

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049384.D
 Acq On : 24 Jun 2022 13:32
 Operator : SY/MD
 Sample : N3374-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4T7

Quant Time: Jun 25 00:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	105820	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	101950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25049	2.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.916	69	22072	3.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.568	65	11744	3.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.642	46	122820	49.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.500%
24) Chloroform-d	5.067	84	66388	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.703	65	39876	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.729	84	126378	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.690	67	47063	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	110706	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.182	79	14407	3.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.636	63	87017	46.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42842	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	48973	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	1336	0.148	ug/L	94
3) Chloromethane	1.523	50	3527	0.356	ug/L #	69
8) Chloroethane	1.935	64	1364	0.265	ug/L #	64
13) Acetone	2.652	43	47988	39.273	ug/L	94
14) Carbon disulfide	2.793	76	3379	0.172	ug/L	98
15) Methyl Acetate	3.192	43	2564	0.785	ug/L #	57
17) Methyl tert-butyl Ether	3.366	73	24224	1.346	ug/L #	81
22) cis-1,2-Dichloroethene	4.681	96	572	0.078	ug/L #	41
30) Cyclohexane	5.391	56	1791	0.129	ug/L #	82
33) Benzene	5.780	78	9651	0.318	ug/L	100
42) Toluene	7.970	91	13081	0.407	ug/L	97
50) 1,2-Dibromoethane	9.012	107	486	0.090	ug/L #	7
54) o-Xylene	10.105	106	1668	0.129	ug/L	90
60) Isopropylbenzene	10.484	105	7041	0.193	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	3098	0.096	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	1697	0.110	ug/L	91
71) Naphthalene	14.089	128	6538	0.353	ug/L	97

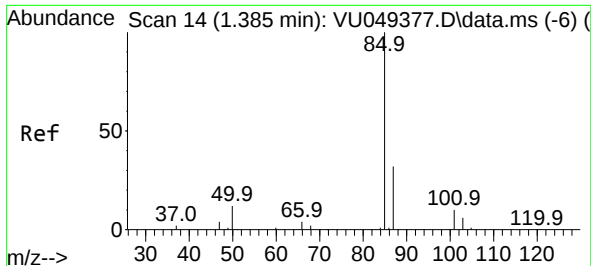
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
Data File : VU049384.D
Acq On : 24 Jun 2022 13:32
Operator : SY/MD
Sample : N3374-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4T7

Quant Time: Jun 25 00:16:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 00:13:49 2022
Response via : Initial Calibration

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

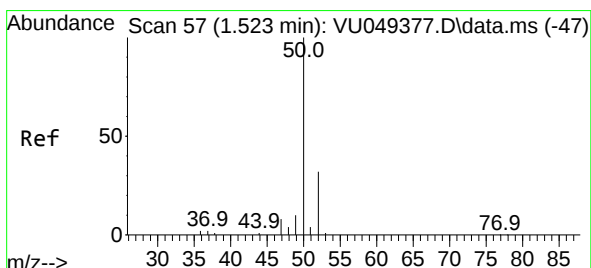
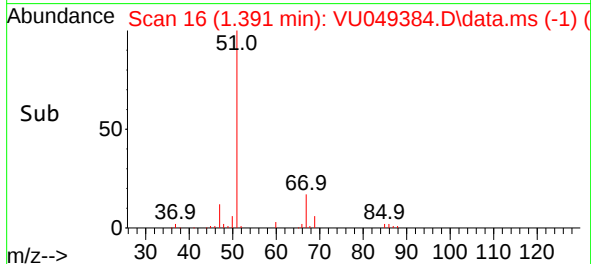
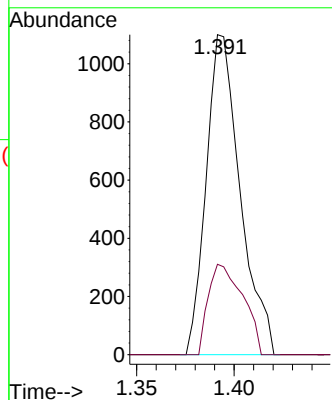
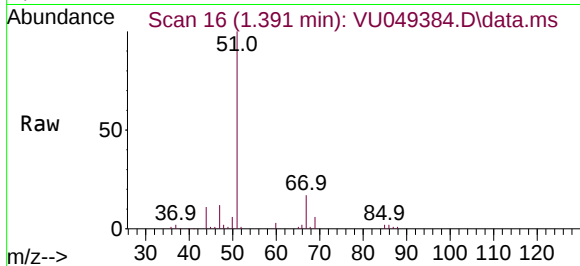
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2
Dichlorodifluoromethane
Concen: 0.148 ug/L
RT: 1.391 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

