

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041922\
 Data File : U048136.D
 Acq On : 19 Apr 2022 17:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:11:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	369280	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128398	47.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.900%
7) Chloroethane-d5	1.916	69	104653	49.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.120%
11) 1,1-Dichloroethene-d2	2.572	63	207787	42.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.820%
21) 2-Butanone-d5	4.626	46	208143	90.556	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	5.067	84	238482	48.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
26) 1,2-Dichloroethane-d4	5.703	65	144485	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	5.729	84	474346	48.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	6.694	67	152271	50.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	7.899	98	431524	45.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	8.179	79	67789	44.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.560%
47) 2-Hexanone-d5	8.632	63	153486	87.750	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217982	42.510	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.020%
66) 1,2-Dichlorobenzene-d4	12.195	152	182416	47.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	141511	41.334	ug/L	99
3) Chloromethane	1.523	50	141157	43.113	ug/L	98
5) Vinyl chloride	1.607	62	155147	46.462	ug/L	99
6) Bromomethane	1.858	94	69339	38.580	ug/L	99
8) Chloroethane	1.935	64	99252	47.348	ug/L	98
9) Trichlorofluoromethane	2.141	101	207862	44.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	126888	46.619	ug/L	97
12) 1,1-Dichloroethene	2.584	96	111836	44.150	ug/L	85
13) Acetone	2.633	43	179204	83.781	ug/L	100
14) Carbon disulfide	2.797	76	296720	37.058	ug/L	100
15) Methyl Acetate	2.951	43	165561	48.540	ug/L	98
16) Methylene chloride	3.051	84	153826	52.920	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	126239	46.204	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	393620	51.065	ug/L	98
19) 1,1-Dichloroethane	3.874	63	248145	52.661	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	147743	49.324	ug/L	96
22) 2-Butanone	4.703	43	253741	92.090	ug/L	96
23) Bromochloromethane	4.977	128	82254	50.015	ug/L	98
25) Chloroform	5.092	83	262211	51.686	ug/L	98

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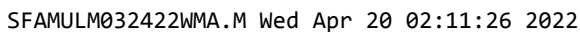
Instrument :
 MSVOA_U
 ClientSampleId :

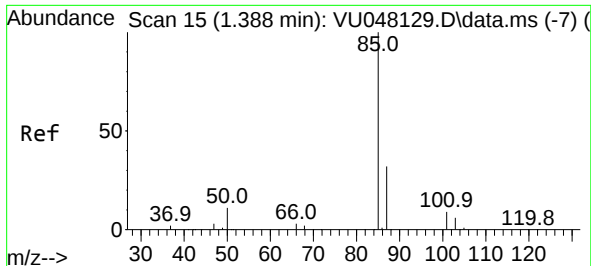
Quant Time: Apr 20 02:11:16 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	195173	49.796	ug/L	96
29) Cyclohexane	5.391	56	178633	45.530	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	214052	48.824	ug/L	99
31) Carbon tetrachloride	5.527	117	185588	46.878	ug/L	99
33) Benzene	5.777	78	571203	51.038	ug/L	100
34) Trichloroethene	6.543	95	144140	49.126	ug/L	99
35) Methylcyclohexane	6.764	83	201355	45.109	ug/L	99
37) 1,2-Dichloropropane	6.793	63	155284	54.580	ug/L	100
38) Bromodichloromethane	7.108	83	197710	50.605	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	203350	46.064	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	418990	93.179	ug/L	98
42) Toluene	7.970	91	601562	48.988	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	217214	49.281	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	157596	52.229	ug/L	98
46) Tetrachloroethene	8.555	164	123871	46.979	ug/L	97
48) 2-Hexanone	8.684	43	370561	95.804	ug/L	99
49) Dibromochloromethane	8.813	129	170061	48.661	ug/L	98
50) 1,2-Dibromoethane	8.925	107	167303	49.458	ug/L	100
51) Chlorobenzene	9.449	112	411538	49.357	ug/L	98
52) Ethylbenzene	9.571	91	630545	48.835	ug/L	100
53) m,p-Xylene	9.694	106	254345	50.203	ug/L	100
54) o-Xylene	10.102	106	244986	49.268	ug/L	100
55) Styrene	10.115	104	423846	49.925	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	257321	45.489	ug/L	99
59) Bromoform	10.292	173	138335	50.009	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	198693	48.722	ug/L	99
61) Isopropylbenzene	10.485	105	612027	52.349	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295133	46.526	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	472375	49.025	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	325161	50.038	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	328086	48.744	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	328144	50.468	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	64307	49.228	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	265049	50.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	227707	49.260	ug/L	99
71) Naphthalene	14.086	128	673053	48.836	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	239190	51.616	ug/L	99

