

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053233.D
 Acq On : 16 Mar 2023 17:52
 Operator : JC/MD
 Sample : 01930-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG6

Quant Time: Mar 17 02:43:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

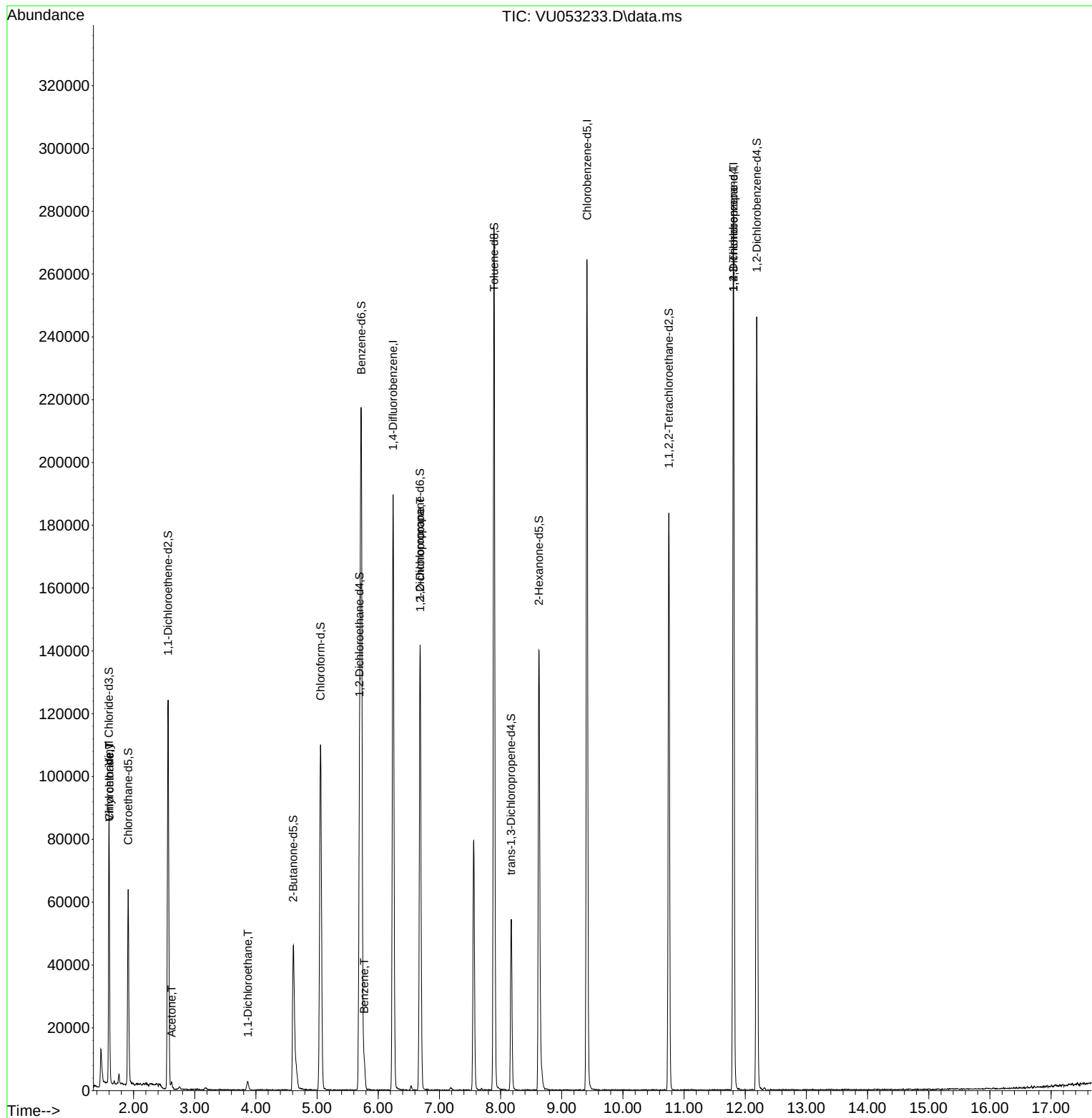
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	149353	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	140439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55166	40.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.080%
7) Chloroethane-d5	1.912	69	47022	42.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.380%
11) 1,1-Dichloroethene-d2	2.565	63	73313	30.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.420%
21) 2-Butanone-d5	4.610	46	67549	105.701	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	5.057	84	97315	42.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
26) 1,2-Dichloroethane-d4	5.694	65	63878	45.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
32) Benzene-d6	5.723	84	207263	45.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.684	67	68489	46.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.180%
41) Toluene-d8	7.893	98	181909	42.893	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.780%
43) trans-1,3-Dichloroprop...	8.173	79	31313	43.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.626	63	51052	111.072	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.070%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91886	48.247	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	12.189	152	59388	44.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	7984	5.081	ug/L #	68
8) Chloroethane	1.604	64	3523	3.795	ug/L	87
13) Acetone	2.623	43	2615	3.593	ug/L	71
19) 1,1-Dichloroethane	3.867	63	3890	1.712	ug/L	96
33) Benzene	5.771	78	8007	1.645	ug/L	100
37) 1,2-Dichloropropane	6.687	63	7381	5.434	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	10013	7.309	ug/L #	70

