

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053306.D
 Acq On : 20 Mar 2023 14:38
 Operator : JC/MD
 Sample : 01961-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB7

Quant Time: Mar 21 01:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

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

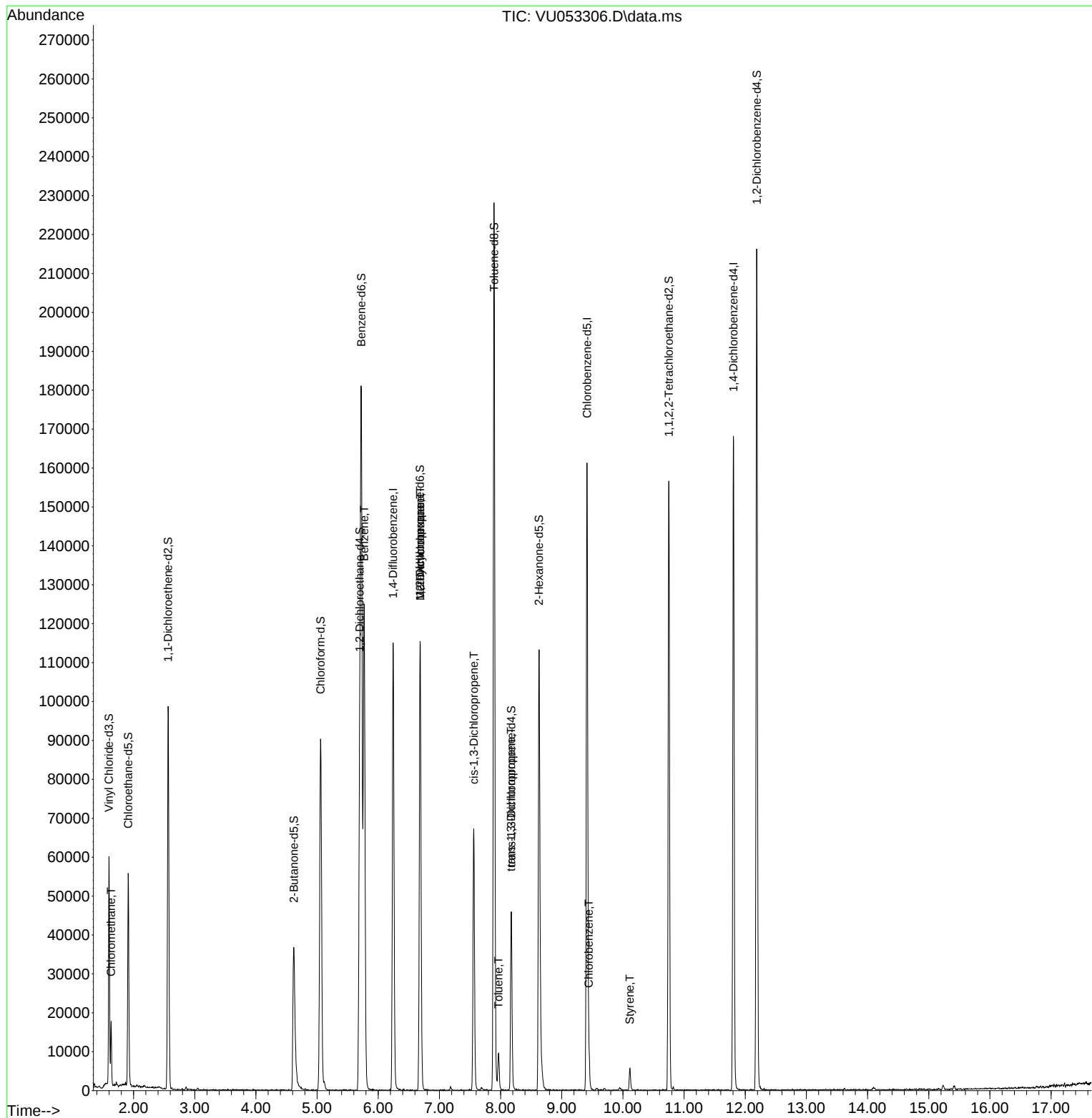
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	92653	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	85435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	40321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40986	47.949	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.900%			
7) Chloroethane-d5	1.912	69	38449	55.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.220%			
11) 1,1-Dichloroethene-d2	2.565	63	57272	38.678	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.360%			
21) 2-Butanone-d5	4.620	46	57486	145.002	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 145.000%#			
24) Chloroform-d	5.057	84	80309	57.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.080%			
26) 1,2-Dichloroethane-d4	5.697	65	55120	63.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 126.080%#			
32) Benzene-d6	5.723	84	169681	61.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.460%			
36) 1,2-Dichloropropane-d6	6.684	67	57203	63.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 127.920%#			
41) Toluene-d8	7.893	98	154561	59.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.820%			
43) trans-1,3-Dichloroprop...	8.176	79	26542	60.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.300%			
47) 2-Hexanone-d5	8.629	63	41180	147.276	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.280%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76124	65.705	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 131.400%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	51677	66.191	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.380%#			
Target Compounds						
					Qvalue	
3) Chloromethane	1.633	50	1686	1.892	ug/L	91
33) Benzene	5.771	78	121924	41.163	ug/L	100
35) Methylcyclohexane	6.687	83	12247	9.047	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	5808	7.028	ug/L #	90
39) cis-1,3-Dichloropropene	7.562	75	1589	1.170	ug/L #	63
42) Toluene	7.967	91	7082	2.224	ug/L	99
44) trans-1,3-Dichloropropene	8.173	75	1227	0.989	ug/L	88
51) Chlorobenzene	9.443	112	4453	2.244	ug/L	89
55) Styrene	10.111	104	3109	1.399	ug/L	93

