

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053229.D
 Acq On : 16 Mar 2023 16:19
 Operator : JC/MD
 Sample : 01930-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF3

Quant Time: Mar 17 02:42:50 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)

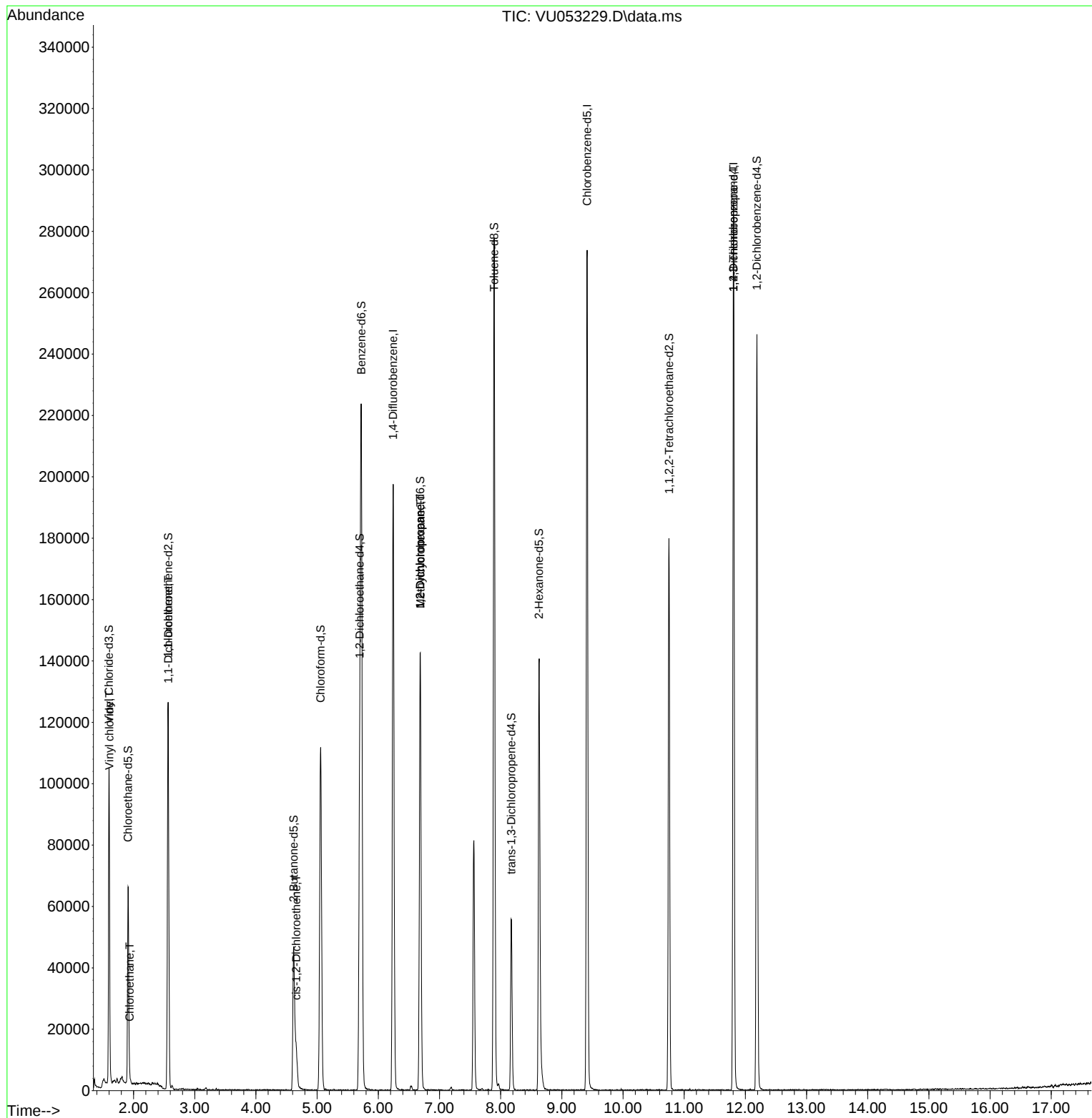
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	155504	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	69701	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55307	38.552	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.100%	
7) Chloroethane-d5	1.909	69	46550	40.115	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	80.220%	
11) 1,1-Dichloroethene-d2	2.565	63	75116	30.225	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.460%	
21) 2-Butanone-d5	4.616	46	66349	99.716	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	99.720%	
24) Chloroform-d	5.057	84	101085	42.780	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.560%	
26) 1,2-Dichloroethane-d4	5.697	65	66361	45.222	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.440%	
32) Benzene-d6	5.723	84	208749	44.515	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.040%	
36) 1,2-Dichloropropane-d6	6.684	67	68859	45.497	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.000%	
41) Toluene-d8	7.893	98	184752	42.316	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.640%	
43) trans-1,3-Dichloroprop...	8.173	79	32217	43.144	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.280%	
47) 2-Hexanone-d5	8.626	63	50782	107.324	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.320%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88630	45.206	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.420%	
66) 1,2-Dichlorobenzene-d4	12.189	152	58966	43.691	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.380%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	23108	14.124	ug/L	95
8) Chloroethane	1.935	64	910	0.942	ug/L #	78
12) 1,1-Dichloroethene	2.568	96	712	0.623	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	4370	3.211	ug/L	98
35) Methylcyclohexane	6.687	83	15468	6.752	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	7556	5.403	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	10126	7.311	ug/L #	69