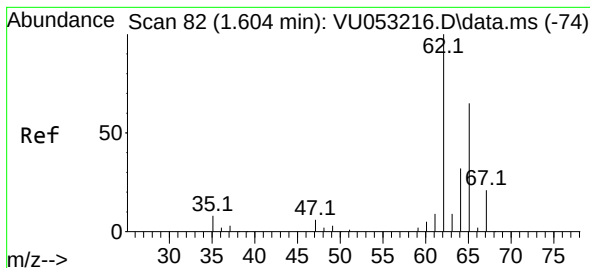
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.081 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU053233.D

Acq: 16 Mar 2023 17:52

Instrument :

MSVOA_U

ClientSampleId :

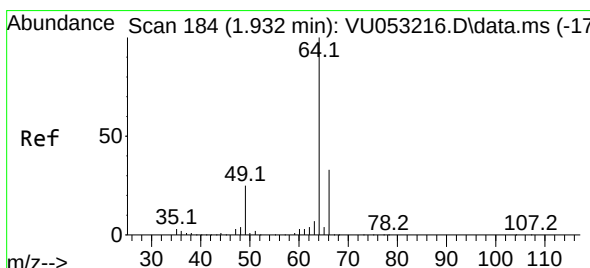
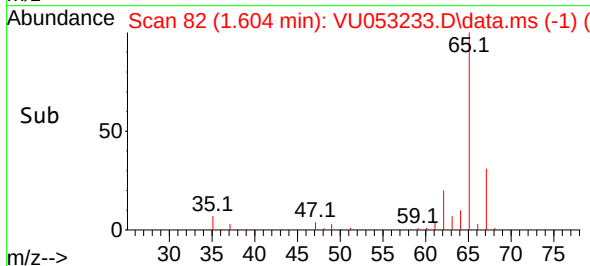
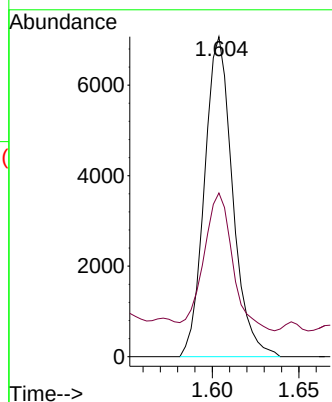
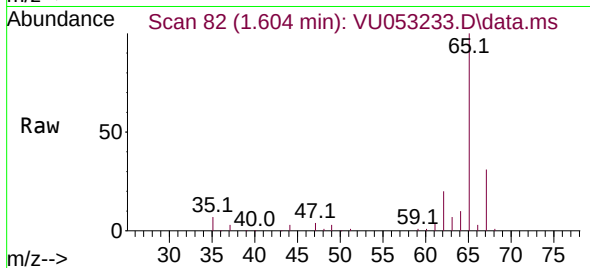
EYFG6

