

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045091.D
 Acq On : 04 Oct 2021 13:15
 Operator : SY/MD
 Sample : M3996-20DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A41DL

Quant Time: Oct 05 02:44:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

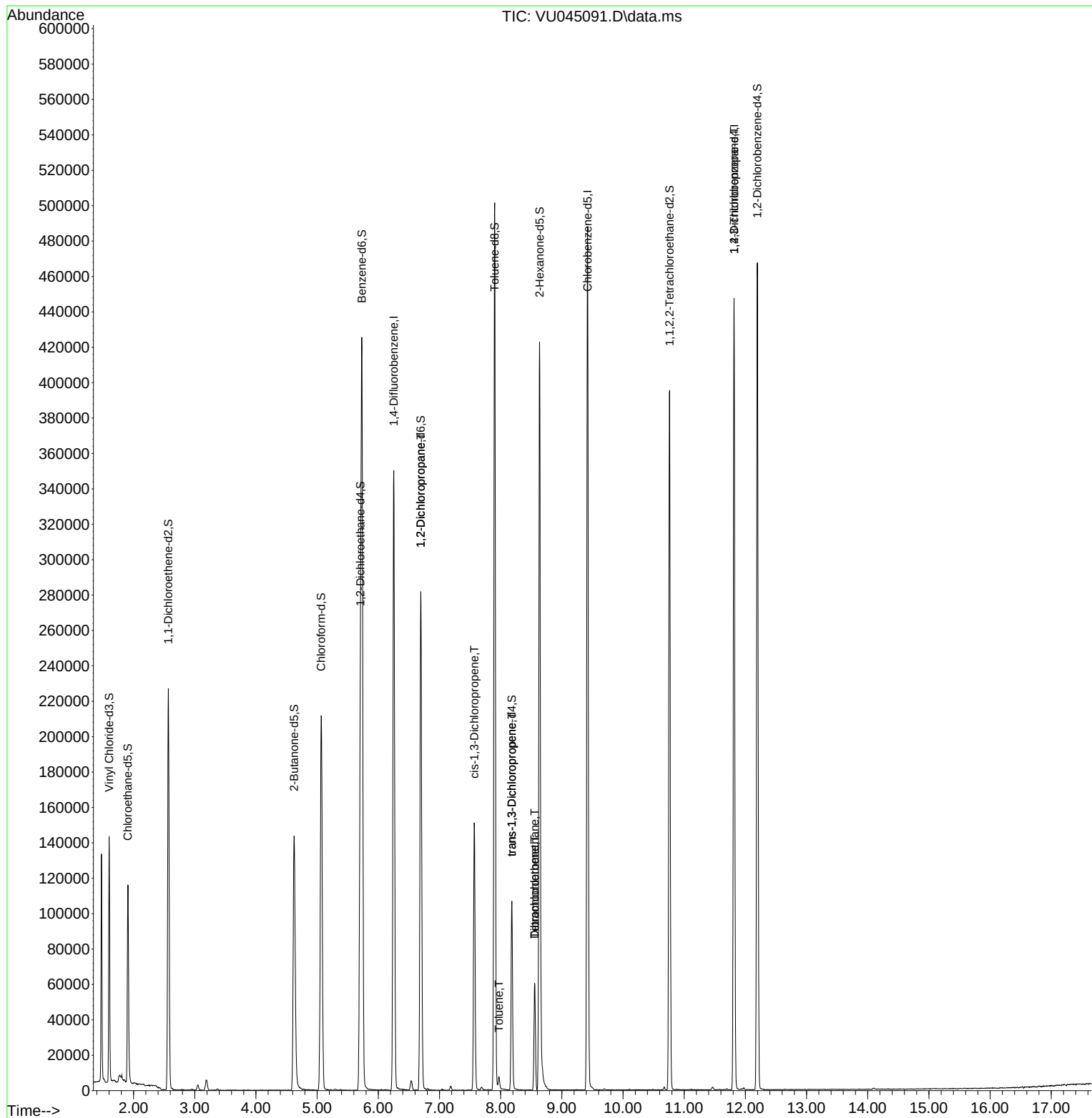
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	265431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	111040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95024	32.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.400%		
7) Chloroethane-d5	1.906	69	87672	38.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.160%		
11) 1,1-Dichloroethene-d2	2.568	63	134268	27.516	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.040%#		
21) 2-Butanone-d5	4.623	46	207588	90.367	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.370%		
24) Chloroform-d	5.067	84	192808	42.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.020%		
26) 1,2-Dichloroethane-d4	5.707	65	135385	43.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
32) Benzene-d6	5.732	84	379263	42.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.620%		
36) 1,2-Dichloropropane-d6	6.694	67	126667	43.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.680%		
41) Toluene-d8	7.903	98	318460	41.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.300%		
43) trans-1,3-Dichloroprop...	8.182	79	56228	43.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.500%		
47) 2-Hexanone-d5	8.636	63	147502	92.132	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.130%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	196736	43.732	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	115708	47.882	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.694	63	14397	5.584	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3698	1.002	ug/L #	67
42) Toluene	7.973	91	4675	0.486	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2356	0.672	ug/L #	75
46) Tetrachloroethene	8.555	164	12608	7.755	ug/L	97
49) Dibromochloromethane	8.555	129	12698	5.494	ug/L #	11
60) 1,2,3-Trichloropropane	11.816	75	14713	4.791	ug/L #	67

