

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048634.D
 Acq On : 19 May 2022 16:53
 Operator : SY/MD
 Sample : N2848-22ME
 Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXY12ME

Quant Time: May 20 04:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 20 04:37:51 2022
 Response via : Initial Calibration

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

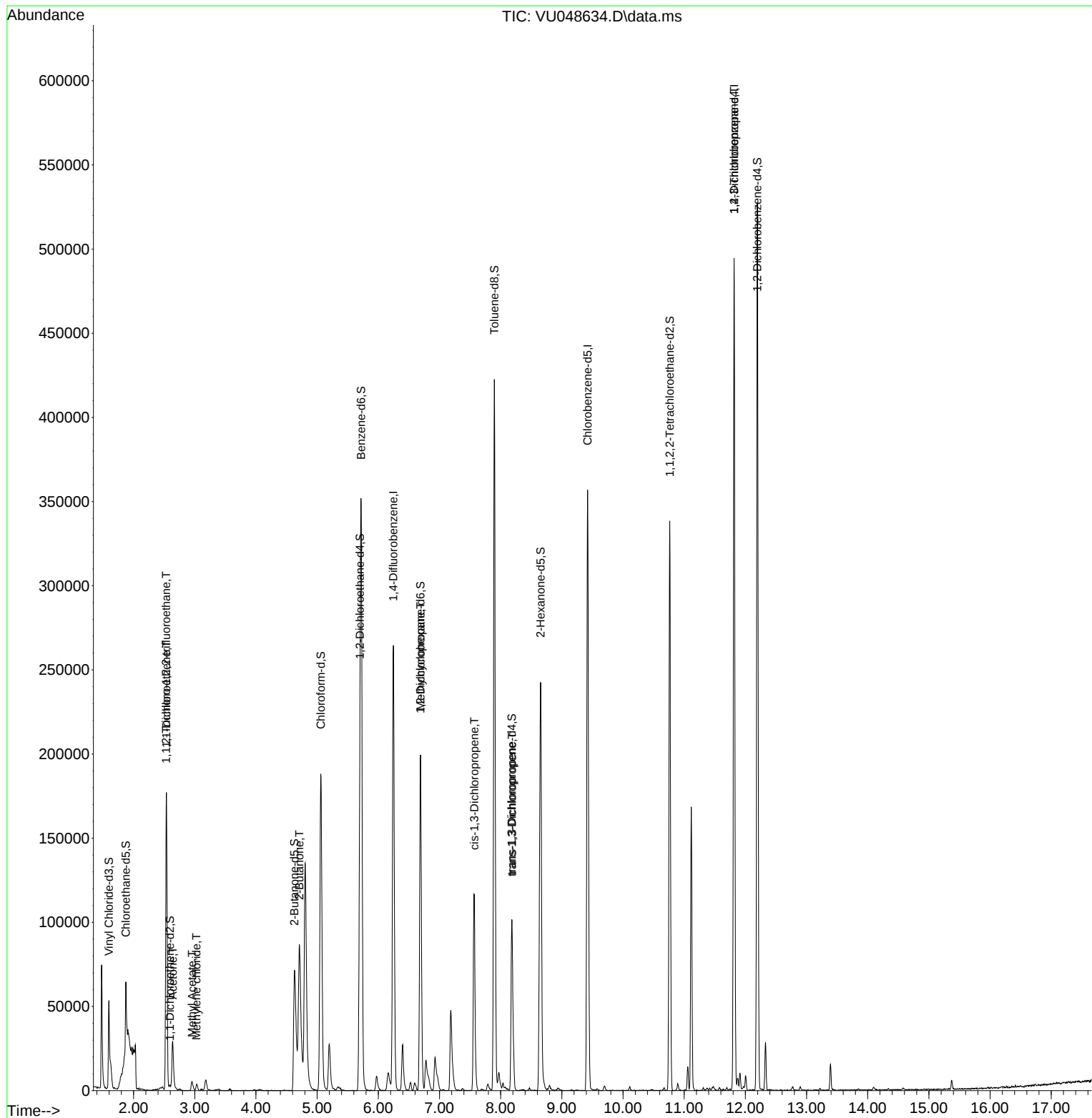
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	226573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	228544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	132653	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57731	41.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.200%		
7) Chloroethane-d5	1.874	69	37194	35.774	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.540%		
11) 1,1-Dichloroethene-d2	2.594	63	142	0.045	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.100%#		
21) 2-Butanone-d5	4.629	46	135549	102.641	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.640%		
24) Chloroform-d	5.060	84	171059	48.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.560%		
26) 1,2-Dichloroethane-d4	5.700	65	123988	50.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.240%		
32) Benzene-d6	5.719	84	303295	47.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.360%		
36) 1,2-Dichloropropane-d6	6.687	67	89154	47.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.500%		
41) Toluene-d8	7.896	98	292951	48.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.940%		
43) trans-1,3-Dichloroprop...	8.182	79	55963	46.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.740%		
47) 2-Hexanone-d5	8.652	63	106617	104.115	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.110%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	155380	50.288	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.580%		
66) 1,2-Dichlorobenzene-d4	12.195	152	142016	52.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	1035	0.651	ug/L #	17
12) 1,1-Dichloroethene	2.536	96	871	0.591	ug/L #	1
13) Acetone	2.642	43	23112	21.541	ug/L	99
15) Methyl Acetate	2.954	43	6846	3.739	ug/L #	74
16) Methylene chloride	3.028	84	2161	1.259	ug/L	80
22) 2-Butanone	4.710	43	134182	98.497	ug/L	99
35) Methylcyclohexane	6.690	83	24599	9.074	ug/L #	21
39) cis-1,3-Dichloropropene	7.568	75	3826	1.342	ug/L #	65
44) trans-1,3-Dichloropropene	8.186	75	2844	0.946	ug/L #	82
60) 1,2,3-Trichloropropane	11.816	75	12406	4.716	ug/L #	58

