

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035398.D
 Acq On : 24 Apr 2024 19:26
 Operator : SY/MD
 Sample : P2182-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RC9

Quant Time: Apr 25 02:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

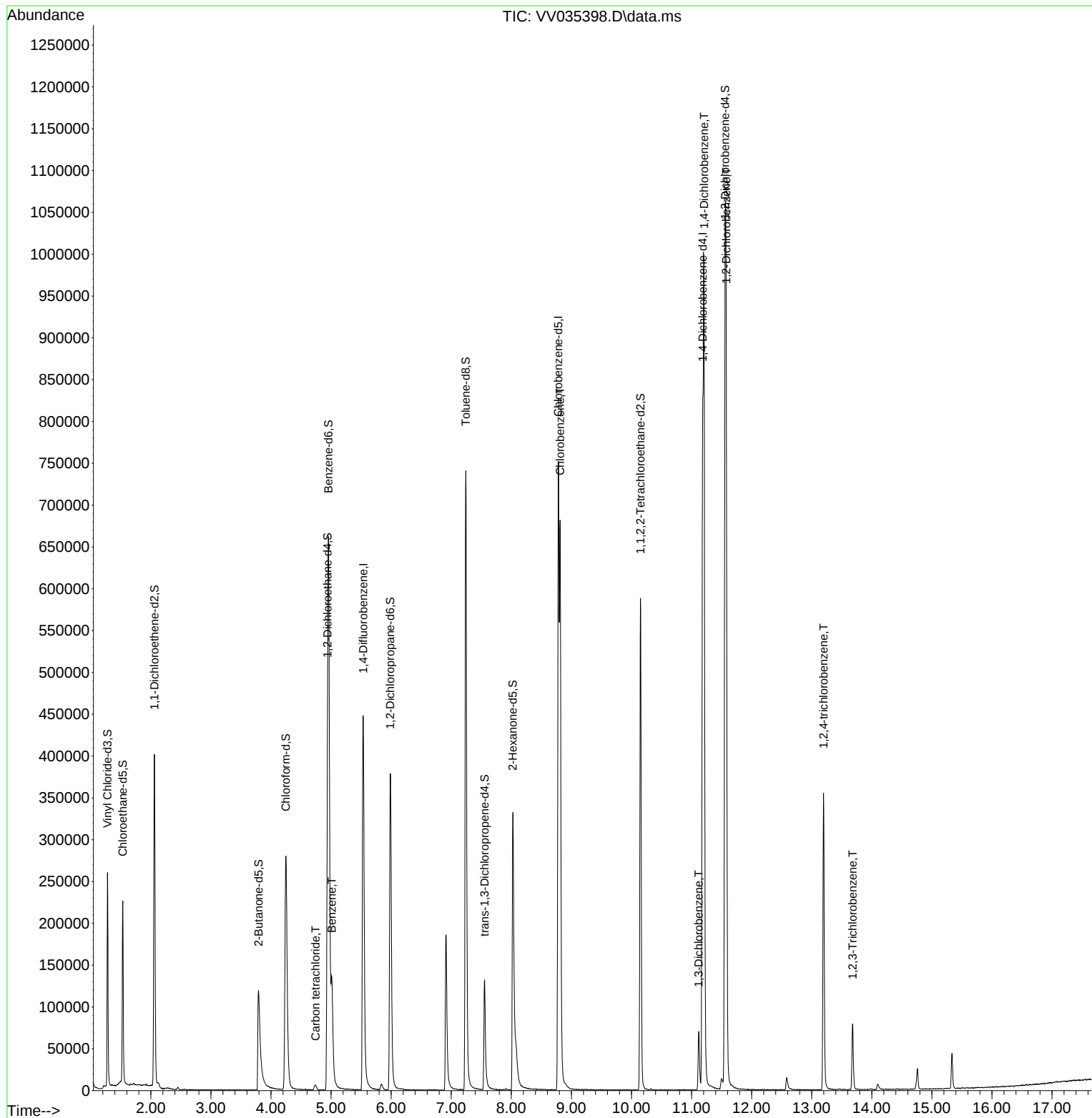
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	412356	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	408670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	193452	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167603	42.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.180%
7) Chloroethane-d5	1.532	69	140168	40.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.040%
11) 1,1-Dichloroethene-d2	2.059	65	70097	40.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
21) 2-Butanone-d5	3.793	46	208978	88.481	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.480%
24) Chloroform-d	4.246	84	310841	46.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	4.940	65	191370	45.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
32) Benzene-d6	4.957	84	611652	44.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	5.985	67	201149	46.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	7.243	98	517303	41.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.680%
43) trans-1,3-Dichloroprop...	7.554	79	85702	40.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
47) 2-Hexanone-d5	8.024	63	116212	70.512	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.510%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	286954	47.803	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	222864	51.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.620%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	4.741	117	5064	1.122	ug/L	97
33) Benzene	5.011	78	145128	10.890	ug/L	100
51) Chlorobenzene	8.812	112	375917	41.573	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	31866	4.889	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	384600	58.029	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	317422	48.891	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	112095	25.980	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	26003	6.114	ug/L	99

