

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035171.D
 Acq On : 19 Apr 2023 15:52
 Operator : JC/MD
 Sample : 02397-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4

Quant Time: Apr 20 02:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

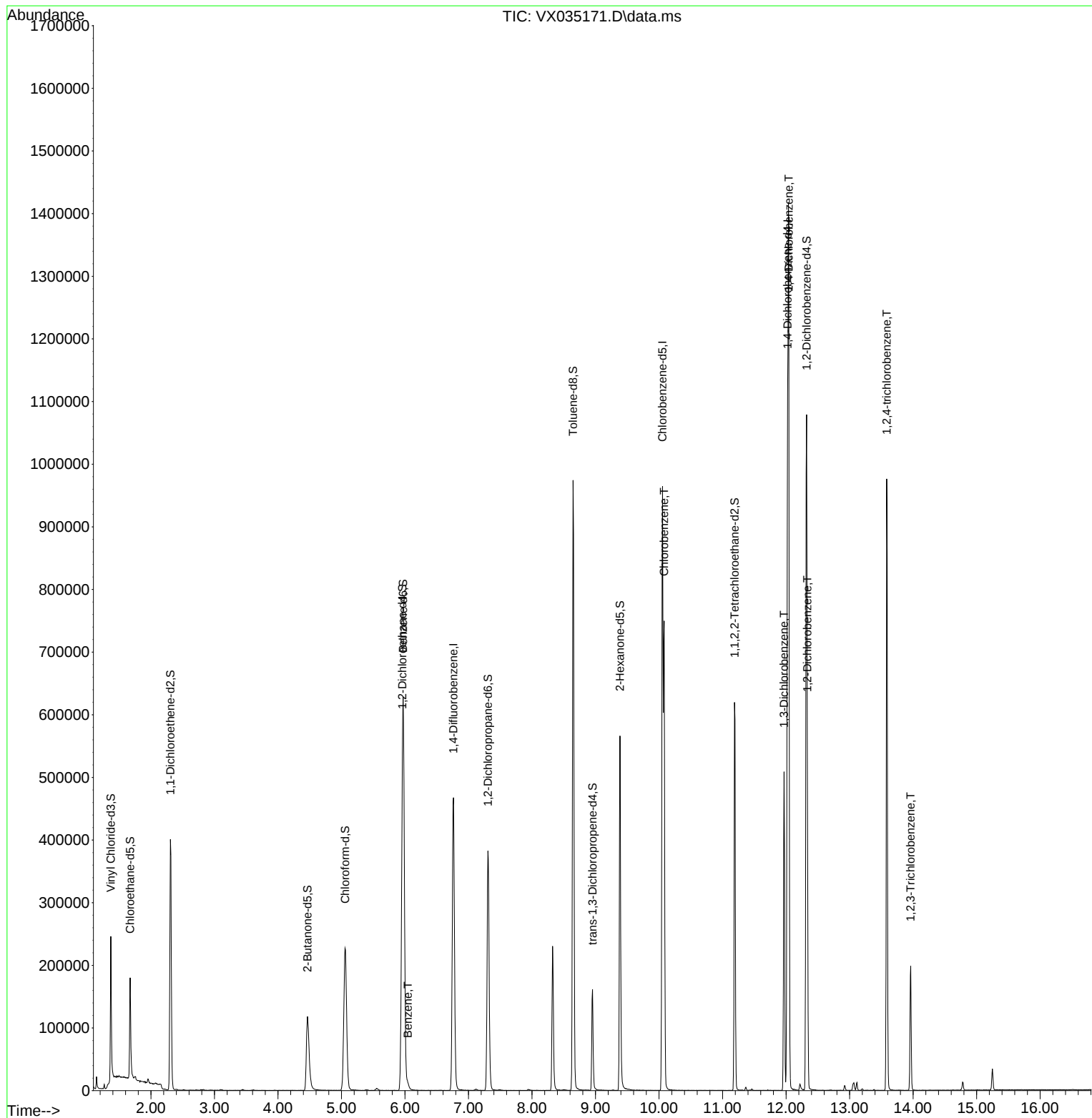
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	486317	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	419325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	197377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	140446	44.788	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.580%	
7) Chloroethane-d5	1.672	69	113461	50.074	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.140%	
11) 1,1-Dichloroethene-d2	2.306	65	71844	47.883	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.760%	
21) 2-Butanone-d5	4.464	46	228618	109.404	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.400%	
24) Chloroform-d	5.056	84	295878	50.104	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.958	65	197946	52.198	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.400%	
32) Benzene-d6	5.970	84	639107	53.057	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.120%	
36) 1,2-Dichloropropane-d6	7.305	67	197734	53.739	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	107.480%	
41) Toluene-d8	8.647	98	570814	51.851	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.700%	
43) trans-1,3-Dichloroprop...	8.951	79	75861	47.177	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.360%	
47) 2-Hexanone-d5	9.384	63	162946	110.278	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.280%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	243112	53.951	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.900%	
66) 1,2-Dichlorobenzene-d4	12.323	152	204247	53.399	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
33) Benzene	6.043	78	11298	0.890	ug/L	100
51) Chlorobenzene	10.079	112	321601	37.051	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	158568	25.905	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	430550	68.740	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	123361	19.876	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	226776	64.001	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	48238	13.790	ug/L	98

