

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047701.D
 Acq On : 26 Mar 2022 12:19
 Operator : SY/MD
 Sample : N2082-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MSD

Quant Time: Mar 28 05:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	196069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101131	44.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.680%
7) Chloroethane-d5	1.919	69	88806	49.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	2.575	63	195878	46.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.880%
21) 2-Butanone-d5	4.639	46	235478	120.287	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.290%
24) Chloroform-d	5.067	84	214704	51.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
26) 1,2-Dichloroethane-d4	5.703	65	135132	52.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	5.729	84	416594	51.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
36) 1,2-Dichloropropane-d6	6.694	67	132310	52.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	7.899	98	401687	50.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
43) trans-1,3-Dichloroprop...	8.179	79	66220	52.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.440%
47) 2-Hexanone-d5	8.636	63	178120	121.561	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230638	53.691	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	177766	50.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	142541	48.884	ug/L	100
3) Chloromethane	1.523	50	134534	48.245	ug/L	99
5) Vinyl chloride	1.607	62	135788	47.745	ug/L	100
6) Bromomethane	1.864	94	79999	52.262	ug/L	99
8) Chloroethane	1.938	64	86626	48.520	ug/L	99
9) Trichlorofluoromethane	2.144	101	190324	47.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	116267	50.154	ug/L	98
12) 1,1-Dichloroethene	2.584	96	108208	50.156	ug/L	91
13) Acetone	2.652	43	150430	82.574	ug/L	98
14) Carbon disulfide	2.800	76	320579	47.009	ug/L	100
15) Methyl Acetate	2.957	43	150504	51.809	ug/L	100
16) Methylene chloride	3.051	84	126885	51.252	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	117702	50.580	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	347240	52.892	ug/L	99
19) 1,1-Dichloroethane	3.874	63	261853	65.246	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	167923	65.823	ug/L	94
22) 2-Butanone	4.716	43	233590	99.538	ug/L	98
23) Bromochloromethane	4.980	128	71633	51.141	ug/L	98
25) Chloroform	5.092	83	222624	51.523	ug/L	99

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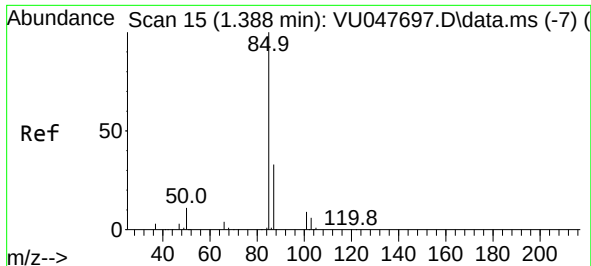
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	173543	51.987	ug/L	100
29) Cyclohexane	5.391	56	175272	53.328	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	196270	53.440	ug/L	99
31) Carbon tetrachloride	5.530	117	170393	51.378	ug/L	100
33) Benzene	5.777	78	491114	52.383	ug/L	100
34) Trichloroethene	6.542	95	127647	51.932	ug/L	99
35) Methylcyclohexane	6.764	83	195925	52.395	ug/L	99
37) 1,2-Dichloropropane	6.793	63	127457	53.478	ug/L	100
38) Bromodichloromethane	7.108	83	170594	52.123	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	197903	53.514	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	412480	109.501	ug/L	98
42) Toluene	7.970	91	541053	52.595	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	197756	53.558	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	130818	51.753	ug/L	99
46) Tetrachloroethene	8.555	164	111410	50.439	ug/L	99
48) 2-Hexanone	8.687	43	352885	108.907	ug/L	98
49) Dibromochloromethane	8.809	129	151798	51.849	ug/L	100
50) 1,2-Dibromoethane	8.925	107	146843	51.819	ug/L	99
51) Chlorobenzene	9.446	112	358833	51.373	ug/L	99
52) Ethylbenzene	9.571	91	570994	52.789	ug/L	99
53) m,p-Xylene	9.693	106	226637	53.400	ug/L	99
54) o-Xylene	10.102	106	220568	52.951	ug/L	100
55) Styrene	10.115	104	379176	53.316	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247102	52.144	ug/L	100
59) Bromoform	10.291	173	126875	50.605	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	192641	52.118	ug/L	99
61) Isopropylbenzene	10.484	105	566747	53.484	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	305310	53.103	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	473731	54.245	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	297122	50.447	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	300322	49.228	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	301642	51.184	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	60873	51.414	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	237648	49.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	208816	49.840	ug/L	99
71) Naphthalene	14.085	128	665994	53.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	213137	50.745	ug/L	100

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

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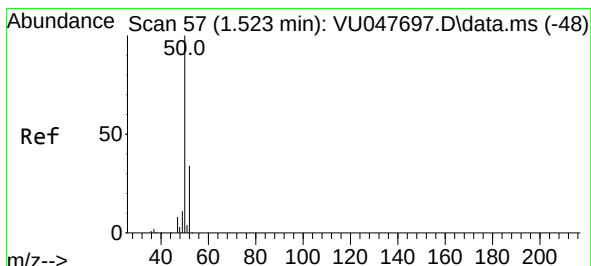
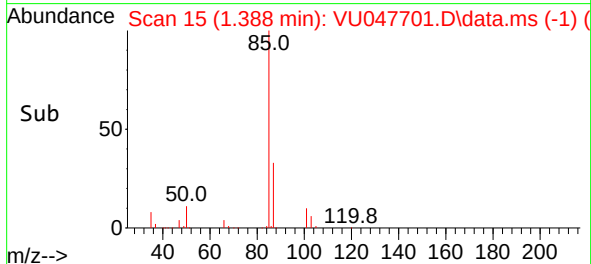
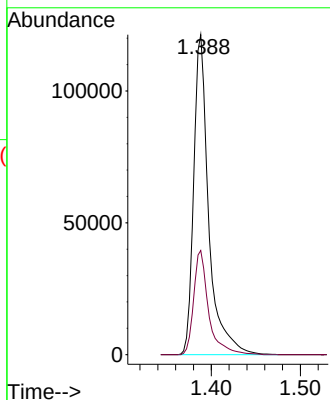
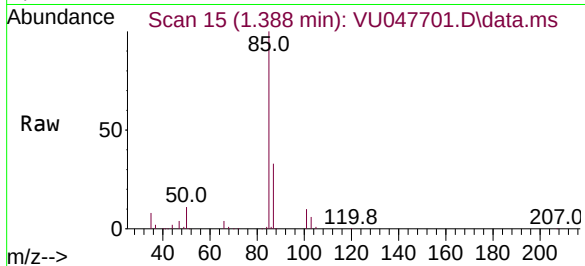




#2
Dichlorodifluoromethane
Concen: 48.884 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

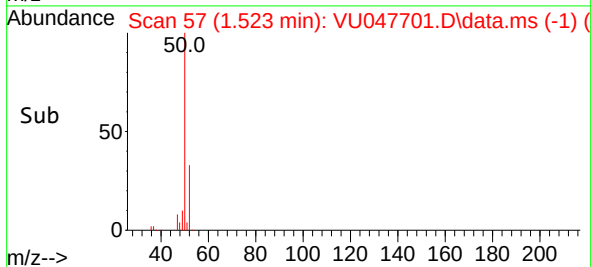
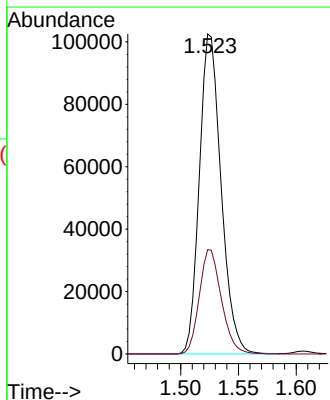
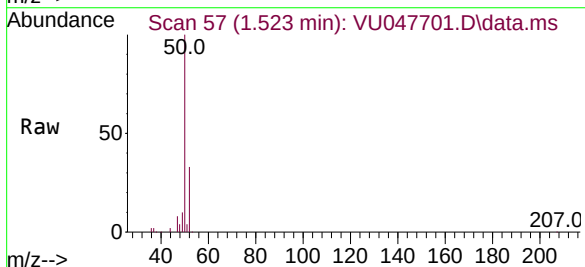
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

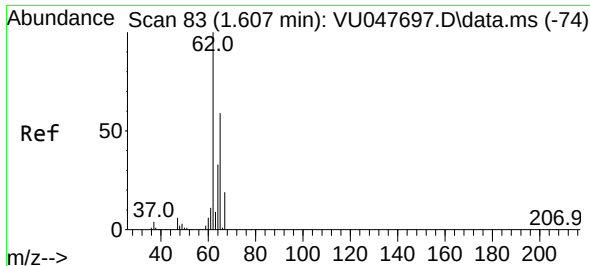
Tgt Ion: 85 Resp: 142541
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 48.245 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 50 Resp: 134534
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

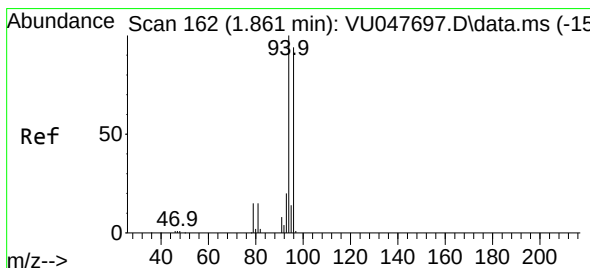
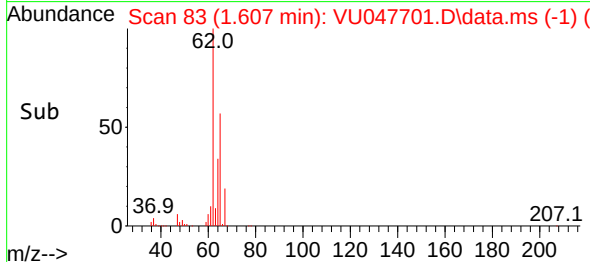
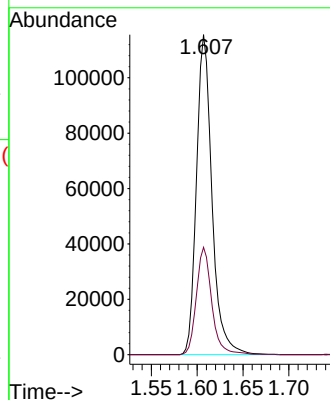
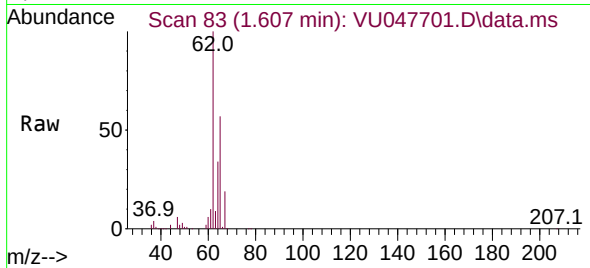




#5
 Vinyl chloride
 Concen: 47.745 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

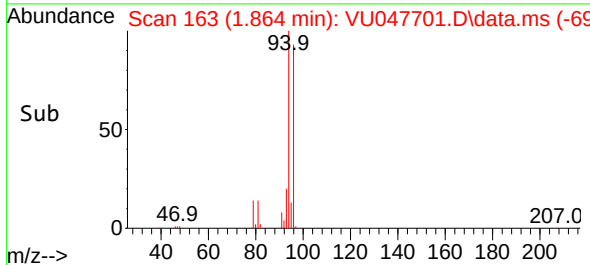
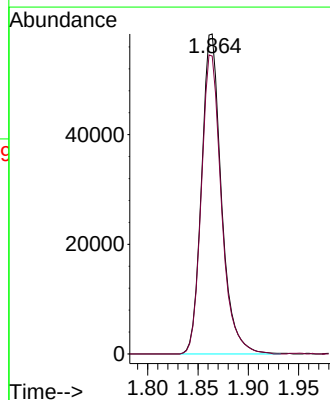
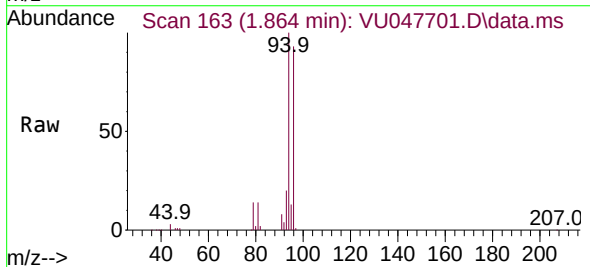
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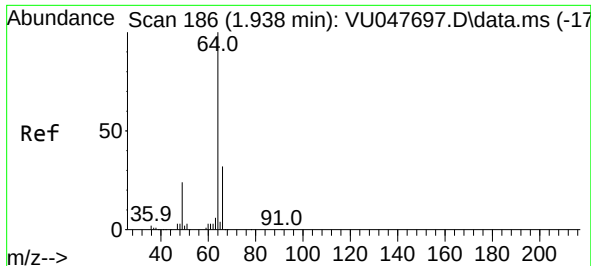
Tgt Ion: 62 Resp: 135788
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 43.9



#6
 Bromomethane
 Concen: 52.262 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

Tgt Ion: 94 Resp: 79999
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

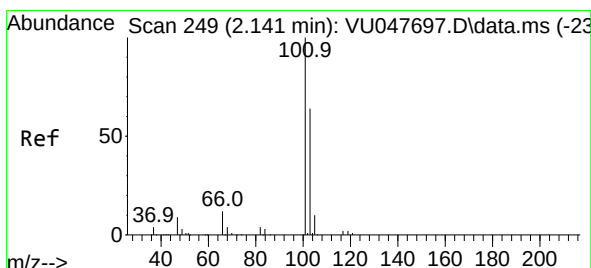
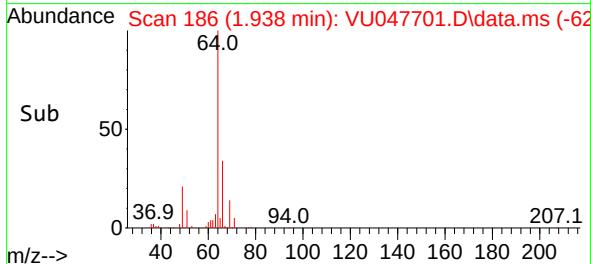
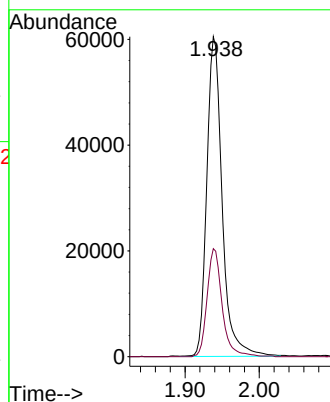
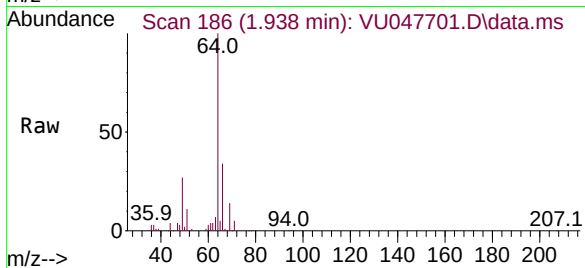




#8
Chloroethane
Concen: 48.520 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

