

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053331.D
 Acq On : 21 Mar 2023 17:56
 Operator : JC/MD
 Sample : 01961-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1

Quant Time: Mar 22 03:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

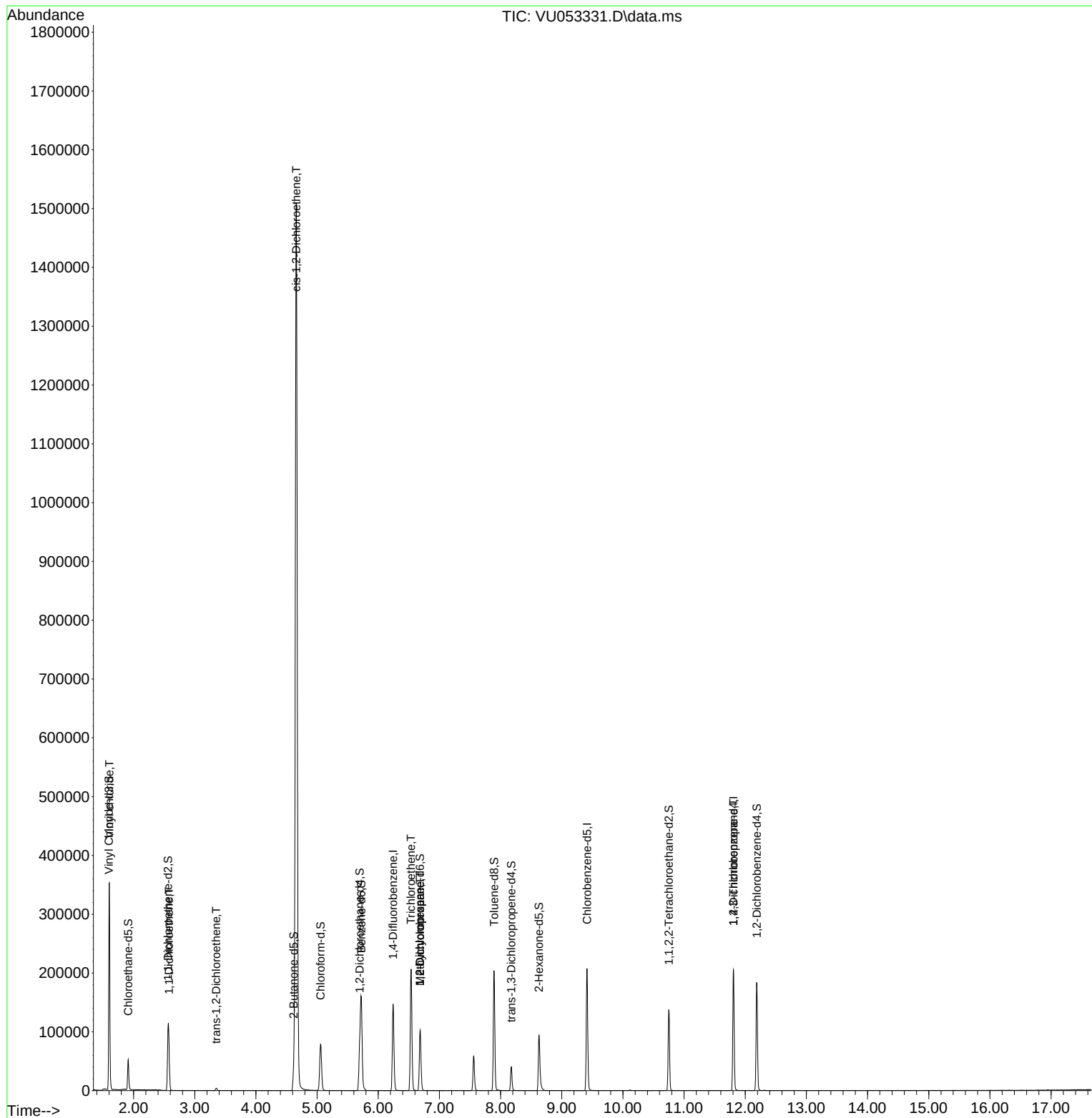
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	114827	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	49032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46350	43.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.500%
7) Chloroethane-d5	1.912	69	36229	42.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.560%
11) 1,1-Dichloroethene-d2	2.565	63	61286	33.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.800%
21) 2-Butanone-d5	4.616	46	49972	101.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.710%
24) Chloroform-d	5.057	84	70357	40.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.640%
26) 1,2-Dichloroethane-d4	5.697	65	48673	44.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
32) Benzene-d6	5.722	84	151487	43.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
36) 1,2-Dichloropropane-d6	6.684	67	49733	43.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.740%
41) Toluene-d8	7.893	98	135985	41.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.160%
43) trans-1,3-Dichloroprop...	8.176	79	23437	41.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.800%
47) 2-Hexanone-d5	8.626	63	32949	92.970	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.970%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66774	45.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.940%
66) 1,2-Dichlorobenzene-d4	12.188	152	43592	45.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
Target Compounds						
5) Vinyl chloride	1.604	62	206000	170.510	ug/L	99
12) 1,1-Dichloroethene	2.578	96	13154	15.599	ug/L #	39
17) trans-1,2-Dichloroethene	3.350	96	1732	2.024	ug/L	92
20) cis-1,2-Dichloroethene	4.661	96	732780	729.153	ug/L	99
34) Trichloroethene	6.536	95	66757	68.196	ug/L	97
35) Methylcyclohexane	6.684	83	10589	6.171	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5242	5.005	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	7955	8.165	ug/L #	69