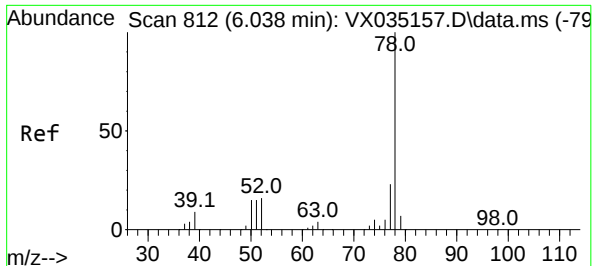
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
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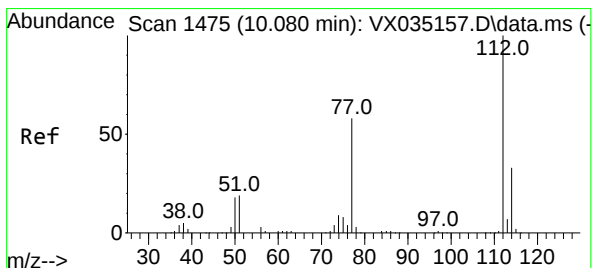
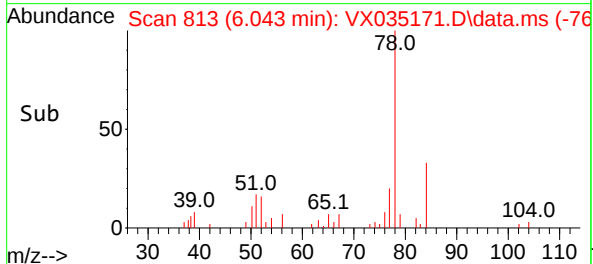
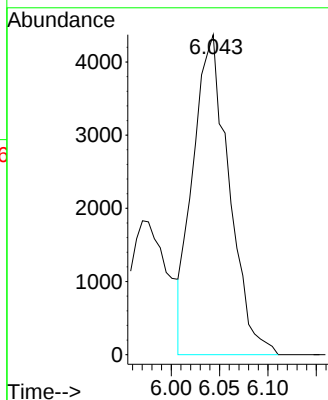
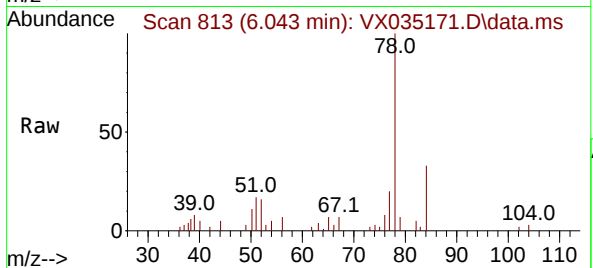




#33
Benzene
Concen: 0.890 ug/L
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035171.D
Acq: 19 Apr 2023 15:52