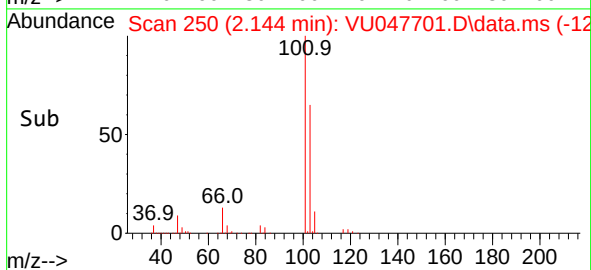
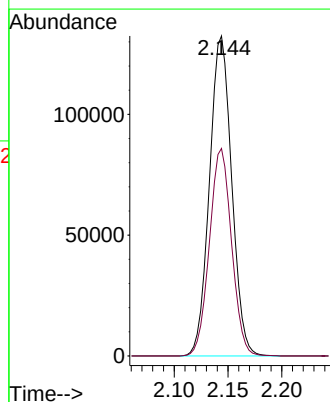
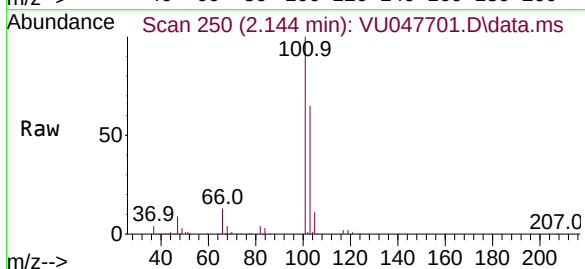
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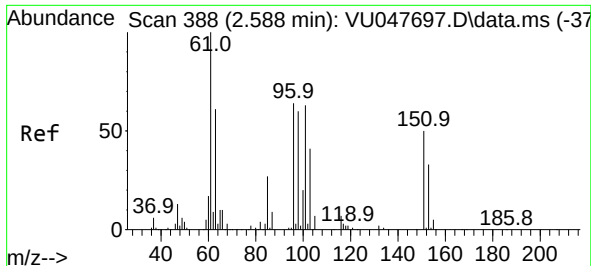
Tgt Ion: 64 Resp: 86626
Ion Ratio Lower Upper
64 100
66 33.8 23.3 43.3



#9
Trichlorofluoromethane
Concen: 47.457 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion:101 Resp: 190324
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

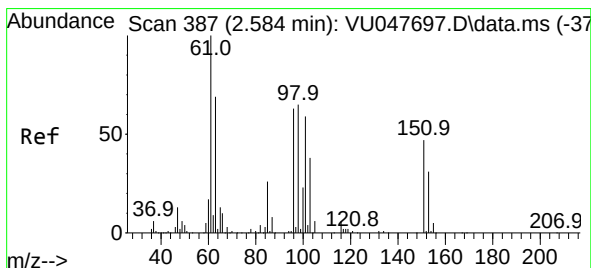
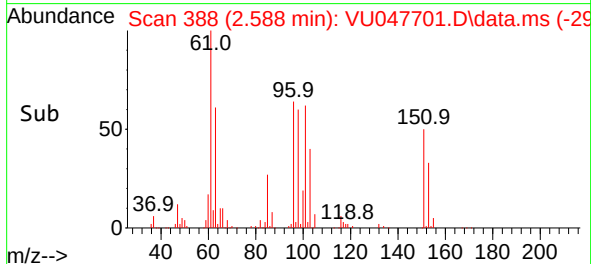
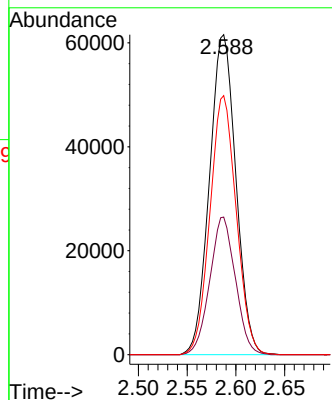
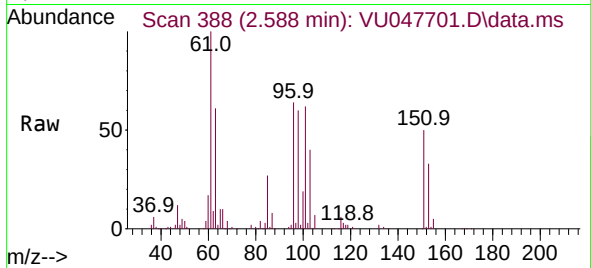




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.154 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

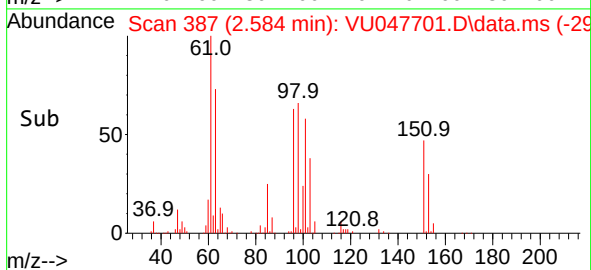
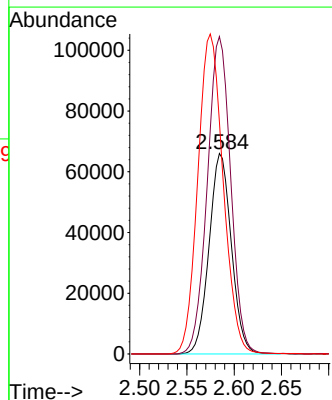
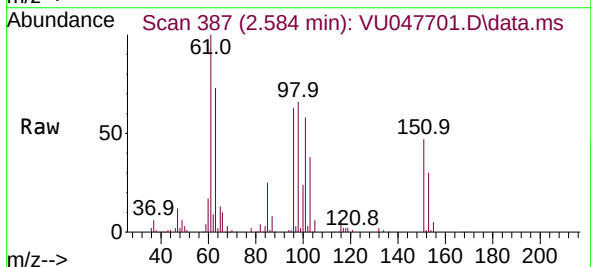
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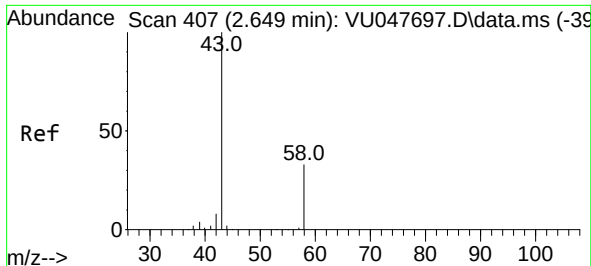
Tgt Ion:101 Resp: 116267
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.8 49.2
 151 80.5 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 50.156 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

Tgt Ion: 96 Resp: 108208
 Ion Ratio Lower Upper
 96 100
 61 158.3 113.1 210.1
 63 115.9 94.8 176.0





#13

Acetone

Concen: 82.574 ug/L

RT: 2.652 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

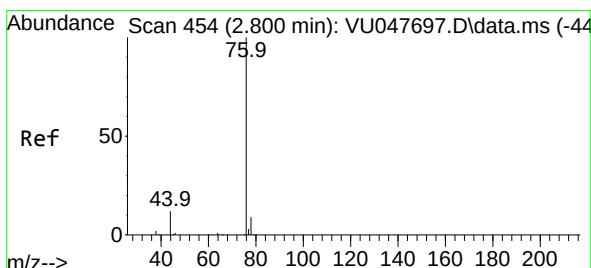
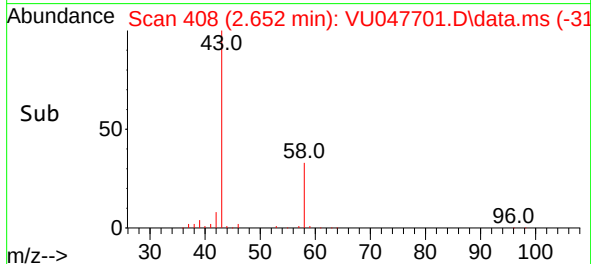
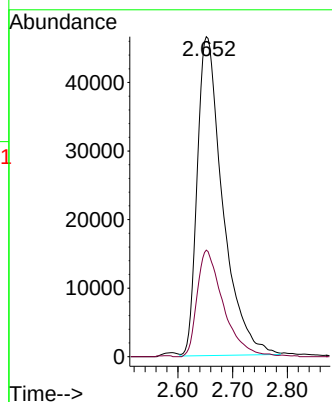
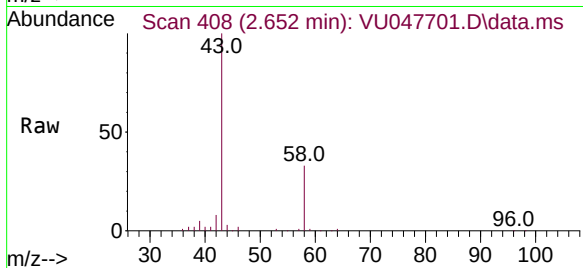
EW5Z2MSD

Tgt Ion: 43 Resp: 150430

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#14

Carbon disulfide

Concen: 47.009 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047701.D

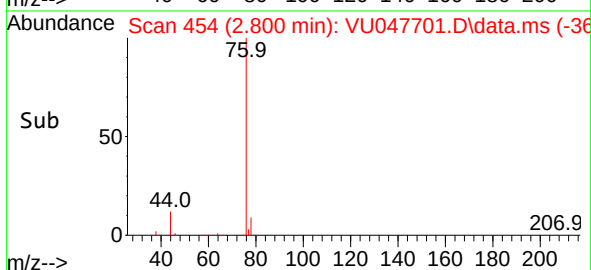
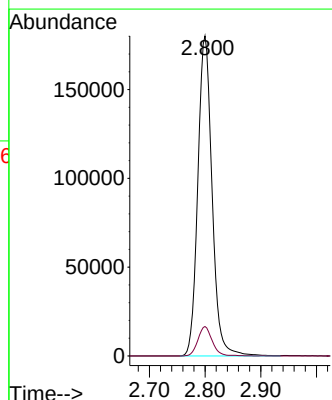
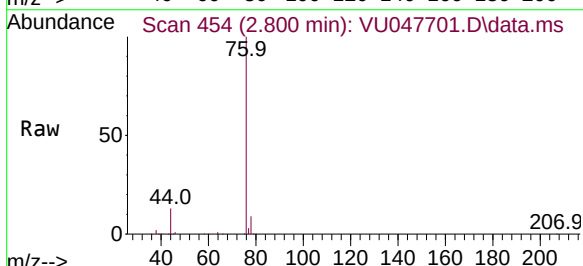
Acq: 26 Mar 2022 12:19

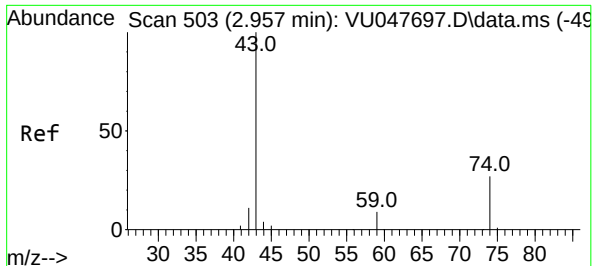
Tgt Ion: 76 Resp: 320579

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

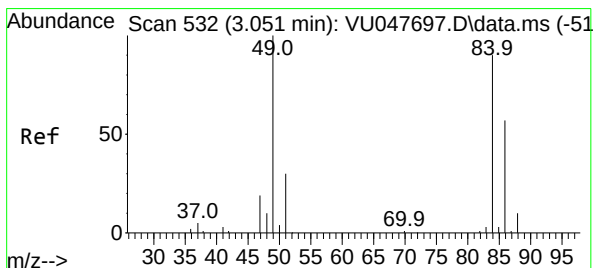
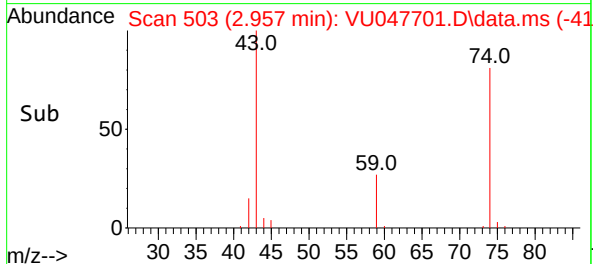
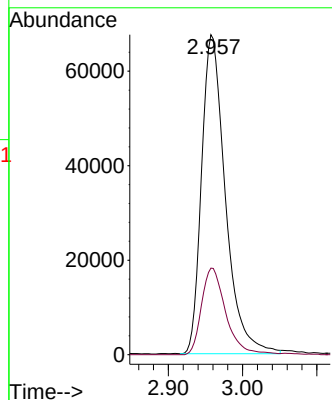
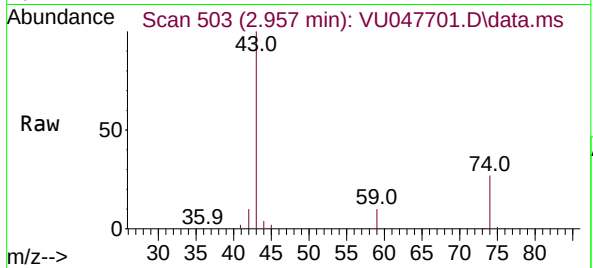




#15
Methyl Acetate
Concen: 51.809 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

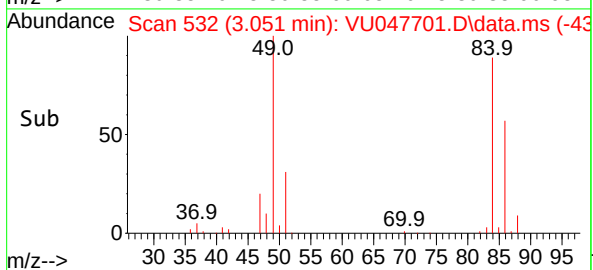
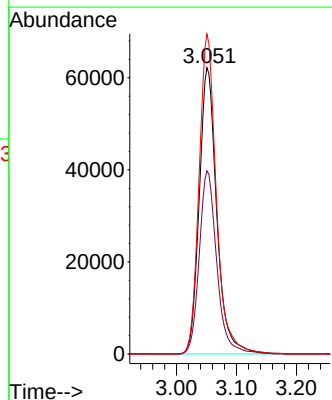
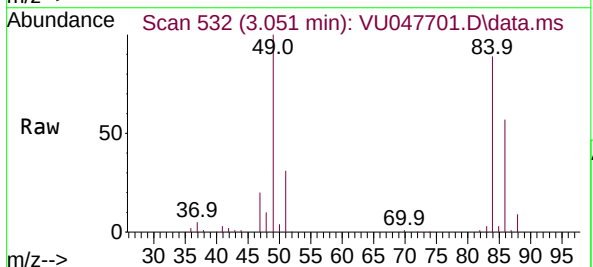
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

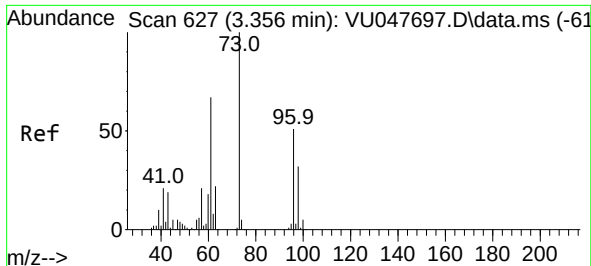
Tgt Ion: 43 Resp: 150504
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.2



#16
Methylene chloride
Concen: 51.252 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 84 Resp: 126885
Ion Ratio Lower Upper
84 100
86 64.0 46.0 85.4
49 111.8 75.3 139.8

