

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040993.D
 Acq On : 11 Apr 2024 22:25
 Operator : JC/MD
 Sample : P2048-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 12 01:49:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

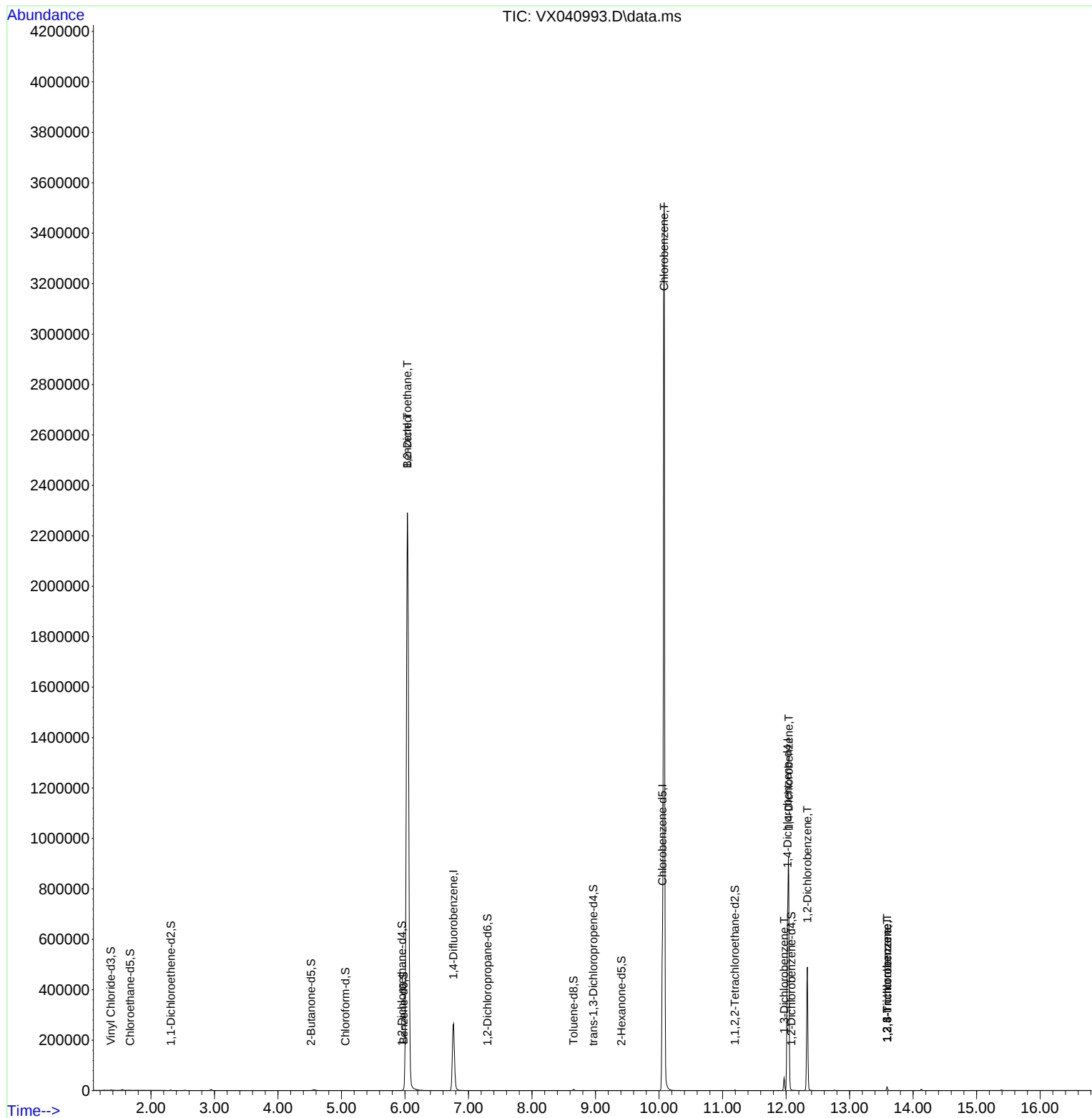
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	287007	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	137032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	658	0.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.640%#
7) Chloroethane-d5	1.672	69	429	0.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.520%#
11) 1,1-Dichloroethene-d2	2.312	65	275	0.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.640%#
21) 2-Butanone-d5	4.519	46	213	0.192	ug/L	0.07
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.190%#
24) Chloroform-d	5.062	84	729	0.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.380%#
26) 1,2-Dichloroethane-d4	5.952	65	701	0.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.560%#
32) Benzene-d6	5.976	84	2476	0.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.700%#
36) 1,2-Dichloropropane-d6	7.299	67	180	0.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.180%#
41) Toluene-d8	8.653	98	3922	0.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	1.120%#
43) trans-1,3-Dichloroprop...	8.964	79	480	0.456	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.920%#
47) 2-Hexanone-d5	9.409	63	249	0.283	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.280%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	1301	0.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.840%#
66) 1,2-Dichlorobenzene-d4	12.085	152	196	0.071	ug/L	-0.23
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.140%#
Target Compounds						
27) 1,2-Dichloroethane	6.037	62	24060	8.617	ug/L	# 74
33) Benzene	6.037	78	2781067	406.046	ug/L	100
51) Chlorobenzene	10.079	112	1591007	299.309	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	17308	4.117	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	297408	68.920	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	169862	41.656	ug/L	95
69) 1,3,5-Trichlorobenzene	13.591	180	4435	1.378	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	4435	1.454	ug/L	95
72) 1,2,3-Trichlorobenzene	13.591	180	4435	1.482	ug/L	95