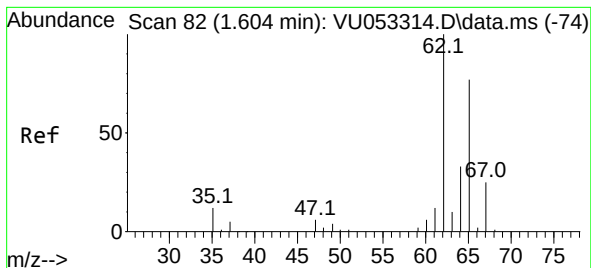
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 22 03:08:43 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 170.510 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

Instrument :

MSVOA_U

ClientSampleId :

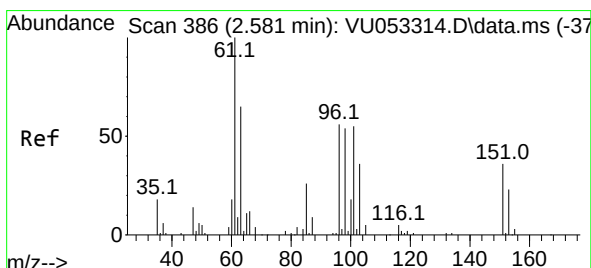
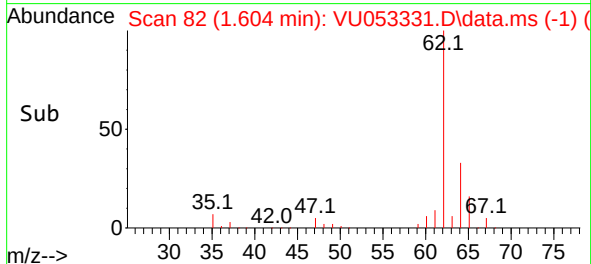
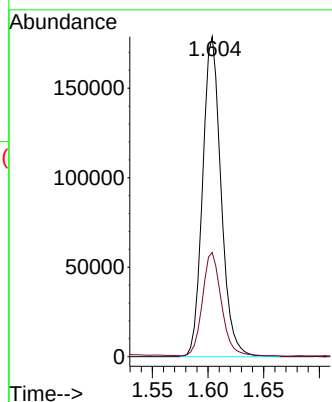
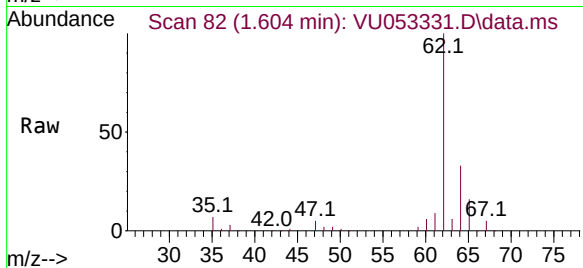
EYFE1