Tgt Ion: 62 Resp: 7984

Ion Ratio Lower Upper

62 100

64 51.2 23.2 43.0#



#8

Chloroethane

Concen: 3.795 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.328 min

Lab File: VU053233.D

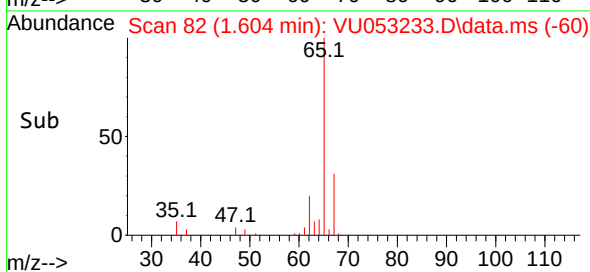
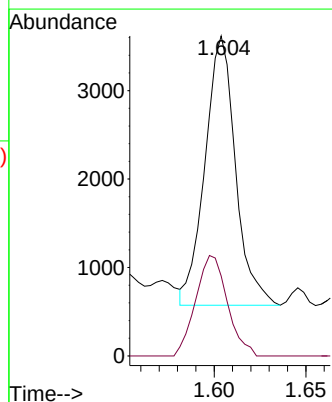
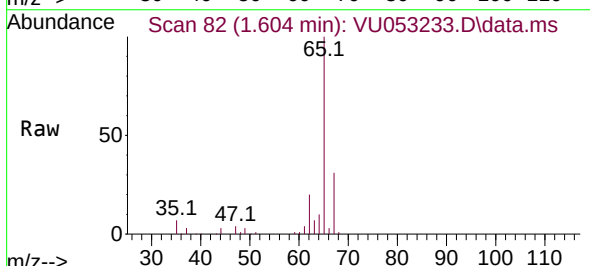
Acq: 16 Mar 2023 17:52

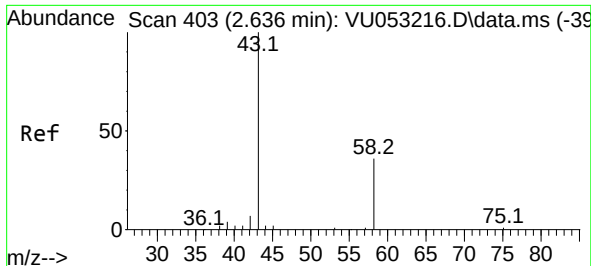
Tgt Ion: 64 Resp: 3523

Ion Ratio Lower Upper

64 100

66 25.0 22.6 42.0





#13

Acetone

Concen: 3.593 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU053233.D

Acq: 16 Mar 2023 17:52

Instrument :

MSVOA_U

ClientSampleId :

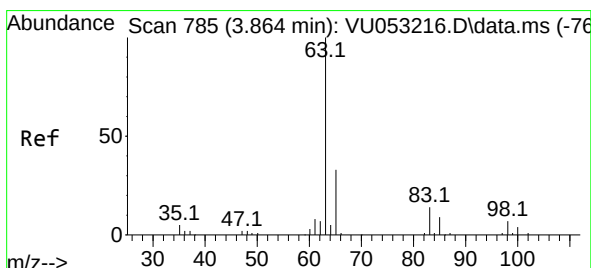
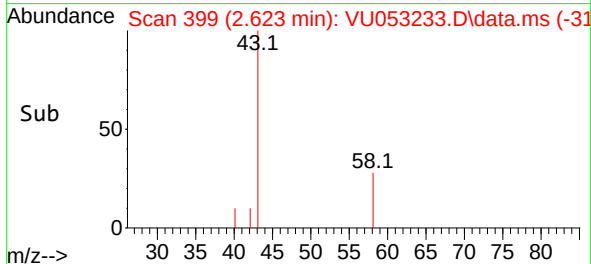
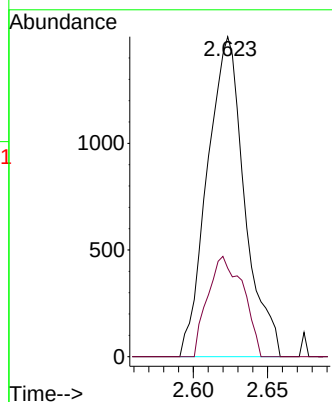
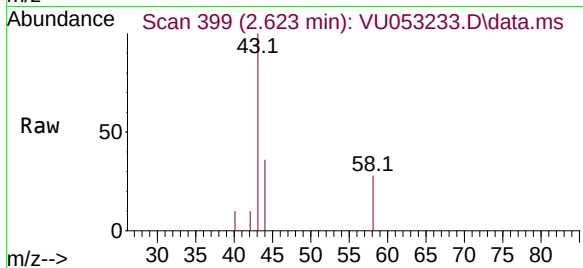
EYFG6

