

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059734.D
 Acq On : 02 Jul 2024 13:12
 Operator : MD/SY
 Sample : P3108-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 01:54:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

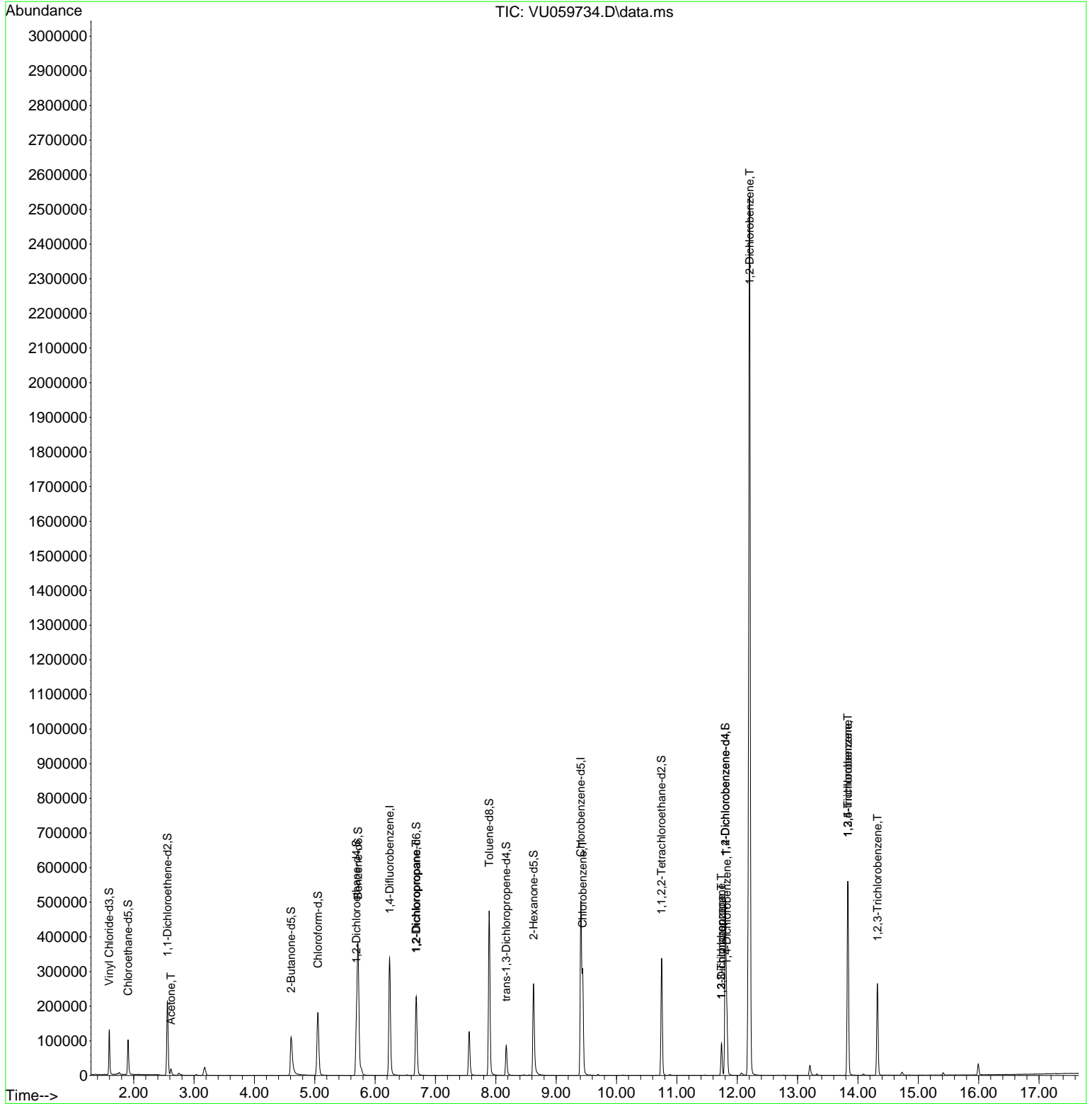
Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	293907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	288753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	140285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95333	50.519	ug/L	0.00
Spike Amount	50.000	Range	60 - 135	Recovery	=	101.040%
7) Chloroethane-d5	1.907	69	80890	50.961	ug/L	0.00
Spike Amount	50.000	Range	70 - 130	Recovery	=	101.920%
11) 1,1-Dichloroethene-d2	2.560	63	125629	37.473	ug/L	0.00
Spike Amount	50.000	Range	60 - 125	Recovery	=	74.940%
21) 2-Butanone-d5	4.608	46	138318	105.470	ug/L	0.00
Spike Amount	100.000	Range	40 - 130	Recovery	=	105.470%
24) Chloroform-d	5.052	84	174812	47.836	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	5.692	65	110230	50.730	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	101.460%
32) Benzene-d6	5.717	84	373421	50.502	ug/L	0.00
Spike Amount	50.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	115171	50.327	ug/L	0.00
Spike Amount	50.000	Range	70 - 120	Recovery	=	100.660%
41) Toluene-d8	7.891	98	335066	47.651	ug/L	0.00
Spike Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloropropene	8.174	79	50373	47.040	ug/L	0.00
Spike Amount	50.000	Range	60 - 125	Recovery	=	94.080%
47) 2-Hexanone-d5	8.624	63	98345	101.970	ug/L	0.00
Spike Amount	100.000	Range	45 - 130	Recovery	=	101.970%
56) 1,1,2,2-Tetrachloroethene	10.746	84	174518	49.685	ug/L	0.00
Spike Amount	50.000	Range	65 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	11.804	152	115277	44.718	ug/L	-0.38
Spike Amount	50.000	Range	80 - 120	Recovery	=	89.440%
Target Compounds						
13) Acetone	2.618	43	20286	15.022	ug/L	100
37) 1,2-Dichloropropane	6.679	63	12056	5.617	ug/L #	88
51) Chlorobenzene	9.441	112	163910	29.004	ug/L	98
60) 1,2,3-Trichloropropane	11.740	75	11096	4.168	ug/L #	49
64) 1,3-Dichlorobenzene	11.740	146	38329	9.038	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	63784	14.549	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	1041833	243.180	ug/L	100
69) 1,3,5-Trichlorobenzene	13.833	180	181088	59.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	181088	65.709	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	85479	30.914	ug/L	99

