

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048657.D
 Acq On : 23 May 2022 17:45
 Operator : SY/MD
 Sample : N2948-20ME
 Misc : 4.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXZ9ME

Quant Time: May 24 02:56:12 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	235009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	146193	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	29655	20.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.200%#
7) Chloroethane-d5	1.871	69	25579	23.720	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.440%#
11) 1,1-Dichloroethene-d2	2.530	63	77145	23.698	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.400%#
21) 2-Butanone-d5	4.633	46	125343	91.506	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.510%
24) Chloroform-d	5.060	84	144974	39.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.720%
26) 1,2-Dichloroethane-d4	5.700	65	108758	42.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
32) Benzene-d6	5.719	84	242606	36.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.340%
36) 1,2-Dichloropropane-d6	6.690	67	76481	39.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.760%
41) Toluene-d8	7.899	98	230724	37.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.160%#
43) trans-1,3-Dichloroprop...	8.182	79	46392	37.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.720%
47) 2-Hexanone-d5	8.652	63	97021	91.096	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.100%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	143637	44.698	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	123316	41.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.520%

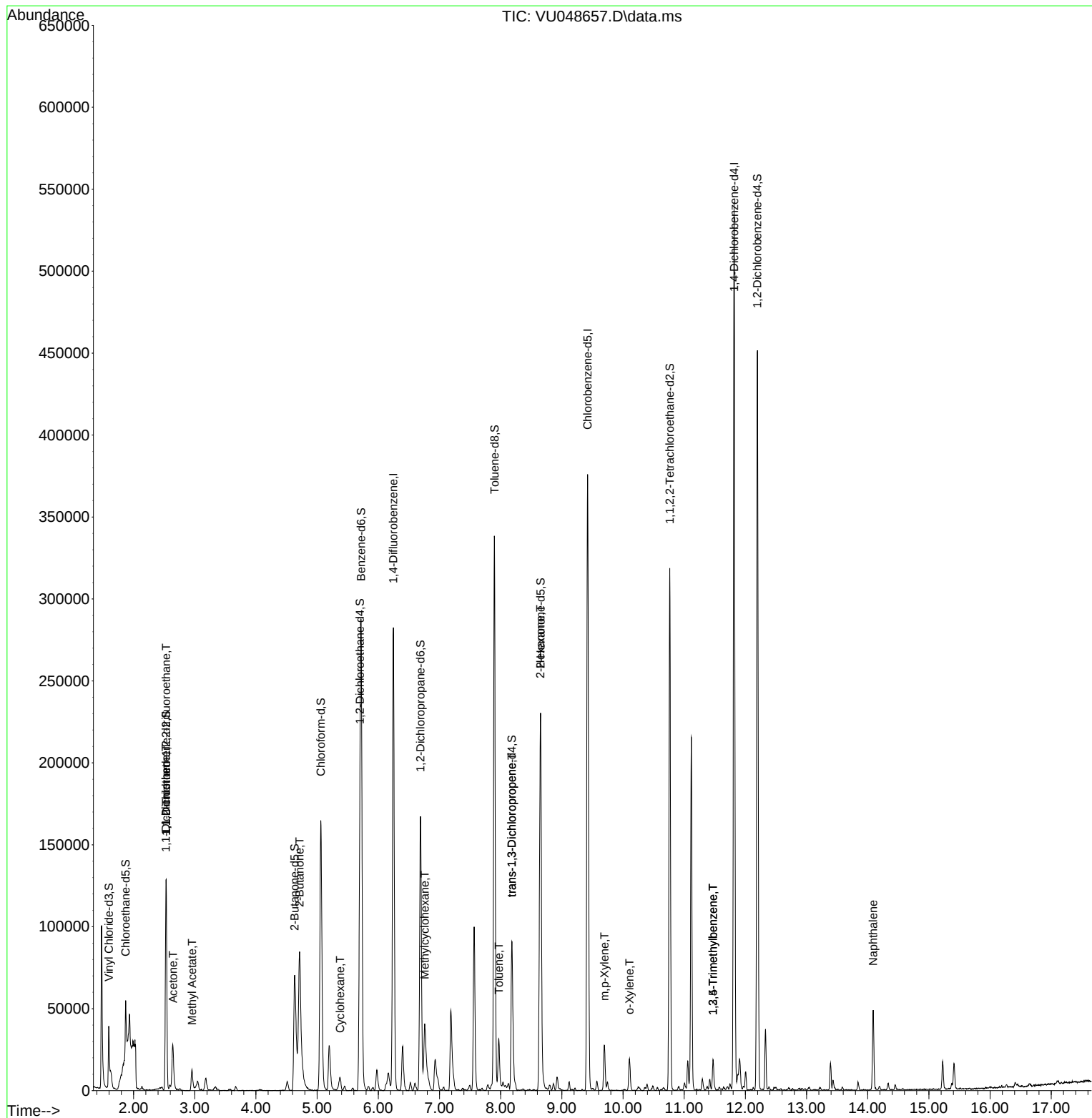
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	742	0.450 ug/L #	17
12) 1,1-Dichloroethene	2.527	96	549	0.359 ug/L #	1
13) Acetone	2.646	43	21182	19.034 ug/L	97
15) Methyl Acetate	2.954	43	15093	7.947 ug/L	98
22) 2-Butanone	4.713	43	139773	98.918 ug/L	100
29) Cyclohexane	5.375	56	3837	1.572 ug/L	89
35) Methylcyclohexane	6.758	83	14492	5.140 ug/L	96
42) Toluene	7.970	91	22411	2.961 ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2303	0.737 ug/L #	67
48) 2-Hexanone	8.649	43	16025	7.058 ug/L #	63
53) m,p-Xylene	9.697	106	8663	2.492 ug/L	100
54) o-Xylene	10.105	106	5541	1.664 ug/L	84
62) 1,3,5-Trimethylbenzene	11.472	105	10377	2.027 ug/L	87
63) 1,2,4-Trimethylbenzene	11.472	105	10377	1.304 ug/L	92
71) Naphthalene	14.089	128	39594	3.588 ug/L	98

