

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048123.D
 Acq On : 18 Apr 2022 16:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK062

Quant Time: Apr 19 03:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

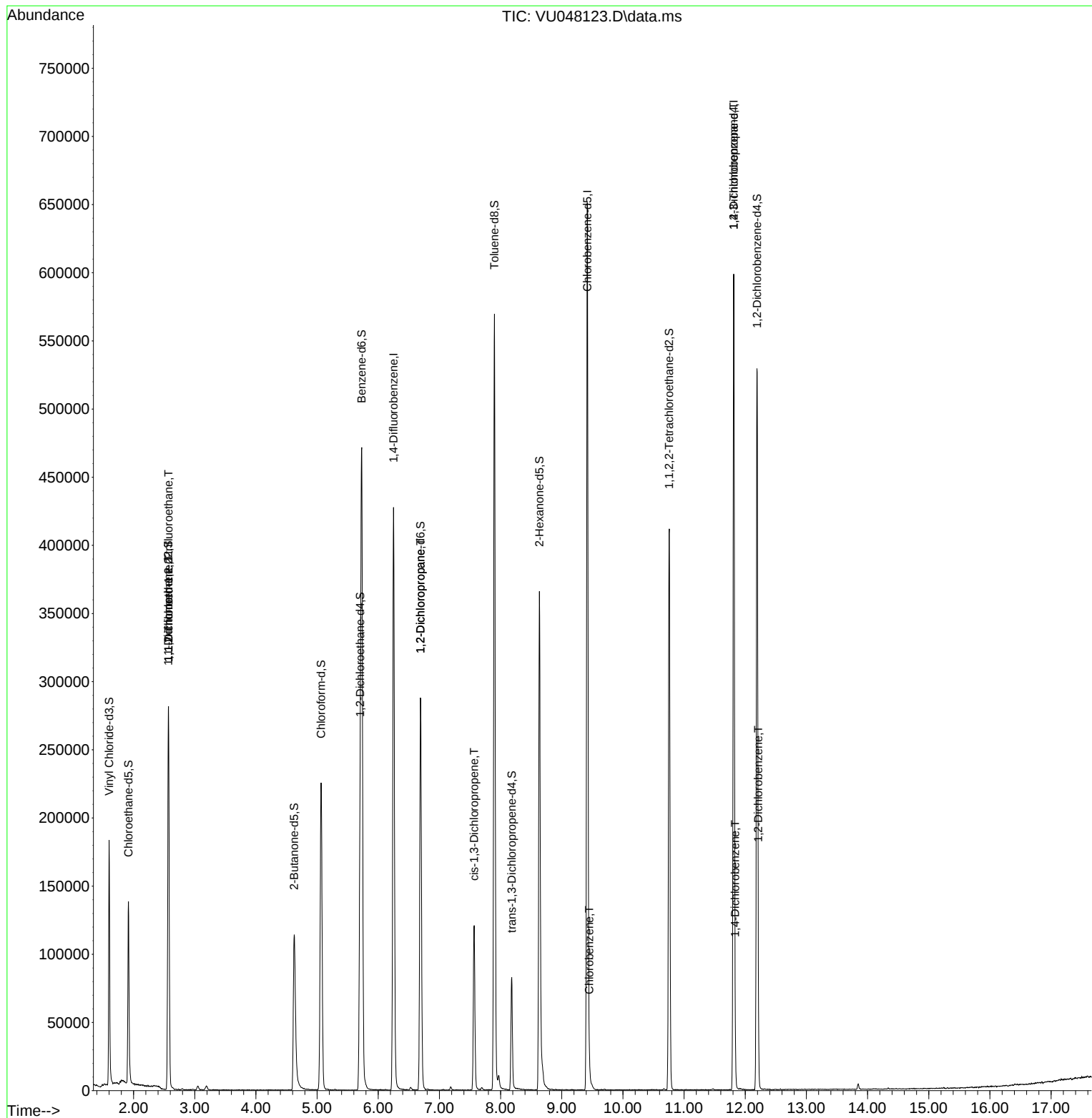
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	365875	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386399	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	133389	50.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.540%
7) Chloroethane-d5	1.916	69	106882	51.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.180%
11) 1,1-Dichloroethene-d2	2.568	63	164033	33.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.580%
21) 2-Butanone-d5	4.626	46	167979	73.762	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.760%
24) Chloroform-d	5.067	84	216580	44.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
26) 1,2-Dichloroethane-d4	5.703	65	134821	45.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.560%
32) Benzene-d6	5.729	84	450637	46.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
36) 1,2-Dichloropropane-d6	6.690	67	143164	47.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	7.899	98	388212	40.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.960%
43) trans-1,3-Dichloroprop...	8.182	79	47739	31.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.120%
47) 2-Hexanone-d5	8.636	63	124209	71.058	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	208290	40.646	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	152613	50.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1608	0.596	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1298	0.517	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	14484	5.094	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2744	0.622	ug/L #	50
51) Chlorobenzene	9.449	112	6823	0.819	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	18554	5.791	ug/L #	66
65) 1,4-Dichlorobenzene	11.835	146	4792	0.906	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	3873	0.758	ug/L	90

