

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053232.D
 Acq On : 16 Mar 2023 17:29
 Operator : JC/MD
 Sample : 01930-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

Quant Time: Mar 17 02:43:26 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)

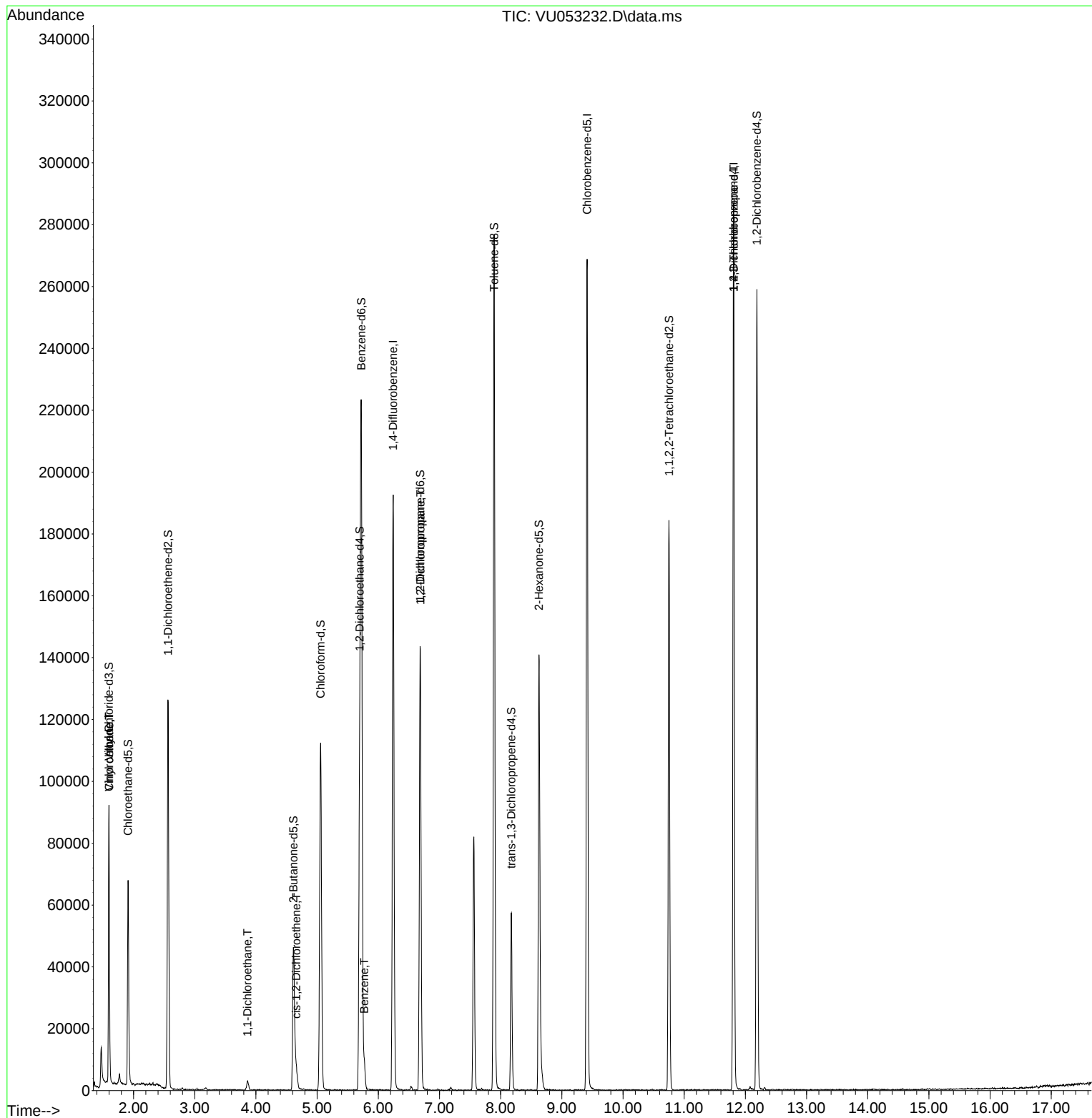
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	152851	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56497	40.065	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.120%	
7) Chloroethane-d5	1.909	69	47150	41.337	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.680%	
11) 1,1-Dichloroethene-d2	2.562	63	75000	30.702	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.400%	
21) 2-Butanone-d5	4.613	46	68196	104.271	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.270%	
24) Chloroform-d	5.057	84	100799	43.400	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.697	65	66757	46.281	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.560%	
32) Benzene-d6	5.723	84	212323	45.642	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.280%	
36) 1,2-Dichloropropane-d6	6.684	67	70324	46.840	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.680%	
41) Toluene-d8	7.893	98	186718	43.112	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.220%	
43) trans-1,3-Dichloroprop...	8.173	79	31740	42.848	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.700%	
47) 2-Hexanone-d5	8.626	63	50855	108.344	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.340%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93223	47.932	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.860%	
66) 1,2-Dichlorobenzene-d4	12.188	152	60278	44.305	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	7802	4.851	ug/L #	71
8) Chloroethane	1.601	64	3389	3.568	ug/L	98
19) 1,1-Dichloroethane	3.861	63	3916	1.684	ug/L	95
20) cis-1,2-Dichloroethene	4.658	96	2372	1.773	ug/L	87
33) Benzene	5.771	78	8496	1.709	ug/L	100
37) 1,2-Dichloropropane	6.687	63	7563	5.452	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	10476	7.503	ug/L #	68

