

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051208.D
 Acq On : 07 Oct 2022 05:59
 Operator : JC/MD
 Sample : N4853-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Oct 07 06:33:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

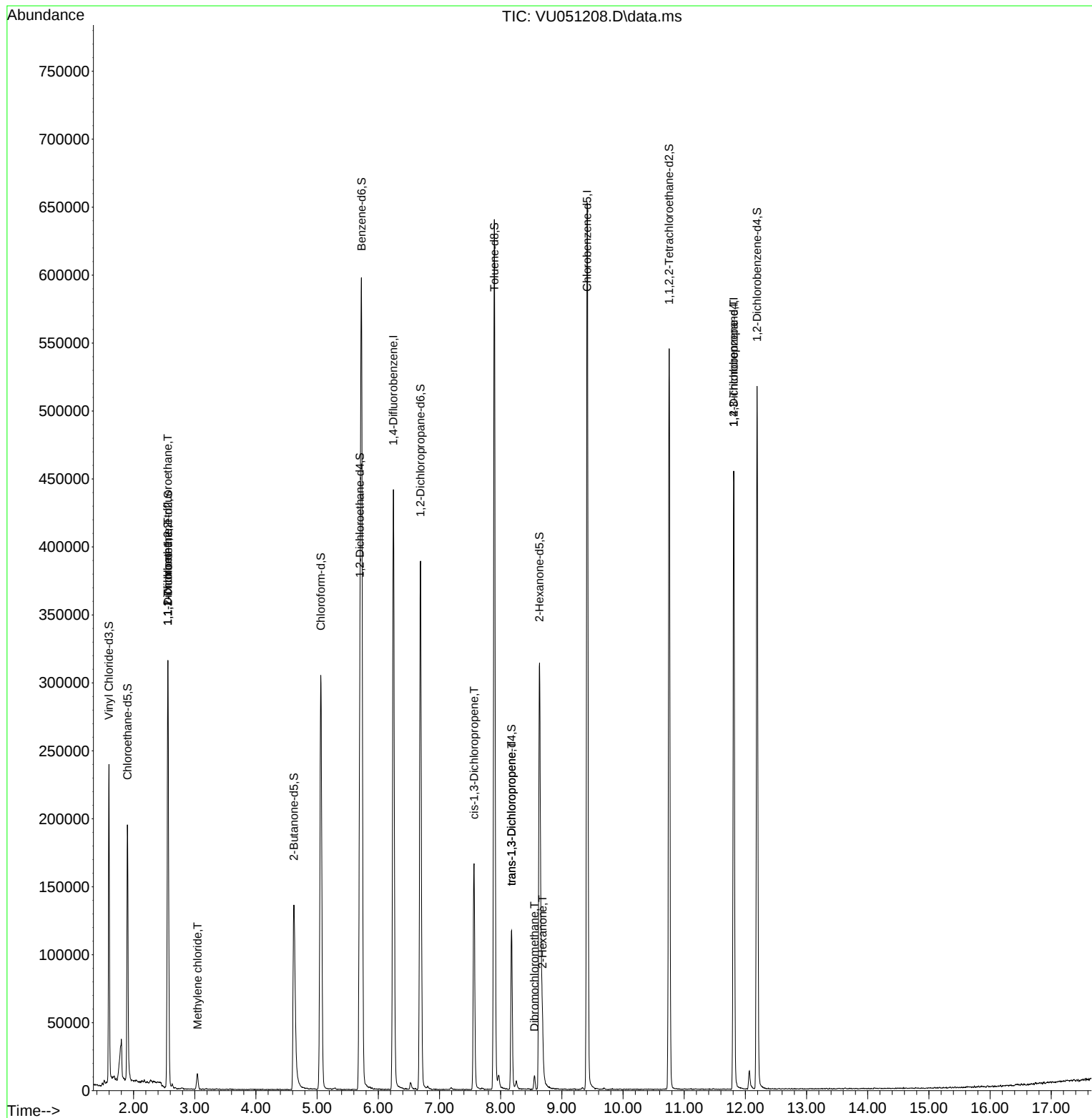
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	352987	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	369045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159449	44.572	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.140%	
7) Chloroethane-d5	1.900	69	142299	42.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.640%	
11) 1,1-Dichloroethene-d2	2.562	63	189903	35.937	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.880%	
21) 2-Butanone-d5	4.620	46	196200	84.561	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.560%	
24) Chloroform-d	5.060	84	286352	49.683	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.360%	
26) 1,2-Dichloroethane-d4	5.700	65	183619	51.471	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.940%	
32) Benzene-d6	5.726	84	555168	51.371	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.740%	
36) 1,2-Dichloropropane-d6	6.690	67	193205	55.095	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	110.180%	
41) Toluene-d8	7.896	98	429686	43.034	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.060%	
43) trans-1,3-Dichloroprop...	8.179	79	66634	39.838	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.680%	
47) 2-Hexanone-d5	8.632	63	81510	57.564	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	57.560%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	278871	45.502	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	137005	53.493	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.980%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1855	0.688	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1310	0.520	ug/L #	1
16) Methylene chloride	3.044	84	5740	1.588	ug/L	85
39) cis-1,3-Dichloropropene	7.565	75	3784	0.882	ug/L #	60
44) trans-1,3-Dichloropropene	8.179	75	2898	0.668	ug/L	96
48) 2-Hexanone	8.684	43	25550	6.411	ug/L #	71
49) Dibromochloromethane	8.552	129	2304	0.668	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	14939	4.735	ug/L #	68

