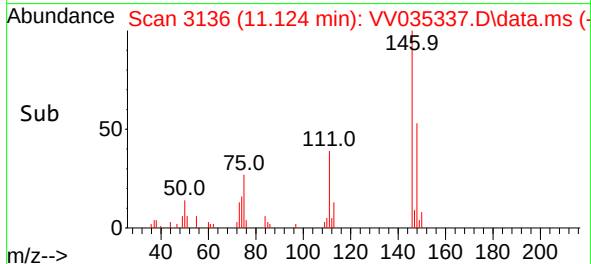
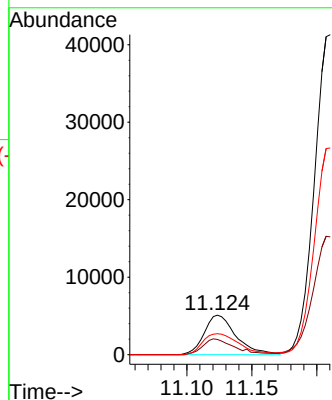
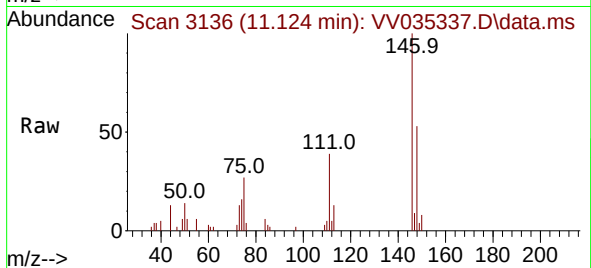
Tgt Ion:146 Resp: 8685

Ion Ratio Lower Upper

146 100

111 38.6 28.7 53.3

148 53.1 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 38.104 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

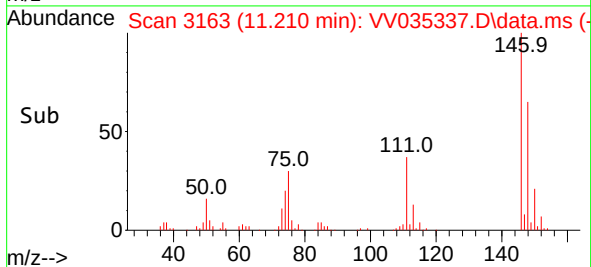
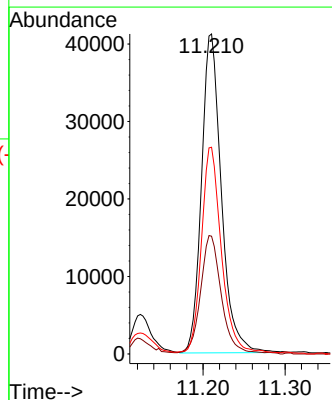
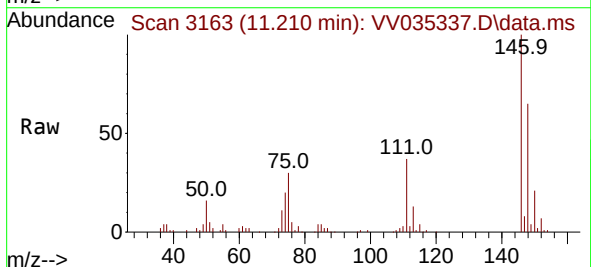
Tgt Ion:146 Resp: 69419