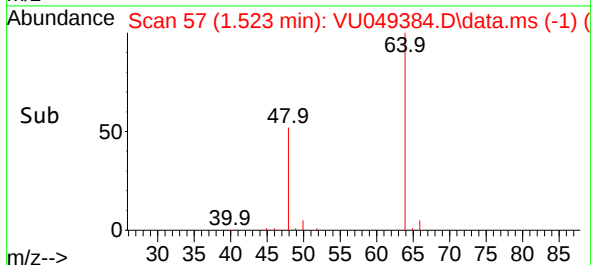
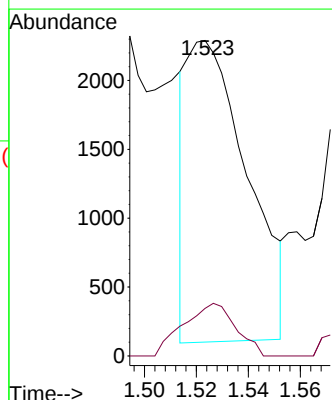
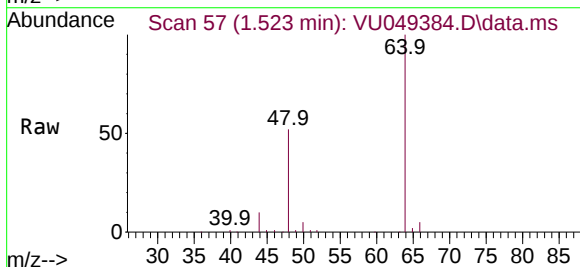
Instrument :
MSVOA_U
ClientSampleId :
EW4T7

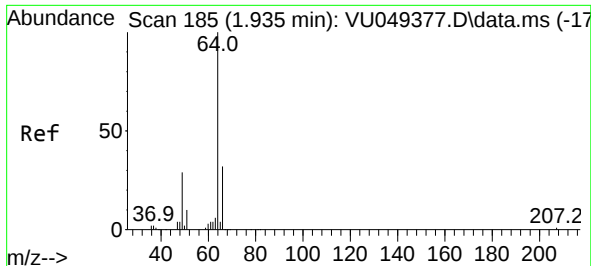
Tgt Ion: 85 Resp: 1336
Ion Ratio Lower Upper
85 100
87 28.7 25.5 38.3



#3
Chloromethane
Concen: 0.356 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion: 50 Resp: 3527
Ion Ratio Lower Upper
50 100
52 15.1 22.7 42.1#

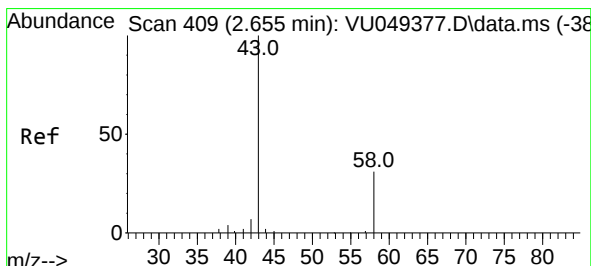
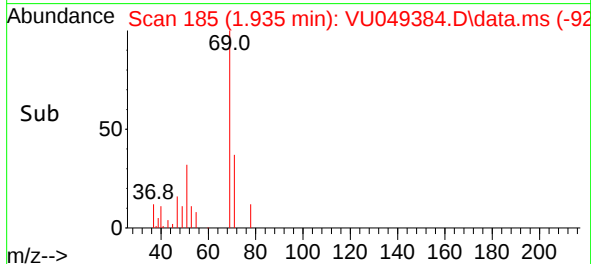
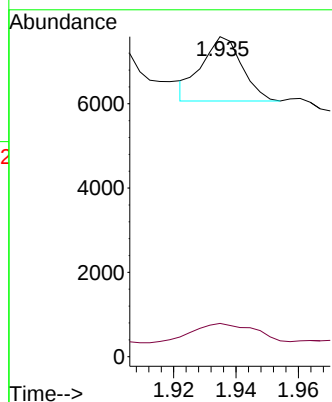
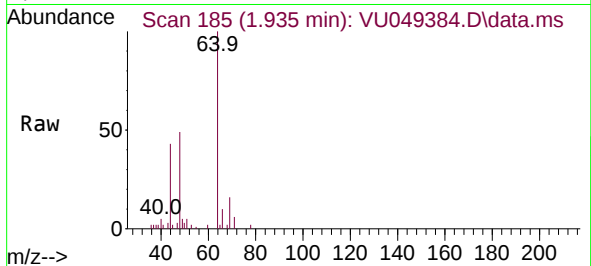




#8
Chloroethane
Concen: 0.265 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

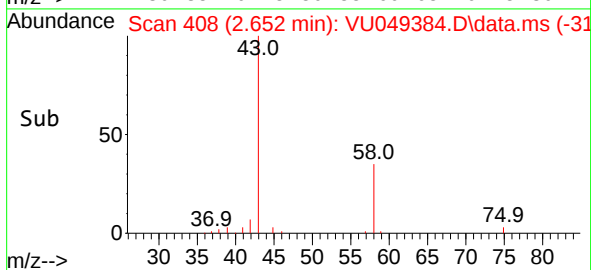
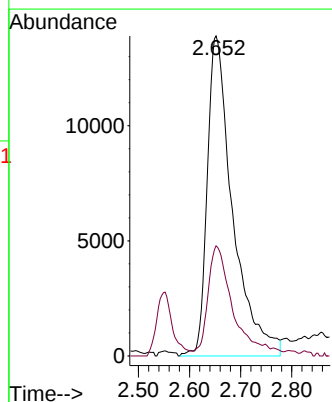
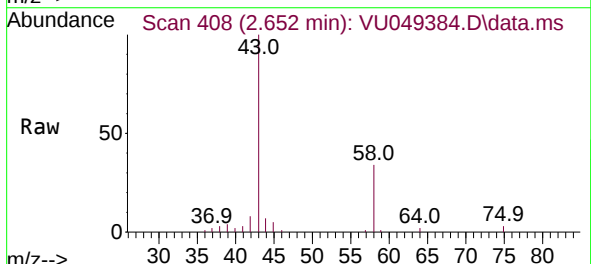
Instrument :
MSVOA_U
ClientSampleId :
EW4T7