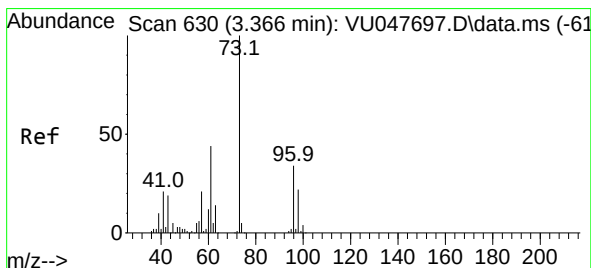
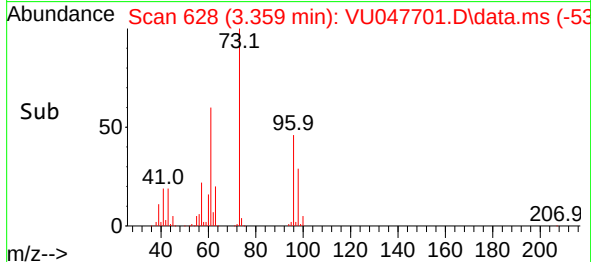
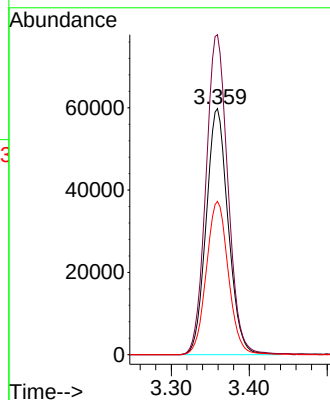
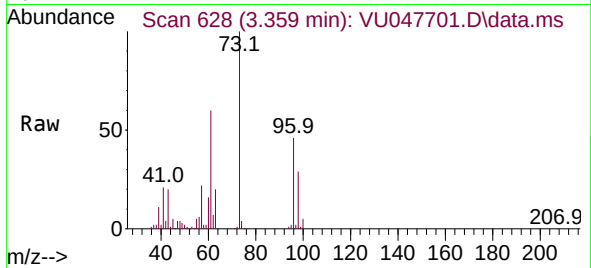




#17
trans-1,2-Dichloroethene
Concen: 50.580 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

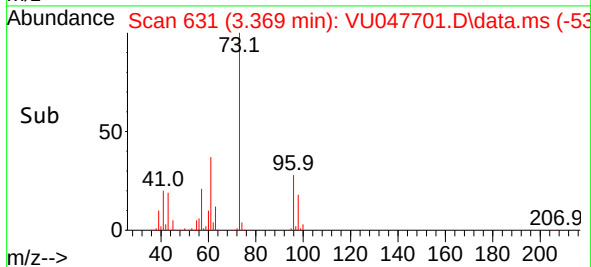
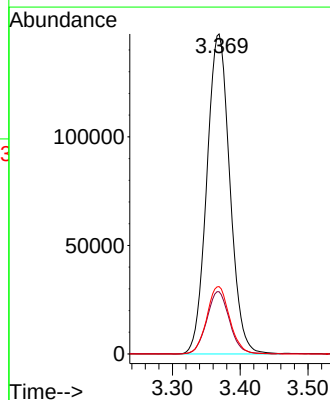
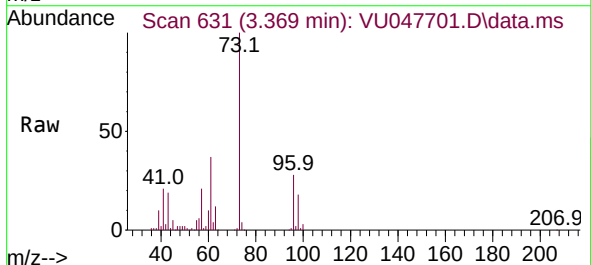
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

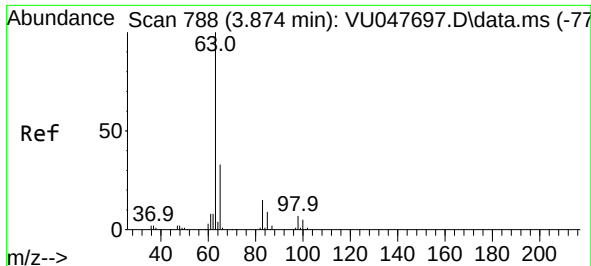
Tgt Ion: 96 Resp: 117702
Ion Ratio Lower Upper
96 100
61 130.0 88.4 164.2
98 62.3 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 52.892 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 73 Resp: 347240
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9
57 20.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 65.246 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MSD

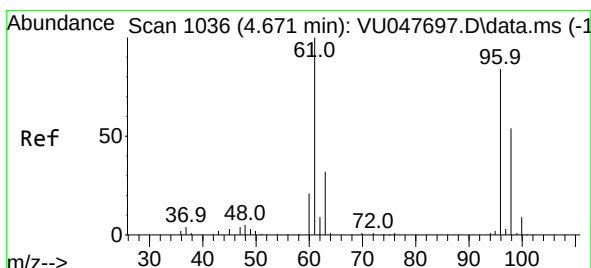
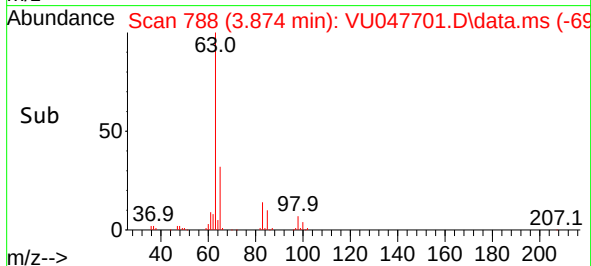
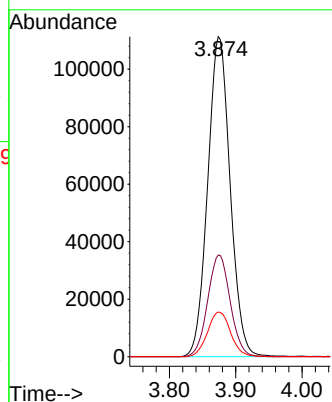
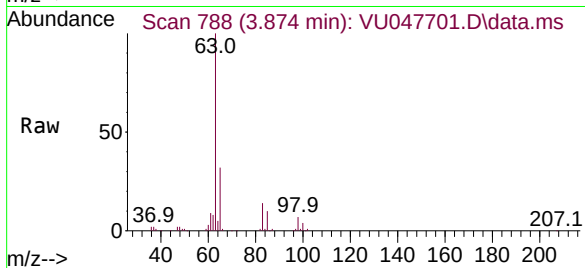
Tgt Ion: 63 Resp: 261853

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 65.823 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

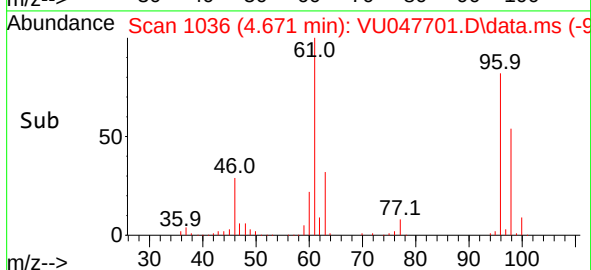
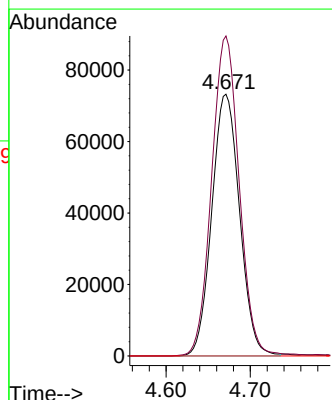
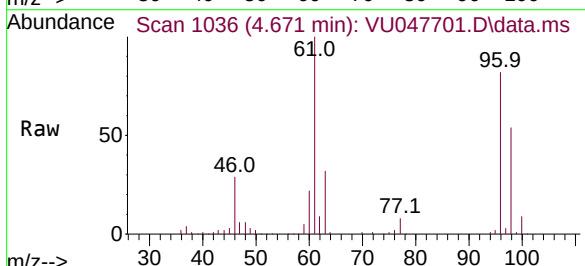
Tgt Ion: 96 Resp: 167923

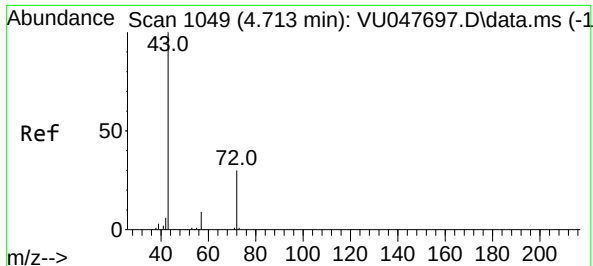
Ion Ratio Lower Upper

96 100

61 122.3 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.538 ug/L

RT: 4.716 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

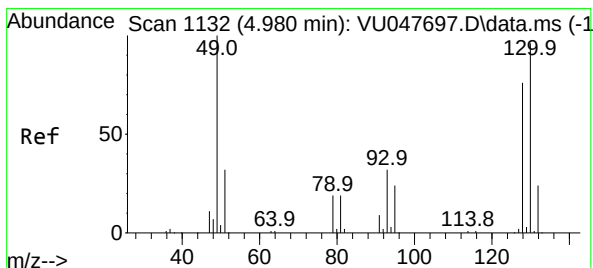
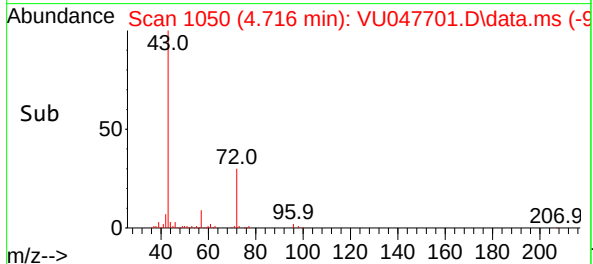
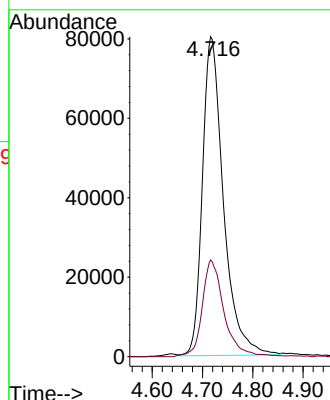
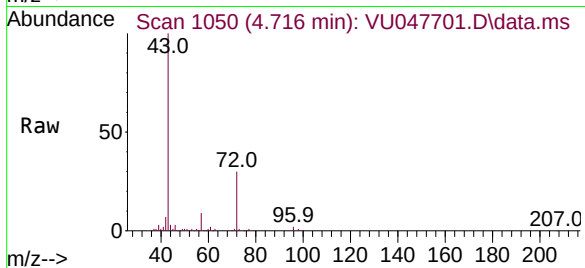
EW5Z2MSD

Tgt Ion: 43 Resp: 233590

Ion Ratio Lower Upper

43 100

72 30.8 16.0 47.9



#23

Bromochloromethane

Concen: 51.141 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Tgt Ion: 128 Resp: 71633

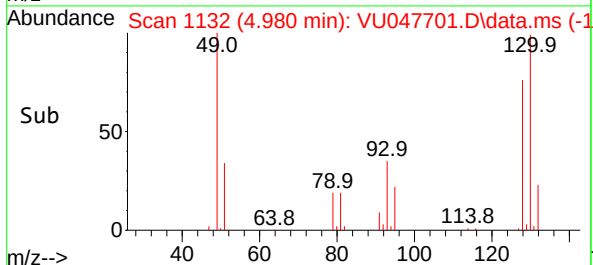
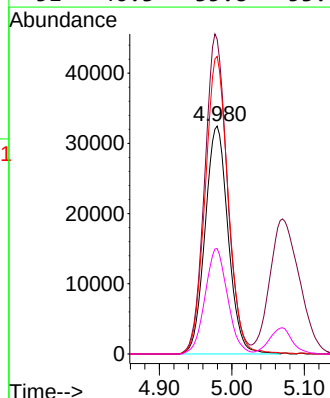
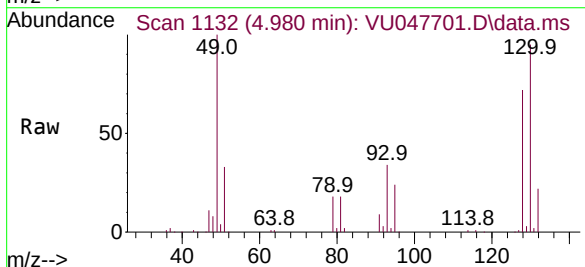
Ion Ratio Lower Upper

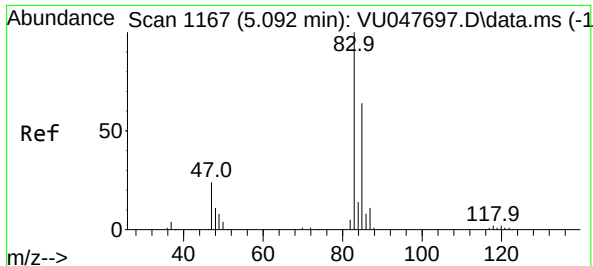
128 100

49 138.2 94.1 174.8

130 130.6 90.2 167.4

51 46.3 35.8 53.6





#25

Chloroform

Concen: 51.523 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

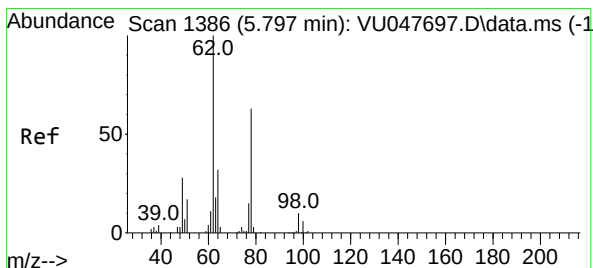
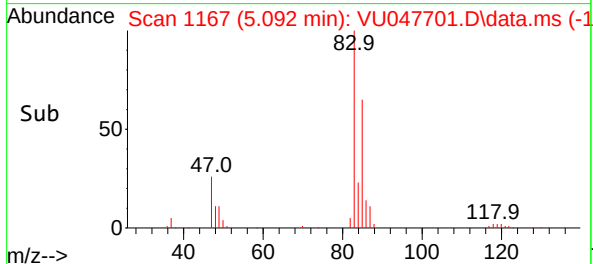
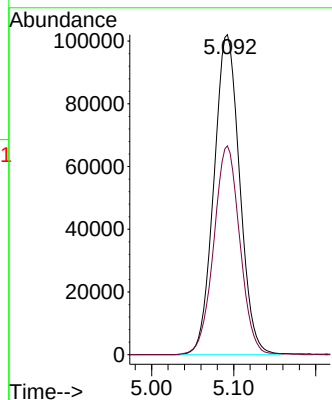
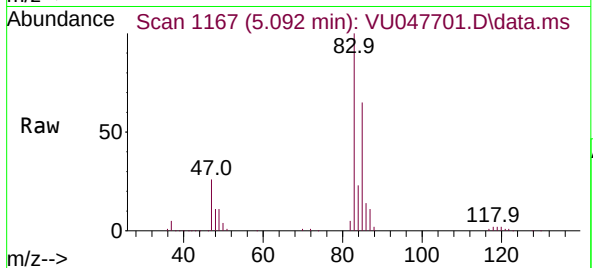
EW5Z2MSD

Tgt Ion: 83 Resp: 222624

Ion Ratio Lower Upper

83 100

85 65.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 51.987 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047701.D

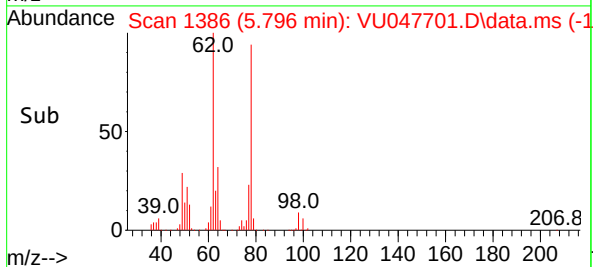
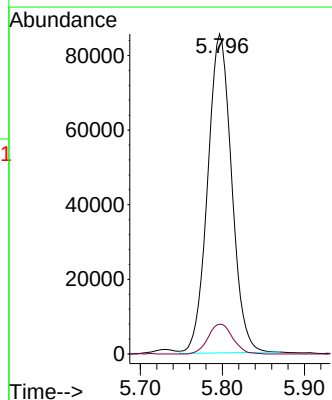
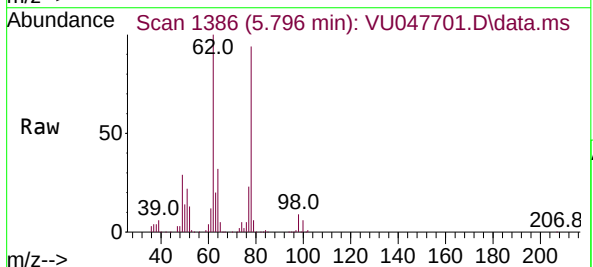
Acq: 26 Mar 2022 12:19