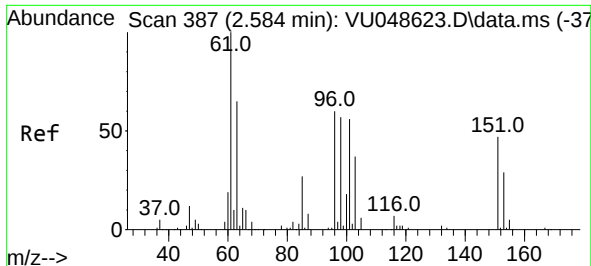
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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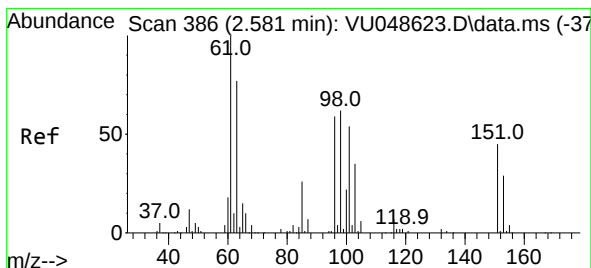
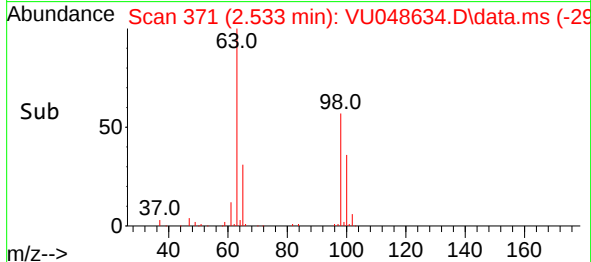
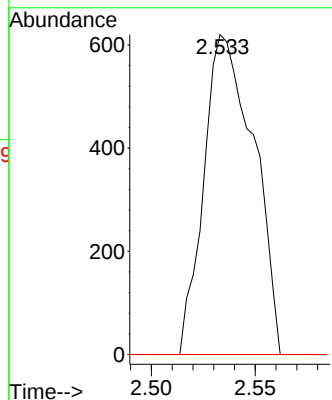
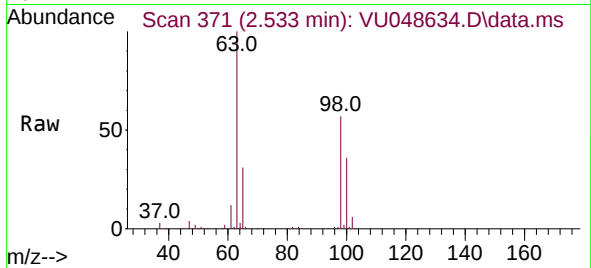




