

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053258.D
 Acq On : 17 Mar 2023 11:41
 Operator : JC/MD
 Sample : 01929-16DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

Quant Time: Mar 18 01:50:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

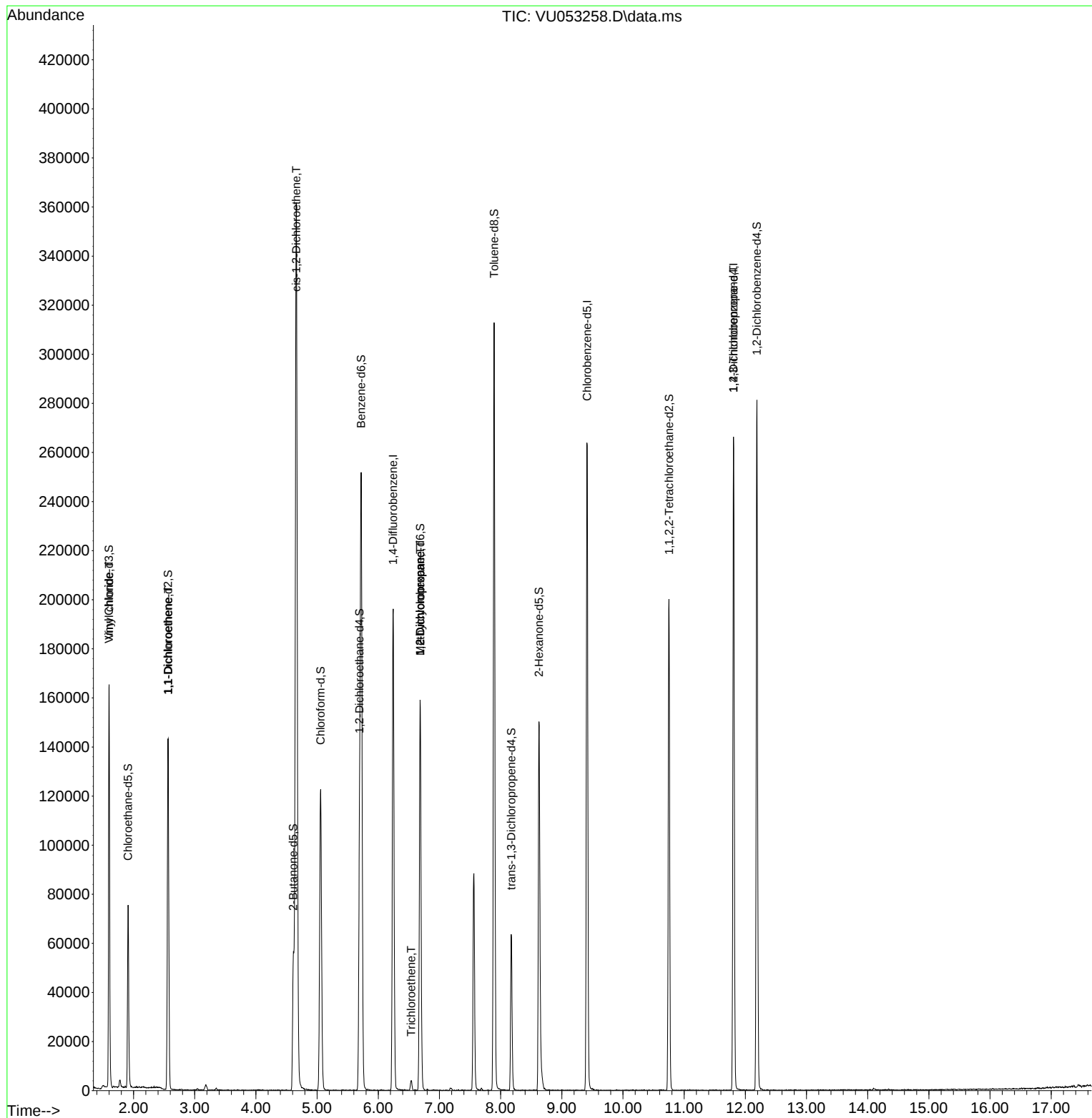
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	153916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141431	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63766	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	64585	45.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.909	69	54026	47.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.080%
11) 1,1-Dichloroethene-d2	2.562	63	86538	35.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.360%
21) 2-Butanone-d5	4.610	46	74049	112.437	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	5.057	84	108373	46.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	5.694	65	72344	49.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.620%
32) Benzene-d6	5.720	84	234886	51.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.684	67	76348	51.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.140%
41) Toluene-d8	7.893	98	208865	48.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.173	79	35463	48.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.100%
47) 2-Hexanone-d5	8.626	63	53077	114.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.670%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	99678	51.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	12.189	152	66494	53.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	57735	35.652	ug/L	100
12) 1,1-Dichloroethene	2.565	96	767	0.679	ug/L #	1
20) cis-1,2-Dichloroethene	4.659	96	180703	134.144	ug/L	97
34) Trichloroethene	6.536	95	1413	1.105	ug/L	96
35) Methylcyclohexane	6.684	83	17039	7.603	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	7885	5.764	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	8985	7.091	ug/L #	65

