

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053352.D
 Acq On : 22 Mar 2023 15:10
 Operator : JC/MD
 Sample : 01961-18DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1DL

Quant Time: Mar 23 02:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

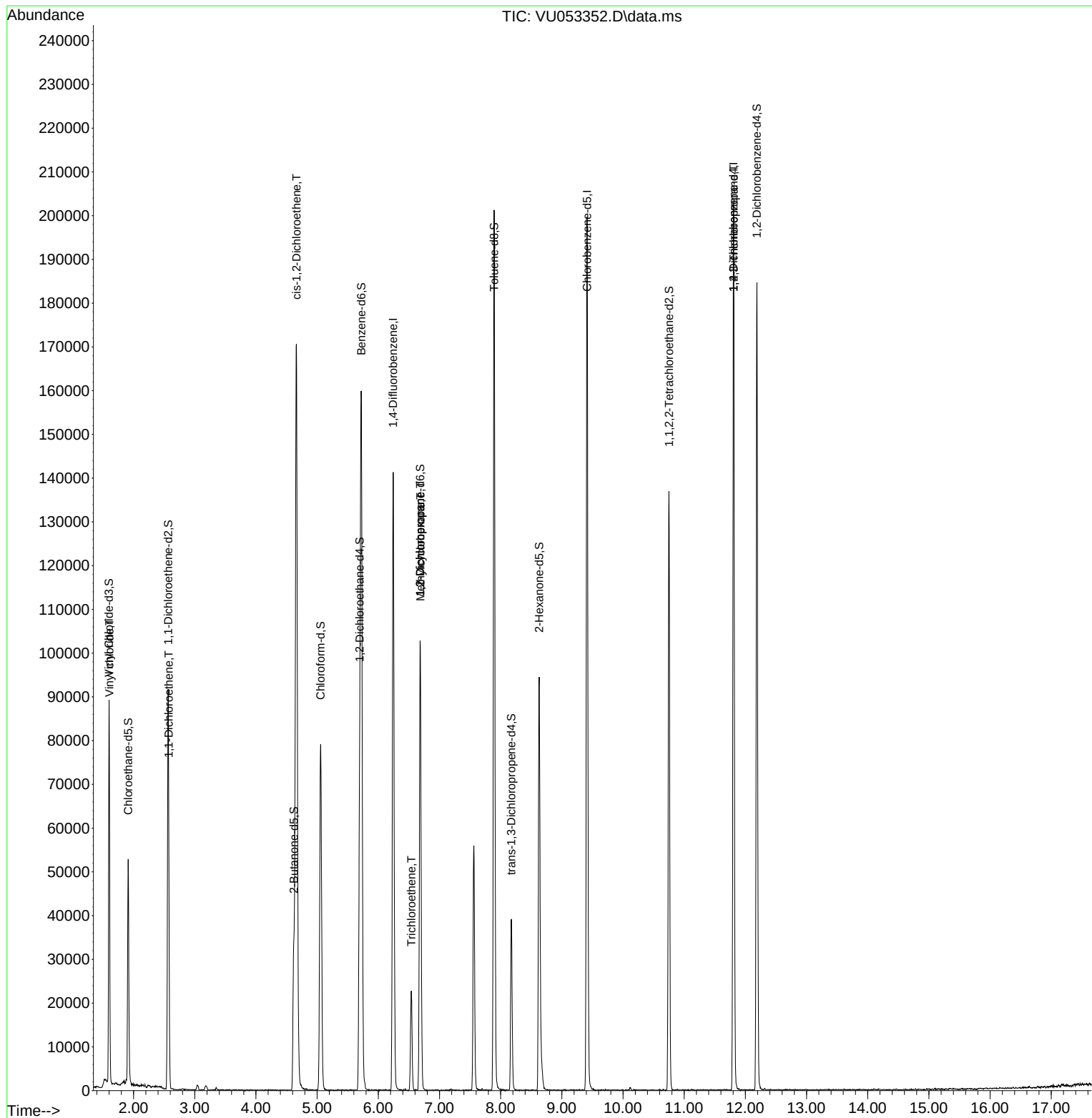
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	109351	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	103483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	48473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39331	38.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.980%
7) Chloroethane-d5	1.913	69	37237	45.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.260%
11) 1,1-Dichloroethene-d2	2.565	63	53443	30.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.160%
21) 2-Butanone-d5	4.620	46	48845	104.393	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.390%
24) Chloroform-d	5.057	84	68906	41.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.940%
26) 1,2-Dichloroethane-d4	5.697	65	47358	45.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
32) Benzene-d6	5.723	84	145265	43.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	6.684	67	48898	45.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	7.893	98	132215	42.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
43) trans-1,3-Dichloroprop...	8.173	79	22598	42.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
47) 2-Hexanone-d5	8.629	63	33261	98.208	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.210%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65559	46.717	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	12.189	152	43575	46.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.860%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	23297	20.249	ug/L	91
12) 1,1-Dichloroethene	2.575	96	1754	2.184	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	80051	83.644	ug/L	92
34) Trichloroethene	6.539	95	7973	8.523	ug/L	96
35) Methylcyclohexane	6.687	83	10228	6.238	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	5432	5.427	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	7720	8.015	ug/L #	68

