

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053402.D
 Acq On : 24 Mar 2023 20:01
 Operator : JC/MD
 Sample : 02053-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:42:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

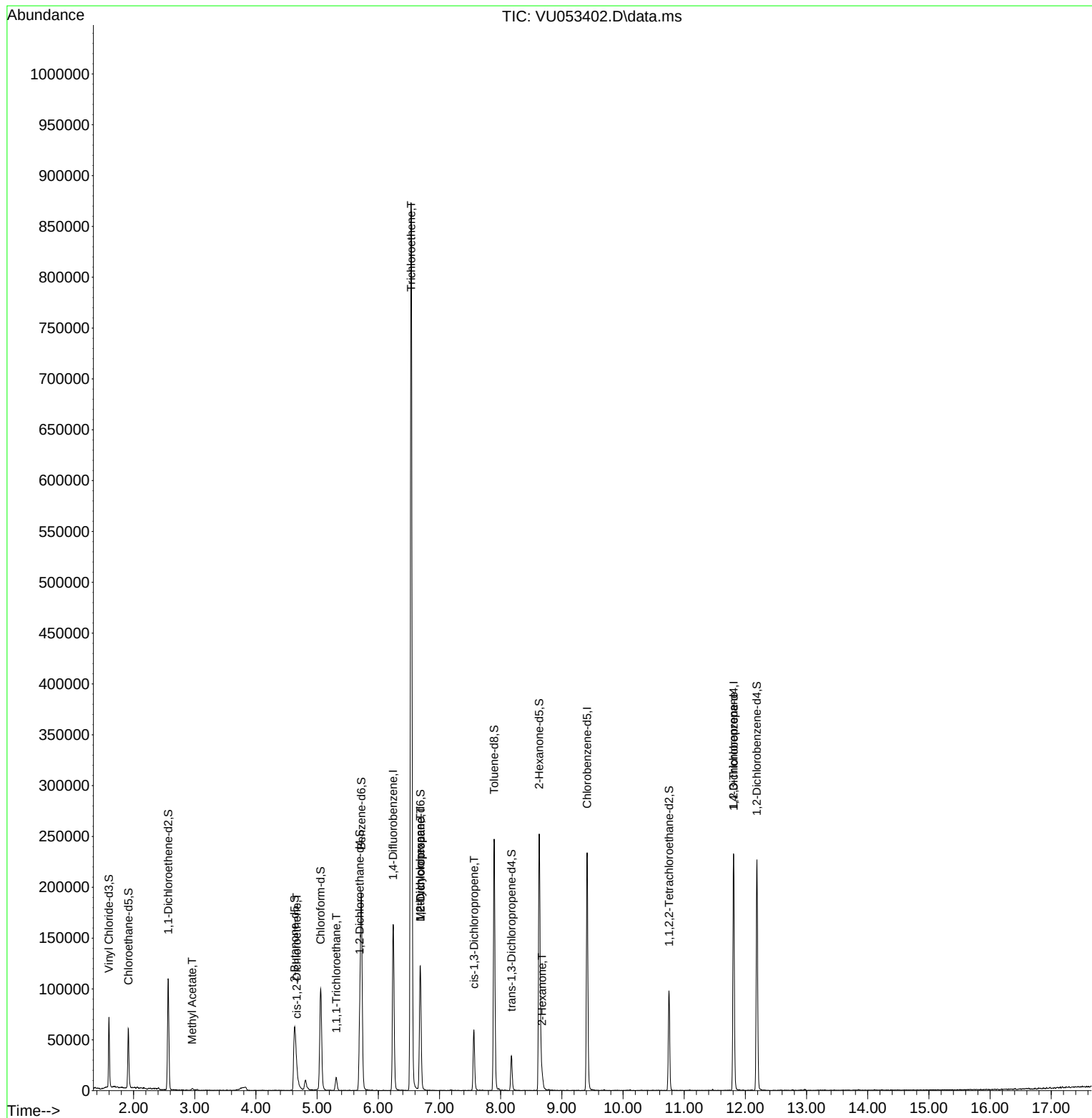
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138322	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46848	4.923	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.916	69	43283	5.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.565	65	19118	4.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	4.633	46	117975	54.119	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.240%	
24) Chloroform-d	5.057	84	90536	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.697	65	46998	5.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.723	84	185923	5.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.687	67	60445	5.420	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.893	98	172353	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.176	79	20366	4.759	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.629	63	93104	53.561	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.120%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	47580	5.126	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	12.188	152	59581	5.308	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.957	43	2909	0.959	ug/L #	74
22) cis-1,2-Dichloroethene	4.668	96	1651	0.151	ug/L #	88
29) 1,1,1-Trichloroethane	5.314	97	9000	0.706	ug/L	95
34) Trichloroethene	6.536	95	295899	32.112	ug/L	97
35) Methylcyclohexane	6.684	83	13648	0.863	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	6536	0.715	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1614	0.120	ug/L #	69
48) 2-Hexanone	8.677	43	6231	1.885	ug/L #	59
61) 1,2,3-Trichloropropane	11.806	75	7877	1.524	ug/L #	64