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.651 ug/L
RT: 2.533 min Scan# 31
Delta R.T. -0.051 min
Lab File: VU048634.D
Acq: 19 May 2022 16:53

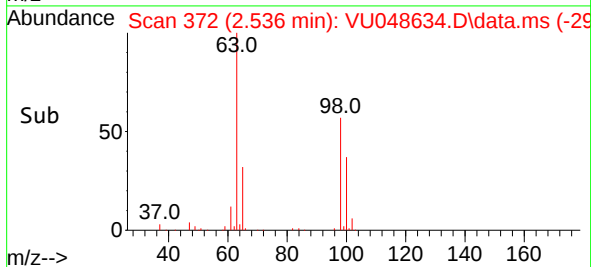
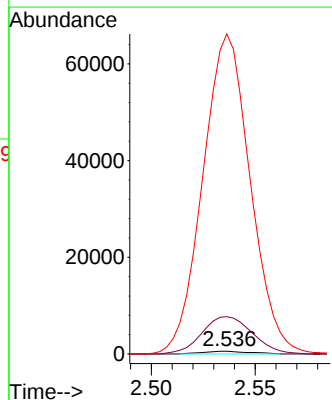
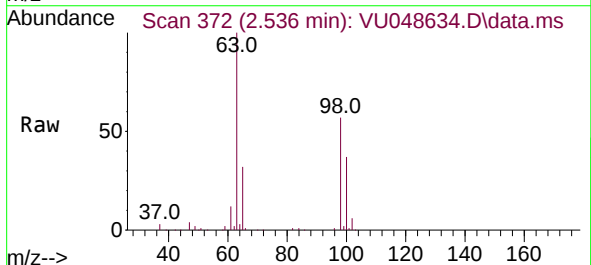
Instrument :
MSVOA_U
ClientSampleId :
EXY12ME

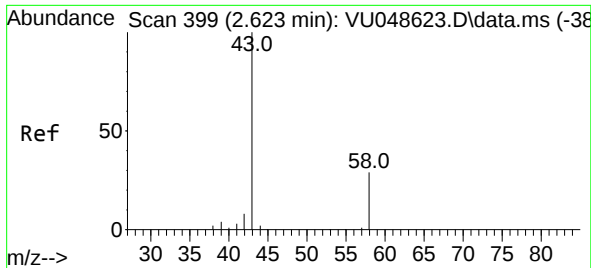
Tgt Ion:101 Resp: 1035
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.591 ug/L
RT: 2.536 min Scan# 372
Delta R.T. -0.045 min
Lab File: VU048634.D
Acq: 19 May 2022 16:53

Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 1368.4 120.6 224.0#
63 11737.6 82.3 152.9#