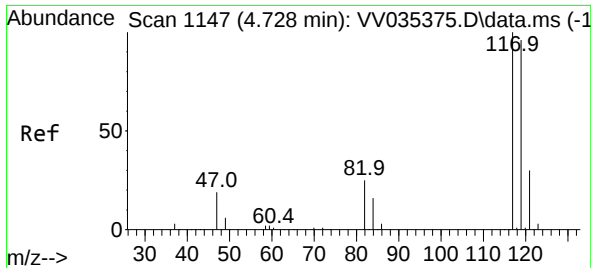
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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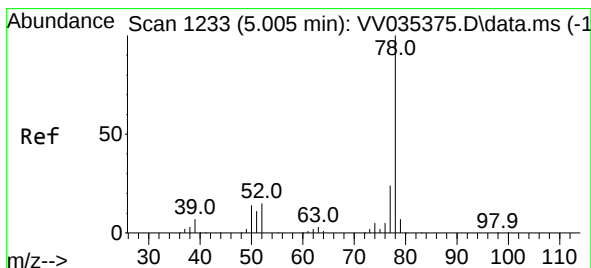
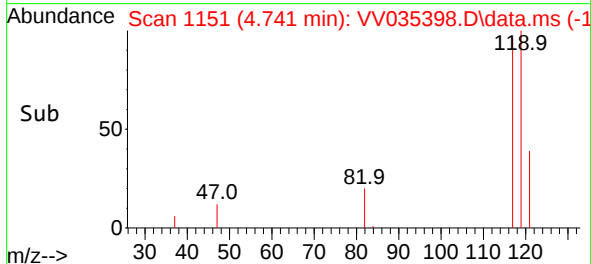
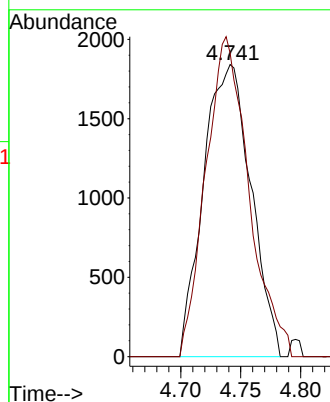
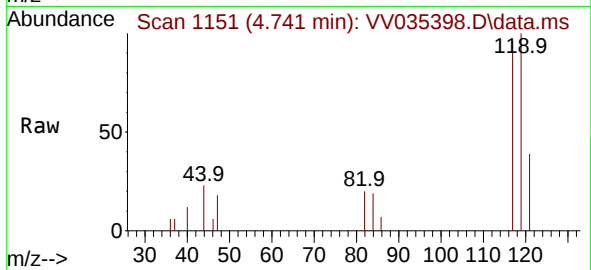




#31
Carbon tetrachloride
Concen: 1.122 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.013 min
Lab File: VV035398.D
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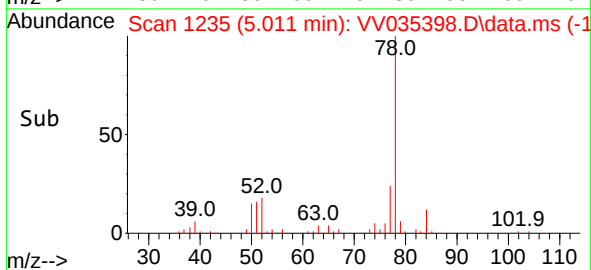
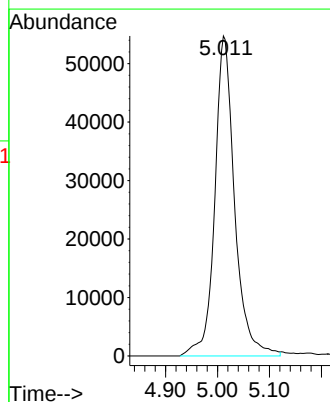
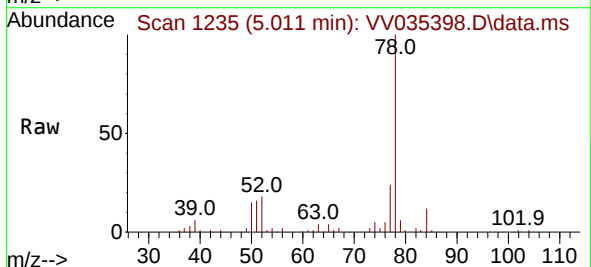
Instrument :
MSVOA_V
ClientSampleId :
MC0RC9