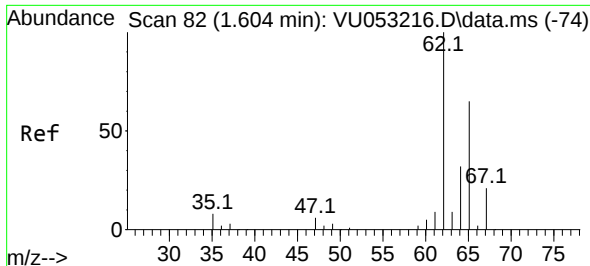
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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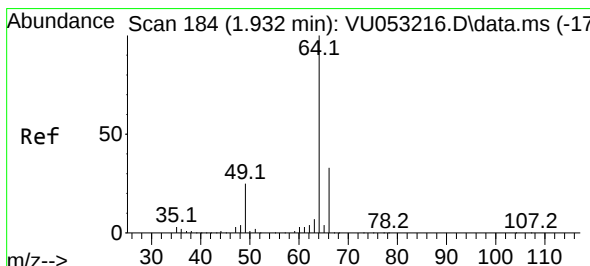
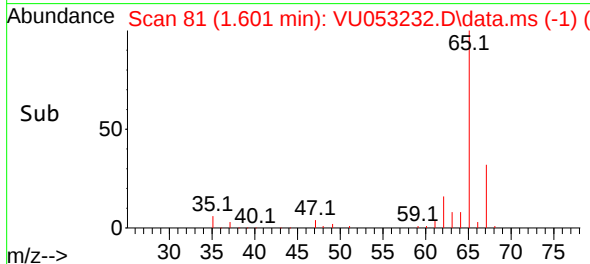
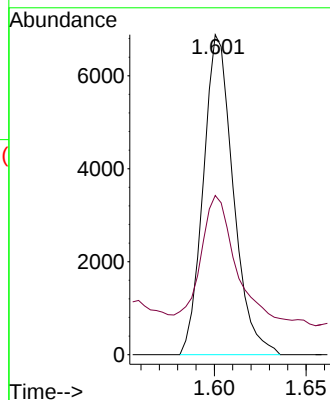
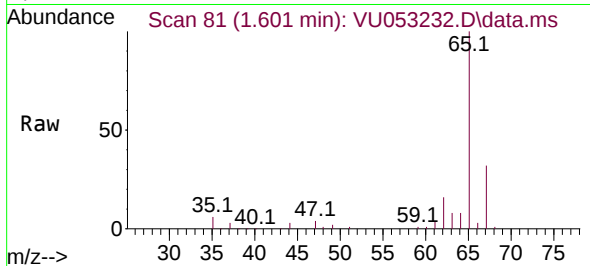