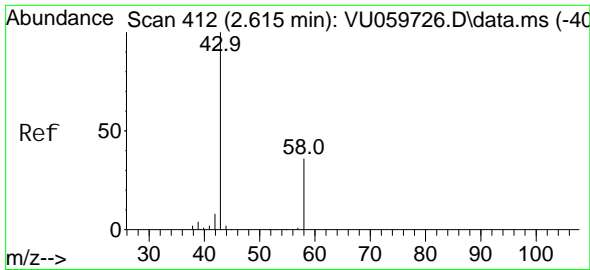
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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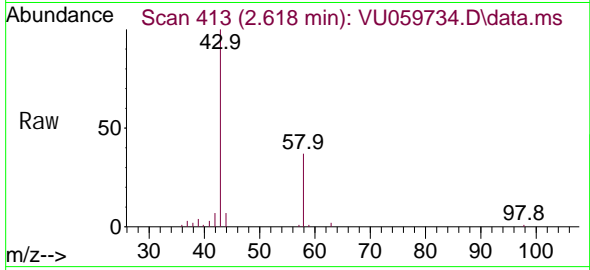
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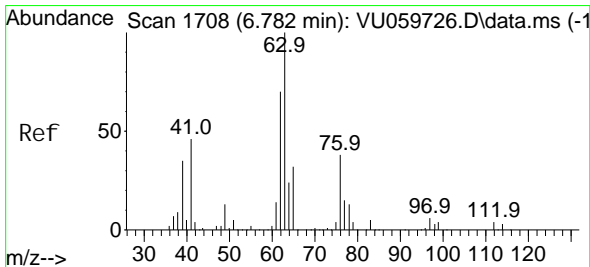
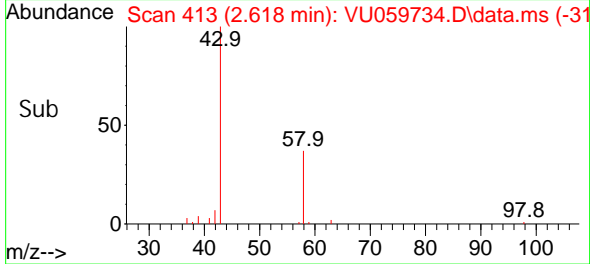
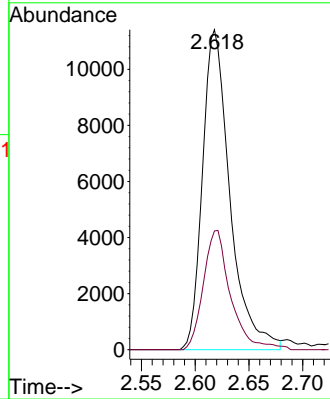


