

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035147.D
 Acq On : 19 Apr 2023 00:57
 Operator : JC/MD
 Sample : 02397-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM3

Quant Time: Apr 19 01:39:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

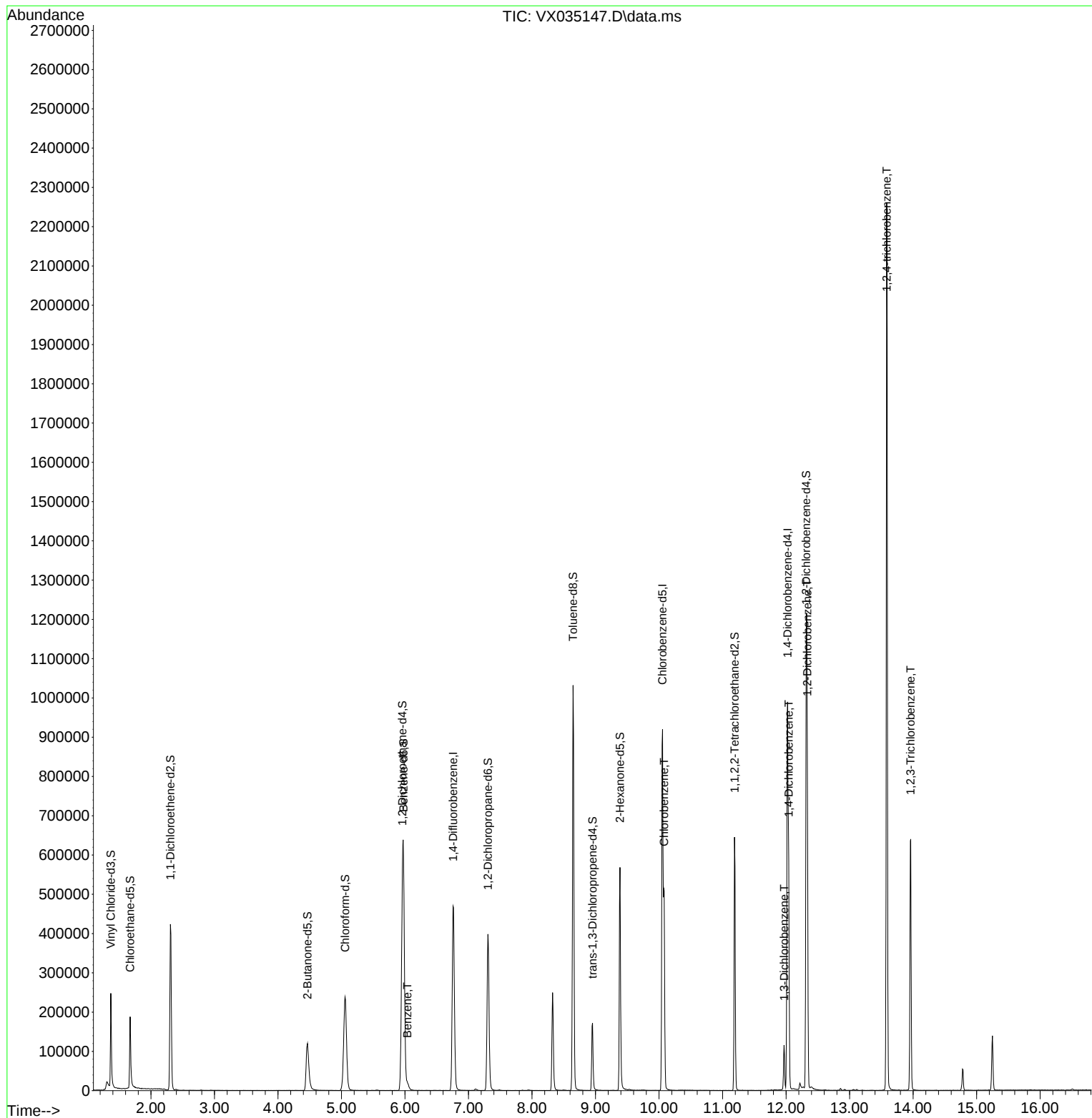
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	487911	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	423627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	166234	52.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 105.680%		
7) Chloroethane-d5	1.672	69	127712	56.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 112.360%		
11) 1,1-Dichloroethene-d2	2.306	65	77260	51.324	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 102.640%		
21) 2-Butanone-d5	4.465	46	230305	109.851	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 109.850%		
24) Chloroform-d	5.056	84	305140	51.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 103.000%		
26) 1,2-Dichloroethane-d4	5.958	65	201244	52.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 105.780%		
32) Benzene-d6	5.976	84	657595	54.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 108.080%		
36) 1,2-Dichloropropane-d6	7.306	67	201764	54.278	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 108.560%		
41) Toluene-d8	8.647	98	598076	53.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 107.560%		
43) trans-1,3-Dichloroprop...	8.952	79	83682	51.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 103.020%		
47) 2-Hexanone-d5	9.384	63	165179	110.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 110.650%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	245235	53.869	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 107.740%		
66) 1,2-Dichlorobenzene-d4	12.317	152	210311	54.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 109.120%		
Target Compounds						
						Qvalue
33) Benzene	6.037	78	18766	1.463	ug/L	100
51) Chlorobenzene	10.079	112	222731	25.400	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	37343	6.053	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	184112	29.165	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	233307	37.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	522577	146.332	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	161936	45.933	ug/L	100