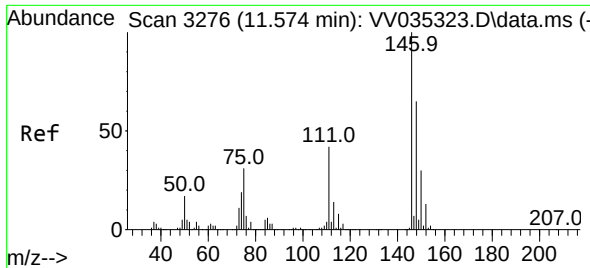
Ion Ratio Lower Upper

146 100

111 36.8 27.4 50.8

148 64.6 44.2 82.2

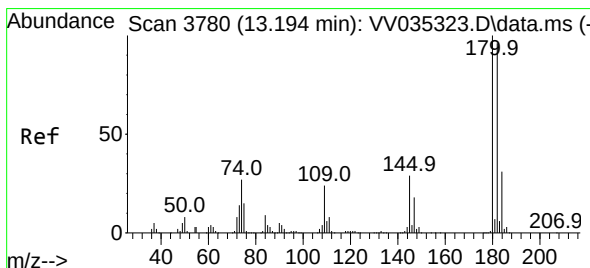
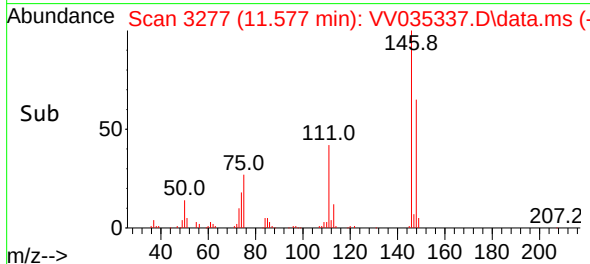
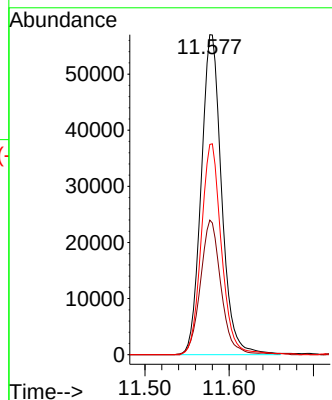
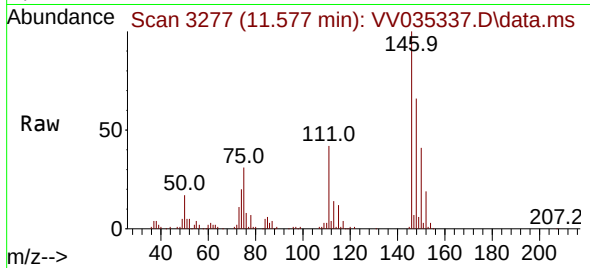




#67
 1,2-Dichlorobenzene
 Concen: 53.980 ug/L
 RT: 11.577 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV035337.D
 Acq: 22 Apr 2024 16:48

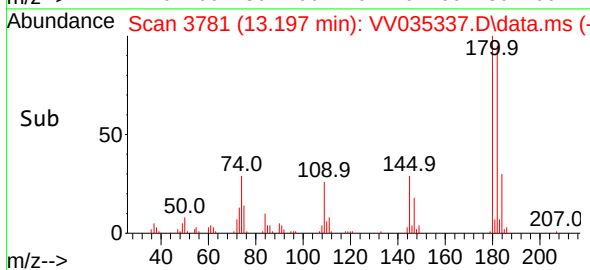
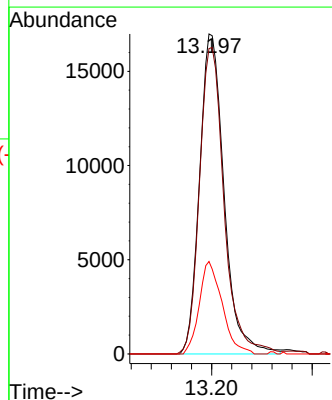
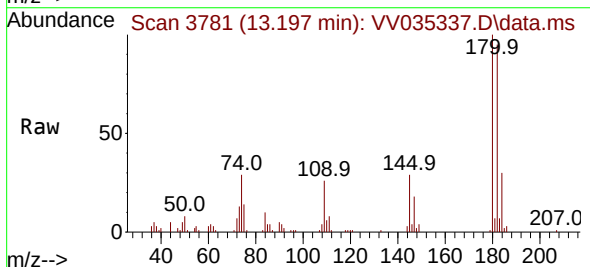
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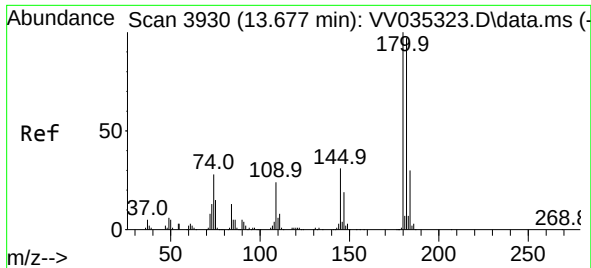
Tgt Ion:146 Resp: 96337
 Ion Ratio Lower Upper
 146 100
 111 42.1 34.6 52.0
 148 65.7 51.5 77.3



#70
 1,2,4-trichlorobenzene
 Concen: 24.172 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.003 min
 Lab File: VV035337.D
 Acq: 22 Apr 2024 16:48

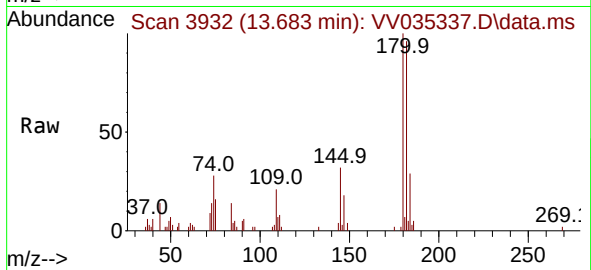
Tgt Ion:180 Resp: 28668
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.6 113.4
 145 27.0 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 8.977 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035337.D
 Acq: 22 Apr 2024 16:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE0DL



Tgt Ion:	180	Resp:	10495
Ion Ratio	Lower	Upper	
180	100		
182	89.8	76.2	114.2
145	29.9	25.8	38.6

