

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035339.D
 Acq On : 22 Apr 2024 17:35
 Operator : SY/MD
 Sample : P2158-12DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE2DL

Quant Time: Apr 23 00:32:50 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)

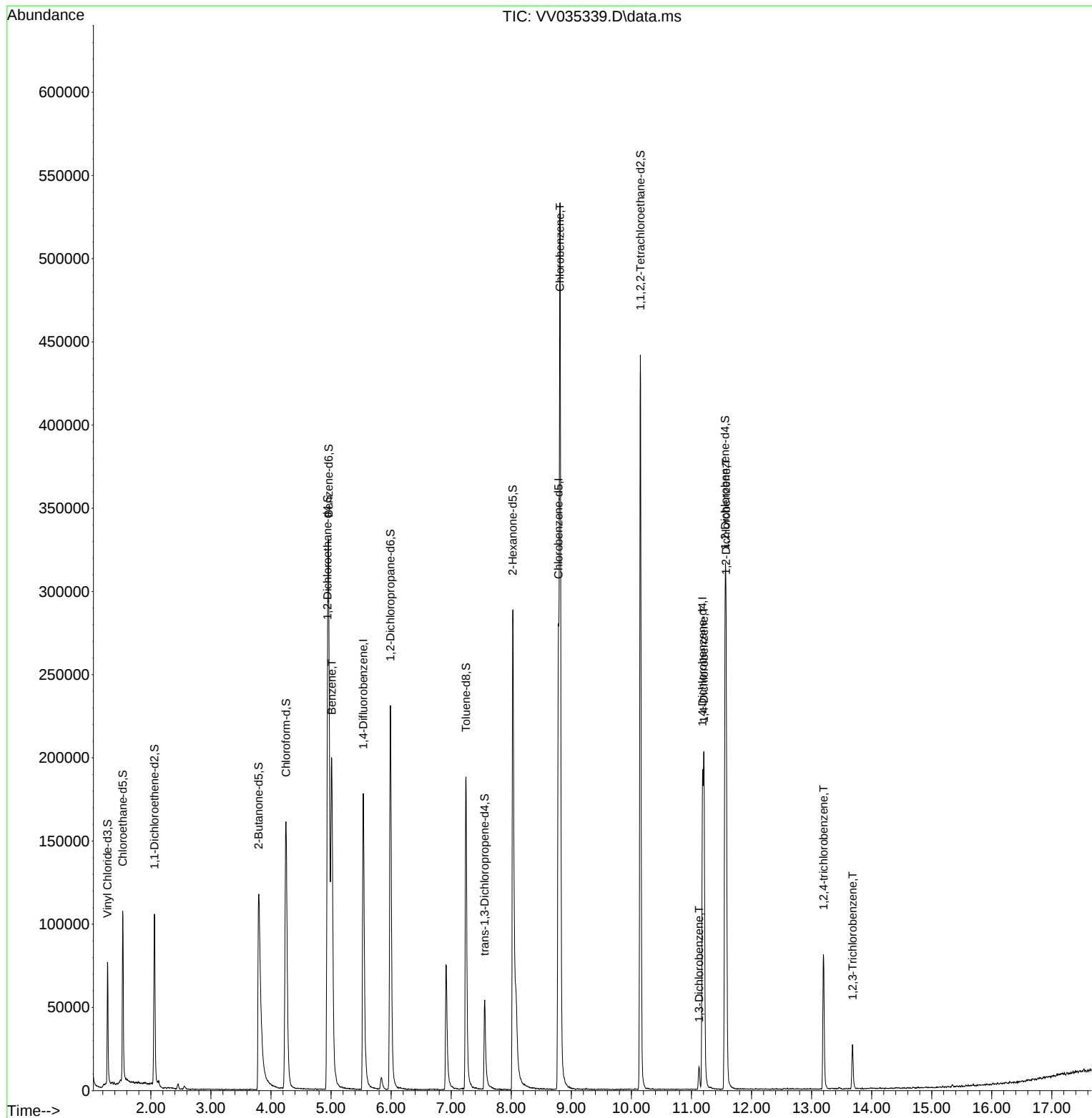
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	164757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47631	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48584	30.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.060%
7) Chloroethane-d5	1.532	69	65168	47.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.300%
11) 1,1-Dichloroethene-d2	2.060	65	17695	25.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.740%#
21) 2-Butanone-d5	3.796	46	207063	219.422	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	219.420%#
24) Chloroform-d	4.249	84	180621	67.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.040%#
26) 1,2-Dichloroethane-d4	4.940	65	144361	84.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	169.980%#
32) Benzene-d6	4.960	84	260353	55.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.320%
36) 1,2-Dichloropropane-d6	5.989	67	120892	81.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	162.780%#
41) Toluene-d8	7.246	98	139672	33.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.320%#
43) trans-1,3-Dichloroprop...	7.558	79	37835	52.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.800%
47) 2-Hexanone-d5	8.024	63	98352	175.132	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	175.130%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	216628	105.907	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	211.820%#
66) 1,2-Dichlorobenzene-d4	11.561	152	62178	58.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.280%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	215422	47.441	ug/L	100
51) Chlorobenzene	8.812	112	289719	94.030	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	6320	3.938	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	80198	49.146	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	97308	60.873	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	26345	24.799	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	9050	8.642	ug/L	97

