

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050147.D
 Acq On : 08 Aug 2022 20:09
 Operator : SY/MD
 Sample : N4070-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3MSD

Quant Time: Aug 09 01:59:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.308	114	84530	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.433	117	86333	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	41393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	40390	5.742	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.938	69	32751	5.771	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.597	65	15990	5.816	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.400%
20) 2-Butanone-d5	4.700	46	79620	46.413	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.820%
24) Chloroform-d	5.118	84	74858	5.721	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	5.777	65	36203	5.389	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.800	84	142956	5.306	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.742	67	48131	5.425	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.925	98	130877	5.500	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	8.205	79	16504	5.191	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.658	63	69174	61.357	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.720%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41977	5.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	41590	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.392	85	41247	5.322	ug/L	99
3) Chloromethane	1.530	50	53321	5.260	ug/L	99
5) Vinyl chloride	1.617	62	49406	5.440	ug/L	100
6) Bromomethane	1.884	94	31743	5.476	ug/L	99
8) Chloroethane	1.961	64	33135	6.192	ug/L	97
9) Trichlorofluoromethane	2.166	101	54995	5.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.610	101	28382	5.130	ug/L	97
12) 1,1-Dichloroethene	2.610	96	30780	5.268	ug/L	95
13) Acetone	2.684	43	38551	40.352	ug/L	91
14) Carbon disulfide	2.822	76	100651	4.823	ug/L	99
15) Methyl Acetate	3.002	43	13949	5.348	ug/L	90
16) Methylene chloride	3.080	84	37422	4.192	ug/L	94
17) Methyl tert-butyl Ether	3.424	73	90312	5.922	ug/L	98
18) trans-1,2-Dichloroethene	3.388	96	33969	5.192	ug/L	86
19) 1,1-Dichloroethane	3.912	63	69672	5.624	ug/L	100
21) 2-Butanone	4.777	43	73728	42.916	ug/L	98
22) cis-1,2-Dichloroethene	4.697	96	87284	12.020	ug/L	93
23) Bromochloromethane	5.022	128	18525	5.338	ug/L	97
25) Chloroform	5.144	83	71705	5.429	ug/L	96

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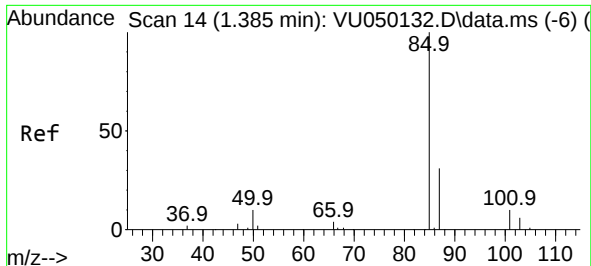
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.867	62	44343	5.516	ug/L	99
29) 1,1,1-Trichloroethane	5.379	97	54985	5.192	ug/L	98
30) Cyclohexane	5.446	56	43982	4.766	ug/L	100
31) Carbon tetrachloride	5.597	117	44925	5.175	ug/L	99
33) Benzene	5.845	78	157969	5.222	ug/L	100
34) Trichloroethene	6.594	95	1430188	195.497	ug/L	97
35) Methylcyclohexane	6.809	83	49080	5.197	ug/L	99
37) 1,2-Dichloropropane	6.841	63	42249	5.244	ug/L	99
38) Bromodichloromethane	7.147	83	51710	5.284	ug/L	98
39) cis-1,3-Dichloropropene	7.639	75	52024	4.948	ug/L	99
40) 4-Methyl-2-pentanone	7.829	43	252768	54.164	ug/L	100
42) Toluene	7.996	91	162305	5.350	ug/L	98
44) trans-1,3-Dichloropropene	8.237	75	44223	4.904	ug/L	97
45) 1,1,2-Trichloroethane	8.423	97	31968	5.308	ug/L	95
47) Tetrachloroethene	8.575	164	26874	5.127	ug/L	97
48) 2-Hexanone	8.710	43	204996	56.795	ug/L	97
49) Dibromochloromethane	8.832	129	35380	5.307	ug/L	95
50) 1,2-Dibromoethane	8.944	107	29433	5.390	ug/L	97
51) Chlorobenzene	9.462	112	97140	5.089	ug/L	98
52) Ethylbenzene	9.584	91	146389	4.945	ug/L	100
53) m,p-Xylene	9.706	106	56927	5.222	ug/L	98
54) o-Xylene	10.111	106	56510	5.193	ug/L	98
55) Styrene	10.124	104	93657	5.152	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	42252	5.339	ug/L	97
59) Bromoform	10.301	173	19755	4.759	ug/L	98
60) Isopropylbenzene	10.494	105	137985	4.992	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	28470	5.049	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	35048	4.487	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	100235	4.711	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	69821	5.011	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	66642	4.915	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	68229	5.057	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	6115	5.531	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	46409	4.676	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	37715	5.015	ug/L	98
71) Naphthalene	14.089	128	73853	4.789	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38759	5.084	ug/L	98

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

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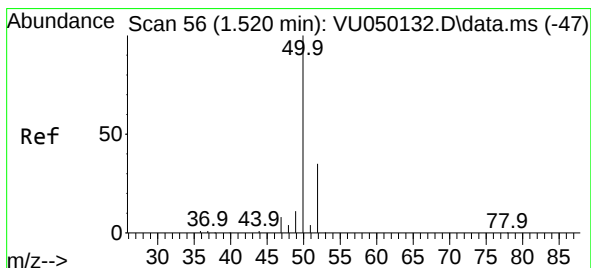
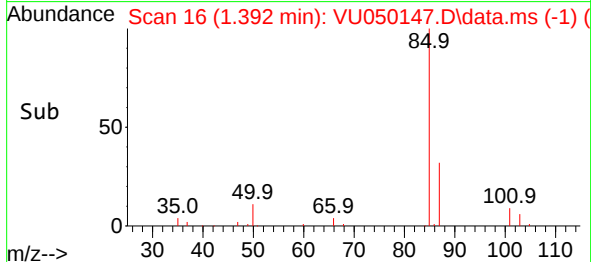
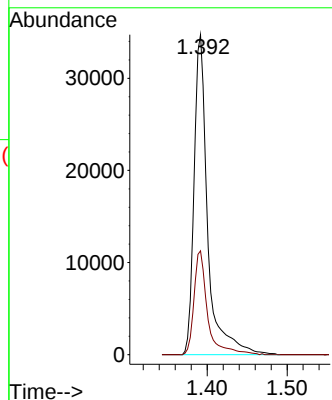
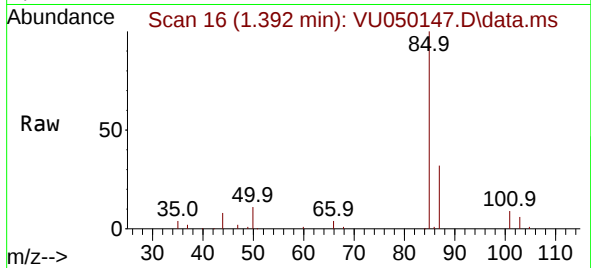




#2
Dichlorodifluoromethane
Concen: 5.322 ug/L
RT: 1.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

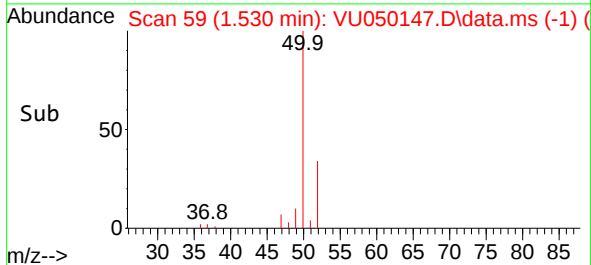
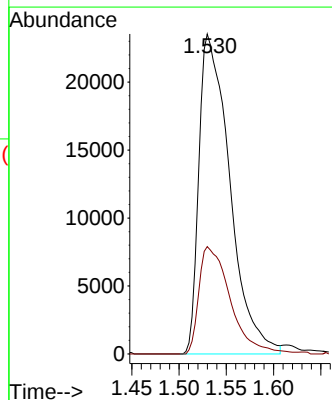
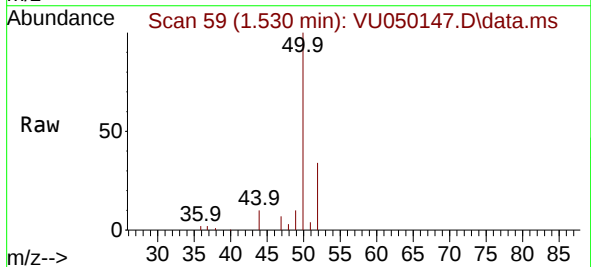
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

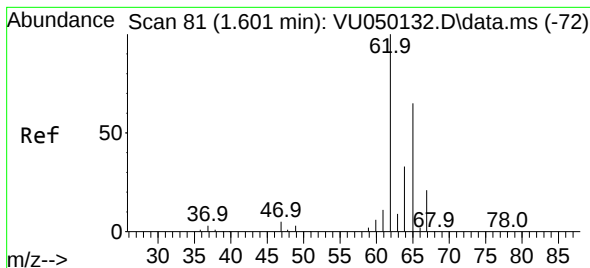
Tgt Ion: 85 Resp: 41247
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 5.260 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.010 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 50 Resp: 53321
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2





#5

Vinyl chloride

Concen: 5.440 ug/L

RT: 1.617 min Scan# 81

Delta R.T. 0.016 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

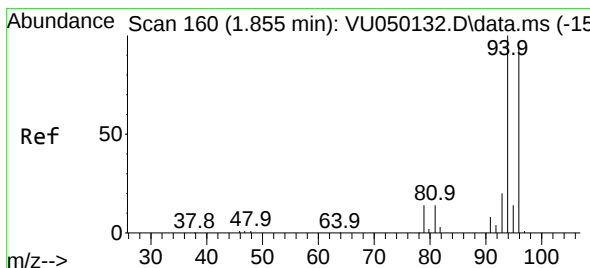
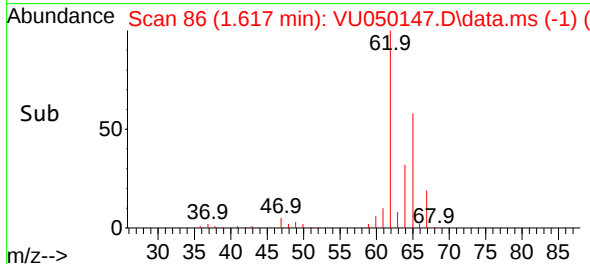
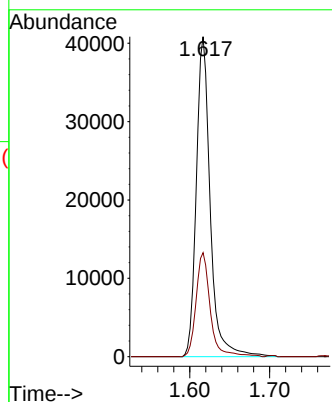
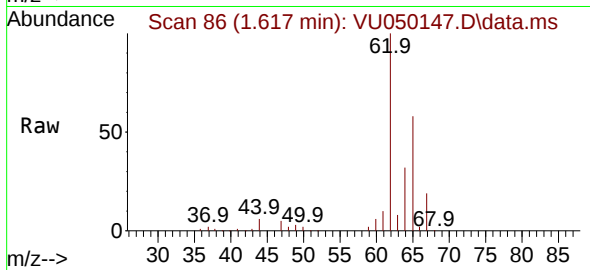
GBJL3MSD

Tgt Ion: 62 Resp: 49406

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#6

Bromomethane

Concen: 5.476 ug/L

RT: 1.884 min Scan# 169

Delta R.T. 0.029 min

Lab File: VU050147.D

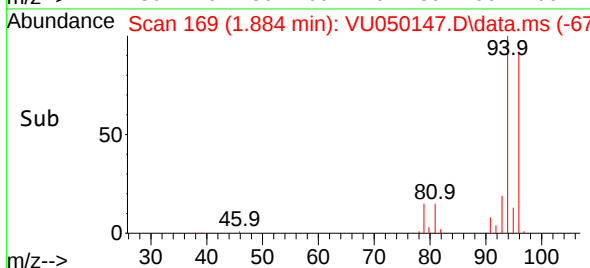
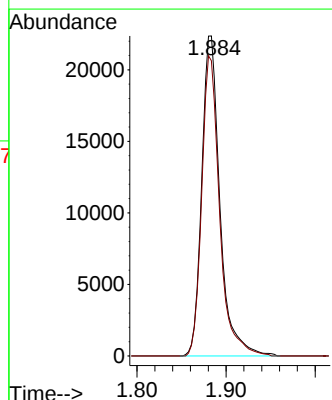
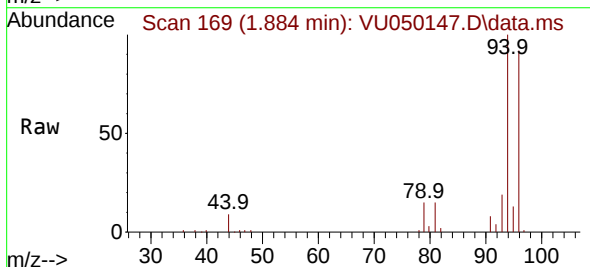
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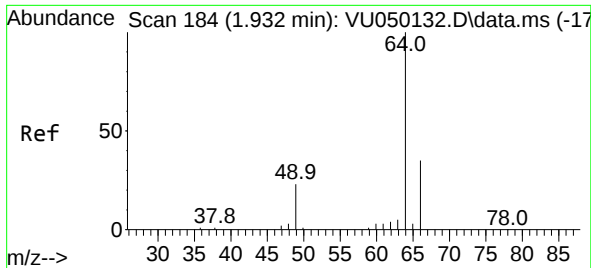
Tgt Ion: 94 Resp: 31743

Ion Ratio Lower Upper

94 100

96 92.2 65.3 121.3

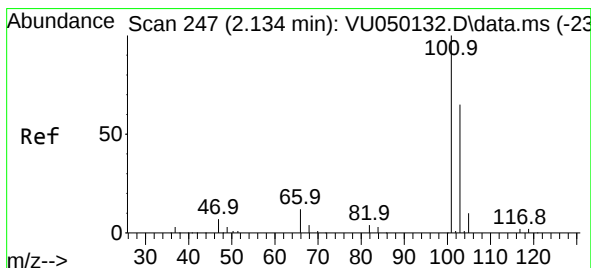
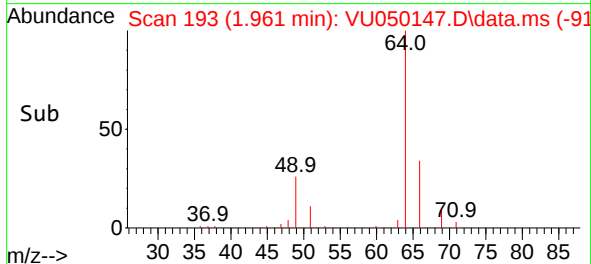
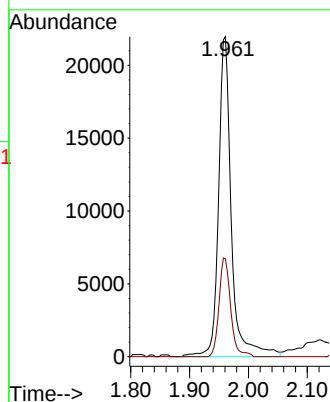
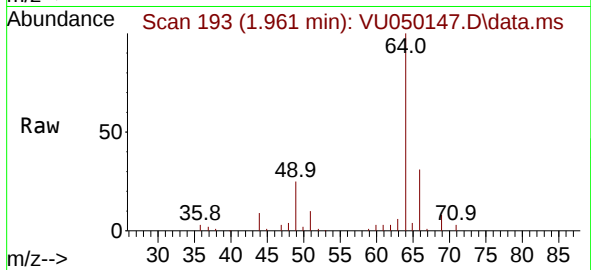




#8
Chloroethane
Concen: 6.192 ug/L
RT: 1.961 min Scan# 193
Delta R.T. 0.029 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