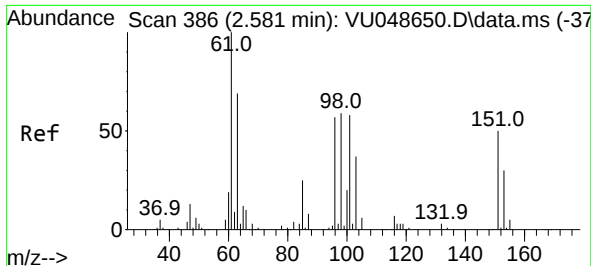
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
Data File : VU048657.D
Acq On : 23 May 2022 17:45
Operator : SY/MD
Sample : N2948-20ME
Misc : 4.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

Quant Time: May 24 02:56:12 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

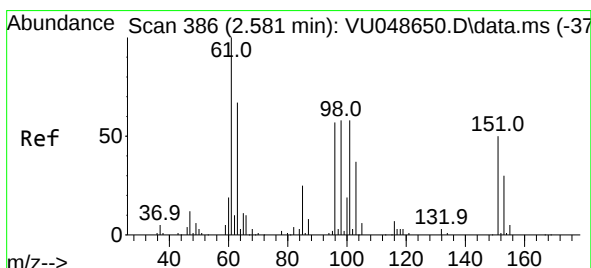
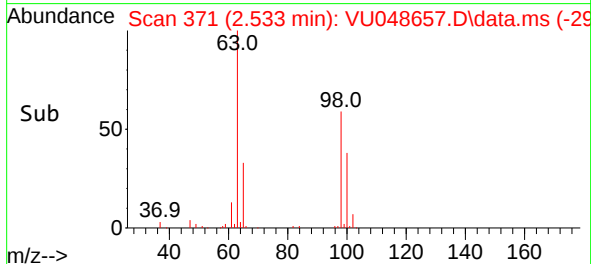
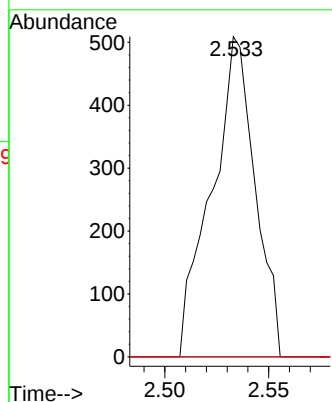
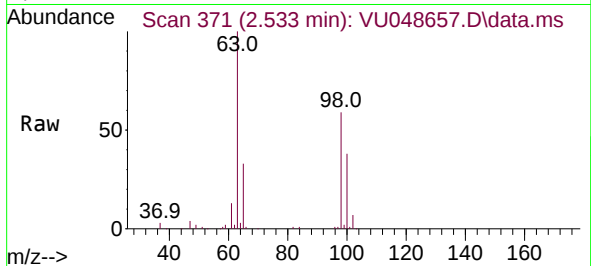




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.450 ug/L
RT: 2.533 min Scan# 31
Delta R.T. -0.048 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

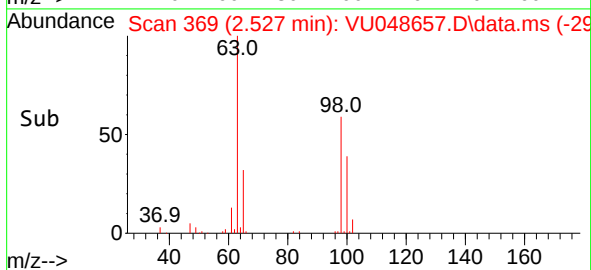
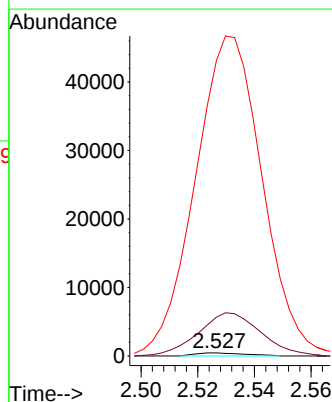
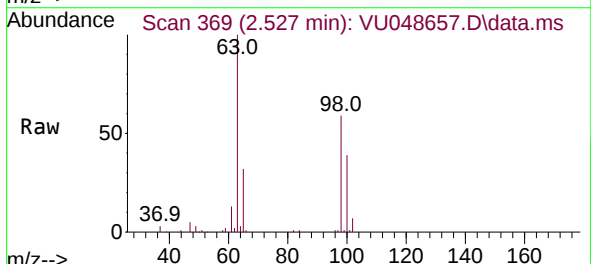
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