#13
 Acetone
 Concen: 15.022 ug/L
 RT: 2.618 min Scan# 413
 Delta R.T. 0.003 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

Instrument :
 MSVOA_U
 ClientSampleId :

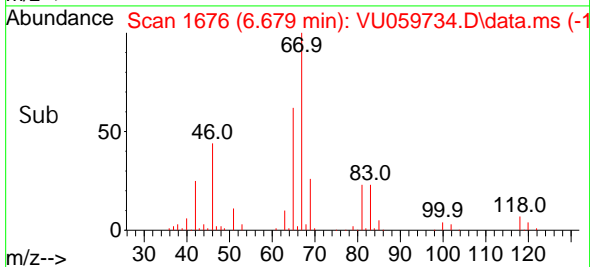
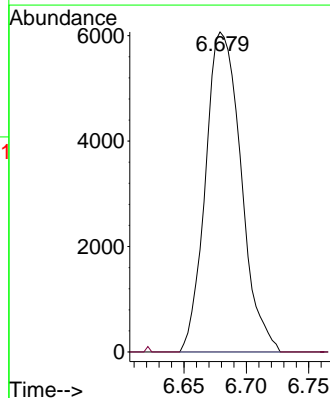
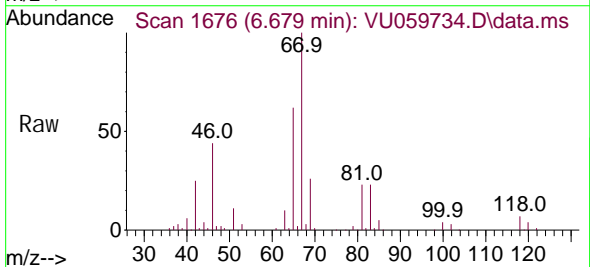


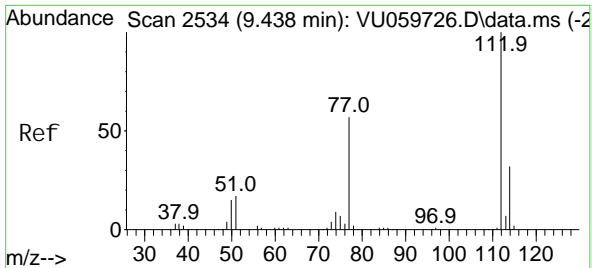
Tgt Ion: 43 Resp: 20286
 Ion Ratio Lower Upper
 43 100
 58 36.9 0.0 73.8



#37
 1,2-Di chloropropane
 Concen: 5.617 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.103 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

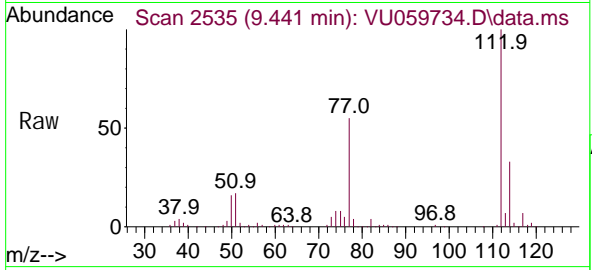
Tgt Ion: 63 Resp: 12056
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