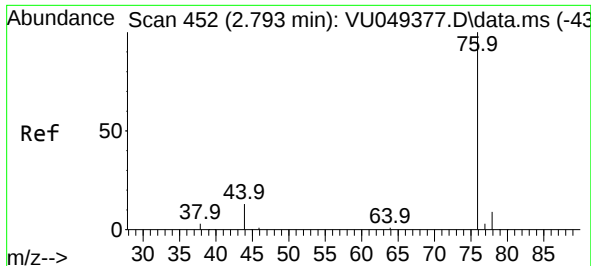
Tgt Ion: 64 Resp: 1364
Ion Ratio Lower Upper
64 100
66 10.4 20.9 38.9#



#13
Acetone
Concen: 39.273 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion: 43 Resp: 47988
Ion Ratio Lower Upper
43 100
58 29.3 0.0 65.8

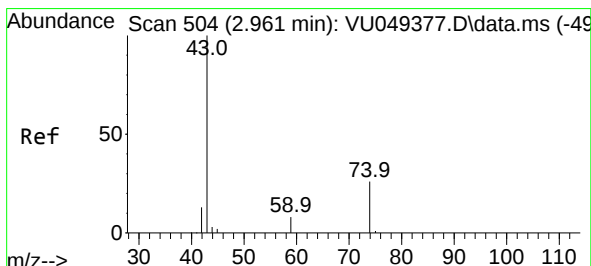
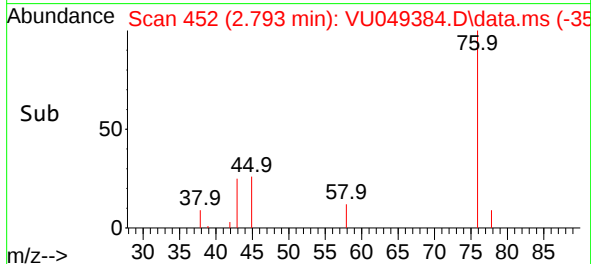
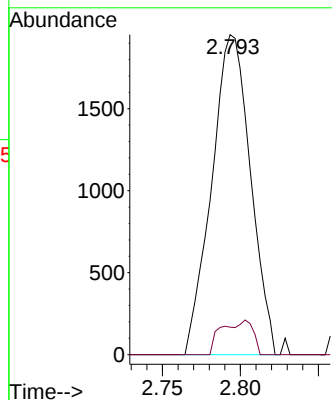
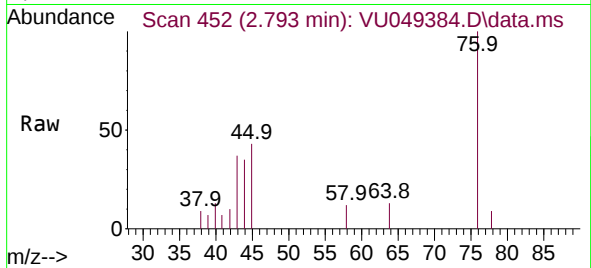




#14
Carbon disulfide
Concen: 0.172 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

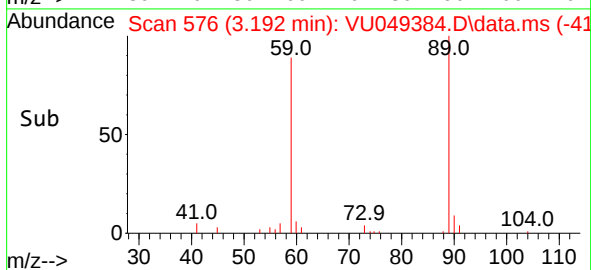
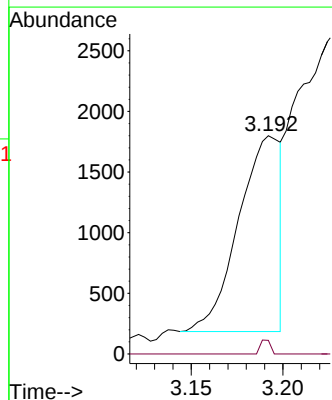
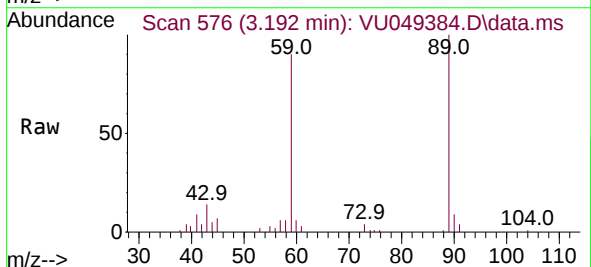
Instrument :
MSVOA_U
ClientSampleId :
EW4T7