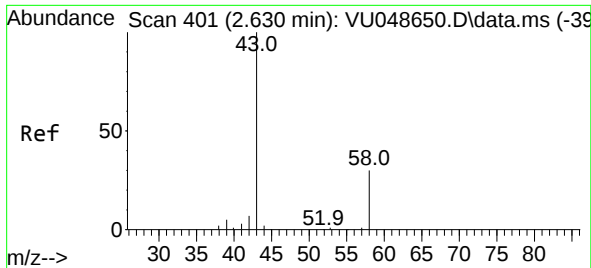
Tgt Ion:101 Resp: 742
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.359 ug/L
RT: 2.527 min Scan# 369
Delta R.T. -0.055 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Tgt Ion: 96 Resp: 549
Ion Ratio Lower Upper
96 100
61 1292.4 120.6 224.0#
63 9858.1 82.3 152.9#





#13

Acetone

Concen: 19.034 ug/L

RT: 2.646 min Scan# 401

Delta R.T. 0.016 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

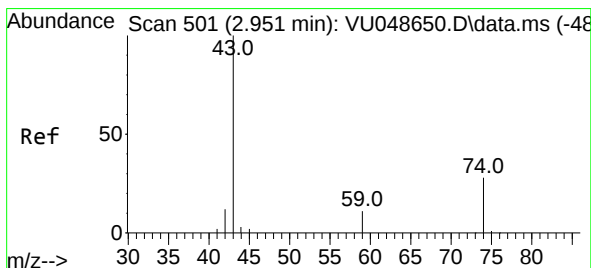
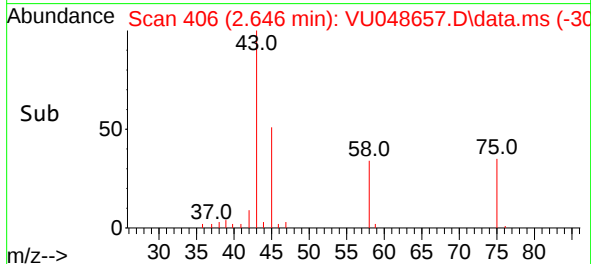
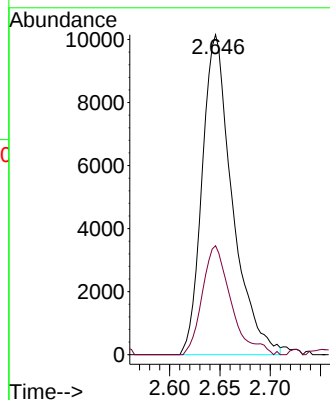
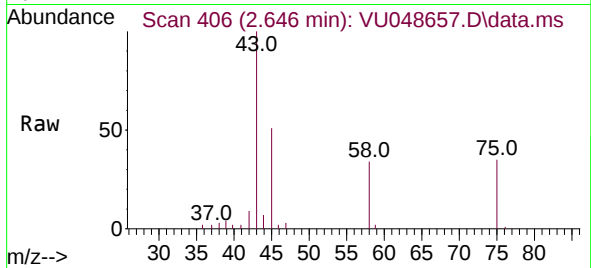
EXXZ9ME

Tgt Ion: 43 Resp: 21182

Ion Ratio Lower Upper

43 100

58 31.5 0.0 59.8



#15

Methyl Acetate

Concen: 7.947 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.003 min

Lab File: VU048657.D

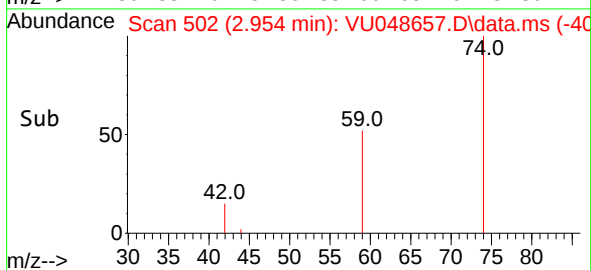
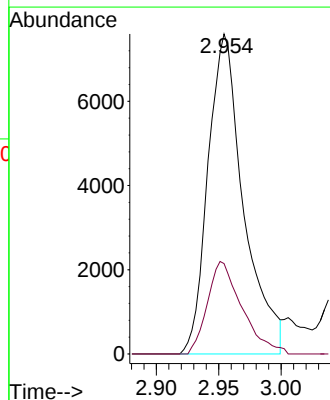
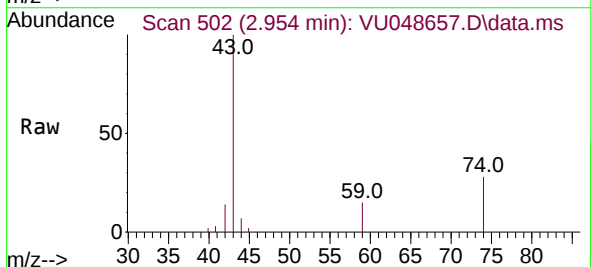
Acq: 23 May 2022 17:45