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

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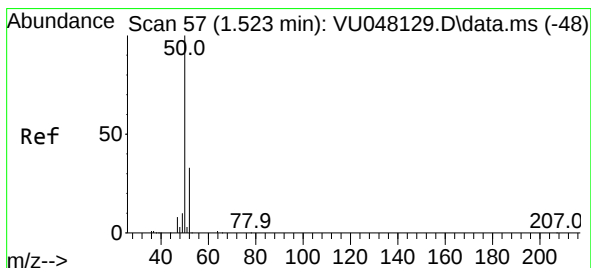
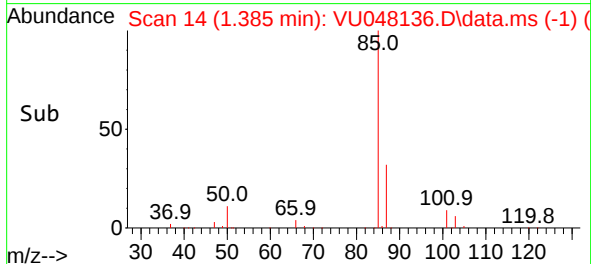
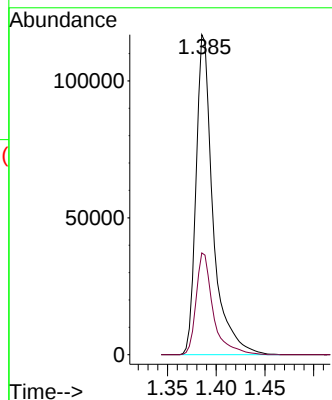
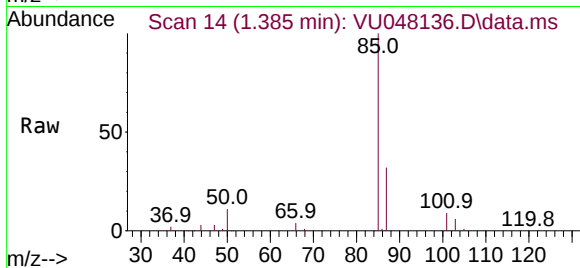




#2
Dichlorodifluoromethane
Concen: 41.334 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

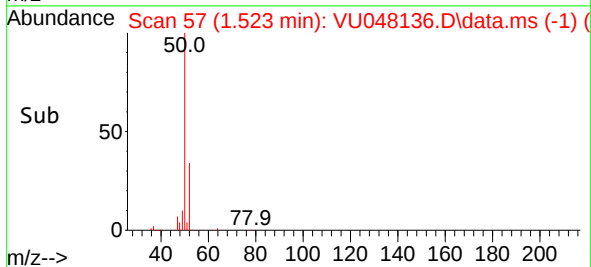
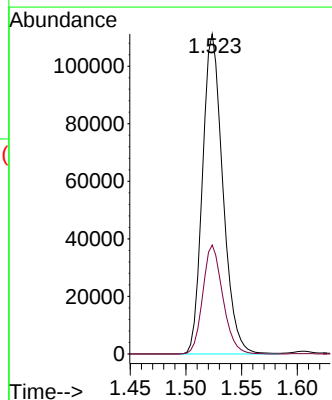
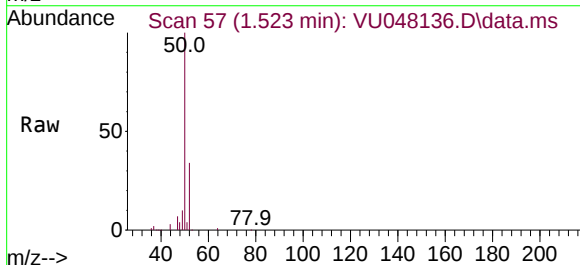
Instrument :
MSVOA_U
ClientSampleId :

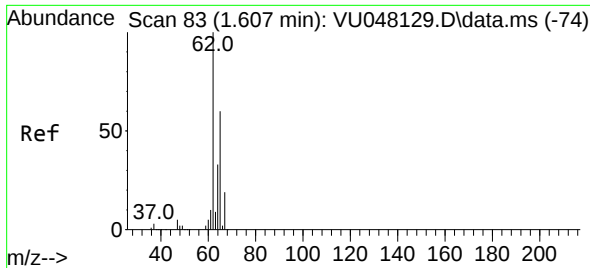
Tgt Ion: 85 Resp: 141511
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 43.113 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