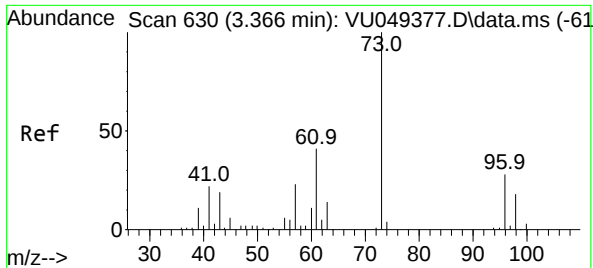
Tgt Ion: 76 Resp: 3379
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#15
Methyl Acetate
Concen: 0.785 ug/L
RT: 3.192 min Scan# 576
Delta R.T. 0.231 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
74 1.7 17.6 26.4#





#17

Methyl tert-butyl Ether

Concen: 1.346 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW4T7

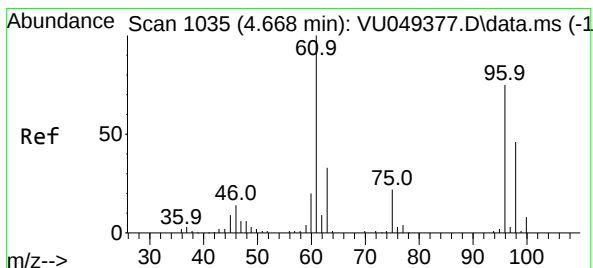
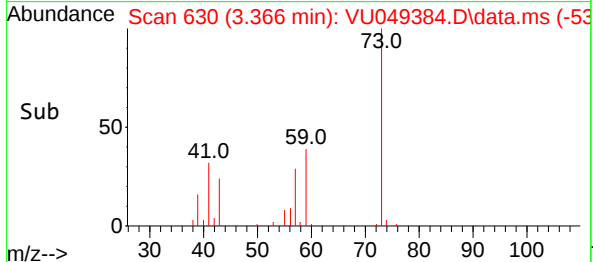
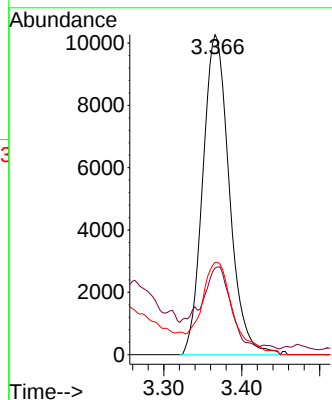
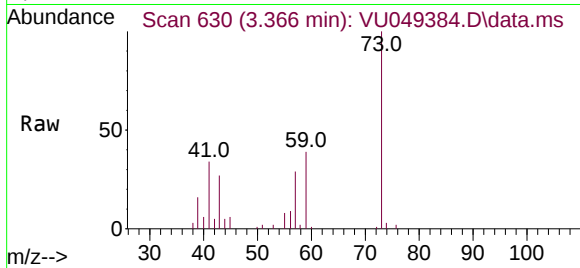
Tgt Ion: 73 Resp: 24224

Ion Ratio Lower Upper

73 100

43 29.6 16.5 24.7#

57 32.0 18.6 27.8#



#22

cis-1,2-Dichloroethene

Concen: 0.078 ug/L

RT: 4.681 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

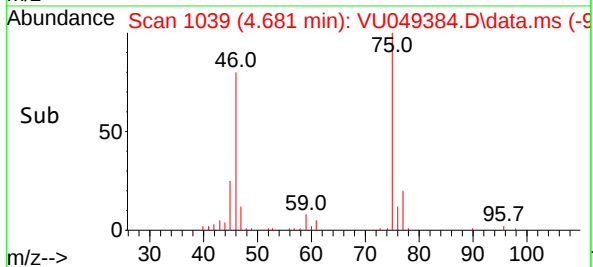
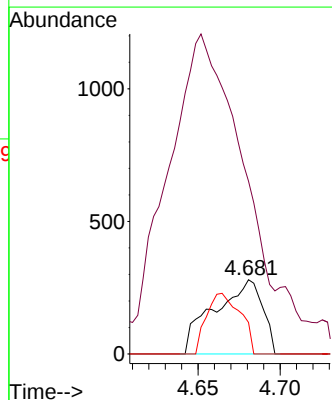
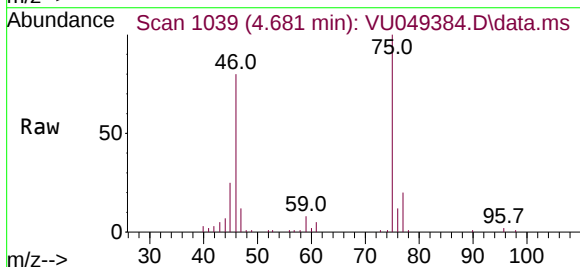
Tgt Ion: 96 Resp: 572