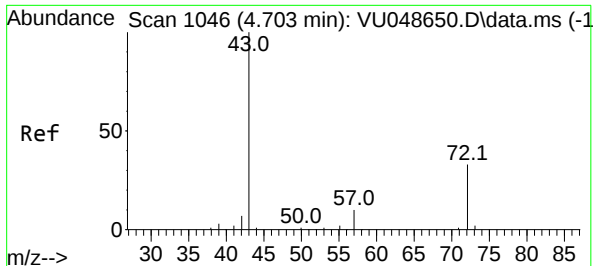
Tgt Ion: 43 Resp: 15093

Ion Ratio Lower Upper

43 100

74 28.0 21.7 32.5





#22

2-Butanone

Concen: 98.918 ug/L

RT: 4.713 min Scan# 110

Delta R.T. 0.010 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

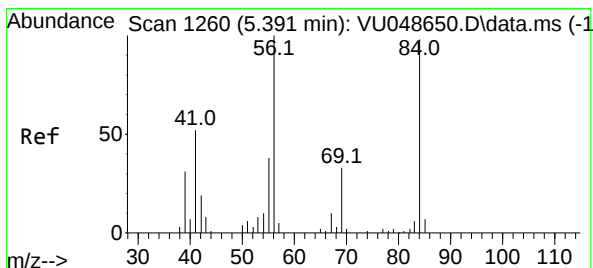
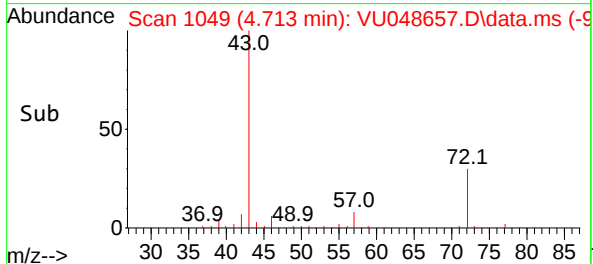
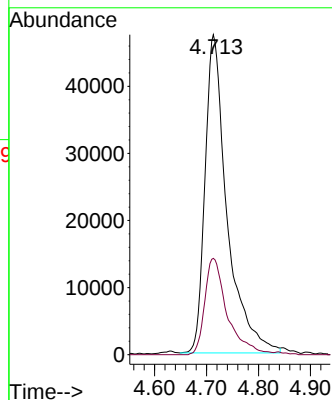
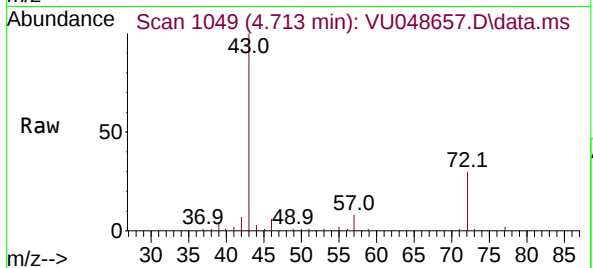
EXXZ9ME

Tgt Ion: 43 Resp: 139773

Ion Ratio Lower Upper

43 100

72 30.6 15.4 46.2



#29

Cyclohexane

Concen: 1.572 ug/L

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

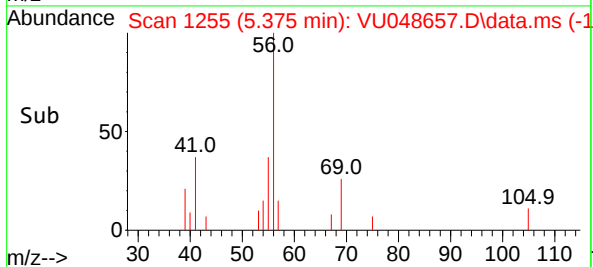
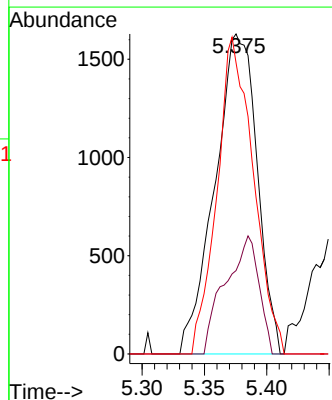
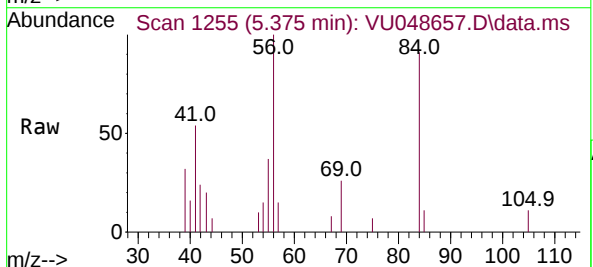
Tgt Ion: 56 Resp: 3837