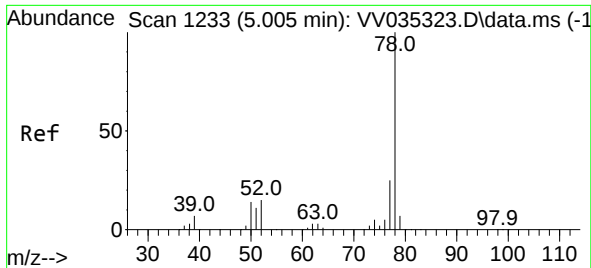
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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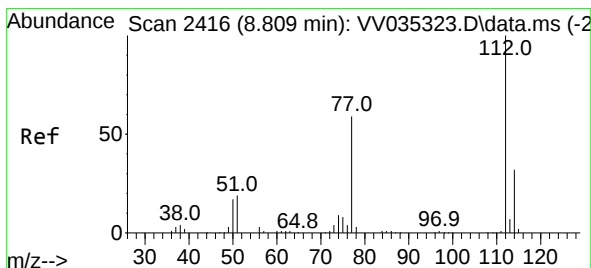
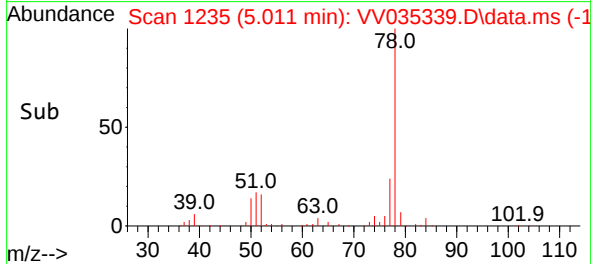
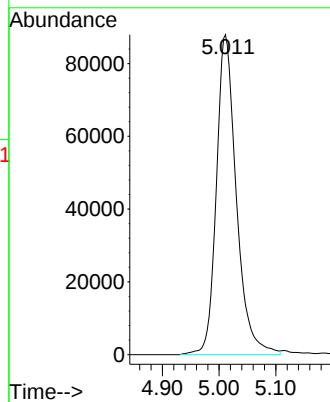
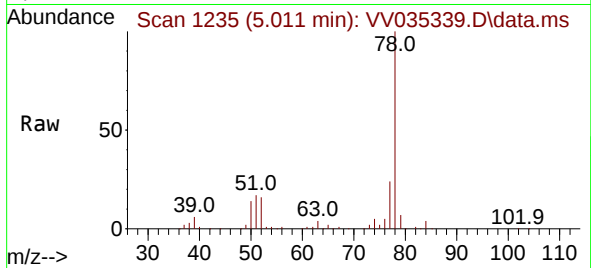




#33
Benzene
Concen: 47.441 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035339.D
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MSVOA_V
ClientSampleId :
MC0RE2DL