#13

Acetone

Concen: 21.541 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.019 min

Lab File: VU048634.D

Acq: 19 May 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

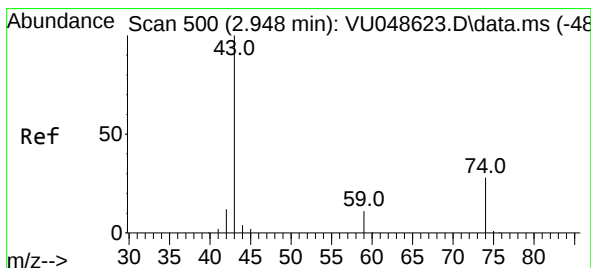
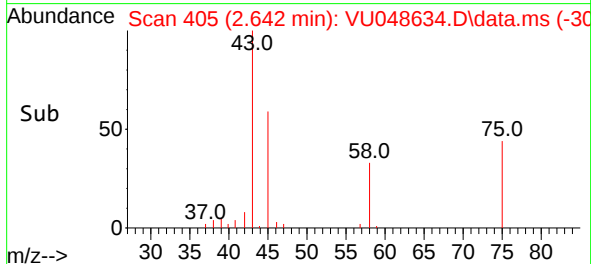
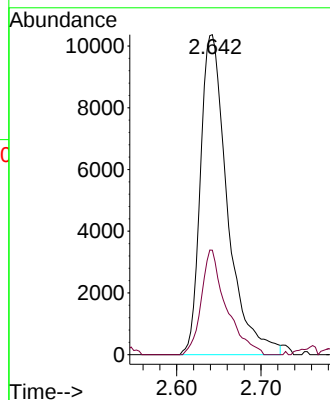
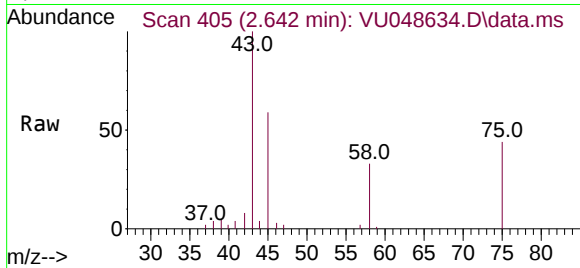
EXY12ME

Tgt Ion: 43 Resp: 23112

Ion Ratio Lower Upper

43 100

58 30.2 0.0 59.8



#15

Methyl Acetate

Concen: 3.739 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.007 min

Lab File: VU048634.D

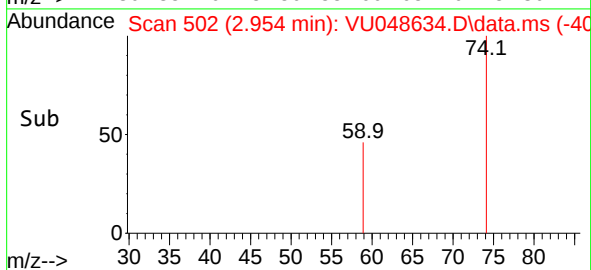
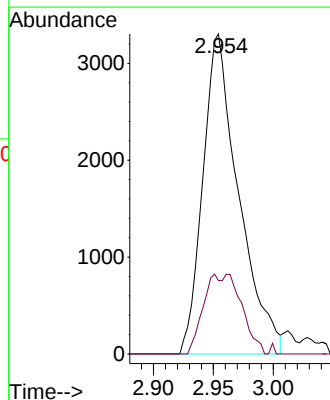
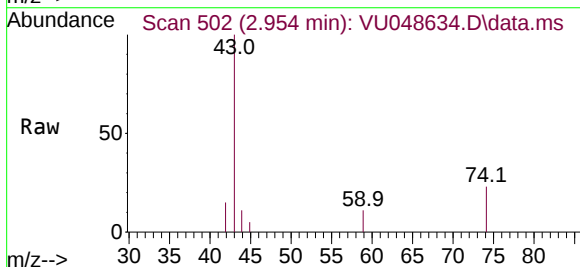
Acq: 19 May 2022 16:53