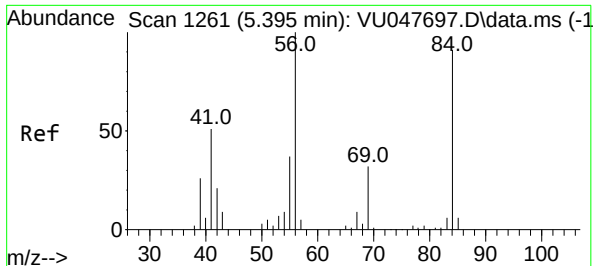
Tgt Ion: 62 Resp: 173543

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 53.328 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MSD

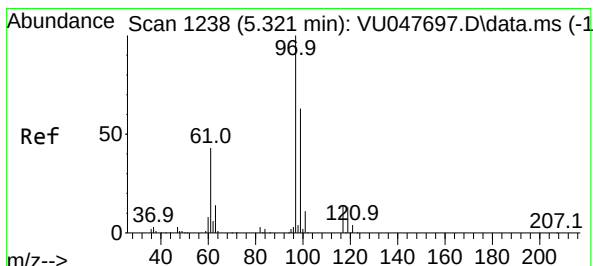
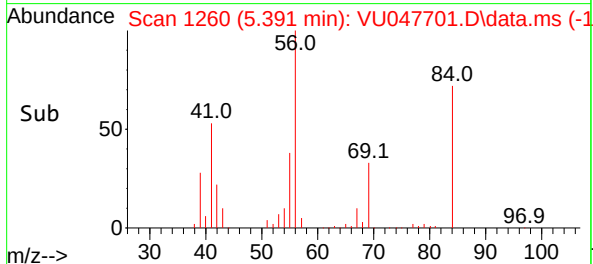
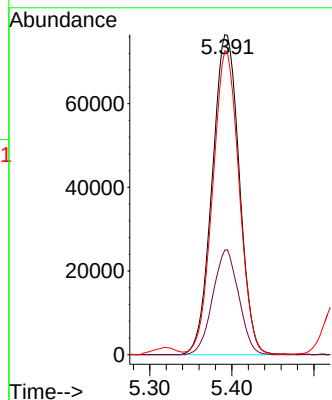
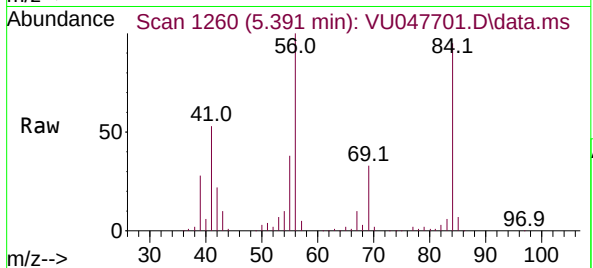
Tgt Ion: 56 Resp: 175272

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 93.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 53.440 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

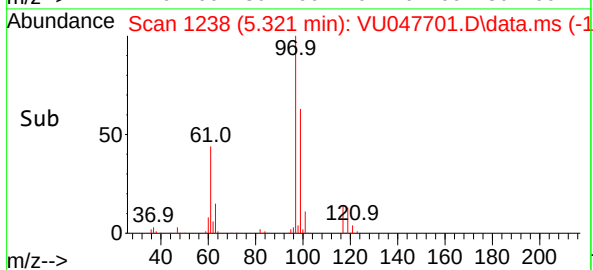
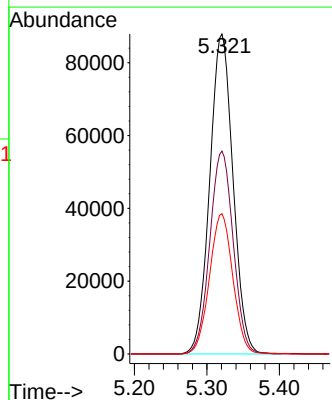
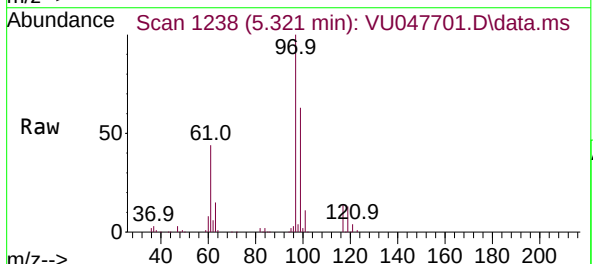
Tgt Ion: 97 Resp: 196270

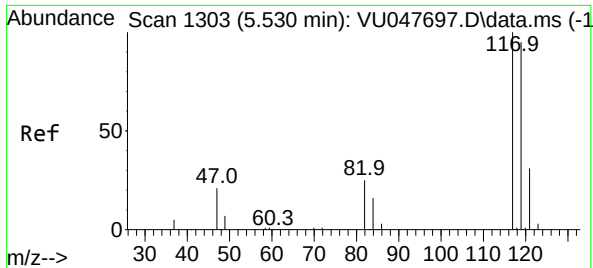
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 44.0 34.2 51.4

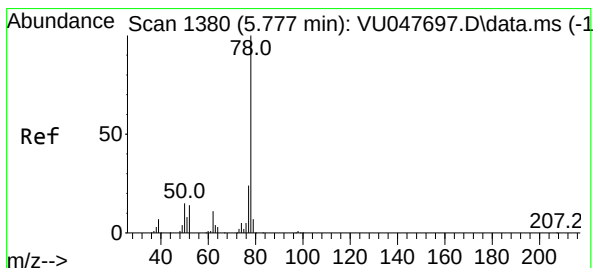
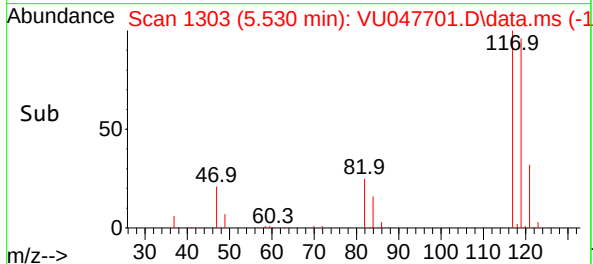
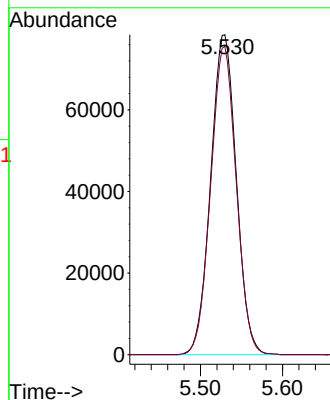
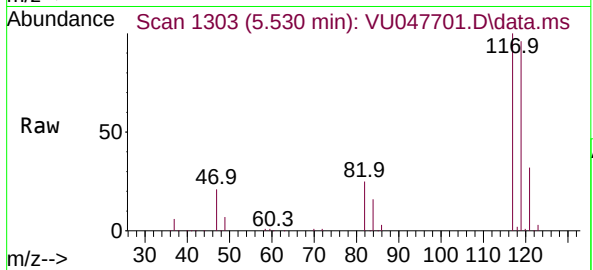




#31
Carbon tetrachloride
Concen: 51.378 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

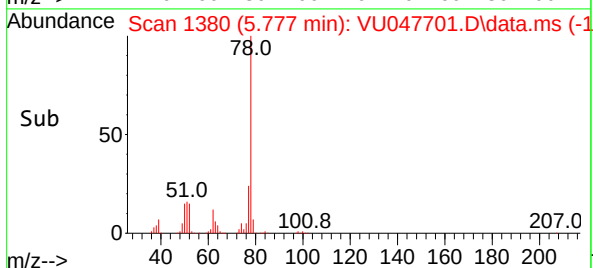
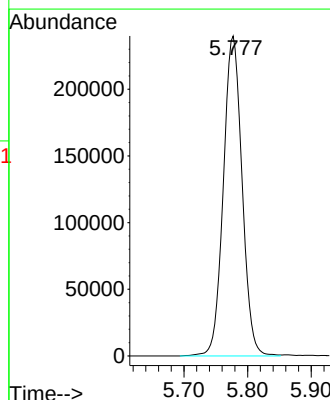
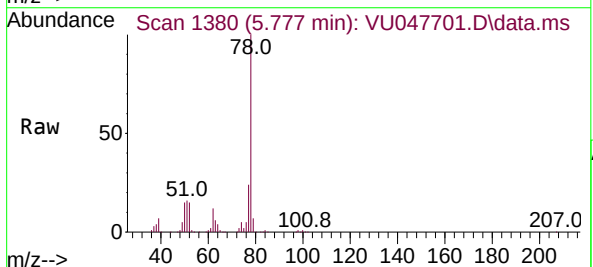
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

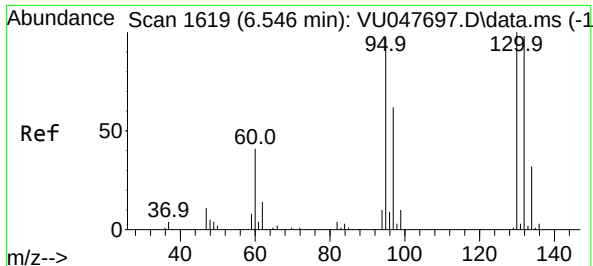
Tgt Ion:117 Resp: 170393
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8



#33
Benzene
Concen: 52.383 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 78 Resp: 491114

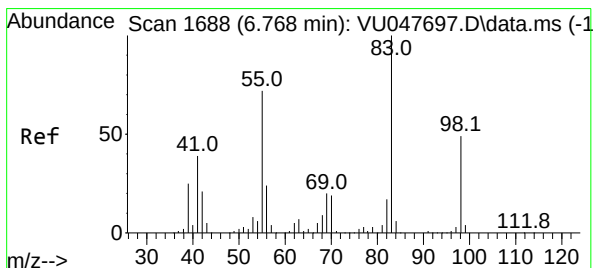
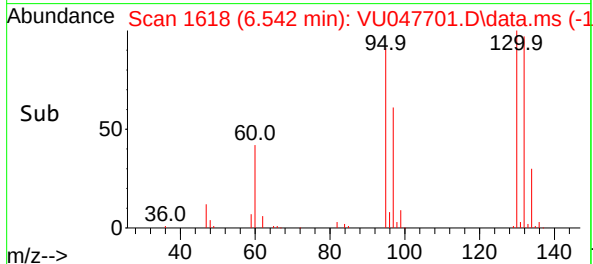
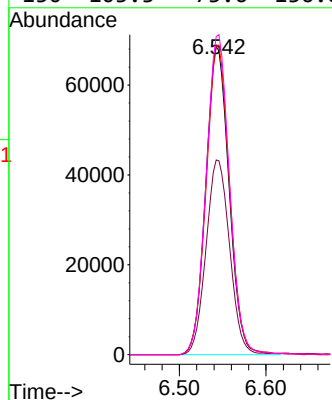
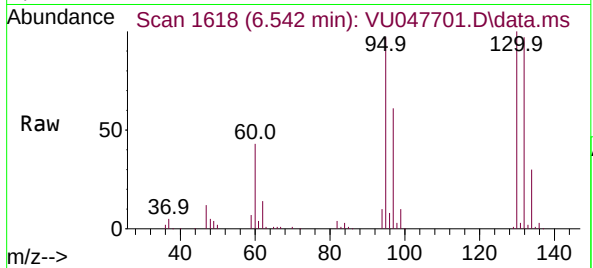




#34
Trichloroethene
Concen: 51.932 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

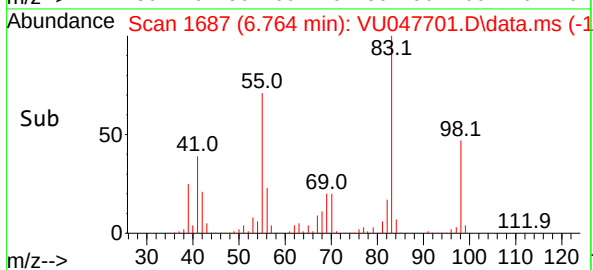
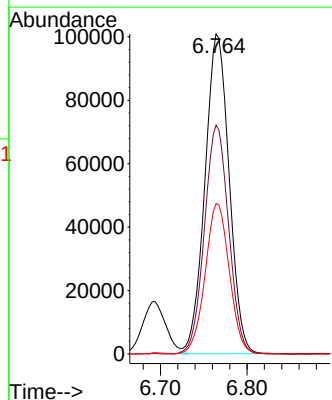
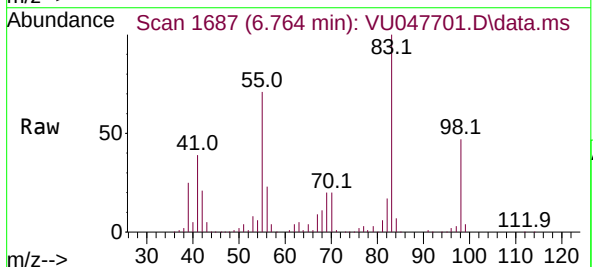
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

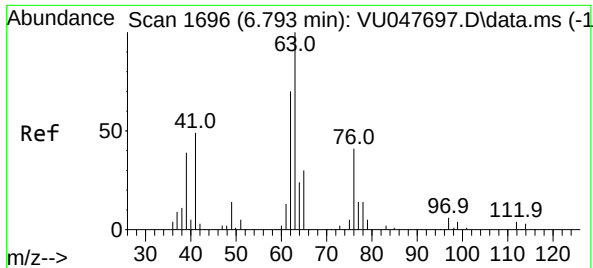
Tgt Ion: 95 Resp: 127647
Ion Ratio Lower Upper
95 100
97 63.2 44.7 82.9
132 100.2 70.4 130.8
130 103.3 73.6 136.8



#35
Methylcyclohexane
Concen: 52.395 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 83 Resp: 195925
Ion Ratio Lower Upper
83 100
55 71.5 56.8 85.2
98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 53.478 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

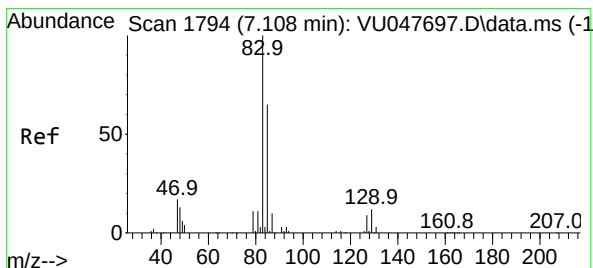
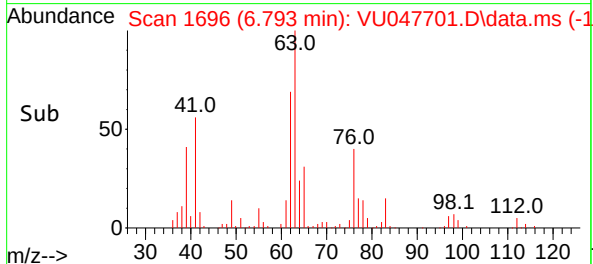
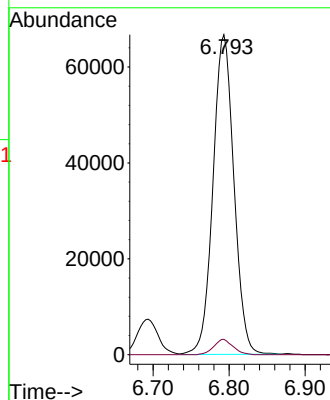
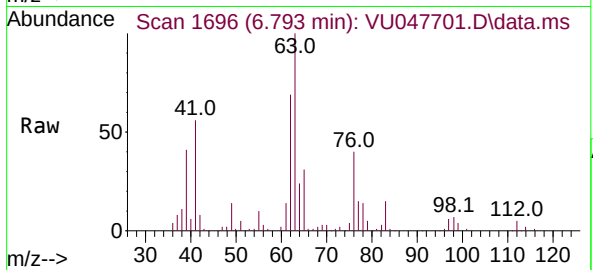
EW5Z2MSD