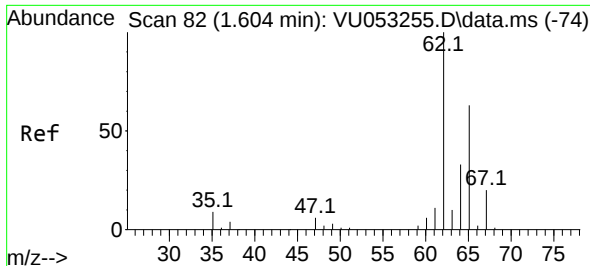
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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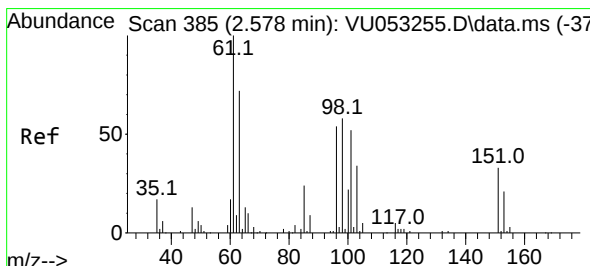
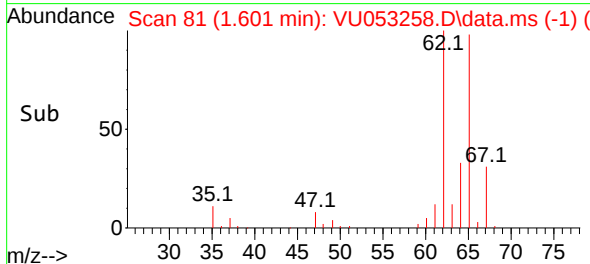
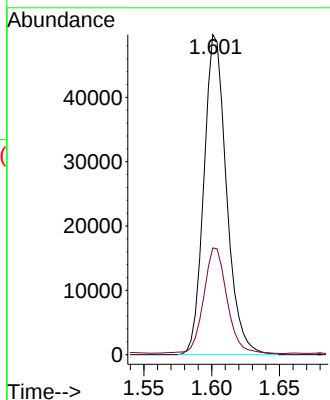
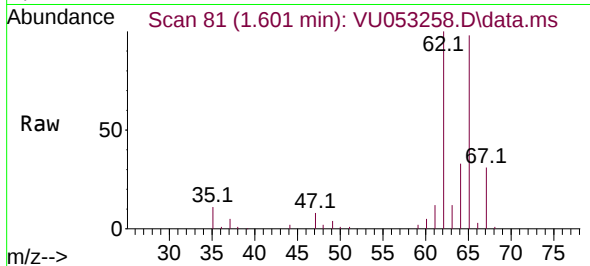




