

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053351.D
 Acq On : 22 Mar 2023 14:46
 Operator : JC/MD
 Sample : 01961-07RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2RE

Quant Time: Mar 23 02:44:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

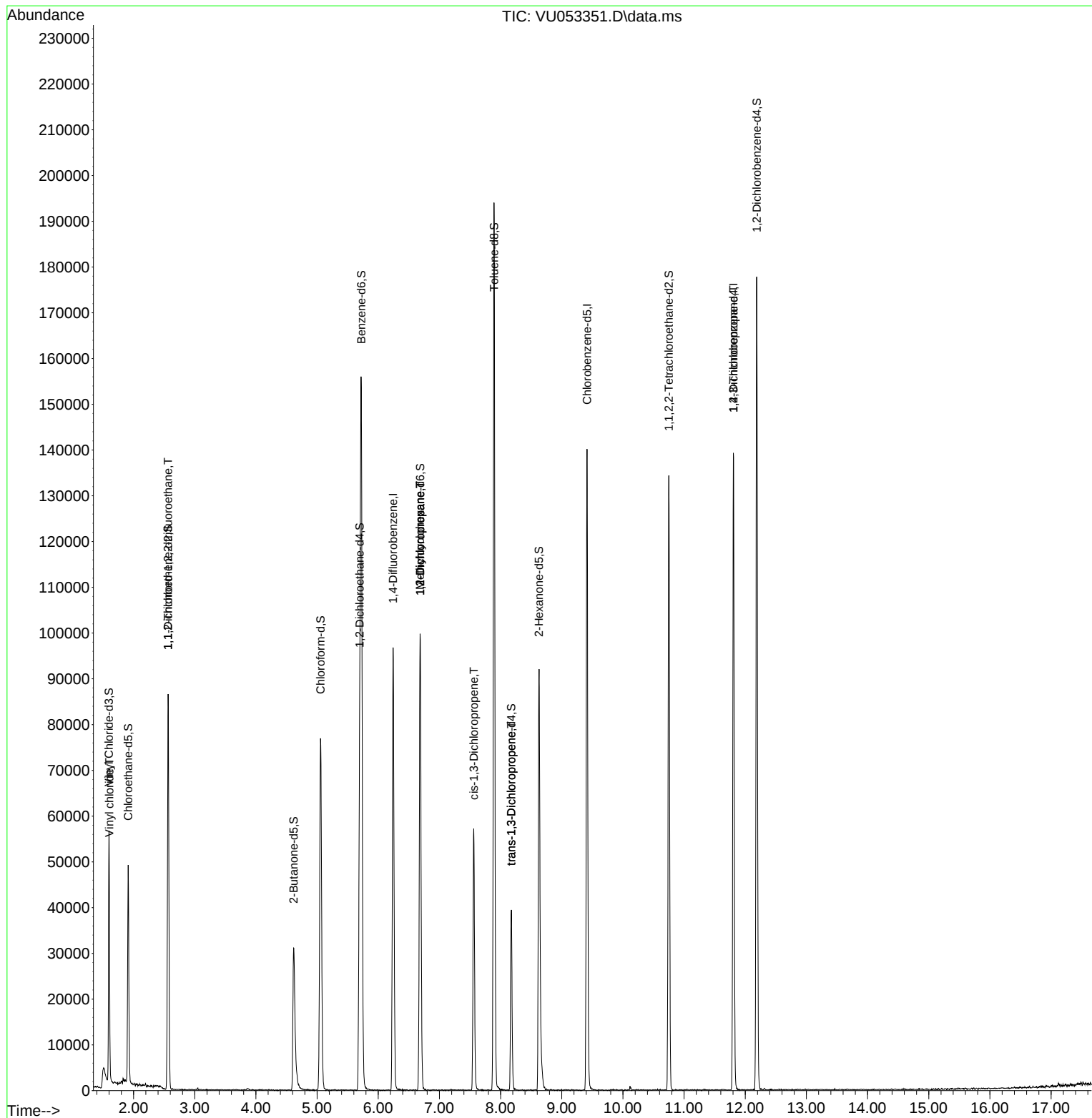
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	75393	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	71454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	33790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36871	53.010	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.020%		
7) Chloroethane-d5	1.912	69	34228	60.838	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 121.680%		
11) 1,1-Dichloroethene-d2	2.565	63	49401	41.000	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 82.000%		
21) 2-Butanone-d5	4.616	46	49250	152.668	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 152.670%#		
24) Chloroform-d	5.057	84	67018	58.500	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 117.000%		
26) 1,2-Dichloroethane-d4	5.697	65	47596	66.899	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 133.800%#		
32) Benzene-d6	5.723	84	143103	61.745	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 123.500%		
36) 1,2-Dichloropropane-d6	6.687	67	48823	65.271	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 130.540%#		
41) Toluene-d8	7.893	98	127940	59.292	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 118.580%		
43) trans-1,3-Dichloroprop...	8.176	79	22482	60.918	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 121.840%		
47) 2-Hexanone-d5	8.626	63	32235	137.842	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 137.840%#		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66470	68.598	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 137.200%#		
66) 1,2-Dichlorobenzene-d4	12.188	152	42932	65.618	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 131.240%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2266	2.857	ug/L #	20
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	366	0.611	ug/L #	22
35) Methylcyclohexane	6.684	83	10466	9.244	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	5148	7.449	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	1522	1.340	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	1025	0.988	ug/L #	65
60) 1,2,3-Trichloropropane	11.809	75	5132	7.643	ug/L #	68