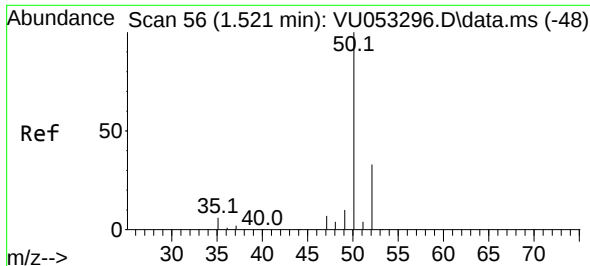
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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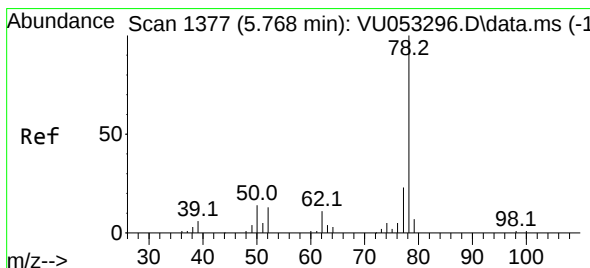
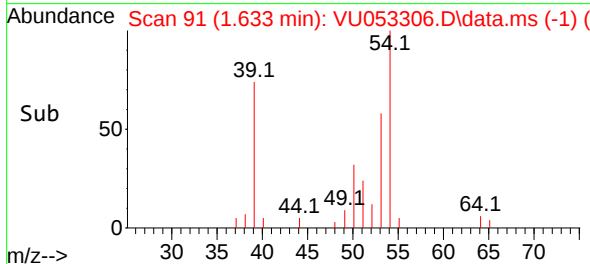
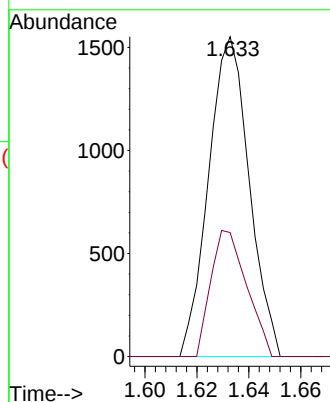
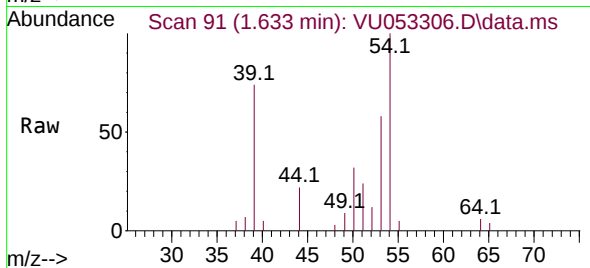




