

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048652.D
 Acq On : 23 May 2022 13:45
 Operator : SY/MD
 Sample : N2925-02ME
 Misc : 4.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXY04ME

Quant Time: May 24 02:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

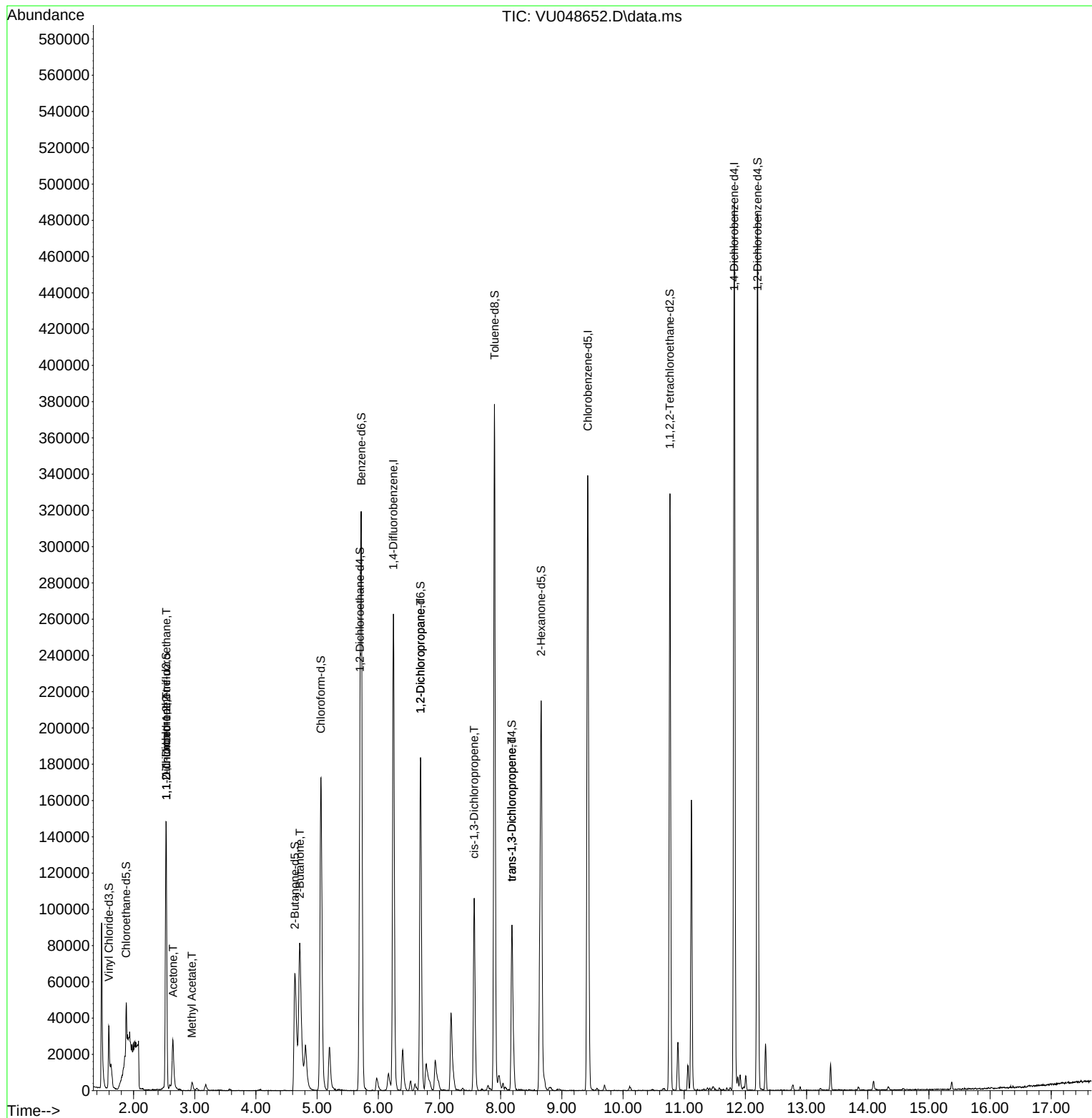
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224625	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	226747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	134933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28750	20.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.800%#
7) Chloroethane-d5	1.880	69	25336	24.580	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.160%#
11) 1,1-Dichloroethene-d2	2.530	63	89864	28.881	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.760%#
21) 2-Butanone-d5	4.636	46	124289	94.931	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.930%
24) Chloroform-d	5.060	84	155428	44.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
26) 1,2-Dichloroethane-d4	5.700	65	118665	48.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
32) Benzene-d6	5.723	84	269452	42.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.690	67	82218	44.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	7.899	98	256550	43.221	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	8.182	79	50068	42.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.520%
47) 2-Hexanone-d5	8.661	63	96338	94.823	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	148828	48.549	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.100%
66) 1,2-Dichlorobenzene-d4	12.198	152	131426	47.645	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	823	0.522	ug/L #	17
12) 1,1-Dichloroethene	2.536	96	883	0.604	ug/L #	1
13) Acetone	2.646	43	23435	22.032	ug/L	91
15) Methyl Acetate	2.954	43	5340	2.942	ug/L	93
22) 2-Butanone	4.716	43	128841	95.397	ug/L	99
37) 1,2-Dichloropropane	6.690	63	10669	6.441	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	3195	1.130	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2276	0.763	ug/L #	82