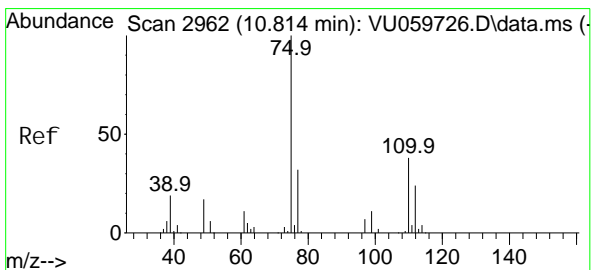
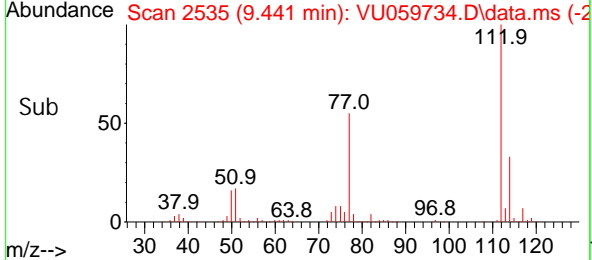
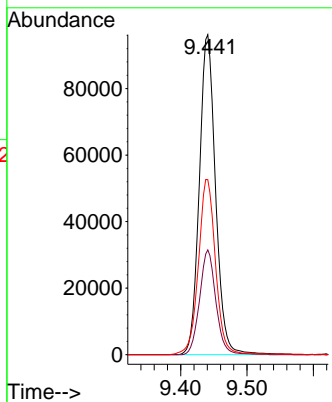


#51
 Chlorobenzene
 Concen: 29.004 ug/L
 RT: 9.441 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

Instrument : MSVOA_U
 ClientSampleId :

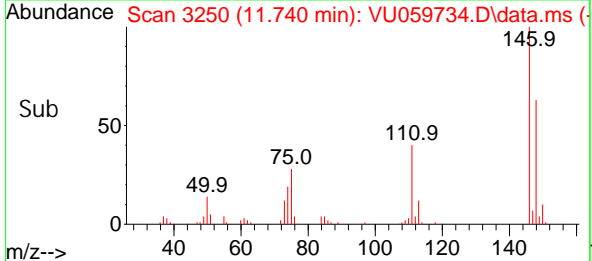
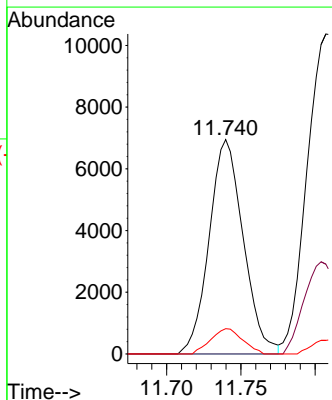
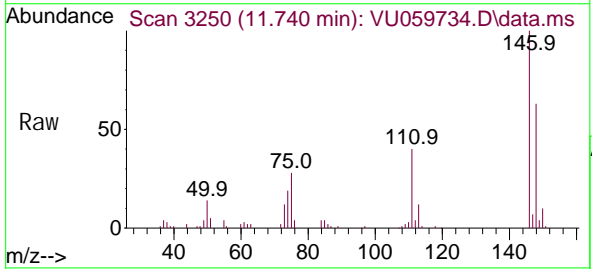


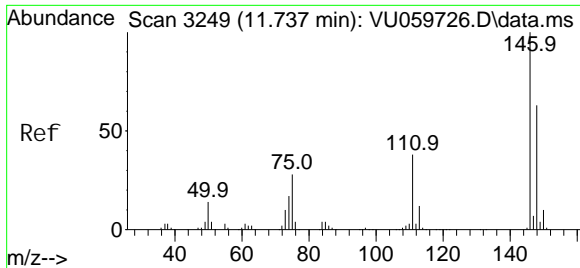
Tgt Ion: 112 Resp: 163910
 Ion Ratio Lower Upper
 112 100
 114 32.7 22.7 42.3
 77 54.7 45.8 68.6



#60
 1,2,3-Trichloropropane
 Concen: 4.168 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.926 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

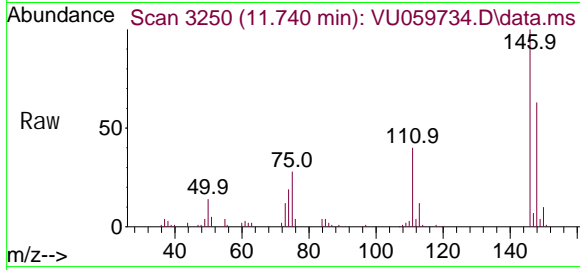
Tgt Ion: 75 Resp: 11096
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 110 11.0 30.7 46.1#



