

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047389.D
 Acq On : 08 Mar 2022 14:16
 Operator : SY/MD
 Sample : N1810-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA6

Quant Time: Mar 09 03:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

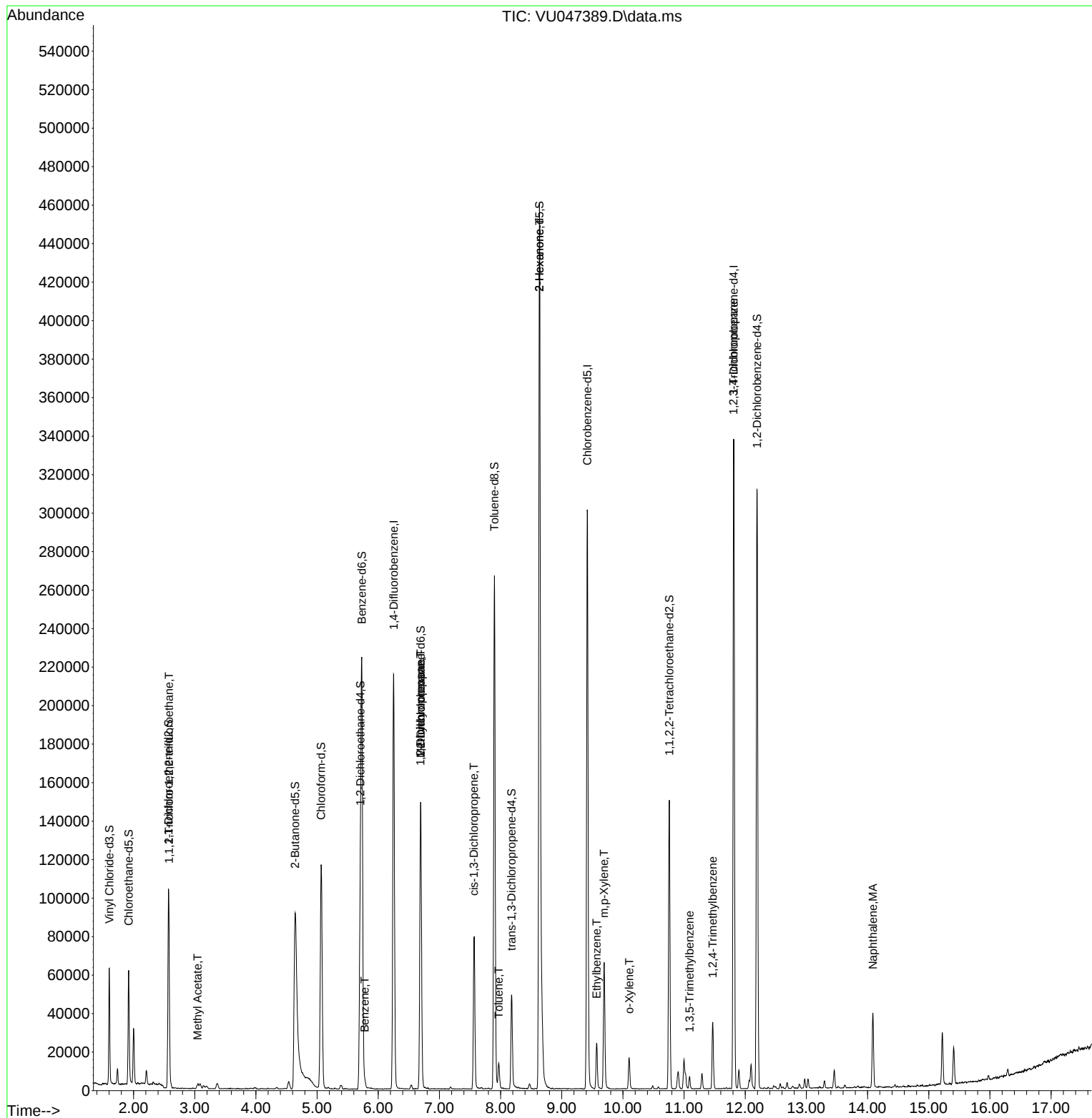
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	186954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43157	3.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.919	69	45051	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.572	65	18898	3.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.642	46	209233	48.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.060%
24) Chloroform-d	5.067	84	110106	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.707	65	65160	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.732	84	213876	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.694	67	73427	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.899	98	184286	3.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.179	79	28954	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.636	63	199360	50.607	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	72539	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	88171	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	598	0.066	ug/L #	21
15) Methyl Acetate	3.047	43	1652	0.410	ug/L #	51
33) Benzene	5.777	78	3960	0.098	ug/L	100
35) Methylcyclohexane	6.694	83	16873	1.033	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	7770	0.773	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1771	0.111	ug/L #	47
42) Toluene	7.970	91	10518	0.239	ug/L	96
48) 2-Hexanone	8.636	43	22913	4.052	ug/L #	63
52) Ethylbenzene	9.571	91	18513	0.394	ug/L	99
53) m,p-Xylene	9.694	106	20421	1.094	ug/L	98
54) o-Xylene	10.102	106	4917	0.273	ug/L	89
61) 1,2,3-Trichloropropane	11.809	75	9938	1.250	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.089	105	4138	0.144	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	20417	0.547	ug/L	99
71) Naphthalene	14.089	128	33517	0.966	ug/L	99