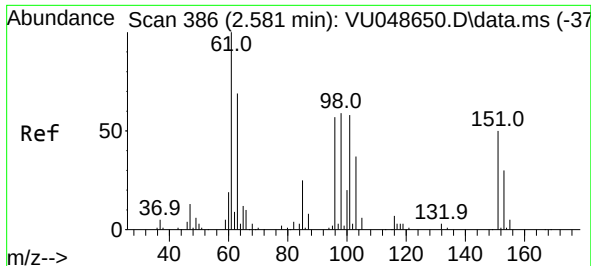
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.522 ug/L

RT: 2.536 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

EXY04ME

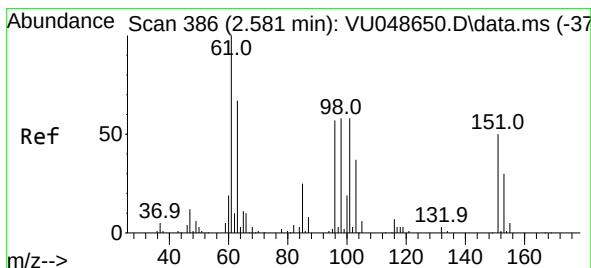
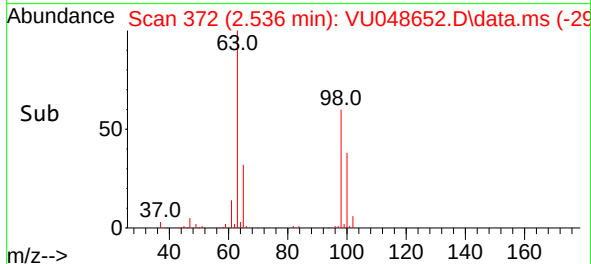
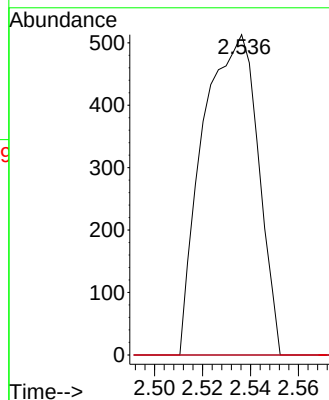
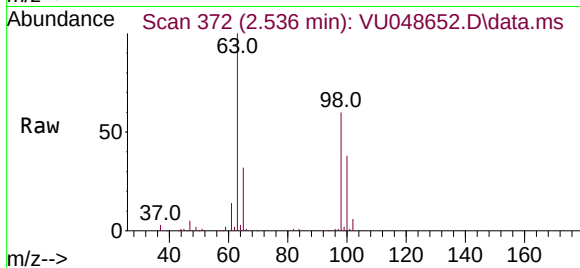
Tgt Ion:101 Resp: 823