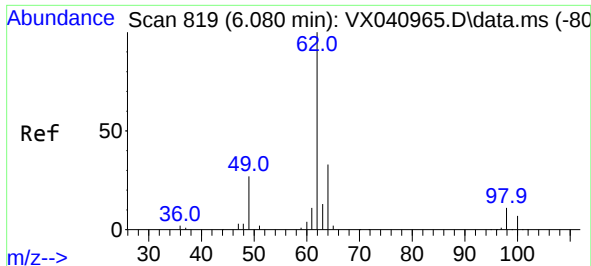
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Apr 12 01:49:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
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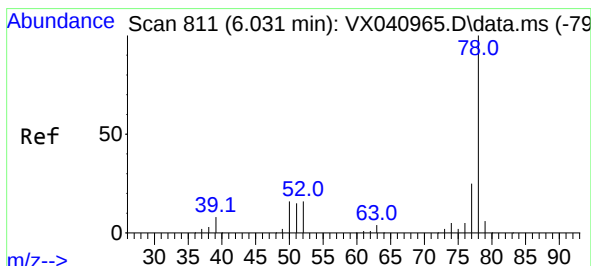
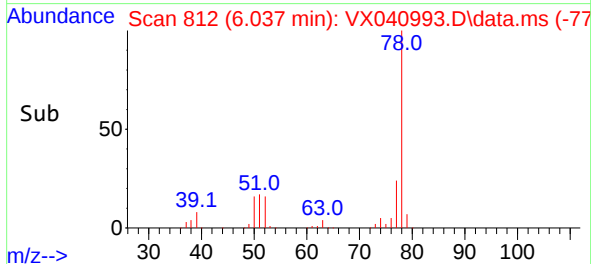
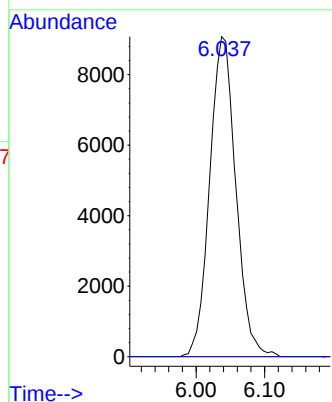
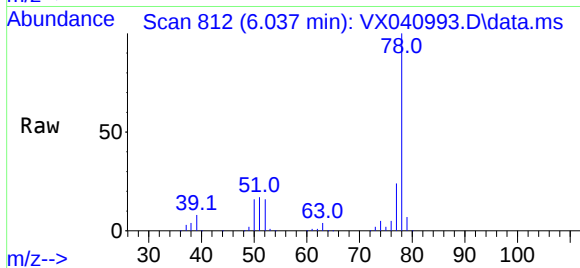




#27
1,2-Dichloroethane
Concen: 8.617 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