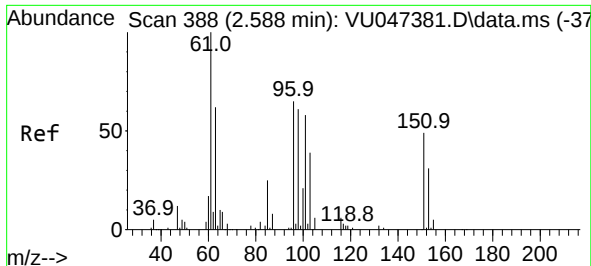
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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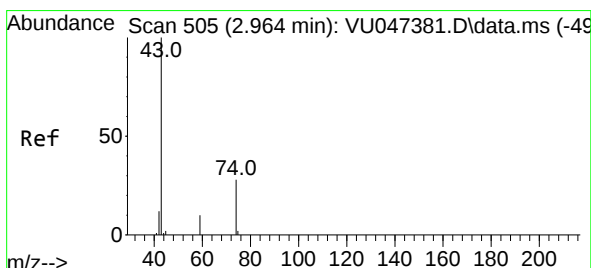
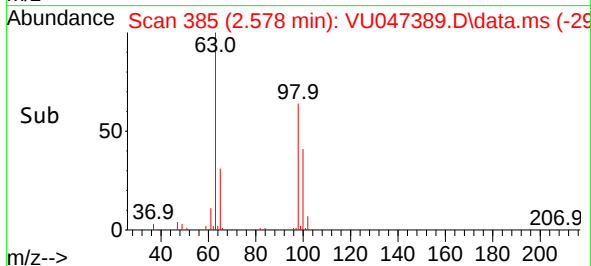
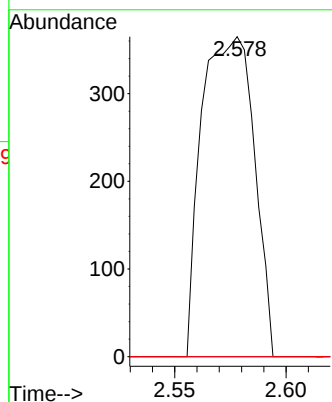
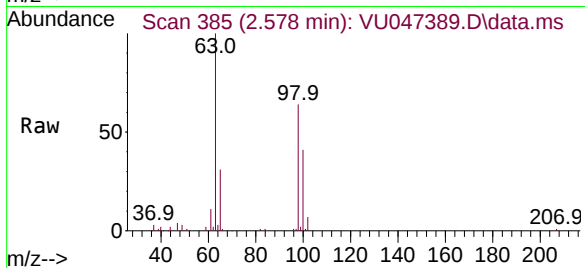




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.578 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

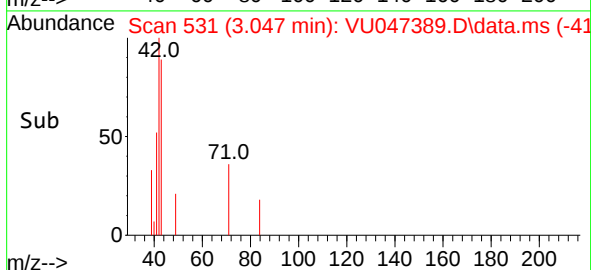
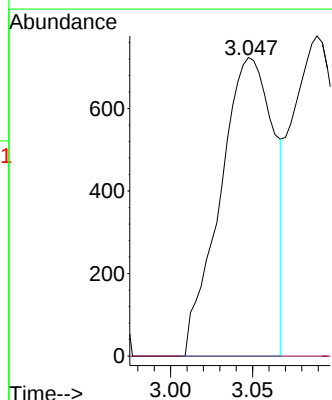
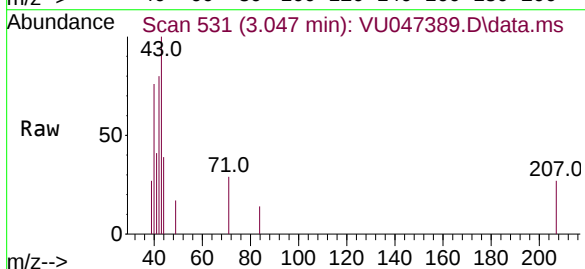
Instrument :
MSVOA_U
ClientSampleId :
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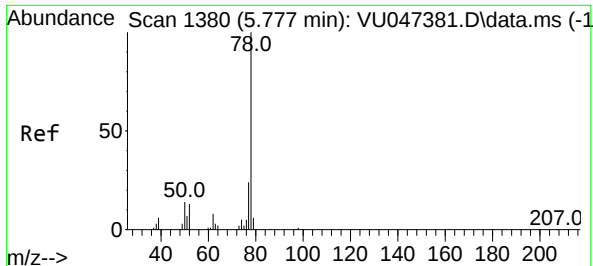
Tgt Ion:101 Resp: 598
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#15
Methyl Acetate
Concen: 0.410 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.084 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