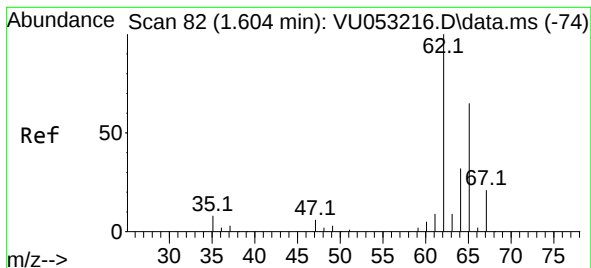
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.124 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053229.D

Acq: 16 Mar 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

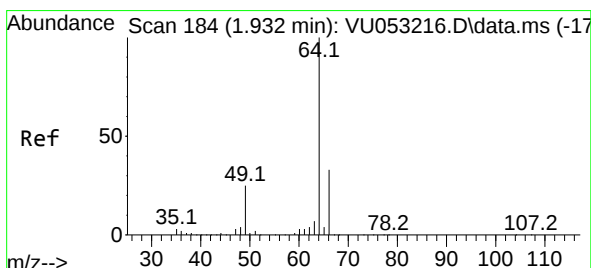
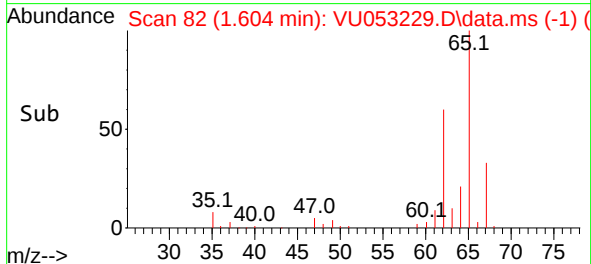
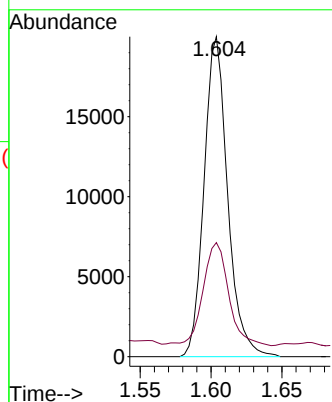
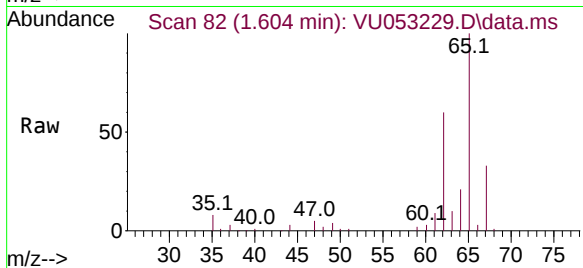
EYFF3