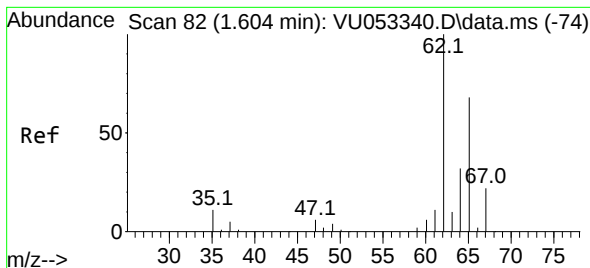
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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EYFC2RE

Quant Time: Mar 23 02:44:15 2023
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Quant Title : VOC Analysis
QLast Update : Thu Mar 23 02:41:20 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.857 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053351.D

Acq: 22 Mar 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

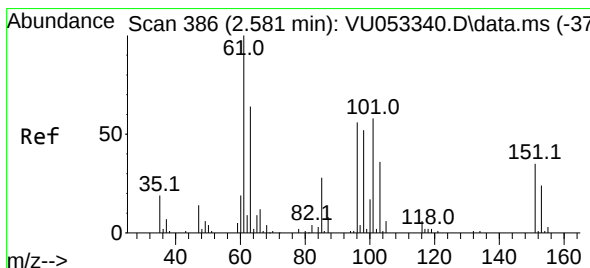
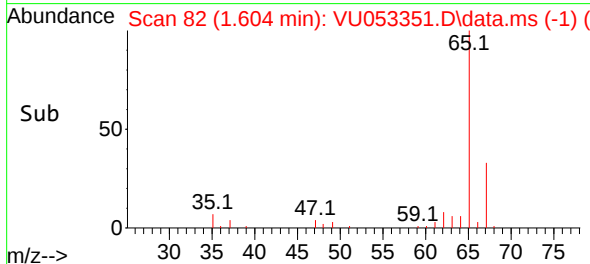
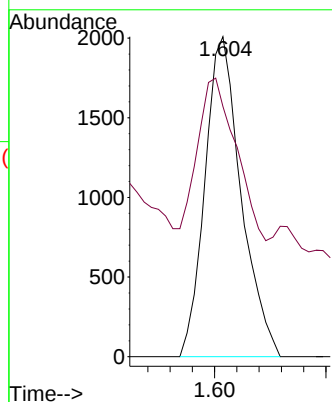
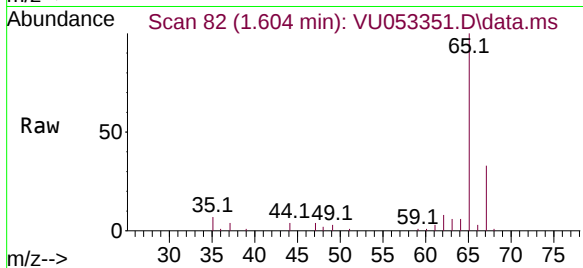
EYFC2RE