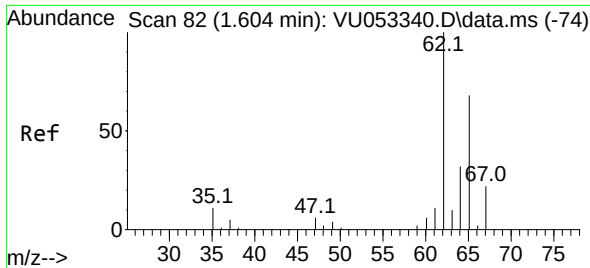
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Mar 23 02:41:20 2023
Response via : Initial Calibration

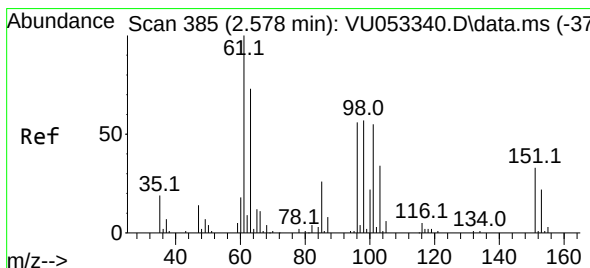
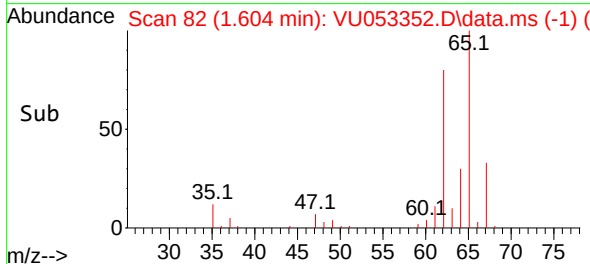
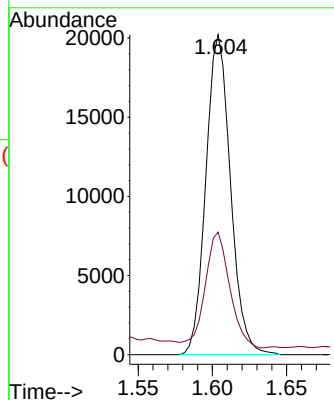
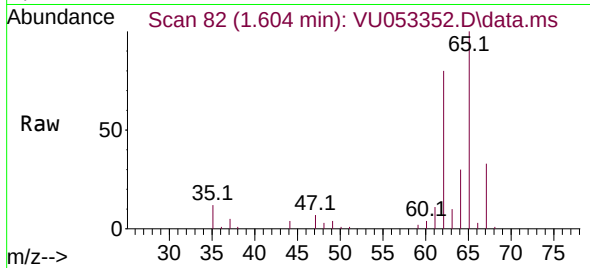




#5
 Vinyl chloride
 Concen: 20.249 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053352.D
 Acq: 22 Mar 2023 15:10