Tgt Ion: 62 Resp: 23108

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#8

Chloroethane

Concen: 0.942 ug/L

RT: 1.935 min Scan# 185

Delta R.T. 0.003 min

Lab File: VU053229.D

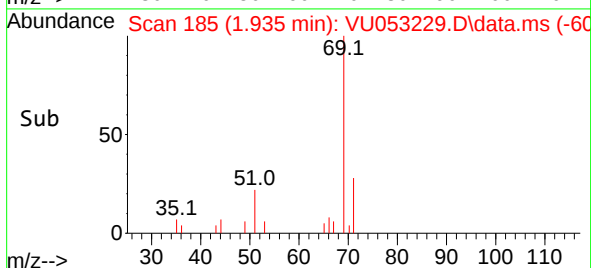
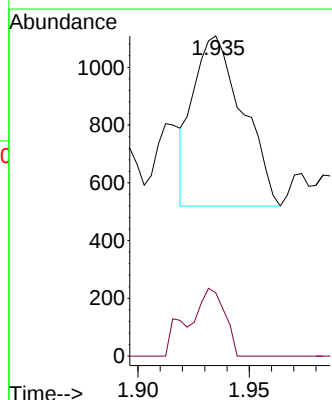
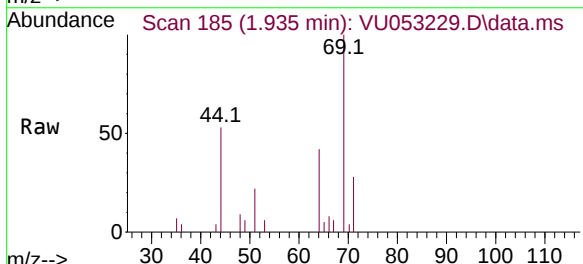
Acq: 16 Mar 2023 16:19

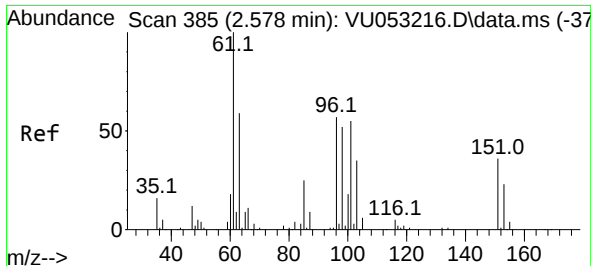
Tgt Ion: 64 Resp: 910

Ion Ratio Lower Upper

64 100

66 19.7 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU053229.D

Acq: 16 Mar 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

EYFF3

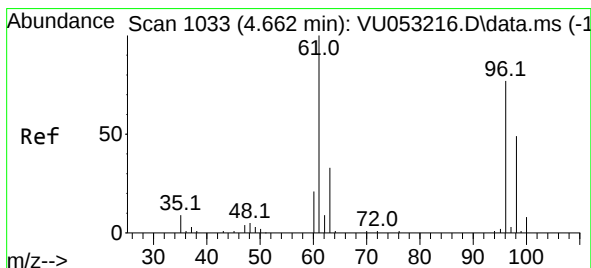
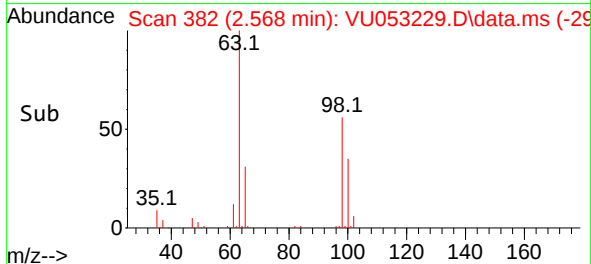
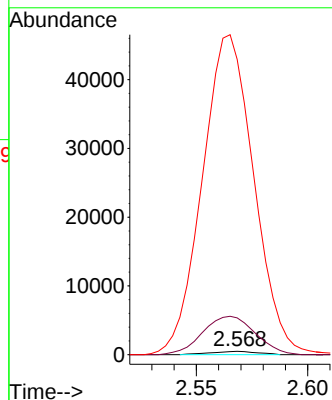
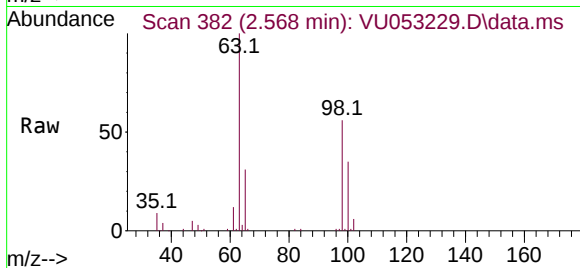
Tgt Ion: 96 Resp: 712