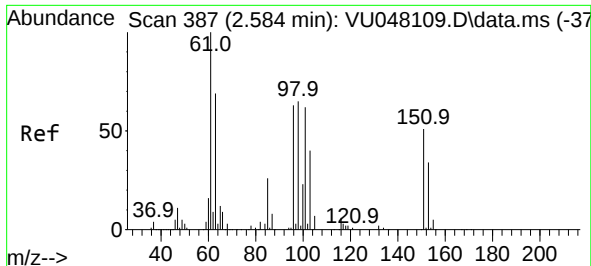
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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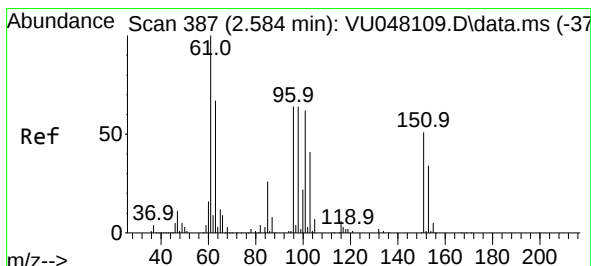
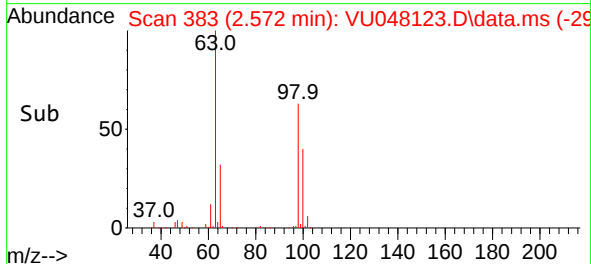
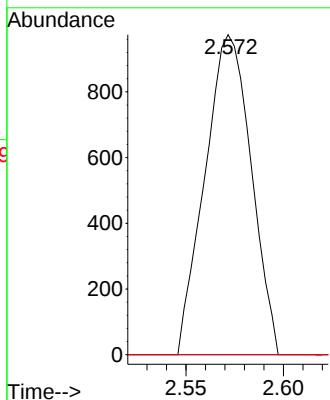
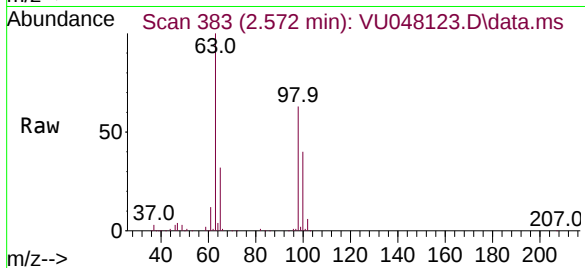




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.596 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048123.D
 Acq: 18 Apr 2022 16:01

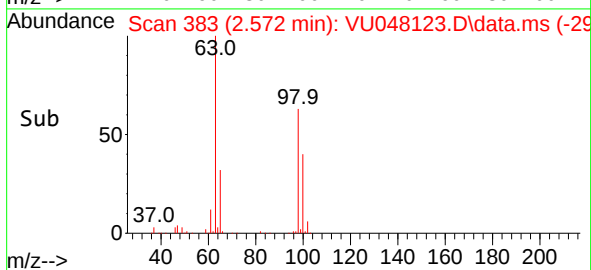
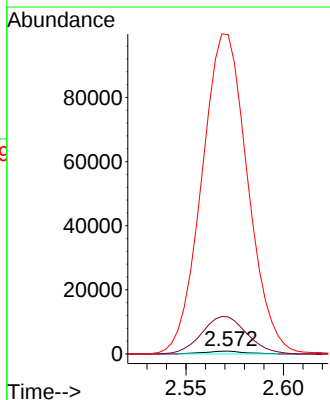
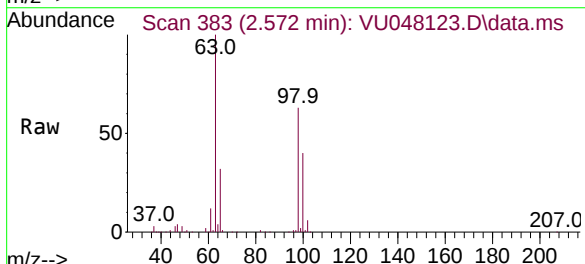
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK062

