

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045243.D
 Acq On : 08 Oct 2021 11:55
 Operator : SY/MD
 Sample : M4023-04 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Oct 09 05:30:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

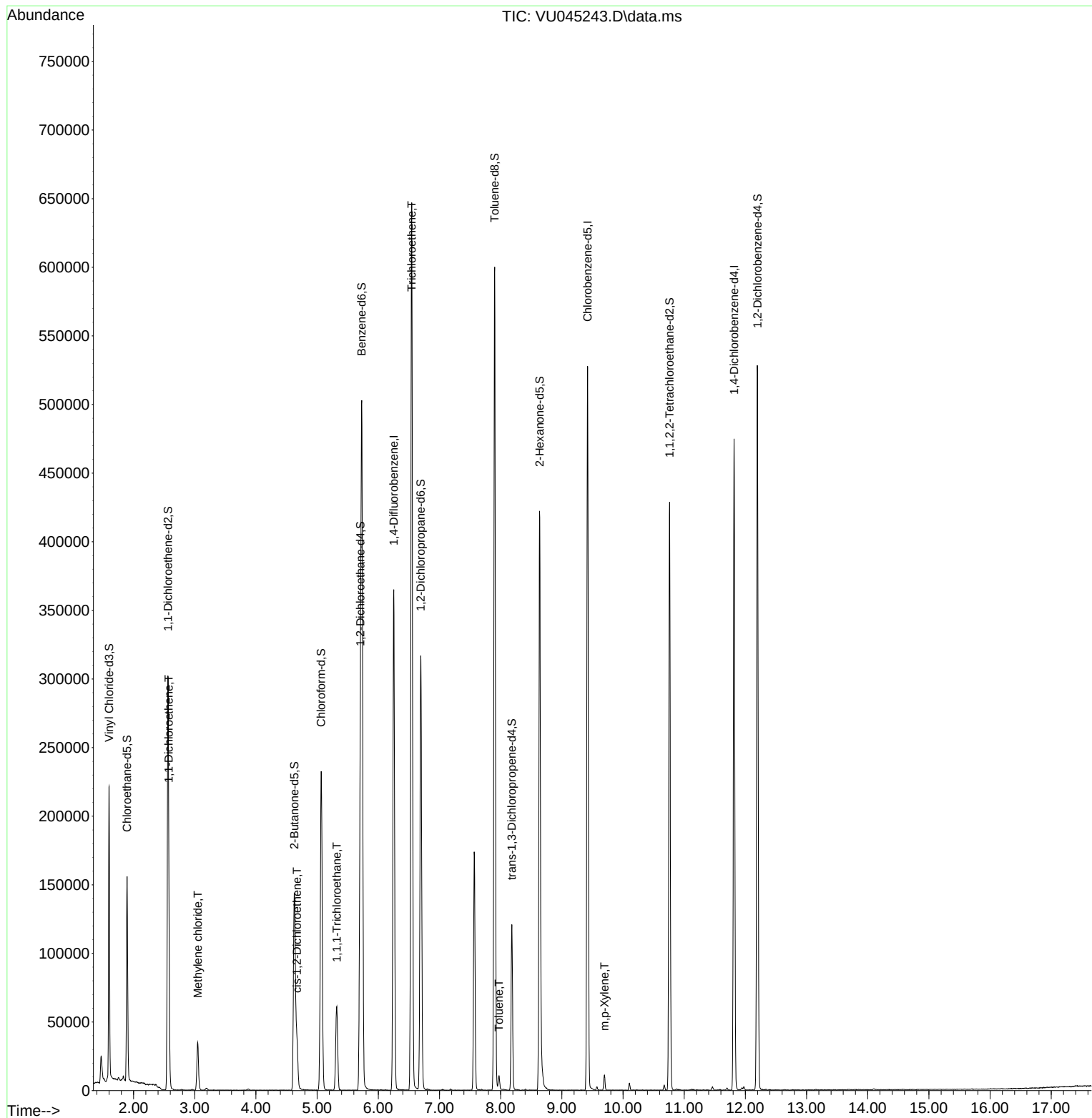
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	270690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	116399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	143006	46.669	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.340%	
7) Chloroethane-d5	1.893	69	113737	46.840	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.680%	
11) 1,1-Dichloroethene-d2	2.562	63	179685	34.918	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.840%	
21) 2-Butanone-d5	4.626	46	209881	86.637	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.640%	
24) Chloroform-d	5.067	84	208326	43.045	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.100%	
26) 1,2-Dichloroethane-d4	5.707	65	149857	45.713	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.420%	
32) Benzene-d6	5.729	84	445372	47.416	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.840%	
36) 1,2-Dichloropropane-d6	6.694	67	142975	46.683	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.360%	
41) Toluene-d8	7.903	98	383982	47.371	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.740%	
43) trans-1,3-Dichloroprop...	8.182	79	63660	46.727	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.460%	
47) 2-Hexanone-d5	8.636	63	145016	85.441	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.440%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213058	44.674	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.340%	
66) 1,2-Dichlorobenzene-d4	12.198	152	130326	51.448	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.900%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	14332	6.612	ug/L	# 1
16) Methylene chloride	3.047	84	16714	6.086	ug/L	89
20) cis-1,2-Dichloroethene	4.671	96	14870	5.910	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	43100	11.502	ug/L	98
34) Trichloroethene	6.546	95	220360	91.381	ug/L	100
42) Toluene	7.973	91	6712	0.658	ug/L	93
53) m,p-Xylene	9.697	106	3203	0.785	ug/L	88