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 64.4 96.6#



#12

1,1-Dichloroethene

Concen: 0.604 ug/L

RT: 2.536 min Scan# 372

Delta R.T. -0.045 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

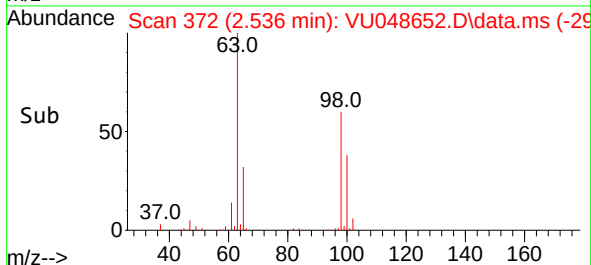
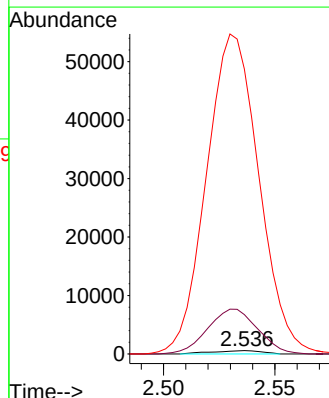
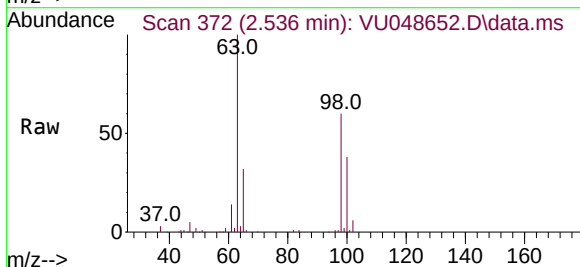
Tgt Ion: 96 Resp: 883

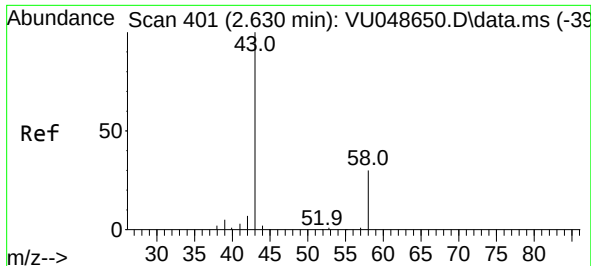
Ion Ratio Lower Upper

96 100

61 1181.1 120.6 224.0#

63 8551.6 82.3 152.9#





#13

Acetone

Concen: 22.032 ug/L

RT: 2.646 min Scan# 401

Delta R.T. 0.016 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

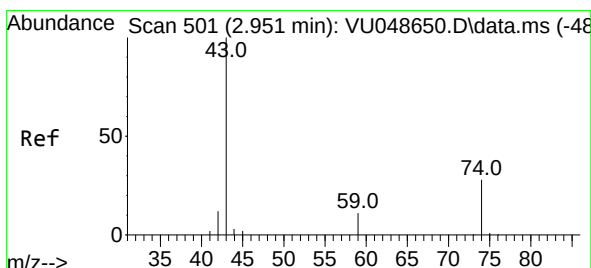
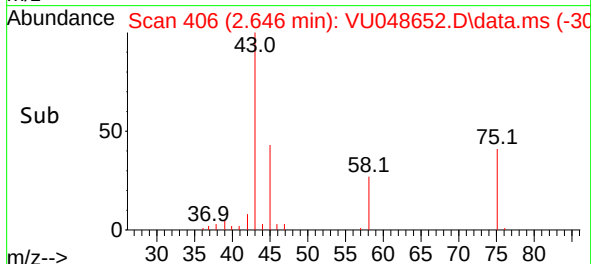
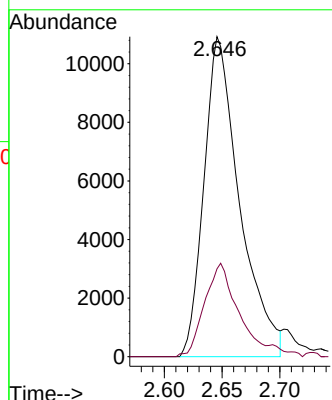
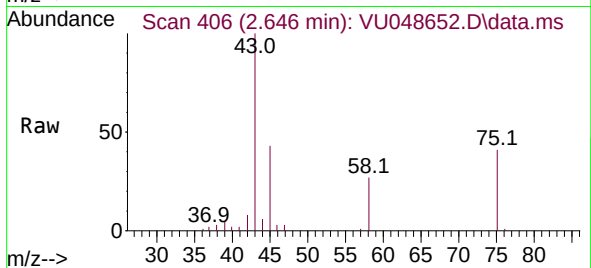
EXY04ME