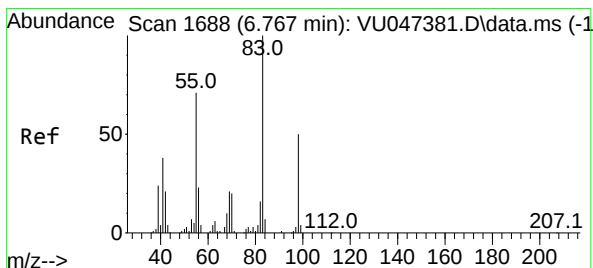
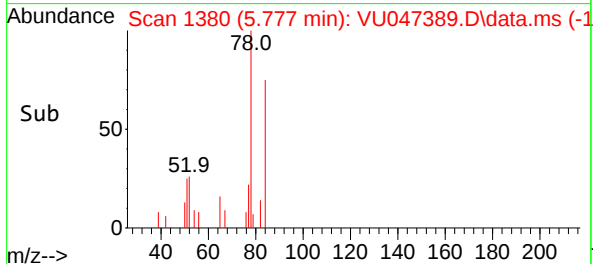
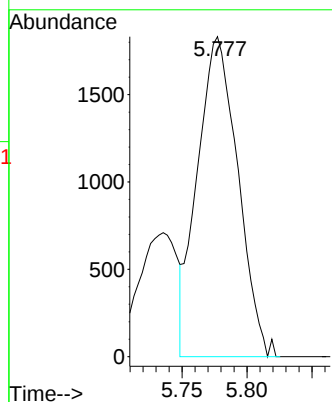
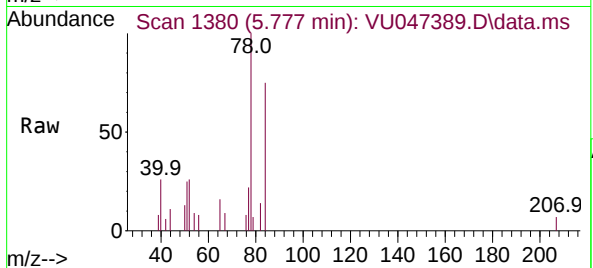




#33
Benzene
Concen: 0.098 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

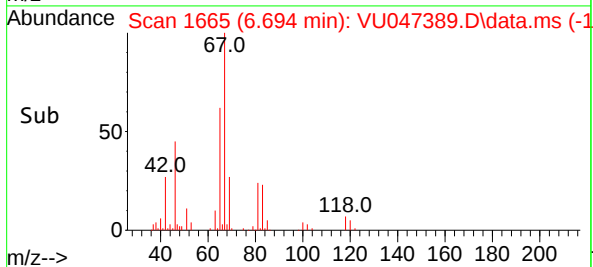
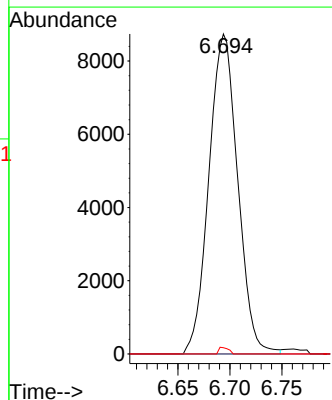
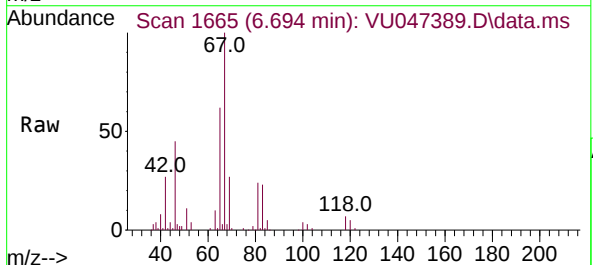
Instrument :
MSVOA_U
ClientSampleId :
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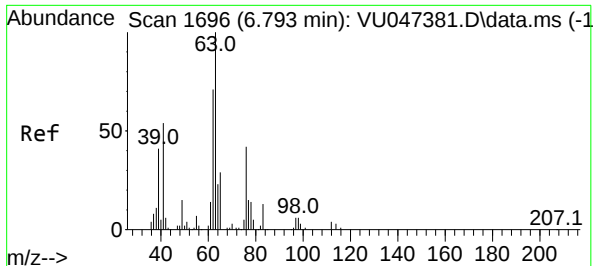
Tgt Ion: 78 Resp: 3960