Tgt Ion: 63 Resp: 127457

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 52.123 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

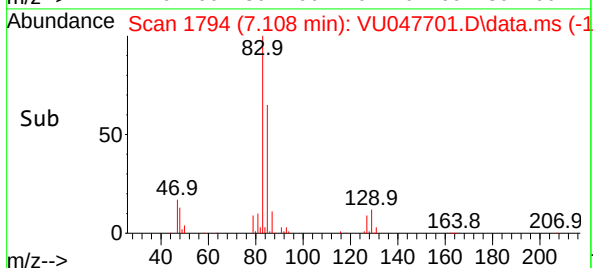
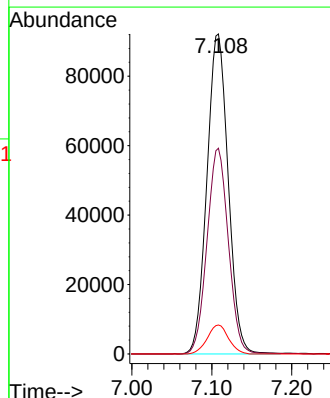
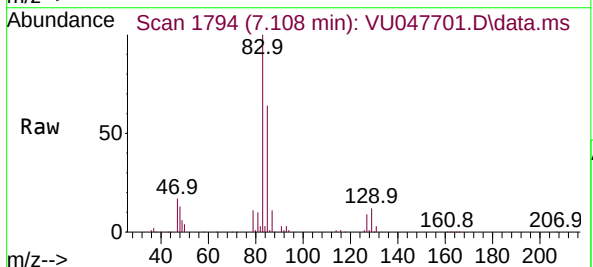
Tgt Ion: 83 Resp: 170594

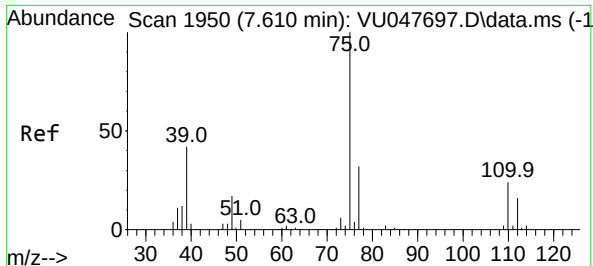
Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 53.514 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

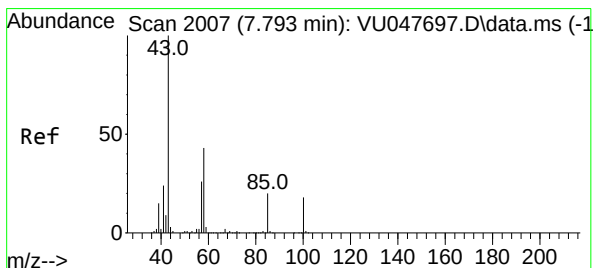
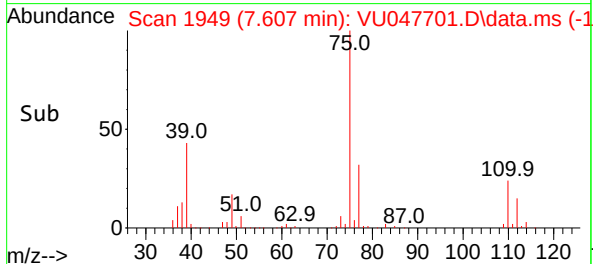
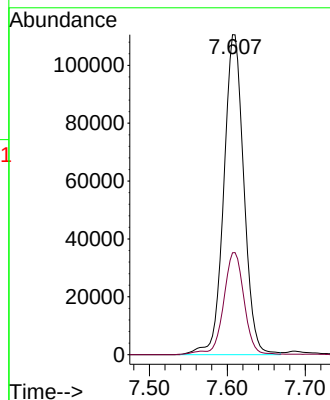
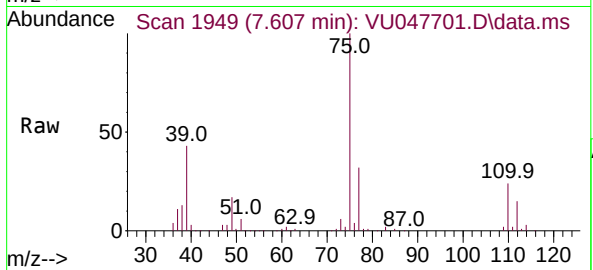
EW5Z2MSD

Tgt Ion: 75 Resp: 197903

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 109.501 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

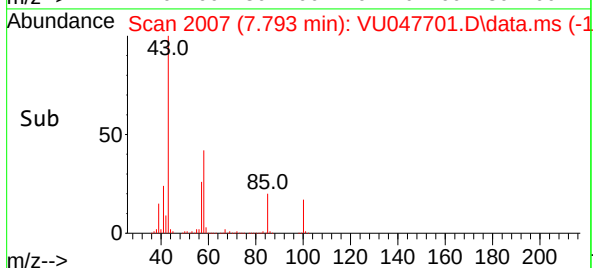
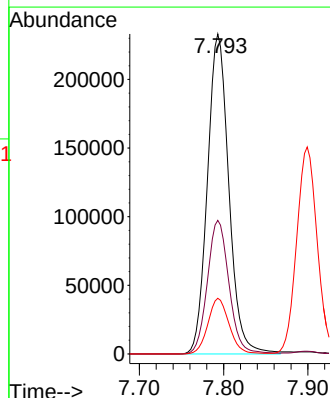
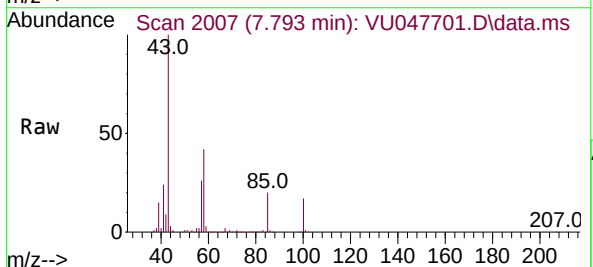
Tgt Ion: 43 Resp: 412480

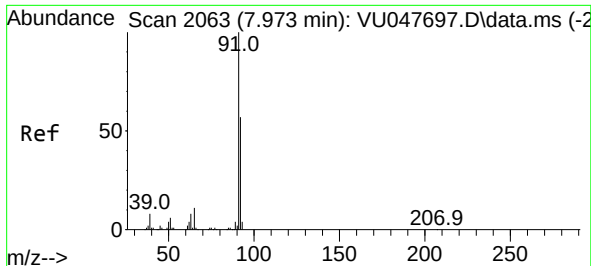
Ion Ratio Lower Upper

43 100

58 42.1 34.7 52.1

100 17.3 14.2 21.2





#42

Toluene

Concen: 52.595 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

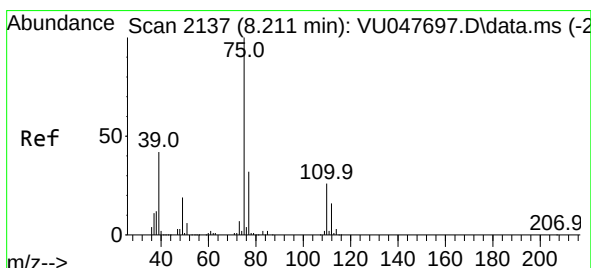
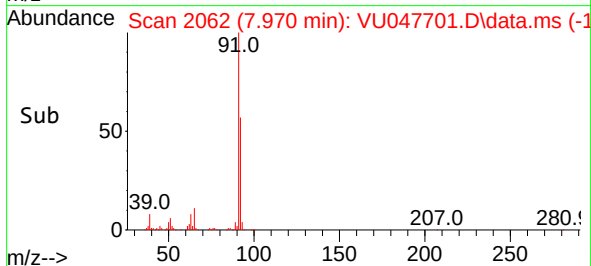
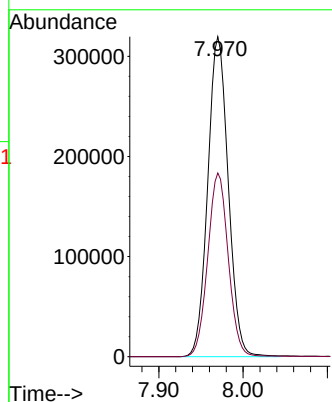
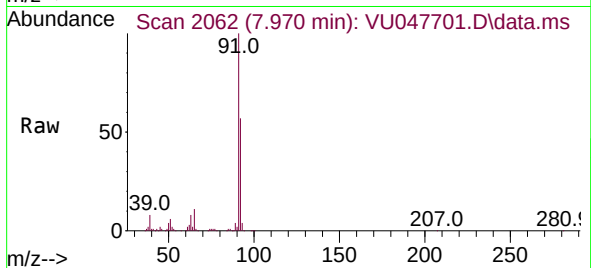
EW5Z2MSD

Tgt Ion: 91 Resp: 541053

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 53.558 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047701.D

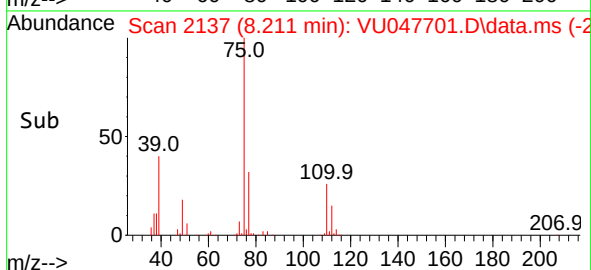
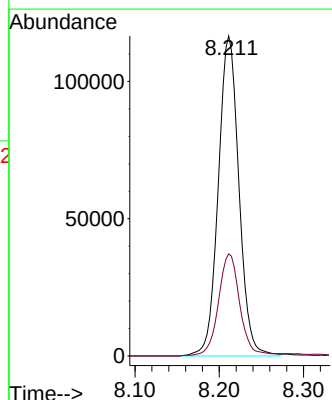
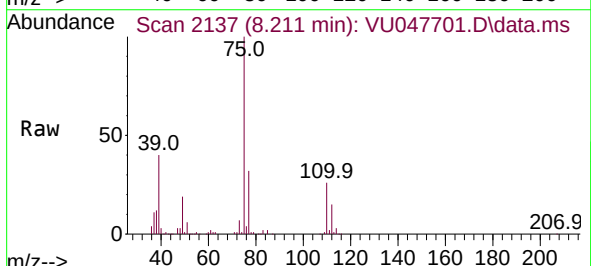
Acq: 26 Mar 2022 12:19

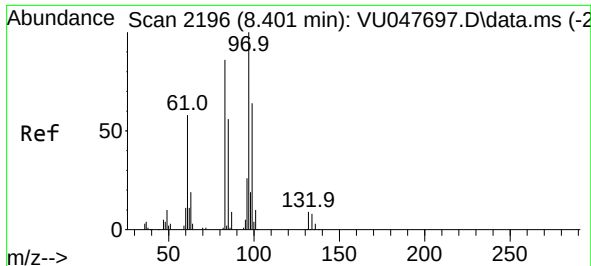
Tgt Ion: 75 Resp: 197756

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



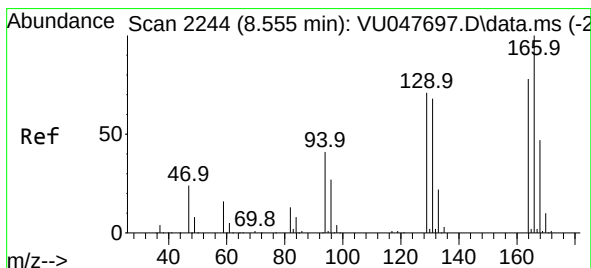
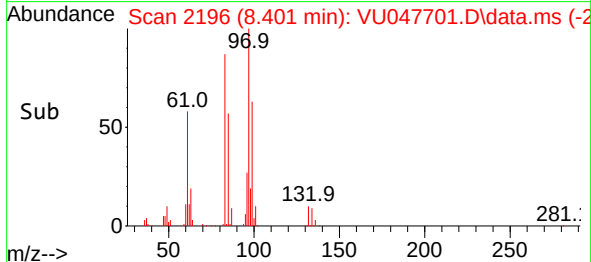
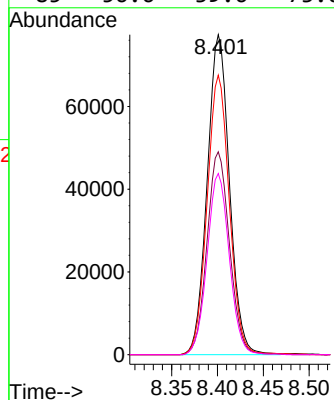
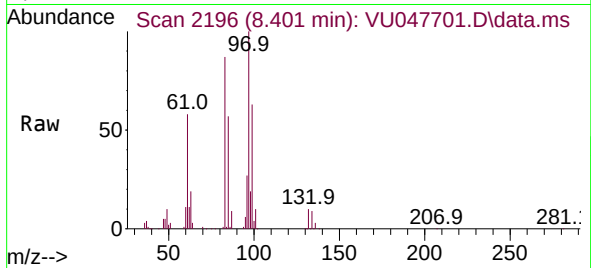


#45
1,1,2-Trichloroethane
Concen: 51.753 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

Tgt Ion: 97 Resp: 130818

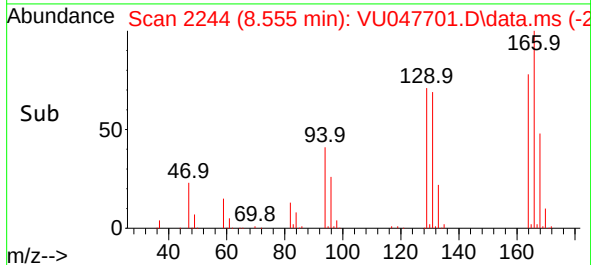
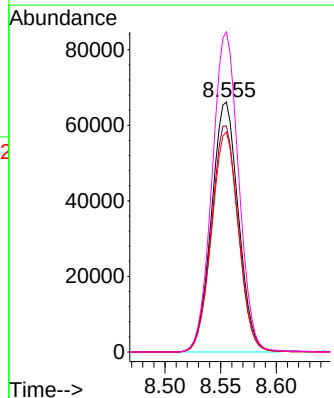
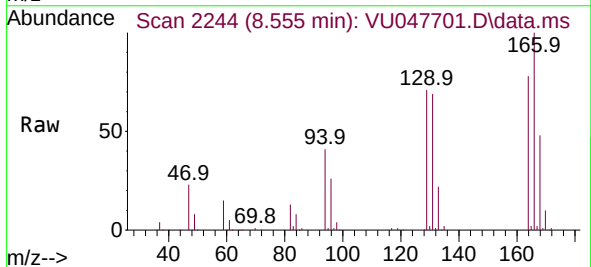
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.3	80.3
83	87.4	61.0	113.4
85	56.6	39.6	73.6