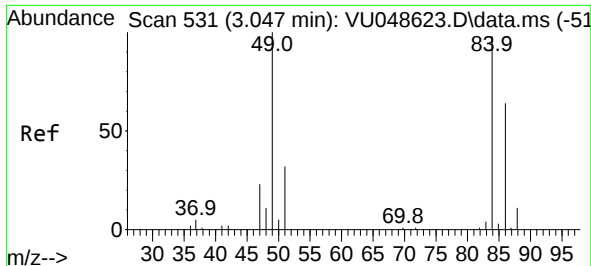
Tgt Ion: 43 Resp: 6846

Ion Ratio Lower Upper

43 100

74 13.8 21.7 32.5#

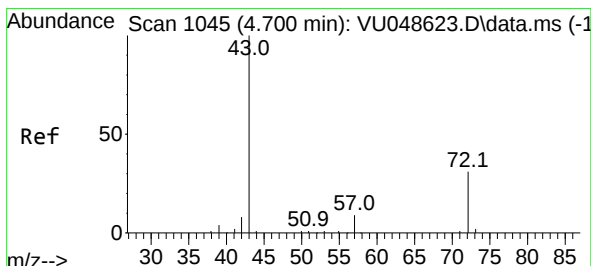
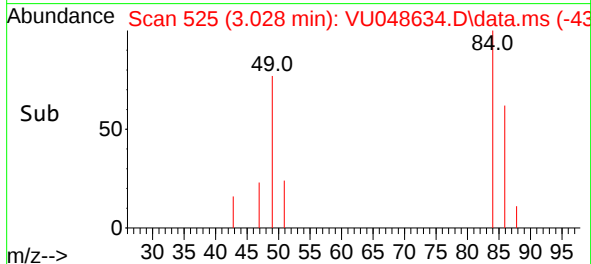
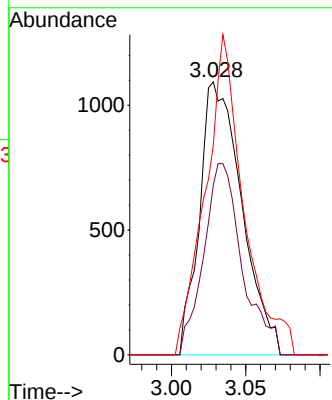
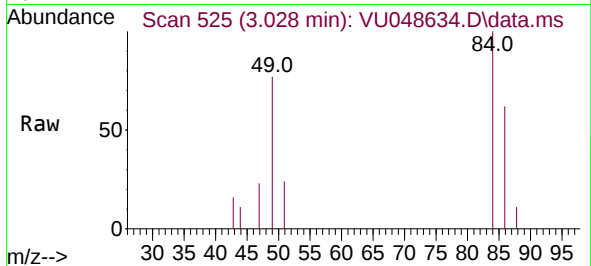




#16
Methylene chloride
Concen: 1.259 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.019 min
Lab File: VU048634.D
Acq: 19 May 2022 16:53

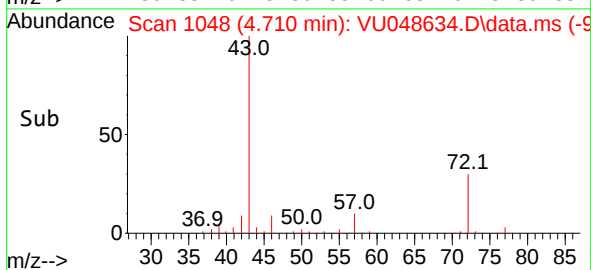
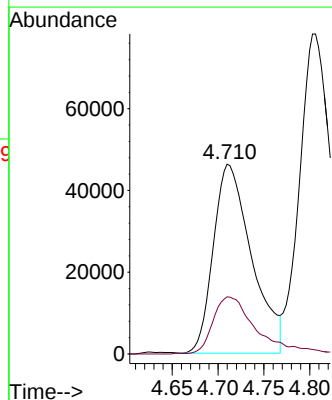
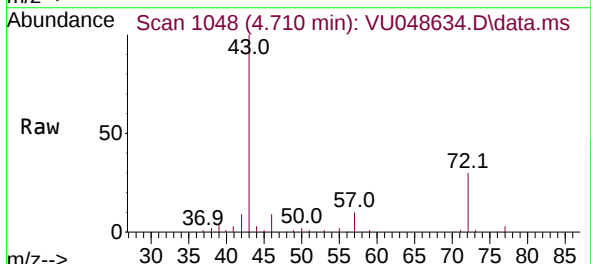
Instrument :
MSVOA_U
ClientSampleId :
EXY12ME

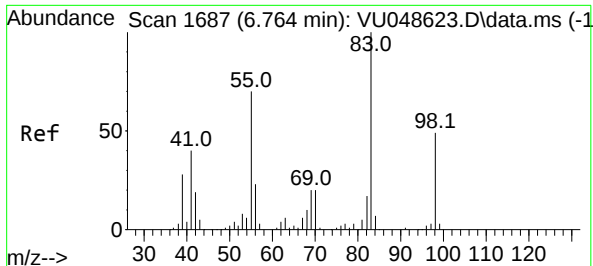
Tgt Ion: 84 Resp: 2161
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 76.9 76.4 141.8