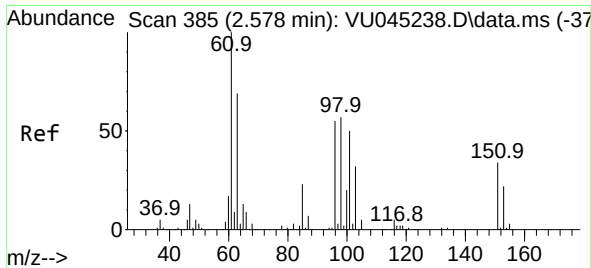
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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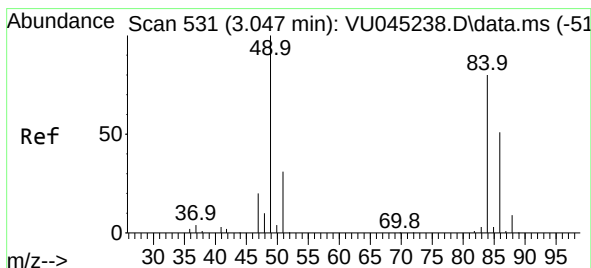
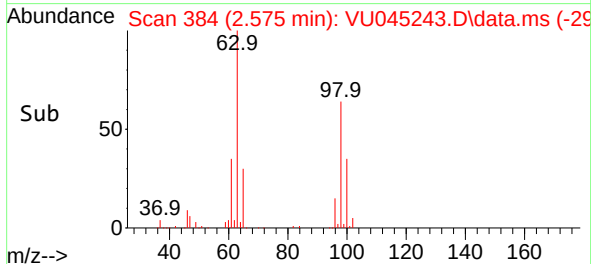
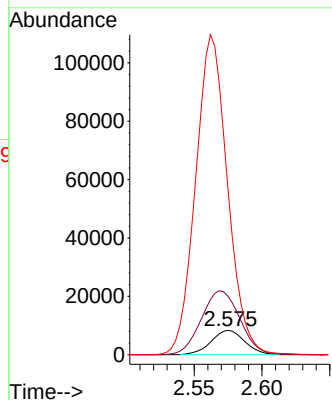
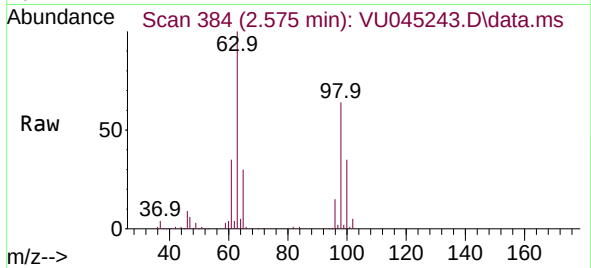