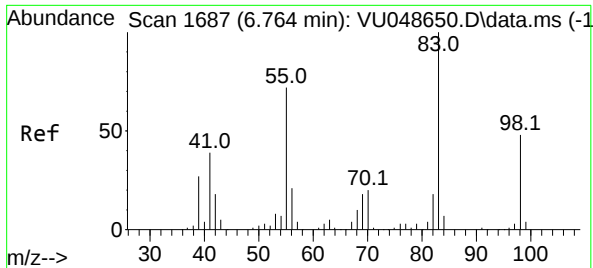
Ion Ratio Lower Upper

56 100

69 29.3 26.5 39.7

84 85.1 78.0 117.0

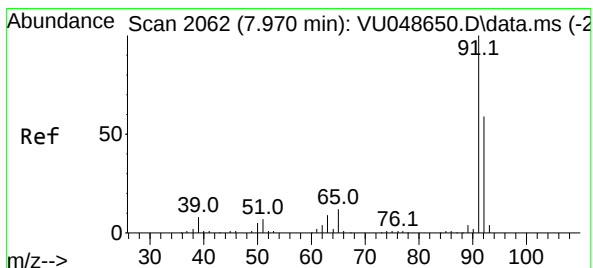
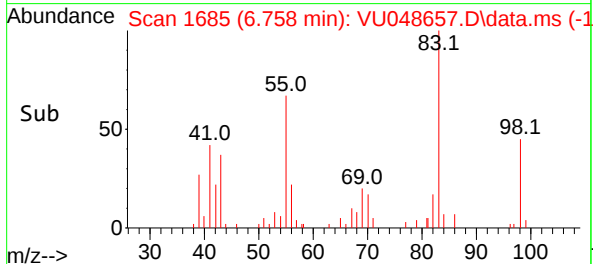
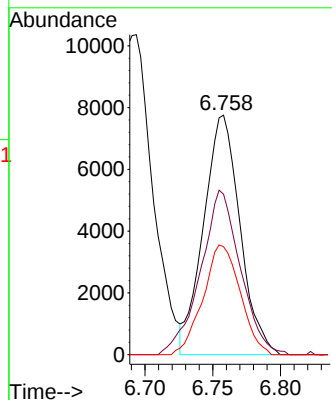
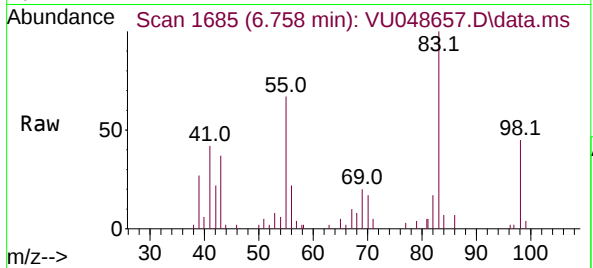




#35
Methylcyclohexane
Concen: 5.140 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

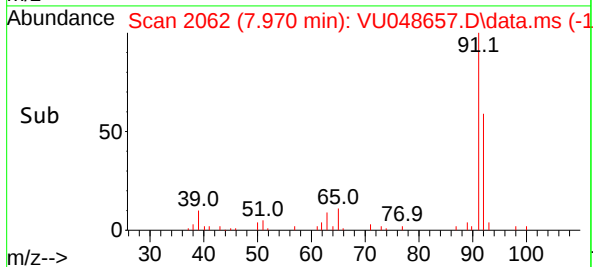
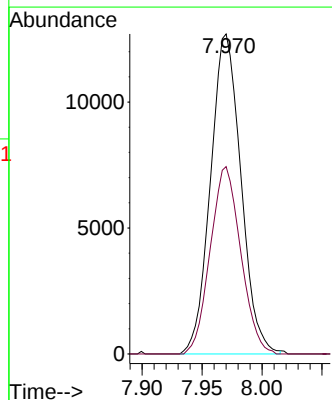
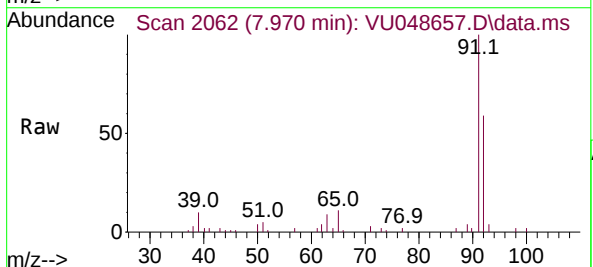
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