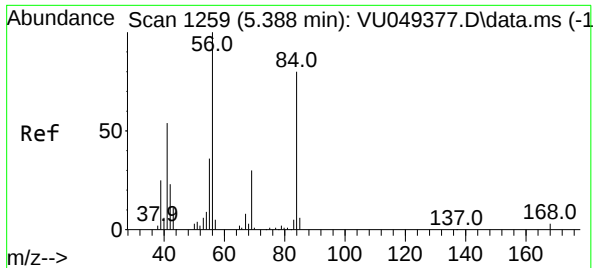
Ion Ratio Lower Upper

96 100

61 232.9 99.5 184.9#

98 42.5 44.8 83.2#





#30

Cyclohexane

Concen: 0.129 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW4T7

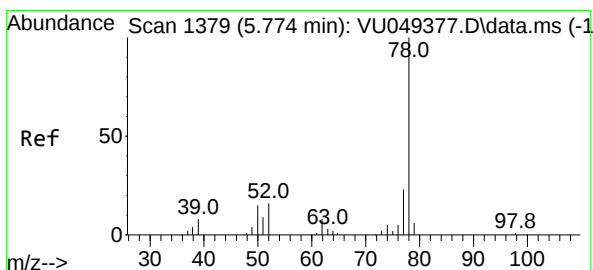
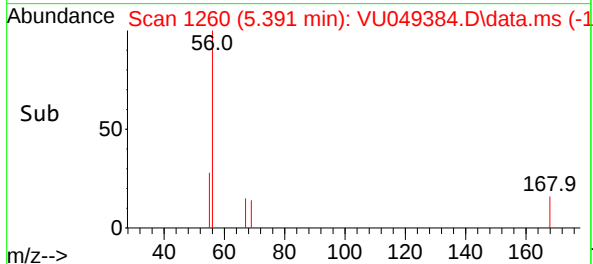
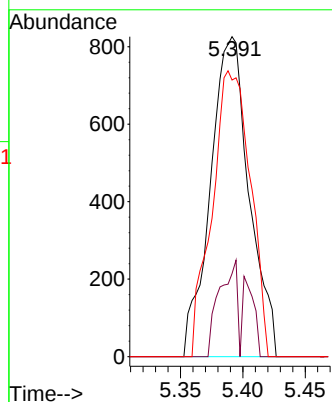
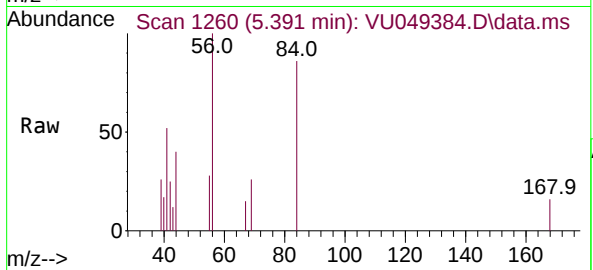
Tgt Ion: 56 Resp: 1791

Ion Ratio Lower Upper

56 100

69 13.7 23.8 35.6#

84 87.9 61.2 91.8



#33

Benzene

Concen: 0.318 ug/L

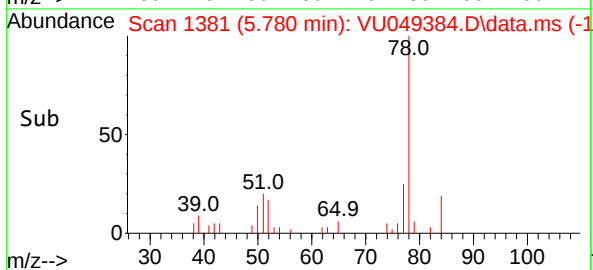
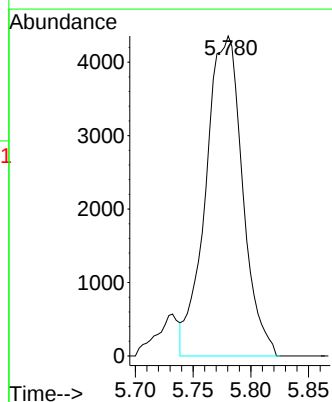
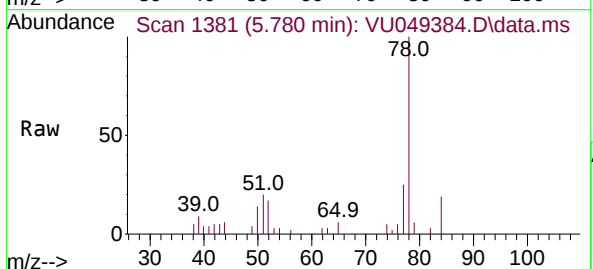
RT: 5.780 min Scan# 1381

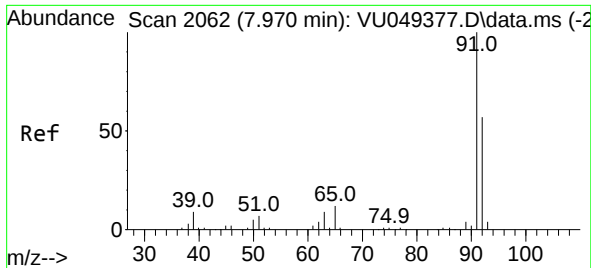
Delta R.T. 0.006 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Tgt Ion: 78 Resp: 9651