#5
 Vinyl chloride
 Concen: 4.851 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053232.D
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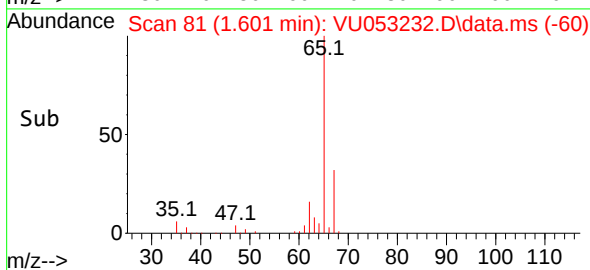
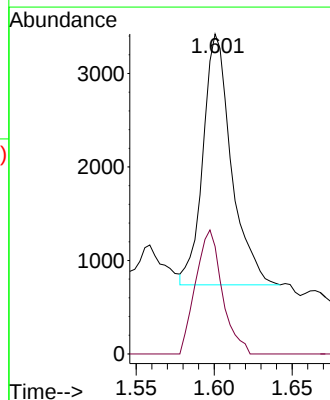
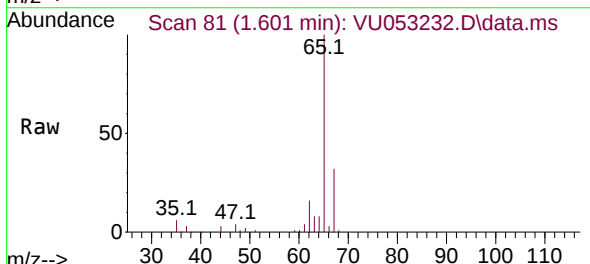
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

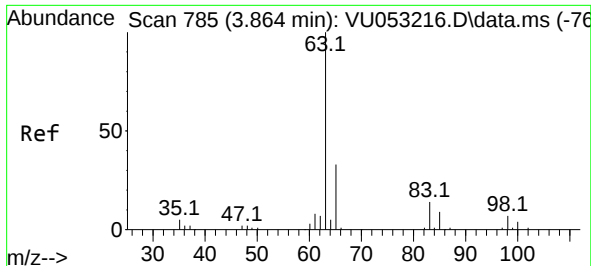
Tgt Ion: 62 Resp: 7802
 Ion Ratio Lower Upper
 62 100
 64 49.7 23.2 43.0#



#8
 Chloroethane
 Concen: 3.568 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.331 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

Tgt Ion: 64 Resp: 3389
 Ion Ratio Lower Upper
 64 100
 66 33.6 22.6 42.0





#19

1,1-Dichloroethane

Concen: 1.684 ug/L

RT: 3.861 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU053232.D

Acq: 16 Mar 2023 17:29

Instrument :

MSVOA_U

ClientSampleId :

EYFG5

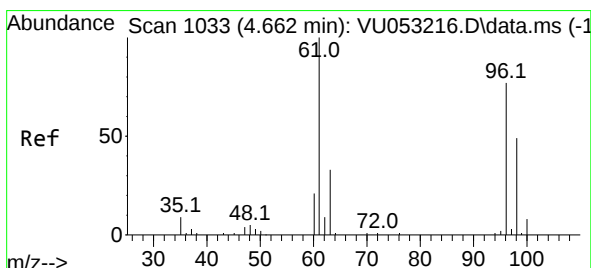
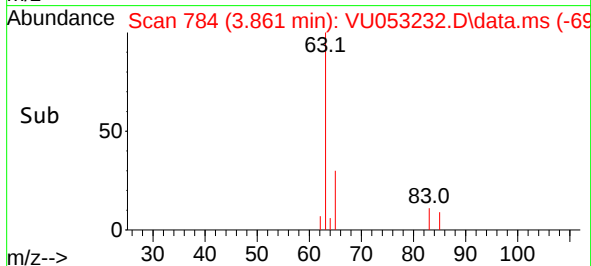
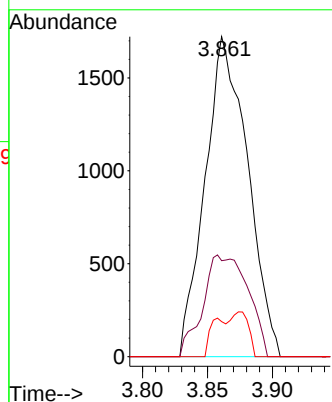
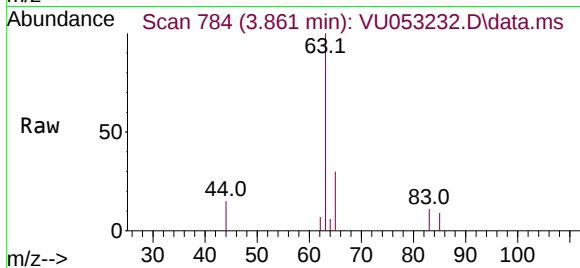
Tgt Ion: 63 Resp: 3916