#3
Chloromethane
Concen: 1.892 ug/L
RT: 1.633 min Scan# 91
Delta R.T. 0.112 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

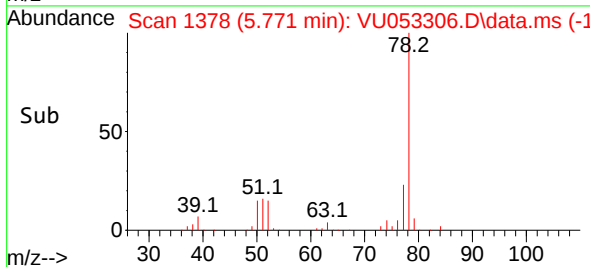
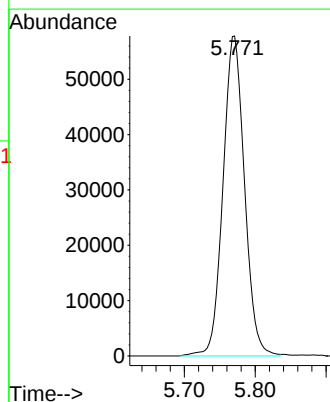
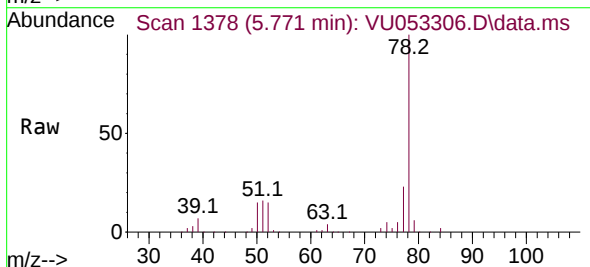
Instrument :
MSVOA_U
ClientSampleId :
EYFB7

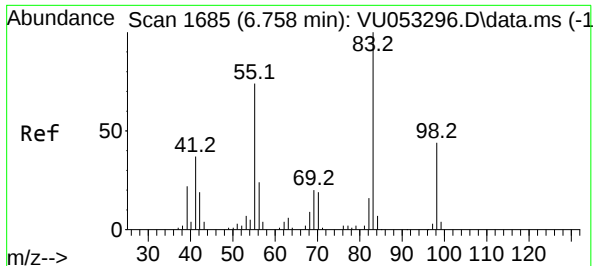
Tgt Ion: 50 Resp: 1686
Ion Ratio Lower Upper
50 100
52 38.8 23.4 43.4



#33
Benzene
Concen: 41.163 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

Tgt Ion: 78 Resp: 121924





#35

Methylcyclohexane

Concen: 9.047 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053306.D

Acq: 20 Mar 2023 14:38

Instrument :

MSVOA_U

ClientSampleId :

EYFB7

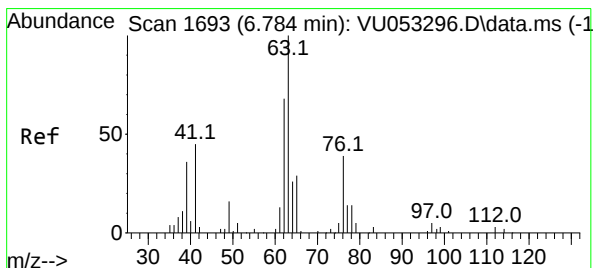
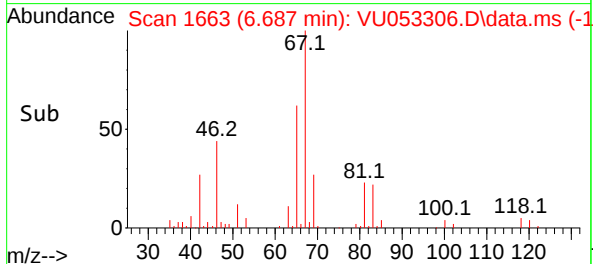
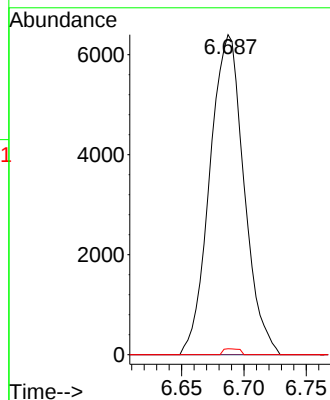
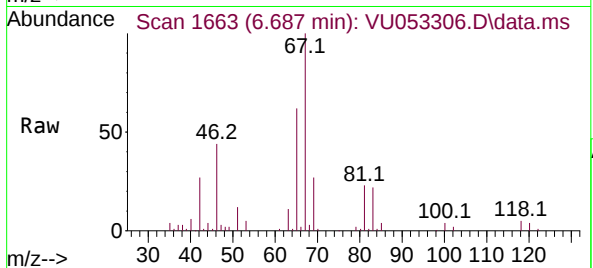
Tgt Ion: 83 Resp: 12247