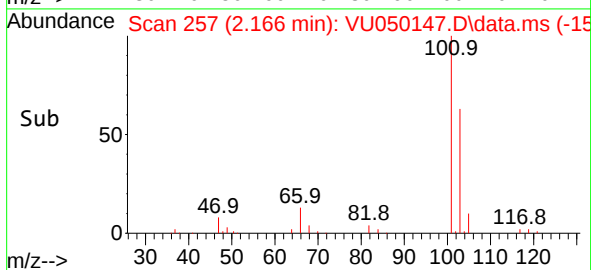
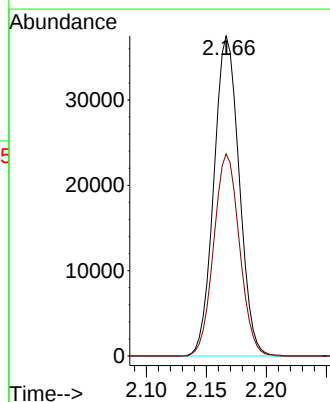
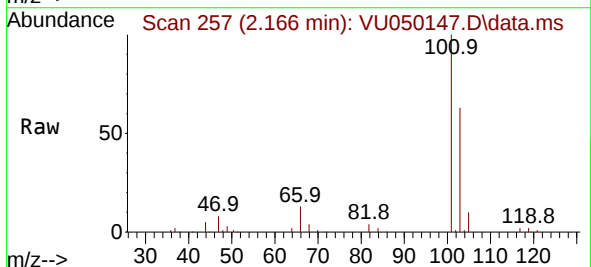
Instrument :
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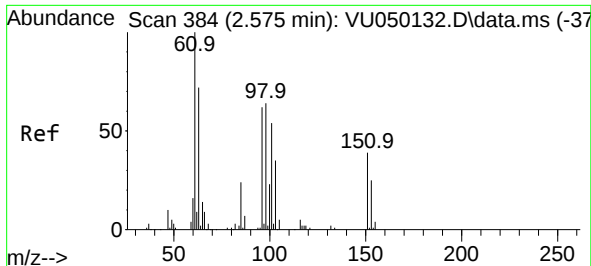
Tgt Ion: 64 Resp: 33135
Ion Ratio Lower Upper
64 100
66 30.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.530 ug/L
RT: 2.166 min Scan# 257
Delta R.T. 0.032 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion:101 Resp: 54995
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

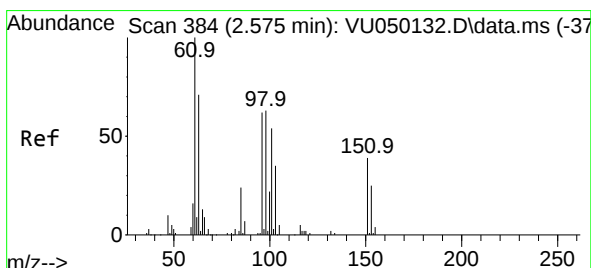
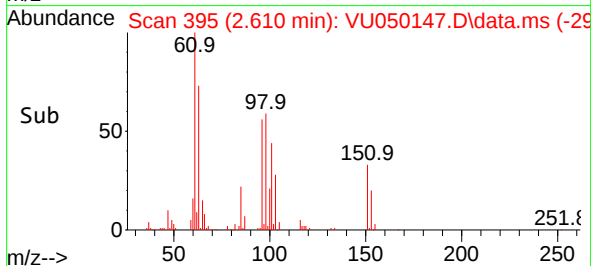
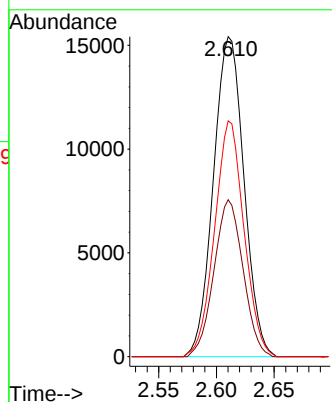
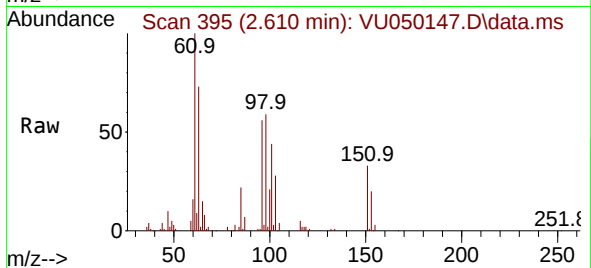




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.130 ug/L
 RT: 2.610 min Scan# 395
 Delta R.T. 0.035 min
 Lab File: VU050147.D
 Acq: 08 Aug 2022 20:09

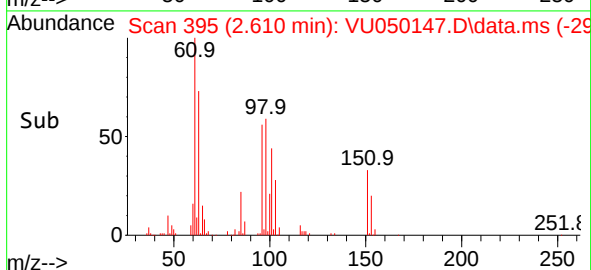
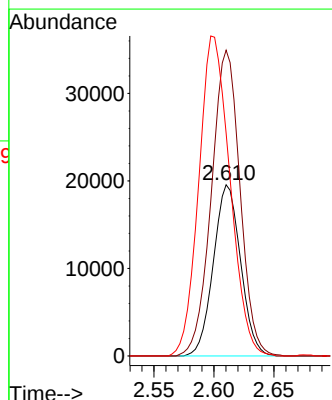
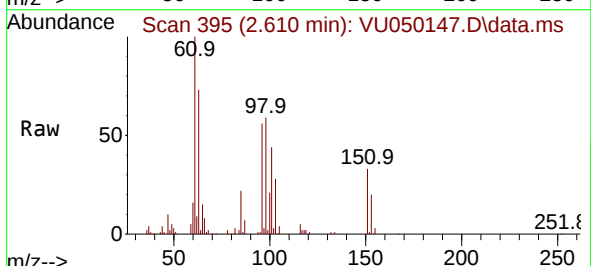
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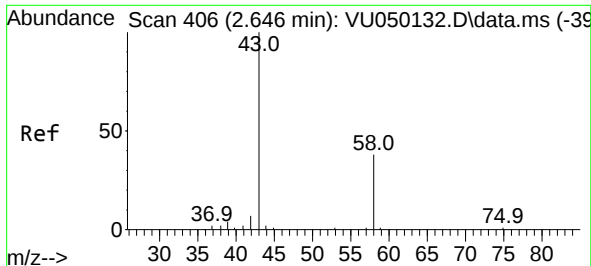
Tgt Ion:101 Resp: 28382
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.6 53.4
 151 70.9 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.268 ug/L
 RT: 2.610 min Scan# 395
 Delta R.T. 0.035 min
 Lab File: VU050147.D
 Acq: 08 Aug 2022 20:09

Tgt Ion: 96 Resp: 30780
 Ion Ratio Lower Upper
 96 100
 61 178.6 122.7 227.9
 63 130.2 85.1 158.1





#13

Acetone

Concen: 40.352 ug/L

RT: 2.684 min Scan# 41

Delta R.T. 0.039 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

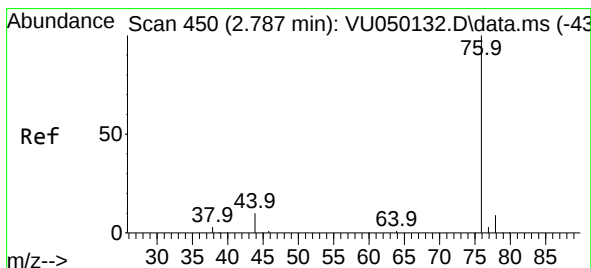
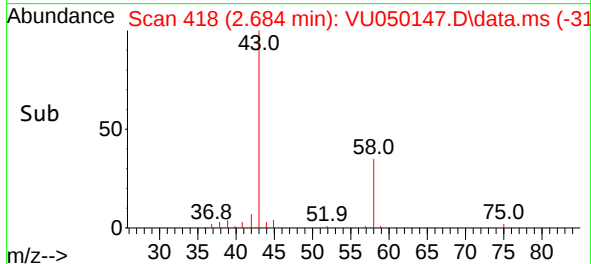
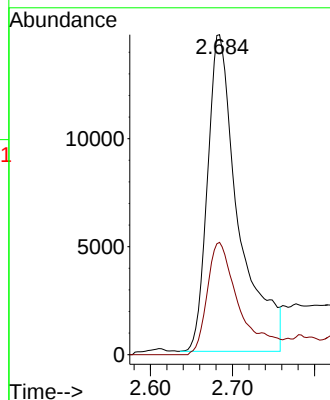
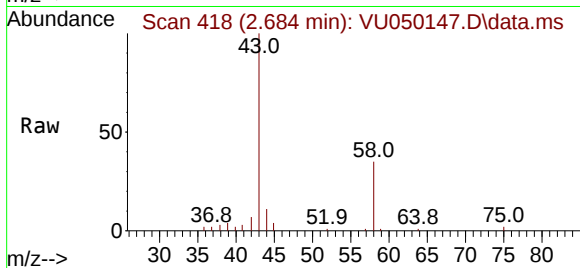
GBJL3MSD

Tgt Ion: 43 Resp: 38551

Ion Ratio Lower Upper

43 100

58 37.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.823 ug/L

RT: 2.822 min Scan# 461

Delta R.T. 0.035 min

Lab File: VU050147.D

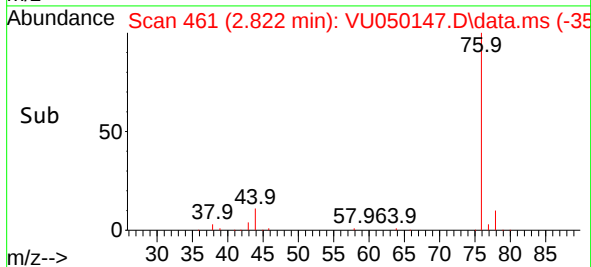
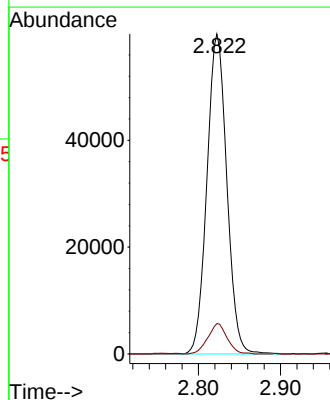
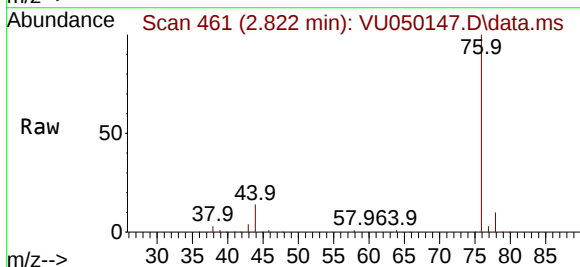
Acq: 08 Aug 2022 20:09

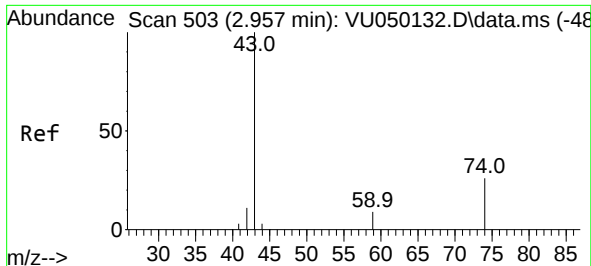
Tgt Ion: 76 Resp: 100651

Ion Ratio Lower Upper

76 100

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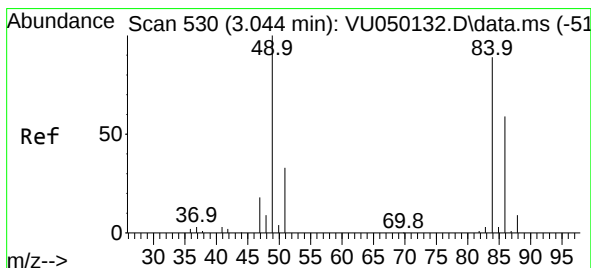
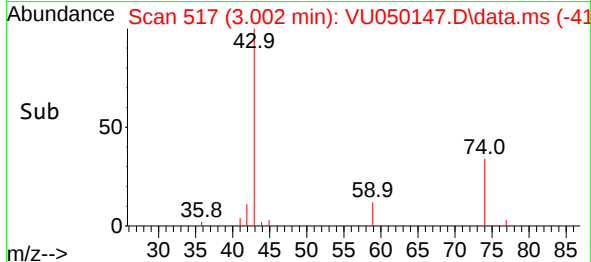
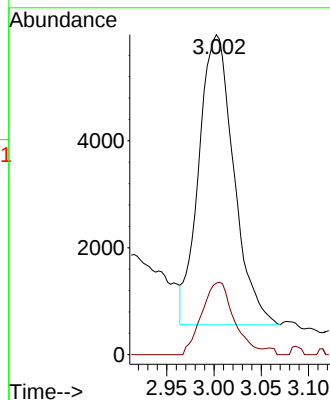
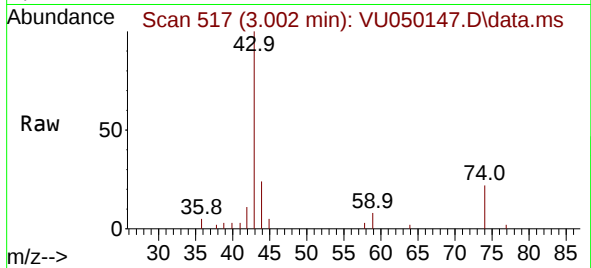




#15
Methyl Acetate
Concen: 5.348 ug/L
RT: 3.002 min Scan# 517
Delta R.T. 0.045 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

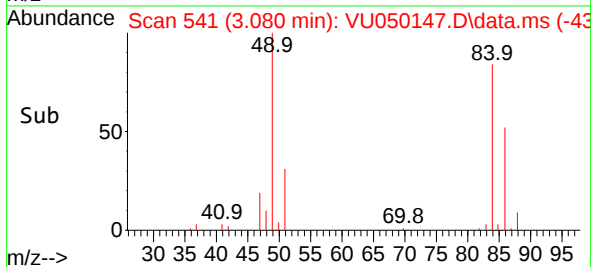
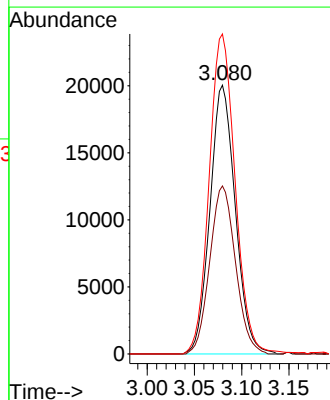
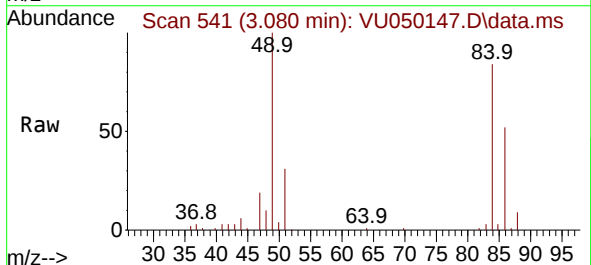
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

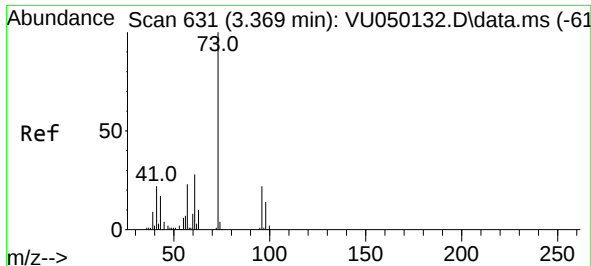
Tgt Ion: 43 Resp: 13949
Ion Ratio Lower Upper
43 100
74 23.0 22.7 34.1



#16
Methylene chloride
Concen: 4.192 ug/L
RT: 3.080 min Scan# 541
Delta R.T. 0.035 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 84 Resp: 37422
Ion Ratio Lower Upper
84 100
86 62.5 45.9 85.3
49 119.0 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.922 ug/L