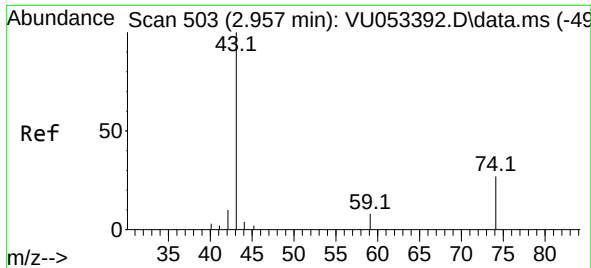
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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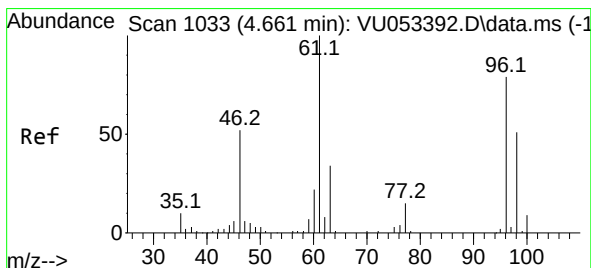
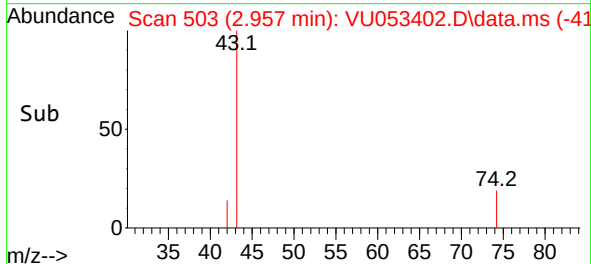
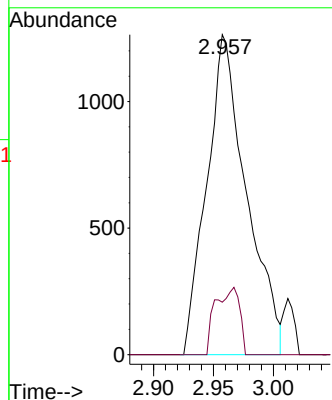
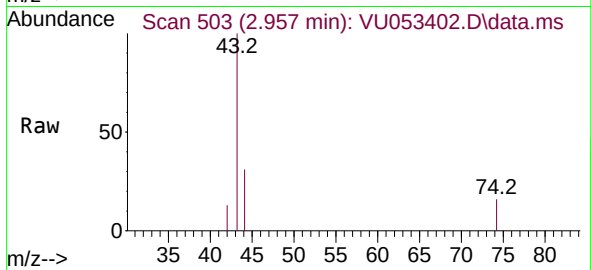




#15
Methyl Acetate
Concen: 0.959 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU053402.D
Acq: 24 Mar 2023 20:01