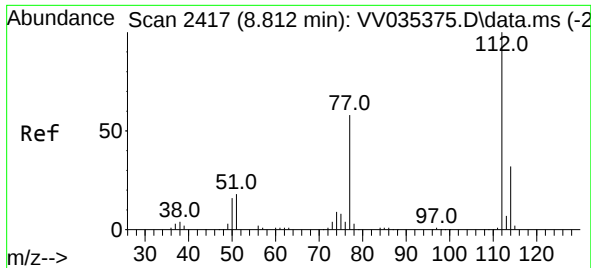
Tgt Ion:117 Resp: 5064
Ion Ratio Lower Upper
117 100
119 99.5 77.1 115.7



#33
Benzene
Concen: 10.890 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

Tgt Ion: 78 Resp: 145128

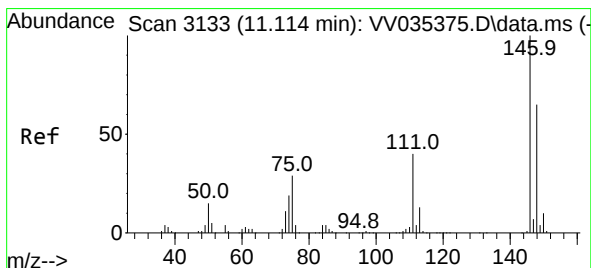
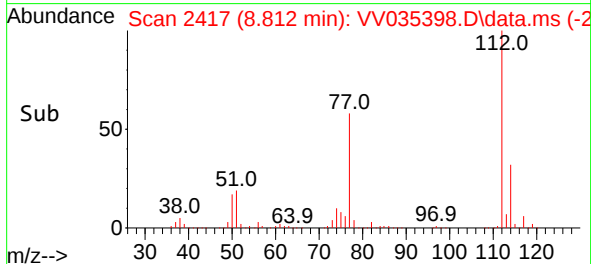
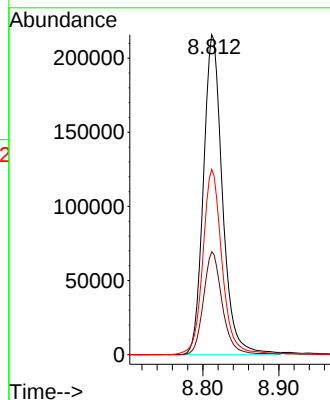
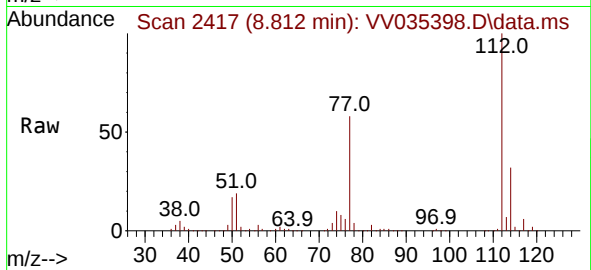




#51
Chlorobenzene
Concen: 41.573 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