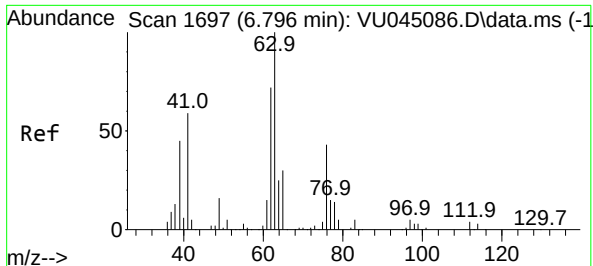
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration

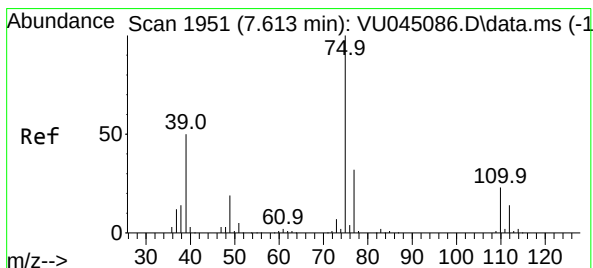
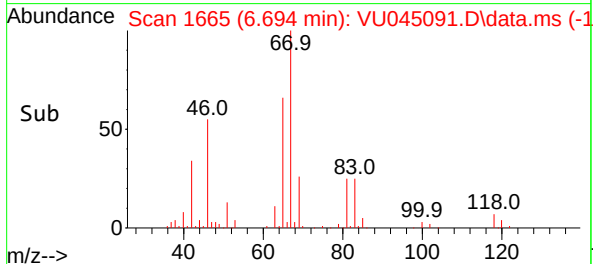
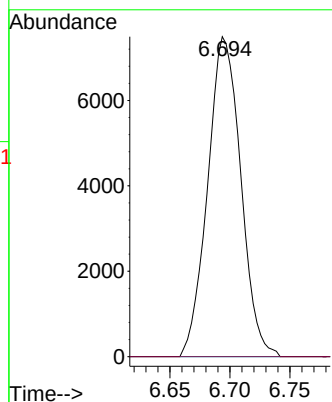
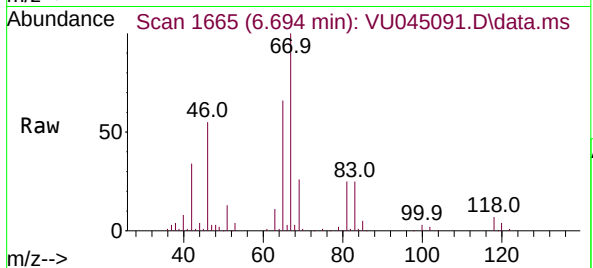




