

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049182.D
 Acq On : 15 Jun 2022 19:55
 Operator : SY/MD
 Sample : N3285-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q6

Quant Time: Jun 16 04:52:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	121906	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44697	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.912	69	34692	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.565	65	18676	4.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.636	46	173003	60.828	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.660%
24) Chloroform-d	5.063	84	84419	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.703	65	48508	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.729	84	169947	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.694	67	58299	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	151445	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.182	79	23256	4.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.636	63	122828	59.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49414	5.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	57091	5.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.986	64	559	0.094	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	402	0.057	ug/L #	21
13) Acetone	2.649	43	10452	7.425	ug/L	96
21) 2-Butanone	4.729	43	8545	3.184	ug/L	81
27) 1,2-Dichloroethane	5.732	62	970	0.098	ug/L #	74
33) Benzene	5.771	78	5747	0.172	ug/L	100
35) Methylcyclohexane	6.694	83	12999	0.907	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6259	0.681	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1658	0.119	ug/L #	53
42) Toluene	7.970	91	82030	2.313	ug/L	100
50) 1,2-Dibromoethane	8.931	107	595	0.100	ug/L #	79
52) Ethylbenzene	9.571	91	6094	0.157	ug/L	98
53) m,p-Xylene	9.693	106	10125	0.703	ug/L	95
54) o-Xylene	10.102	106	4358	0.305	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	7429	1.172	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.471	105	7411	0.220	ug/L	92
71) Naphthalene	14.092	128	5031	0.258	ug/L #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
Data File : VU049182.D
Acq On : 15 Jun 2022 19:55
Operator : SY/MD
Sample : N3285-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

Quant Time: Jun 16 04:52:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:45:30 2022
Response via : Initial Calibration

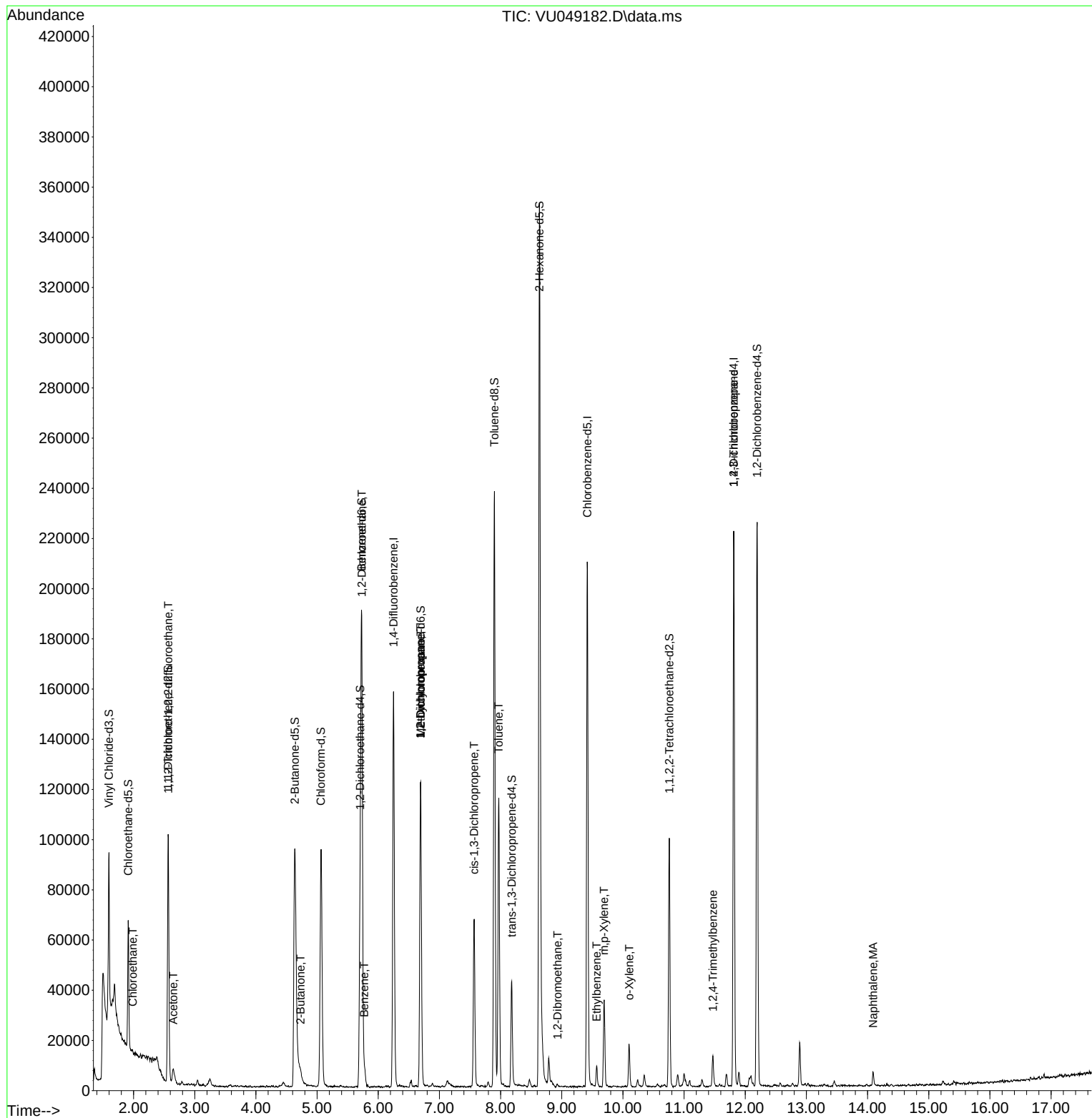
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