#35
Methylcyclohexane
Concen: 1.033 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 83 Resp: 16873
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.7 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.773 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047389.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

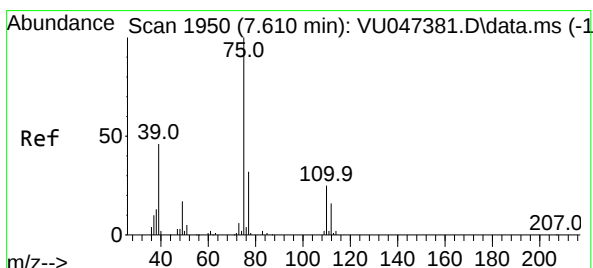
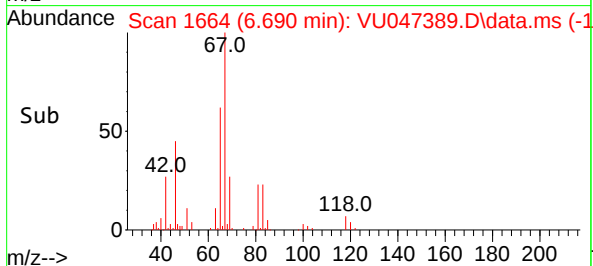
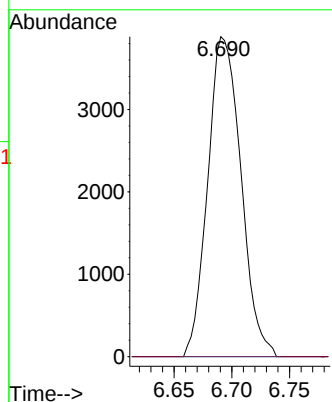
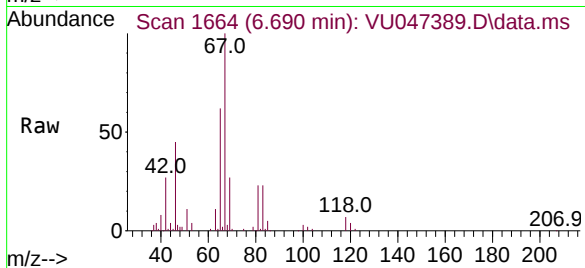
GBDA6

Tgt Ion: 63 Resp: 7770

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047389.D

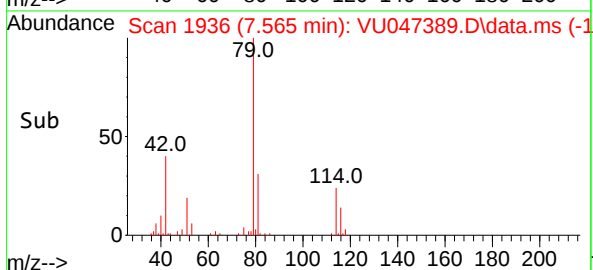
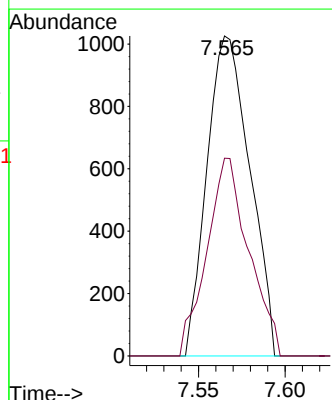
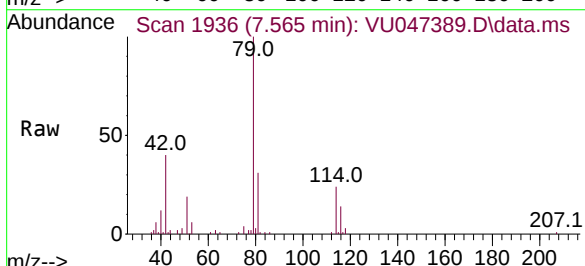
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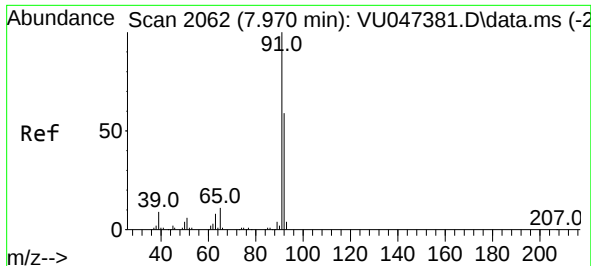
Tgt Ion: 75 Resp: 1771