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.7 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 7.028 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.097 min

Lab File: VU053306.D

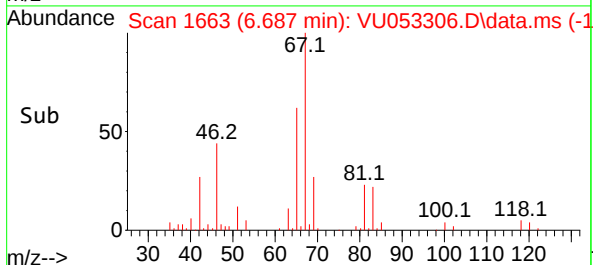
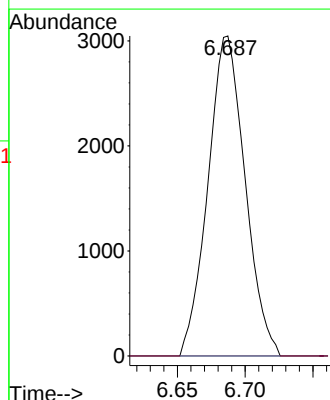
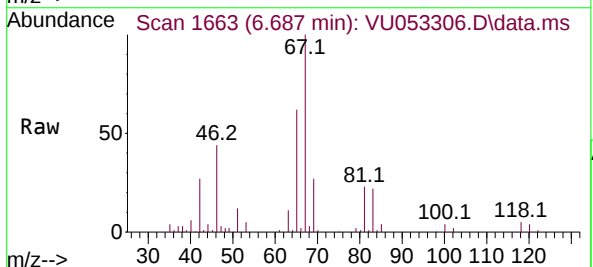
Acq: 20 Mar 2023 14:38

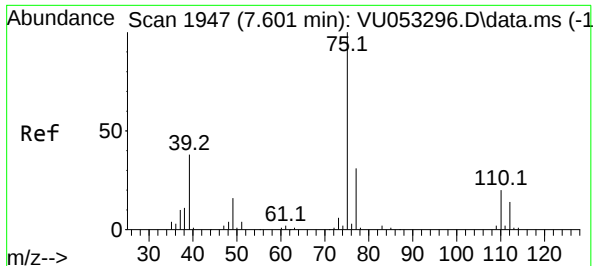
Tgt Ion: 63 Resp: 5808

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

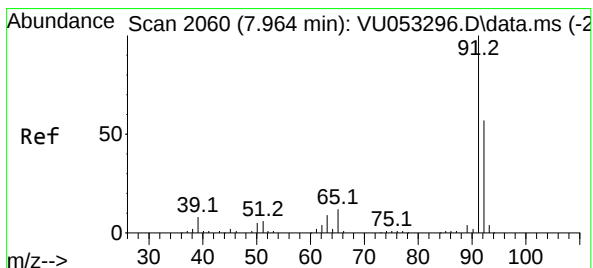
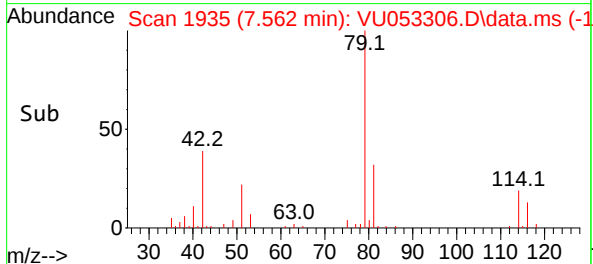
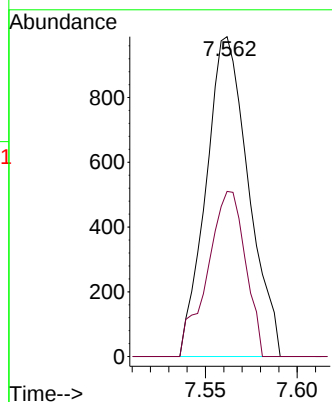
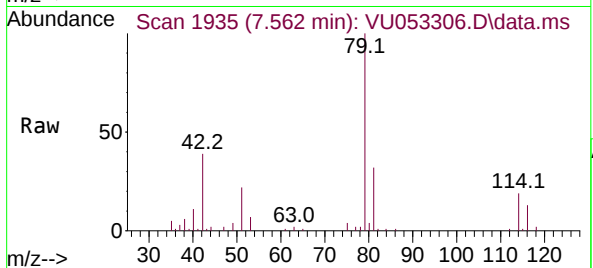