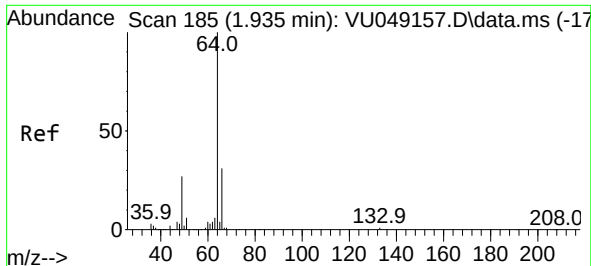
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
Data File : VU049182.D
Acq On : 15 Jun 2022 19:55
Operator : SY/MD
Sample : N3285-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

Quant Time: Jun 16 04:52:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:45:30 2022
Response via : Initial Calibration

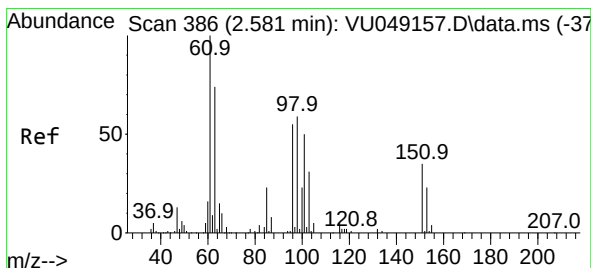
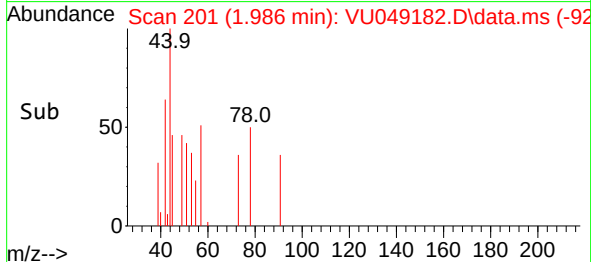
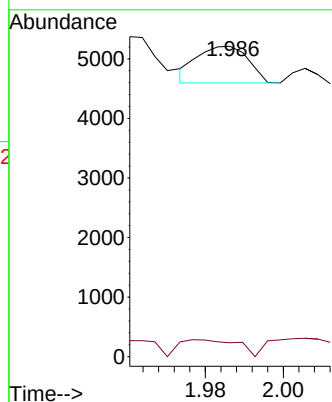
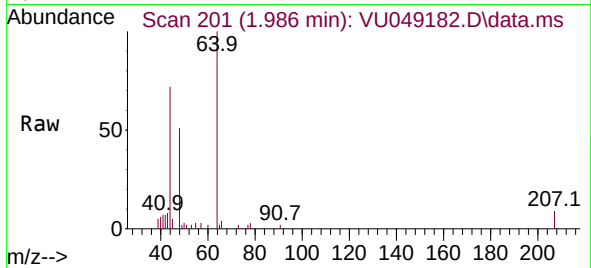




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.986 min Scan# 20
Delta R.T. 0.051 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

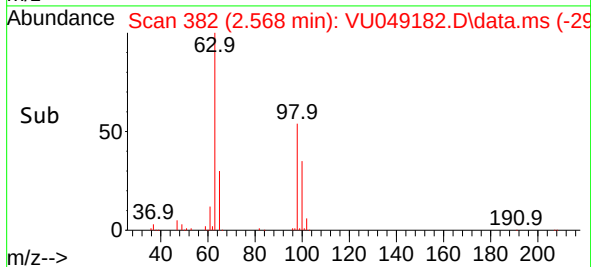
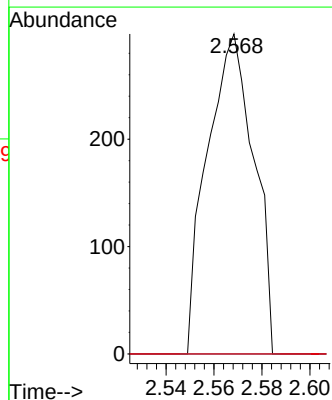
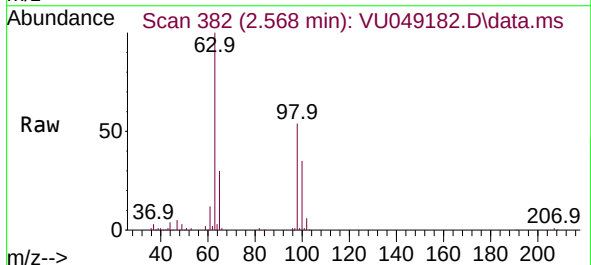
Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

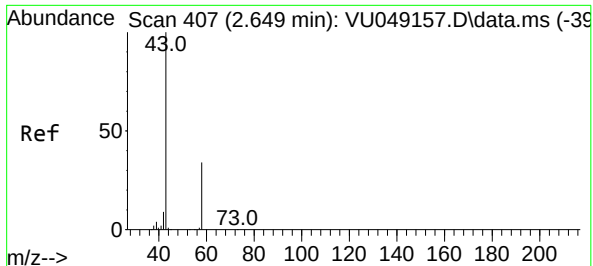
Tgt Ion: 64 Resp: 559
Ion Ratio Lower Upper
64 100
66 4.5 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

Tgt Ion: 101 Resp: 402
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 7.425 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU049182.D

Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

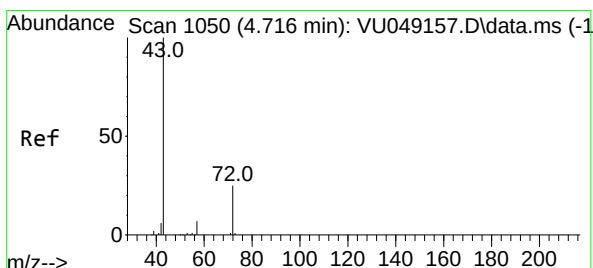
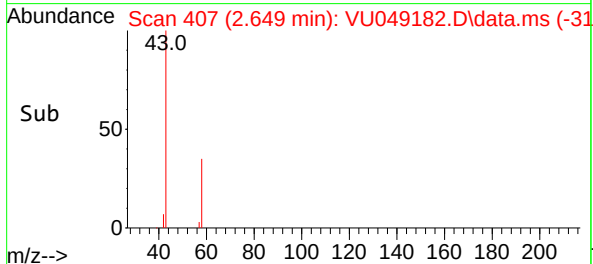
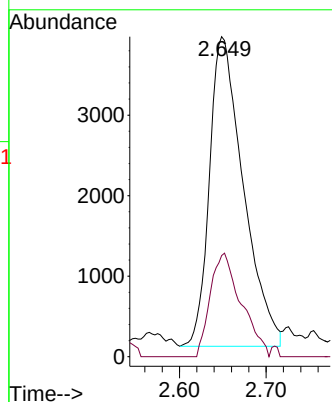
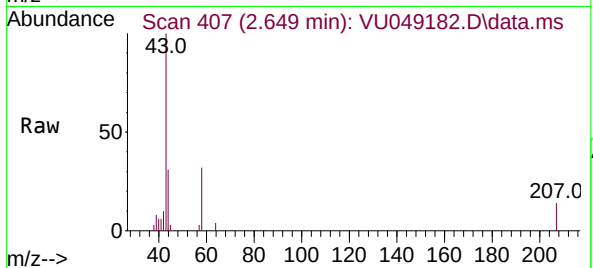
EW4Q6

Tgt Ion: 43 Resp: 10452

Ion Ratio Lower Upper

43 100

58 30.6 0.0 65.8



#21

2-Butanone

Concen: 3.184 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.013 min

Lab File: VU049182.D

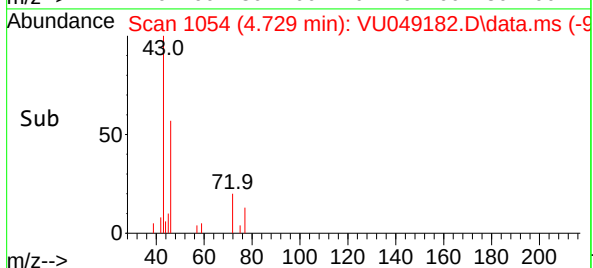
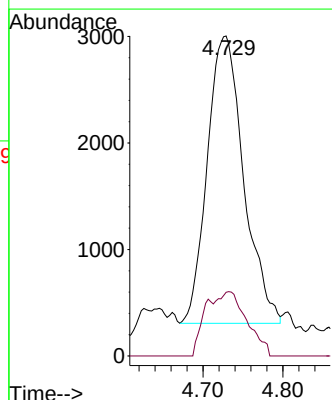
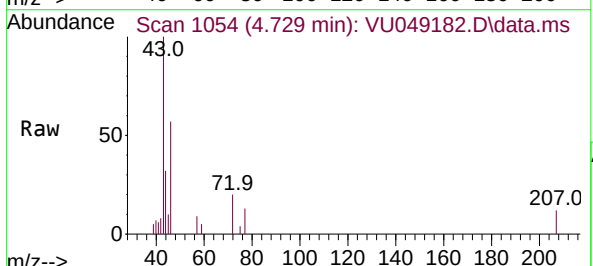
Acq: 15 Jun 2022 19:55