Ion Ratio Lower Upper

75 100

77 61.8 22.5 41.9#





#42

Toluene

Concen: 0.239 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047389.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

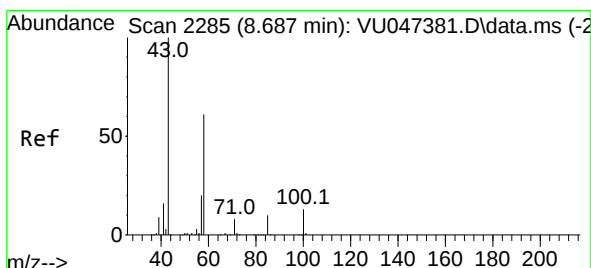
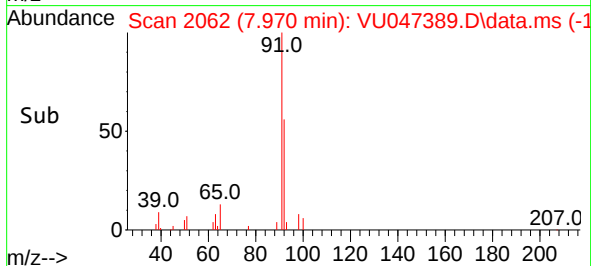
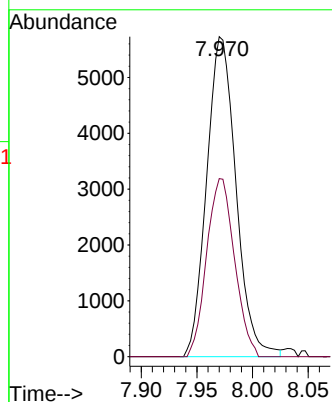
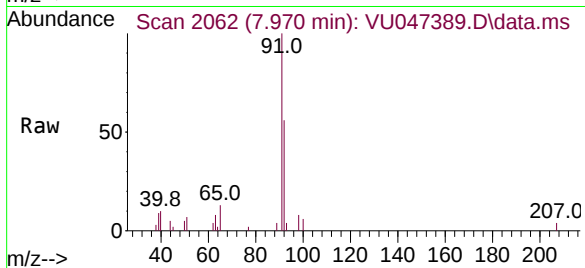
GBDA6

Tgt Ion: 91 Resp: 10518

Ion Ratio Lower Upper

91 100

92 55.7 41.3 76.7



#48

2-Hexanone

Concen: 4.052 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.051 min

Lab File: VU047389.D

Acq: 08 Mar 2022 14:16

Tgt Ion: 43 Resp: 22913

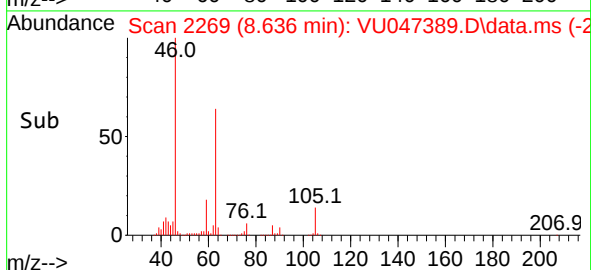
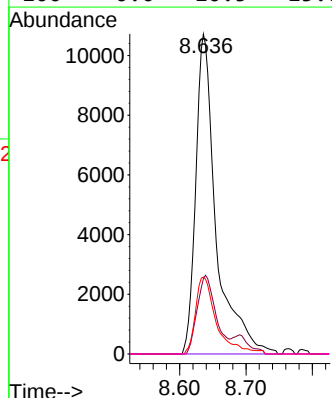
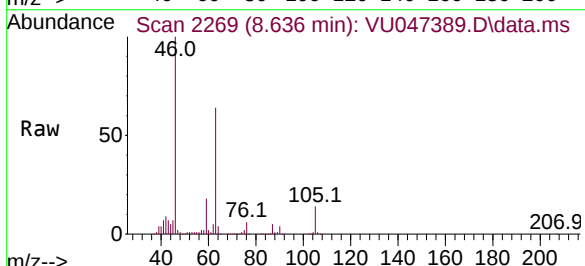
Ion Ratio Lower Upper

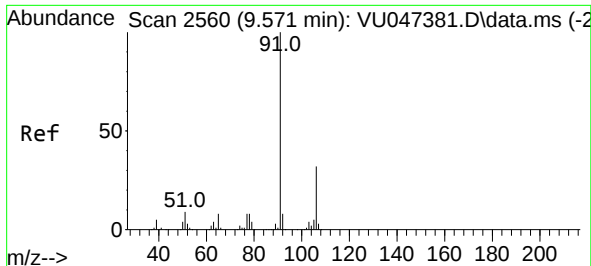
43 100

58 22.5 46.7 70.1#

57 24.7 16.3 24.5#

100 0.0 10.5 15.7#





#52

Ethylbenzene

Concen: 0.394 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047389.D

Acq: 08 Mar 2022 14:16

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ClientSampleId :