RT: 3.424 min Scan# 641

Delta R.T. 0.055 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

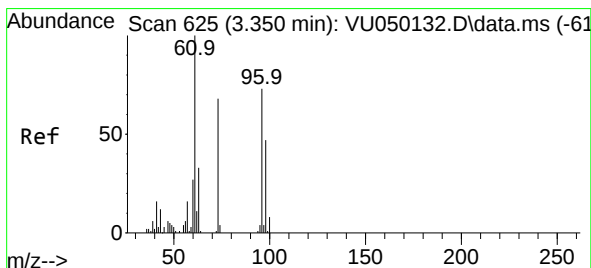
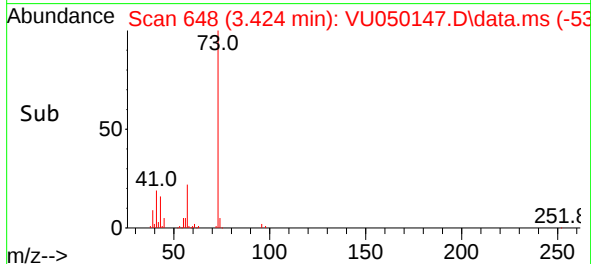
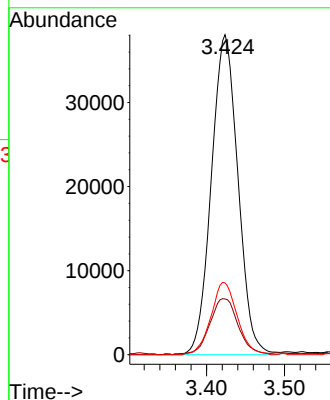
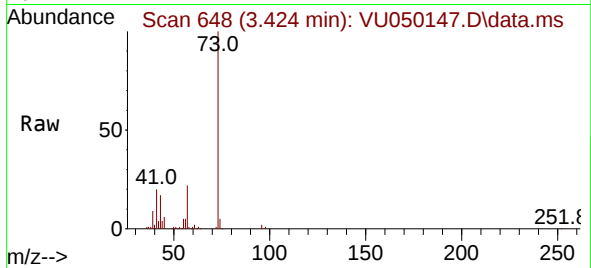
Tgt Ion: 73 Resp: 90312

Ion Ratio Lower Upper

73 100

43 18.8 13.5 20.3

57 22.3 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 5.192 ug/L

RT: 3.388 min Scan# 637

Delta R.T. 0.039 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

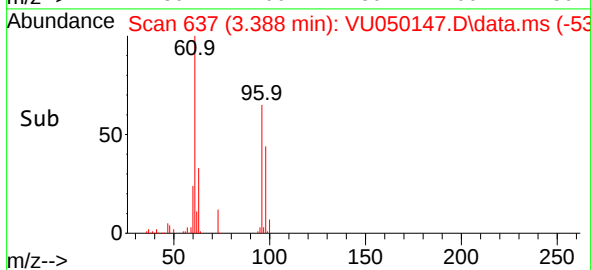
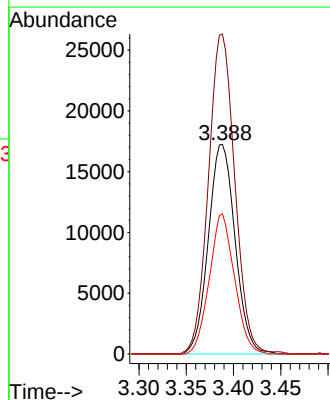
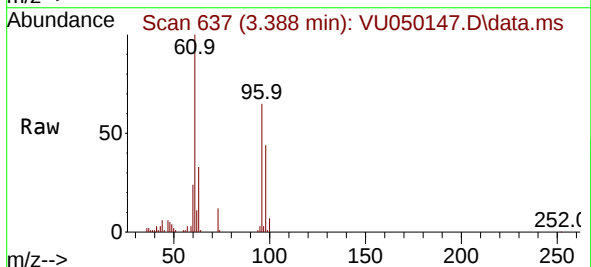
Tgt Ion: 96 Resp: 33969

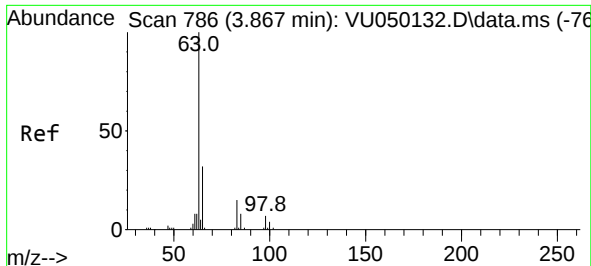
Ion Ratio Lower Upper

96 100

61 152.7 92.3 171.5

98 66.9 43.2 80.2

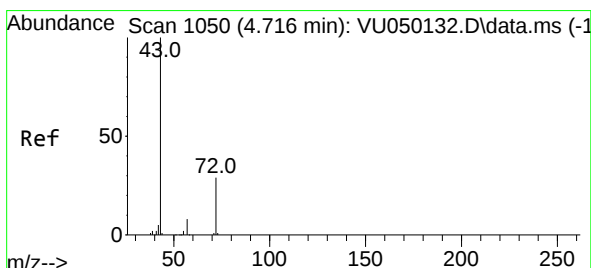
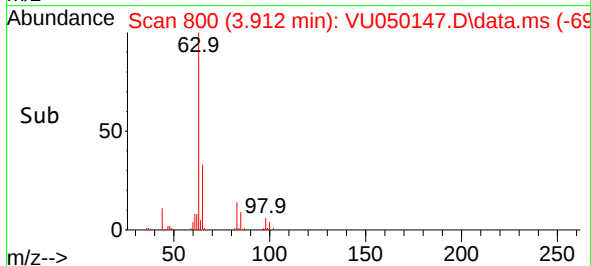
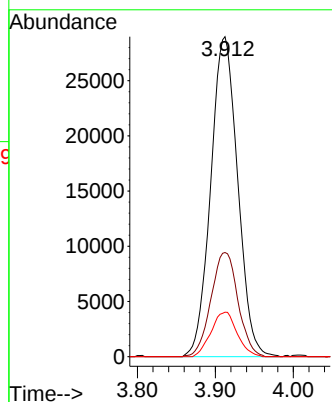
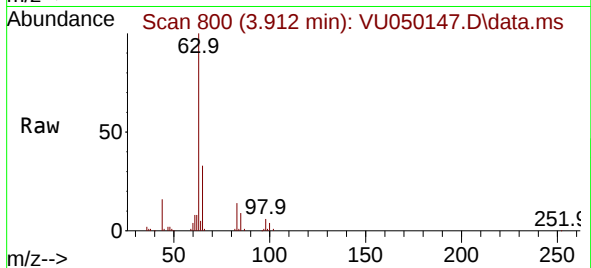




#19
1,1-Dichloroethane
Concen: 5.624 ug/L
RT: 3.912 min Scan# 80
Delta R.T. 0.045 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

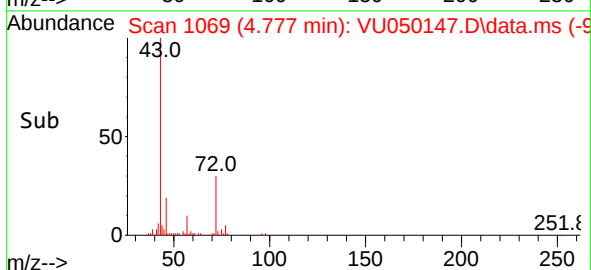
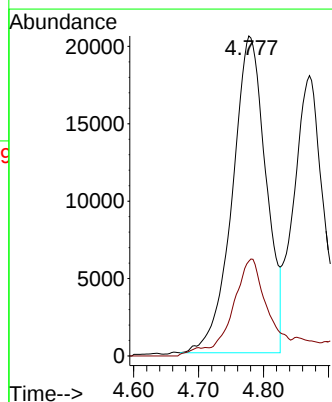
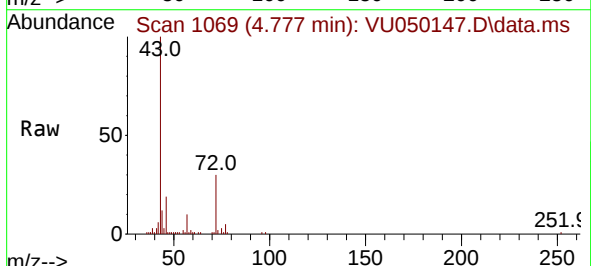
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

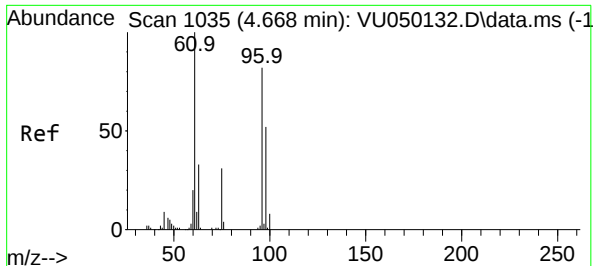
Tgt Ion: 63 Resp: 69672
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.3
83 13.9 9.8 18.2



#21
2-Butanone
Concen: 42.916 ug/L
RT: 4.777 min Scan# 1069
Delta R.T. 0.061 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 43 Resp: 73728
Ion Ratio Lower Upper
43 100
72 27.0 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 12.020 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. 0.029 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

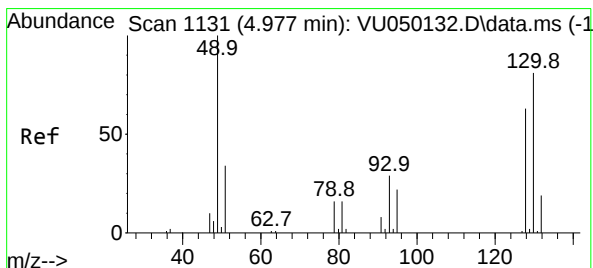
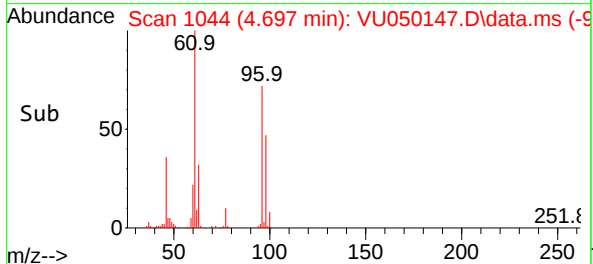
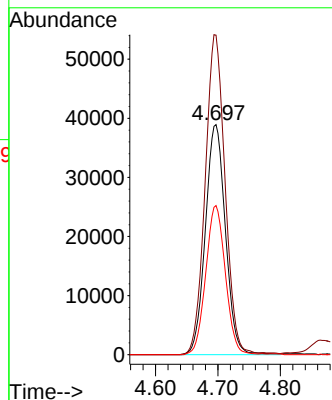
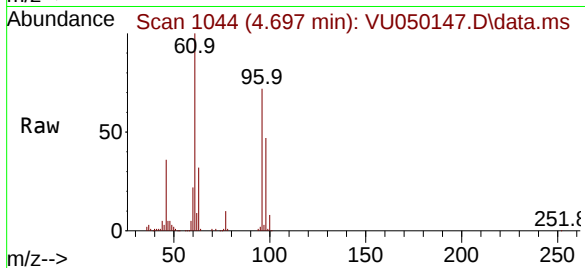
Tgt Ion: 96 Resp: 87284

Ion Ratio Lower Upper

96 100

61 138.8 89.0 165.4

98 64.8 45.2 84.0



#23

Bromochloromethane

Concen: 5.338 ug/L

RT: 5.022 min Scan# 1145

Delta R.T. 0.045 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Tgt Ion: 128 Resp: 18525

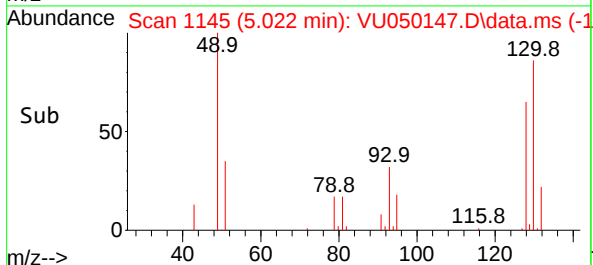
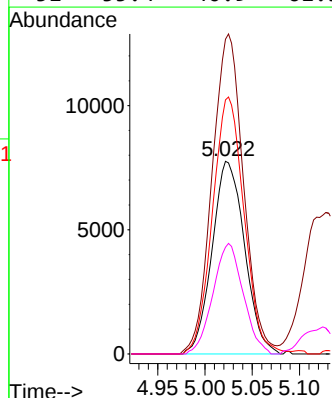
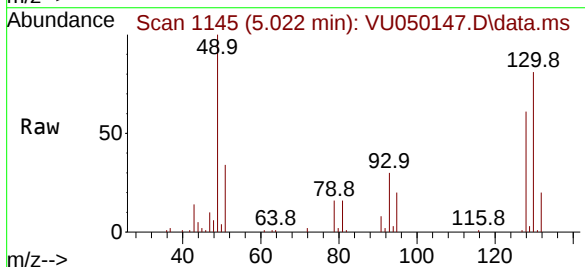
Ion Ratio Lower Upper

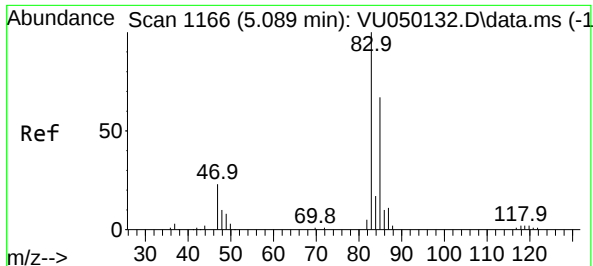
128 100

49 163.3 111.4 206.8

130 131.9 90.2 167.4

51 55.4 40.9 61.3





#25

Chloroform

Concen: 5.429 ug/L

RT: 5.144 min Scan# 1166

Delta R.T. 0.055 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

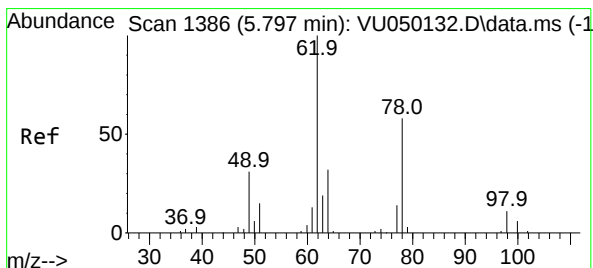
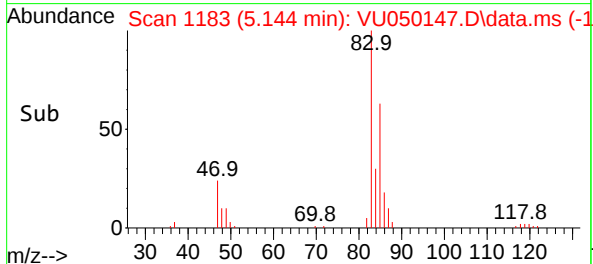
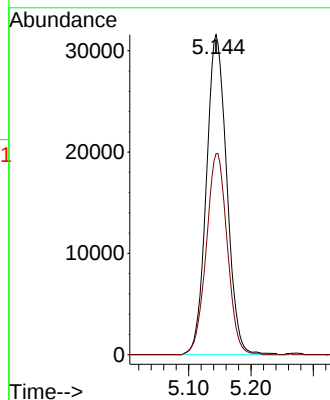
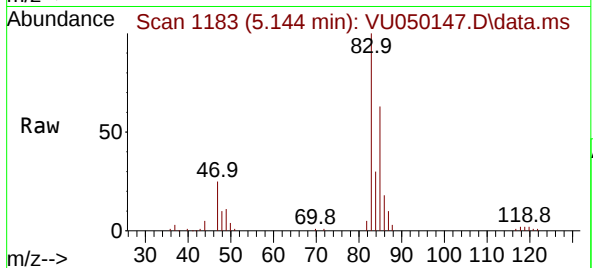
GBJL3MSD