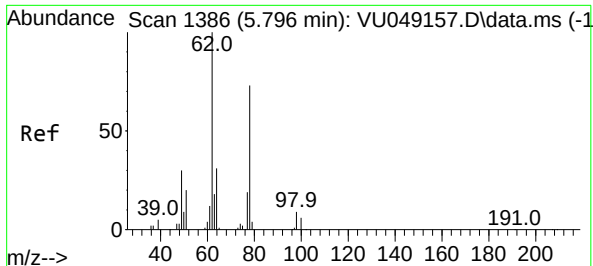
Tgt Ion: 43 Resp: 8545

Ion Ratio Lower Upper

43 100

72 14.8 12.2 36.6





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU049182.D

Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

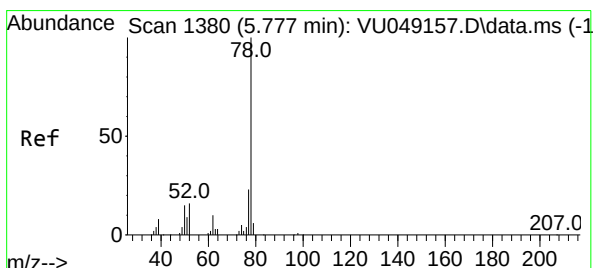
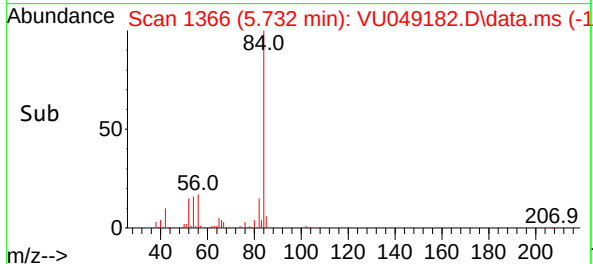
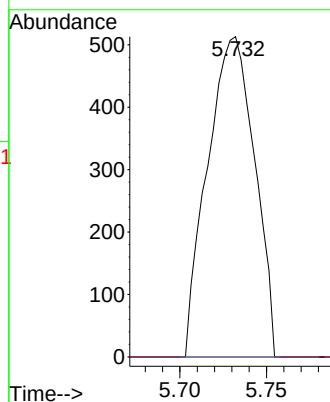
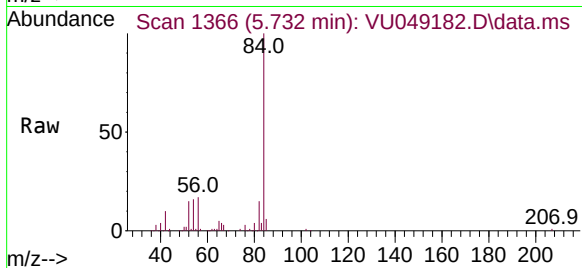
EW4Q6

Tgt Ion: 62 Resp: 970

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#33

Benzene

Concen: 0.172 ug/L

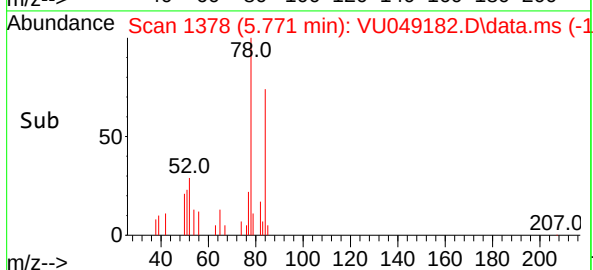
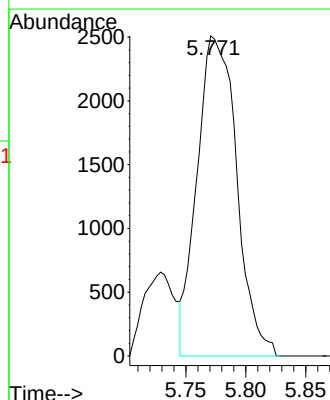
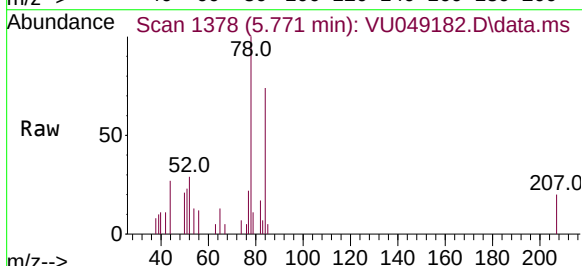
RT: 5.771 min Scan# 1378

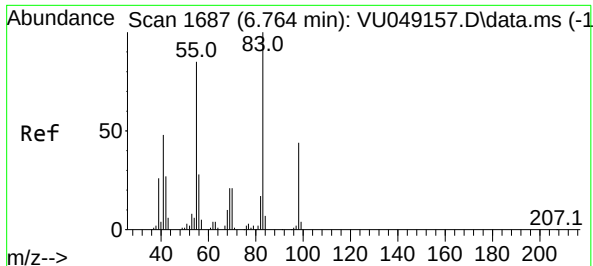
Delta R.T. -0.006 min

Lab File: VU049182.D

Acq: 15 Jun 2022 19:55

Tgt Ion: 78 Resp: 5747

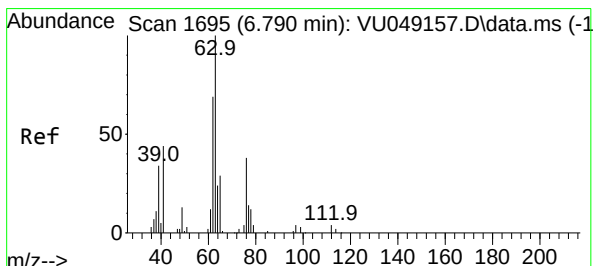
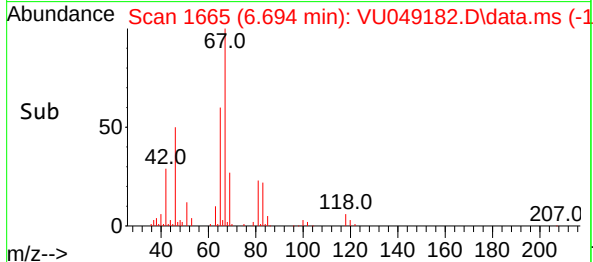
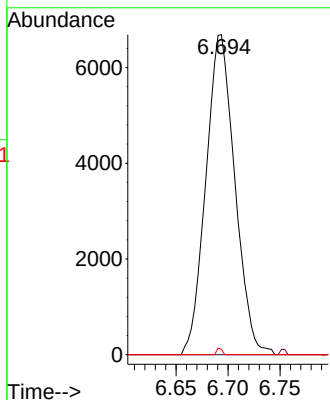
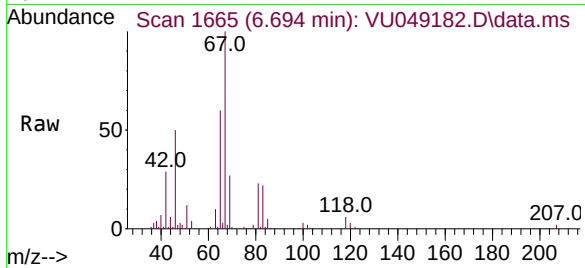