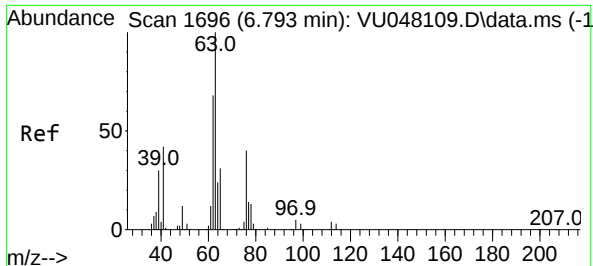
Tgt Ion:101 Resp: 1608
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.517 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048123.D
 Acq: 18 Apr 2022 16:01

Tgt Ion: 96 Resp: 1298
 Ion Ratio Lower Upper
 96 100
 61 1289.8 113.1 210.1#
 63 11113.4 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.094 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048123.D

Acq: 18 Apr 2022 16:01

Instrument :

MSVOA_U

ClientSampleId :

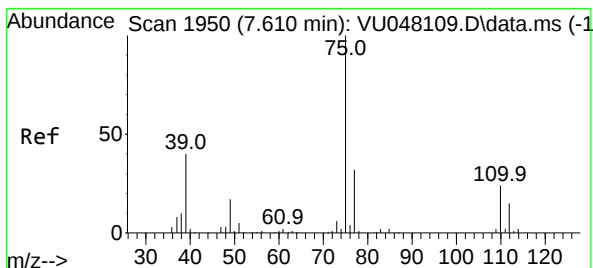
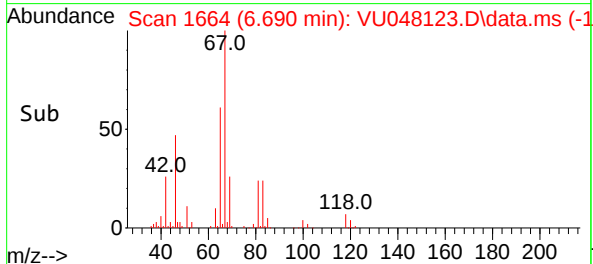
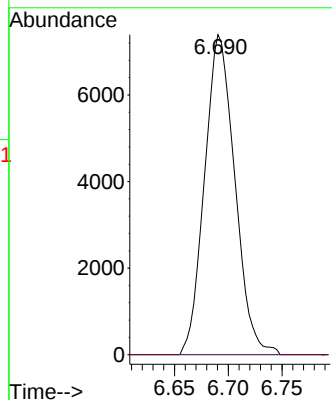
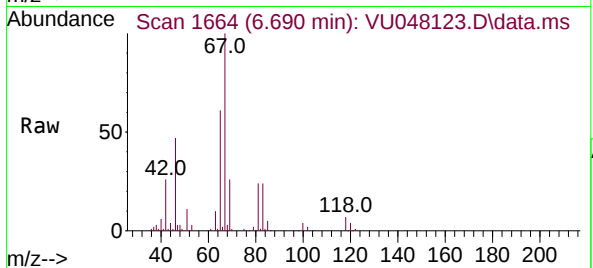
VIBLK062

Tgt Ion: 63 Resp: 14484

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.622 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048123.D