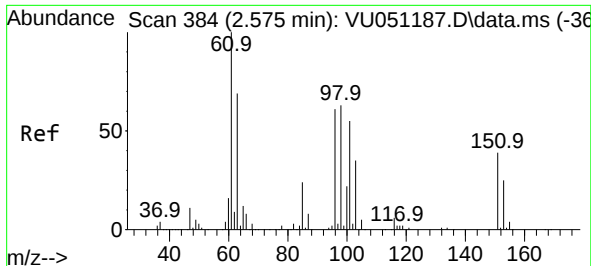
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.688 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051208.D

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Instrument :

MSVOA_U

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VHBLK002

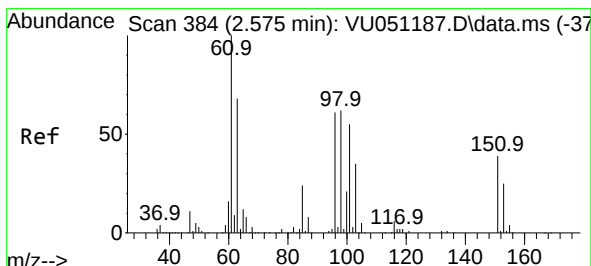
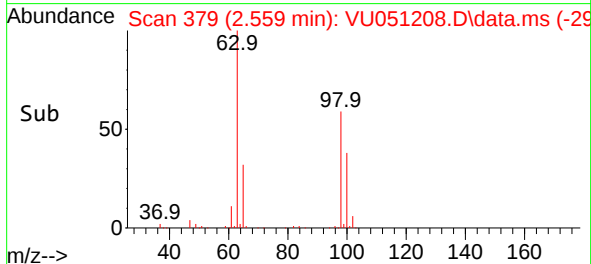
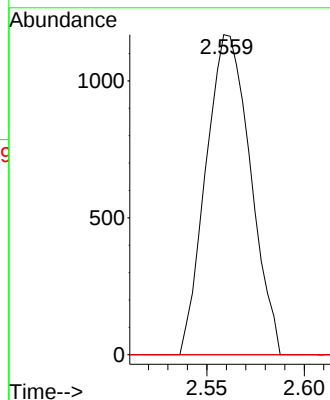
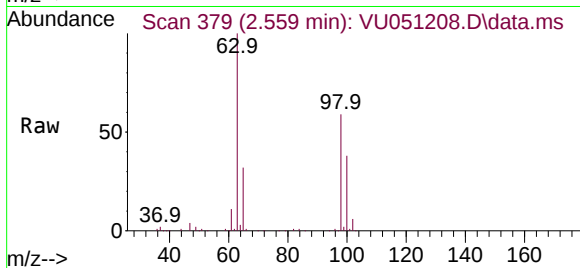
Tgt Ion:101 Resp: 1855

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.520 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.016 min