Ion Ratio Lower Upper

96 100

61 1066.9 122.2 226.9#

63 8574.9 89.9 166.9#



#20

cis-1,2-Dichloroethene

Concen: 3.211 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053229.D

Acq: 16 Mar 2023 16:19

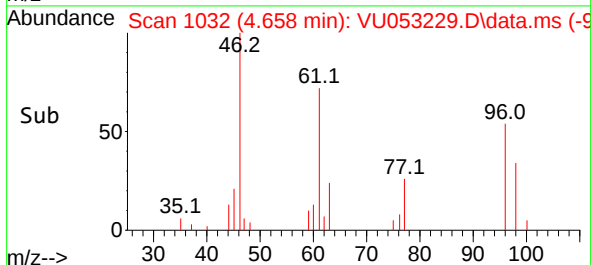
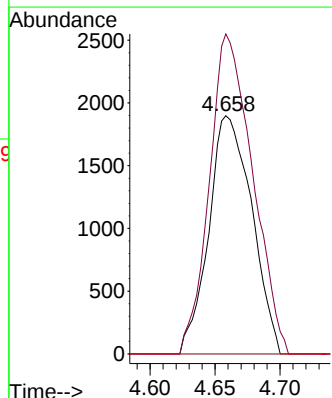
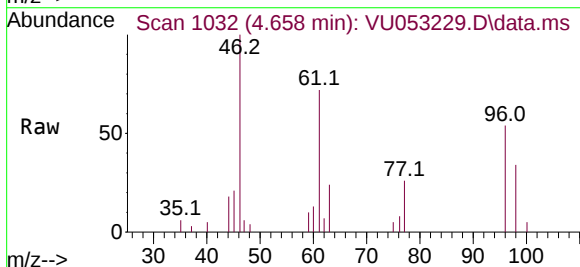
Tgt Ion: 96 Resp: 4370

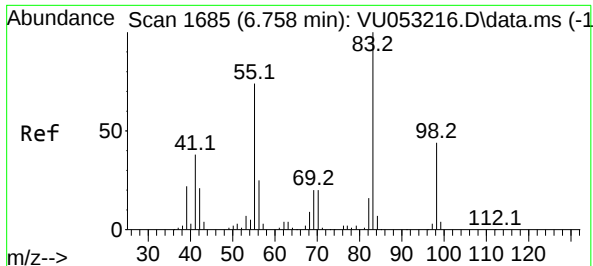
Ion Ratio Lower Upper

96 100

61 134.3 92.5 171.7

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 6.752 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053229.D

Acq: 16 Mar 2023 16:19

Instrument :

MSVOA_U

ClientSampleId :