#37
1,2-Dichloropropane
Concen: 5.584 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

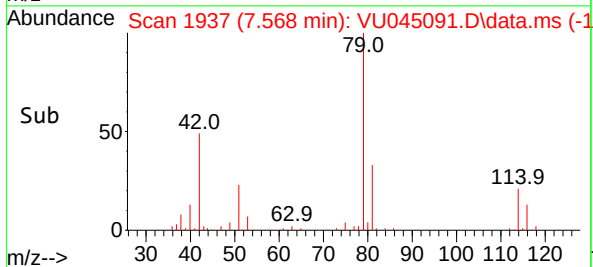
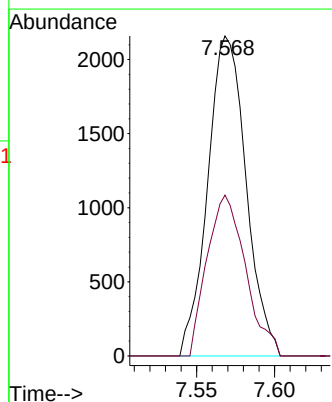
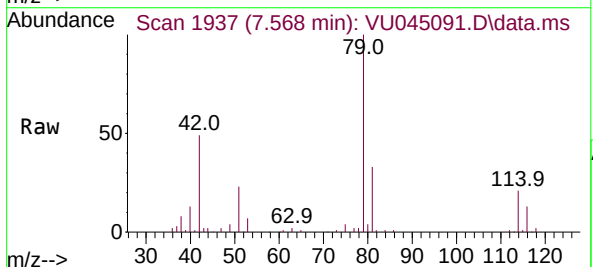
Instrument :
MSVOA_U
ClientSampleId :
F4A41DL

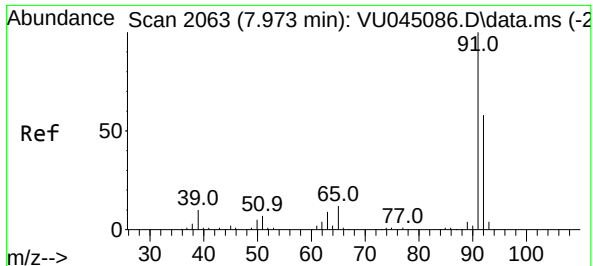
Tgt Ion: 63 Resp: 14397
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

Tgt Ion: 75 Resp: 3698
Ion Ratio Lower Upper
75 100
77 50.3 22.4 41.6#

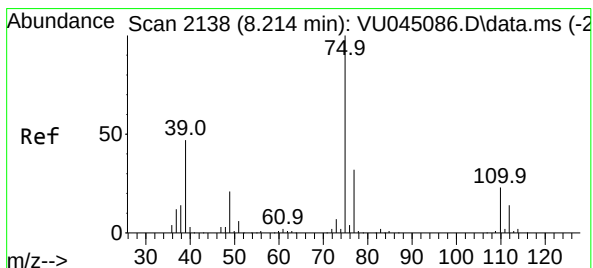
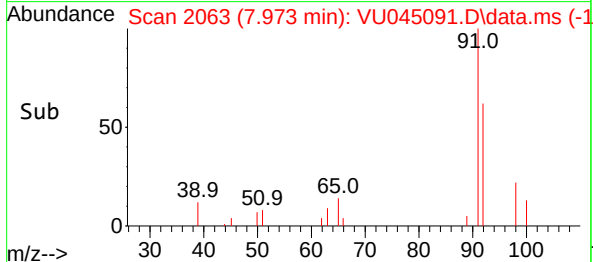
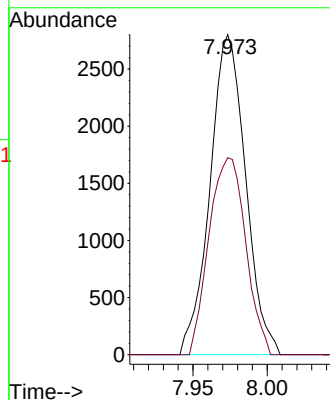
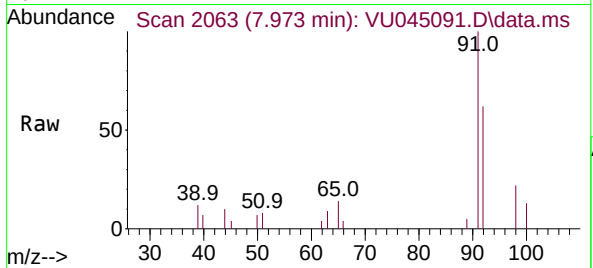