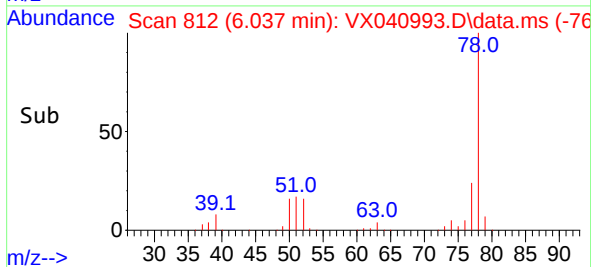
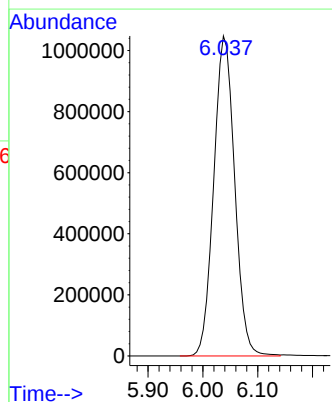
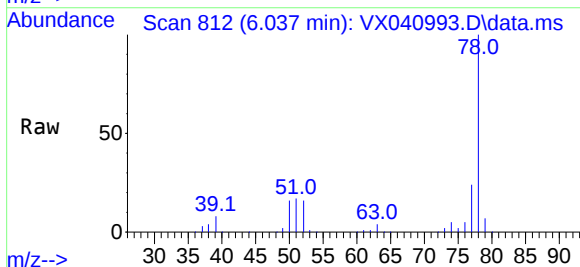
Instrument :
MSVOA_X
ClientSampleId :

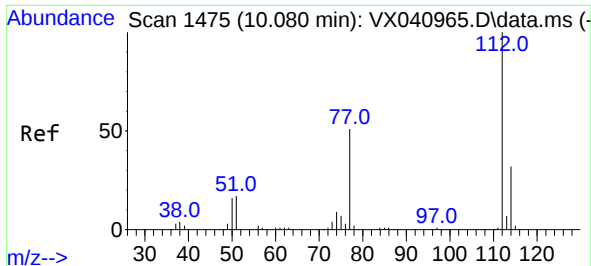
Tgt Ion: 62 Resp: 24060
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#33
Benzene
Concen: 406.046 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

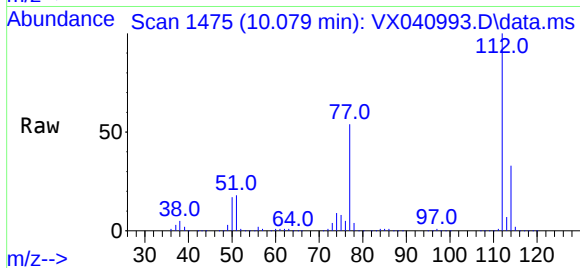
Tgt Ion: 78 Resp: 2781067



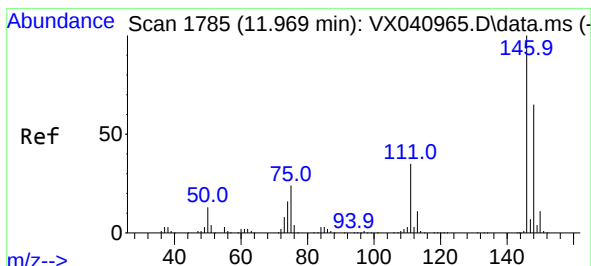
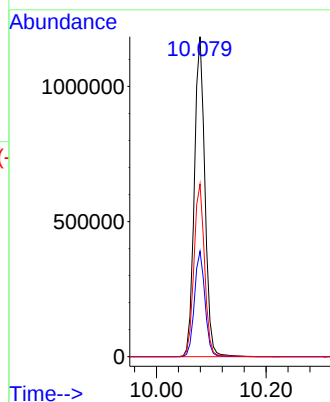
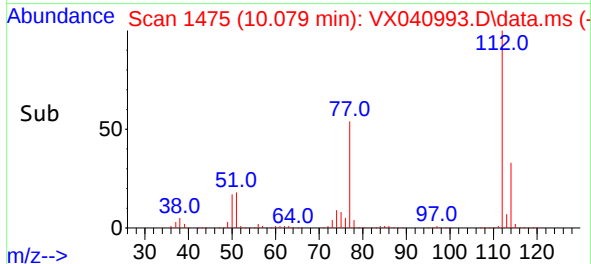