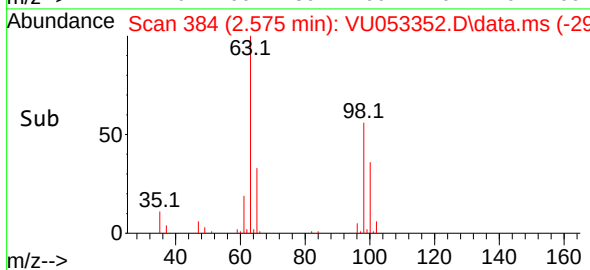
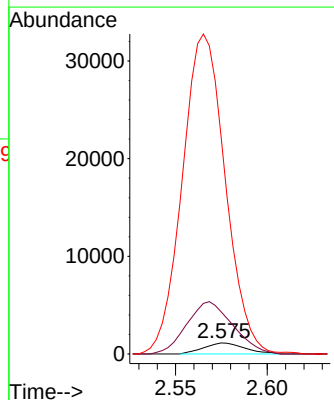
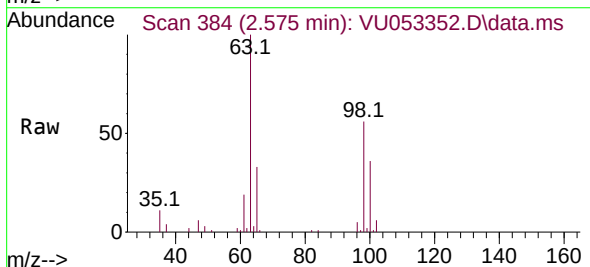
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1DL

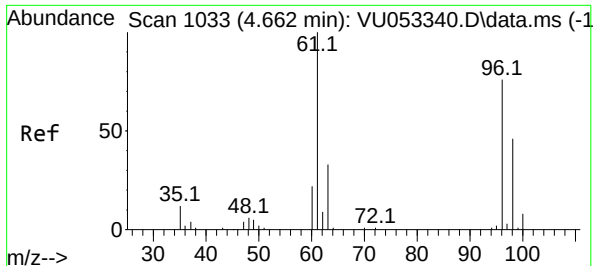
Tgt Ion: 62 Resp: 23297
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 2.184 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053352.D
 Acq: 22 Mar 2023 15:10

Tgt Ion: 96 Resp: 1754
 Ion Ratio Lower Upper
 96 100
 61 383.6 122.2 226.9#
 63 1975.1 89.9 166.9#

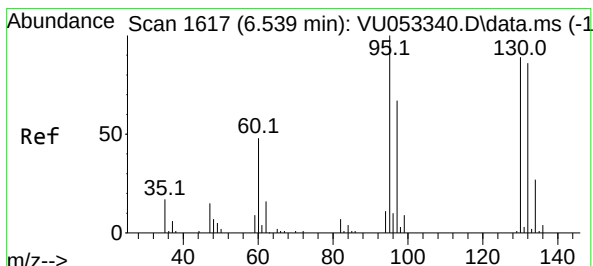
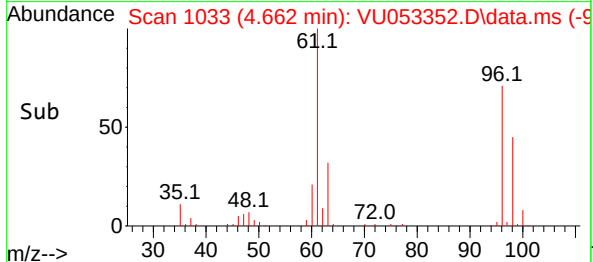
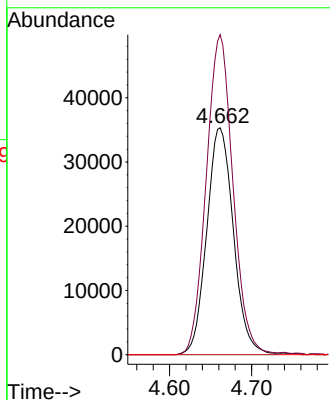
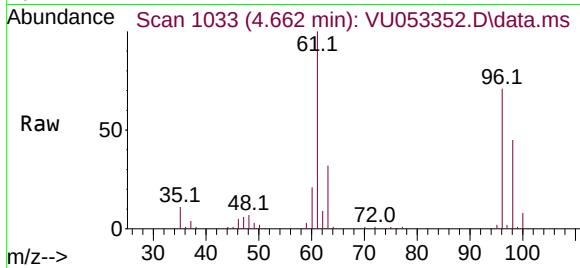