#42
Toluene
Concen: 0.486 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

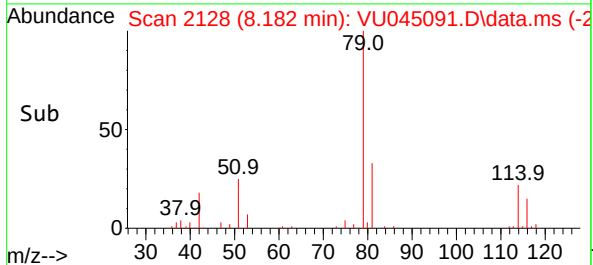
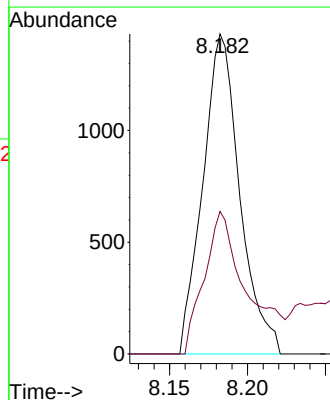
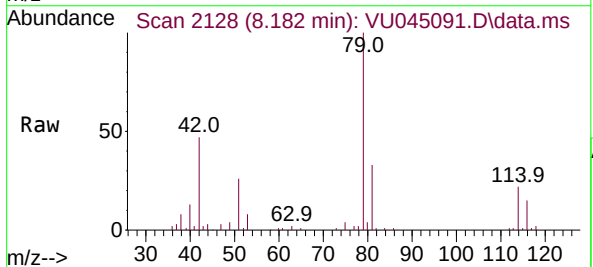
Instrument :
MSVOA_U
ClientSampleId :
F4A41DL

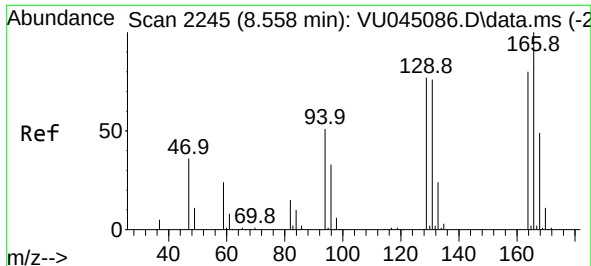
Tgt Ion: 91 Resp: 4675
Ion Ratio Lower Upper
91 100
92 61.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.672 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