Tgt Ion: 62 Resp: 206000

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#12

1,1-Dichloroethene

Concen: 15.599 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

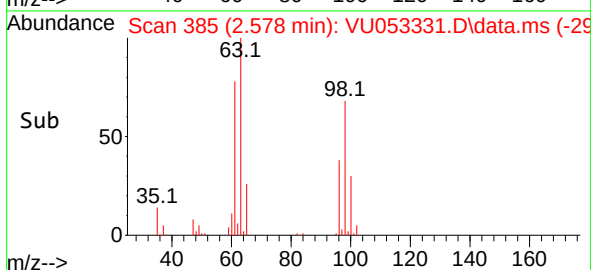
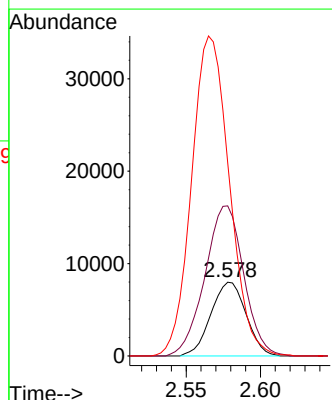
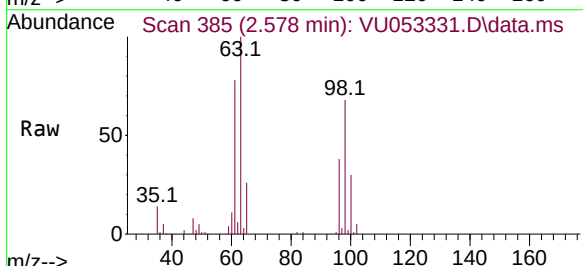
Tgt Ion: 96 Resp: 13154

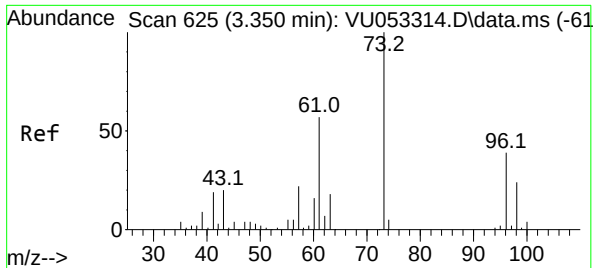
Ion Ratio Lower Upper

96 100

61 203.5 122.2 226.9

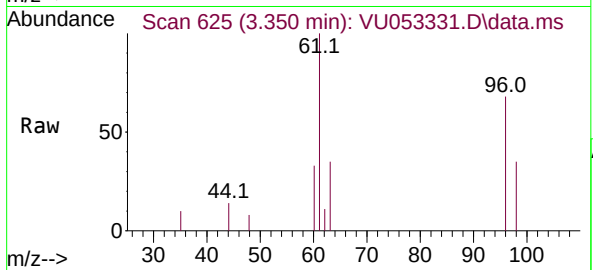
63 262.0 89.9 166.9#





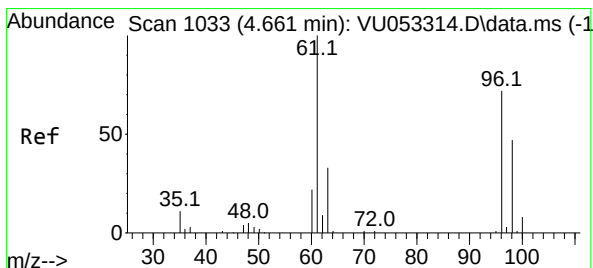
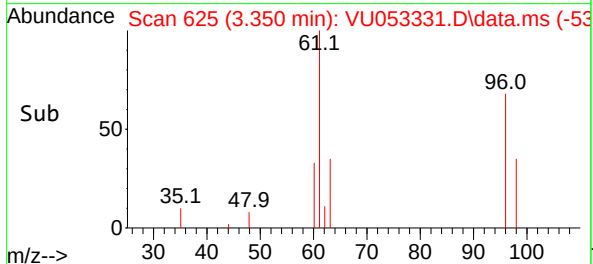
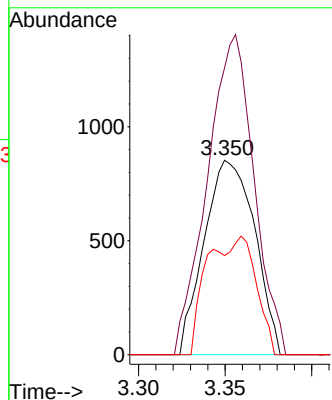
#17
trans-1,2-Dichloroethene
Concen: 2.024 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053331.D
Acq: 21 Mar 2023 17:56