#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

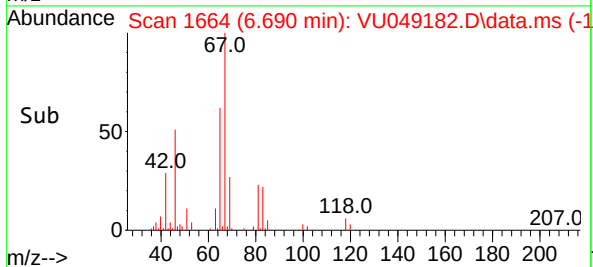
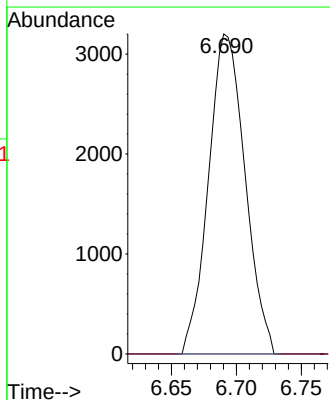
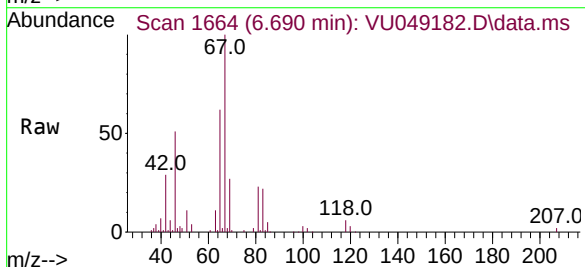
Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

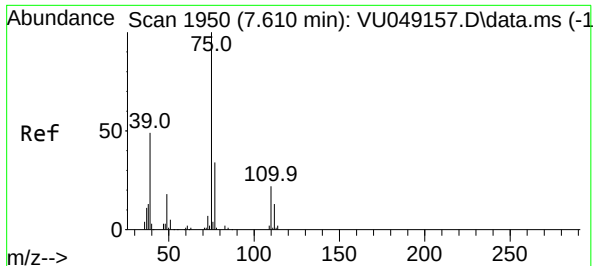
Tgt Ion: 83 Resp: 12999
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.4 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

Tgt Ion: 63 Resp: 6259
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049182.D

Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

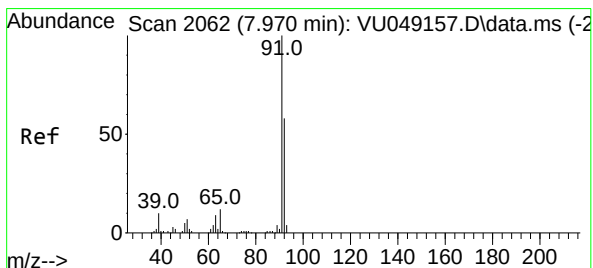
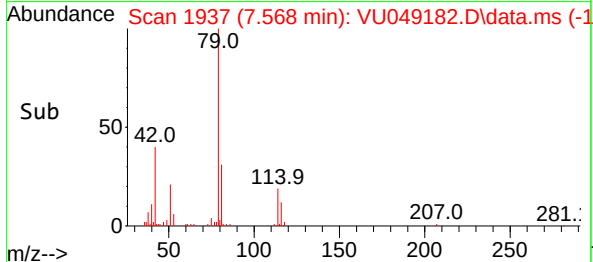
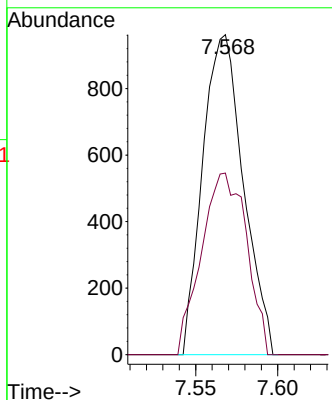
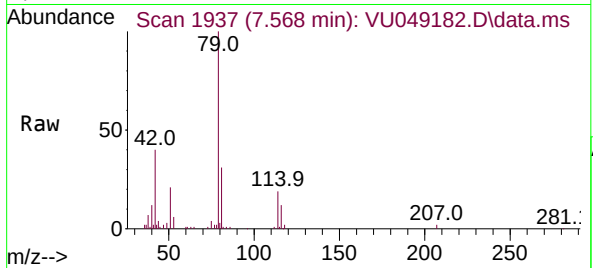
EW4Q6