#5
 Vinyl chloride
 Concen: 35.652 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053258.D
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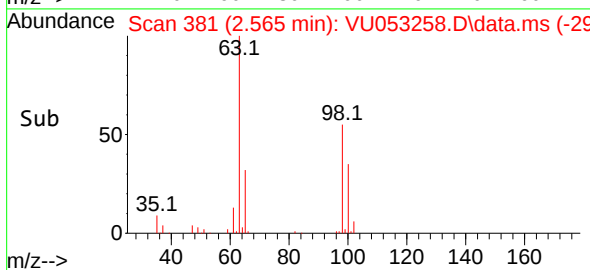
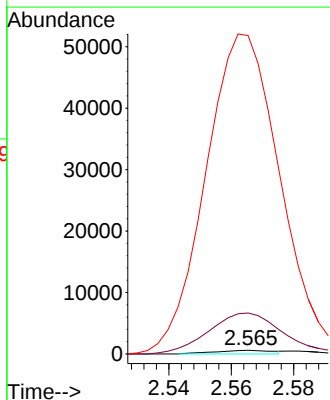
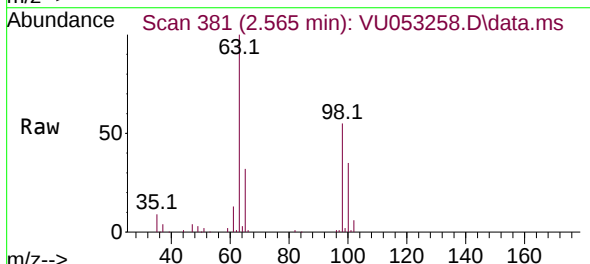
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

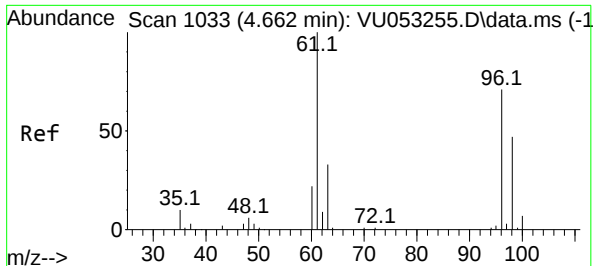
Tgt Ion: 62 Resp: 57735
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 0.679 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU053258.D
 Acq: 17 Mar 2023 11:41

Tgt Ion: 96 Resp: 767
 Ion Ratio Lower Upper
 96 100
 61 1134.0 122.2 226.9#
 63 8813.6 89.9 166.9#

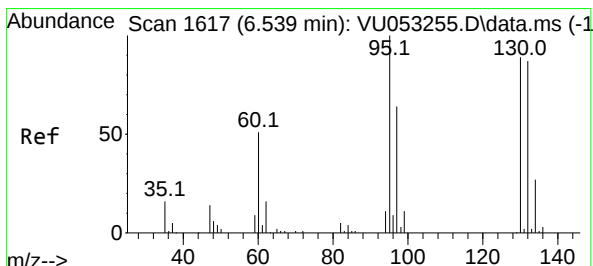
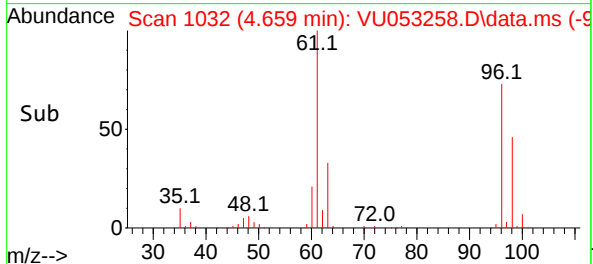
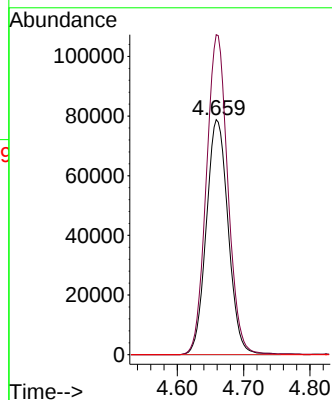
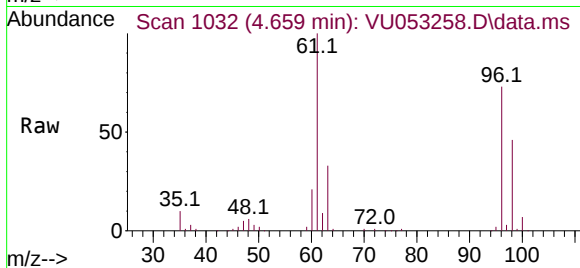