#51
Chlorobenzene
Concen: 299.309 ug/L
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

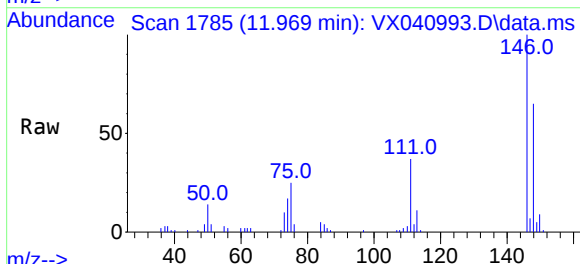
Instrument :
MSVOA_X
ClientSampleId :



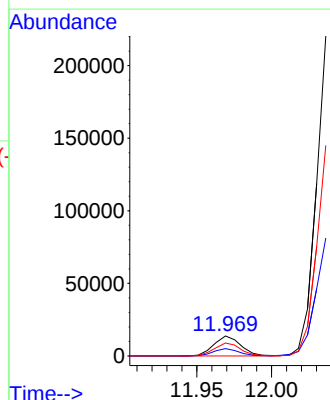
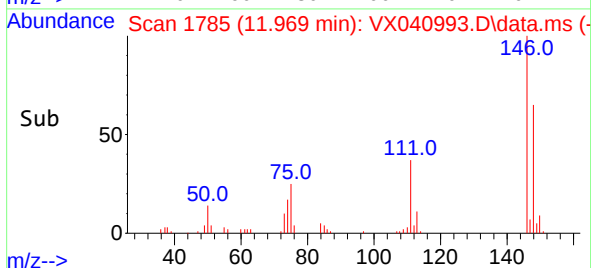
Tgt Ion:112 Resp: 1591007
Ion Ratio Lower Upper
112 100
114 33.0 23.0 42.8
77 53.9 43.4 65.0

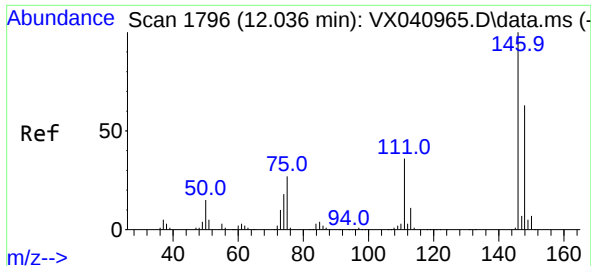


#64
1,3-Dichlorobenzene
Concen: 4.117 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25



Tgt Ion:146 Resp: 17308
Ion Ratio Lower Upper
146 100
111 37.3 25.3 47.1
148 64.9 44.7 82.9

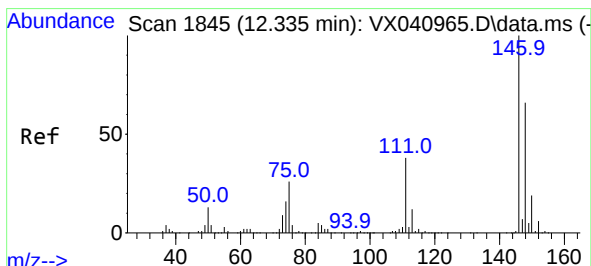
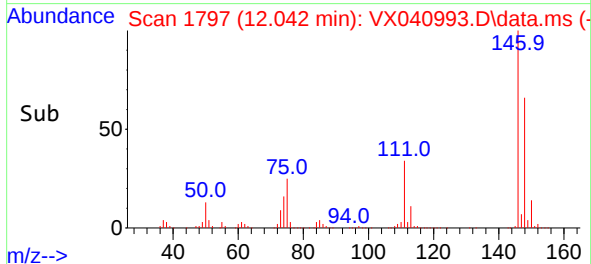
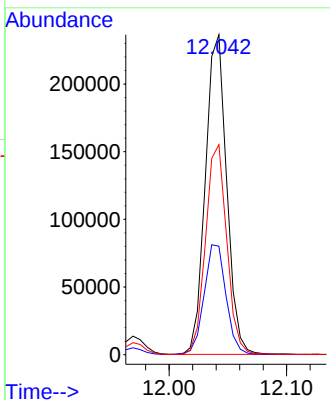
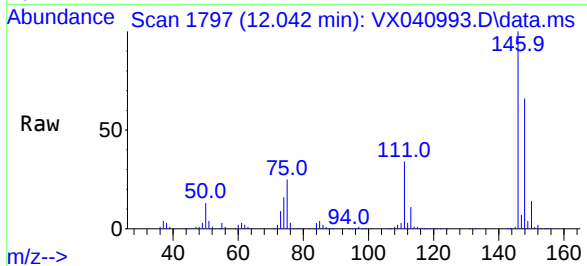