Instrument :
MSVOA_U
ClientSampleId :
EYFE1



Tgt Ion: 96 Resp: 1732

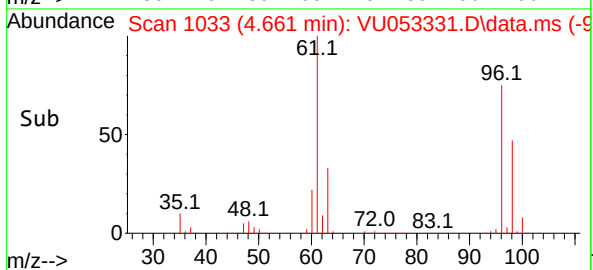
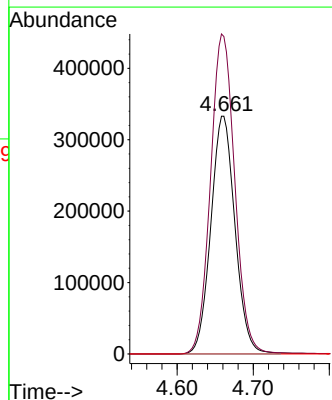
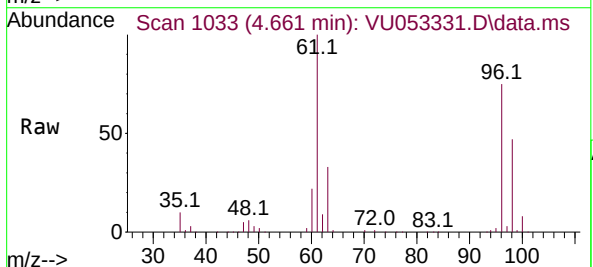
Ion	Ratio	Lower	Upper
96	100		
61	147.4	99.6	185.0
98	51.0	45.5	84.5

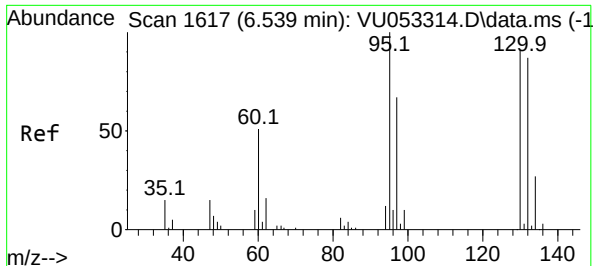


#20
cis-1,2-Dichloroethene
Concen: 729.153 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053331.D
Acq: 21 Mar 2023 17:56

Tgt Ion: 96 Resp: 732780

Ion	Ratio	Lower	Upper
96	100		
61	133.5	92.5	171.7
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 68.196 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

Instrument :

MSVOA_U

ClientSampleId :

EYFE1

Tgt Ion: 95 Resp: 66757

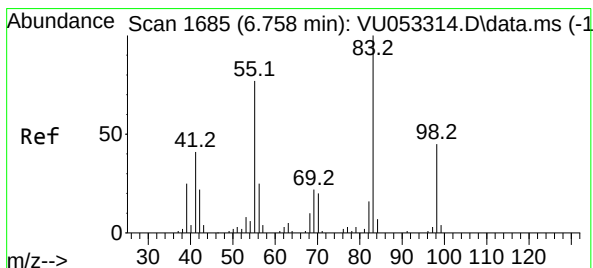
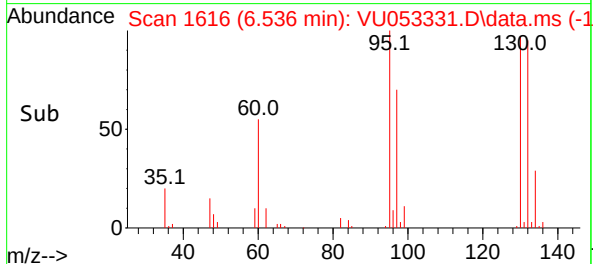
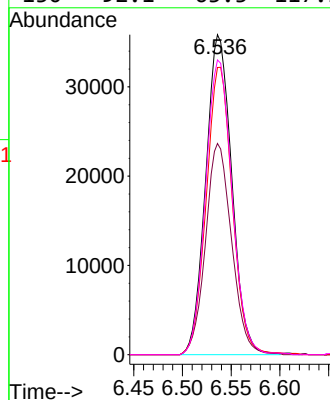
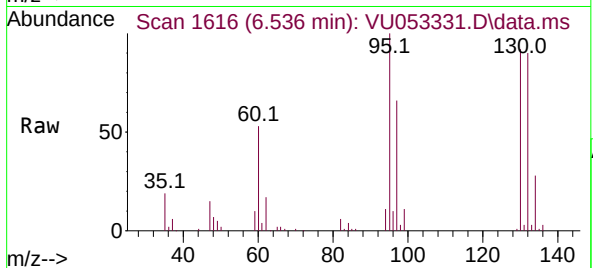
Ion Ratio Lower Upper