#20
cis-1,2-Dichloroethene
Concen: 134.144 ug/L
RT: 4.659 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053258.D
Acq: 17 Mar 2023 11:41

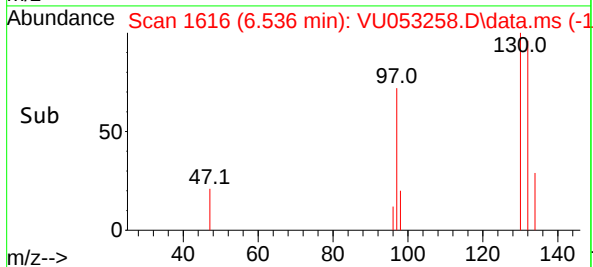
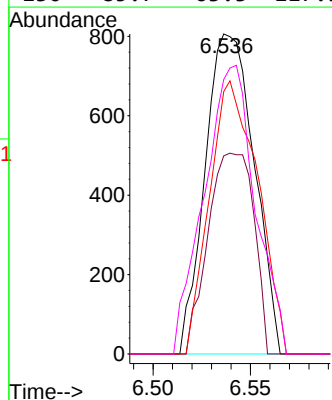
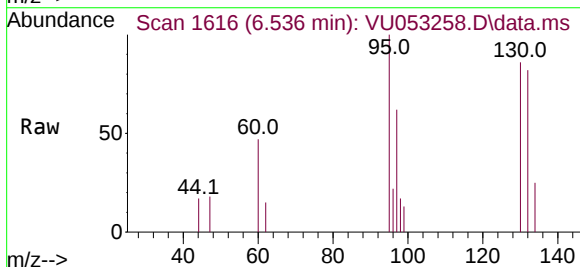
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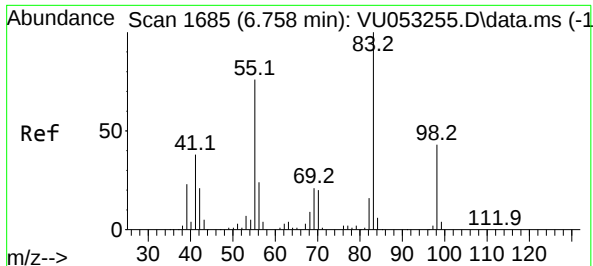
Tgt Ion: 96 Resp: 180703
Ion Ratio Lower Upper
96 100
61 136.2 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.105 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053258.D
Acq: 17 Mar 2023 11:41

Tgt Ion: 95 Resp: 1413
Ion Ratio Lower Upper
95 100
97 61.9 43.8 81.3
132 82.0 61.5 114.3
130 85.7 63.3 117.5

