

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053333.D
 Acq On : 21 Mar 2023 18:43
 Operator : JC/MD
 Sample : 01961-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG2

Quant Time: Mar 22 03:13:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

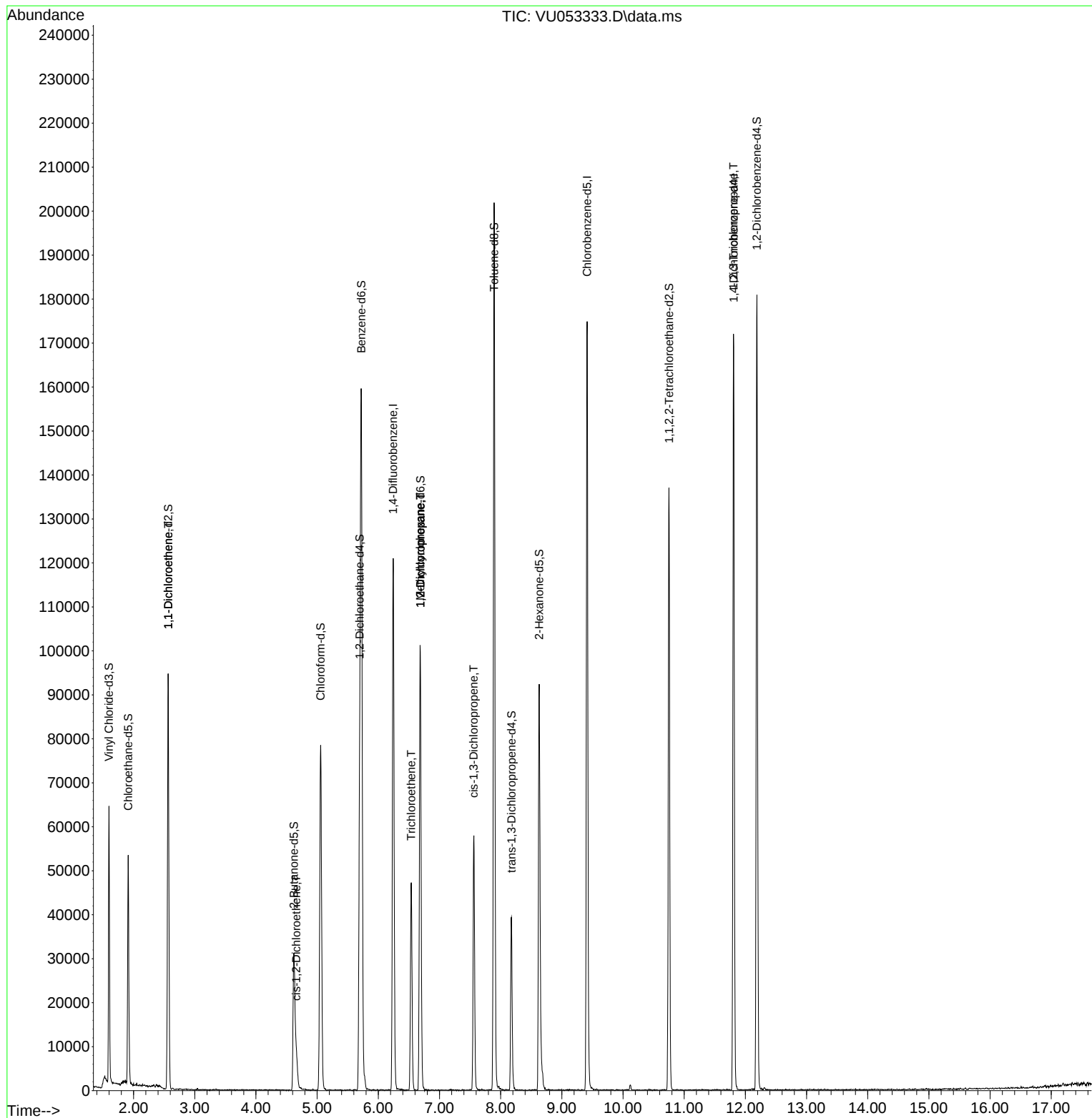
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	95551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	90663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	40457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42571	48.293	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	96.580%	
7) Chloroethane-d5	1.912	69	36971	51.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.700%	
11) 1,1-Dichloroethene-d2	2.565	63	54712	35.828	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.660%	
21) 2-Butanone-d5	4.620	46	47932	117.236	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.240%	
24) Chloroform-d	5.057	84	69009	47.530	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.060%	
26) 1,2-Dichloroethane-d4	5.697	65	48666	53.972	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.940%	
32) Benzene-d6	5.722	84	147638	50.205	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.420%	
36) 1,2-Dichloropropane-d6	6.687	67	49264	51.906	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.820%	
41) Toluene-d8	7.893	98	132855	48.525	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.040%	
43) trans-1,3-Dichloroprop...	8.176	79	23374	49.916	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.840%	
47) 2-Hexanone-d5	8.629	63	32985	111.165	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	111.160%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66461	54.056	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	108.120%	
66) 1,2-Dichlorobenzene-d4	12.188	152	43453	55.470	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	110.940%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.565	96	443	0.631	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	2668	3.190	ug/L	90
34) Trichloroethene	6.536	95	15425	18.821	ug/L	94
35) Methylcyclohexane	6.684	83	10340	7.198	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	5432	6.194	ug/L #	90
39) cis-1,3-Dichloropropene	7.558	75	1600	1.111	ug/L #	53
60) 1,2,3-Trichloropropane	11.806	75	6495	8.079	ug/L #	68