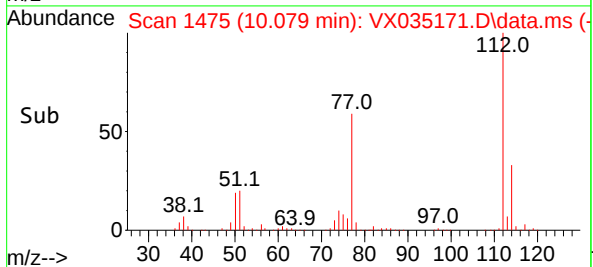
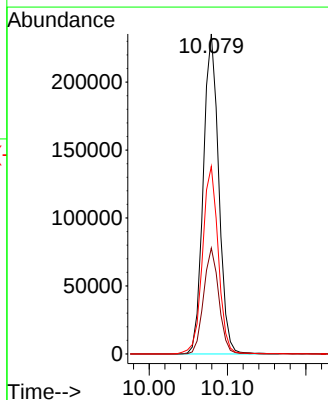
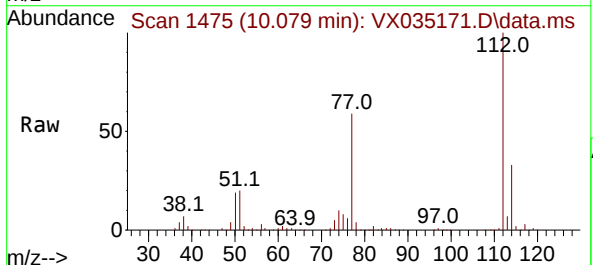
Instrument :
MSVOA_X
ClientSampleId :
COMM4

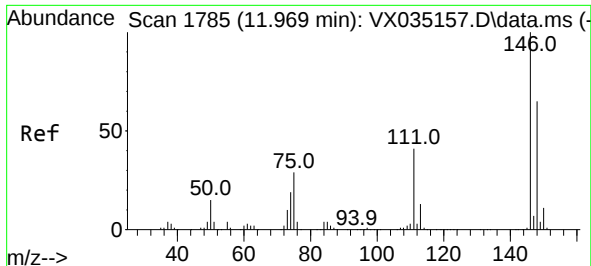
Tgt Ion: 78 Resp: 11298



#51
Chlorobenzene
Concen: 37.051 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035171.D
Acq: 19 Apr 2023 15:52

Tgt Ion:112 Resp: 321601
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.6 47.0 70.6

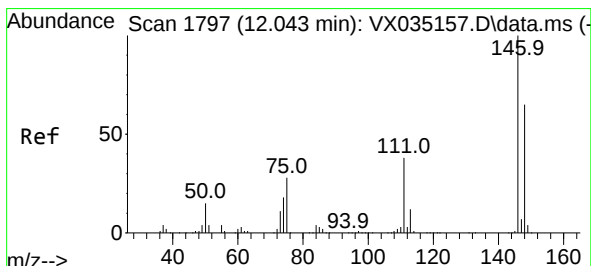
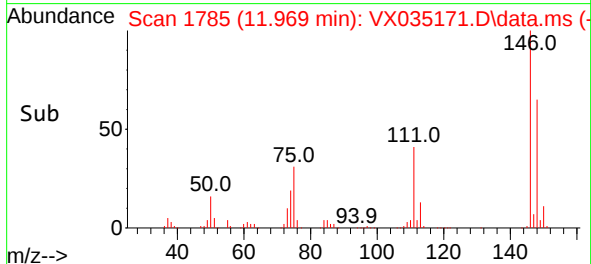
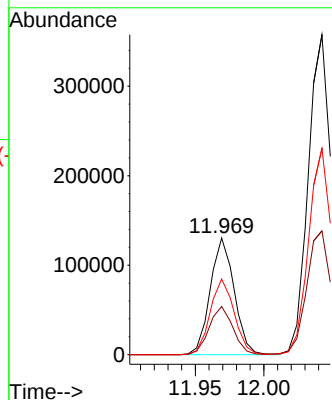
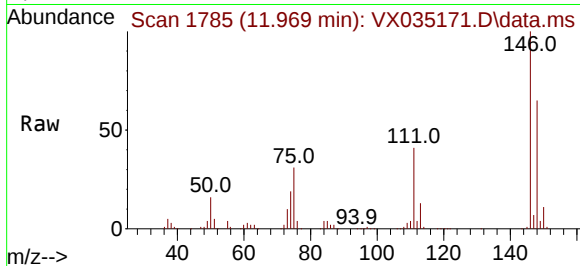