EYFF3

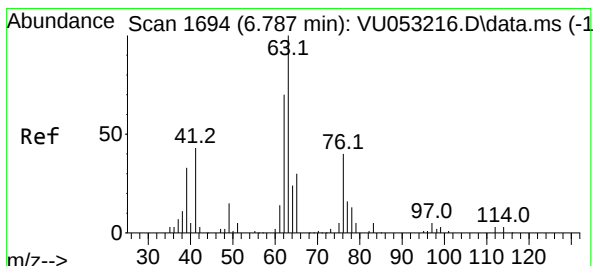
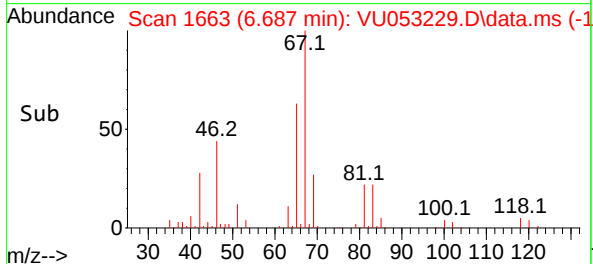
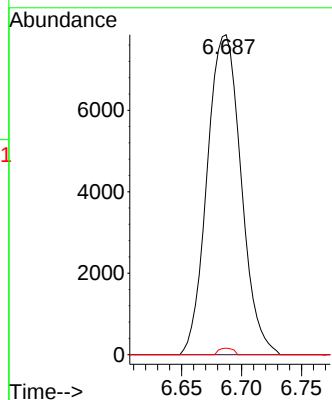
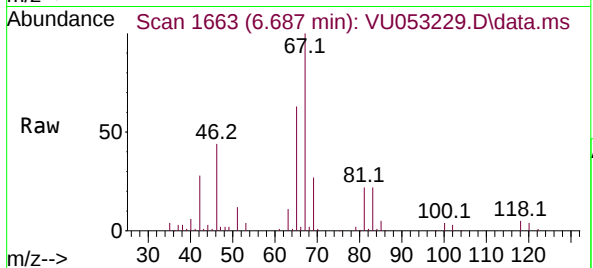
Tgt Ion: 83 Resp: 15468

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.9 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.403 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053229.D

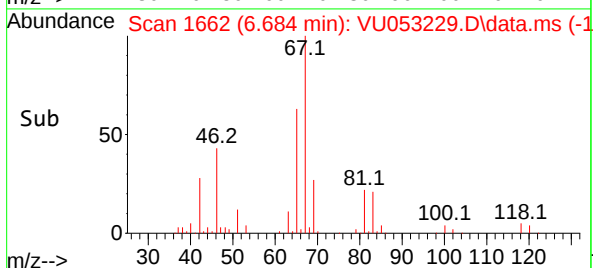
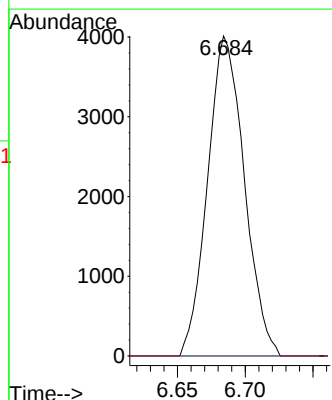
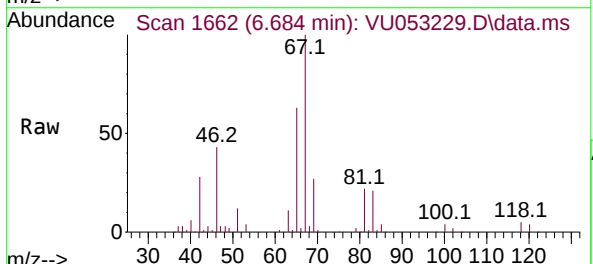
Acq: 16 Mar 2023 16:19

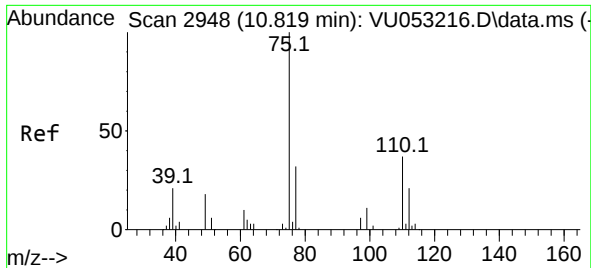
Tgt Ion: 63 Resp: 7556

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.311 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053229.D
 Acq: 16 Mar 2023 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF3

Tgt Ion: 75 Resp: 10126
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 40.0
 110 1.3 28.6 42.8#