#12
1,1-Dichloroethene
Concen: 6.612 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

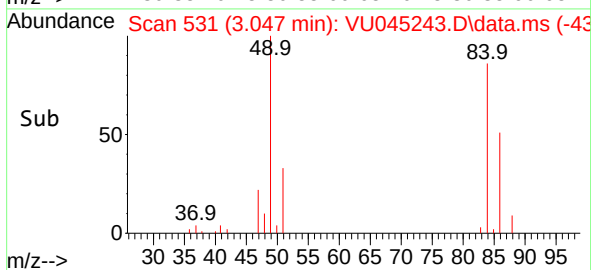
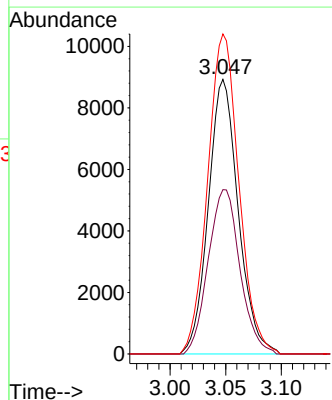
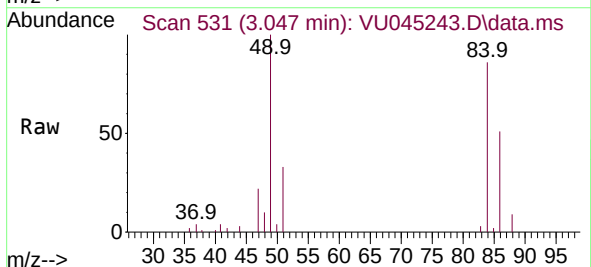
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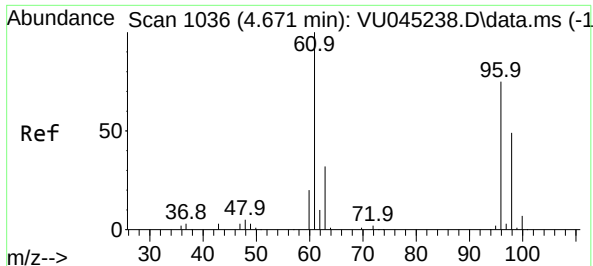
Tgt Ion: 96 Resp: 14332
Ion Ratio Lower Upper
96 100
61 241.0 131.3 243.9
63 686.1 102.5 190.3#



#16
Methylene chloride
Concen: 6.086 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 84 Resp: 16714
Ion Ratio Lower Upper
84 100
86 59.9 44.7 83.1
49 116.5 92.9 172.5

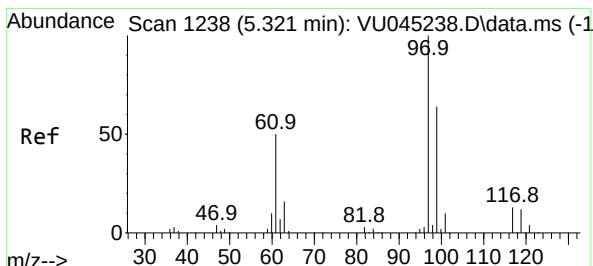
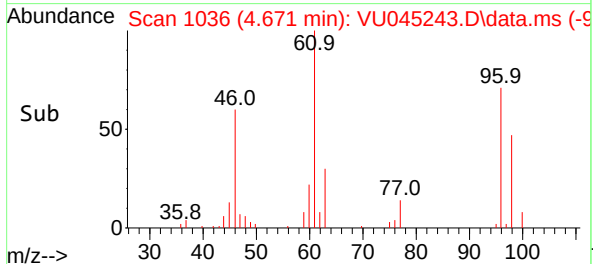
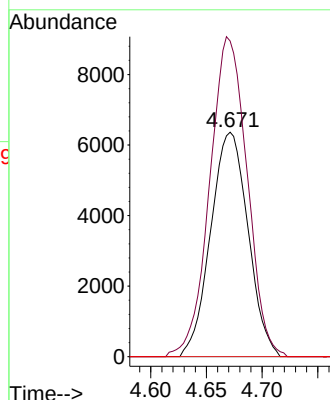
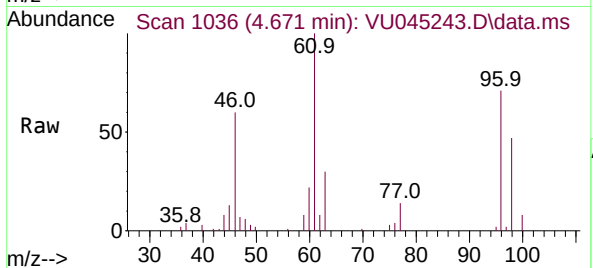