#22
2-Butanone
Concen: 98.497 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048634.D
Acq: 19 May 2022 16:53

Tgt Ion: 43 Resp: 134182
Ion Ratio Lower Upper
43 100
72 31.4 15.4 46.2





#35

Methylcyclohexane

Concen: 9.074 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU048634.D

Acq: 19 May 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

EXY12ME

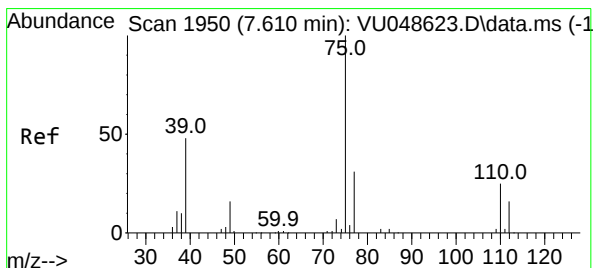
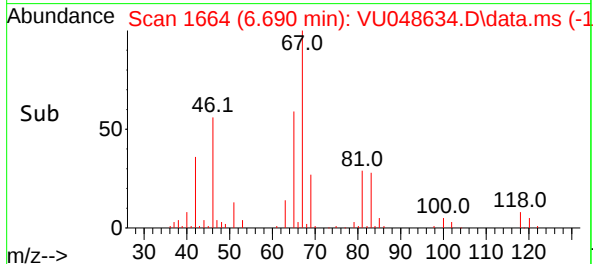
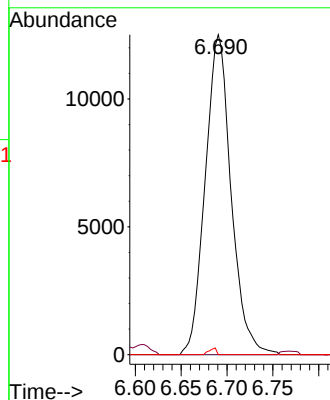
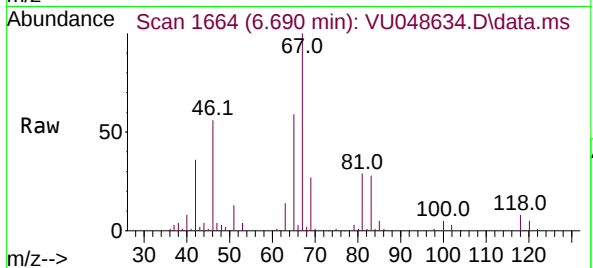
Tgt Ion: 83 Resp: 24599