#64
 1,3-Dichlorobenzene
 Concen: 25.905 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX035171.D
 Acq: 19 Apr 2023 15:52

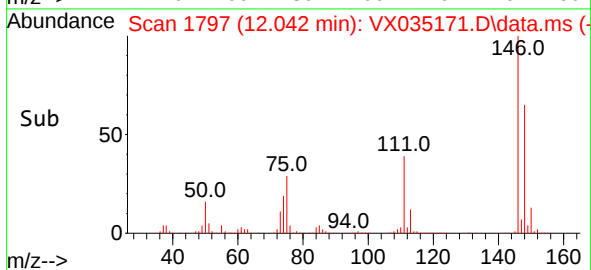
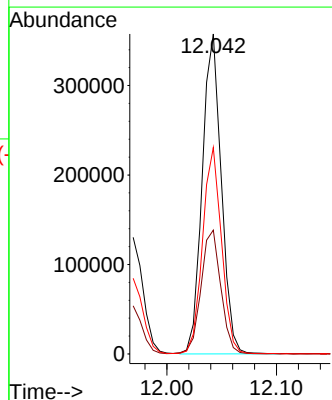
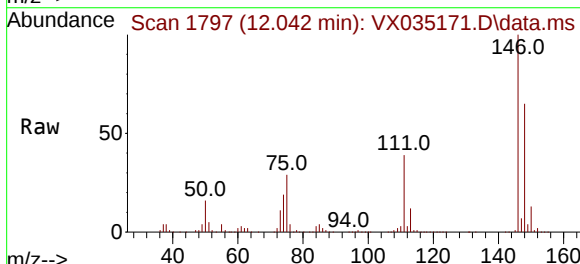
Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4

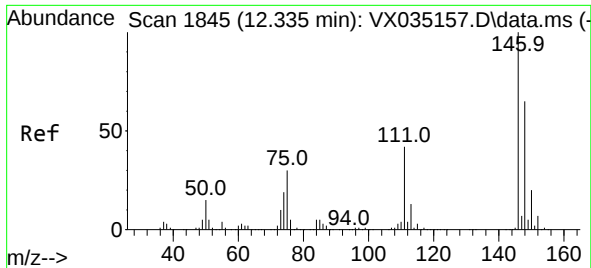
Tgt Ion:146 Resp: 158568
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.9 53.7
 148 64.8 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 68.740 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX035171.D
 Acq: 19 Apr 2023 15:52

Tgt Ion:146 Resp: 430550
 Ion Ratio Lower Upper
 146 100
 111 38.7 27.9 51.7
 148 64.5 45.9 85.3

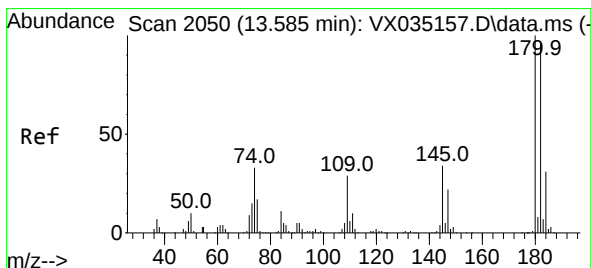
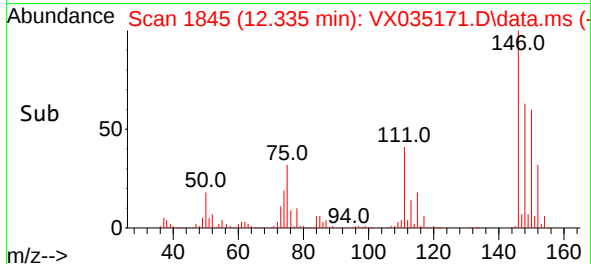
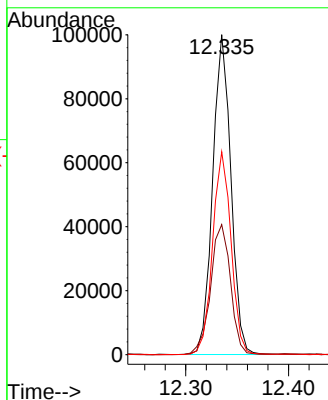
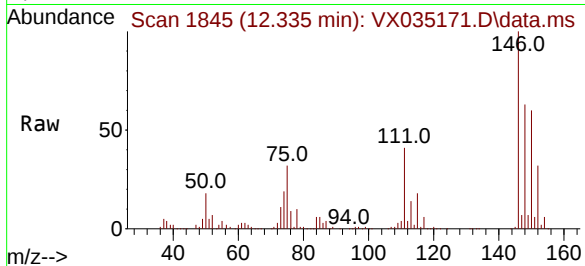