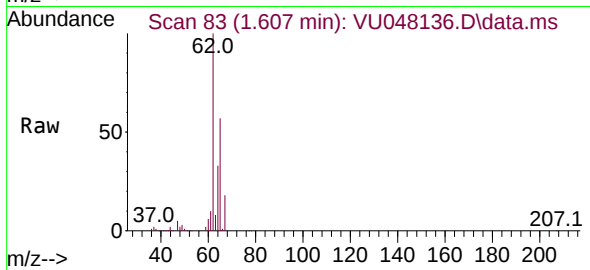
Tgt Ion: 50 Resp: 141157
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2



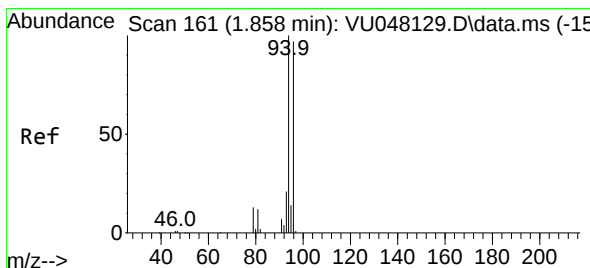
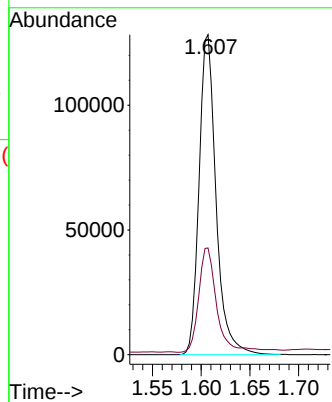
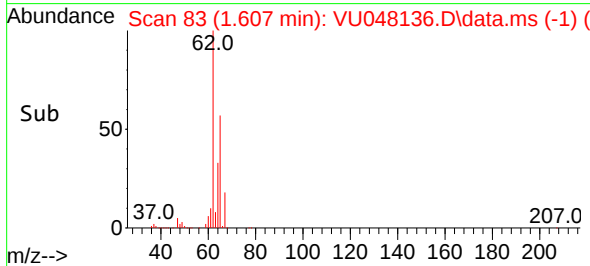


#5
 Vinyl chloride
 Concen: 46.462 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

Instrument :
 MSVOA_U
 ClientSampleId :

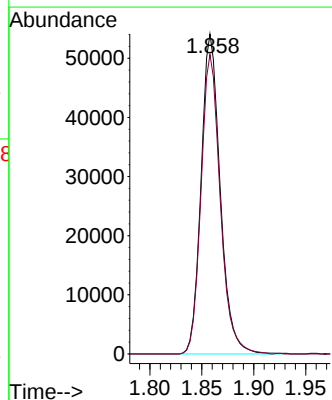
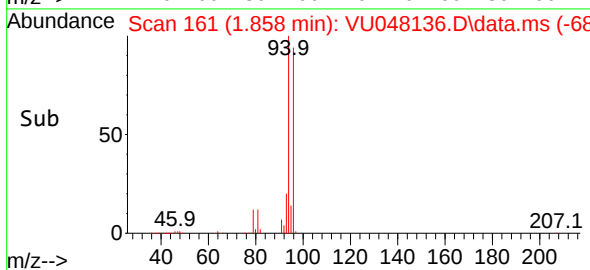
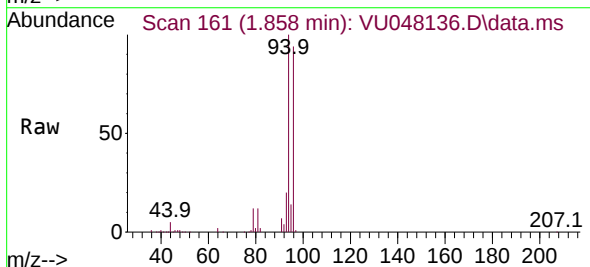


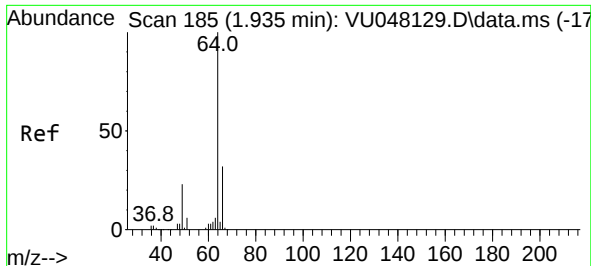
Tgt Ion: 62 Resp: 155147
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 43.9