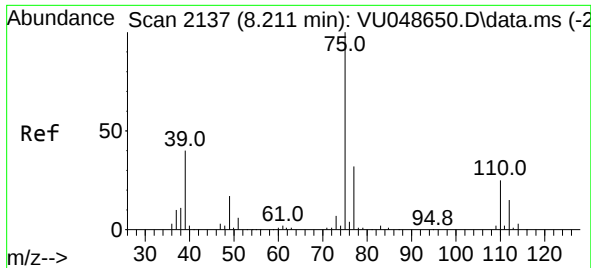
Tgt Ion: 83 Resp: 14492
Ion Ratio Lower Upper
83 100
55 74.9 56.2 84.4
98 46.7 38.2 57.2



#42
Toluene
Concen: 2.961 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Tgt Ion: 91 Resp: 22411
Ion Ratio Lower Upper
91 100
92 58.6 41.4 77.0

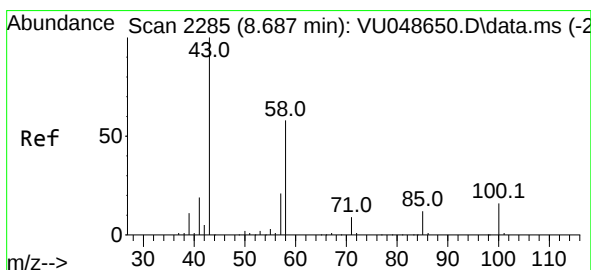
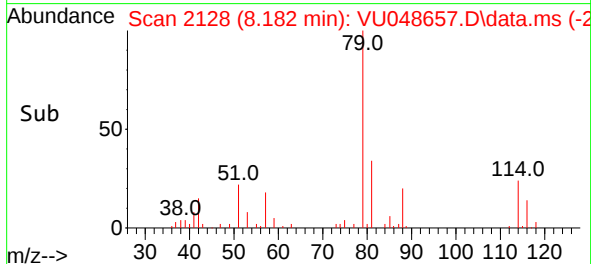
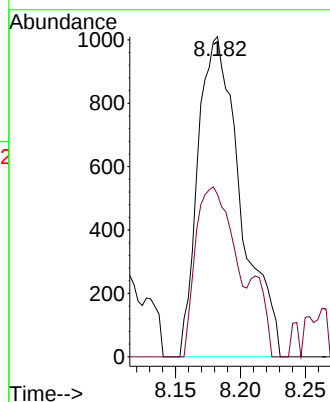
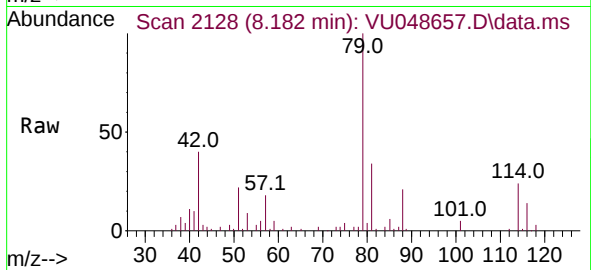




#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

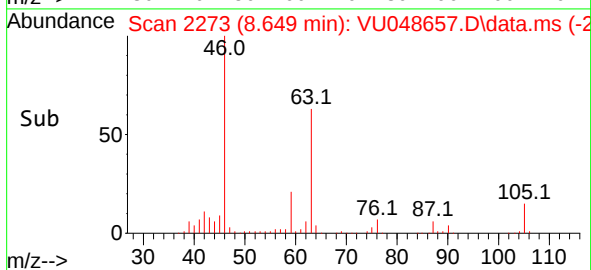
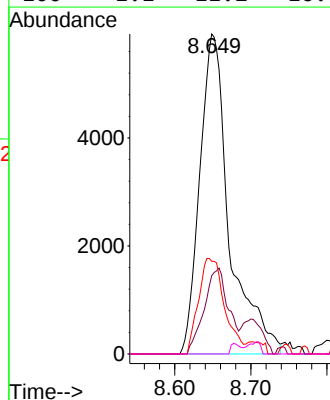
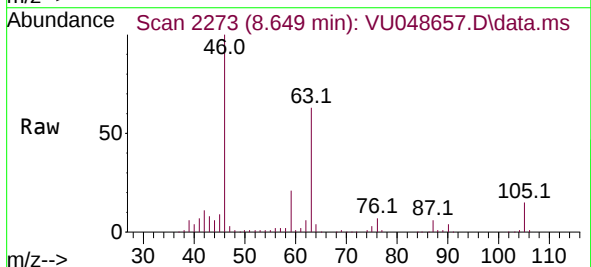
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

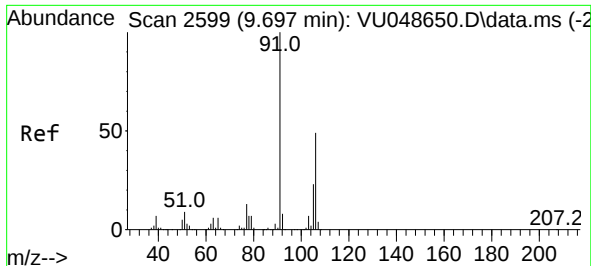
Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
77 50.7 22.7 42.1#



#48
2-Hexanone
Concen: 7.058 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.039 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Tgt Ion: 43 Resp: 16025
Ion Ratio Lower Upper
43 100
58 22.0 45.8 68.6#
57 15.9 16.8 25.2#
100 1.1 11.2 16.8#