Tgt Ion: 43 Resp: 2615

Ion Ratio Lower Upper

43 100

58 20.2 0.0 75.0



#19

1,1-Dichloroethane

Concen: 1.712 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053233.D

Acq: 16 Mar 2023 17:52

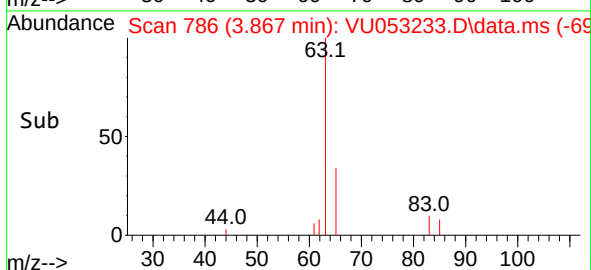
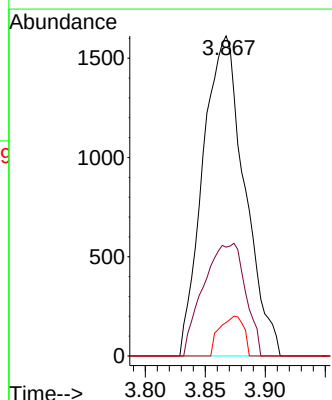
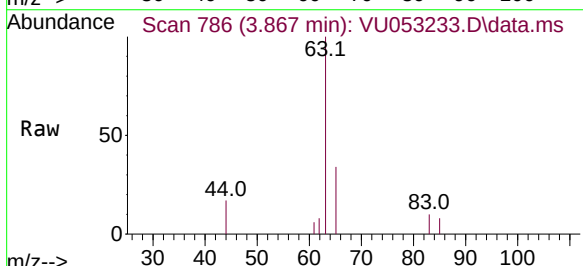
Tgt Ion: 63 Resp: 3890