Lab File: VU051208.D

Acq: 07 Oct 2022 05:59

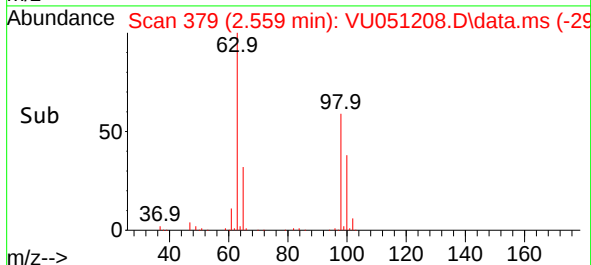
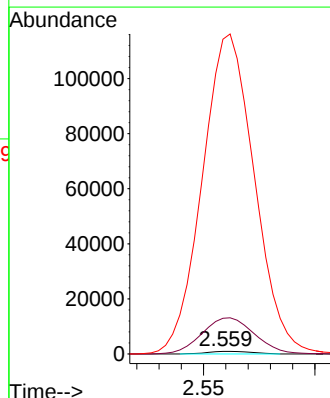
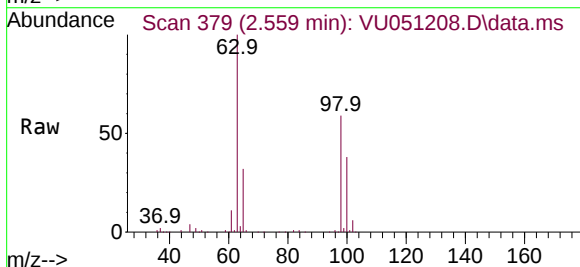
Tgt Ion: 96 Resp: 1310

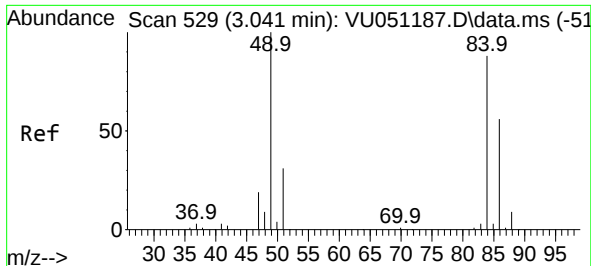
Ion Ratio Lower Upper

96 100

61 1366.8 113.0 209.9#

63 12027.8 91.7 170.3#

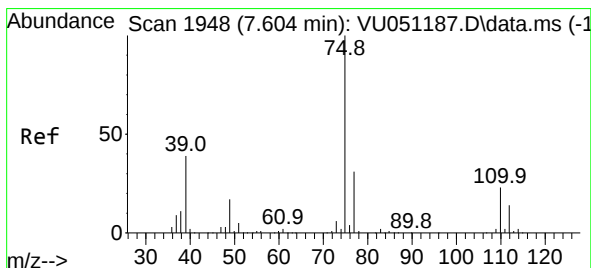
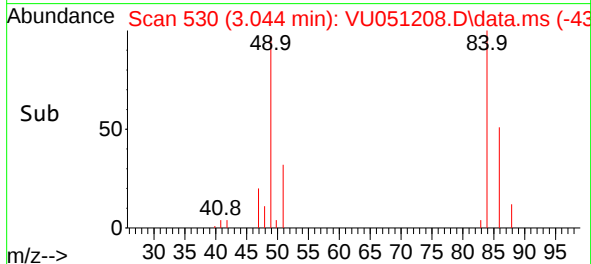
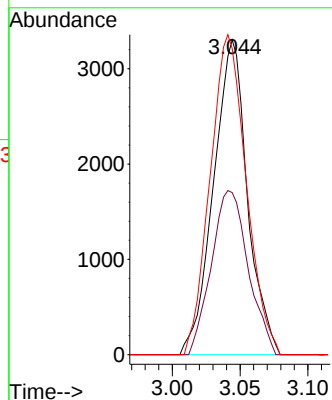
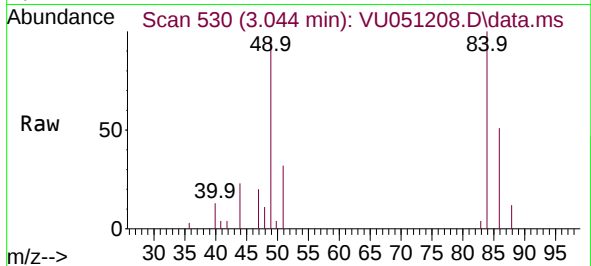




#16
Methylene chloride
Concen: 1.588 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051208.D
Acq: 07 Oct 2022 05:59