#67
1,2-Dichlorobenzene
Concen: 19.876 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035171.D
Acq: 19 Apr 2023 15:52

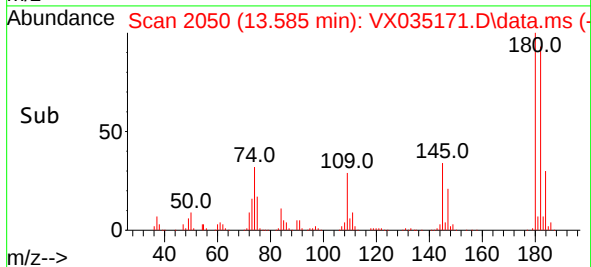
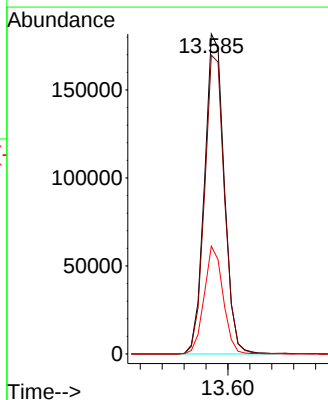
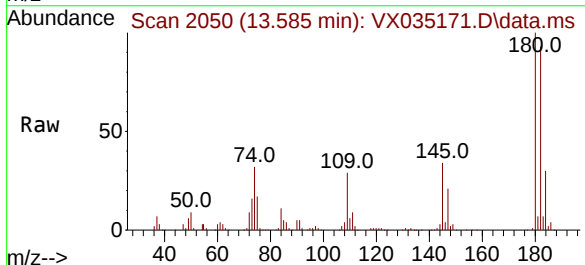
Instrument :
MSVOA_X
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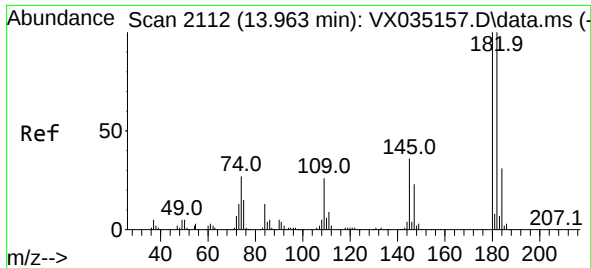
Tgt Ion:146 Resp: 123361
Ion Ratio Lower Upper
146 100
111 40.7 34.7 52.1
148 63.4 52.1 78.1



#70
1,2,4-trichlorobenzene
Concen: 64.001 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035171.D
Acq: 19 Apr 2023 15:52

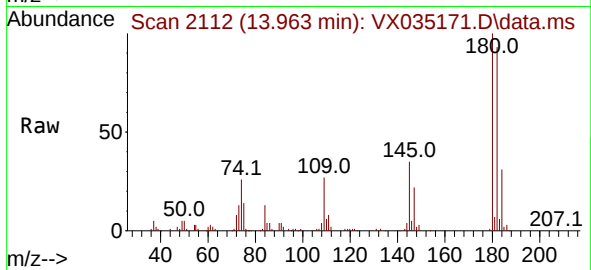
Tgt Ion:180 Resp: 226776
Ion Ratio Lower Upper
180 100
182 94.4 76.6 114.8
145 32.3 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 13.790 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035171.D
 Acq: 19 Apr 2023 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4



Tgt Ion:180 Resp: 48238
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.0 112.6
 145 33.9 27.1 40.7