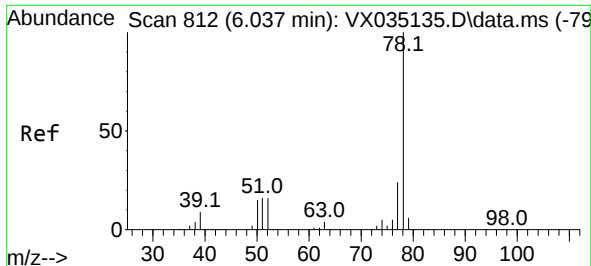
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
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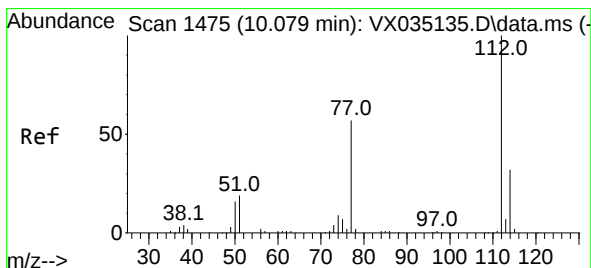
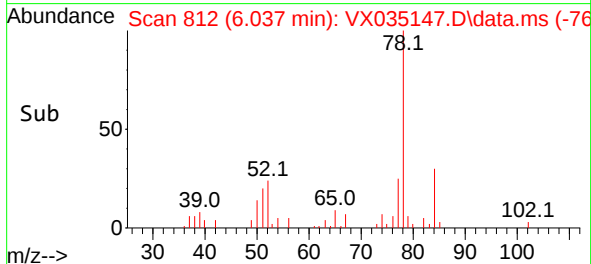
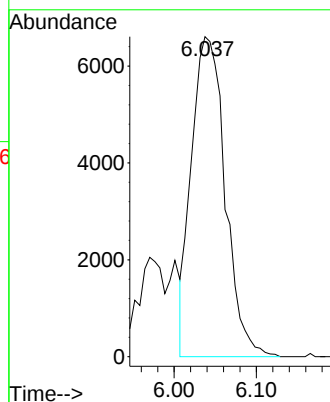
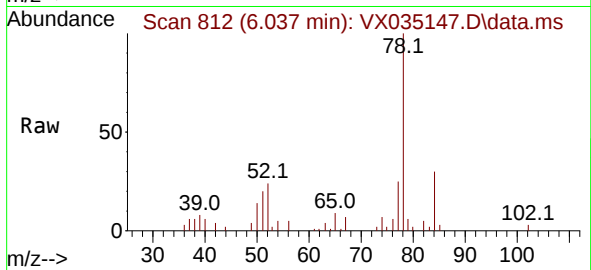