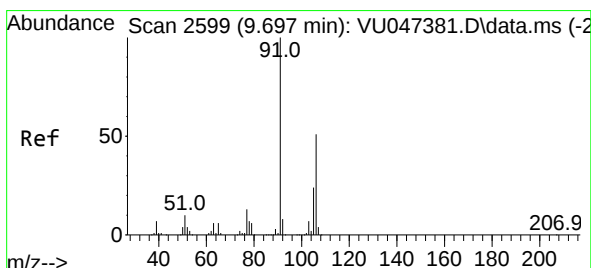
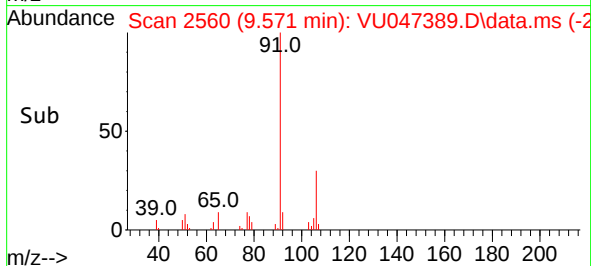
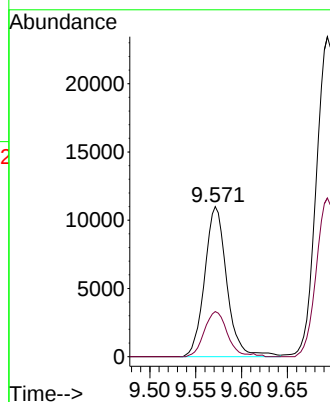
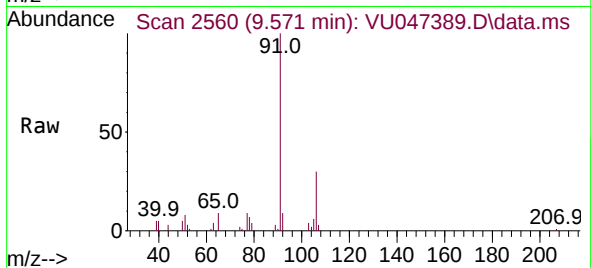
GBDA6

Tgt Ion: 91 Resp: 18513

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9



#53

m,p-Xylene

Concen: 1.094 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047389.D

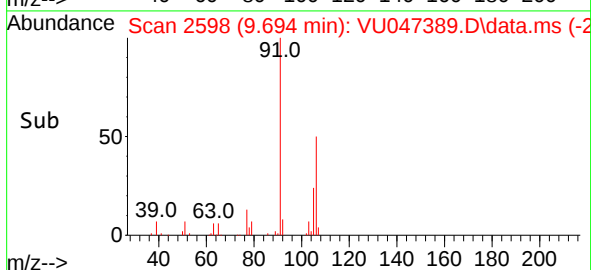
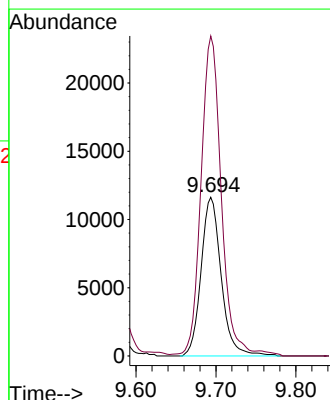
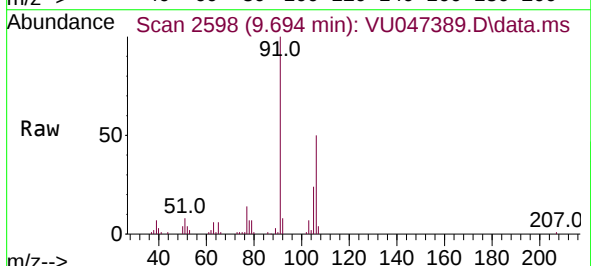
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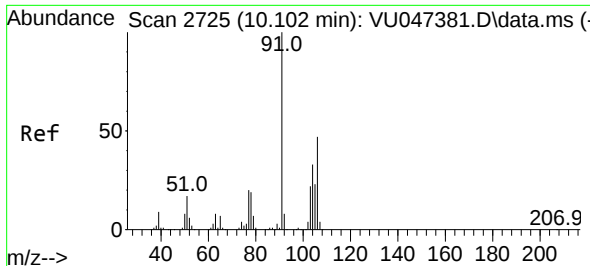
Tgt Ion: 106 Resp: 20421