#42

Toluene

Concen: 0.407 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

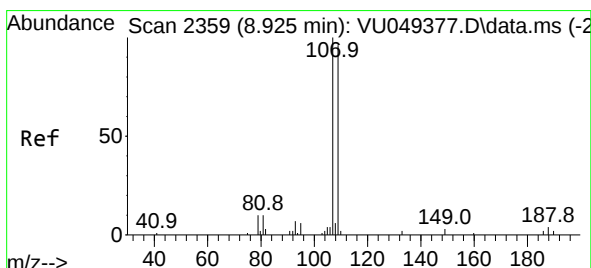
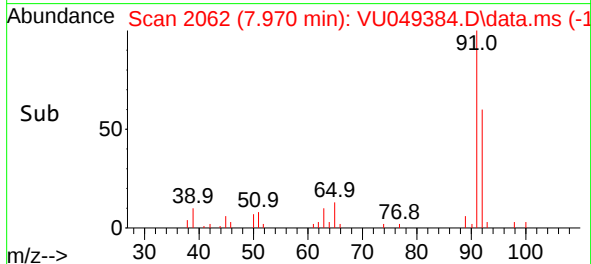
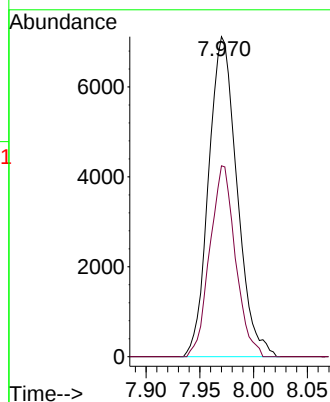
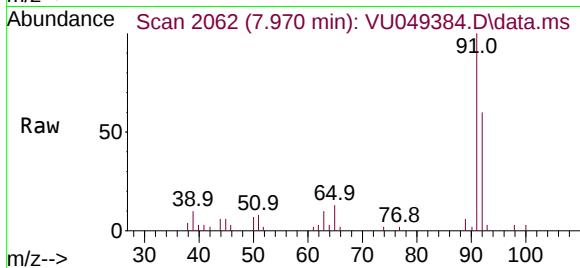
EW4T7

Tgt Ion: 91 Resp: 13081

Ion Ratio Lower Upper

91 100

92 59.7 40.0 74.2



#50

1,2-Dibromoethane

Concen: 0.090 ug/L

RT: 9.012 min Scan# 2386

Delta R.T. 0.087 min

Lab File: VU049384.D

Acq: 24 Jun 2022 13:32

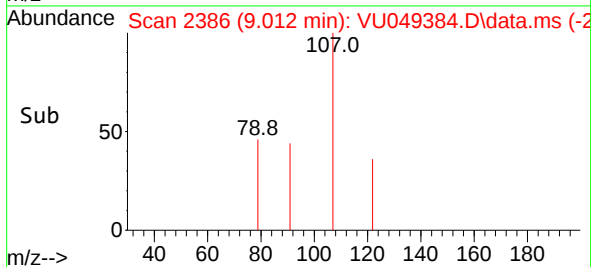
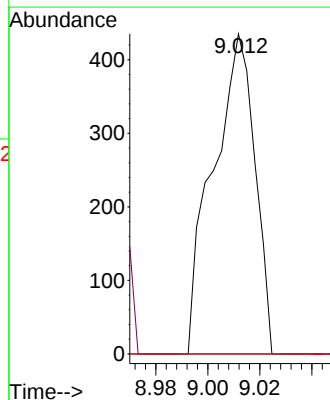
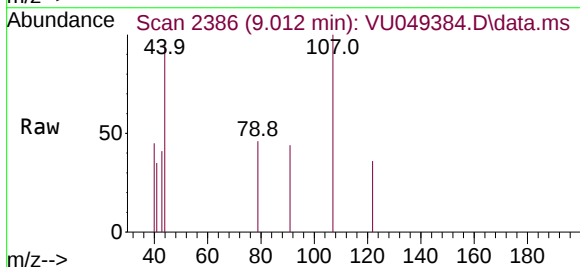
Tgt Ion: 107 Resp: 486