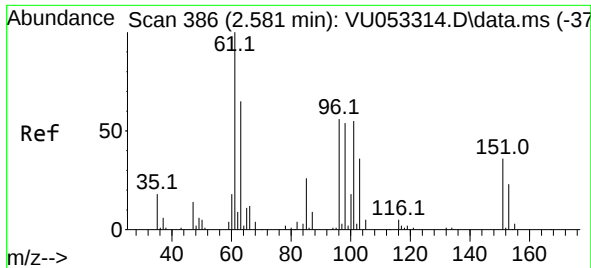
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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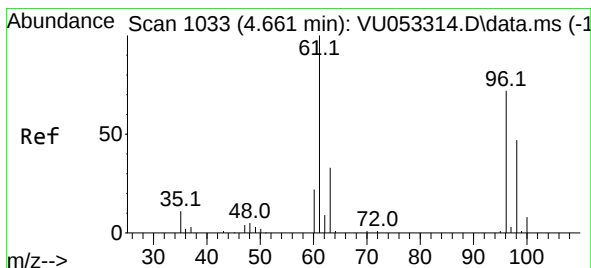
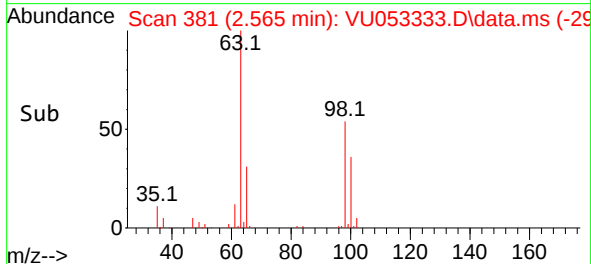
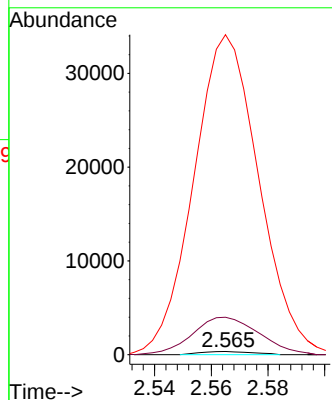
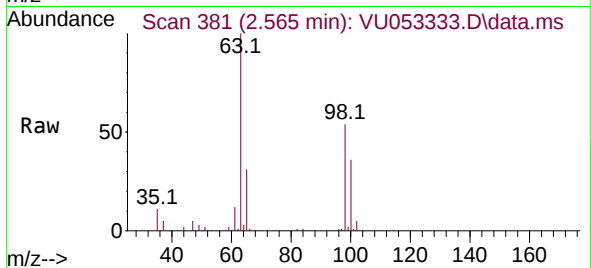