#33
Benzene
Concen: 1.463 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

Instrument :
MSVOA_X
ClientSampleId :
COMM3

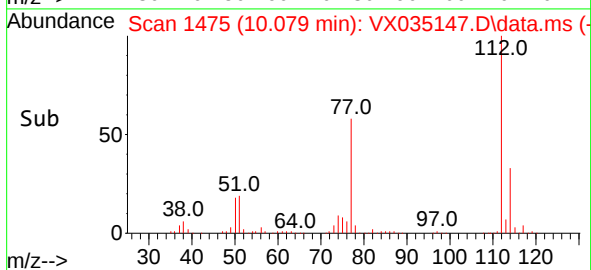
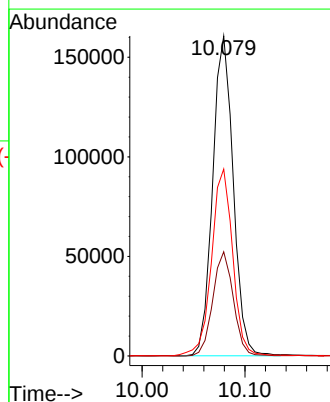
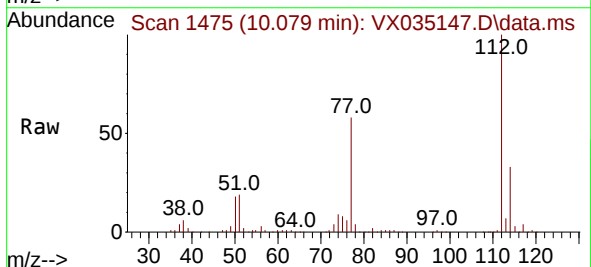
Tgt Ion: 78 Resp: 18766

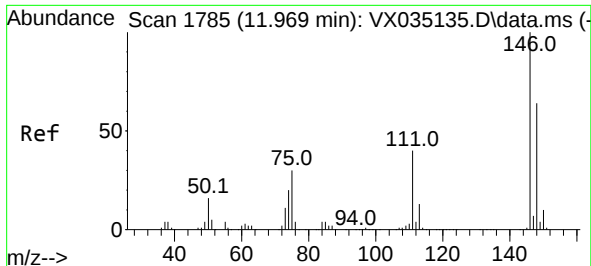


#51
Chlorobenzene
Concen: 25.400 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

Tgt Ion:112 Resp: 222731

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	58.4	47.0	70.6

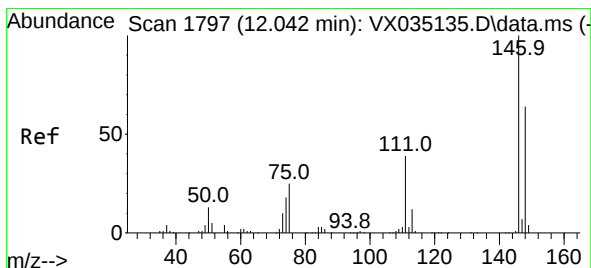
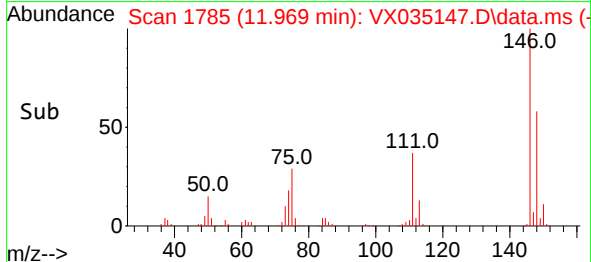
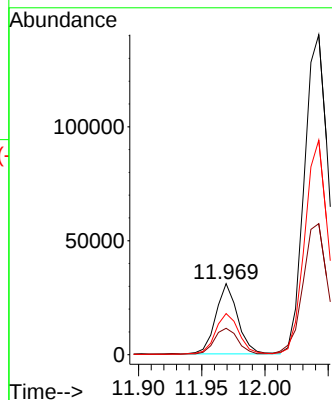
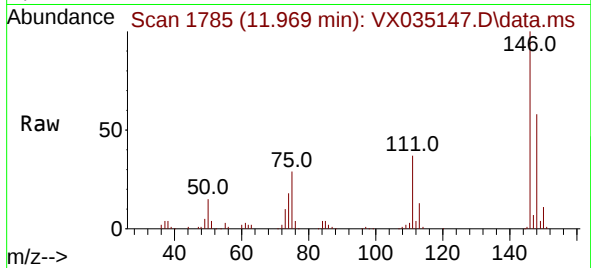