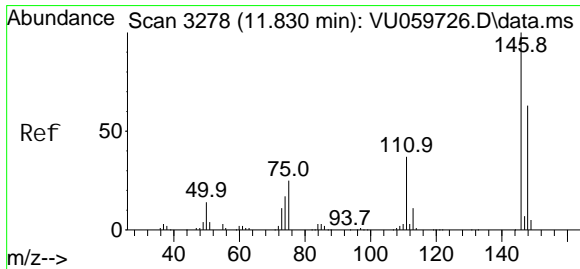
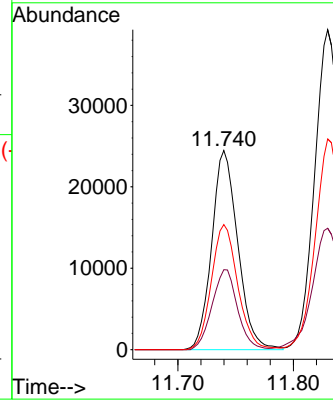
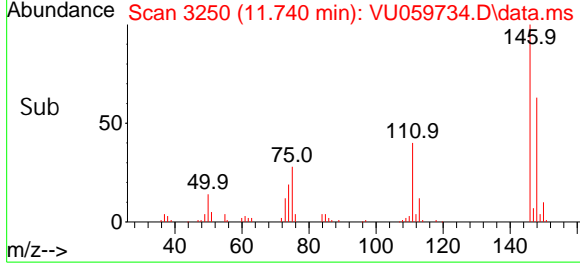


#64
 1,3-Di chl orobenzene
 Concen: 9.038 ug/L
 RT: 11.740 min Scan# 31
 Del ta R.T. 0.003 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

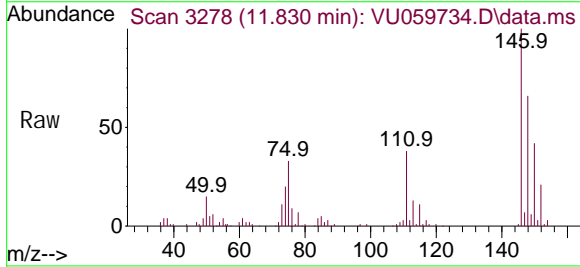
Instrument :
 MSVOA_U
 ClientSampleId :



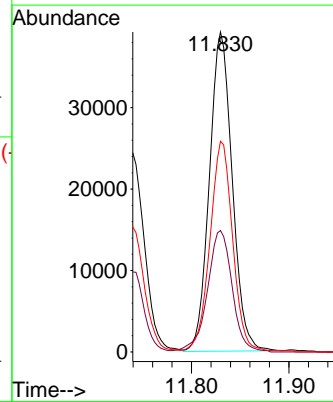
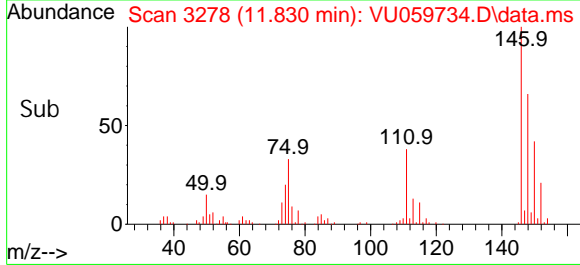
Tgt Ion: 146 Resp: 38329
 Ion Ratio Lower Upper
 146 100
 111 40.2 26.5 49.1
 148 62.8 43.8 81.3

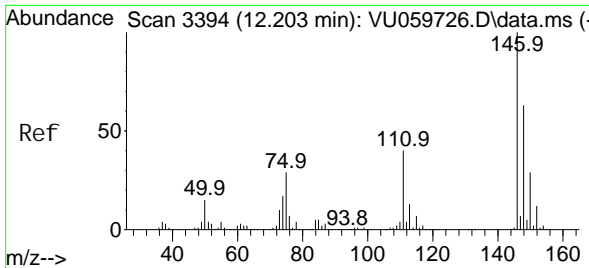


#65
 1,4-Di chl orobenzene
 Concen: 14.549 ug/L
 RT: 11.830 min Scan# 3278
 Del ta R.T. -0.000 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12