#20
 cis-1,2-Dichloroethene
 Concen: 5.910 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045243.D
 Acq: 08 Oct 2021 11:55

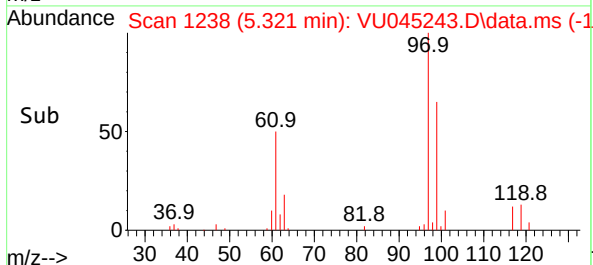
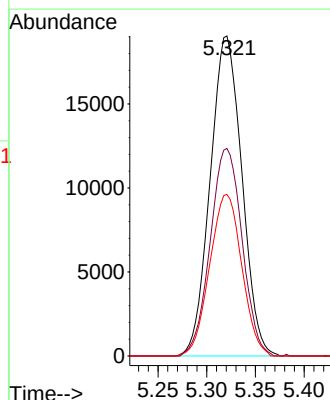
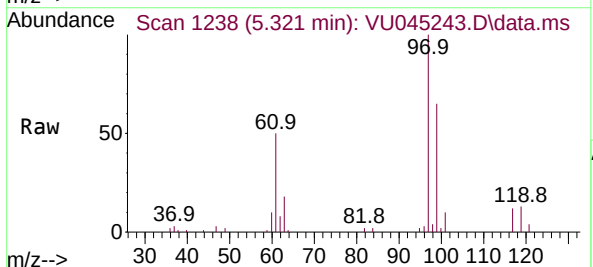
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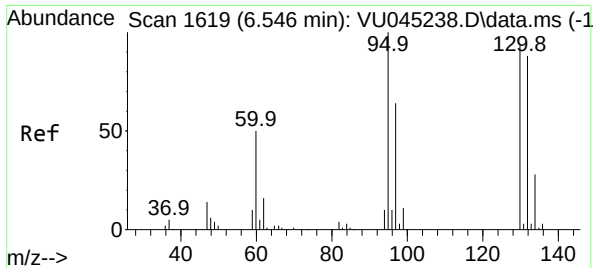
Tgt Ion: 96 Resp: 14870
 Ion Ratio Lower Upper
 96 100
 61 140.7 100.2 186.0
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 11.502 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VU045243.D
 Acq: 08 Oct 2021 11:55

Tgt Ion: 97 Resp: 43100
 Ion Ratio Lower Upper
 97 100
 99 65.2 50.6 75.8
 61 51.1 41.3 61.9