Tgt Ion: 75 Resp: 1658

Ion Ratio Lower Upper

75 100

77 56.8 21.8 40.4#



#42

Toluene

Concen: 2.313 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049182.D

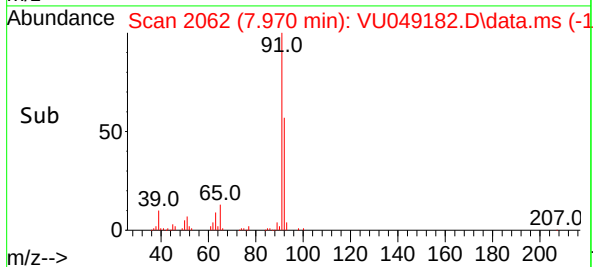
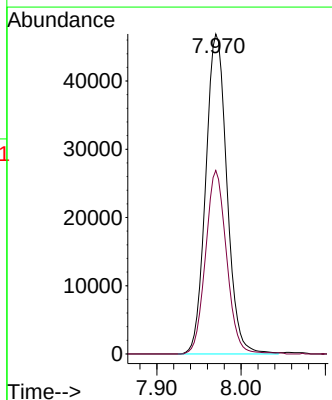
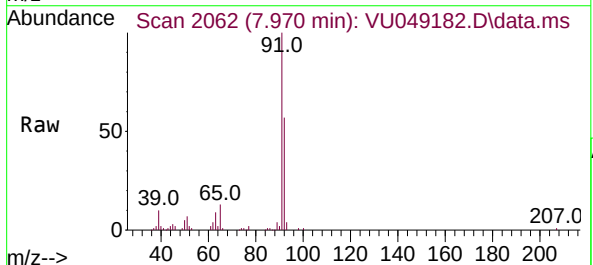
Acq: 15 Jun 2022 19:55

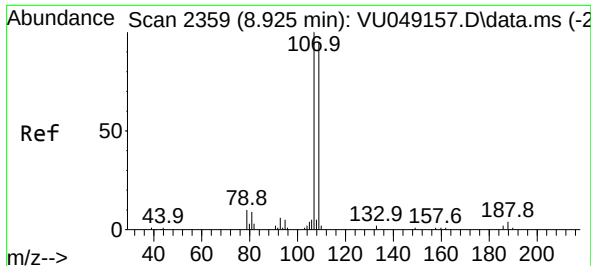
Tgt Ion: 91 Resp: 82030

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.2





#50

1,2-Dibromoethane

Concen: 0.100 ug/L

RT: 8.931 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU049182.D

Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

EW4Q6

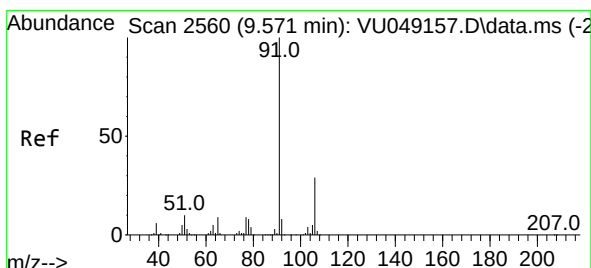
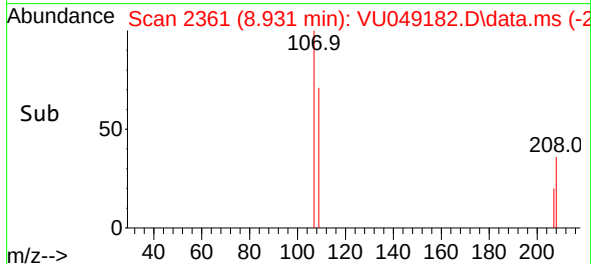
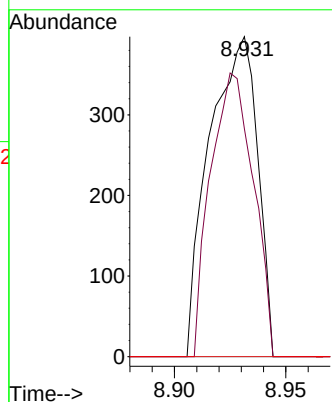
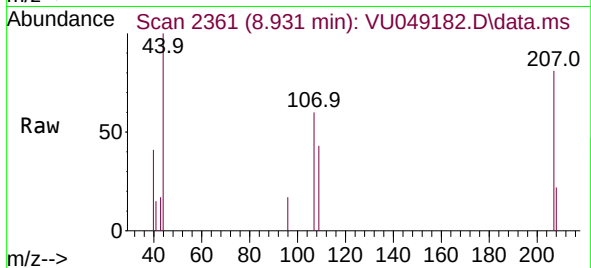
Tgt Ion:107 Resp: 595

Ion Ratio Lower Upper

107 100

109 71.3 64.4 119.6

188 0.0 2.9 4.3#



#52

Ethylbenzene

Concen: 0.157 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049182.D

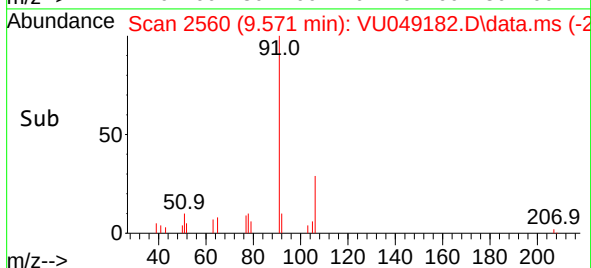
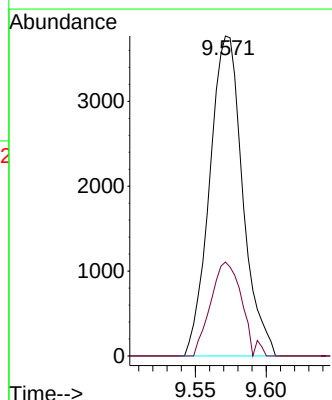
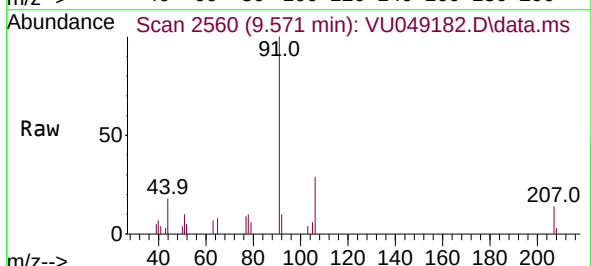
Acq: 15 Jun 2022 19:55