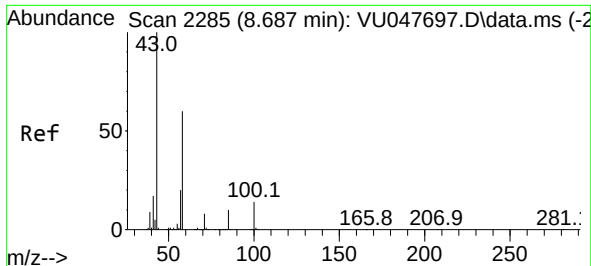


#46
Tetrachloroethene
Concen: 50.439 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 164 Resp: 111410

Ion	Ratio	Lower	Upper
164	100		
129	90.4	62.4	116.0
131	88.0	60.7	112.7
166	128.1	89.0	165.4

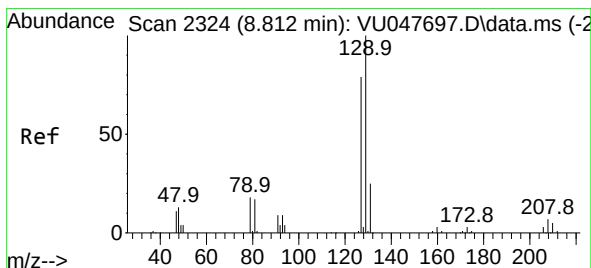
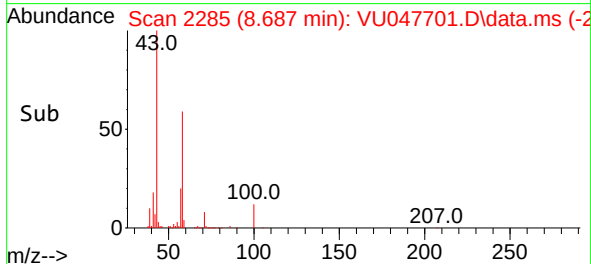
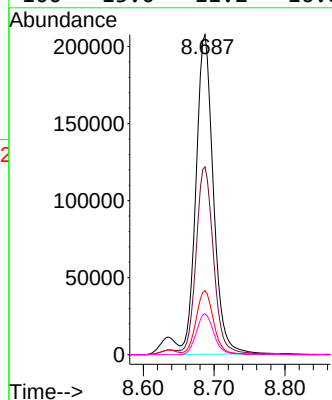
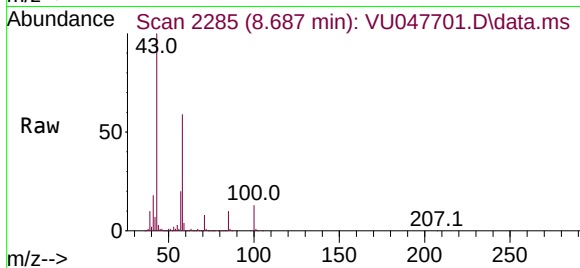




#48
2-Hexanone
Concen: 108.907 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

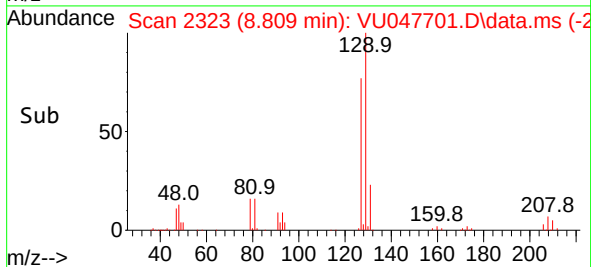
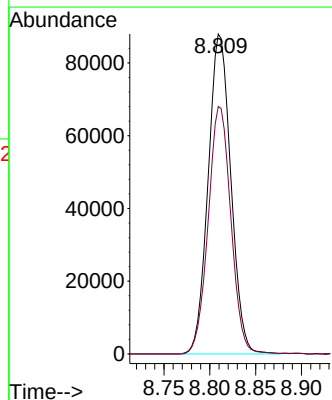
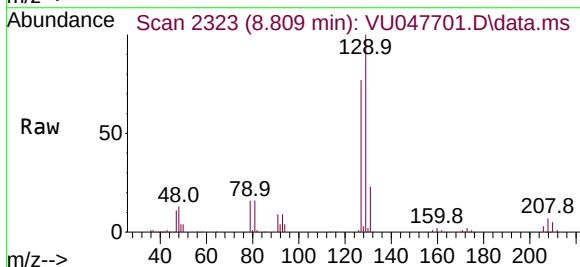
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

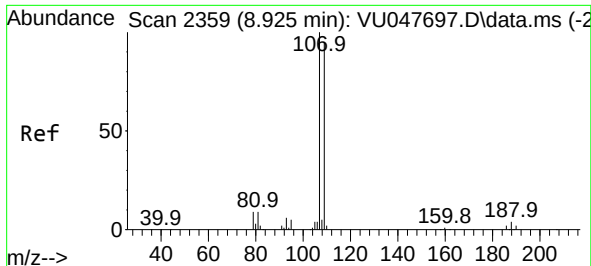
Tgt Ion:	43	Resp:	352885
Ion	Ratio	Lower	Upper
43	100		
58	58.6	48.1	72.1
57	20.2	16.2	24.4
100	13.0	11.2	16.8



#49
Dibromochloromethane
Concen: 51.849 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion:	129	Resp:	151798
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.2	100.6

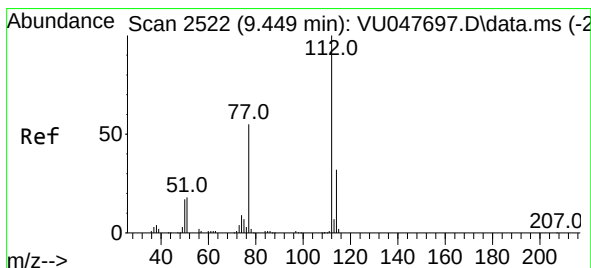
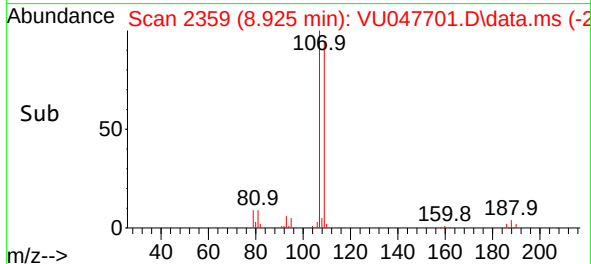
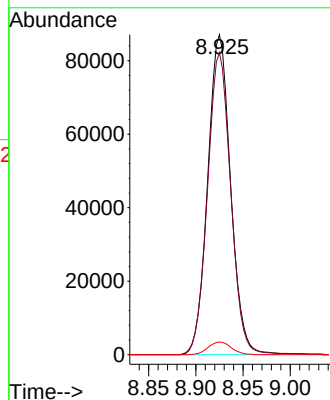
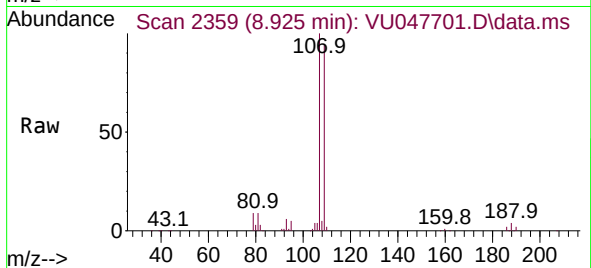




#50
1,2-Dibromoethane
Concen: 51.819 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

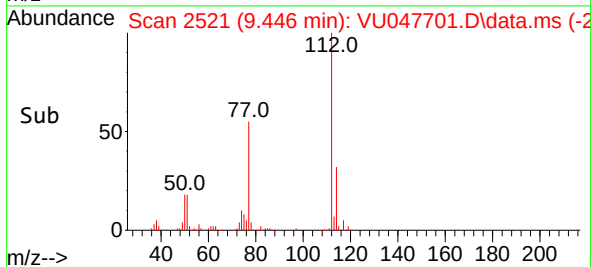
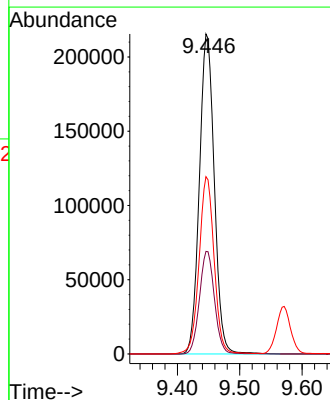
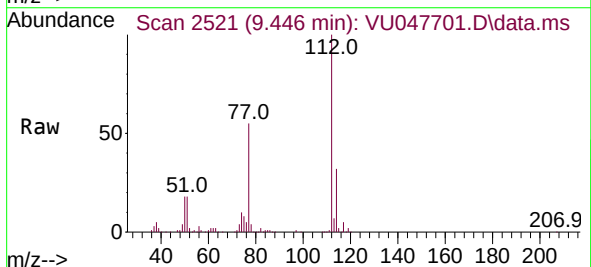
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

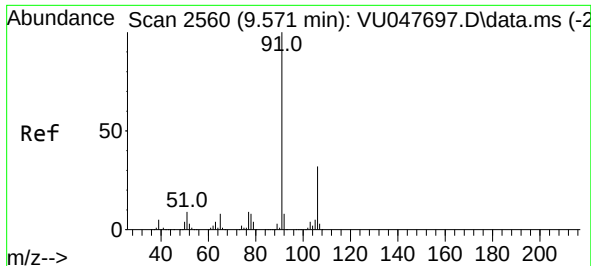
Tgt Ion:107 Resp: 146843
Ion Ratio Lower Upper
107 100
109 94.4 66.6 123.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 51.373 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion:112 Resp: 358833
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.4 43.4 65.0

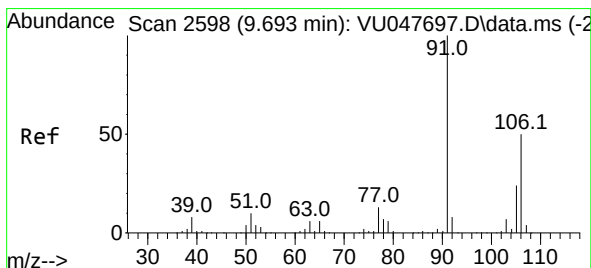
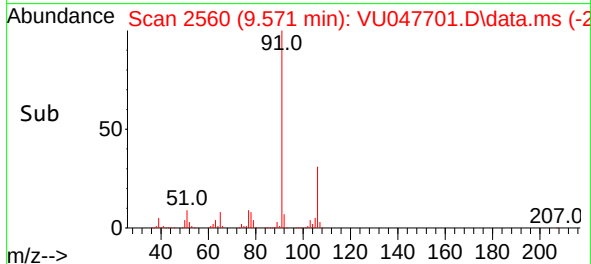
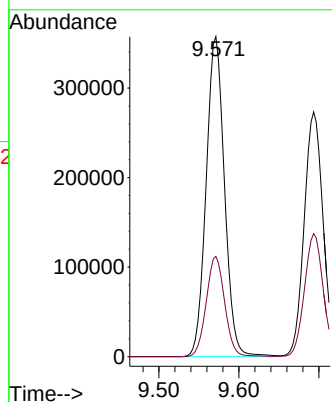
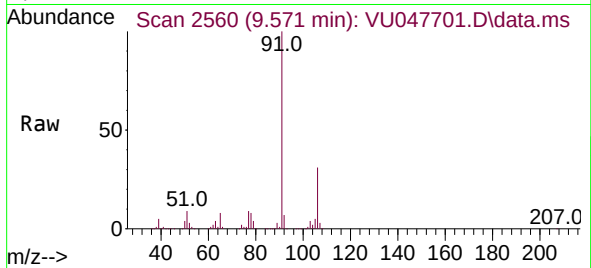




#52
Ethylbenzene
Concen: 52.789 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

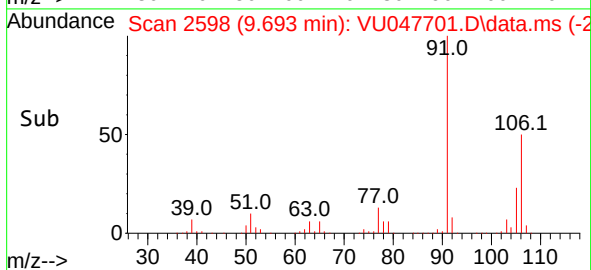
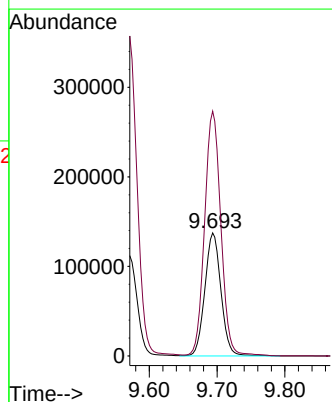
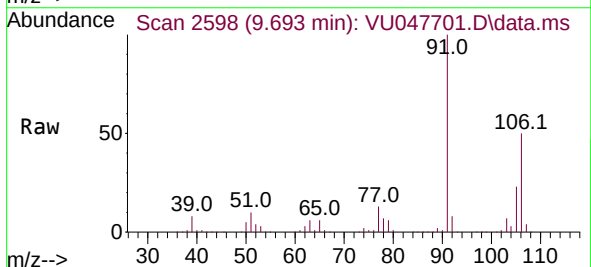
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

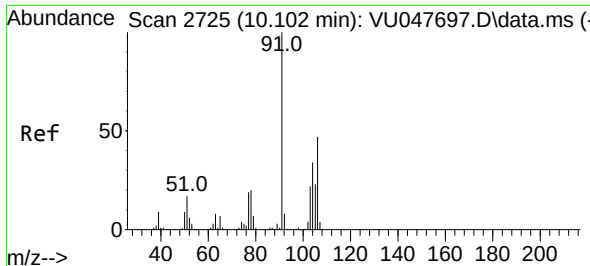
Tgt Ion: 91 Resp: 570994
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 53.400 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 106 Resp: 226637
Ion Ratio Lower Upper
106 100
91 198.8 137.7 255.7

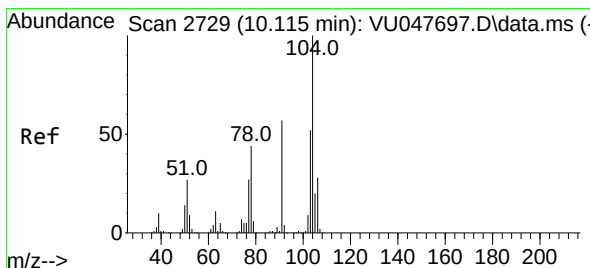
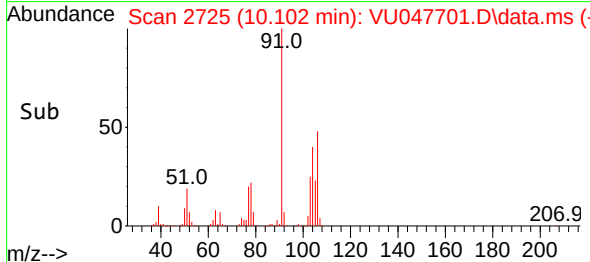
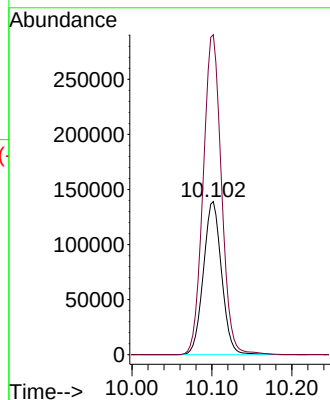
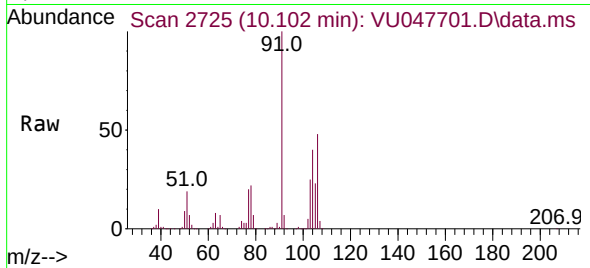