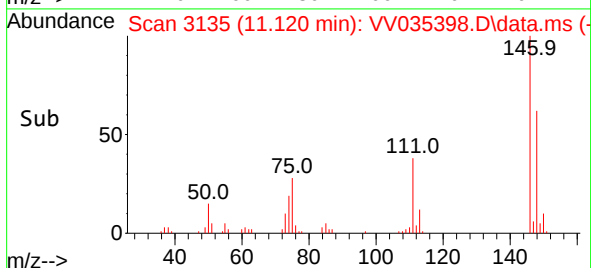
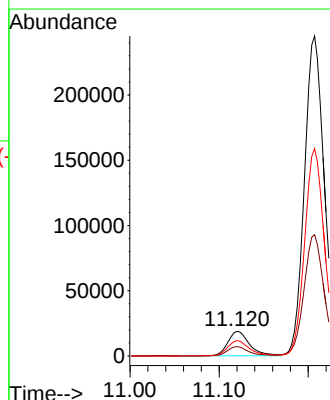
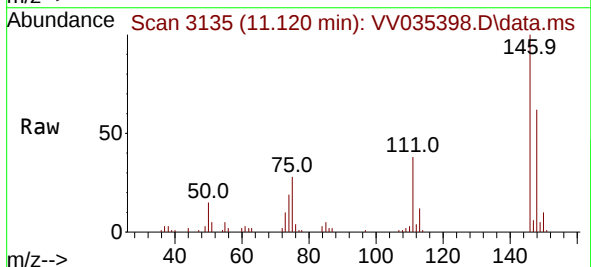
Instrument :
MSVOA_V
ClientSampleId :
MC0RC9

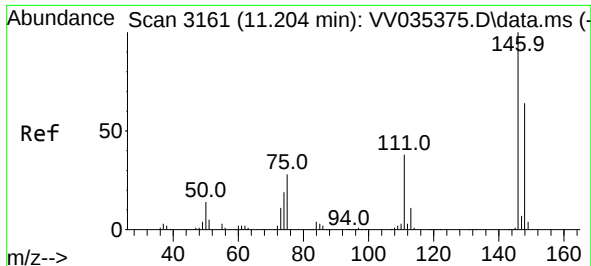
Tgt Ion:112 Resp: 375917
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 57.9 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 4.889 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

Tgt Ion:146 Resp: 31866
Ion Ratio Lower Upper
146 100
111 37.6 28.7 53.3
148 62.3 44.0 81.8

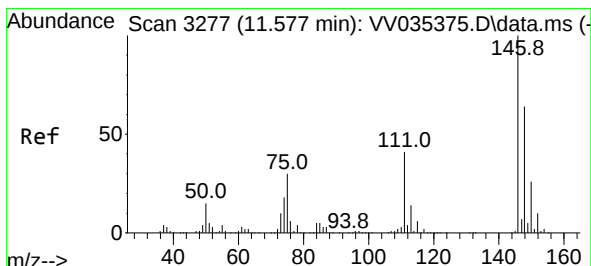
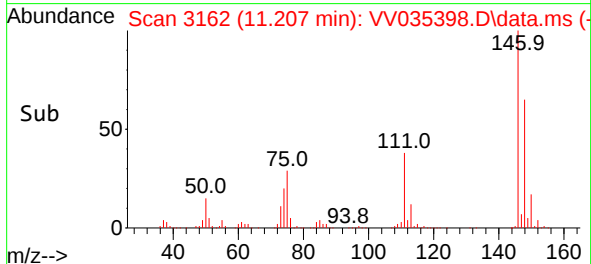
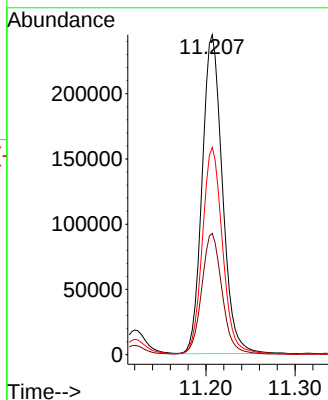
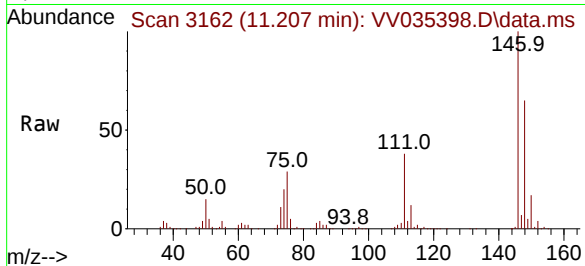




#65
1,4-Dichlorobenzene
Concen: 58.029 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