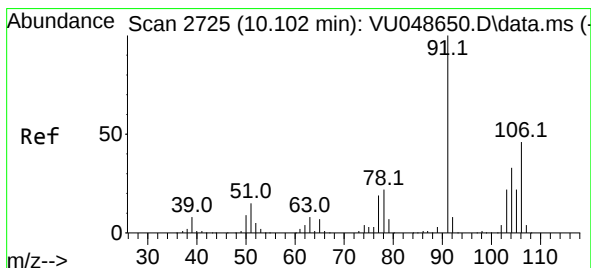
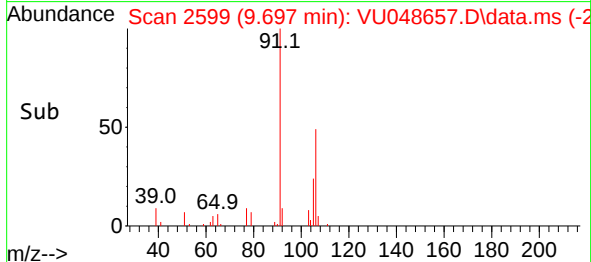
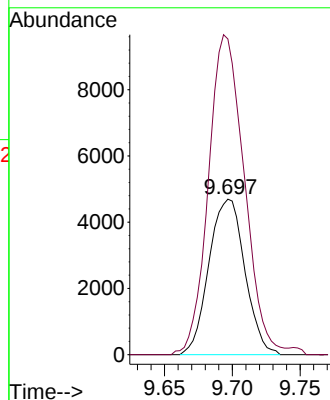
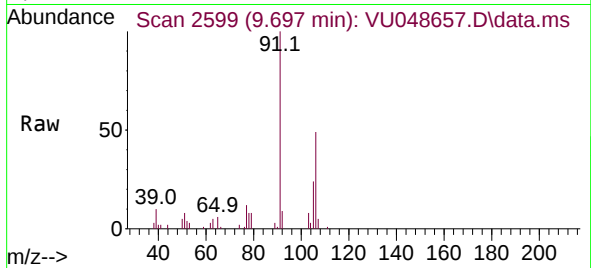




#53
m,p-Xylene
Concen: 2.492 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

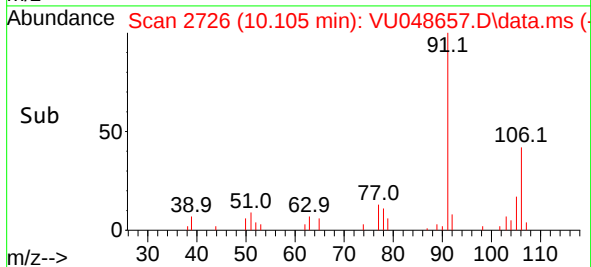
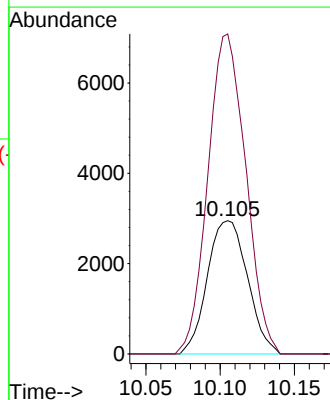
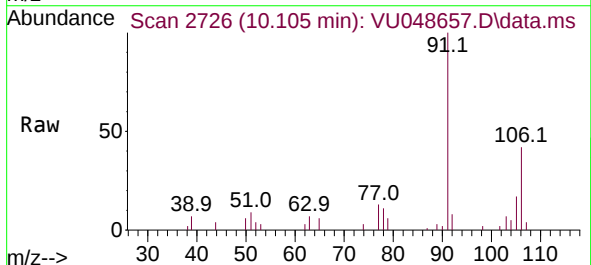
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

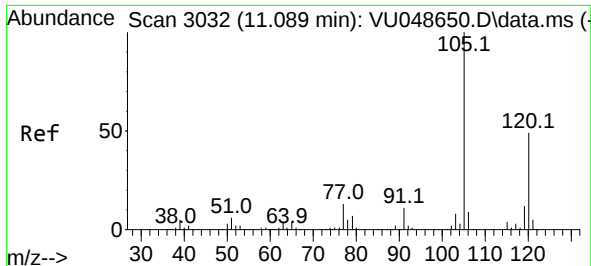
Tgt Ion:106 Resp: 8663
Ion Ratio Lower Upper
106 100
91 203.1 141.8 263.4



#54
o-Xylene
Concen: 1.664 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Tgt Ion:106 Resp: 5541
Ion Ratio Lower Upper
106 100
91 240.0 150.1 278.9





#62

1,3,5-Trimethylbenzene

Concen: 2.027 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.383 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