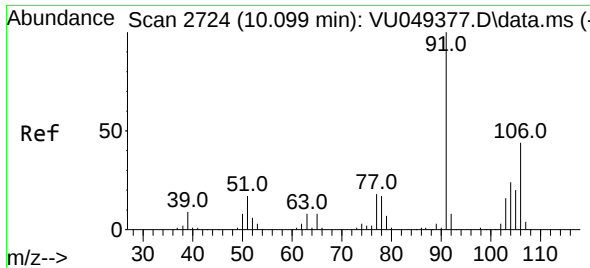
Ion Ratio Lower Upper

107 100

109 0.0 64.4 119.6#

188 0.0 2.9 4.3#

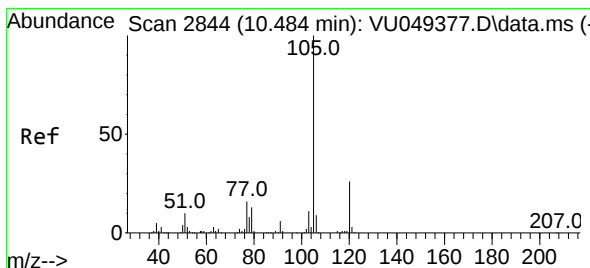
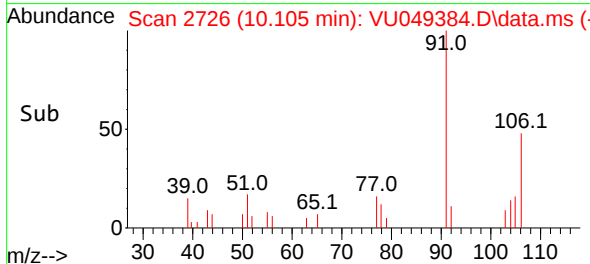
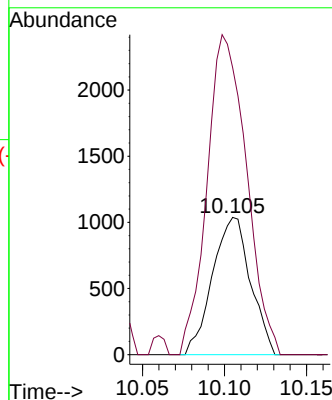
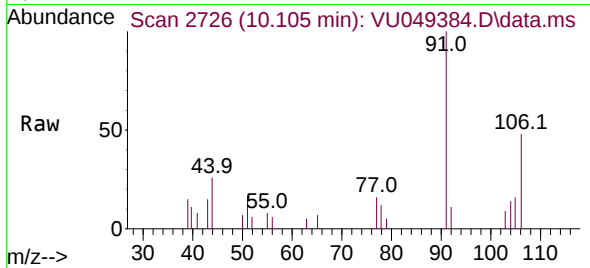




#54
o-Xylene
Concen: 0.129 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

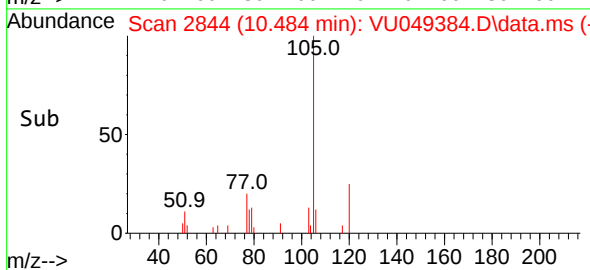
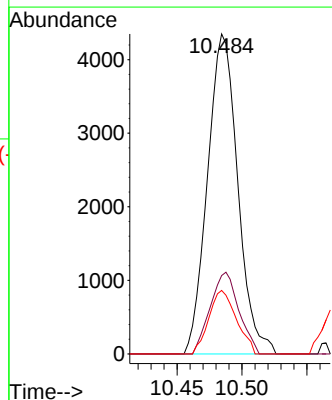
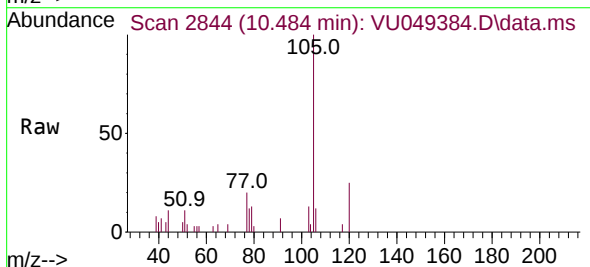
Instrument :
MSVOA_U
ClientSampleId :
EW4T7

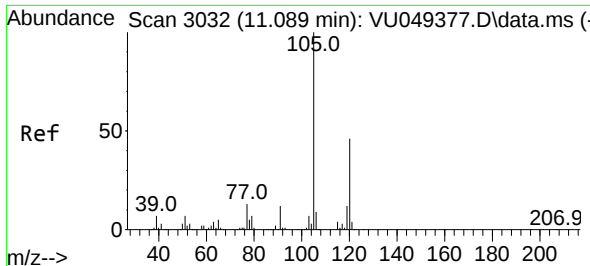
Tgt Ion:106 Resp: 1668
Ion Ratio Lower Upper
106 100
91 209.2 157.5 292.5



#60
Isopropylbenzene
Concen: 0.193 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049384.D
Acq: 24 Jun 2022 13:32

Tgt Ion:105 Resp: 7041
Ion Ratio Lower Upper
105 100
120 24.2 20.3 30.5
77 18.1 13.0 19.6