#65
1,4-Dichlorobenzene
Concen: 68.920 ug/L
RT: 12.042 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

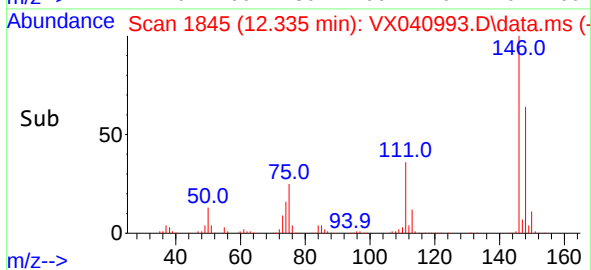
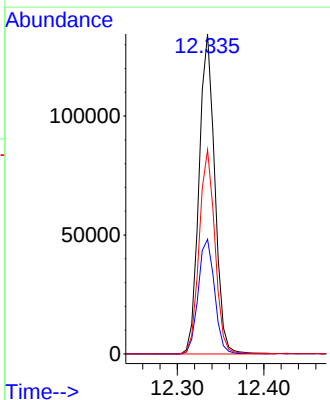
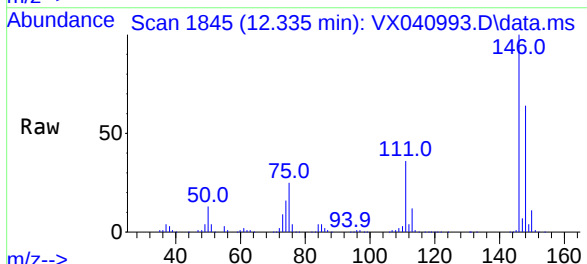
Instrument :
MSVOA_X
ClientSampleId :

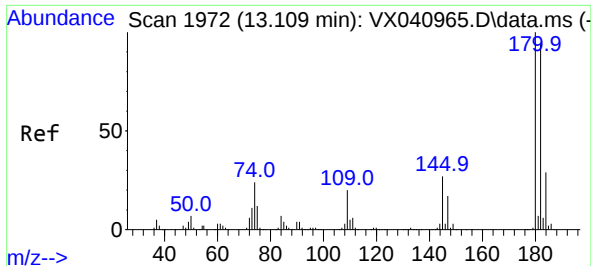
Tgt Ion:146 Resp: 297408
Ion Ratio Lower Upper
146 100
111 33.9 23.4 43.6
148 65.7 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 41.656 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

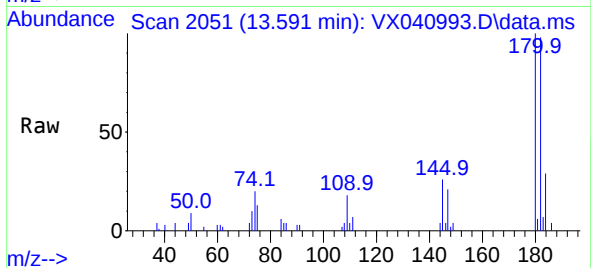
Tgt Ion:146 Resp: 169862
Ion Ratio Lower Upper
146 100
111 35.9 31.8 47.8
148 63.8 53.2 79.8