Tgt Ion: 83 Resp: 71705

Ion Ratio Lower Upper

83 100

85 62.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.516 ug/L

RT: 5.867 min Scan# 1408

Delta R.T. 0.071 min

Lab File: VU050147.D

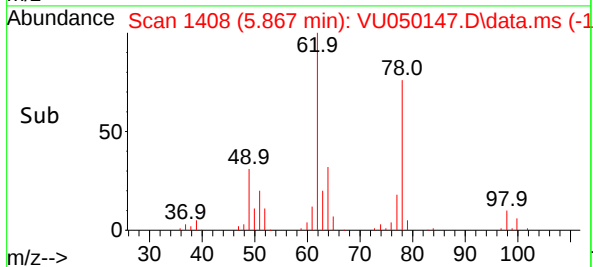
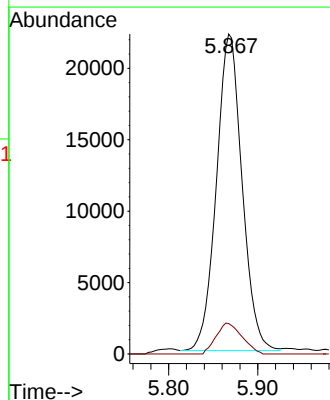
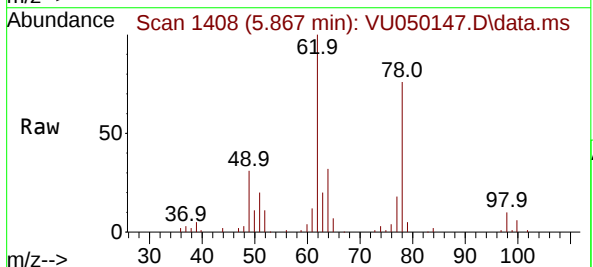
Acq: 08 Aug 2022 20:09

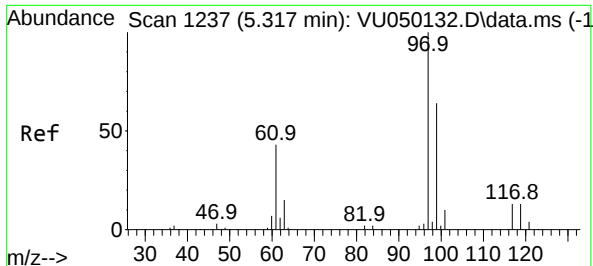
Tgt Ion: 62 Resp: 44343

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.192 ug/L

RT: 5.379 min Scan# 1

Delta R.T. 0.061 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

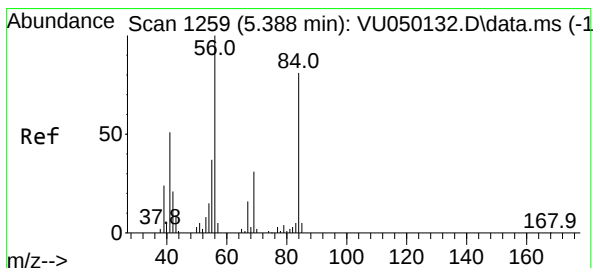
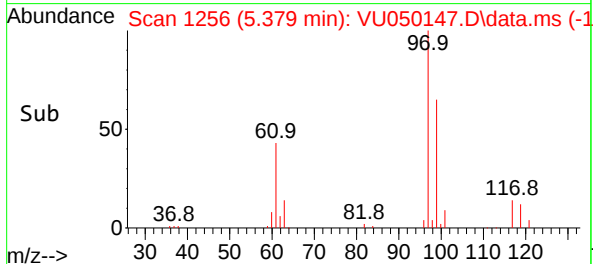
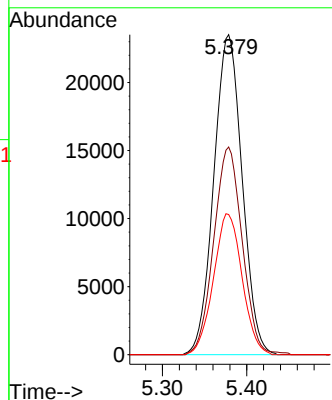
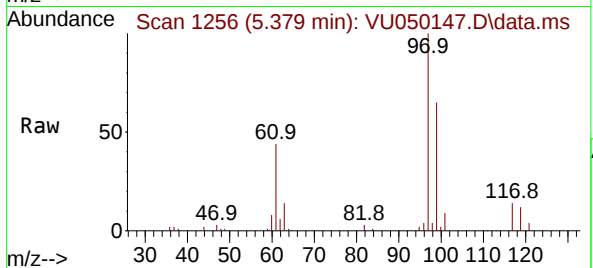
Tgt Ion: 97 Resp: 54985

Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 44.4 34.2 51.4



#30

Cyclohexane

Concen: 4.766 ug/L

RT: 5.446 min Scan# 1277

Delta R.T. 0.058 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

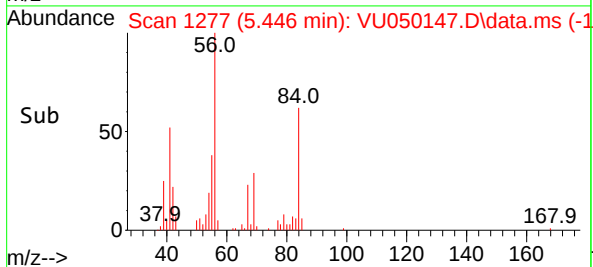
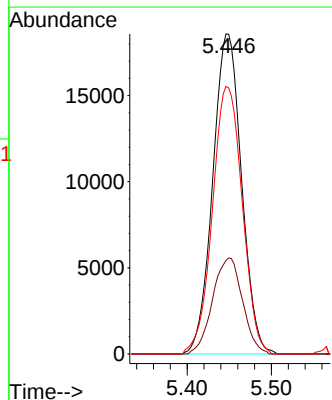
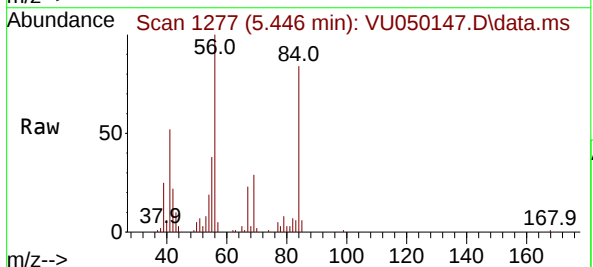
Tgt Ion: 56 Resp: 43982

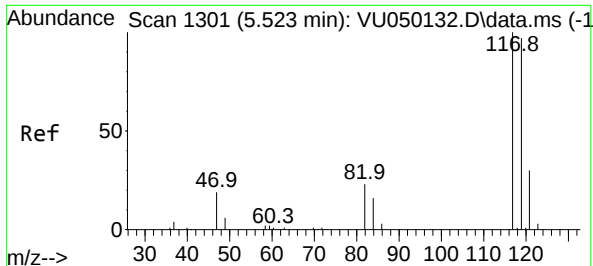
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 86.7 69.1 103.7

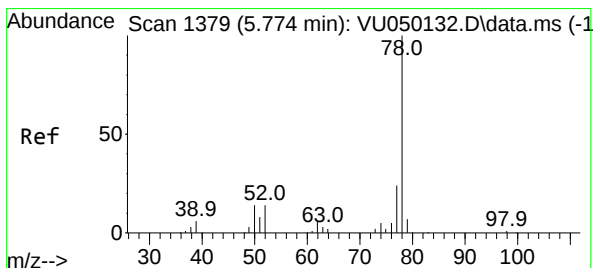
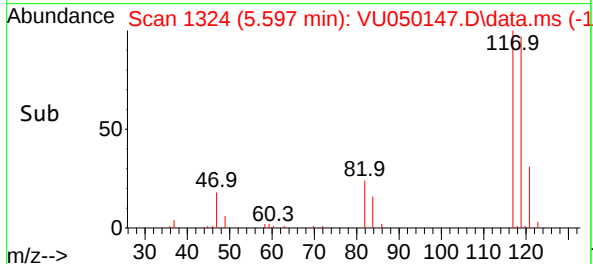
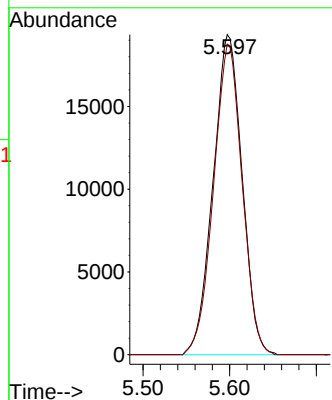
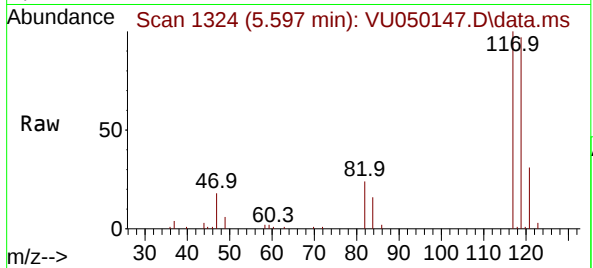




#31
Carbon tetrachloride
Concen: 5.175 ug/L
RT: 5.597 min Scan# 11
Delta R.T. 0.074 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

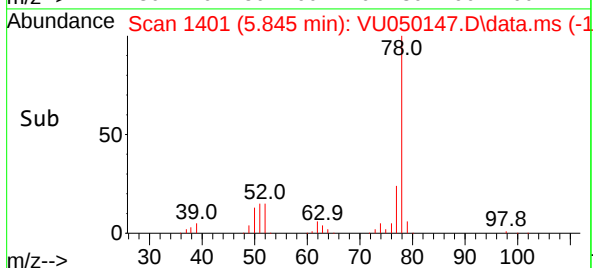
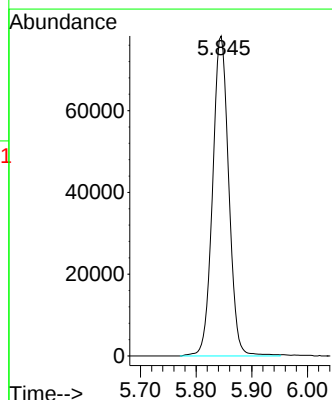
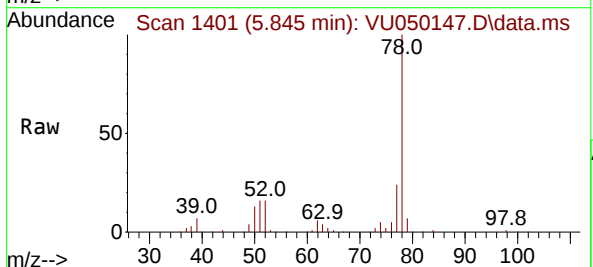
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

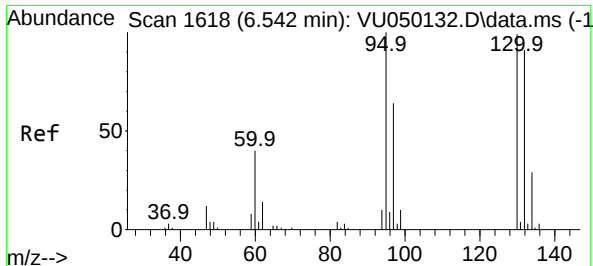
Tgt Ion:117 Resp: 44925
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0



#33
Benzene
Concen: 5.222 ug/L
RT: 5.845 min Scan# 1401
Delta R.T. 0.071 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 78 Resp: 157969



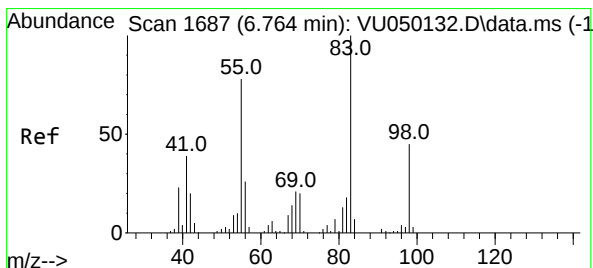
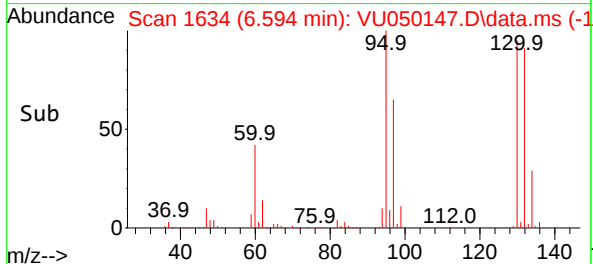
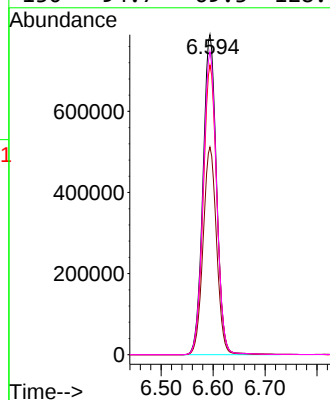
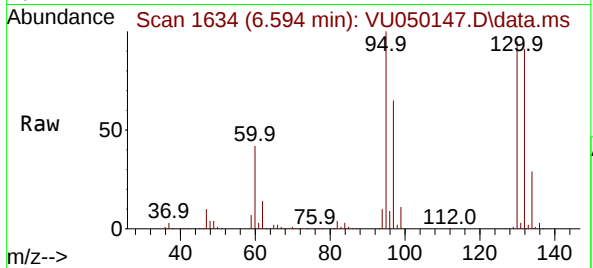


#34
Trichloroethene
Concen: 195.497 ug/L
RT: 6.594 min Scan# 1701
Delta R.T. 0.051 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

Tgt Ion: 95 Resp: 1430188

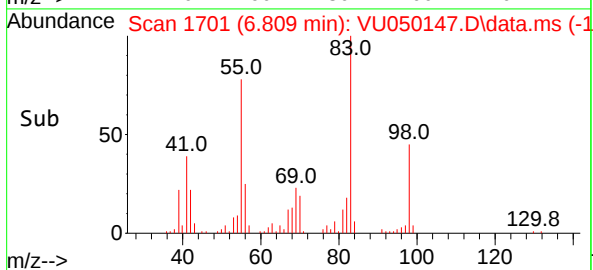
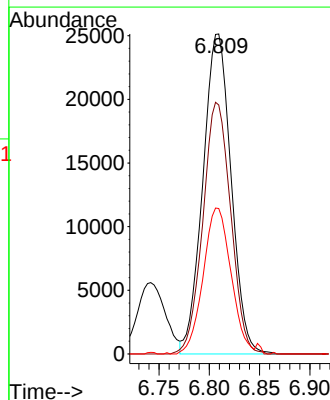
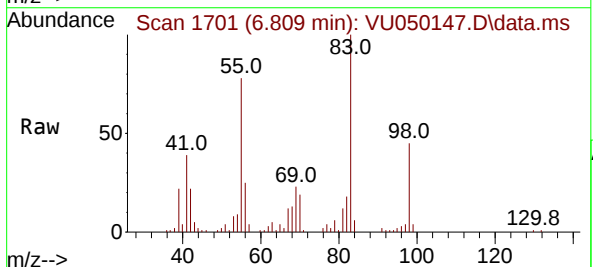
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.6	84.8
132	90.6	65.0	120.6
130	94.7	69.3	128.7

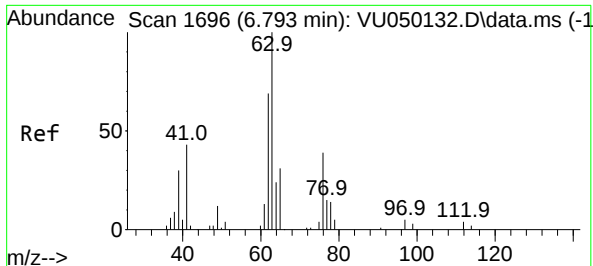


#35
Methylcyclohexane
Concen: 5.197 ug/L
RT: 6.809 min Scan# 1701
Delta R.T. 0.045 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 83 Resp: 49080

Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.7	94.1
98	44.9	36.2	54.2

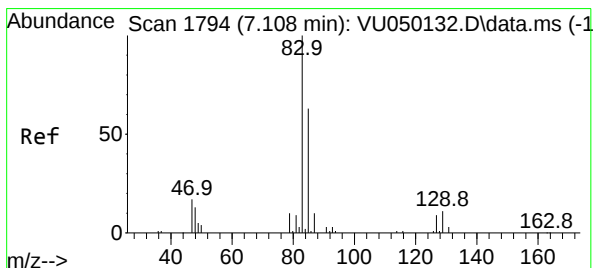
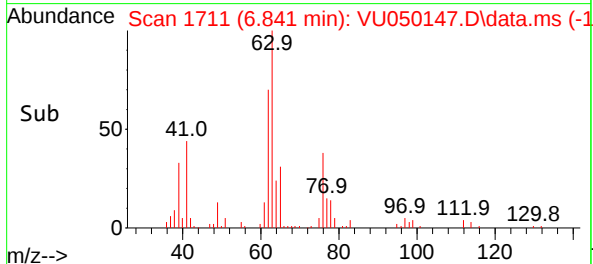
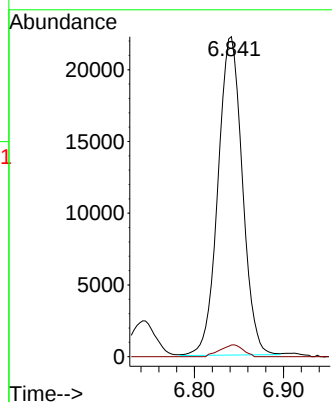
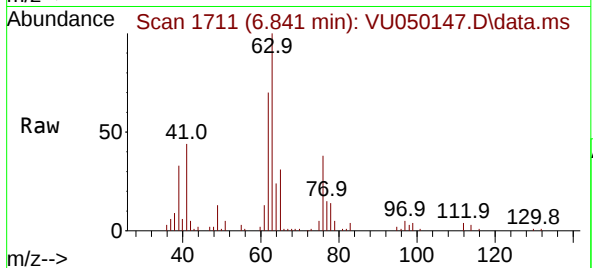




#37
1,2-Dichloropropane
Concen: 5.244 ug/L
RT: 6.841 min Scan# 11
Delta R.T. 0.048 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

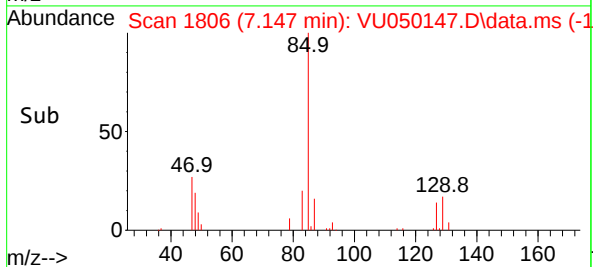
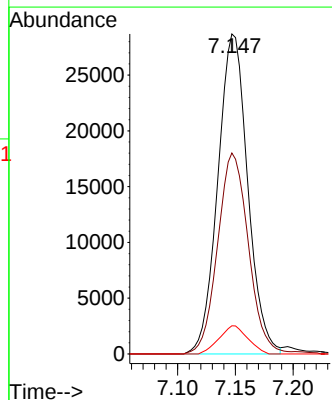
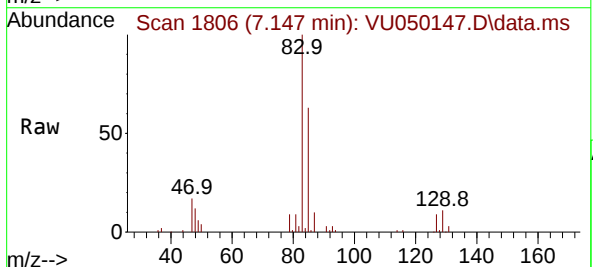
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

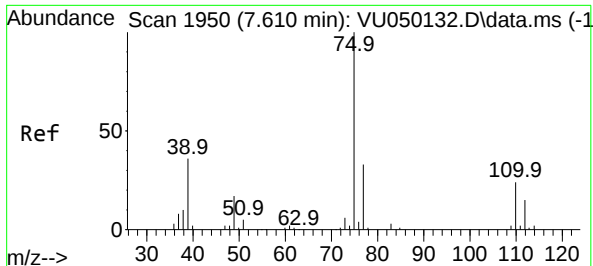
Tgt Ion: 63 Resp: 42249
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4



#38
Bromodichloromethane
Concen: 5.284 ug/L
RT: 7.147 min Scan# 1806
Delta R.T. 0.039 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 83 Resp: 51710
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.948 ug/L

RT: 7.639 min Scan# 1950

Delta R.T. 0.029 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

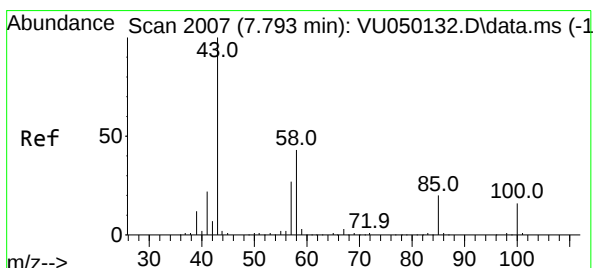
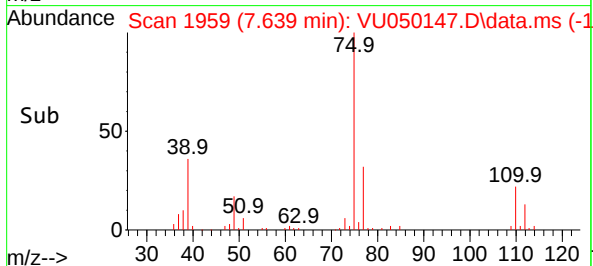
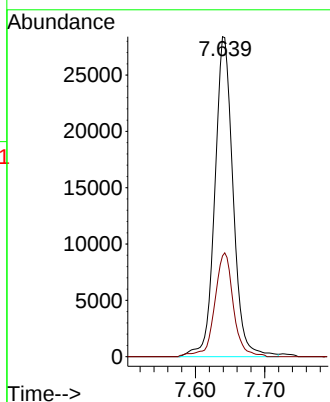
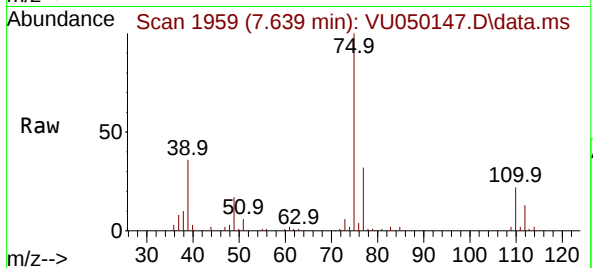
GBJL3MSD

Tgt Ion: 75 Resp: 52024

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.164 ug/L

RT: 7.829 min Scan# 2018

Delta R.T. 0.035 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

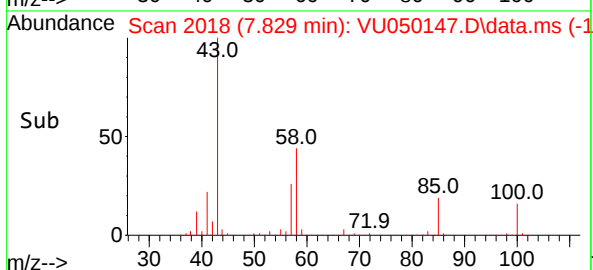
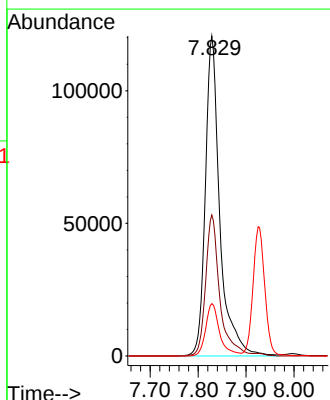
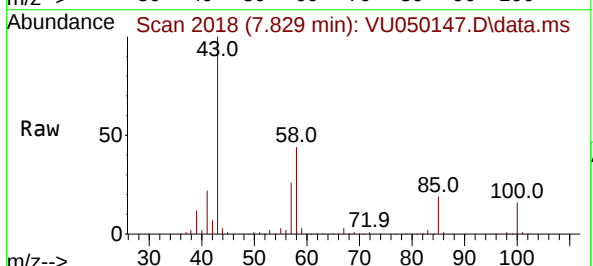
Tgt Ion: 43 Resp: 252768

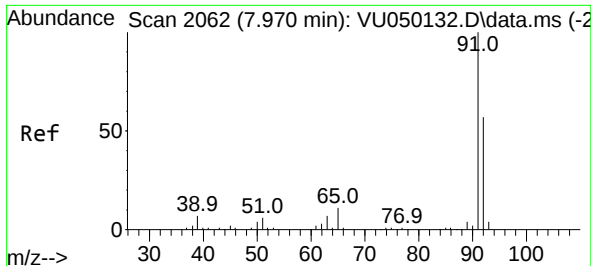
Ion Ratio Lower Upper

43 100

58 43.0 34.6 51.8

100 15.8 13.0 19.4





#42

Toluene

Concen: 5.350 ug/L

RT: 7.996 min Scan# 2062

Delta R.T. 0.026 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

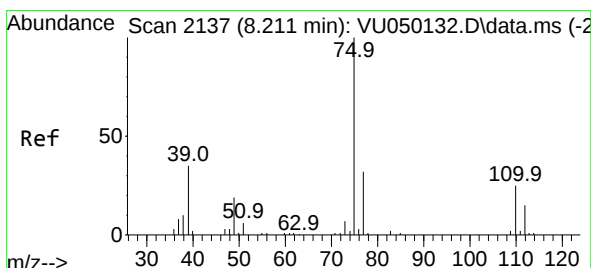
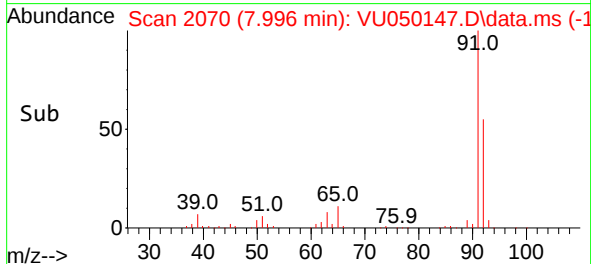
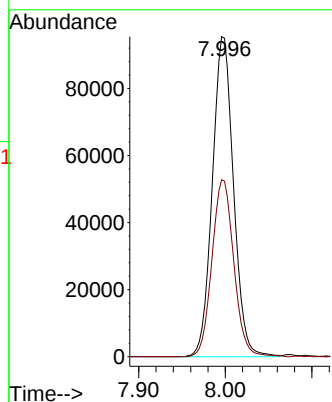
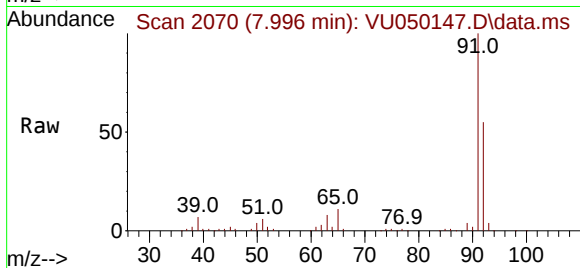
GBJL3MSD

Tgt Ion: 91 Resp: 162305

Ion Ratio Lower Upper

91 100

92 55.3 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.904 ug/L

RT: 8.237 min Scan# 2145

Delta R.T. 0.026 min

Lab File: VU050147.D

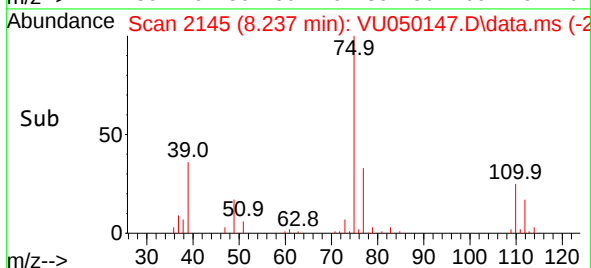
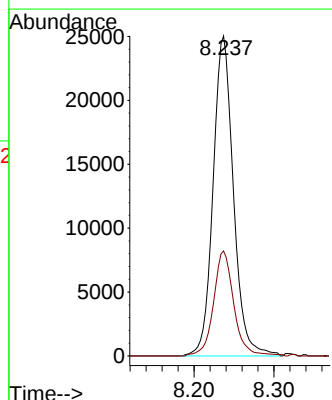
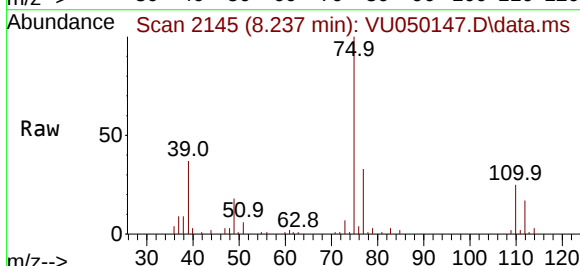
Acq: 08 Aug 2022 20:09

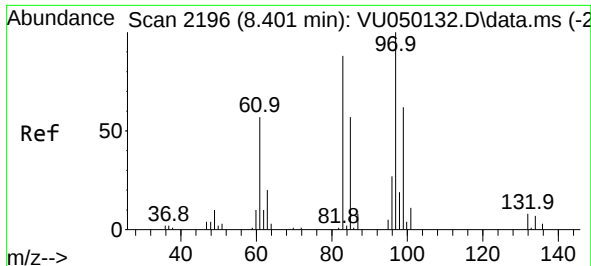
Tgt Ion: 75 Resp: 44223

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8



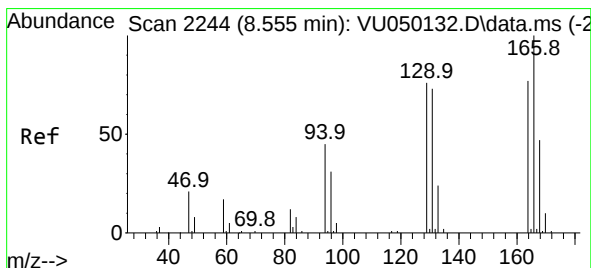
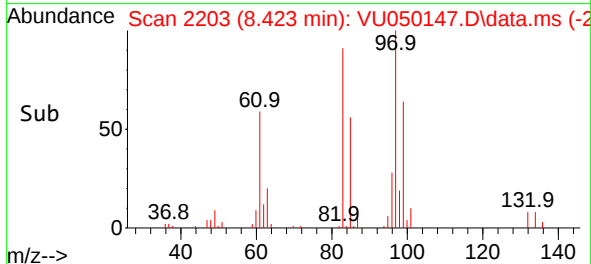
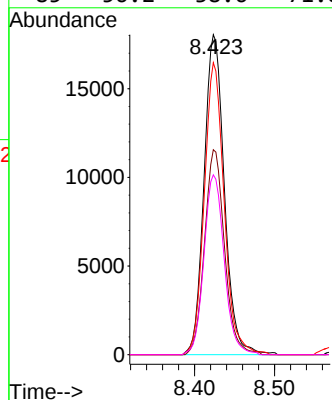
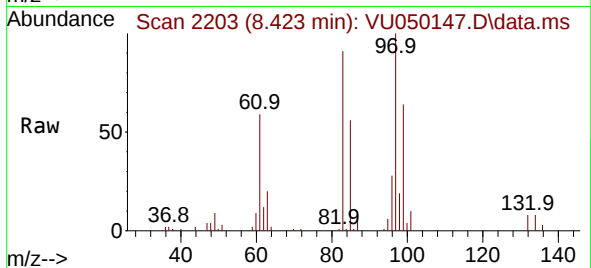


#45
1,1,2-Trichloroethane
Concen: 5.308 ug/L
RT: 8.423 min Scan# 2196
Delta R.T. 0.023 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

Tgt Ion: 97 Resp: 31968

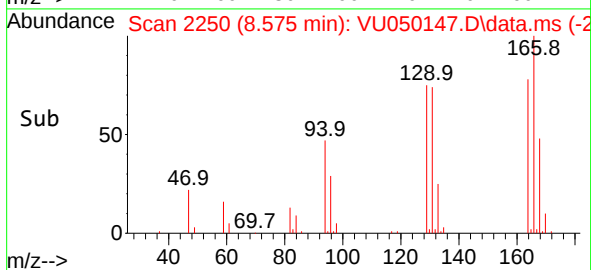
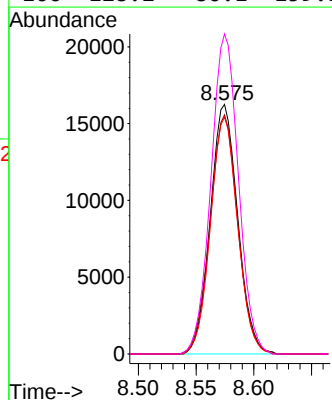
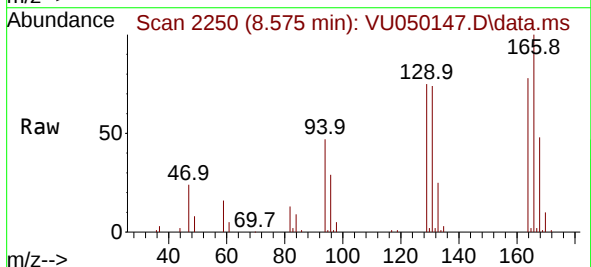
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.2	78.4
83	91.3	59.6	110.6
85	56.2	38.6	71.8