#64
1,3-Dichlorobenzene
Concen: 6.053 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

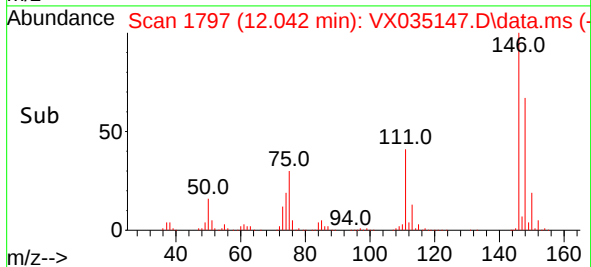
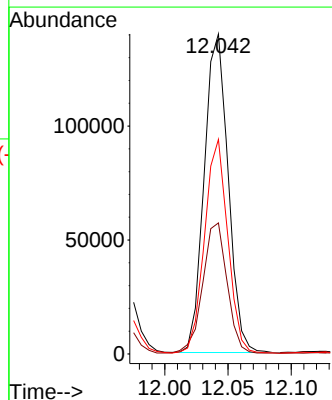
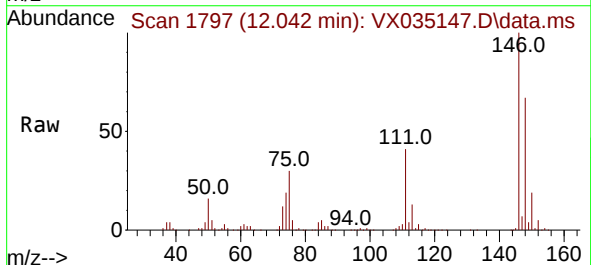
Instrument :
MSVOA_X
ClientSampleId :
COMM3

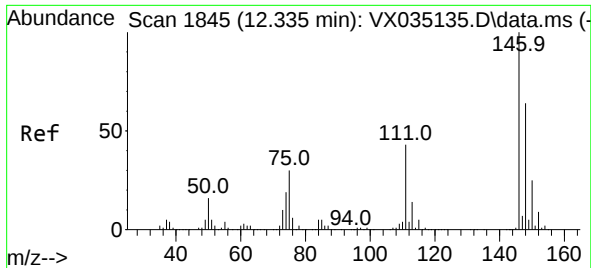
Tgt Ion:146 Resp: 37343
Ion Ratio Lower Upper
146 100
111 37.2 28.9 53.7
148 58.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 29.165 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

Tgt Ion:146 Resp: 184112
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.7
148 67.1 45.9 85.3

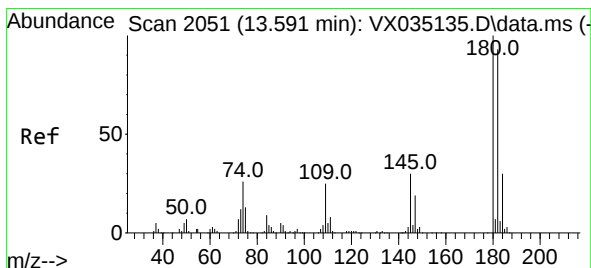
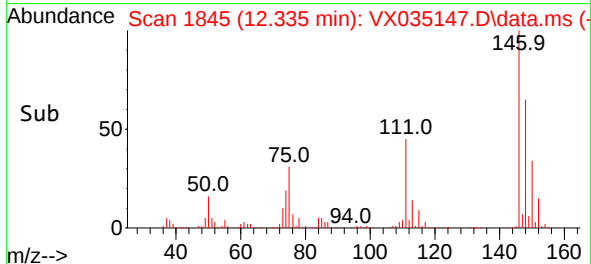
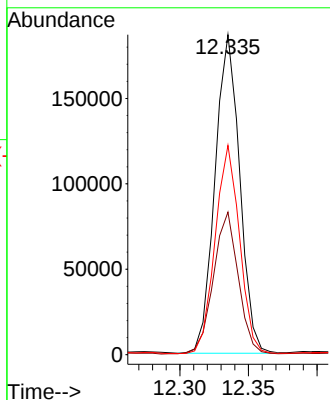
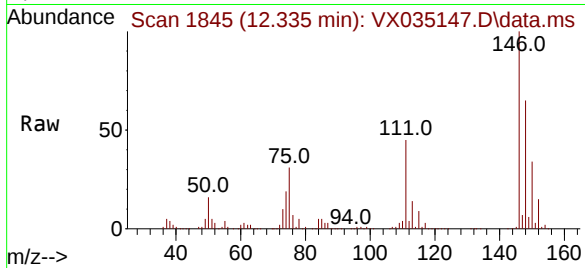