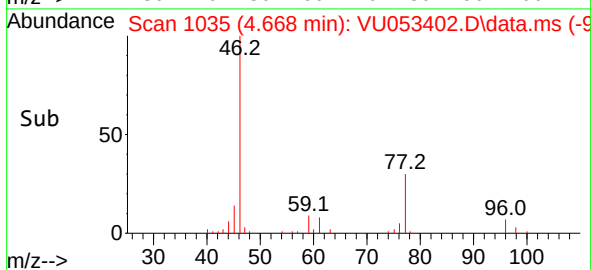
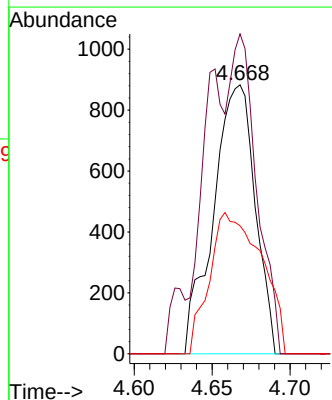
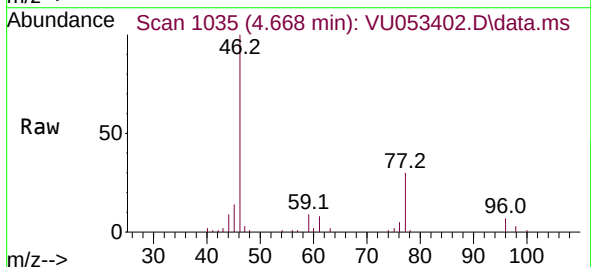
Instrument :
MSVOA_U
ClientSampleId :

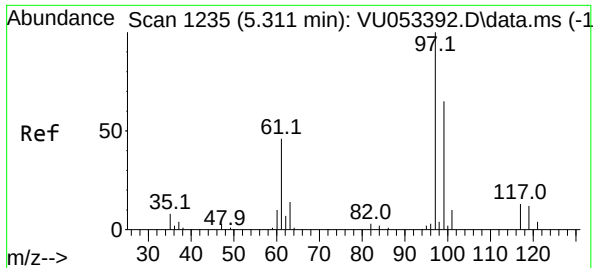
Tgt Ion: 43 Resp: 2909
Ion Ratio Lower Upper
43 100
74 12.7 20.8 31.2#



#22
cis-1,2-Dichloroethene
Concen: 0.151 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VU053402.D
Acq: 24 Mar 2023 20:01

Tgt Ion: 96 Resp: 1651
Ion Ratio Lower Upper
96 100
61 118.9 86.6 160.8
98 47.6 47.7 88.5#





#29

1,1,1-Trichloroethane

Concen: 0.706 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053402.D

Acq: 24 Mar 2023 20:01

Instrument :

MSVOA_U

ClientSampleId :

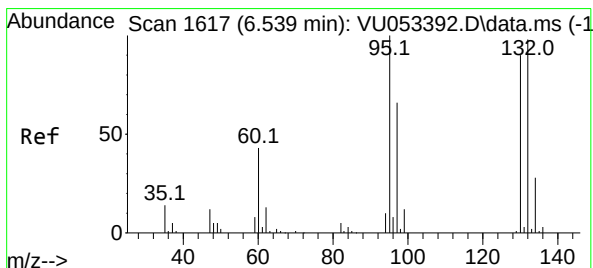
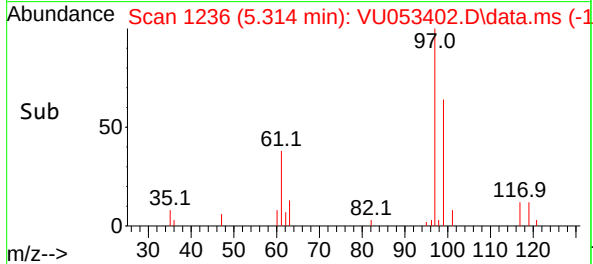
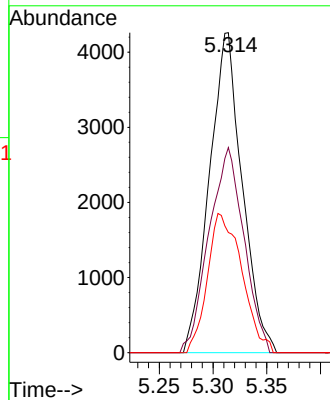
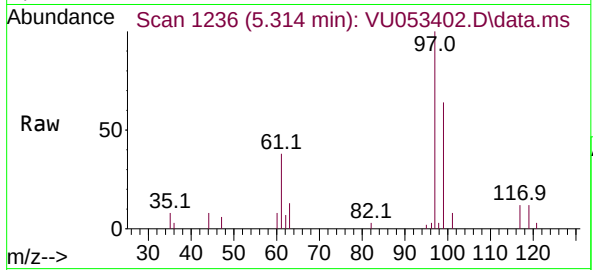
Tgt Ion: 97 Resp: 9000