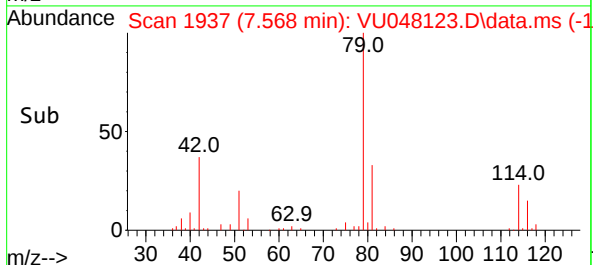
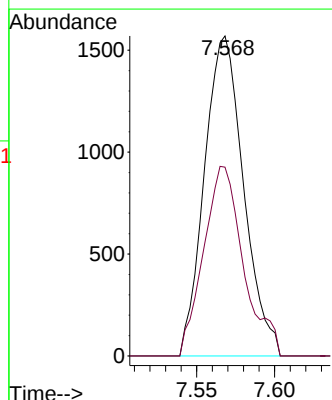
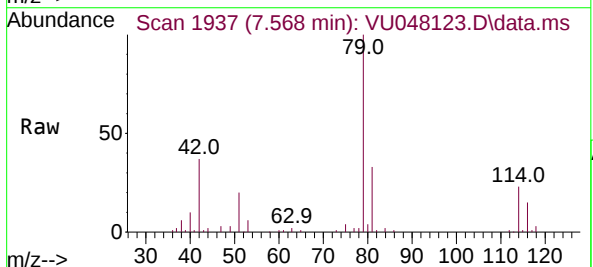
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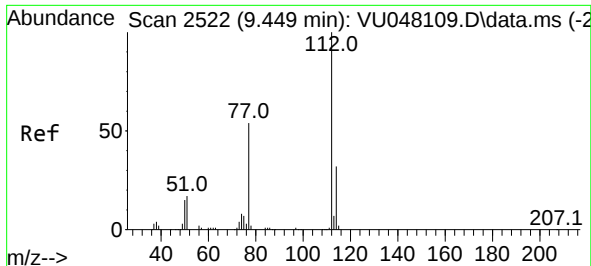
Tgt Ion: 75 Resp: 2744

Ion Ratio Lower Upper

75 100

77 59.0 21.8 40.6#

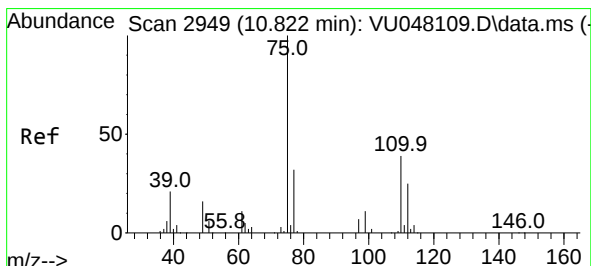
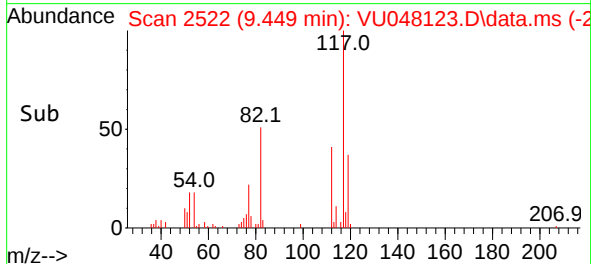
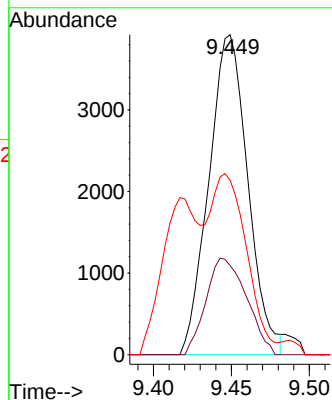
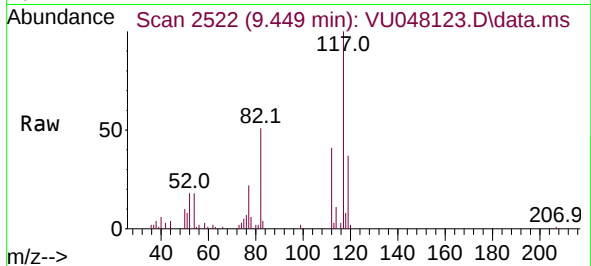




#51
Chlorobenzene
Concen: 0.819 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048123.D
Acq: 18 Apr 2022 16:01