Ion Ratio Lower Upper

63 100

65 30.0 22.8 42.4

83 10.9 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 1.773 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053232.D

Acq: 16 Mar 2023 17:29

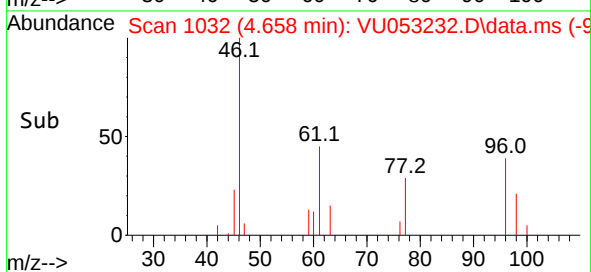
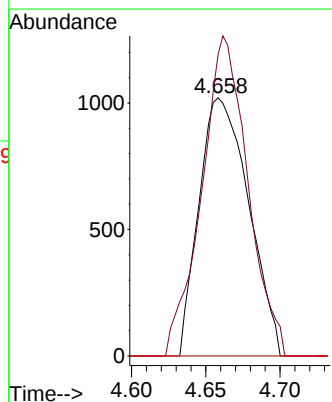
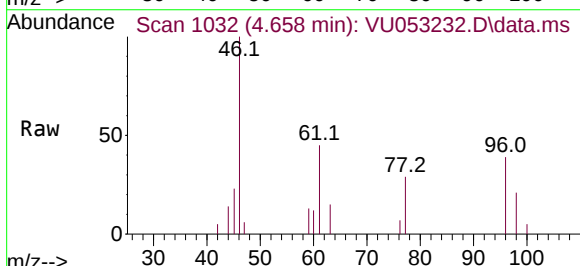
Tgt Ion: 96 Resp: 2372