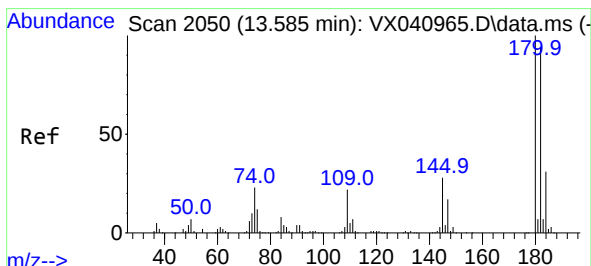
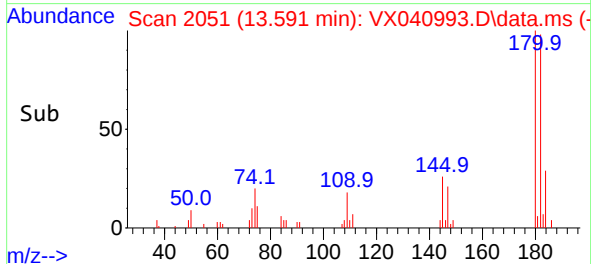
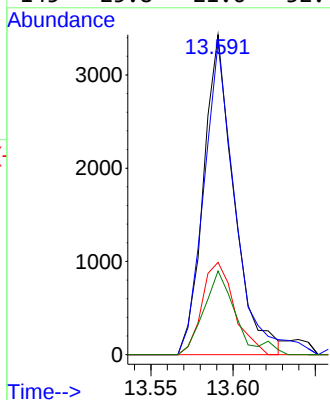
#69
1,3,5-Trichlorobenzene
Concen: 1.378 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.481 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 4435

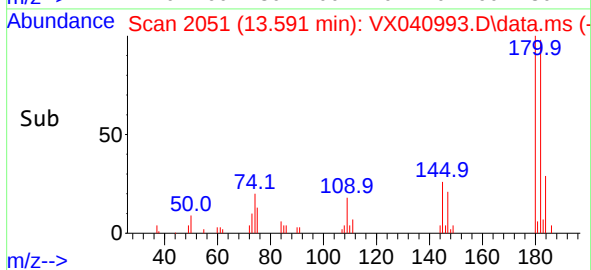
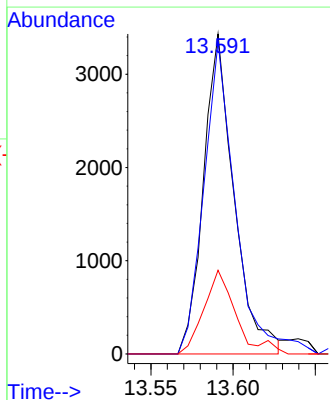
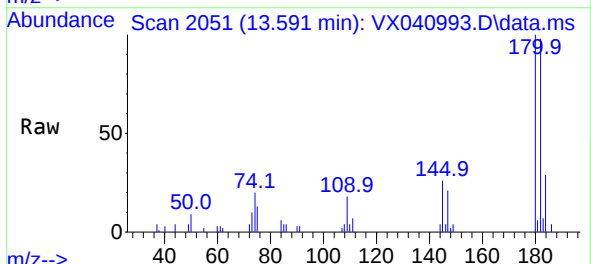
Ion	Ratio	Lower	Upper
180	100		
182	100.9	75.8	113.6
184	30.5	24.4	36.6
145	25.8	21.6	32.4

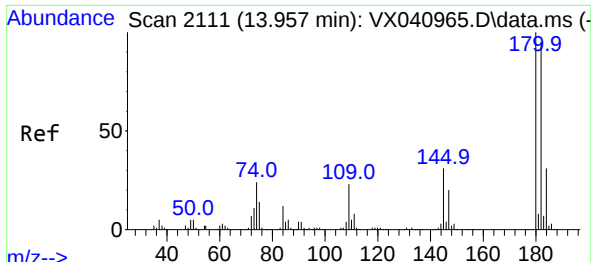


#70
1,2,4-trichlorobenzene
Concen: 1.454 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

Tgt Ion:180 Resp: 4435

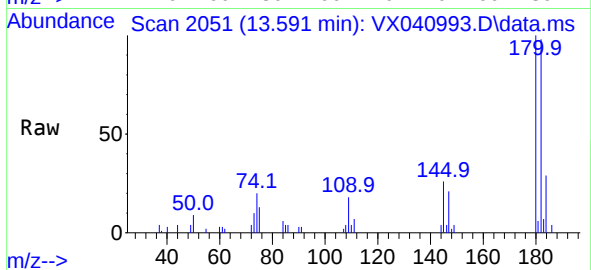
Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.8	115.2
145	25.8	22.3	33.5





#72
1,2,3-Trichlorobenzene
Concen: 1.482 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.366 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	180	Resp:	4435
Ion	Ratio	Lower	Upper
180	100		
182	100.9	77.0	115.6
145	25.8	23.4	35.2