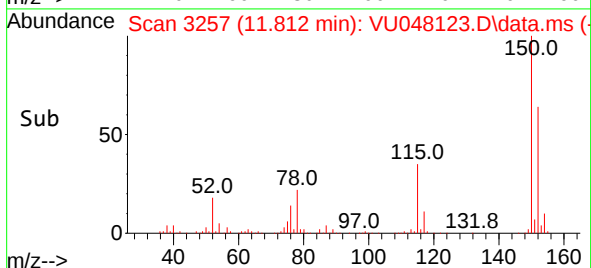
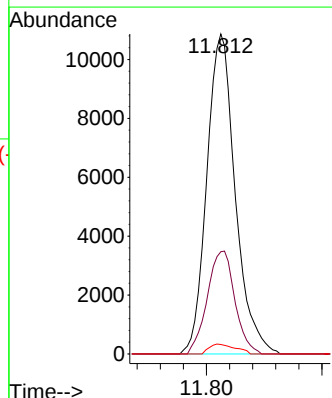
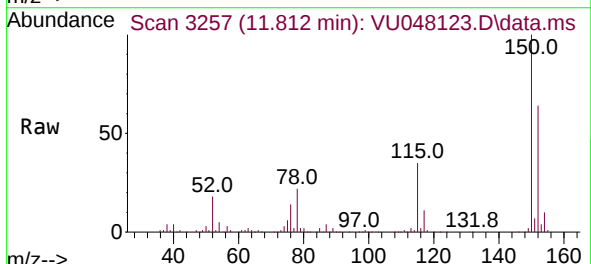
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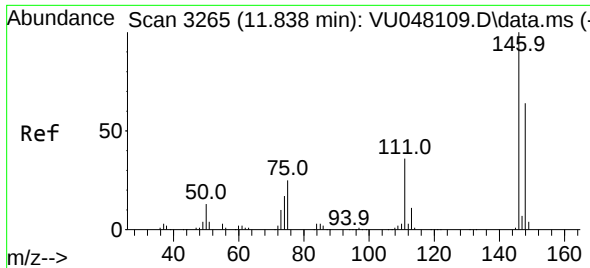
Tgt Ion:112 Resp: 6823
Ion Ratio Lower Upper
112 100
114 27.8 22.1 41.1
77 54.5 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 5.791 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048123.D
Acq: 18 Apr 2022 16:01

Tgt Ion: 75 Resp: 18554
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
110 2.8 31.4 47.2#

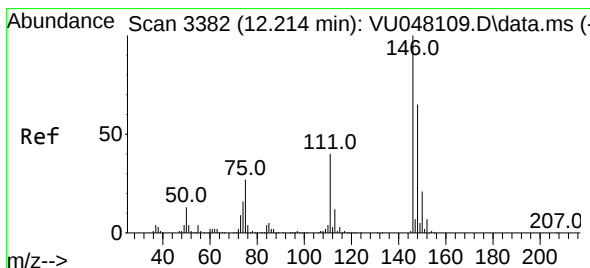
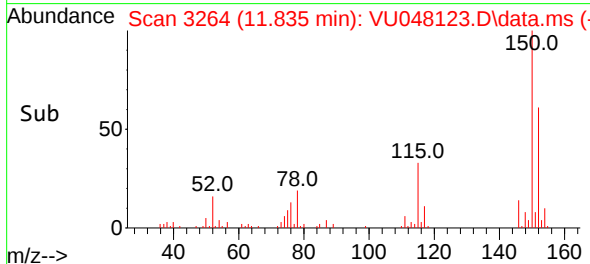
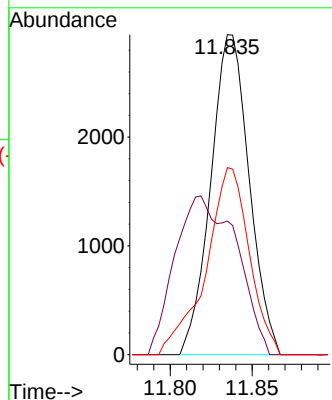
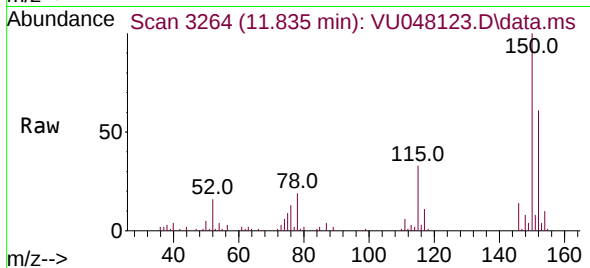




#65
1,4-Dichlorobenzene
Concen: 0.906 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048123.D
Acq: 18 Apr 2022 16:01

Instrument :
MSVOA_U
ClientSampleId :
VIBLK062

Tgt Ion:146 Resp: 4792
Ion Ratio Lower Upper
146 100
111 41.7 25.3 47.1
148 58.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.758 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048123.D
Acq: 18 Apr 2022 16:01

Tgt Ion:146 Resp: 3873
Ion Ratio Lower Upper
146 100
111 43.9 31.7 47.5
148 73.2 51.4 77.2