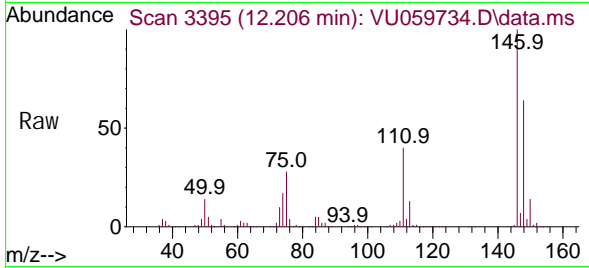
Tgt Ion: 146 Resp: 63784
 Ion Ratio Lower Upper
 146 100
 111 38.0 25.9 48.1
 148 65.8 44.0 81.8



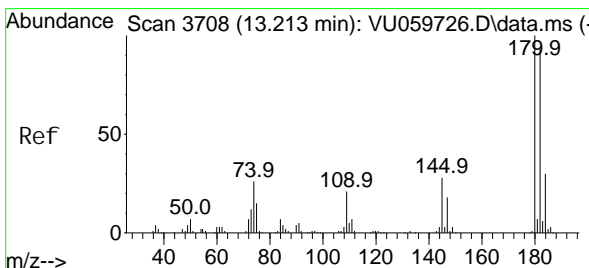
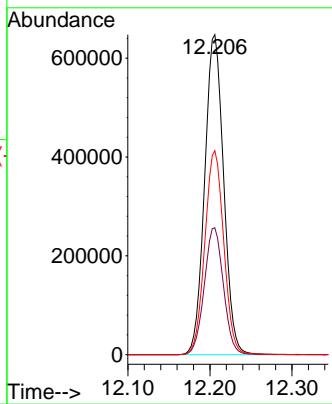
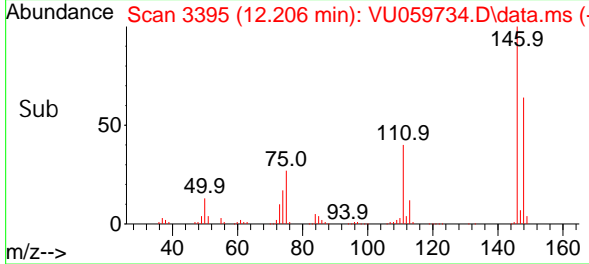


#67
 1, 2-Di chl orobenzene
 Concen: 243.180 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

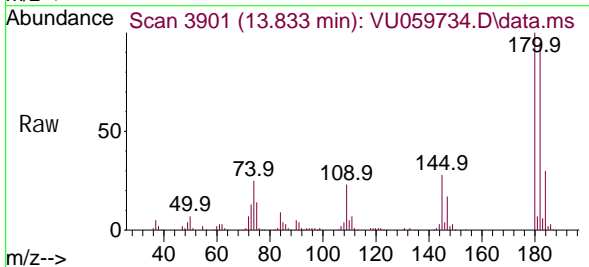
Instrument :
 MSVOA_U
 ClientSampleId :



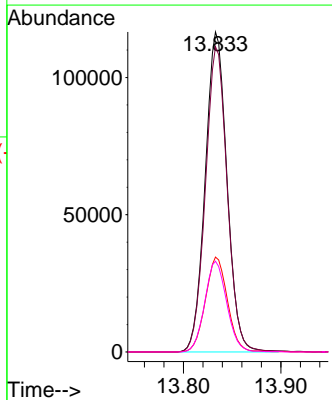
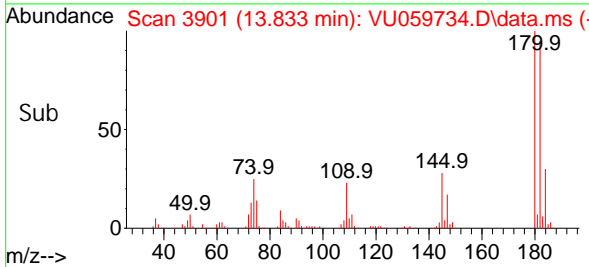
Tgt Ion: 146 Resp: 1041833
 Ion Ratio Lower Upper
 146 100
 111 39.7 31.7 47.5
 148 63.8 50.8 76.2