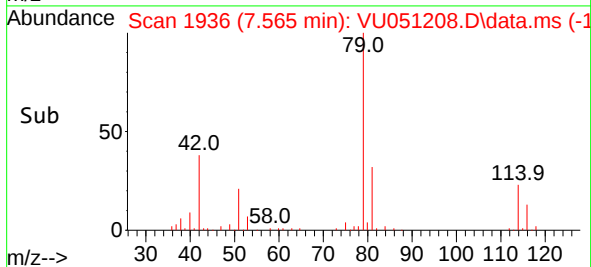
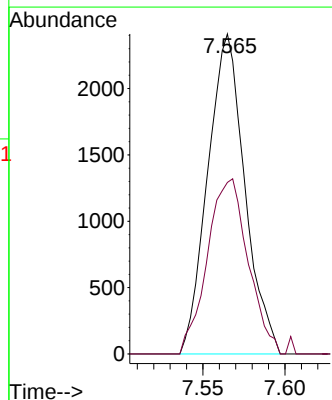
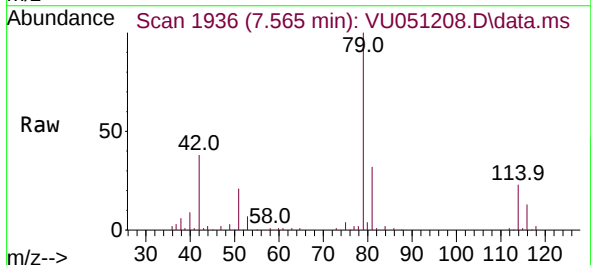
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

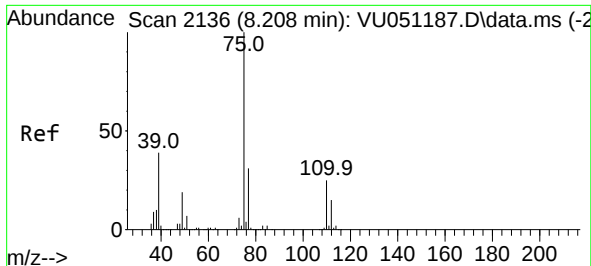
Tgt Ion: 84 Resp: 5740
Ion Ratio Lower Upper
84 100
86 51.5 45.4 84.4
49 97.2 78.3 145.3



#39
cis-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU051208.D
Acq: 07 Oct 2022 05:59

Tgt Ion: 75 Resp: 3784
Ion Ratio Lower Upper
75 100
77 53.6 22.0 41.0#

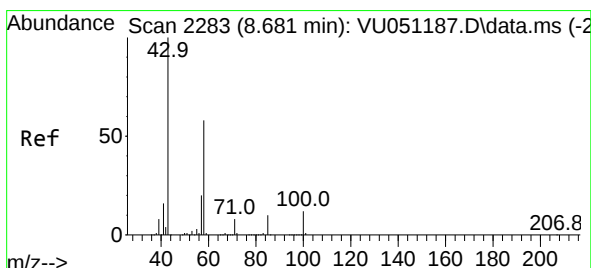
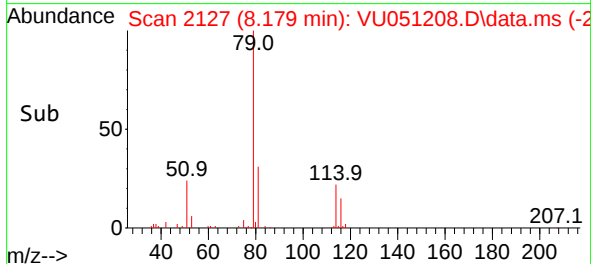
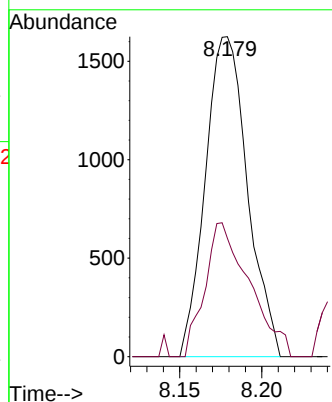
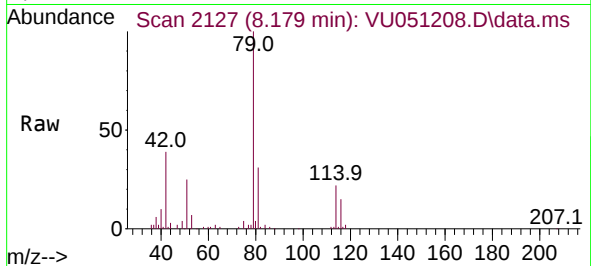




#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051208.D
Acq: 07 Oct 2022 05:59