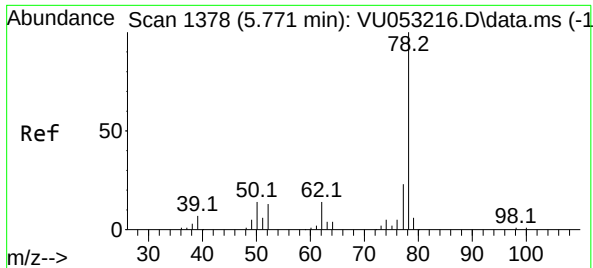
Ion Ratio Lower Upper

63 100

65 34.0 22.8 42.4

83 10.5 9.4 17.6

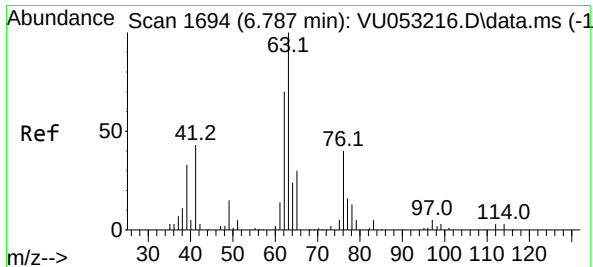
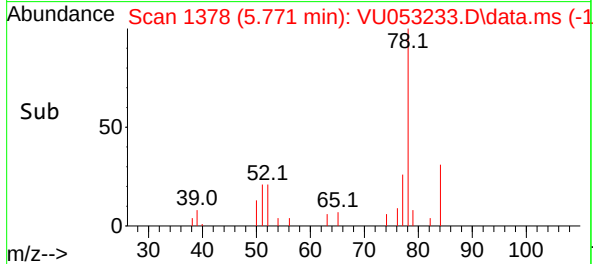
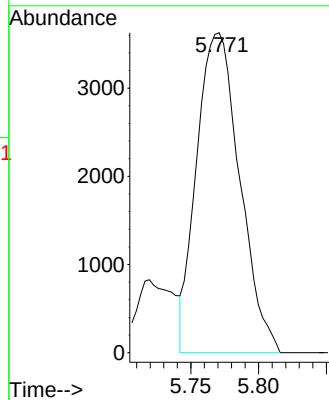
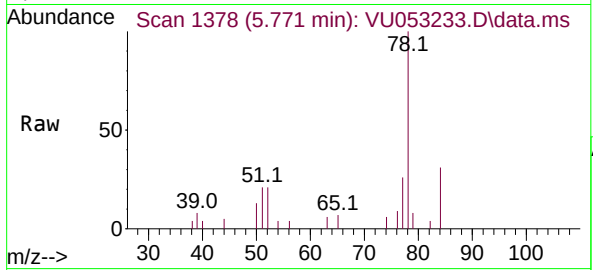




#33
Benzene
Concen: 1.645 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053233.D
Acq: 16 Mar 2023 17:52

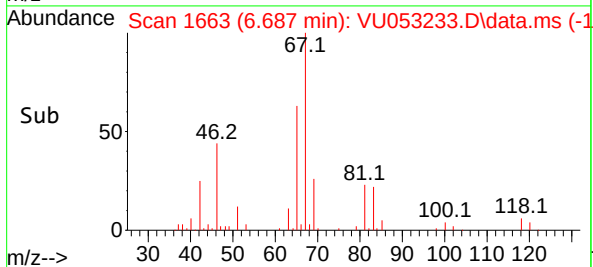
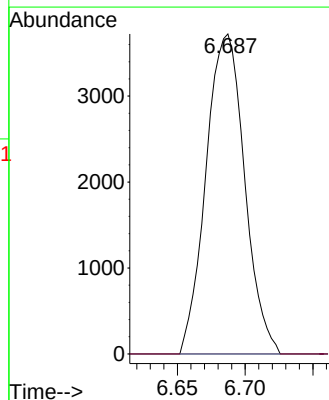
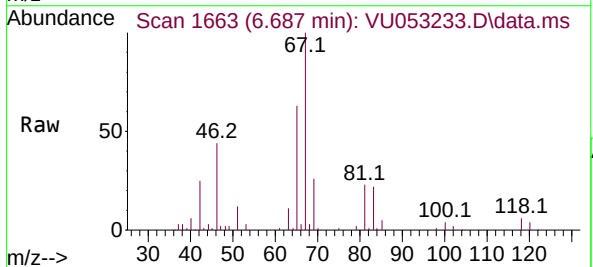
Instrument :
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ClientSampleId :
EYFG6

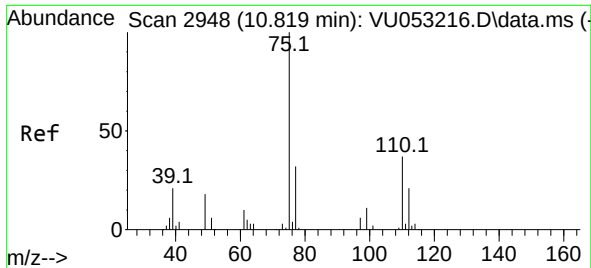
Tgt Ion: 78 Resp: 8007



#37
1,2-Dichloropropane
Concen: 5.434 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053233.D
Acq: 16 Mar 2023 17:52

Tgt Ion: 63 Resp: 7381
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.309 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053233.D
 Acq: 16 Mar 2023 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG6

Tgt Ion: 75 Resp: 10013
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.6 40.0
 110 2.0 28.6 42.8#