Ion Ratio Lower Upper

106 100

91 201.6 139.4 259.0

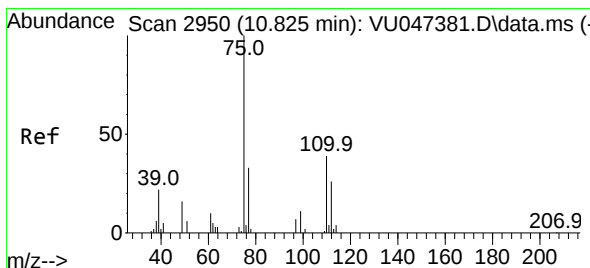
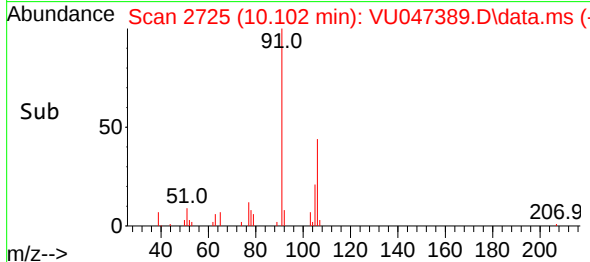
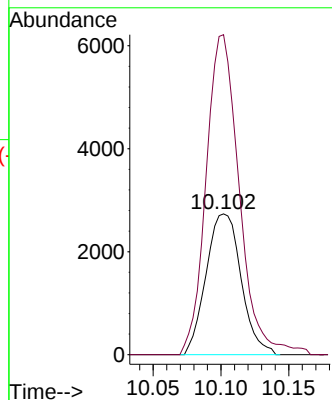
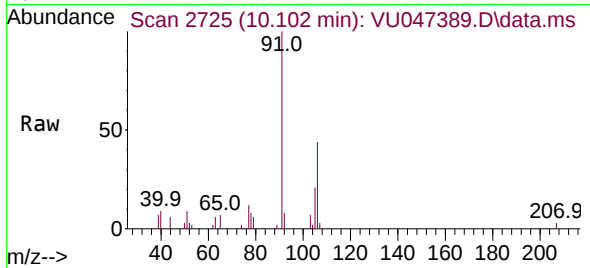




#54
o-Xylene
Concen: 0.273 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

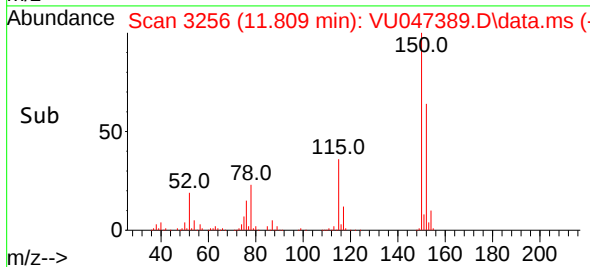
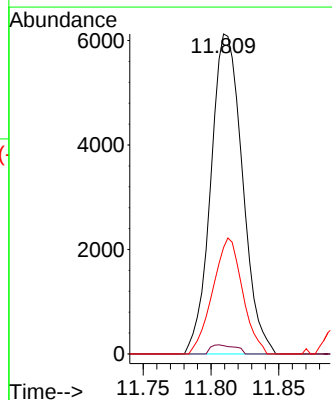
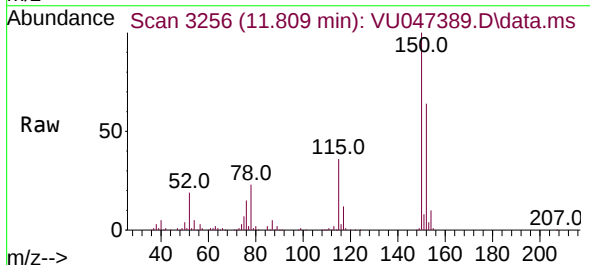
Instrument :
MSVOA_U
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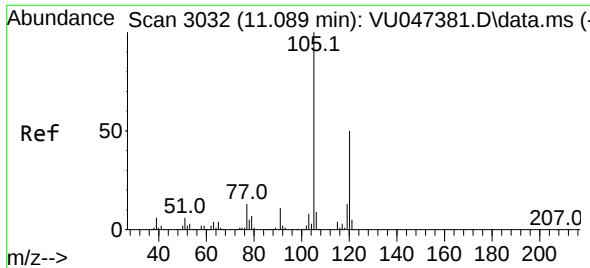
Tgt Ion:106 Resp: 4917
Ion Ratio Lower Upper
106 100
91 227.3 147.5 273.9



#61
1,2,3-Trichloropropane
Concen: 1.250 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.984 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 75 Resp: 9938
Ion Ratio Lower Upper
75 100
110 2.2 29.9 44.9#
77 34.1 25.5 38.3