#39
cis-1,3-Dichloropropene
Concen: 1.170 ug/L
RT: 7.562 min Scan# 1947
Delta R.T. -0.039 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

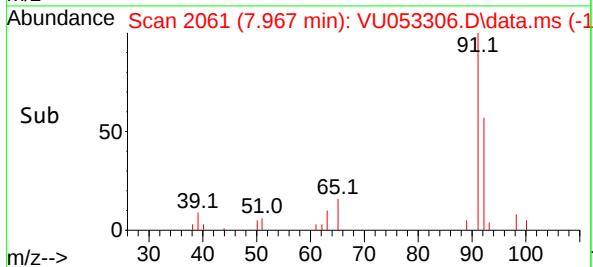
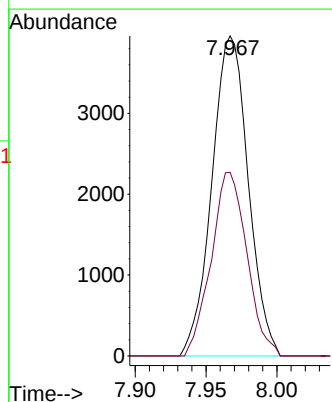
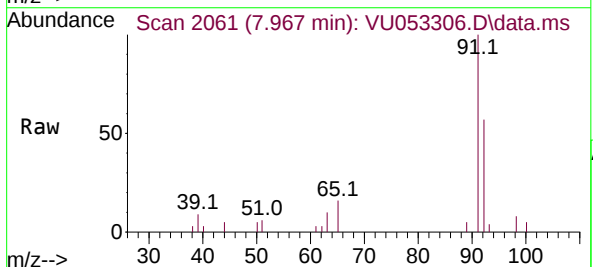
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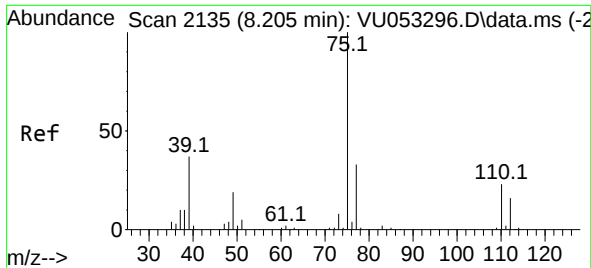
Tgt Ion: 75 Resp: 1589
Ion Ratio Lower Upper
75 100
77 51.6 21.9 40.7#