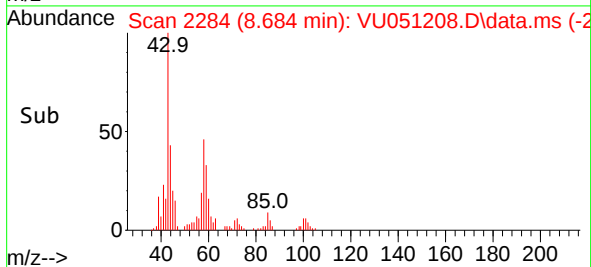
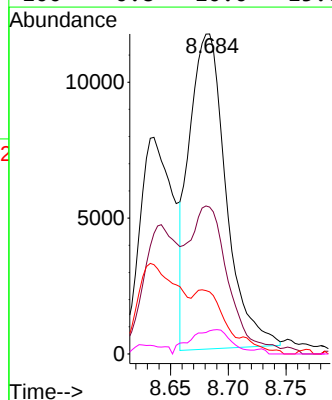
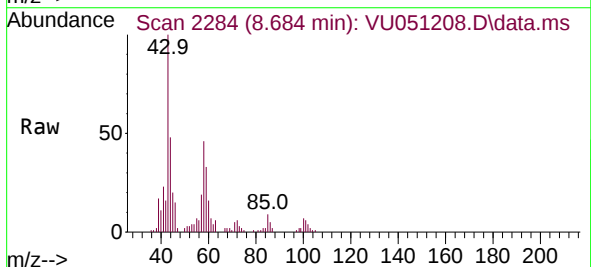
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

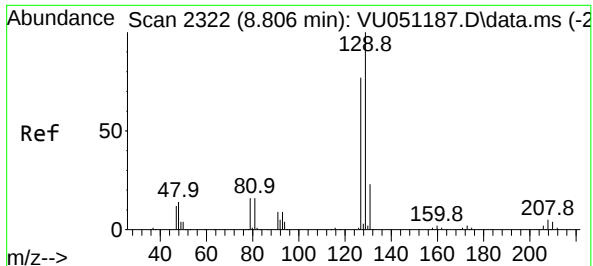
Tgt Ion: 75 Resp: 2898
Ion Ratio Lower Upper
75 100
77 34.7 22.7 42.3



#48
2-Hexanone
Concen: 6.411 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU051208.D
Acq: 07 Oct 2022 05:59

Tgt Ion: 43 Resp: 25550
Ion Ratio Lower Upper
43 100
58 41.9 48.3 72.5#
57 0.0 15.9 23.9#
100 0.8 10.0 15.0#





#49

Dibromochloromethane

Concen: 0.668 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051208.D

Acq: 07 Oct 2022 05:59

Instrument :

MSVOA_U

ClientSampleId :

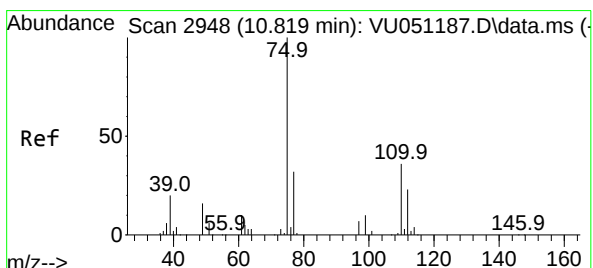
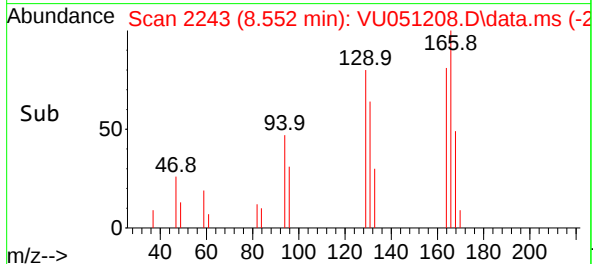
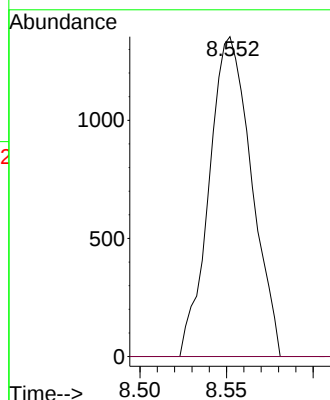
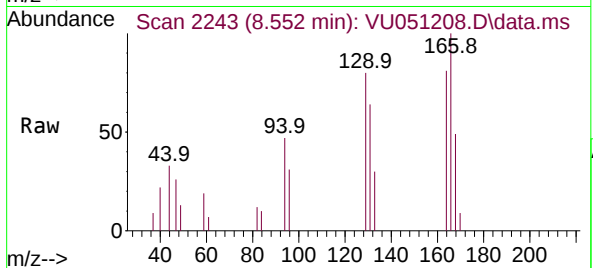
VHBLK002

Tgt Ion:129 Resp: 2304

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.0#



#60

1,2,3-Trichloropropane

Concen: 4.735 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051208.D

Acq: 07 Oct 2022 05:59

Tgt Ion: 75 Resp: 14939

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 1.8 30.0 45.0#