Ion Ratio Lower Upper

83 100

55 0.6 56.2 84.4#

98 0.6 38.2 57.2#



#39

cis-1,3-Dichloropropene

Concen: 1.342 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048634.D

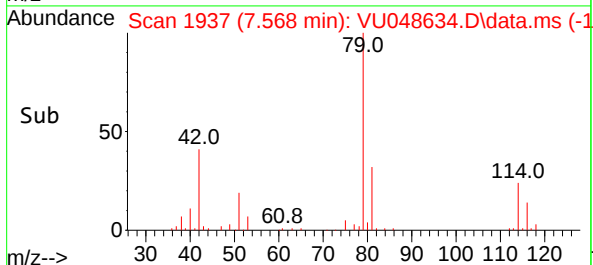
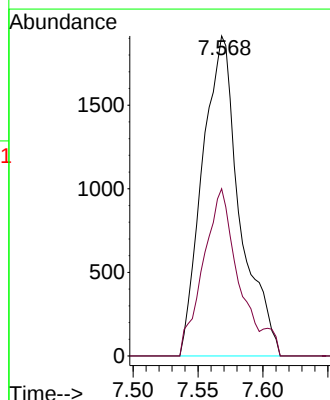
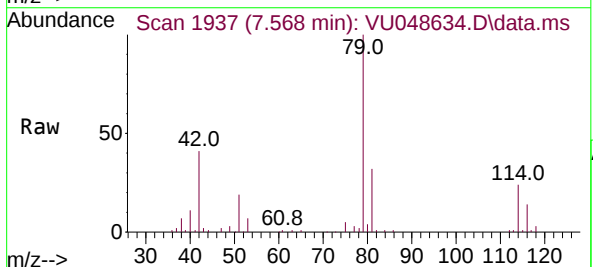
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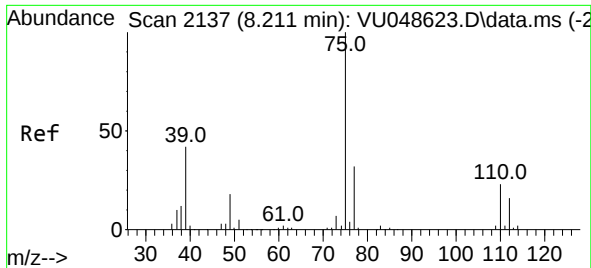
Tgt Ion: 75 Resp: 3826

Ion Ratio Lower Upper

75 100

77 52.2 22.9 42.5#

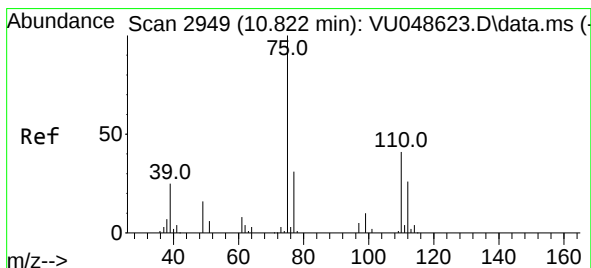
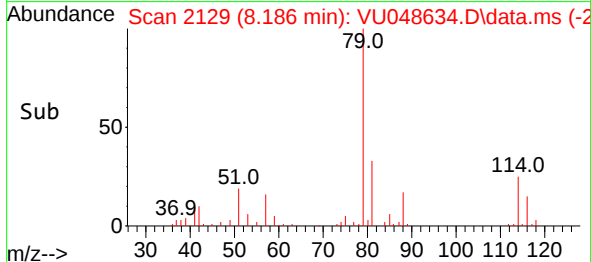
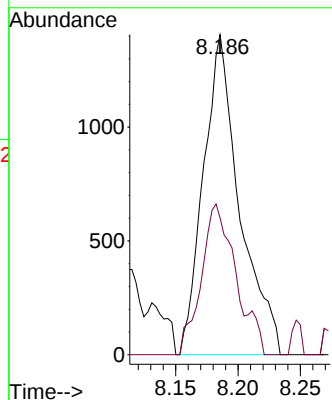
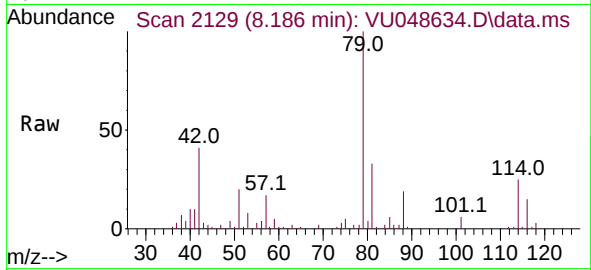




#44
trans-1,3-Dichloropropene
Concen: 0.946 ug/L
RT: 8.186 min Scan# 2137
Delta R.T. -0.026 min
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Acq: 19 May 2022 16:53

Instrument :
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ClientSampleId :
EXY12ME

Tgt Ion: 75 Resp: 2844
Ion Ratio Lower Upper
75 100
77 42.7 22.7 42.1#



#60
1,2,3-Trichloropropane
Concen: 4.716 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU048634.D
Acq: 19 May 2022 16:53

Tgt Ion: 75 Resp: 12406
Ion Ratio Lower Upper
75 100
77 42.2 25.4 38.0#
110 2.4 32.1 48.1#