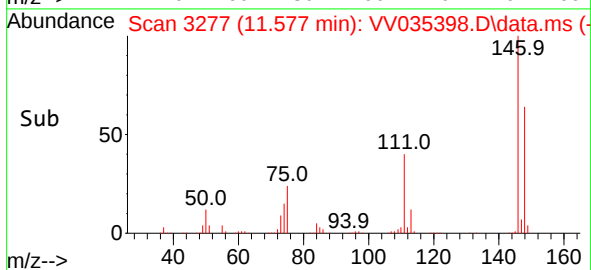
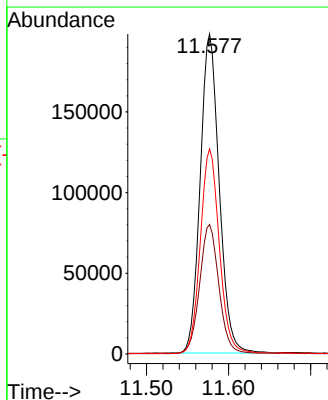
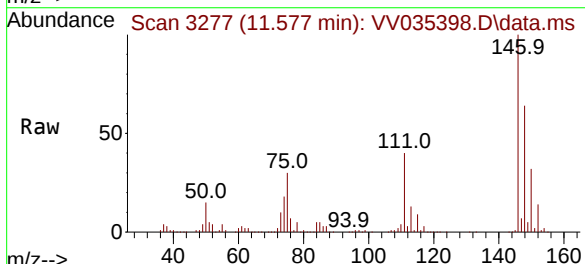
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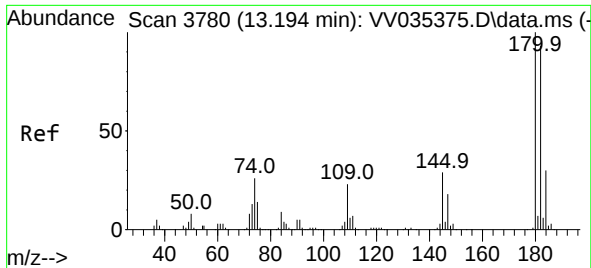
Tgt Ion:146 Resp: 384600
Ion Ratio Lower Upper
146 100
111 37.9 27.4 50.8
148 64.8 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 48.891 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

Tgt Ion:146 Resp: 317422
Ion Ratio Lower Upper
146 100
111 40.4 34.6 52.0
148 64.1 51.5 77.3

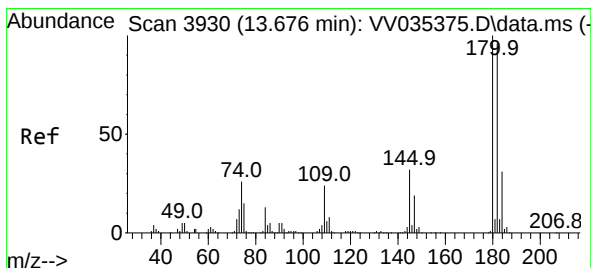
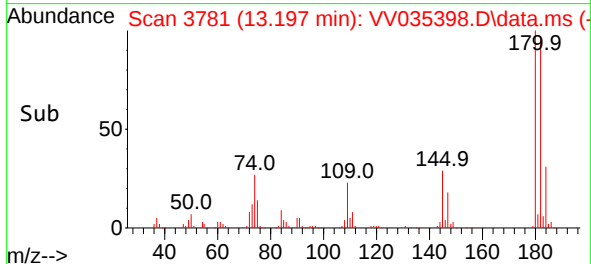
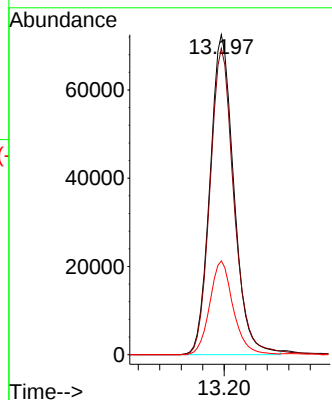
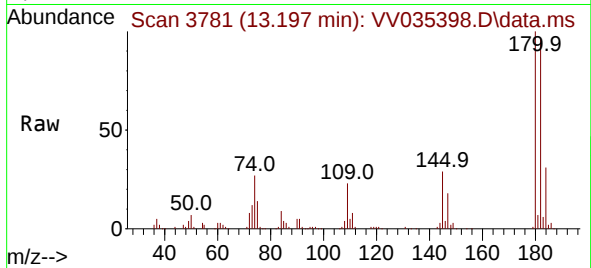




#70
1,2,4-trichlorobenzene
Concen: 25.980 ug/L
RT: 13.197 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

Instrument :
MSVOA_V
ClientSampleId :
MC0RC9

Tgt Ion:180 Resp: 112095
Ion Ratio Lower Upper
180 100
182 96.4 75.6 113.4
145 28.8 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 6.114 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035398.D
Acq: 24 Apr 2024 19:26

Tgt Ion:180 Resp: 26003
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.2
145 31.5 25.8 38.6