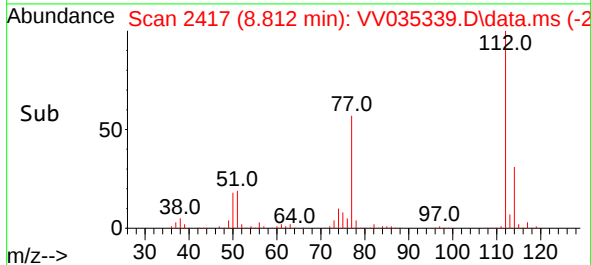
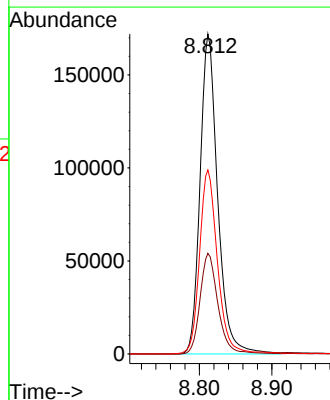
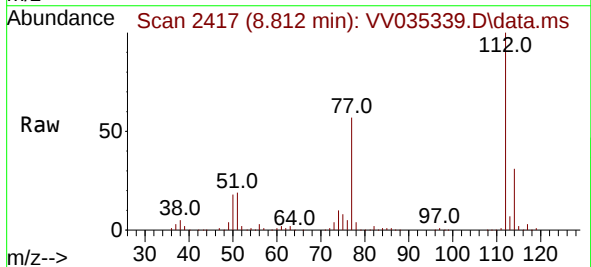
Tgt Ion: 78 Resp: 215422

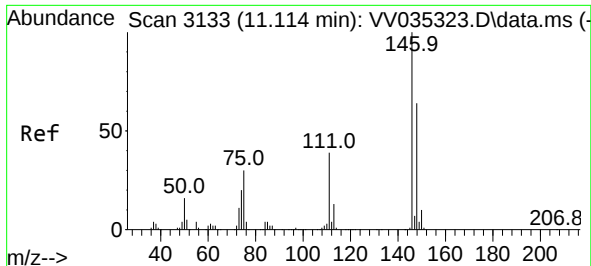


#51
Chlorobenzene
Concen: 94.030 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

Tgt Ion: 112 Resp: 289719

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	41.0
77	57.5	47.4	71.2

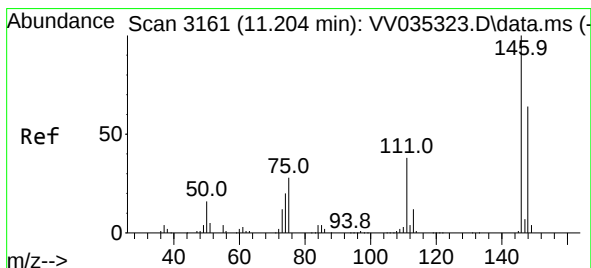
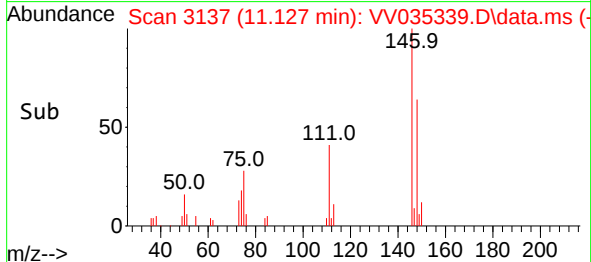
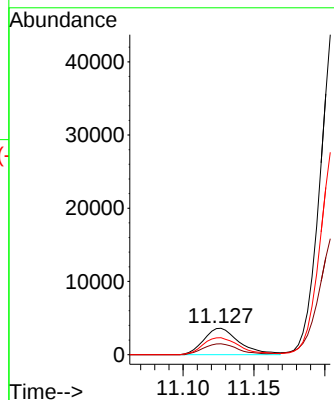
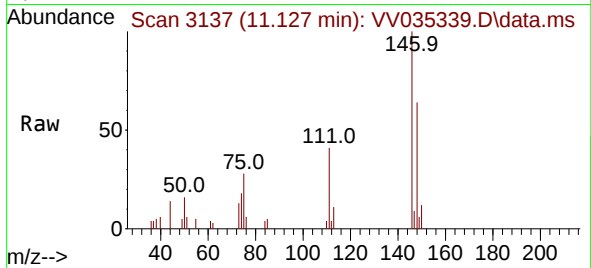