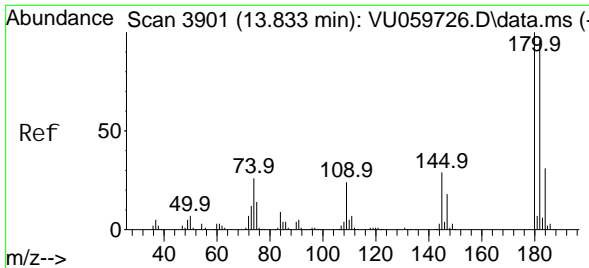


#69
 1, 3, 5-Tri chl orobenzene
 Concen: 59.224 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.620 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12



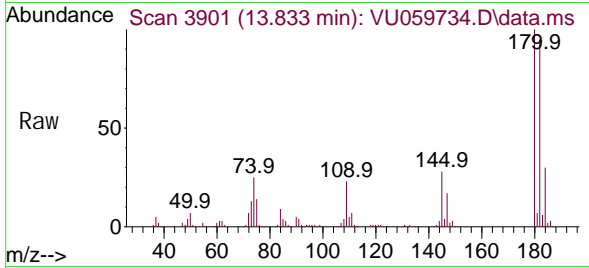
Tgt Ion: 180 Resp: 181088
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.8
 184 29.9 24.7 37.1
 145 28.6 22.3 33.5



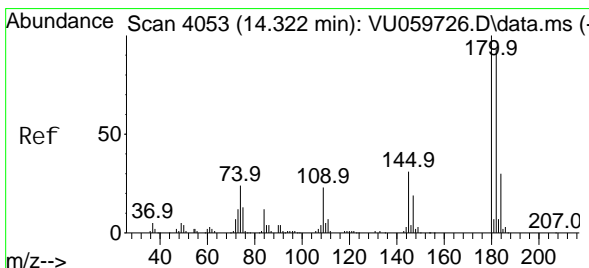
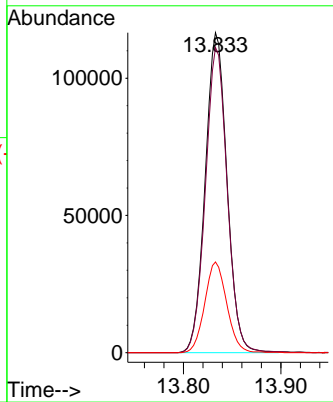
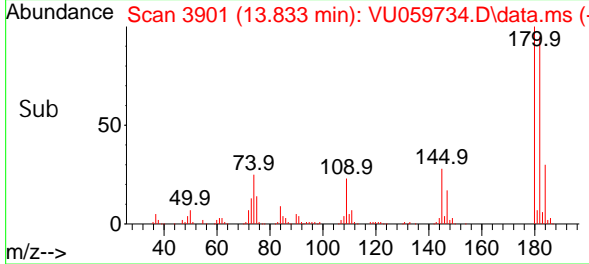


#70
 1, 2, 4-tri chlorobenzene
 Concen: 65.709 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12

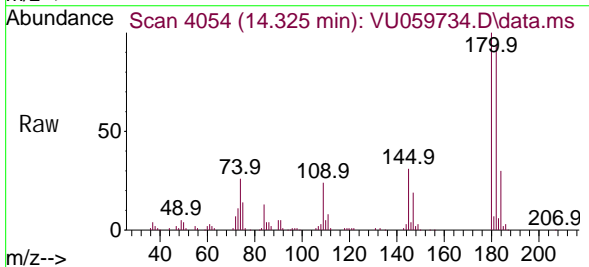
Instrument : MSVOA_U
 ClientSampleId :



Tgt Ion: 180 Resp: 181088
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.4 114.6
 145 28.6 23.0 34.4



#72
 1, 2, 3-Tri chlorobenzene
 Concen: 30.914 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU059734.D
 Acq: 02 Jul 2024 13:12



Tgt Ion: 180 Resp: 85479
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.8 113.8
 145 31.1 24.5 36.7