#42
Toluene
Concen: 2.224 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

Tgt Ion: 91 Resp: 7082
Ion Ratio Lower Upper
91 100
92 57.4 39.6 73.6

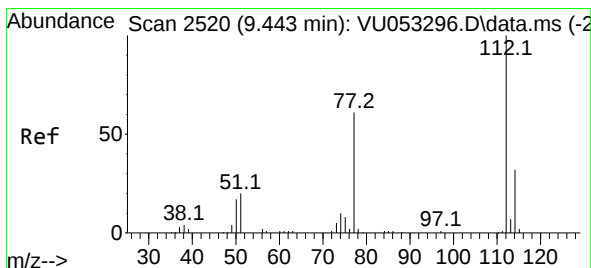
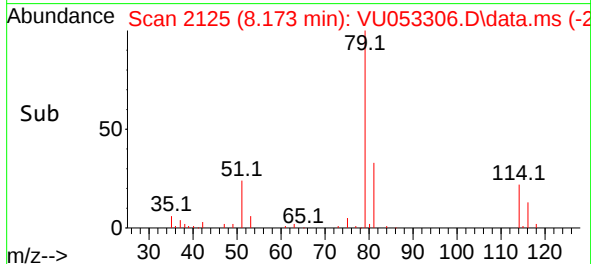
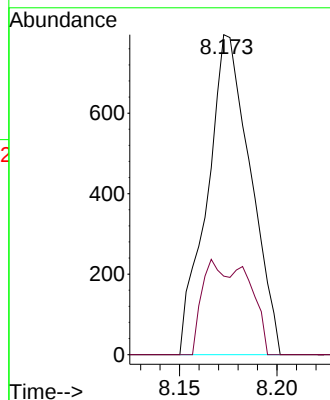
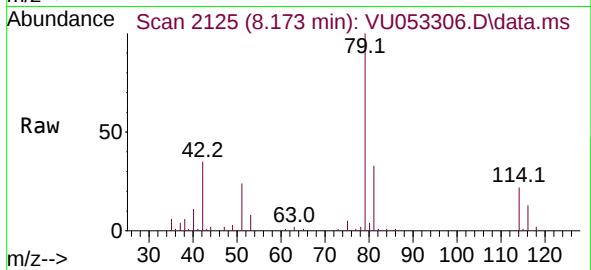




#44
trans-1,3-Dichloropropene
Concen: 0.989 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.033 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

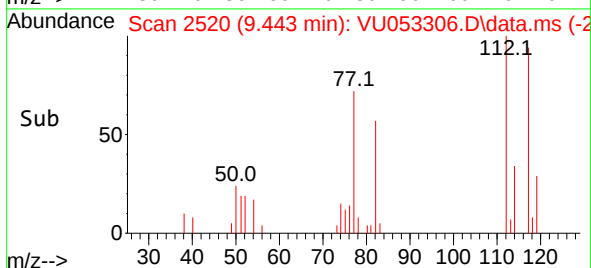
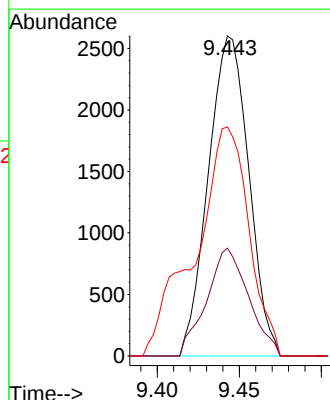
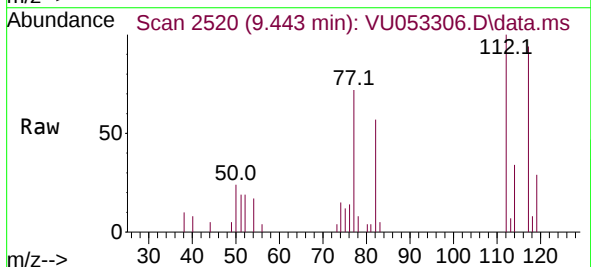
Instrument :
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ClientSampleId :
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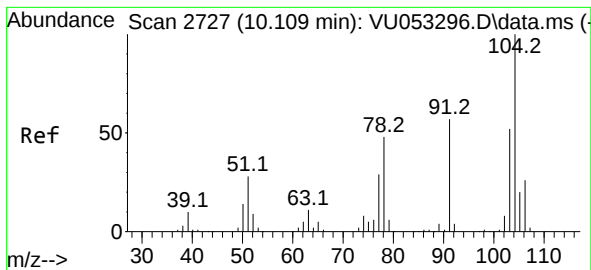
Tgt Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
77 24.5 22.0 40.8



#51
Chlorobenzene
Concen: 2.244 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053306.D
Acq: 20 Mar 2023 14:38

Tgt Ion: 112 Resp: 4453
Ion Ratio Lower Upper
112 100
114 33.7 21.8 40.6
77 71.6 48.8 73.2





#55

Styrene

Concen: 1.399 ug/L

RT: 10.111 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053306.D

Acq: 20 Mar 2023 14:38

Instrument :

MSVOA_U

ClientSampleId :

EYFB7

Tgt Ion:104 Resp: 3109

Ion Ratio Lower Upper

104 100

78 42.6 32.9 61.1