#64
1,3-Dichlorobenzene
Concen: 3.938 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

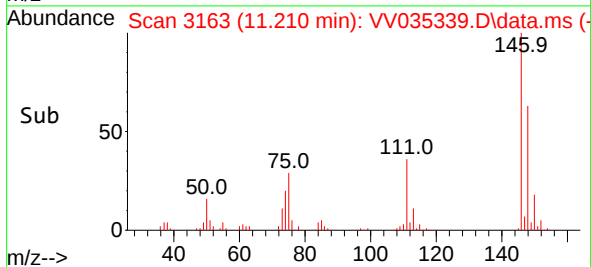
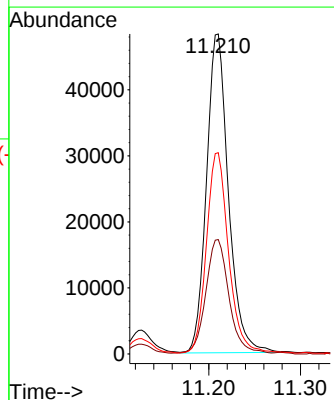
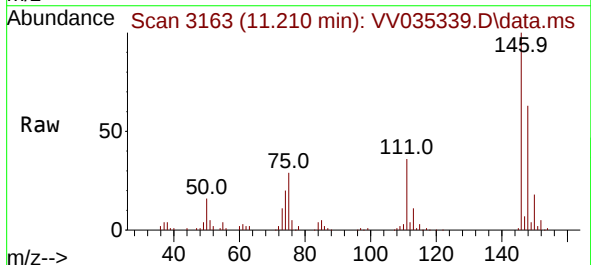
Instrument :
MSVOA_V
ClientSampleId :
MC0RE2DL

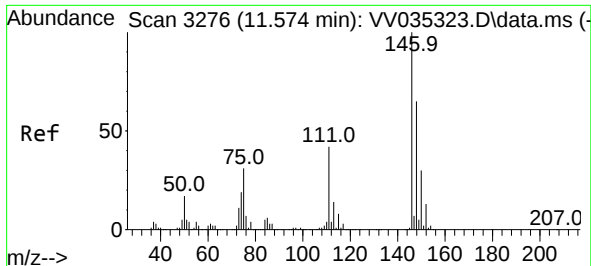
Tgt Ion:146 Resp: 6320
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 64.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 49.146 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

Tgt Ion:146 Resp: 80198
Ion Ratio Lower Upper
146 100
111 35.7 27.4 50.8
148 62.9 44.2 82.2

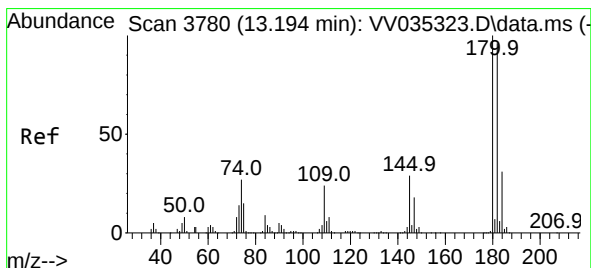
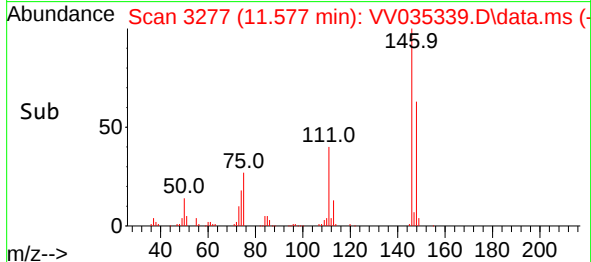
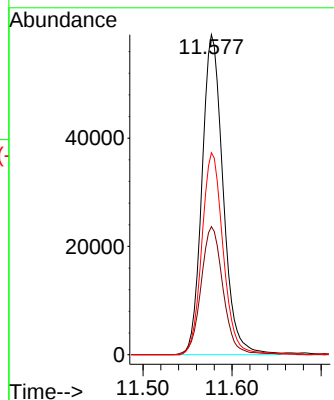
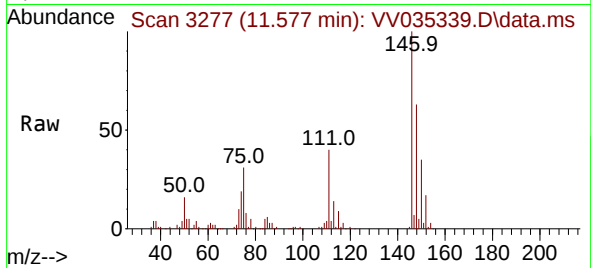