Tgt Ion: 62 Resp: 2266

Ion Ratio Lower Upper

62 100

64 78.2 23.2 43.0#



#10

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

Concen: 0.611 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU053351.D

Acq: 22 Mar 2023 14:46

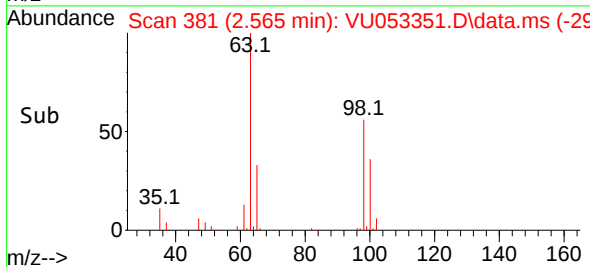
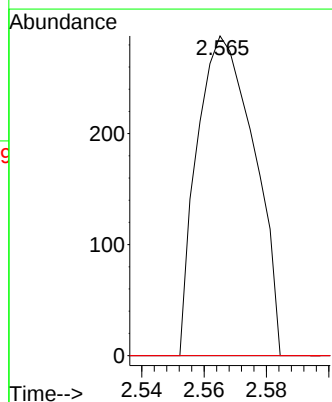
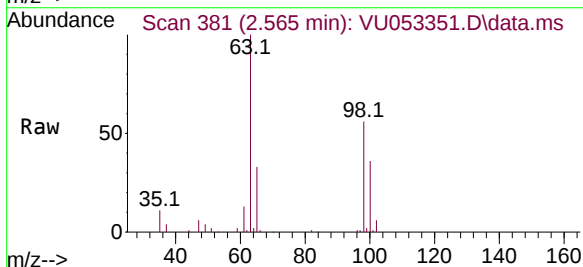
Tgt Ion: 101 Resp: 366

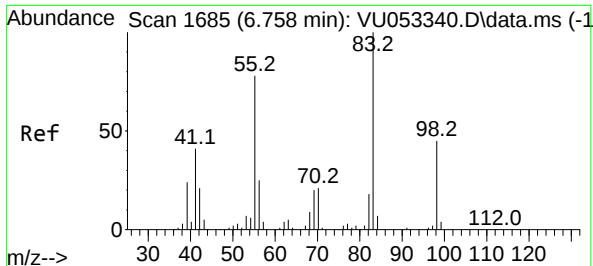
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 52.9 79.3#

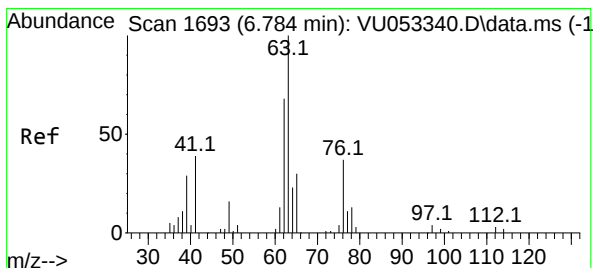
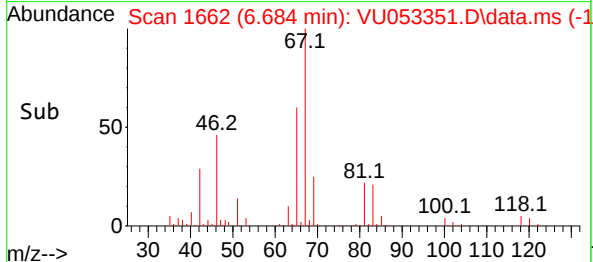
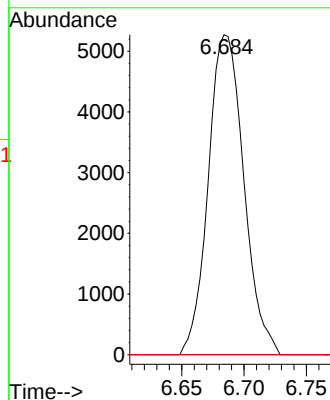
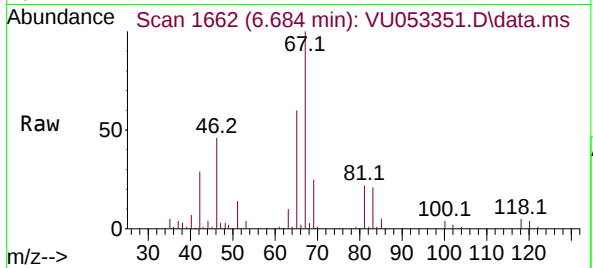