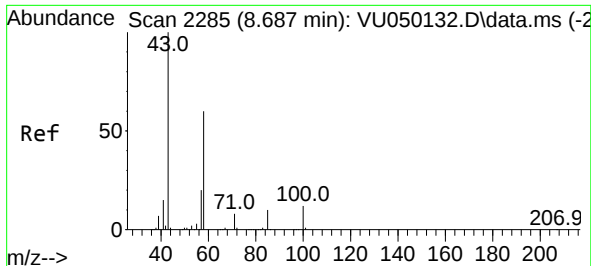


#47
Tetrachloroethene
Concen: 5.127 ug/L
RT: 8.575 min Scan# 2250
Delta R.T. 0.019 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 164 Resp: 26874

Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.0	128.1
131	95.0	65.8	122.2
166	128.2	86.1	159.9





#48

2-Hexanone

Concen: 56.795 ug/L

RT: 8.710 min Scan# 21

Delta R.T. 0.023 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

Tgt Ion: 43 Resp: 204996

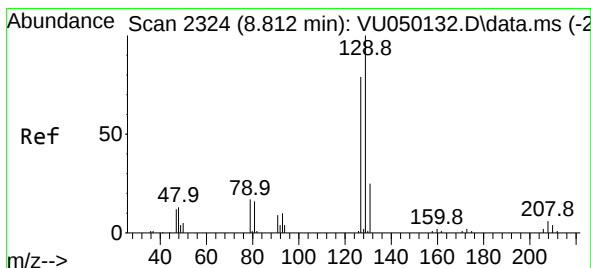
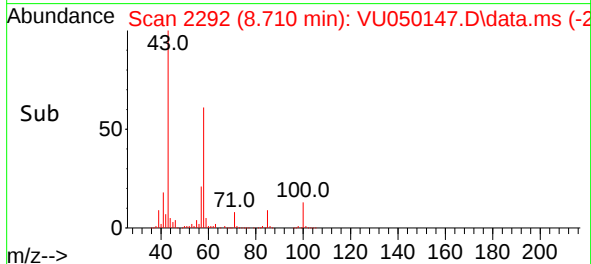
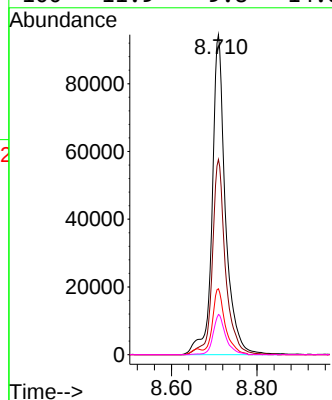
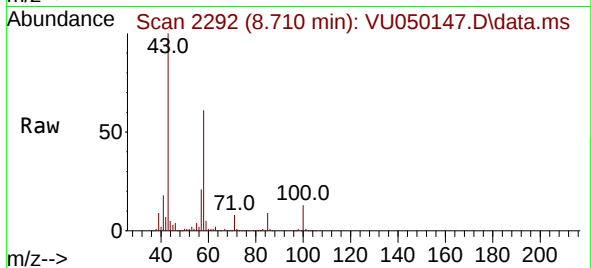
Ion Ratio Lower Upper

43 100

58 60.0 50.6 76.0

57 19.8 16.0 24.0

100 11.9 9.8 14.8



#49

Dibromochloromethane

Concen: 5.307 ug/L

RT: 8.832 min Scan# 2330

Delta R.T. 0.019 min

Lab File: VU050147.D

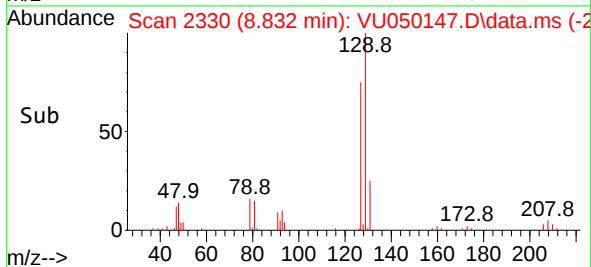
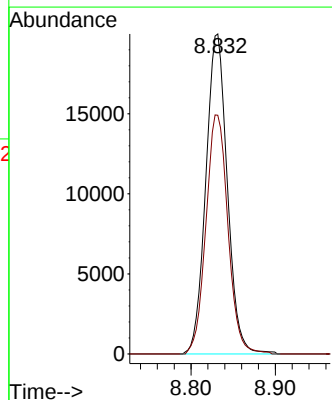
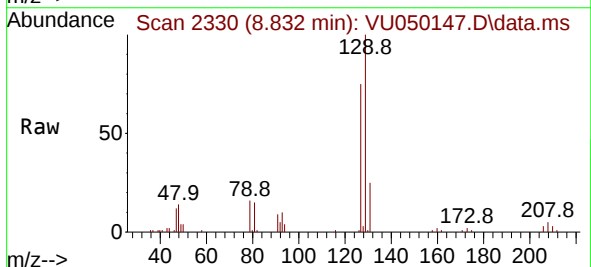
Acq: 08 Aug 2022 20:09

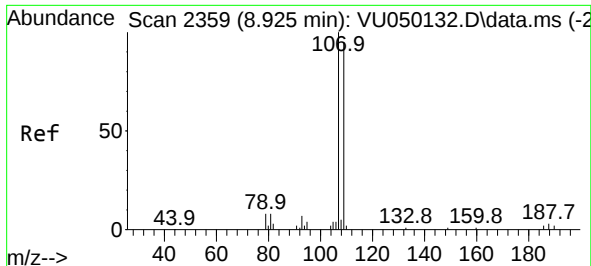
Tgt Ion: 129 Resp: 35380

Ion Ratio Lower Upper

129 100

127 74.6 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.390 ug/L

RT: 8.944 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

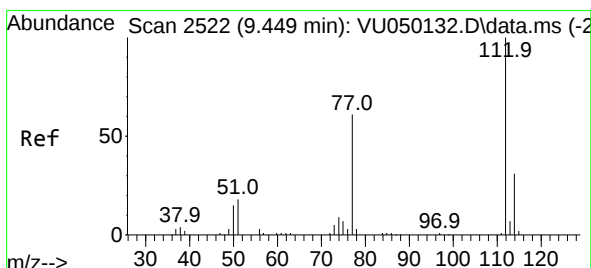
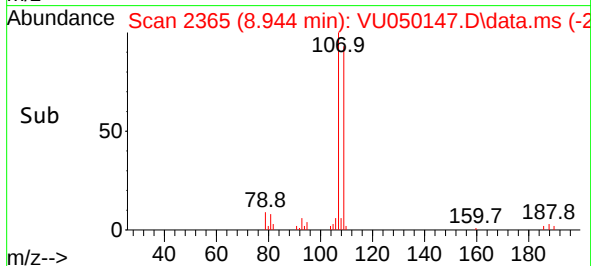
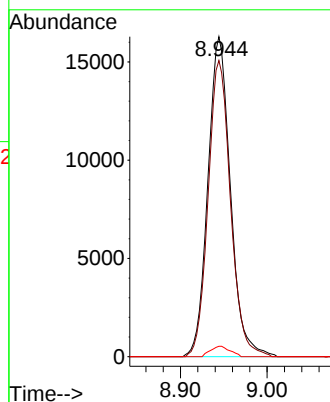
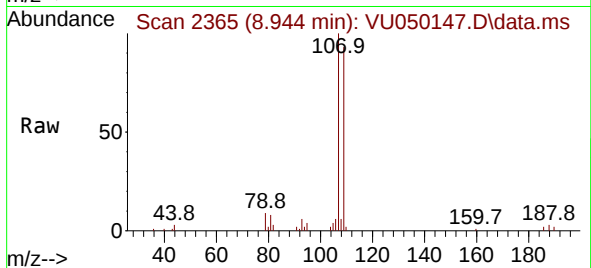
Tgt Ion:107 Resp: 29433

Ion Ratio Lower Upper

107 100

109 92.5 66.6 123.6

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 5.089 ug/L

RT: 9.462 min Scan# 2526

Delta R.T. 0.013 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

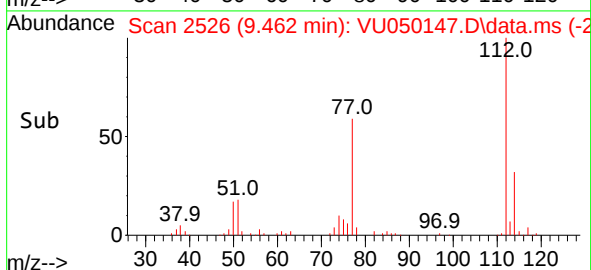
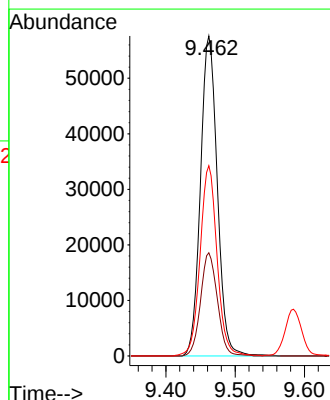
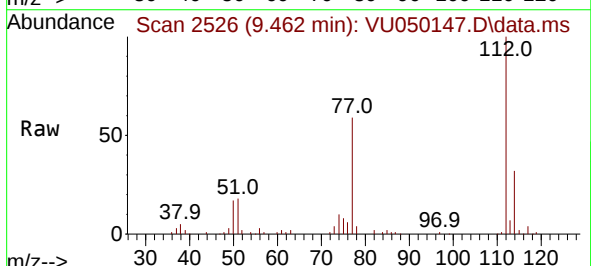
Tgt Ion:112 Resp: 97140

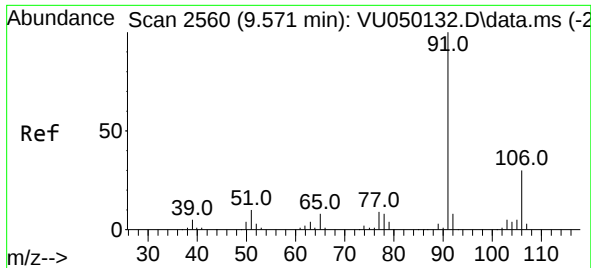
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 59.5 46.3 69.5

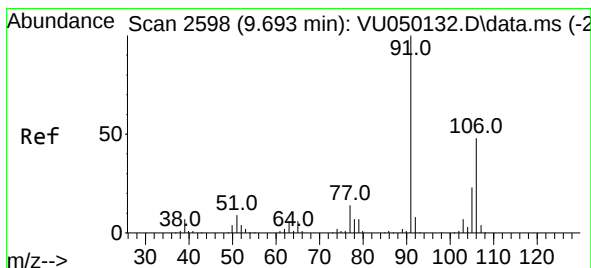
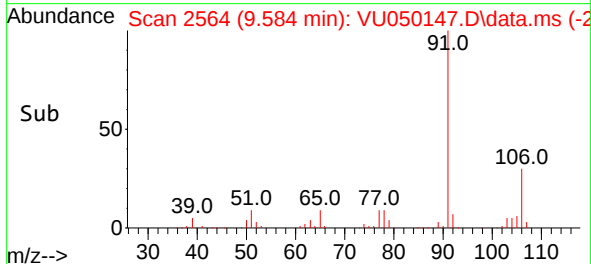
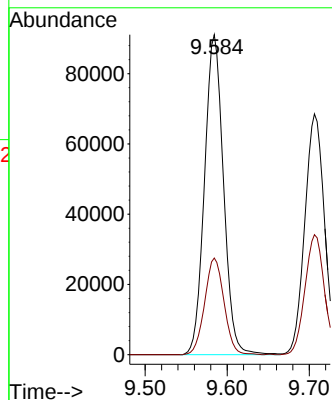
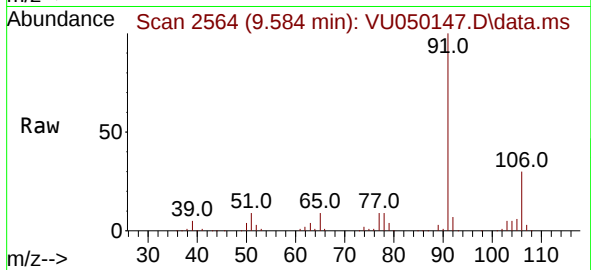




#52
Ethylbenzene
Concen: 4.945 ug/L
RT: 9.584 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

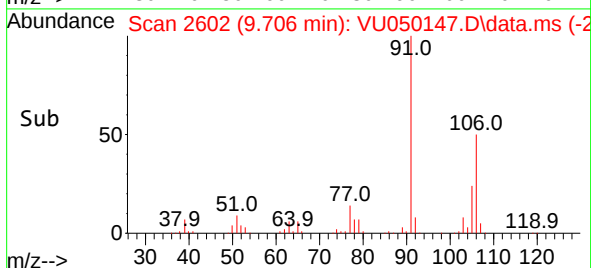
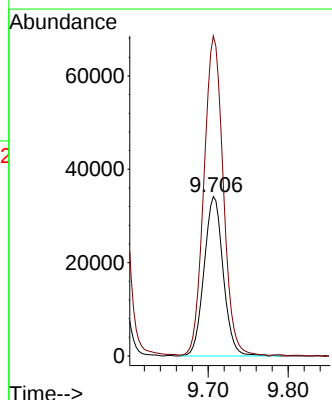
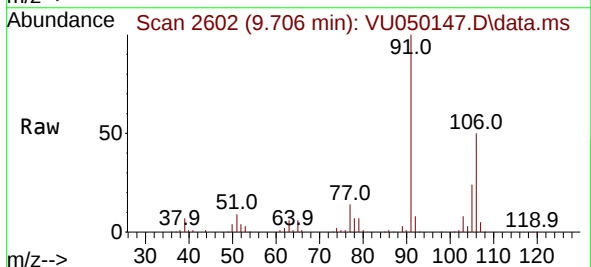
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

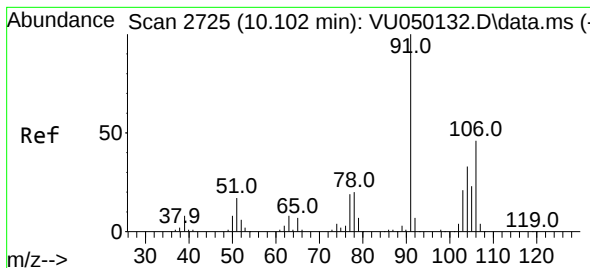
Tgt Ion: 91 Resp: 146389
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 5.222 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.013 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 106 Resp: 56927
Ion Ratio Lower Upper
106 100
91 200.8 143.1 265.9





#54

o-Xylene

Concen: 5.193 ug/L

RT: 10.111 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

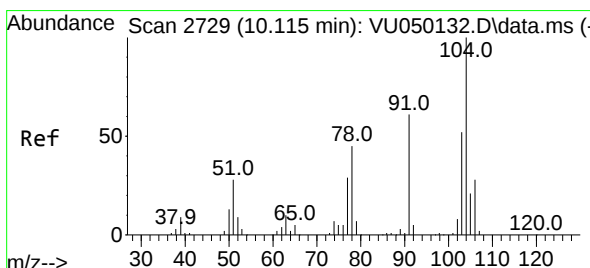
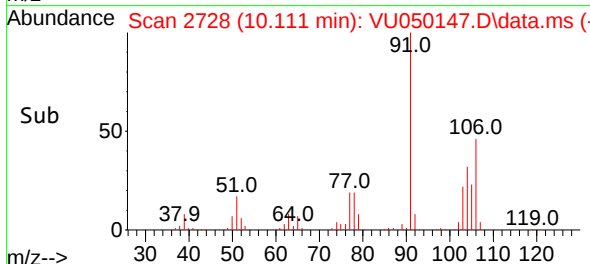
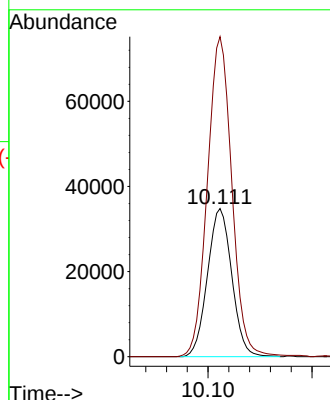
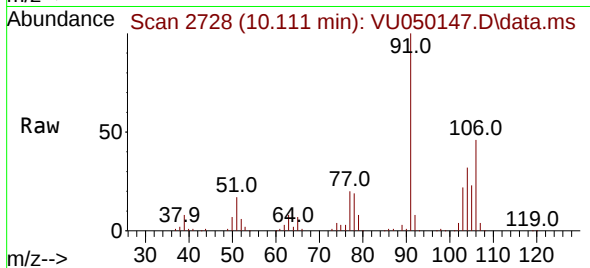
GBJL3MSD