#20
cis-1,2-Dichloroethene
Concen: 83.644 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053352.D
Acq: 22 Mar 2023 15:10

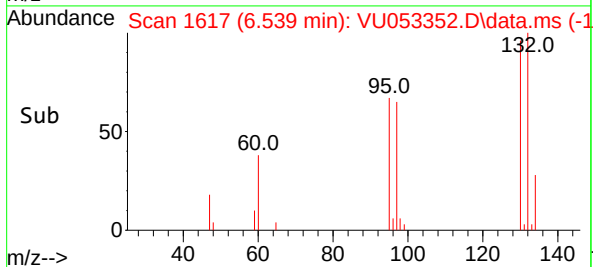
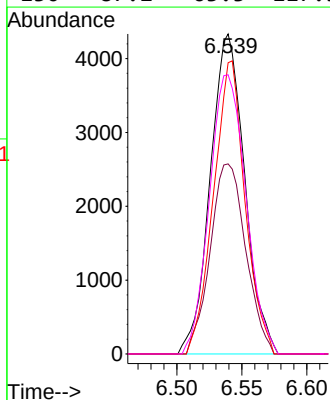
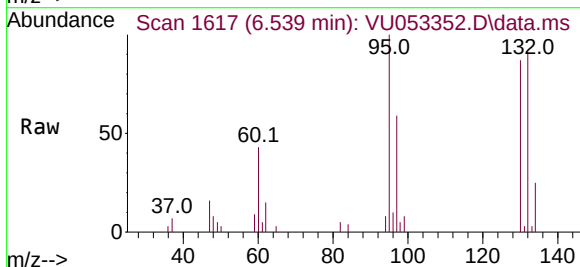
Instrument :
MSVOA_U
ClientSampleId :
EYFE1DL

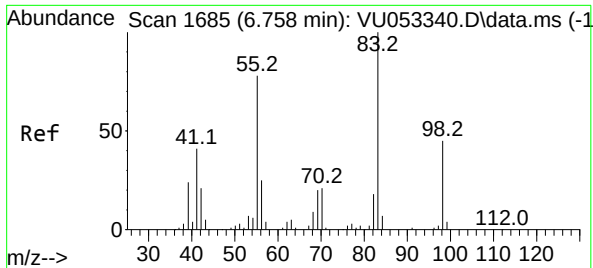
Tgt Ion: 96 Resp: 80051
Ion Ratio Lower Upper
96 100
61 141.1 92.5 171.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 8.523 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053352.D
Acq: 22 Mar 2023 15:10

Tgt Ion: 95 Resp: 7973
Ion Ratio Lower Upper
95 100
97 59.4 43.8 81.3
132 91.0 61.5 114.3
130 87.2 63.3 117.5