#35
Methylcyclohexane
Concen: 9.244 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053351.D
Acq: 22 Mar 2023 14:46

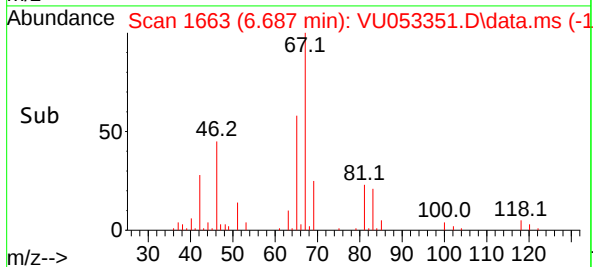
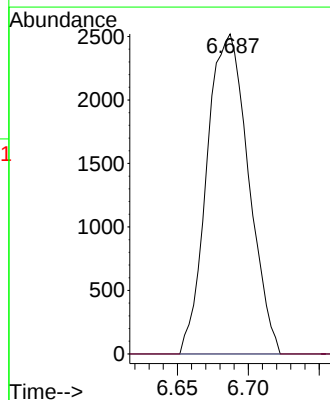
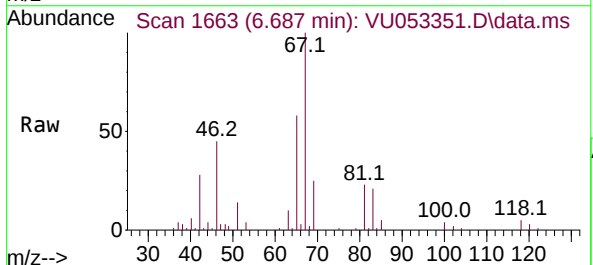
Instrument :
MSVOA_U
ClientSampleId :
EYFC2RE

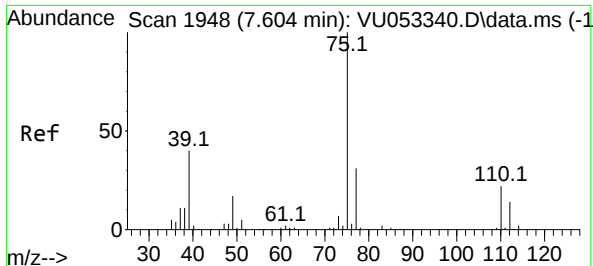
Tgt Ion: 83 Resp: 10466
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.0 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 7.449 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.097 min
Lab File: VU053351.D
Acq: 22 Mar 2023 14:46

Tgt Ion: 63 Resp: 5148
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.340 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU053351.D