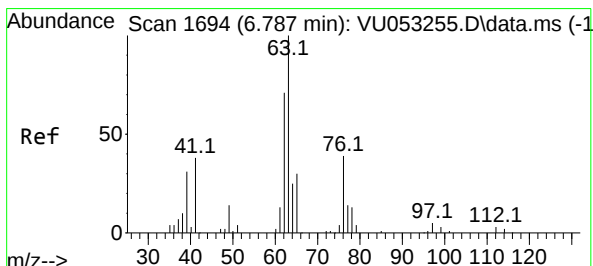
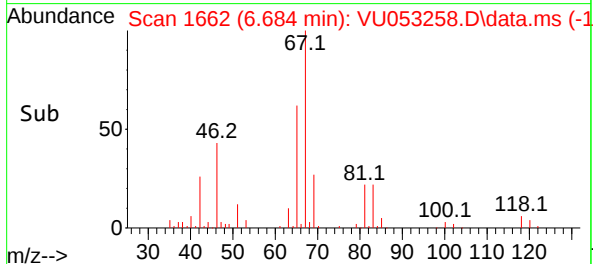
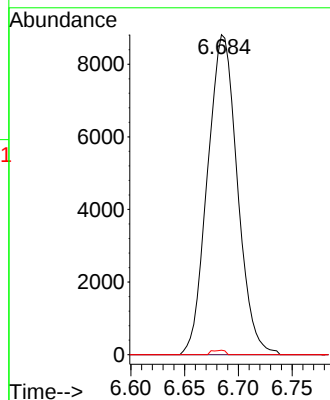
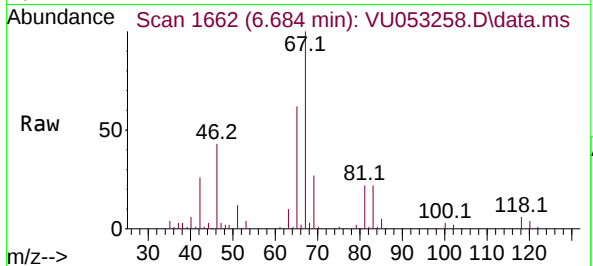




#35
Methylcyclohexane
Concen: 7.603 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053258.D
Acq: 17 Mar 2023 11:41

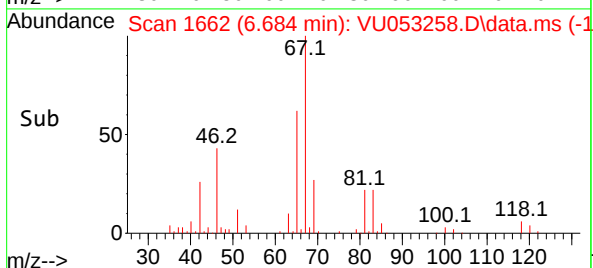
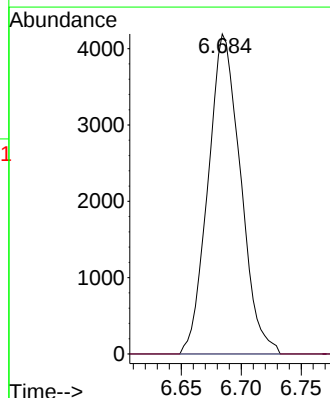
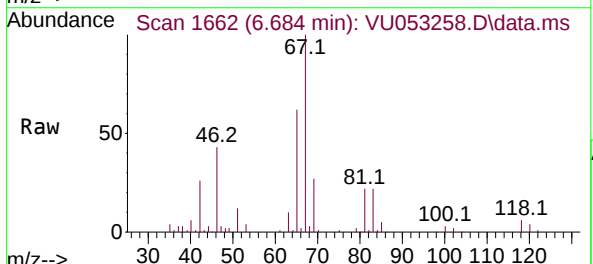
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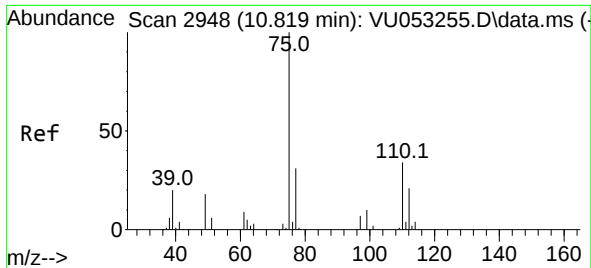
Tgt Ion: 83 Resp: 17039
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.4 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 5.764 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053258.D
Acq: 17 Mar 2023 11:41

Tgt Ion: 63 Resp: 7885
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.091 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053258.D
 Acq: 17 Mar 2023 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

Tgt Ion: 75 Resp: 8985
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.6 40.0
 110 1.7 28.6 42.8#