#12
1,1-Dichloroethene
Concen: 0.631 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU053333.D
Acq: 21 Mar 2023 18:43

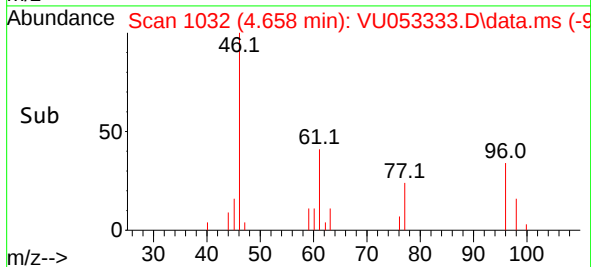
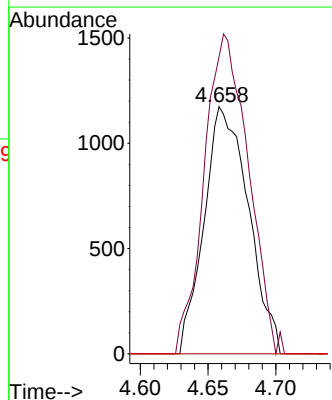
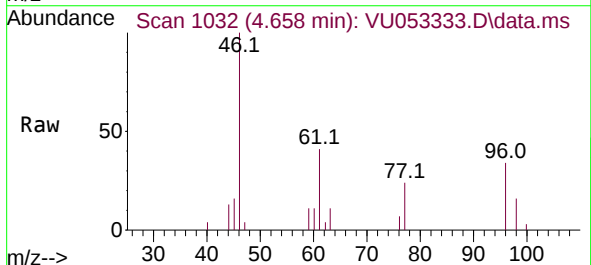
Instrument :
MSVOA_U
ClientSampleId :
EYFG2

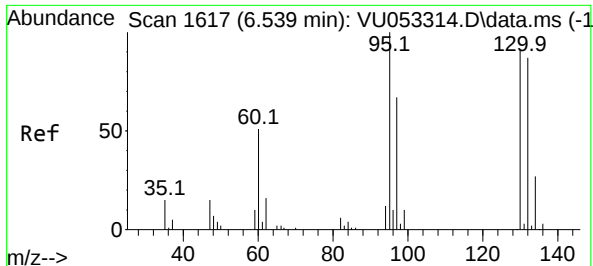
Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 1193.4 122.2 226.9#
63 10187.5 89.9 166.9#



#20
cis-1,2-Dichloroethene
Concen: 3.190 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053333.D
Acq: 21 Mar 2023 18:43

Tgt Ion: 96 Resp: 2668
Ion Ratio Lower Upper
96 100
61 120.2 92.5 171.7
68 0.0 0.0 0.0



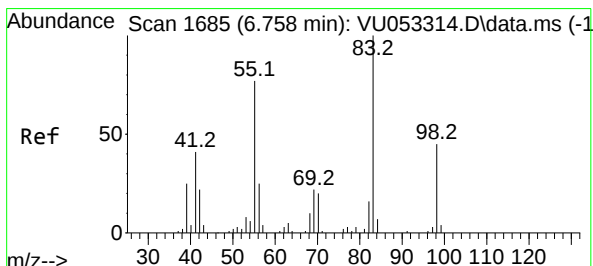
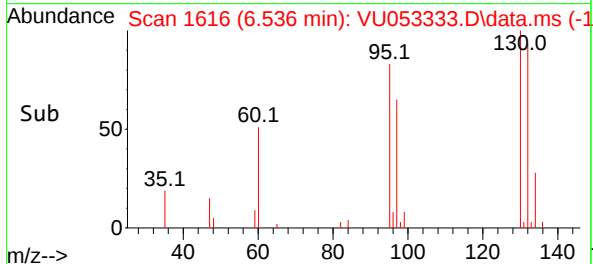
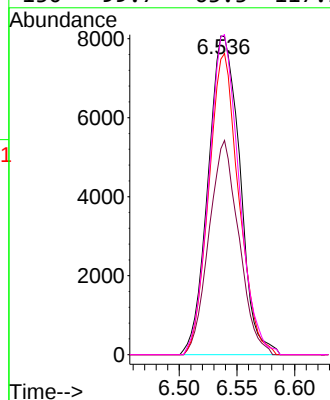
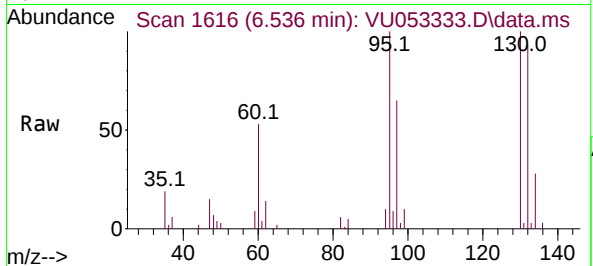