Acq: 22 Mar 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

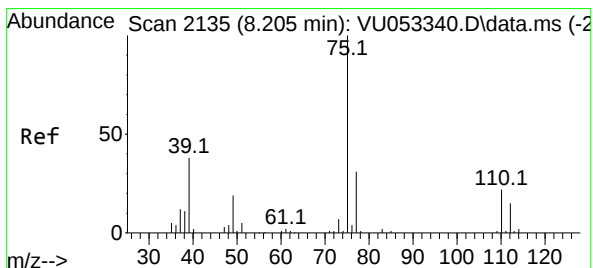
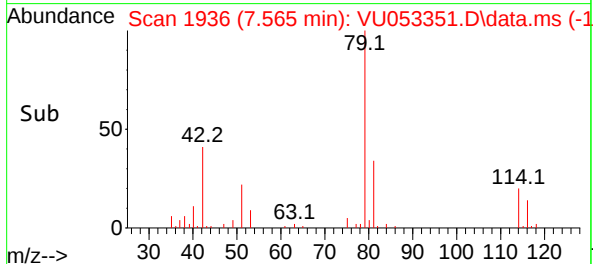
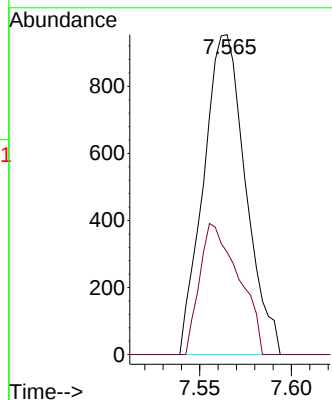
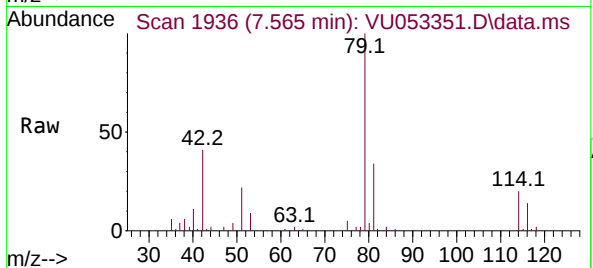
EYFC2RE

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#44

trans-1,3-Dichloropropene

Concen: 0.988 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053351.D

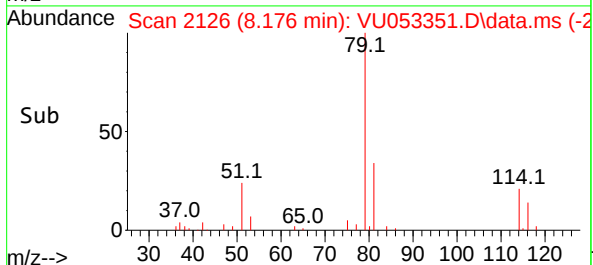
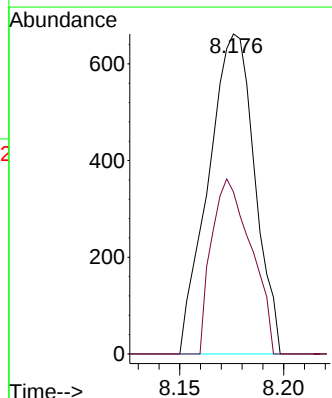
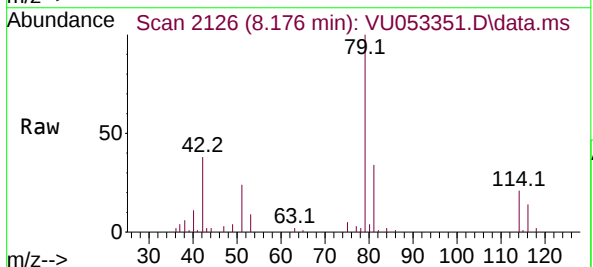
Acq: 22 Mar 2023 14:46

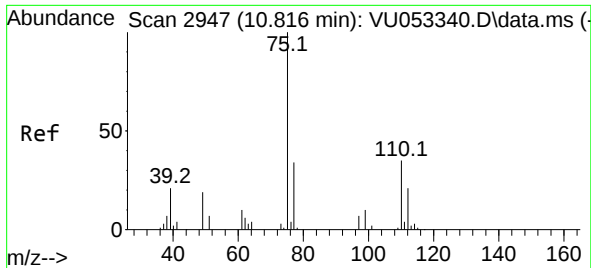
Tgt Ion: 75 Resp: 1025

Ion Ratio Lower Upper

75 100

77 50.6 22.0 40.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.643 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU053351.D
 Acq: 22 Mar 2023 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2RE

Tgt Ion: 75 Resp: 5132
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.6 40.0
 110 0.0 28.6 42.8#