Ion Ratio Lower Upper

97 100

99 68.5 49.9 74.9

61 45.8 35.7 53.5



#34

Trichloroethene

Concen: 32.112 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU053402.D

Acq: 24 Mar 2023 20:01

Tgt Ion: 95 Resp: 295899

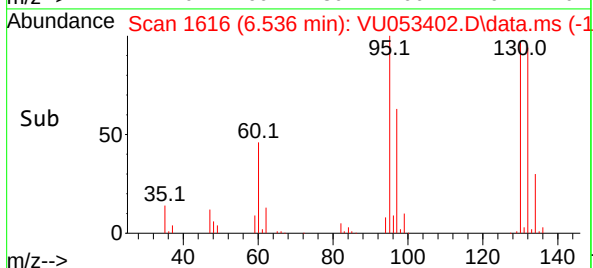
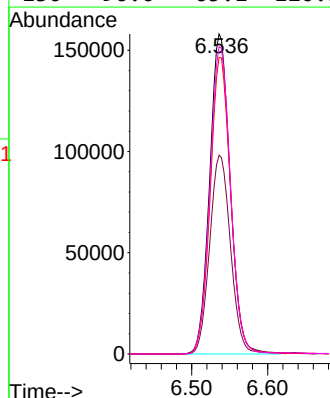
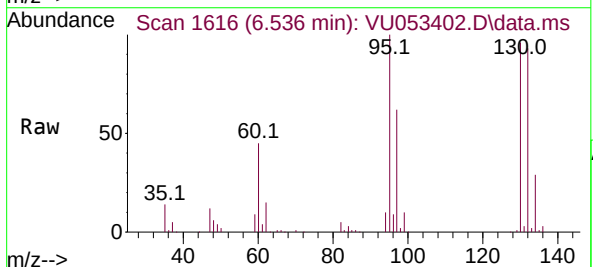
Ion Ratio Lower Upper

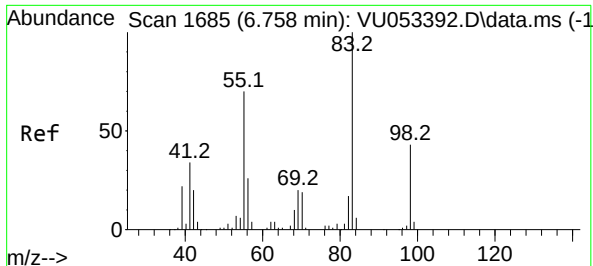
95 100

97 62.1 45.3 84.1

132 92.7 62.8 116.6

130 96.0 65.1 120.9





#35

Methylcyclohexane

Concen: 0.863 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053402.D

Acq: 24 Mar 2023 20:01

Instrument :

MSVOA_U

ClientSampleId :

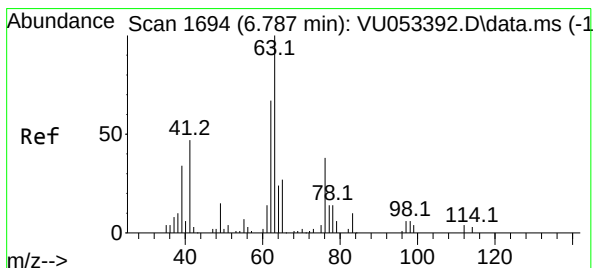
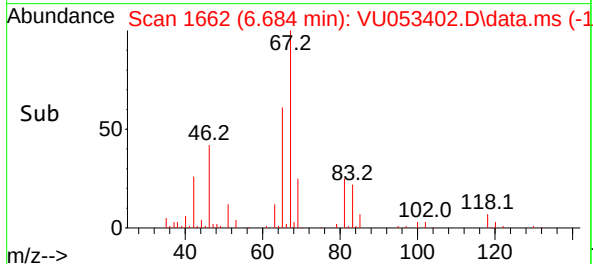
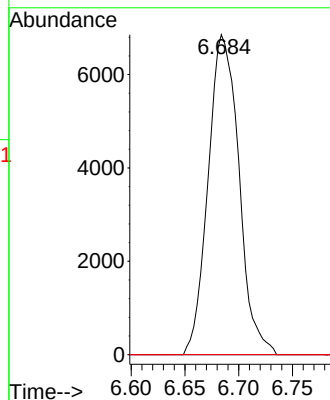
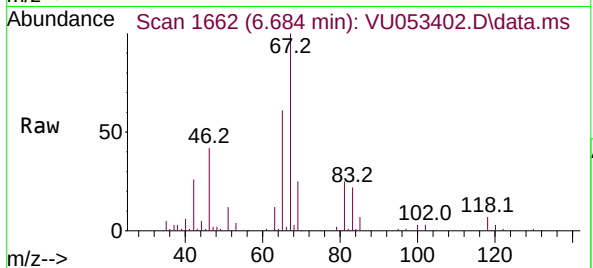
Tgt Ion: 83 Resp: 13648