#67
1,2-Dichlorobenzene
Concen: 60.873 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

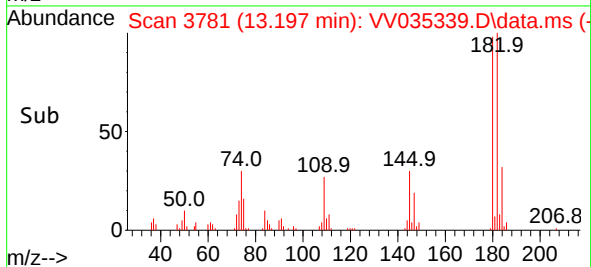
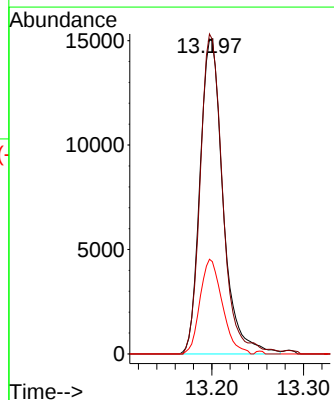
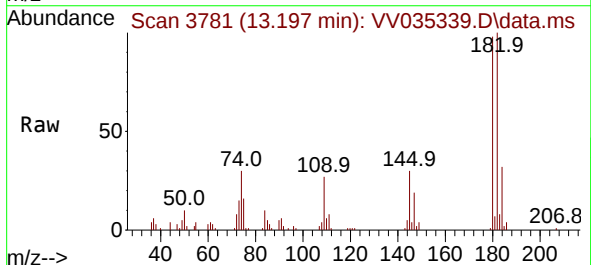
Instrument :
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ClientSampleId :
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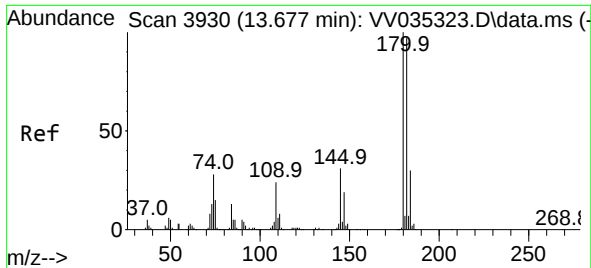
Tgt Ion:146 Resp: 97308
Ion Ratio Lower Upper
146 100
111 40.0 34.6 52.0
148 63.1 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 24.799 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

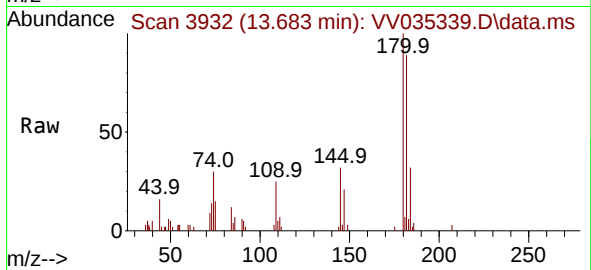
Tgt Ion:180 Resp: 26345
Ion Ratio Lower Upper
180 100
182 96.3 75.6 113.4
145 29.0 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 8.642 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035339.D
 Acq: 22 Apr 2024 17:35

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE2DL



Tgt Ion:	180	Resp:	9050
Ion	Ratio	Lower	Upper
180	100		
182	91.6	76.2	114.2
145	31.5	25.8	38.6