#34
Trichloroethene
Concen: 18.821 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053333.D
Acq: 21 Mar 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :
EYFG2

Tgt Ion: 95 Resp: 15425

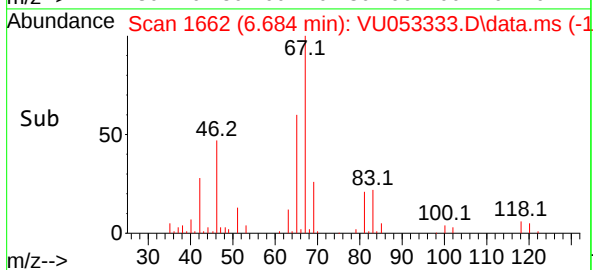
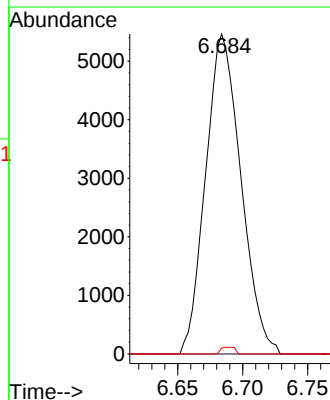
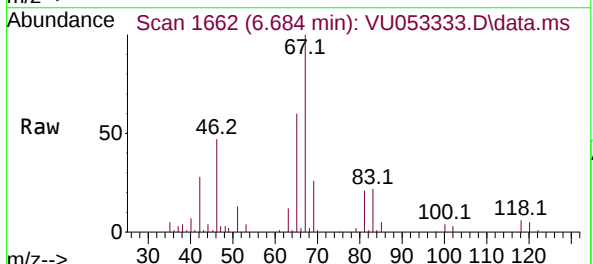
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.8	81.3
132	92.7	61.5	114.3
130	99.7	63.3	117.5

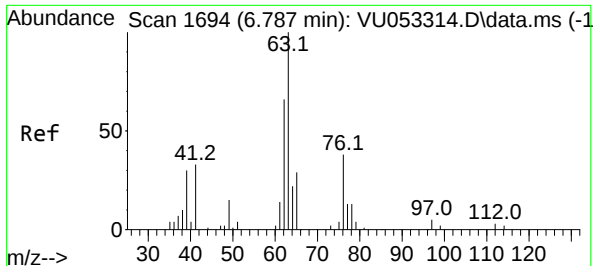


#35
Methylcyclohexane
Concen: 7.198 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053333.D
Acq: 21 Mar 2023 18:43