Tgt Ion: 43 Resp: 23435

Ion Ratio Lower Upper

43 100

58 25.0 0.0 59.8



#15

Methyl Acetate

Concen: 2.942 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.003 min

Lab File: VU048652.D

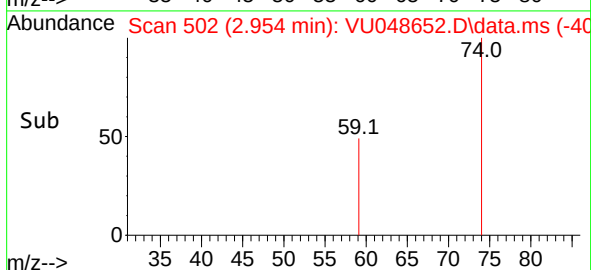
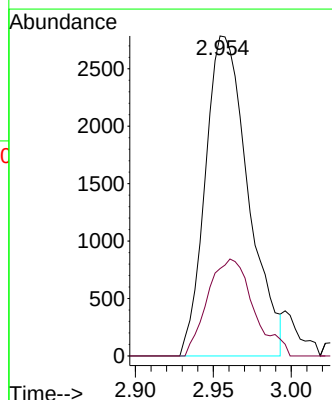
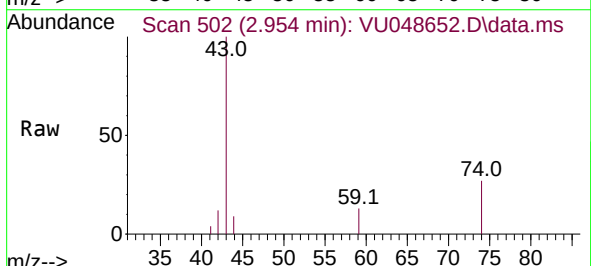
Acq: 23 May 2022 13:45

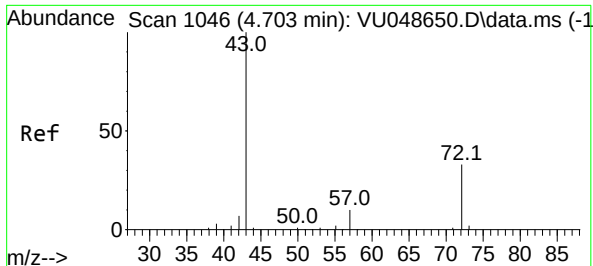
Tgt Ion: 43 Resp: 5340

Ion Ratio Lower Upper

43 100

74 30.7 21.7 32.5





#22

2-Butanone

Concen: 95.397 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

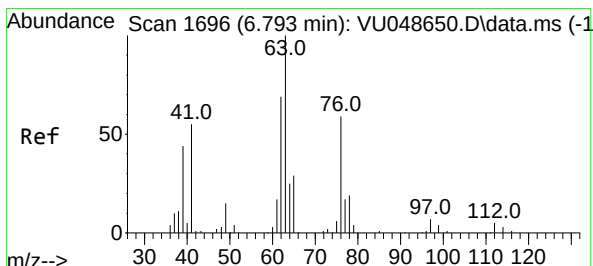
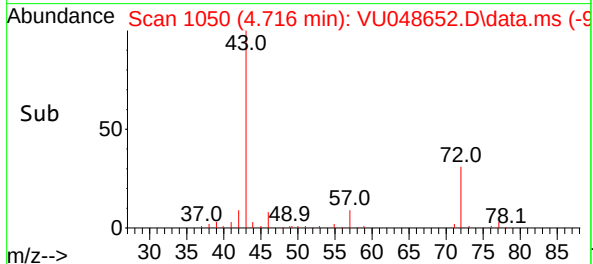
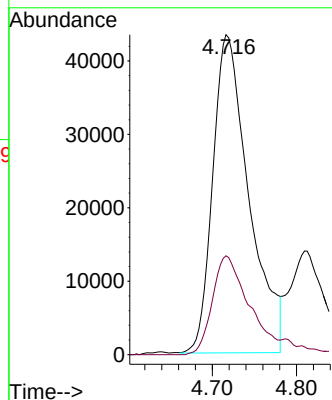
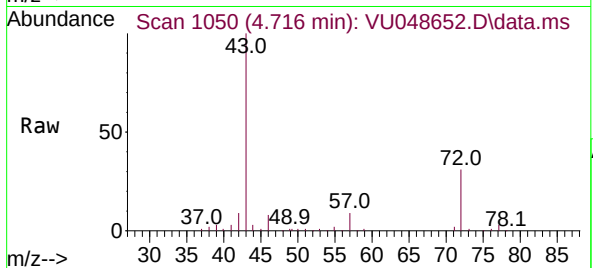
EXY04ME