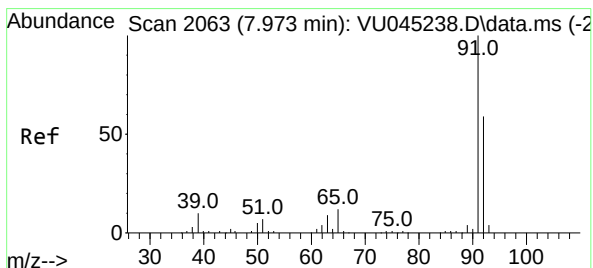
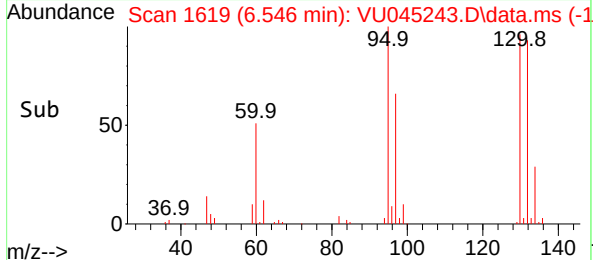
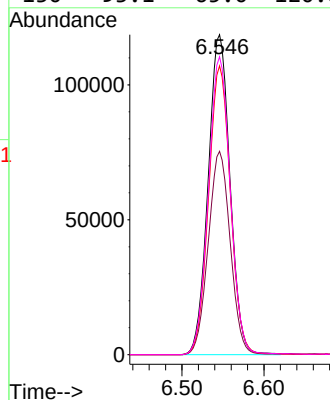
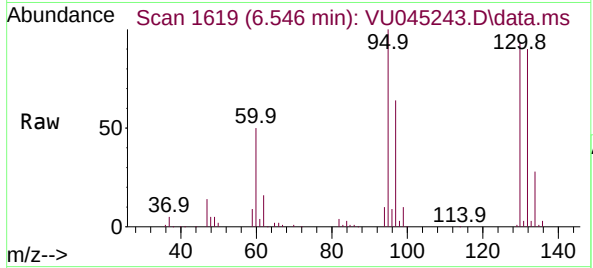




#34
Trichloroethene
Concen: 91.381 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

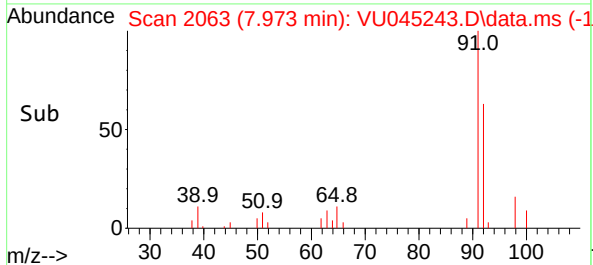
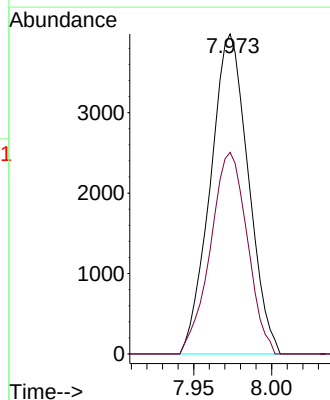
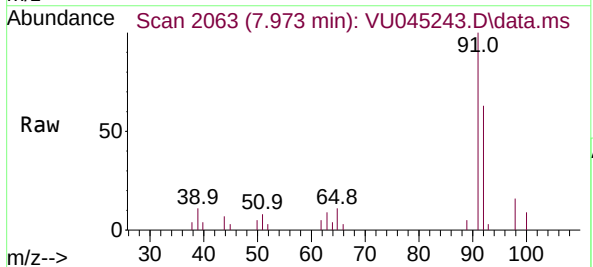
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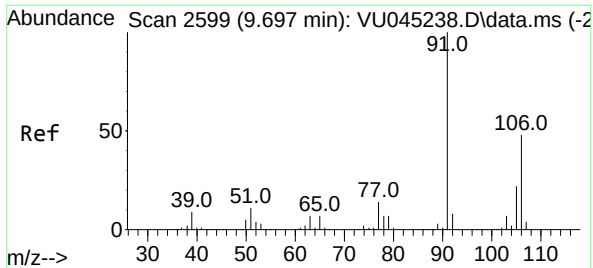
Tgt Ion: 95 Resp: 220360
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 90.2 62.9 116.9
130 93.1 65.0 120.8



#42
Toluene
Concen: 0.658 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 91 Resp: 6712
Ion Ratio Lower Upper
91 100
92 63.0 40.5 75.1





#53
 m,p-Xylene
 Concen: 0.785 ug/L
 RT: 9.697 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: VU045243.D
 Acq: 08 Oct 2021 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:106 Resp: 3203
 Ion Ratio Lower Upper
 106 100
 91 191.0 146.7 272.4