Tgt Ion:106 Resp: 56510

Ion Ratio Lower Upper

106 100

91 216.0 149.4 277.4



#55

Styrene

Concen: 5.152 ug/L

RT: 10.124 min Scan# 2732

Delta R.T. 0.010 min

Lab File: VU050147.D

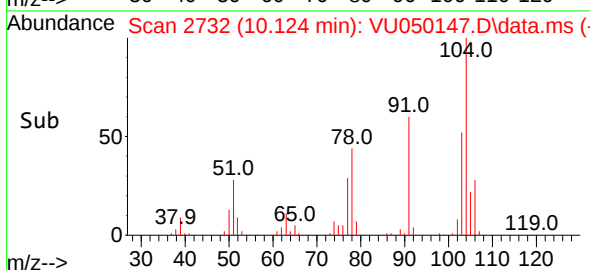
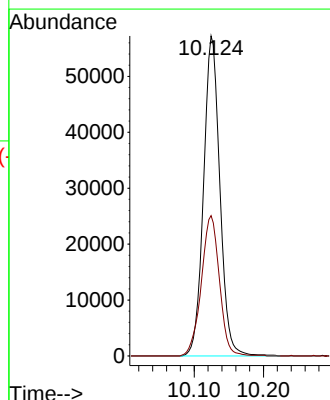
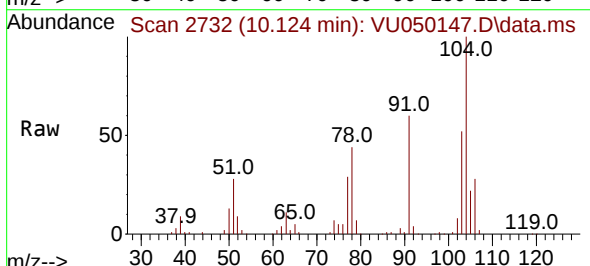
Acq: 08 Aug 2022 20:09

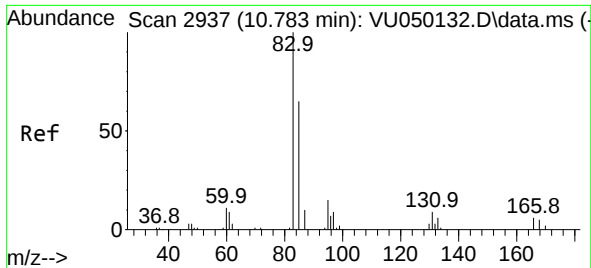
Tgt Ion:104 Resp: 93657

Ion Ratio Lower Upper

104 100

78 43.9 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.339 ug/L

RT: 10.790 min Scan# 2939

Delta R.T. 0.006 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

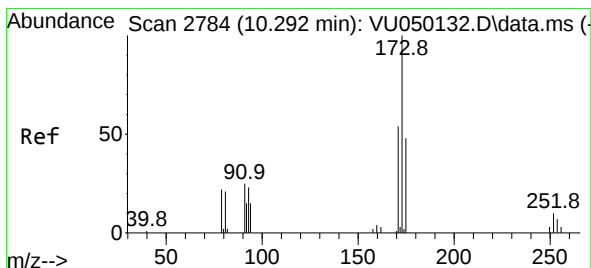
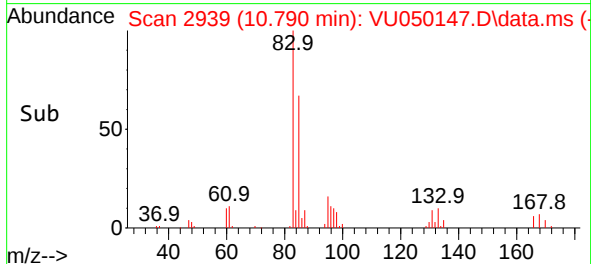
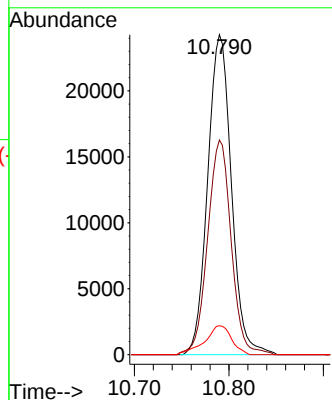
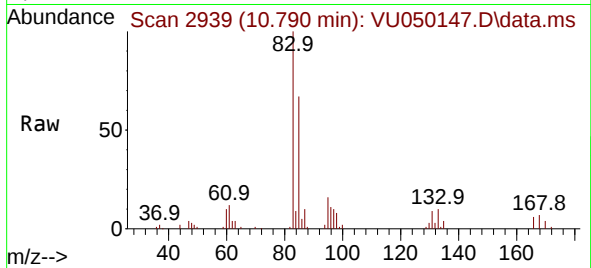
Tgt Ion: 83 Resp: 42252

Ion Ratio Lower Upper

83 100

85 67.1 45.2 84.0

131 9.1 6.6 9.8



#59

Bromoform

Concen: 4.759 ug/L

RT: 10.301 min Scan# 2787

Delta R.T. 0.010 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

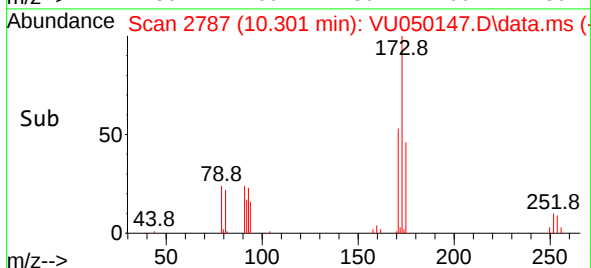
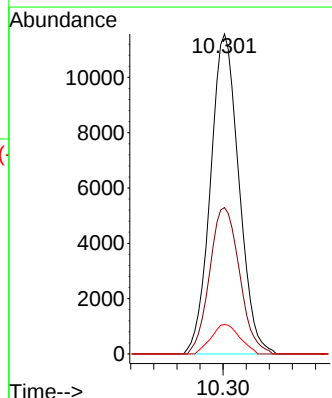
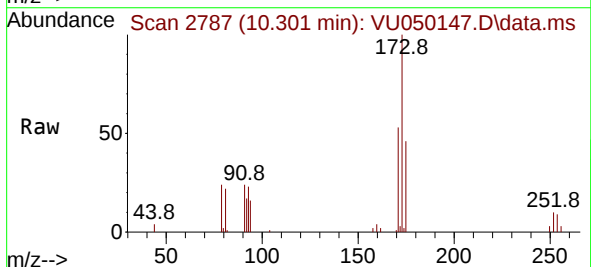
Tgt Ion:173 Resp: 19755

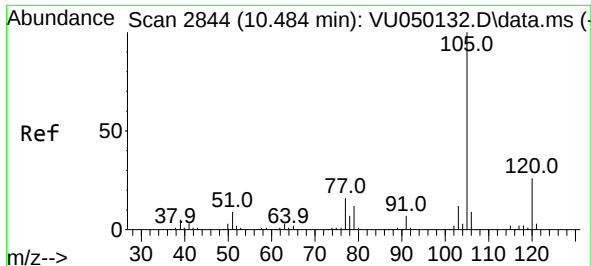
Ion Ratio Lower Upper

173 100

175 48.1 37.0 55.6

254 9.3 7.4 11.0

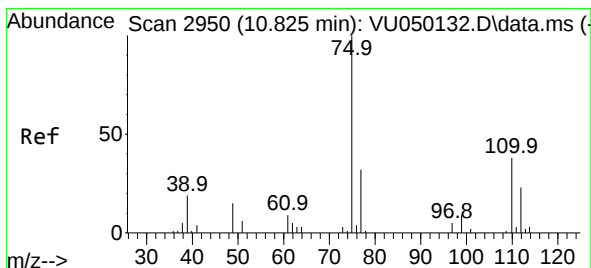
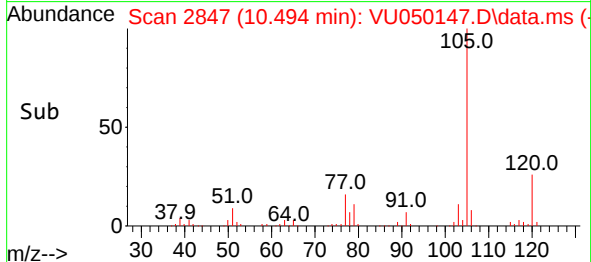
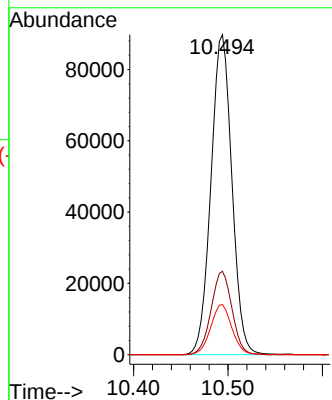
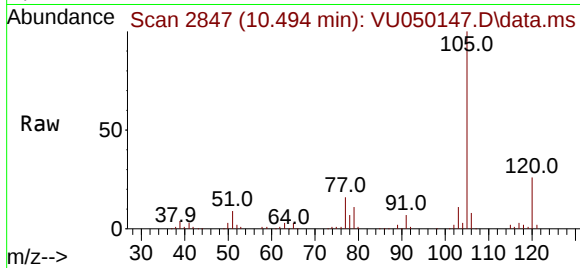




#60
Isopropylbenzene
Concen: 4.992 ug/L
RT: 10.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

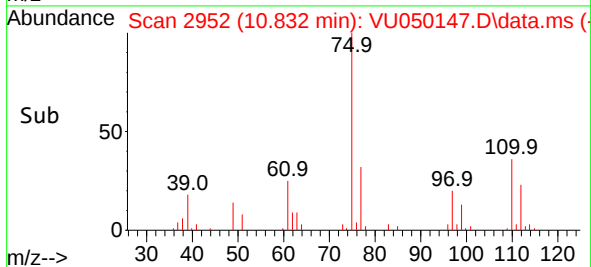
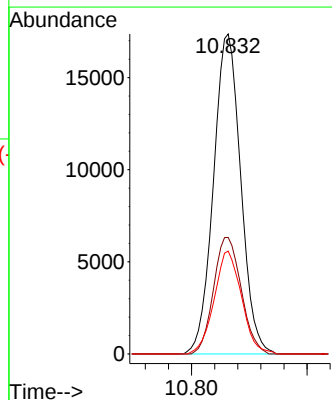
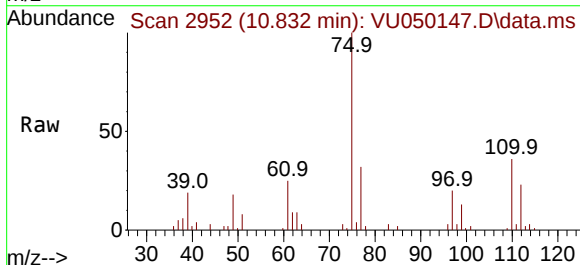
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

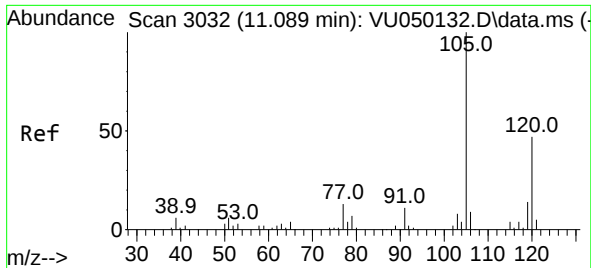
Tgt Ion:105 Resp: 137985
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.049 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 75 Resp: 28470
Ion Ratio Lower Upper
75 100
110 36.9 28.5 42.7
77 32.3 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.487 ug/L

RT: 11.095 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

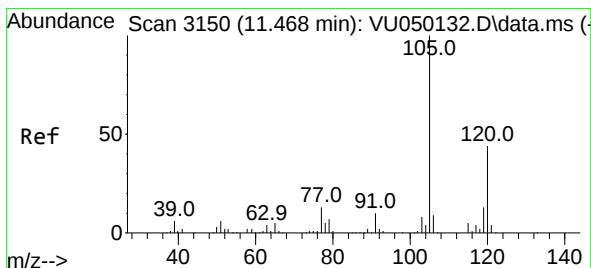
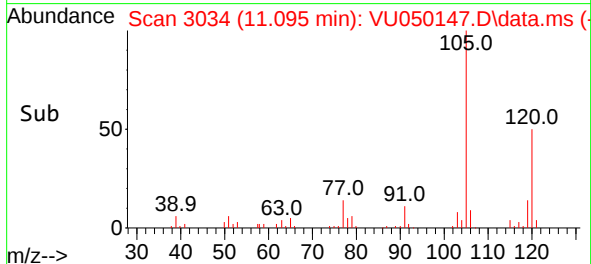
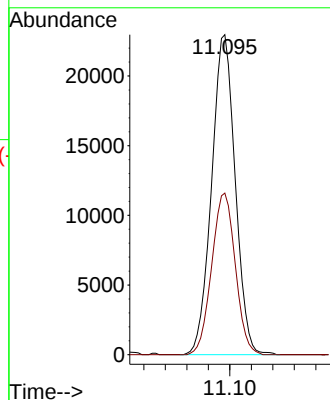
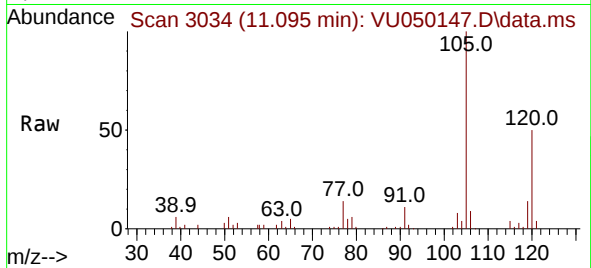
GBJL3MSD

Tgt Ion:105 Resp: 35048

Ion Ratio Lower Upper

105 100

120 50.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.711 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU050147.D

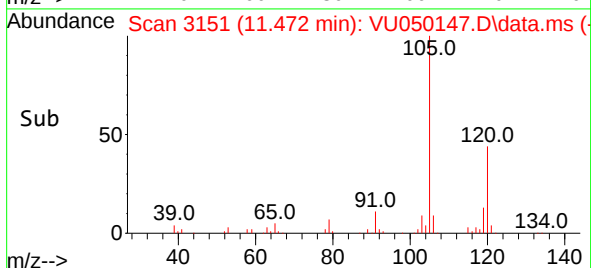
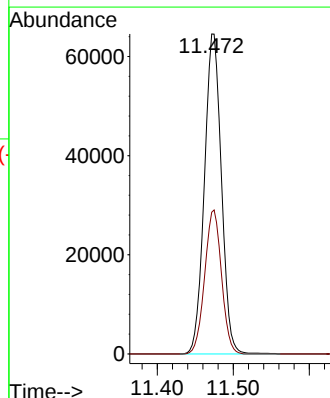
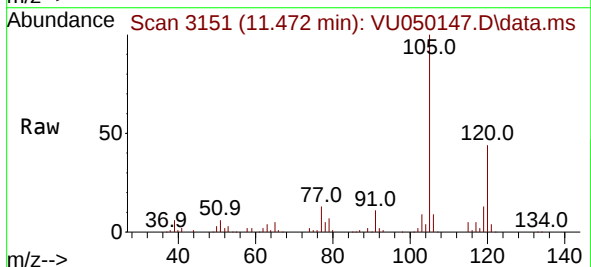
Acq: 08 Aug 2022 20:09