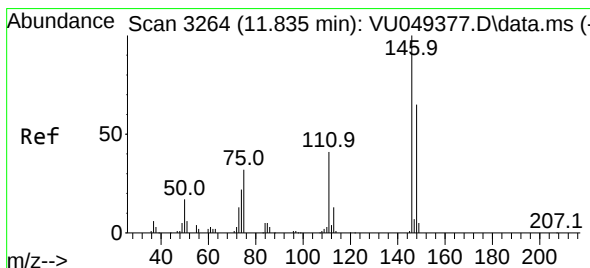
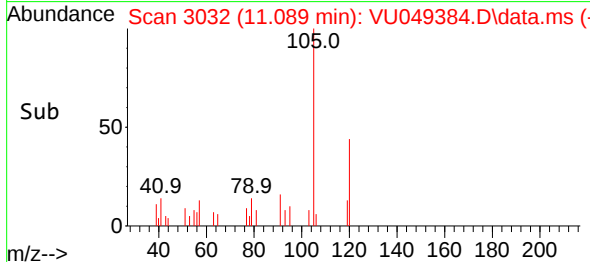
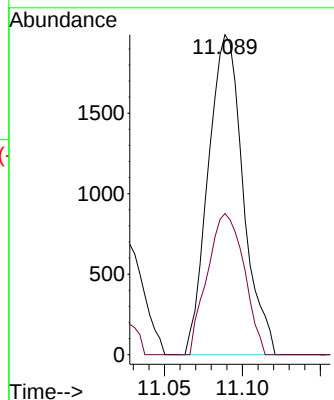
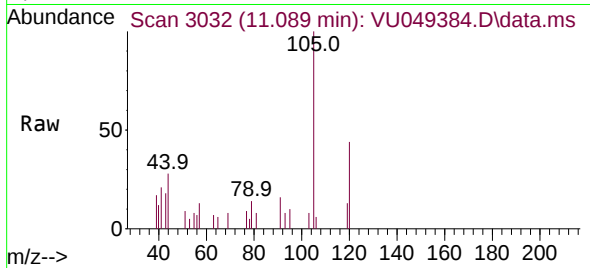




#62
 1,3,5-Trimethylbenzene
 Concen: 0.096 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049384.D
 Acq: 24 Jun 2022 13:32

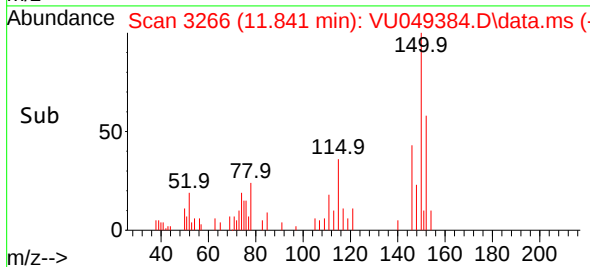
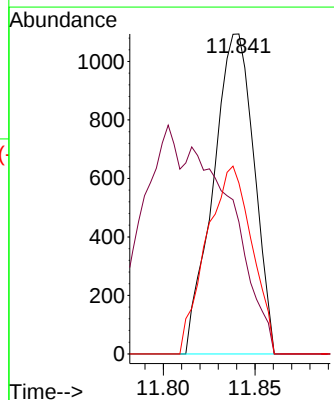
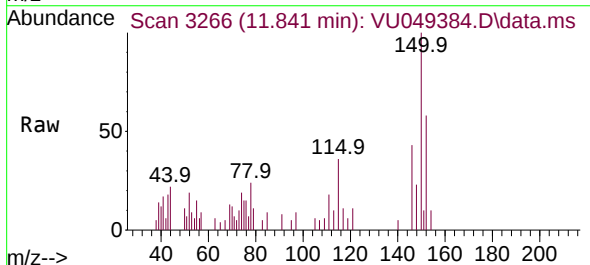
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4T7

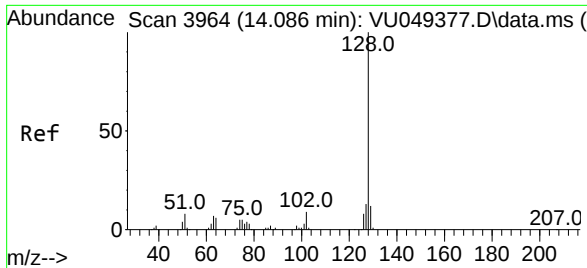
Tgt Ion:105 Resp: 3098
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.8 56.6



#65
 1,4-Dichlorobenzene
 Concen: 0.110 ug/L
 RT: 11.841 min Scan# 3266
 Delta R.T. 0.006 min
 Lab File: VU049384.D
 Acq: 24 Jun 2022 13:32

Tgt Ion:146 Resp: 1697
 Ion Ratio Lower Upper
 146 100
 111 41.2 29.8 55.4
 148 53.4 44.7 83.1





#71

Naphthalene

Concen: 0.353 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU049384.D

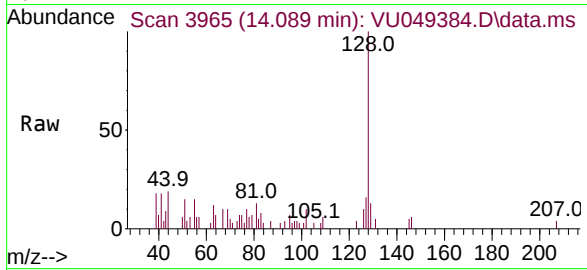
Acq: 24 Jun 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW4T7



Tgt Ion:128 Resp: 6538

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 14.5 10.2 15.4