95 100

97 66.0 43.8 81.3

132 89.7 61.5 114.3

130 92.1 63.3 117.5



#35

Methylcyclohexane

Concen: 6.171 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

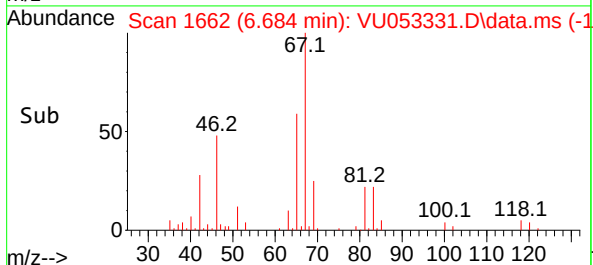
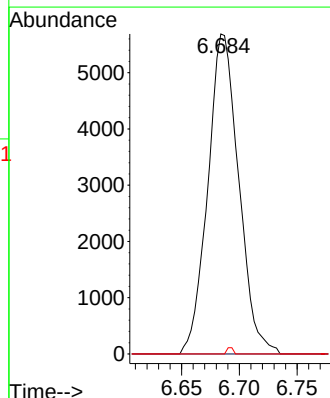
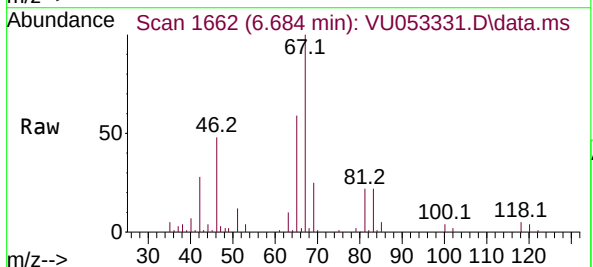
Tgt Ion: 83 Resp: 10589

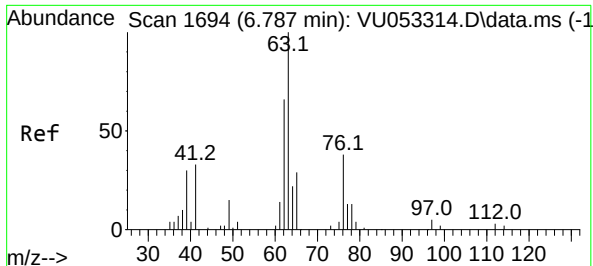
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.4 35.4 53.2#

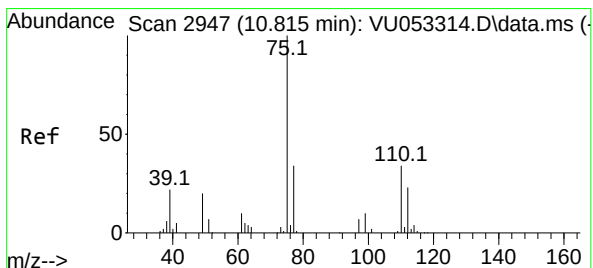
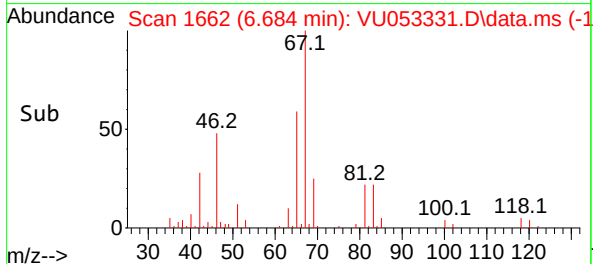
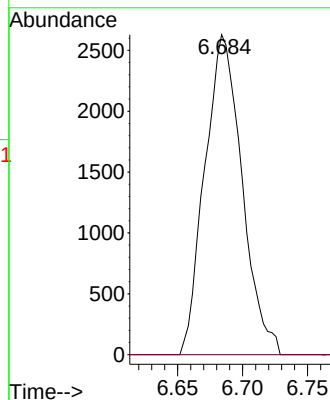
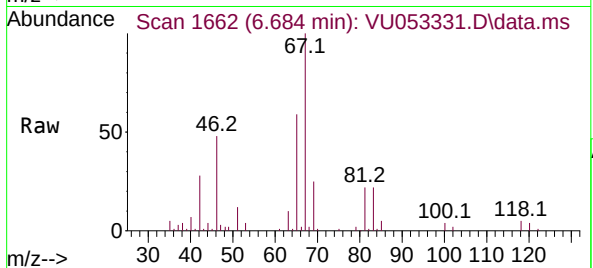




#37
1,2-Dichloropropane
Concen: 5.005 ug/L
RT: 6.684 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU053331.D
Acq: 21 Mar 2023 17:56

Instrument :
MSVOA_U
ClientSampleId :
EYFE1

Tgt Ion: 63 Resp: 5242
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 8.165 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053331.D
Acq: 21 Mar 2023 17:56

Tgt Ion: 75 Resp: 7955
Ion Ratio Lower Upper
75 100
77 31.5 26.6 40.0
110 2.4 28.6 42.8#