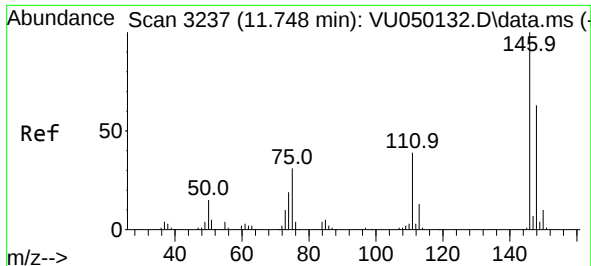
Tgt Ion:105 Resp: 100235

Ion Ratio Lower Upper

105 100

120 44.5 35.9 53.9

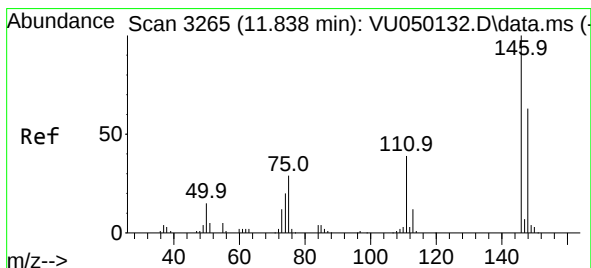
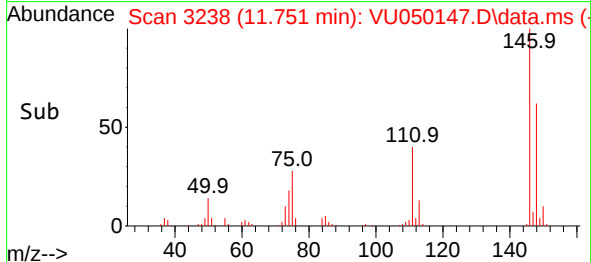
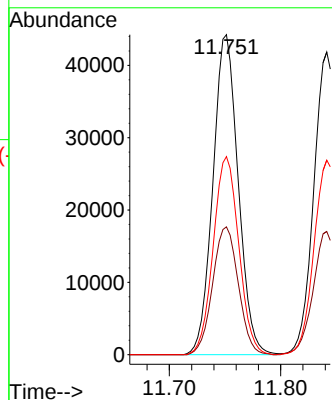
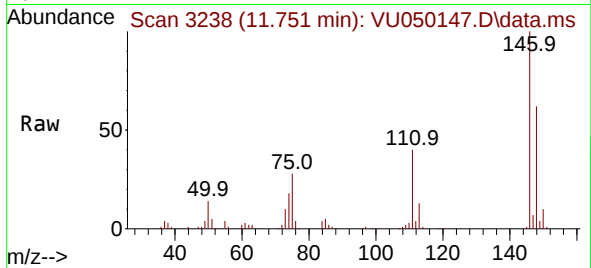




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

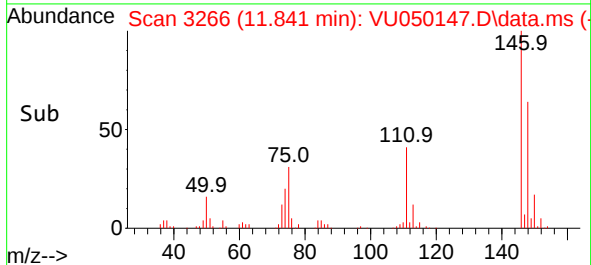
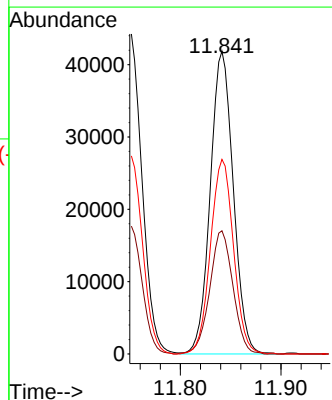
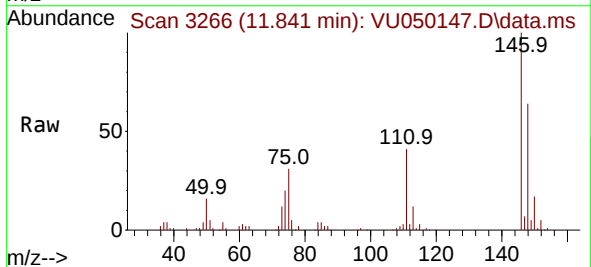
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

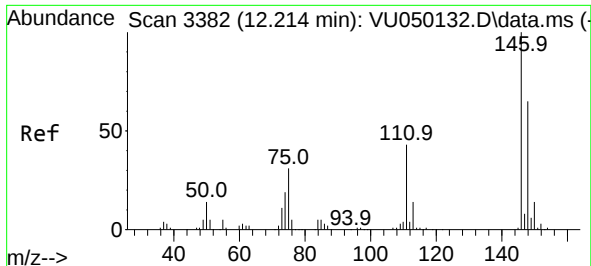
Tgt Ion:146 Resp: 69821
Ion Ratio Lower Upper
146 100
111 39.9 29.9 55.5
148 61.9 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.915 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion:146 Resp: 66642
Ion Ratio Lower Upper
146 100
111 40.7 28.1 52.1
148 64.3 44.6 82.8

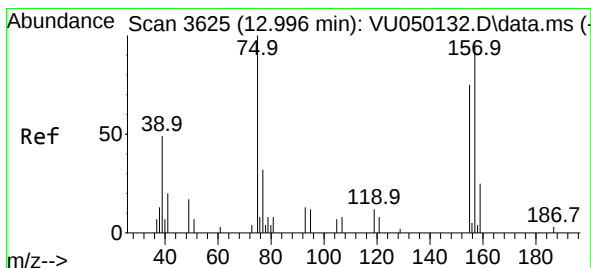
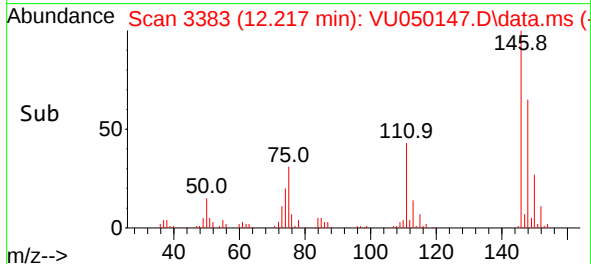
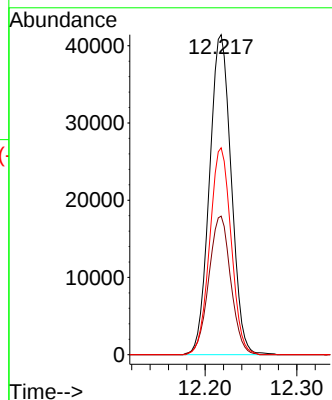
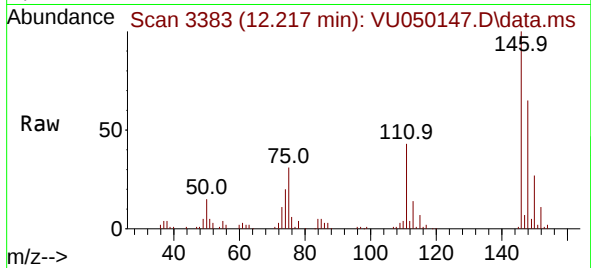




#67
1,2-Dichlorobenzene
Concen: 5.057 ug/L
RT: 12.217 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

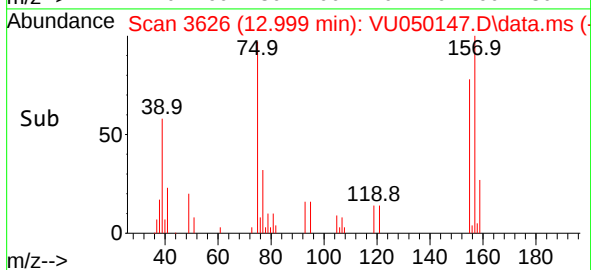
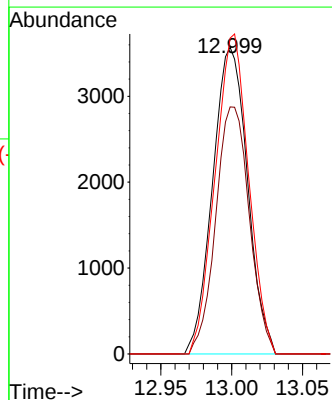
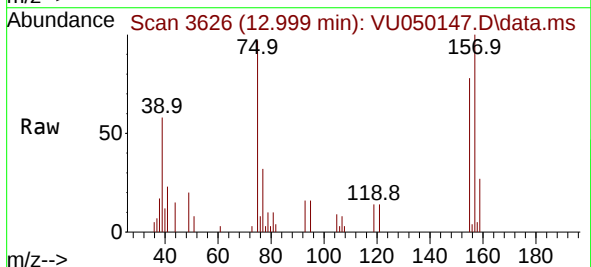
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

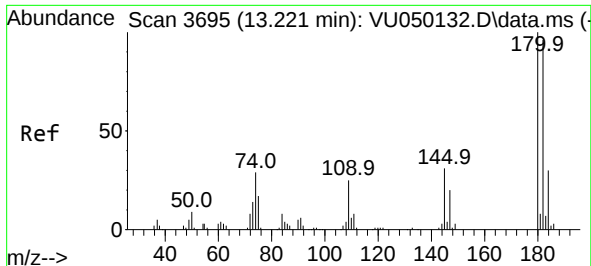
Tgt Ion:146 Resp: 68229
Ion Ratio Lower Upper
146 100
111 43.3 32.9 49.3
148 64.7 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.531 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion: 75 Resp: 6115
Ion Ratio Lower Upper
75 100
155 80.5 63.5 95.3
157 102.9 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.676 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MSD

Tgt Ion:180 Resp: 46409

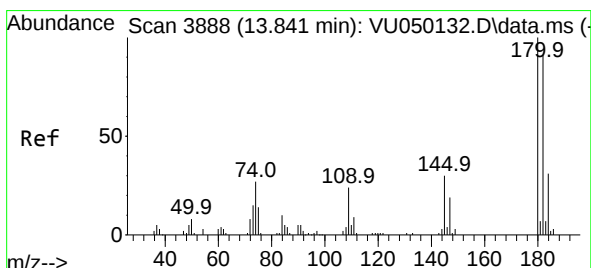
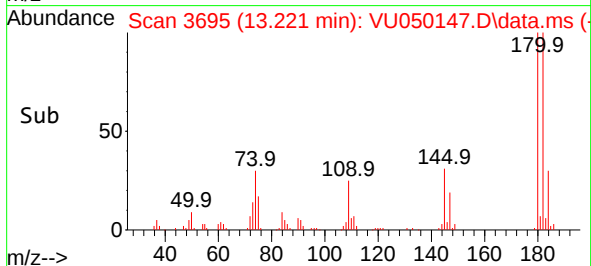
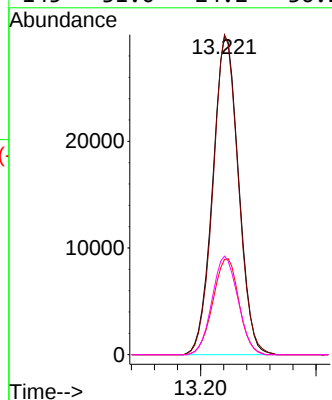
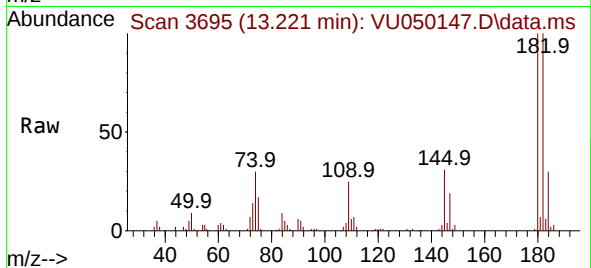
Ion Ratio Lower Upper

180 100

182 98.1 77.3 115.9

184 30.4 24.1 36.1

145 31.0 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.015 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050147.D

Acq: 08 Aug 2022 20:09

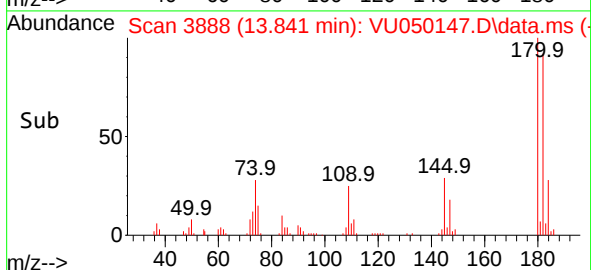
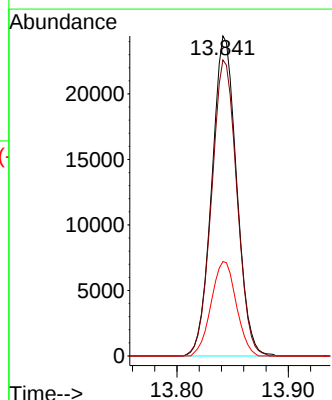
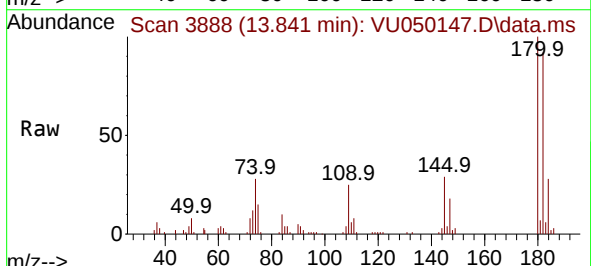
Tgt Ion:180 Resp: 37715

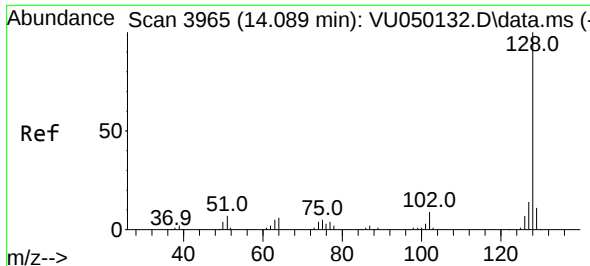
Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 29.9 24.2 36.4

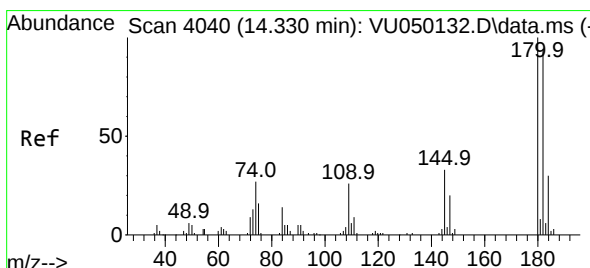
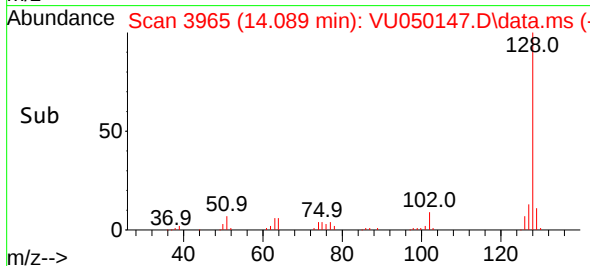
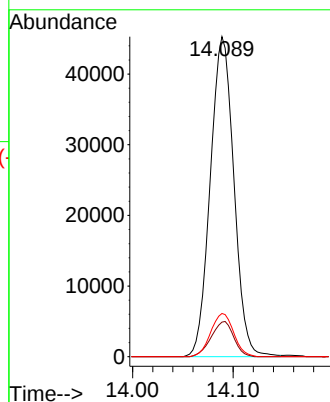
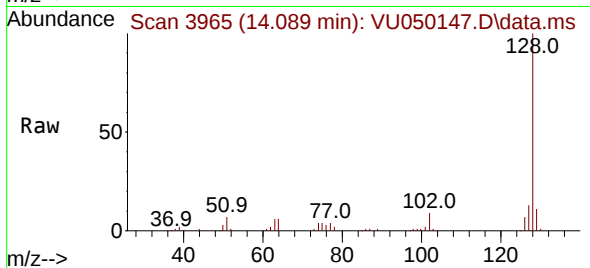




#71
Naphthalene
Concen: 4.789 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

Tgt Ion:	128	Resp:	73853
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.1	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.084 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050147.D
Acq: 08 Aug 2022 20:09

Tgt Ion:	180	Resp:	38759
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	31.8	25.8	38.6