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.0 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.715 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053402.D

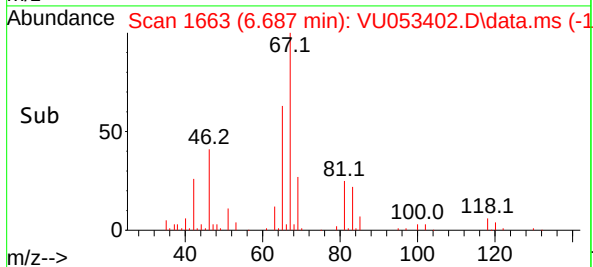
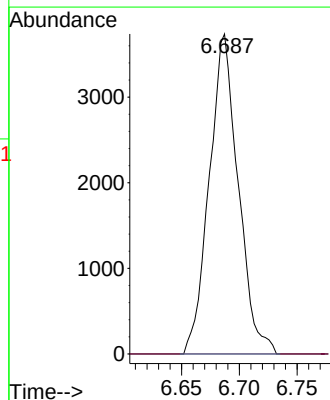
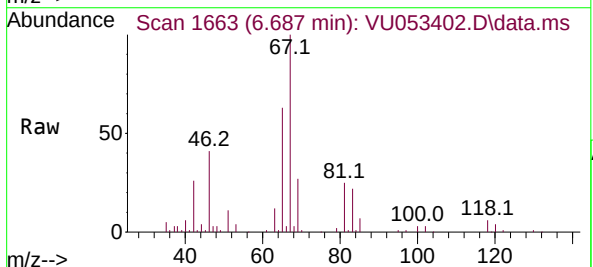
Acq: 24 Mar 2023 20:01

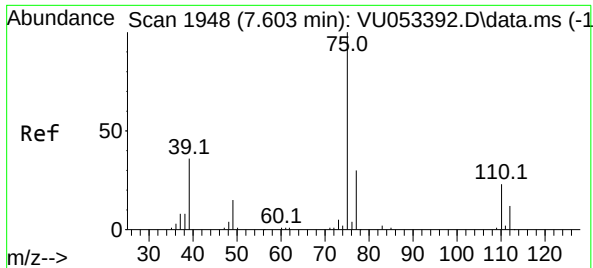
Tgt Ion: 63 Resp: 6536

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU053402.D

Acq: 24 Mar 2023 20:01

Instrument :

MSVOA_U

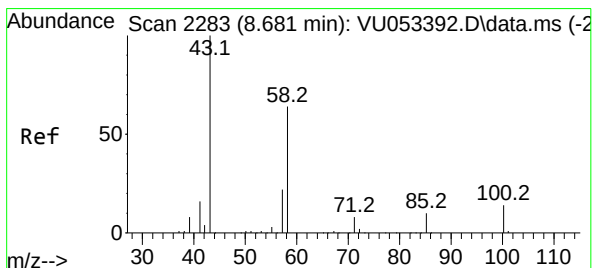
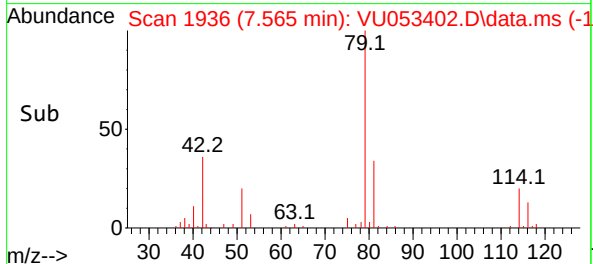
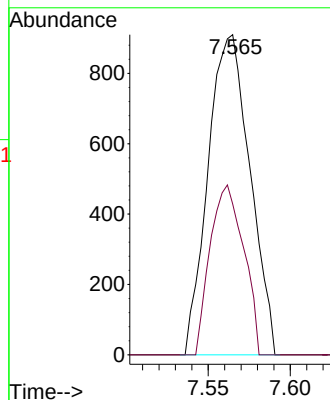
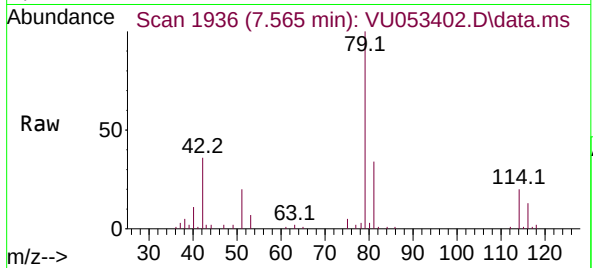
ClientSampleId :