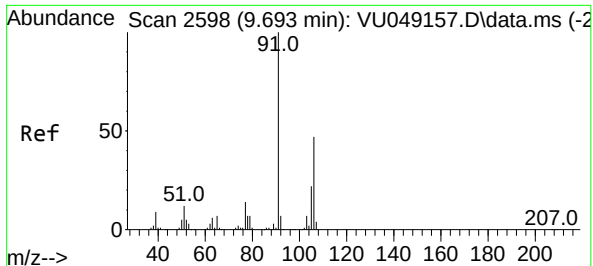
Tgt Ion: 91 Resp: 6094

Ion Ratio Lower Upper

91 100

106 29.3 21.2 39.4

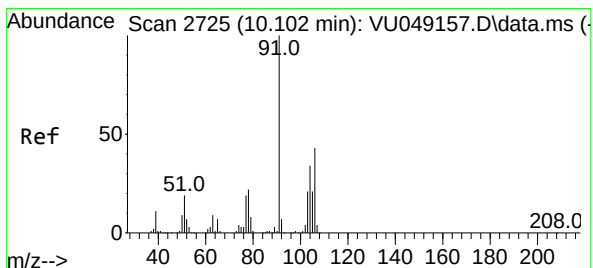
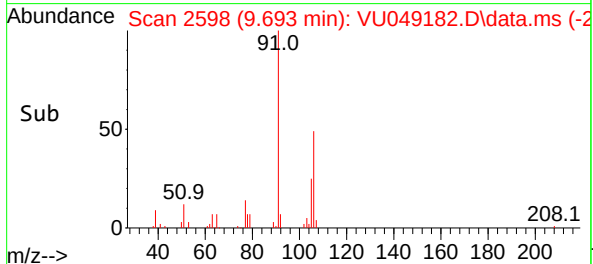
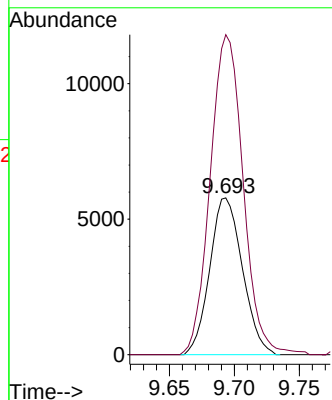
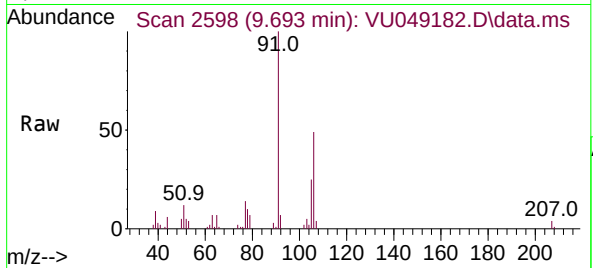




#53
m,p-Xylene
Concen: 0.703 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

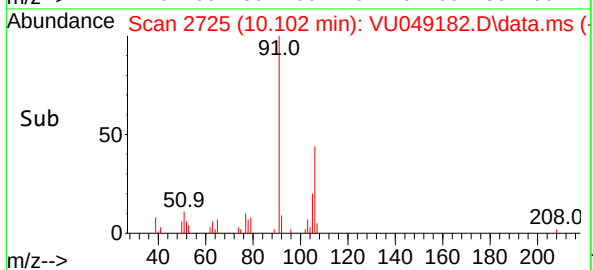
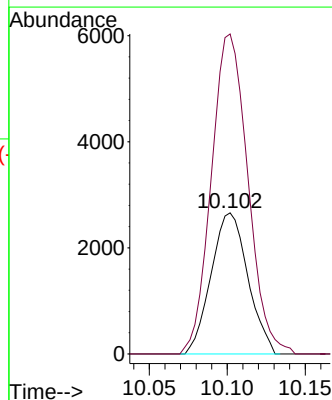
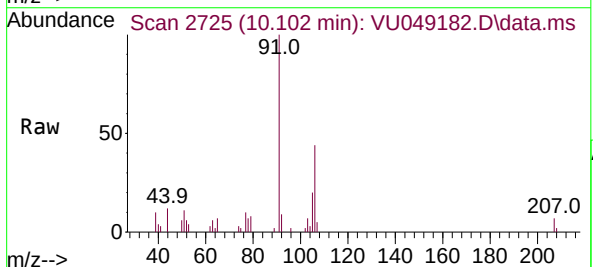
Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

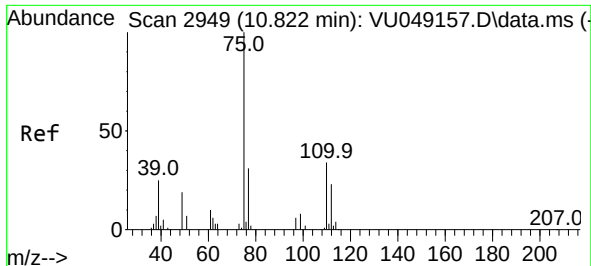
Tgt Ion:106 Resp: 10125
Ion Ratio Lower Upper
106 100
91 204.1 148.5 275.7