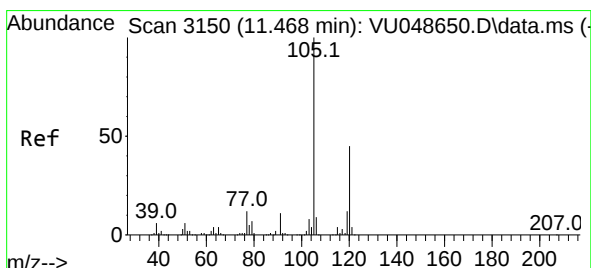
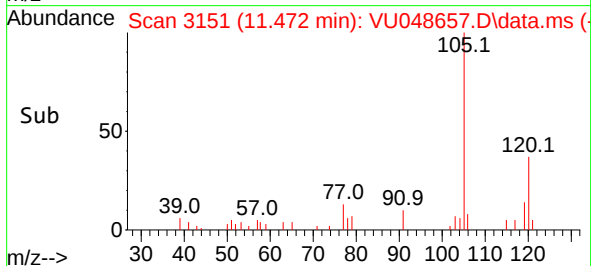
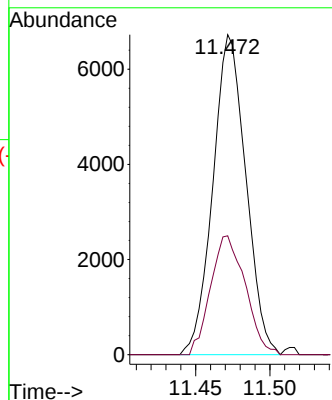
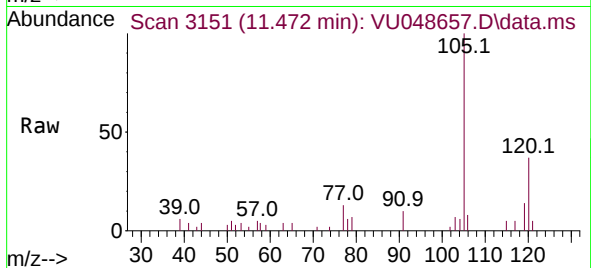
EXXZ9ME

Tgt Ion:105 Resp: 10377

Ion Ratio Lower Upper

105 100

120 39.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 1.304 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU048657.D

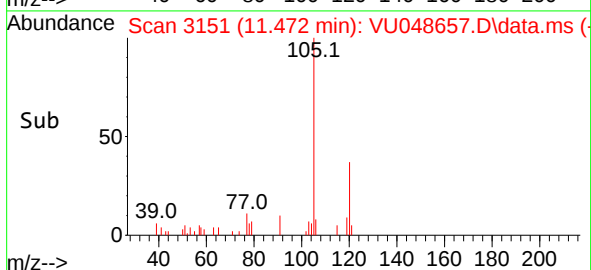
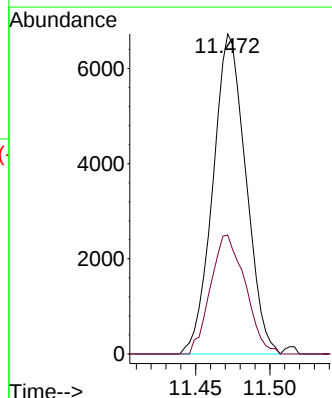
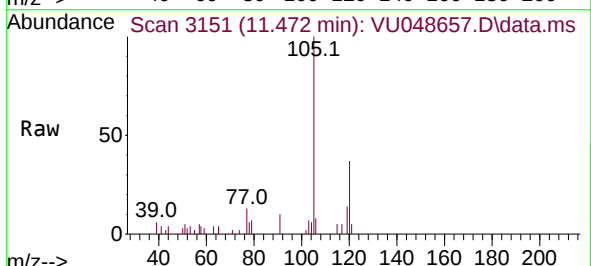
Acq: 23 May 2022 17:45

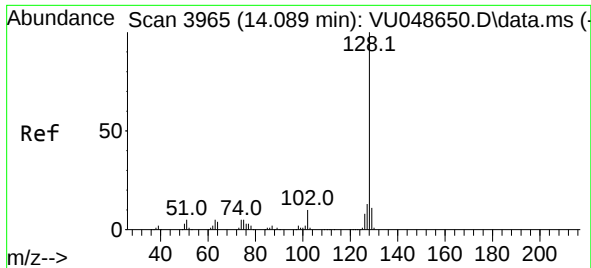
Tgt Ion:105 Resp: 10377

Ion Ratio Lower Upper

105 100

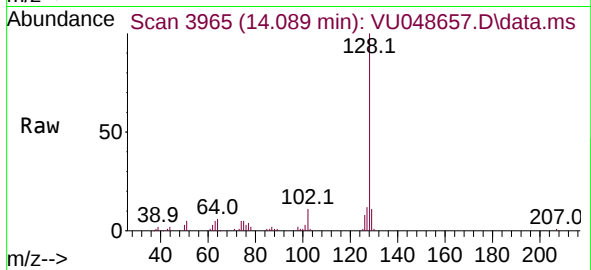
120 39.0 35.4 53.2





#71
Naphthalene
Concen: 3.588 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	16.0
129	10.7	8.8	13.2