#67
1,2-Dichlorobenzene
Concen: 37.298 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

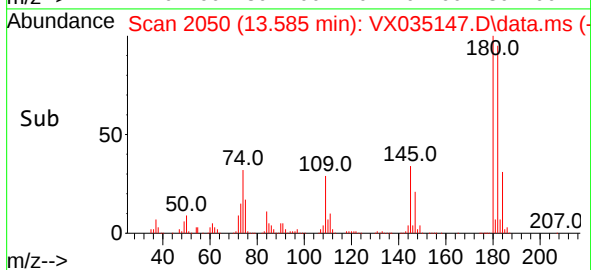
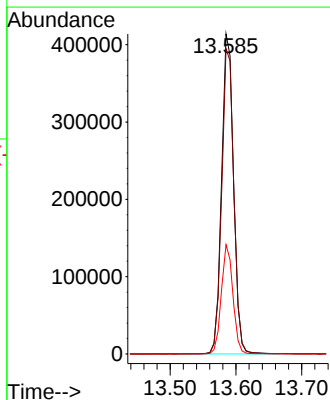
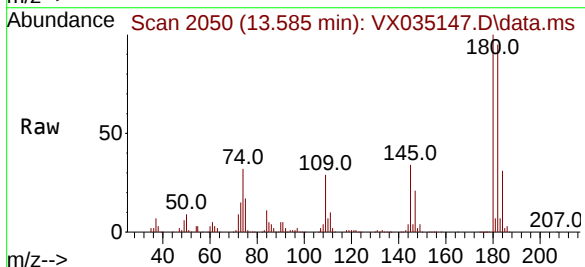
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MSVOA_X
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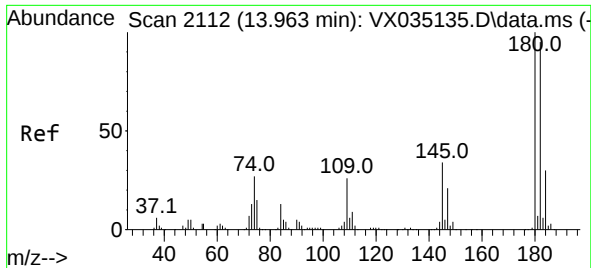
Tgt Ion:146 Resp: 233307
Ion Ratio Lower Upper
146 100
111 44.6 34.7 52.1
148 65.4 52.1 78.1



#70
1,2,4-trichlorobenzene
Concen: 146.332 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX035147.D
Acq: 19 Apr 2023 00:57

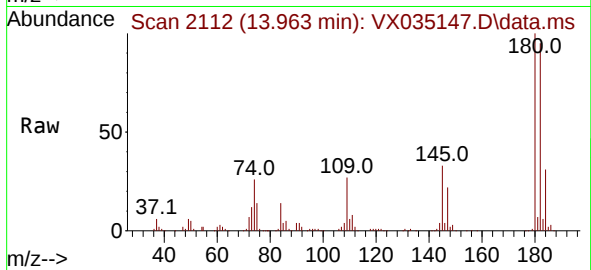
Tgt Ion:180 Resp: 522577
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 32.8 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 45.933 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035147.D
 Acq: 19 Apr 2023 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM3



Tgt Ion:	180	Resp:	161936
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	34.1	27.1	40.7