Tgt Ion: 43 Resp: 128841

Ion Ratio Lower Upper

43 100

72 31.5 15.4 46.2



#37

1,2-Dichloropropane

Concen: 6.441 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048652.D

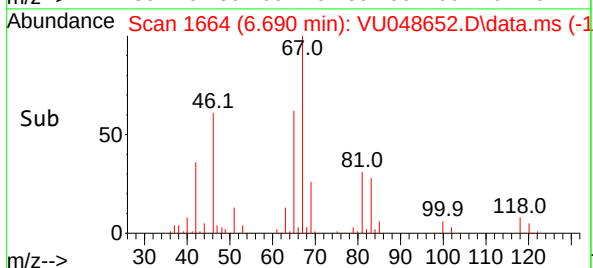
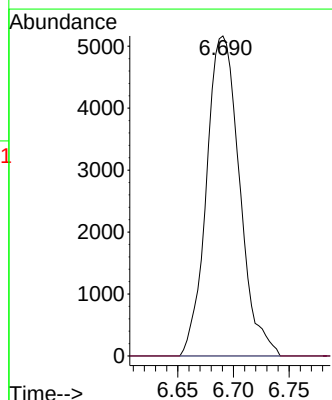
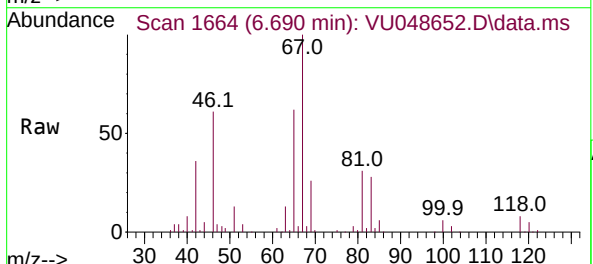
Acq: 23 May 2022 13:45

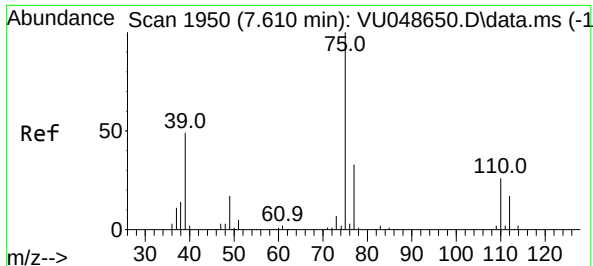
Tgt Ion: 63 Resp: 10669

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.130 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

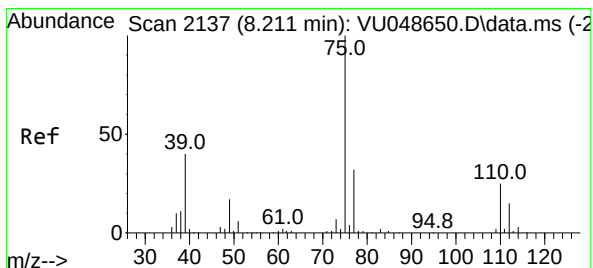
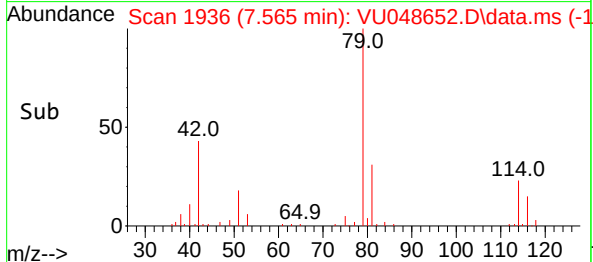
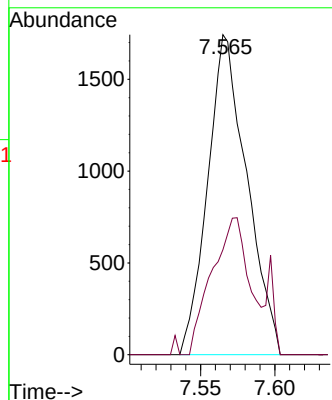
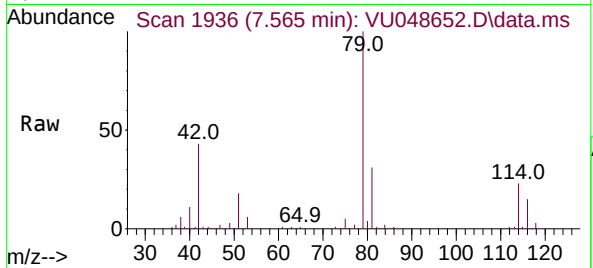
EXY04ME

Tgt Ion: 75 Resp: 3195

Ion Ratio Lower Upper

75 100

77 30.3 22.9 42.5



#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048652.D

Acq: 23 May 2022 13:45

Tgt Ion: 75 Resp: 2276

Ion Ratio Lower Upper

75 100

77 42.5 22.7 42.1#