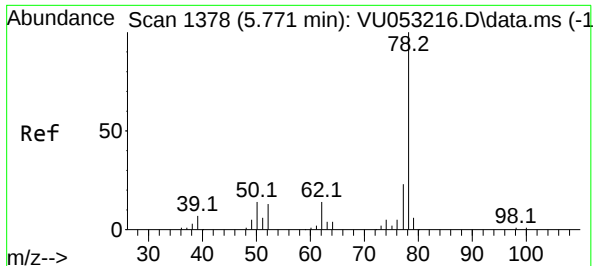
Ion Ratio Lower Upper

96 100

61 116.7 92.5 171.7

68 0.0 0.0 0.0

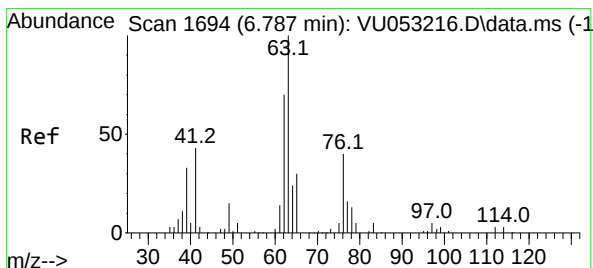
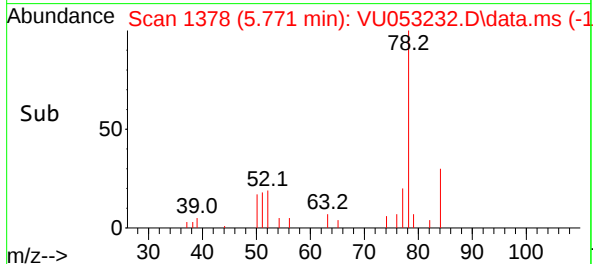
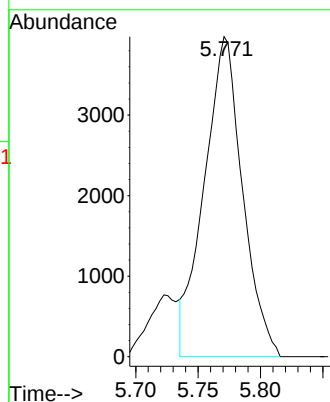
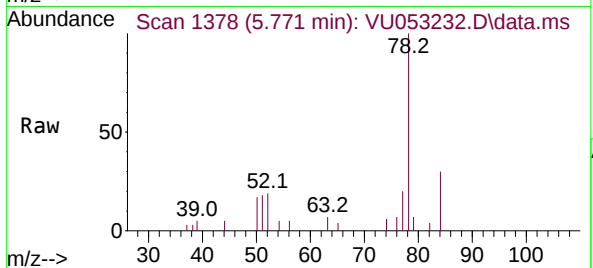




#33
Benzene
Concen: 1.709 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053232.D
Acq: 16 Mar 2023 17:29

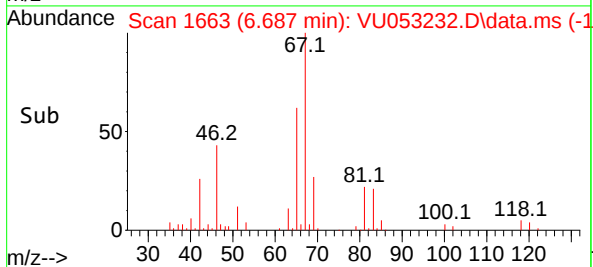
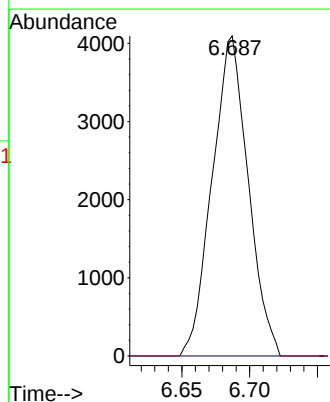
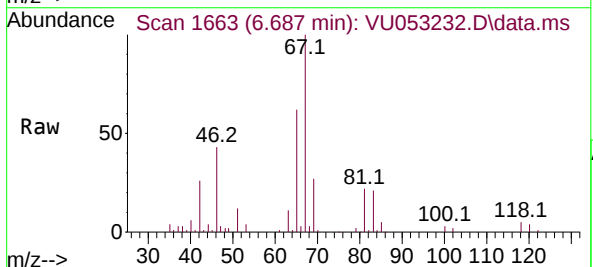
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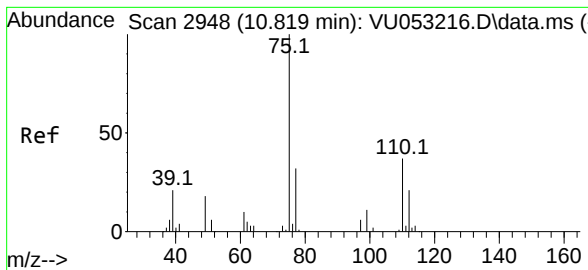
Tgt Ion: 78 Resp: 8496



#37
1,2-Dichloropropane
Concen: 5.452 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053232.D
Acq: 16 Mar 2023 17:29

Tgt Ion: 63 Resp: 7563
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.503 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053232.D
 Acq: 16 Mar 2023 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG5

Tgt Ion:	75	Resp:	10476
Ion Ratio	Lower	Upper	
75	100		
77	32.1	26.6	40.0
110	1.1	28.6	42.8#