Tgt Ion: 75 Resp: 1614

Ion Ratio Lower Upper

75 100

77 47.1 21.1 39.3#



#48

2-Hexanone

Concen: 1.885 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU053402.D

Acq: 24 Mar 2023 20:01

Tgt Ion: 43 Resp: 6231

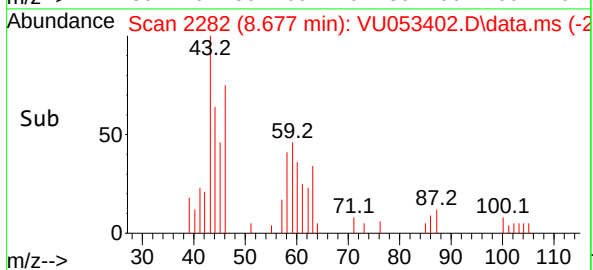
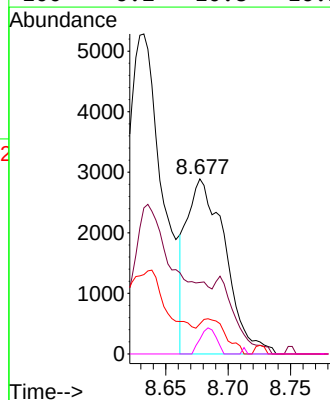
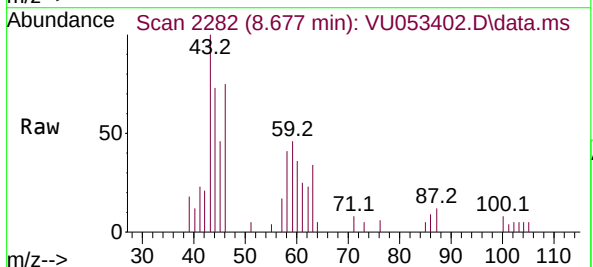
Ion Ratio Lower Upper

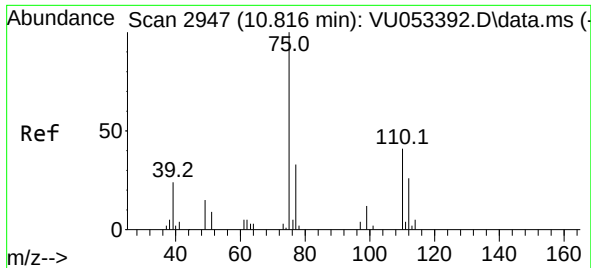
43 100

58 23.4 52.8 79.2#

57 13.4 17.1 25.7#

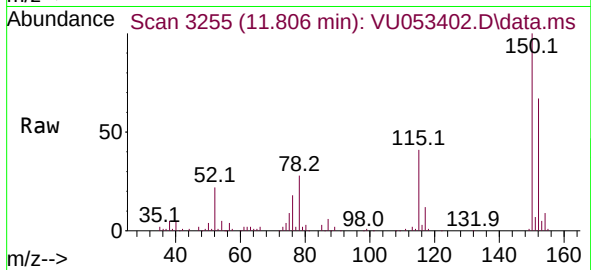
100 6.2 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.524 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU053402.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.2	30.6	46.0#
77	30.2	26.1	39.1