Tgt Ion: 83 Resp: 10340

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.6	35.4	53.2#





#37

1,2-Dichloropropane

Concen: 6.194 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053333.D

Acq: 21 Mar 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

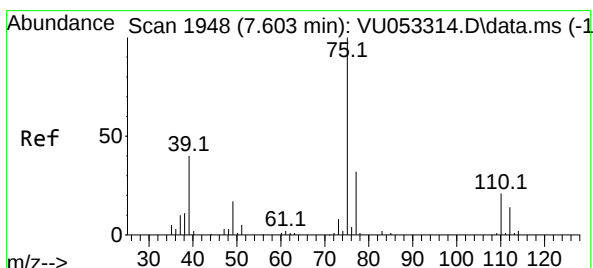
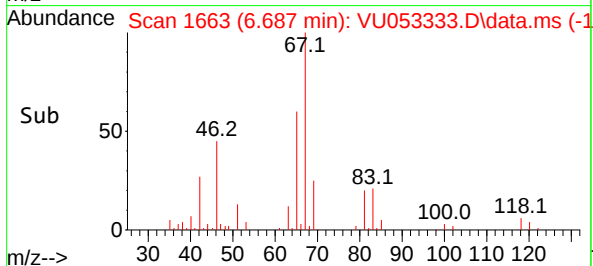
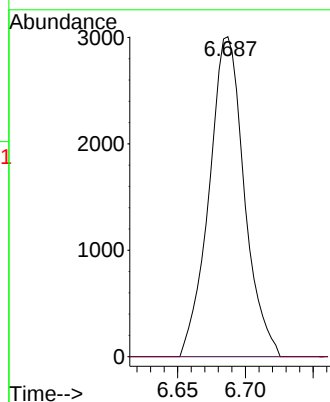
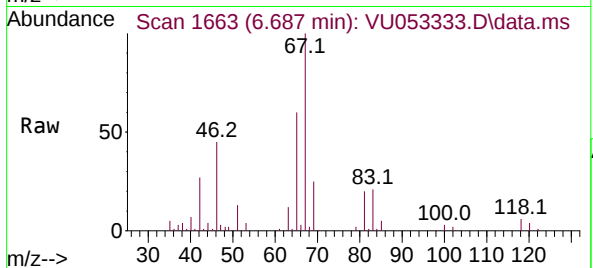
EYFG2

Tgt Ion: 63 Resp: 5432

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#39

cis-1,3-Dichloropropene

Concen: 1.111 ug/L

RT: 7.558 min Scan# 1934

Delta R.T. -0.045 min

Lab File: VU053333.D

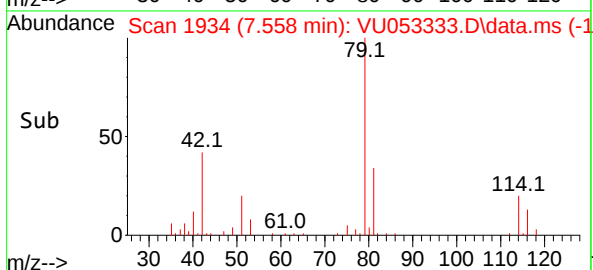
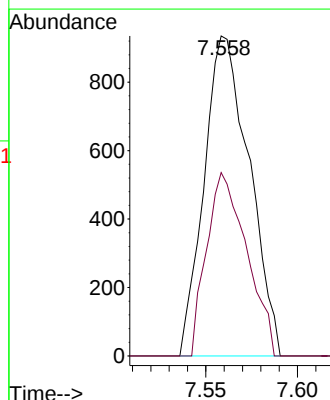
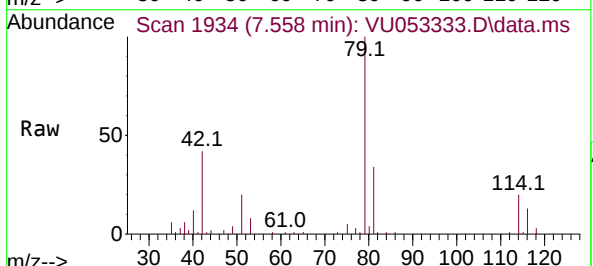
Acq: 21 Mar 2023 18:43

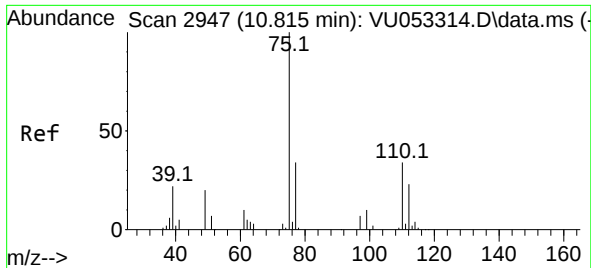
Tgt Ion: 75 Resp: 1600

Ion Ratio Lower Upper

75 100

77 57.3 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 8.079 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053333.D
 Acq: 21 Mar 2023 18:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG2

Tgt Ion: 75 Resp: 6495
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.6 40.0
 110 0.7 28.6 42.8#