Tgt Ion: 75 Resp: 2356
Ion Ratio Lower Upper
75 100
77 44.6 21.7 40.3#

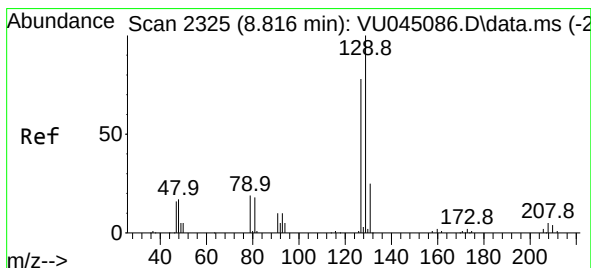
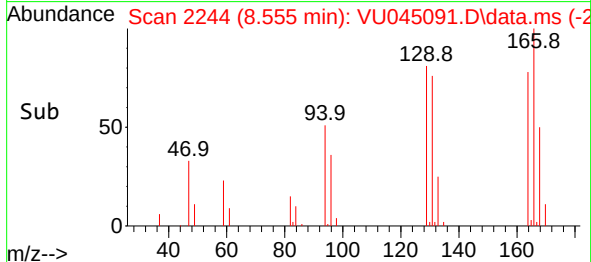
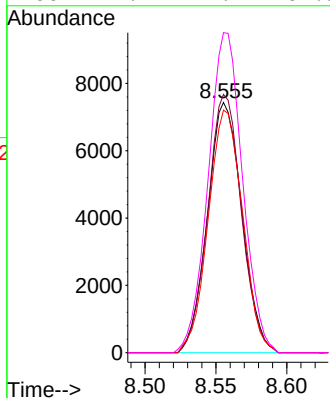
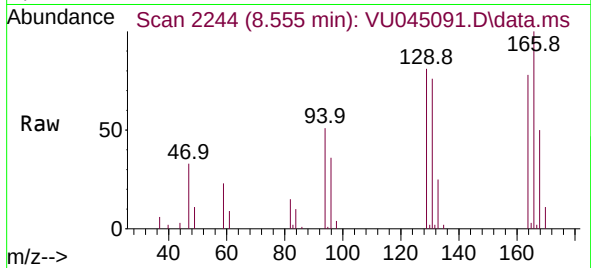




#46
Tetrachloroethene
Concen: 7.755 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

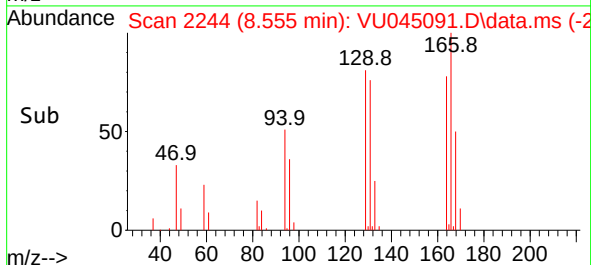
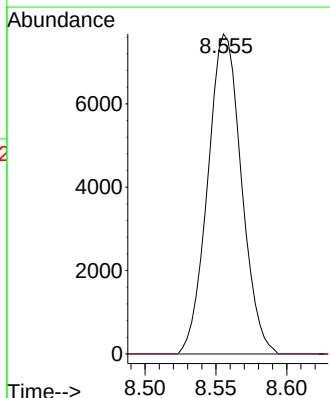
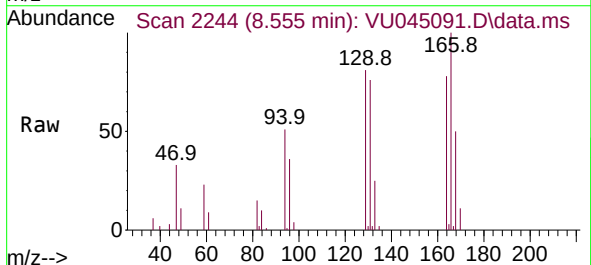
Instrument :
MSVOA_U
ClientSampleId :
F4A41DL

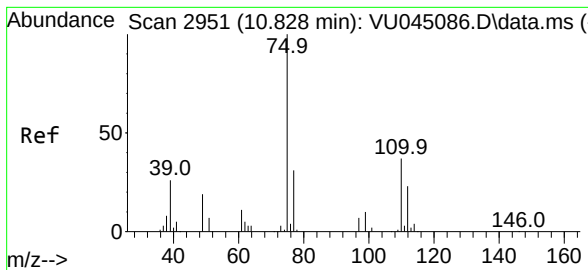
Tgt Ion:164 Resp: 12608
Ion Ratio Lower Upper
164 100
129 103.2 69.8 129.6
131 99.9 66.4 123.2
166 127.9 91.1 169.3



#49
Dibromochloromethane
Concen: 5.494 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

Tgt Ion:129 Resp: 12698
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#





#60
 1,2,3-Trichloropropane
 Concen: 4.791 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045091.D
 Acq: 04 Oct 2021 13:15

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 MSVOA_U
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Tgt Ion: 75	Resp: 14713
Ion Ratio	Lower Upper
75 100	
77 34.6	25.5 38.3
110 2.1	29.0 43.4#