#54
o-Xylene
Concen: 52.951 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

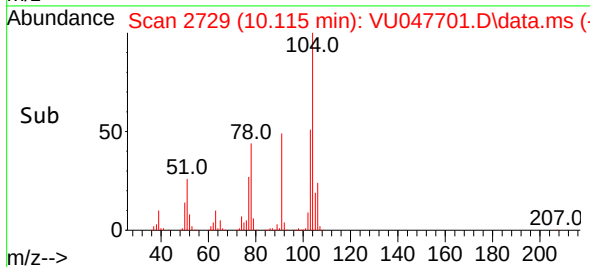
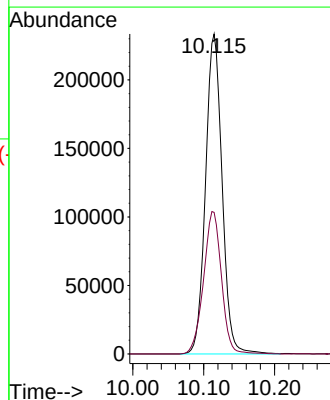
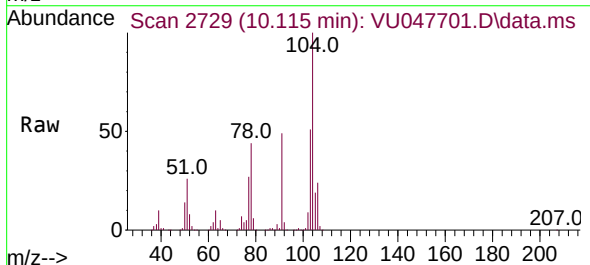
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

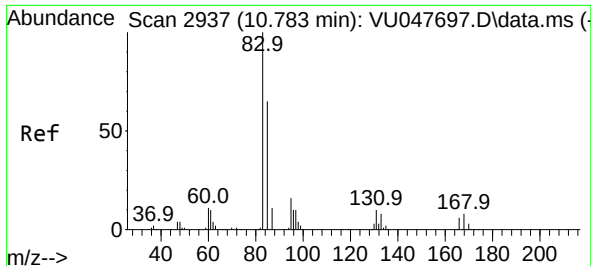
Tgt Ion:106 Resp: 220568
Ion Ratio Lower Upper
106 100
91 208.9 146.7 272.5



#55
Styrene
Concen: 53.316 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion:104 Resp: 379176
Ion Ratio Lower Upper
104 100
78 44.3 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 52.144 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MSD

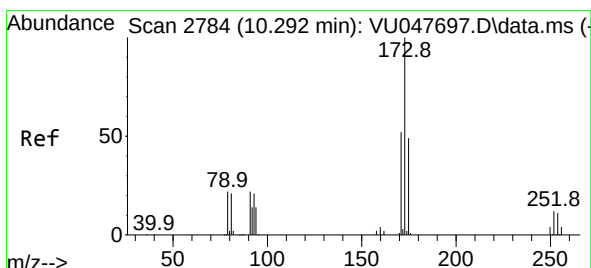
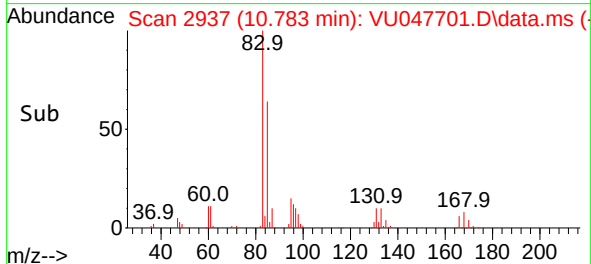
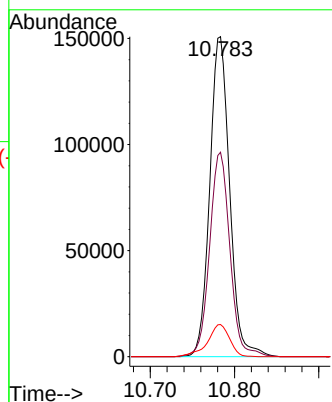
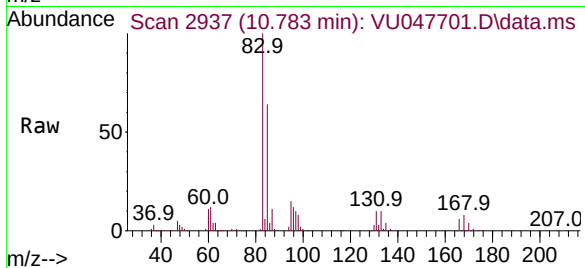
Tgt Ion: 83 Resp: 247102

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

131 10.1 8.6 13.0



#59

Bromoform

Concen: 50.605 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

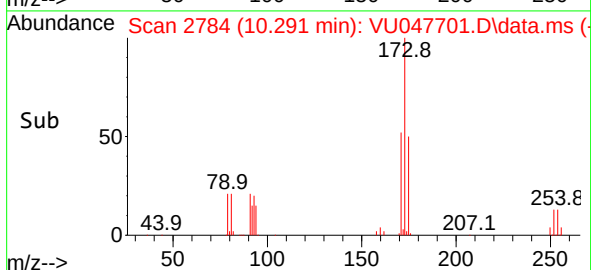
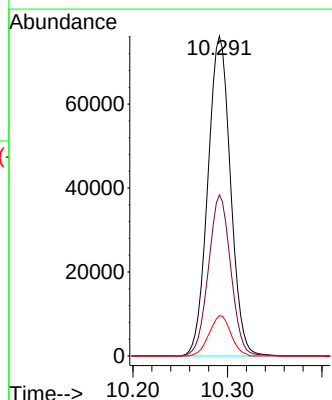
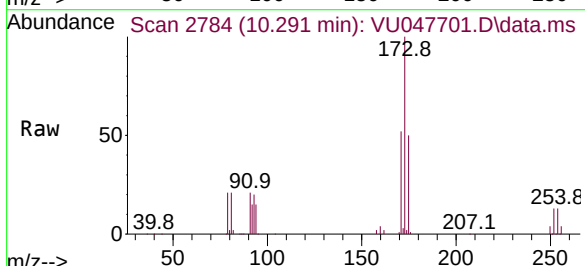
Tgt Ion:173 Resp: 126875

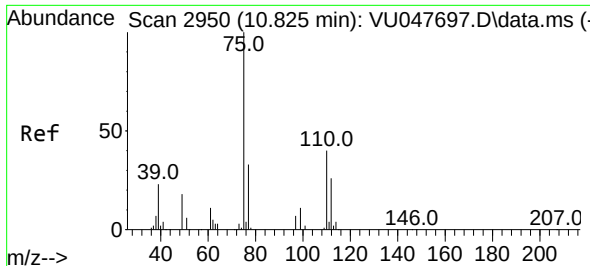
Ion Ratio Lower Upper

173 100

175 49.6 38.7 58.1

254 12.1 9.6 14.4

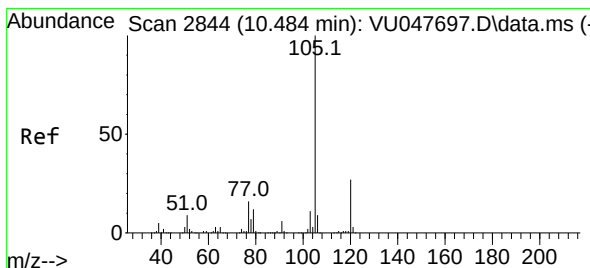
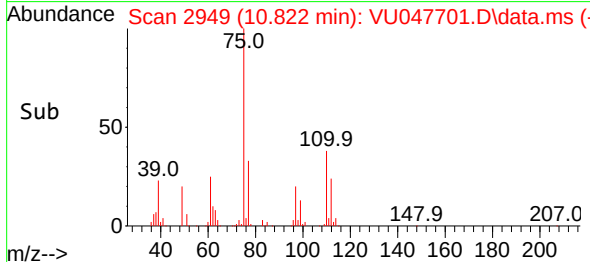
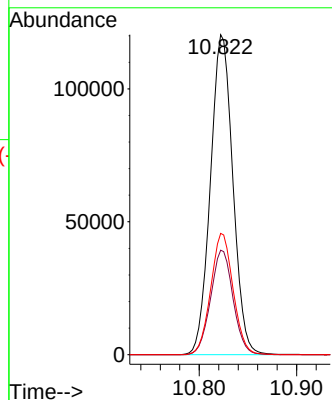
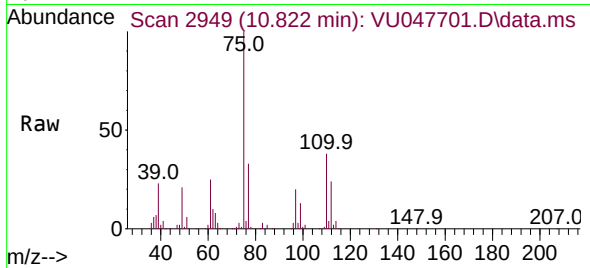




#60
1,2,3-Trichloropropane
Concen: 52.118 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

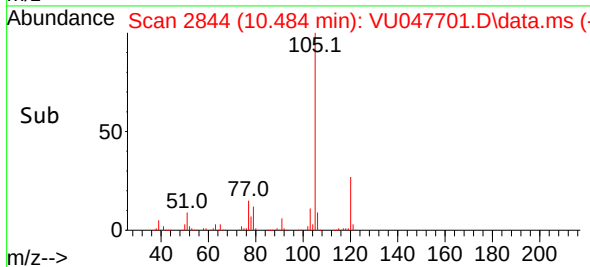
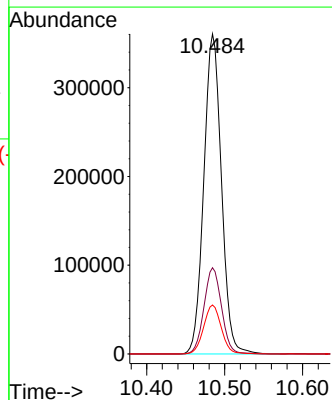
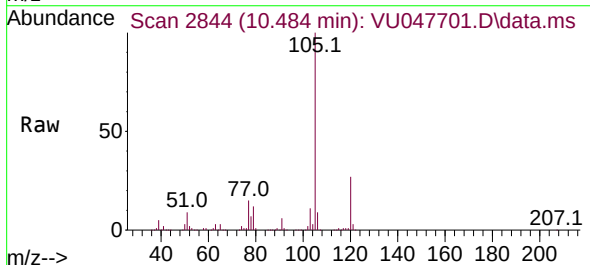
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

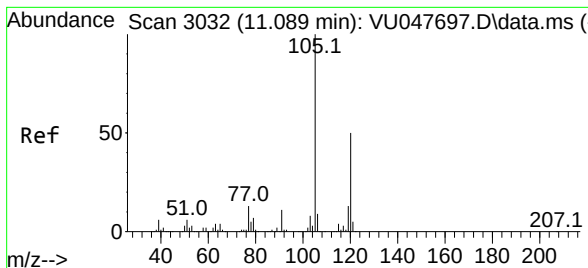
Tgt Ion: 75 Resp: 192641
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 37.8 31.4 47.2



#61
Isopropylbenzene
Concen: 53.484 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion: 105 Resp: 566747
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 15.3 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 53.103 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

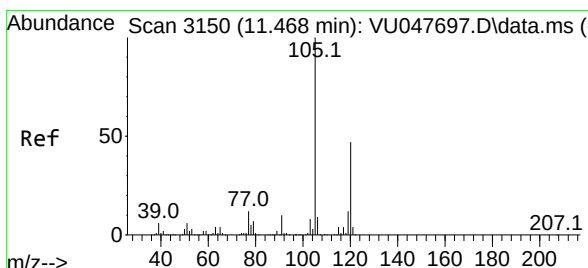
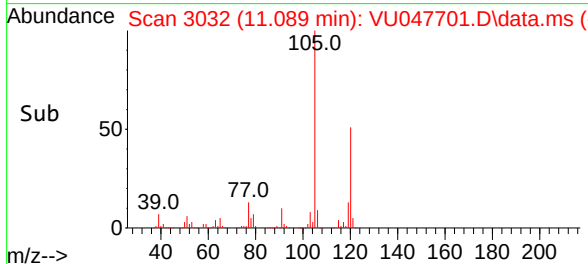
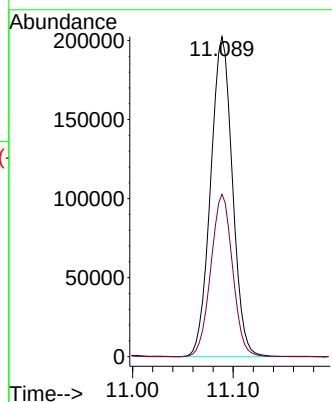
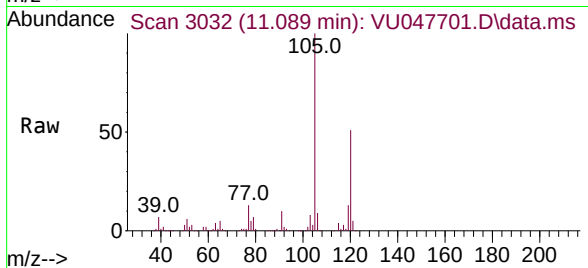
EW5Z2MSD

Tgt Ion:105 Resp: 305310

Ion Ratio Lower Upper

105 100

120 50.6 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 54.245 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047701.D

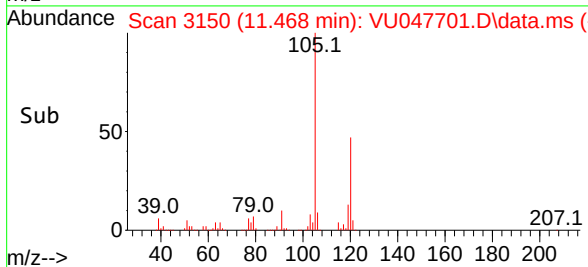
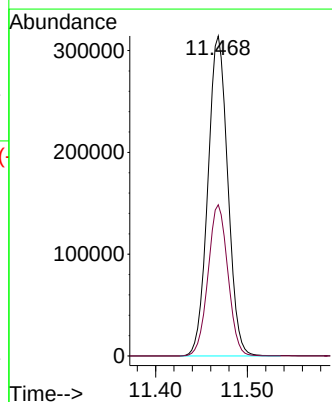
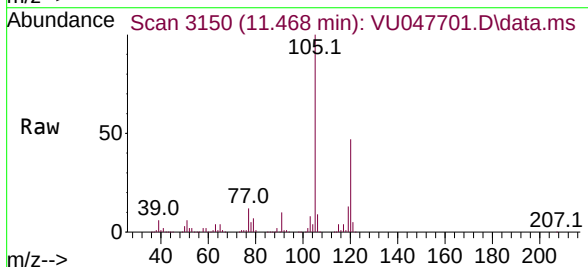
Acq: 26 Mar 2022 12:19