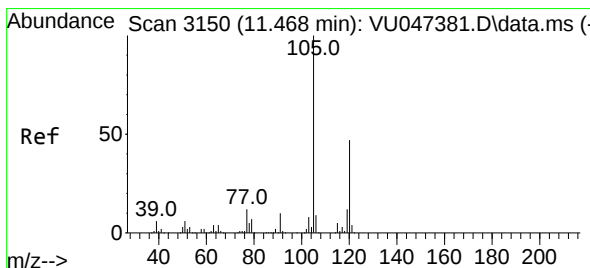
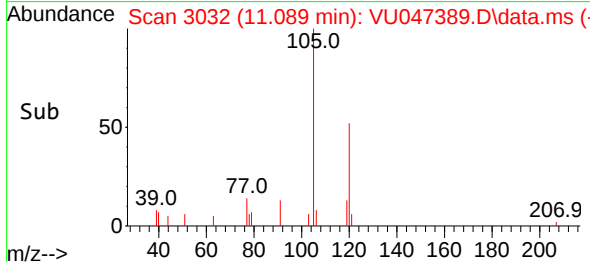
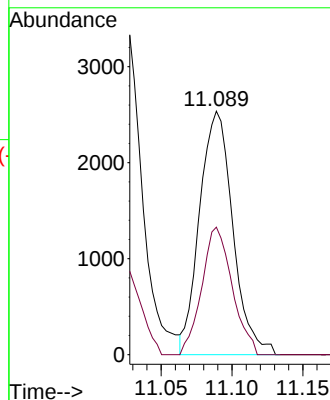
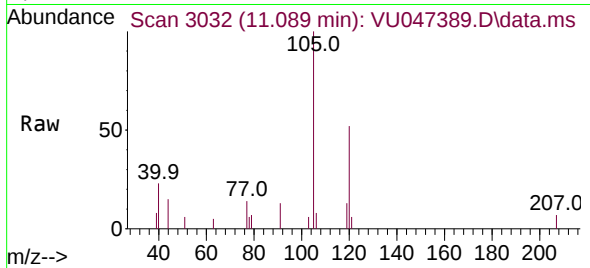




#62
1,3,5-Trimethylbenzene
Concen: 0.144 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

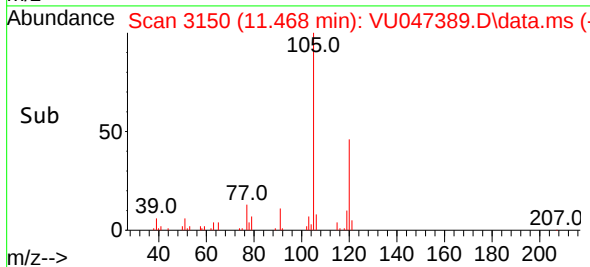
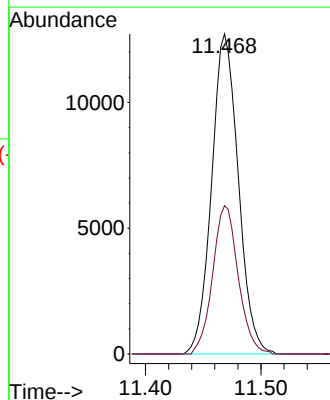
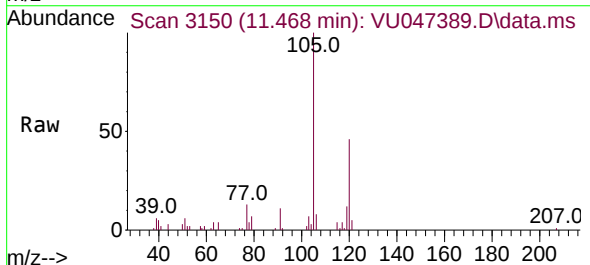
Instrument :
MSVOA_U
ClientSampleId :
GBDA6

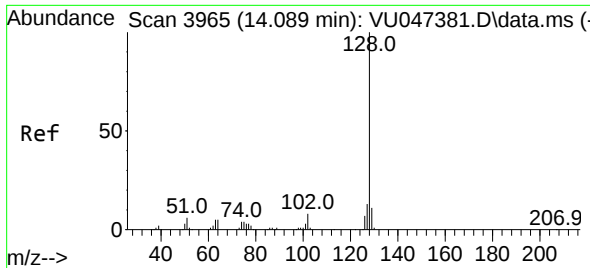
Tgt Ion:105 Resp: 4138
Ion Ratio Lower Upper
105 100
120 47.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.547 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

Tgt Ion:105 Resp: 20417
Ion Ratio Lower Upper
105 100
120 44.4 35.8 53.8





#71
Naphthalene
Concen: 0.966 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047389.D
Acq: 08 Mar 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
GBDA6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.4	12.6
127	12.4	10.2	15.2