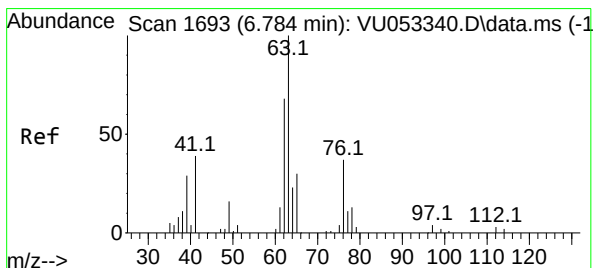
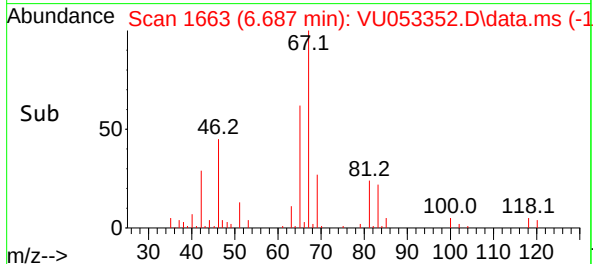
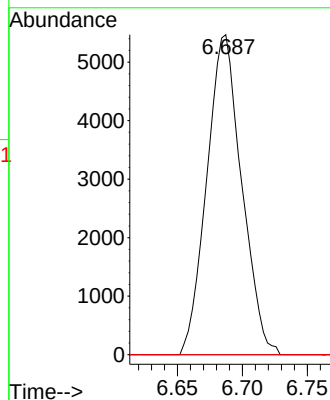
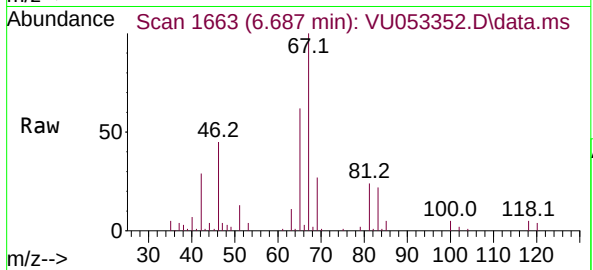




#35
Methylcyclohexane
Concen: 6.238 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053352.D
Acq: 22 Mar 2023 15:10

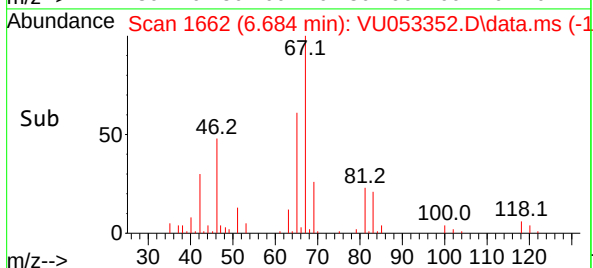
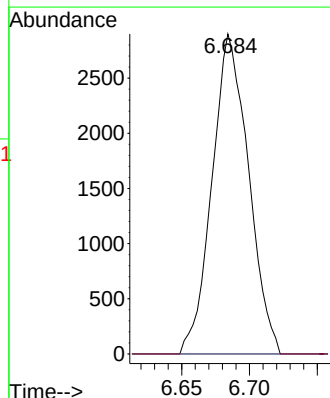
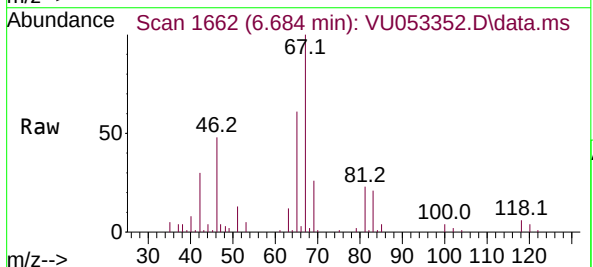
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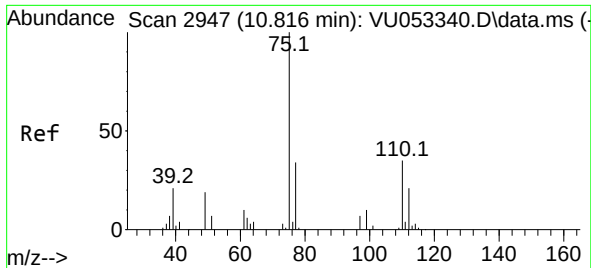
Tgt Ion: 83 Resp: 10228
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 2.1 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 5.427 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053352.D
Acq: 22 Mar 2023 15:10

Tgt Ion: 63 Resp: 5432
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 8.015 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU053352.D
 Acq: 22 Mar 2023 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1DL

Tgt Ion: 75 Resp: 7720
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 40.0
 110 1.3 28.6 42.8#