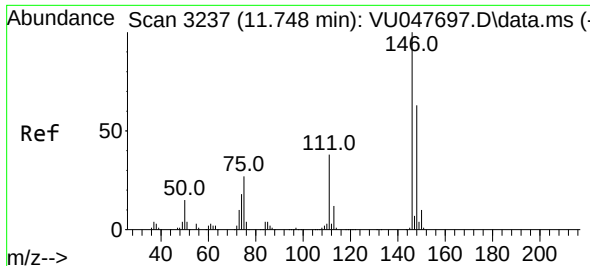
Tgt Ion:105 Resp: 473731

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4

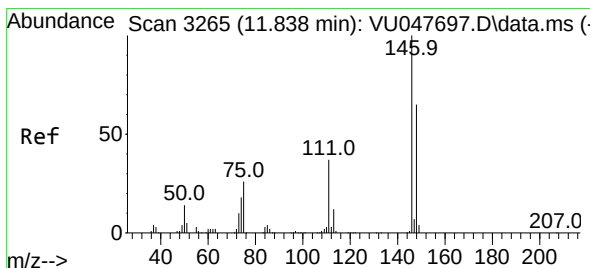
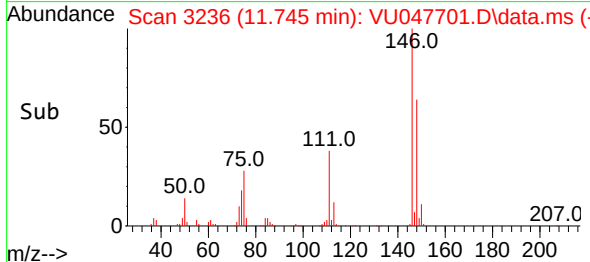
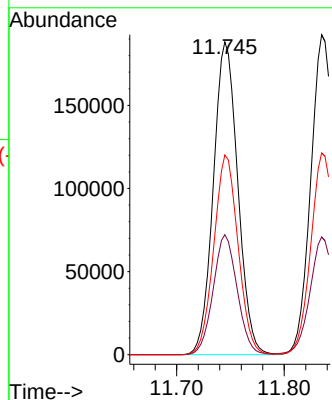
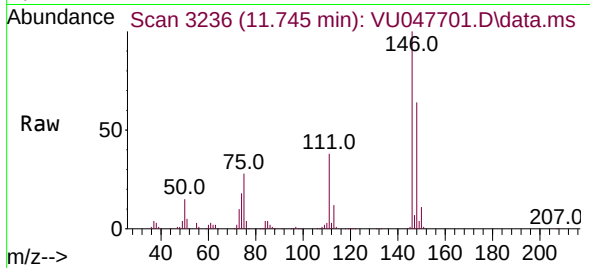




#64
1,3-Dichlorobenzene
Concen: 50.447 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

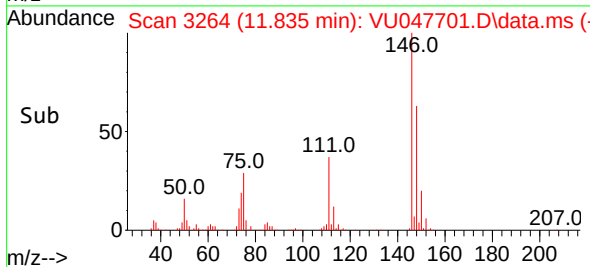
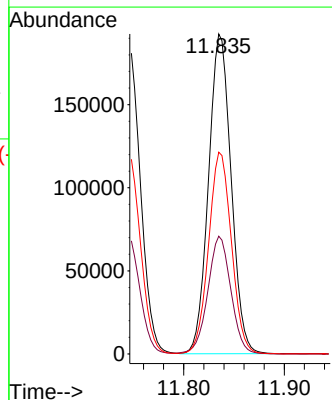
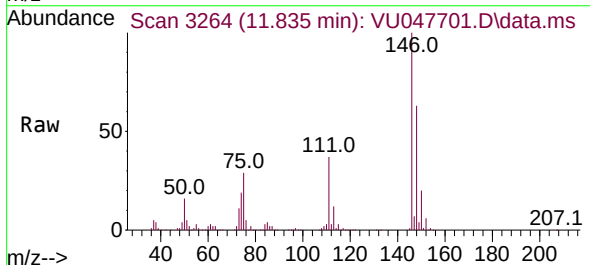
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MSD

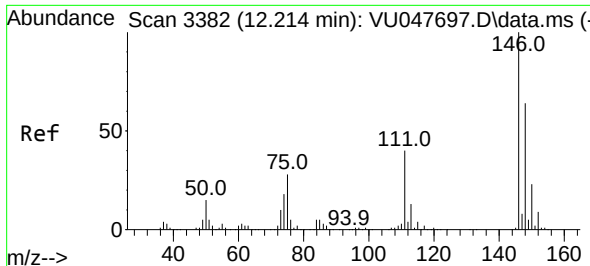
Tgt Ion:146 Resp: 297122
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.228 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047701.D
Acq: 26 Mar 2022 12:19

Tgt Ion:146 Resp: 300322
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 63.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 51.184 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MSD

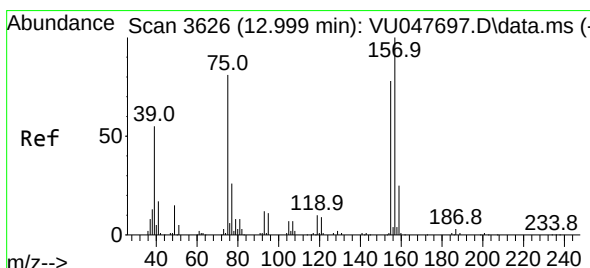
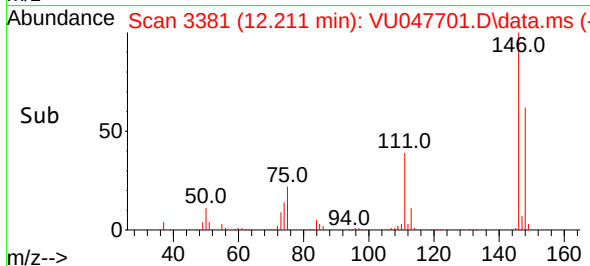
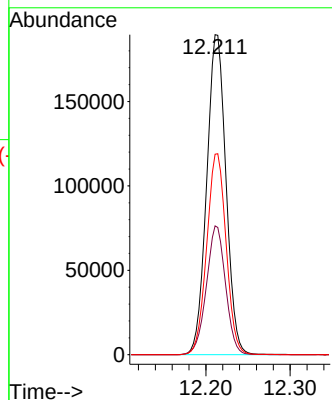
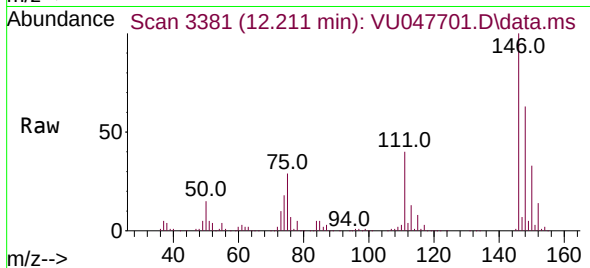
Tgt Ion:146 Resp: 301642

Ion Ratio Lower Upper

146 100

111 40.2 31.7 47.5

148 62.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.414 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

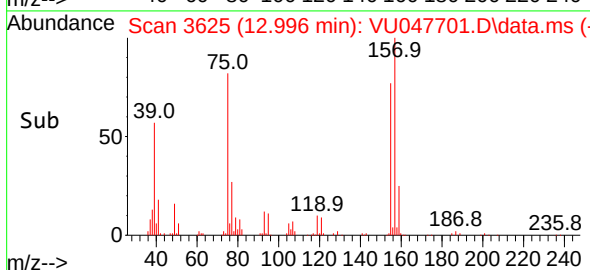
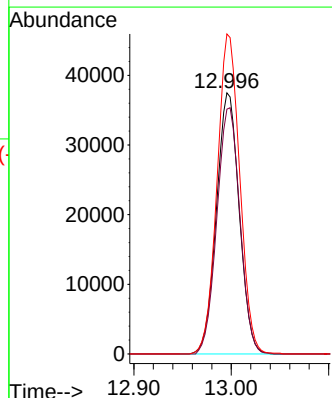
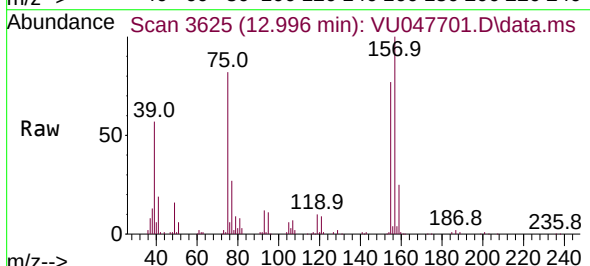
Tgt Ion: 75 Resp: 60873

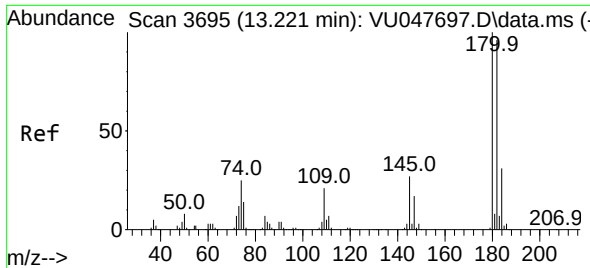
Ion Ratio Lower Upper

75 100

155 93.8 78.9 118.3

157 122.6 97.5 146.3

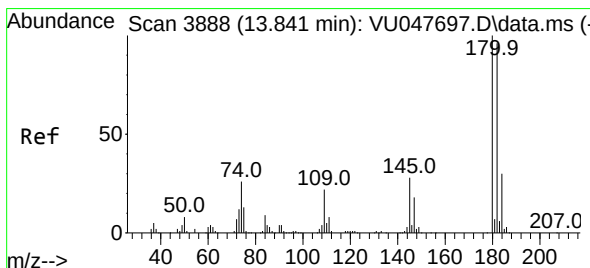
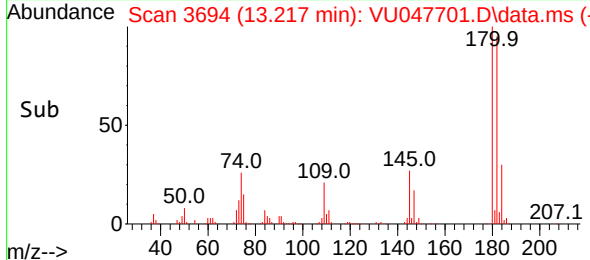
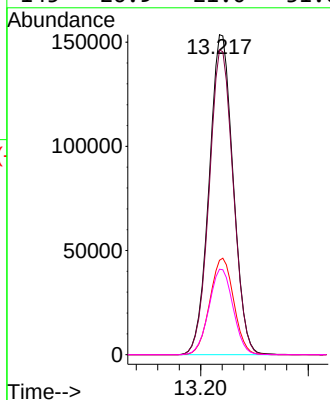
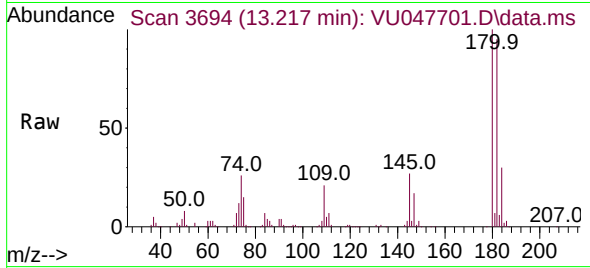




#69
 1,3,5-Trichlorobenzene
 Concen: 49.682 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

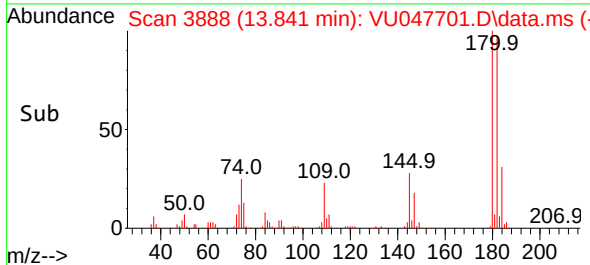
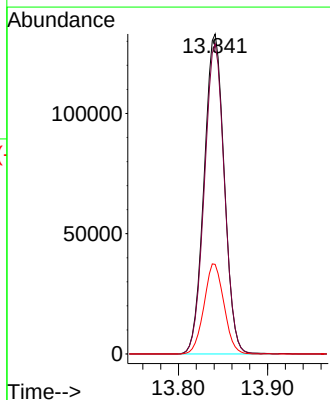
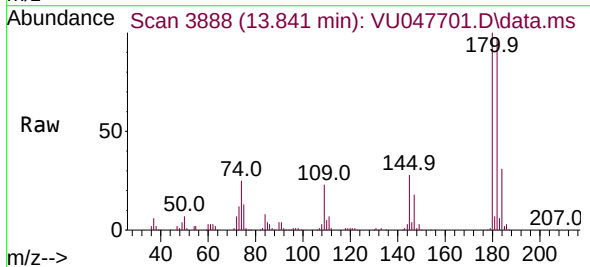
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MSD

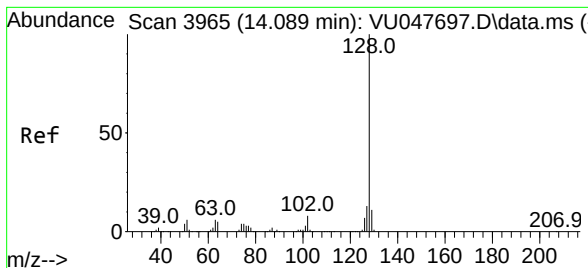
Tgt Ion:180	Resp:	237648
Ion Ratio	Lower	Upper
180	100	
182	95.6	77.0 115.6
184	30.1	24.5 36.7
145	26.9	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 49.840 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047701.D
 Acq: 26 Mar 2022 12:19

Tgt Ion:180	Resp:	208816
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.2 114.2
145	27.9	21.8 32.8





#71

Naphthalene

Concen: 53.316 ug/L

RT: 14.085 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MSD

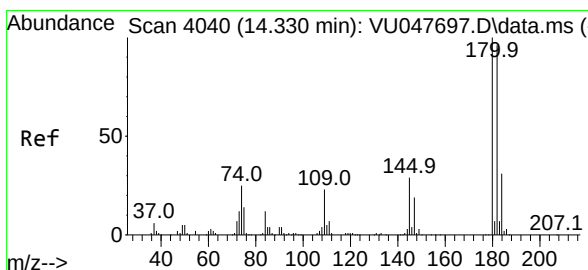
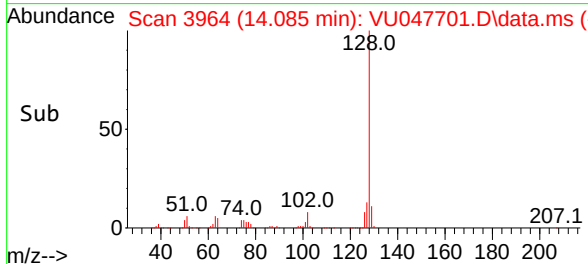
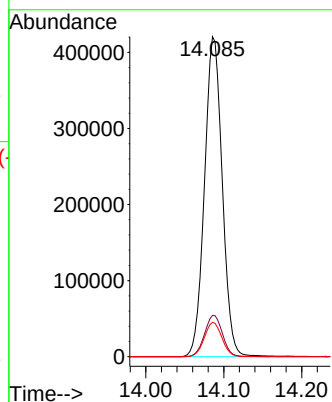
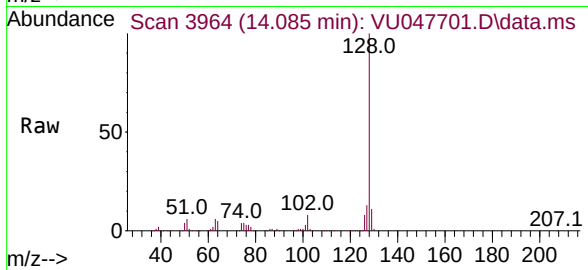
Tgt Ion:128 Resp: 665994

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.745 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047701.D

Acq: 26 Mar 2022 12:19

Tgt Ion:180 Resp: 213137

Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.0

145 29.1 22.8 34.2