#54
o-Xylene
Concen: 0.305 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

Tgt Ion:106 Resp: 4358
Ion Ratio Lower Upper
106 100
91 226.8 157.5 292.5

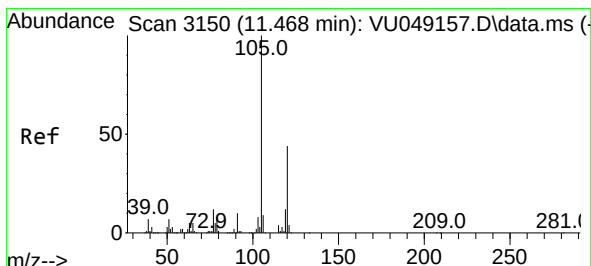
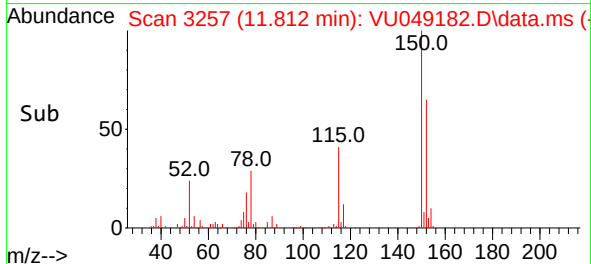
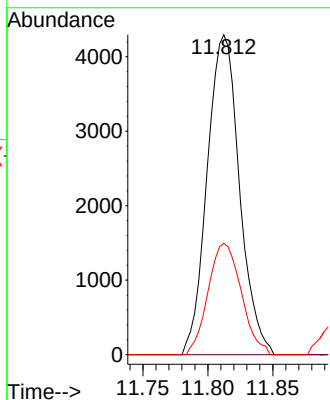
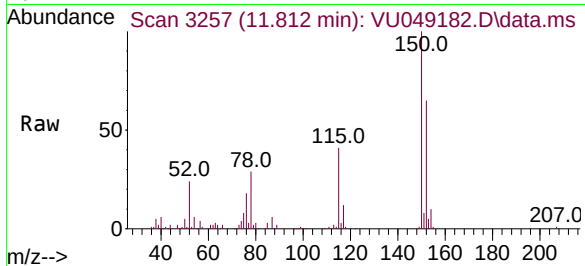




#61
1,2,3-Trichloropropane
Concen: 1.172 ug/L
RT: 11.812 min Scan# 31257
Delta R.T. 0.990 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

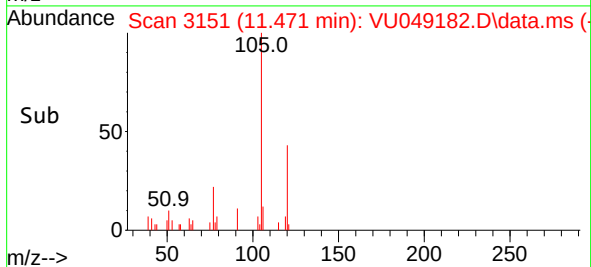
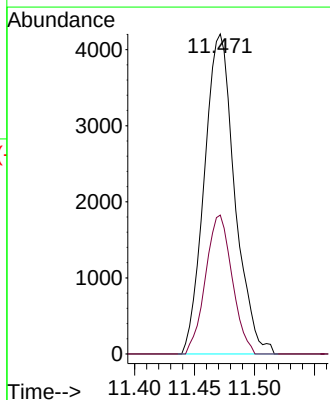
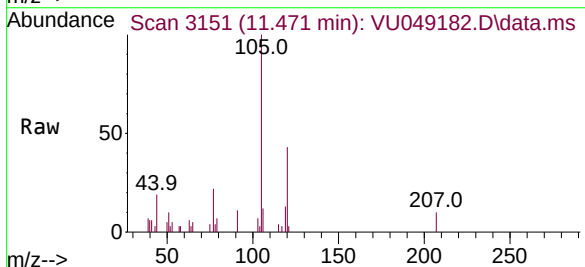
Instrument :
MSVOA_U
ClientSampleId :
EW4Q6

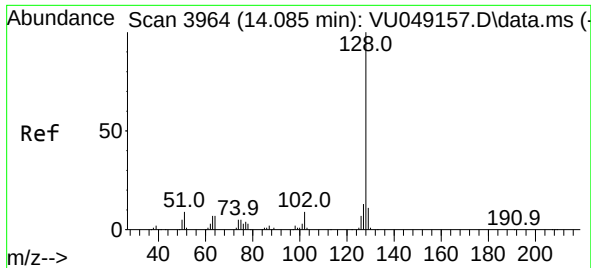
Tgt Ion: 75 Resp: 7429
Ion Ratio Lower Upper
75 100
110 0.0 29.0 43.4#
77 35.7 26.2 39.2



#63
1,2,4-Trimethylbenzene
Concen: 0.220 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049182.D
Acq: 15 Jun 2022 19:55

Tgt Ion: 105 Resp: 7411
Ion Ratio Lower Upper
105 100
120 38.0 34.6 52.0





#71

Naphthalene

Concen: 0.258 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU049182.D

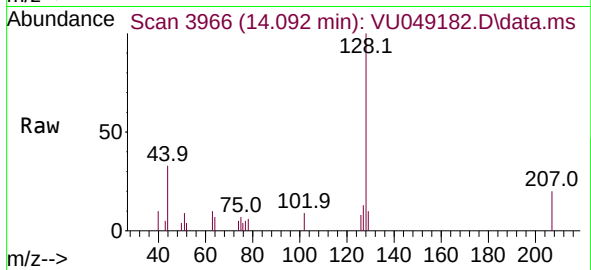
Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

EW4Q6



Tgt Ion:	128	Resp:	5031
Ion Ratio	Lower	Upper	
128	100		
129	8.4	9.0	13.6#
127	11.2	10.2	15.4