#6
 Bromomethane
 Concen: 38.580 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

Tgt Ion: 94 Resp: 69339
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.8 120.3

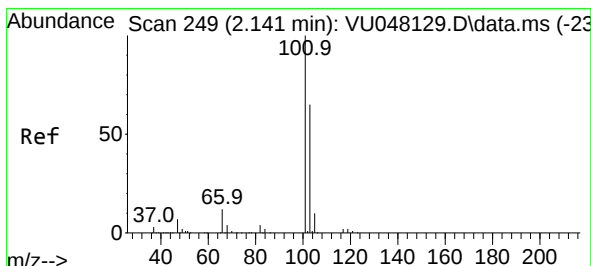
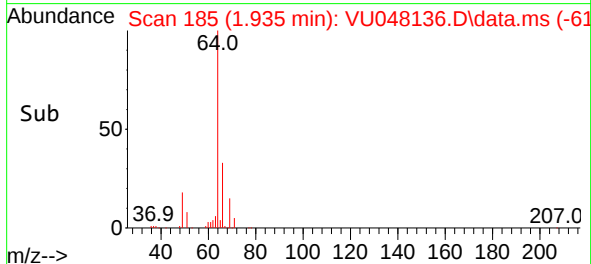
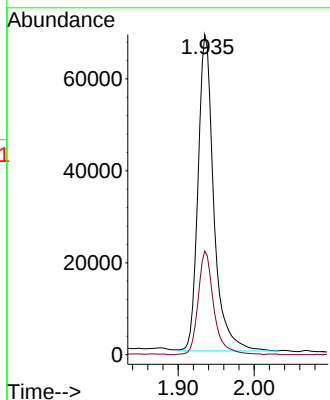
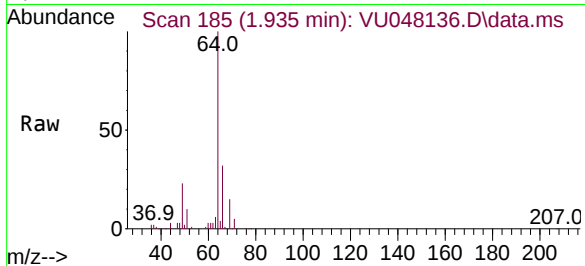




#8
Chloroethane
Concen: 47.348 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

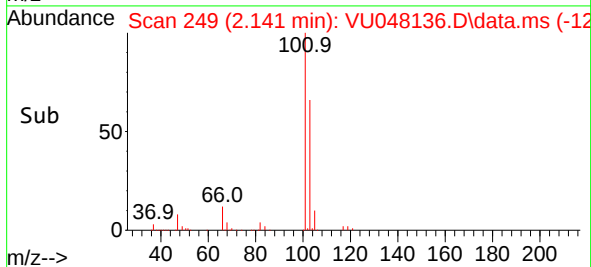
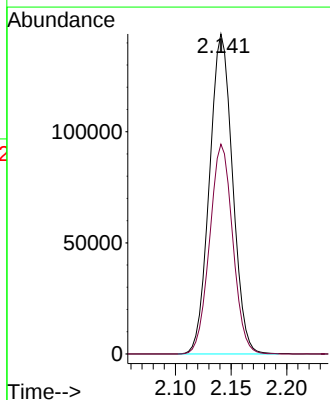
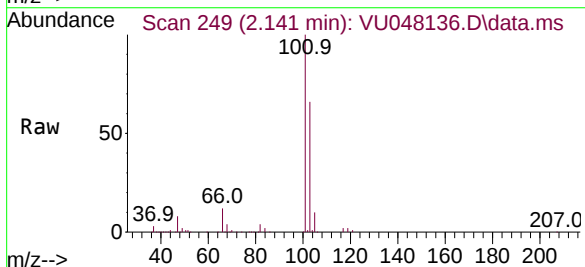
Instrument :
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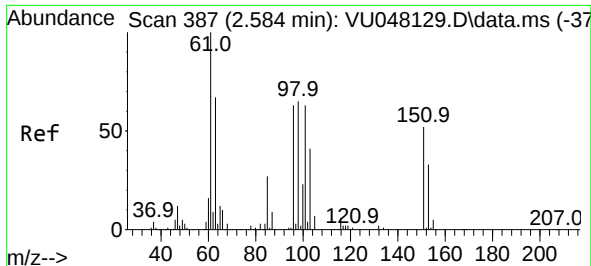
Tgt Ion: 64 Resp: 99252
Ion Ratio Lower Upper
64 100
66 32.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 44.144 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 101 Resp: 207862
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

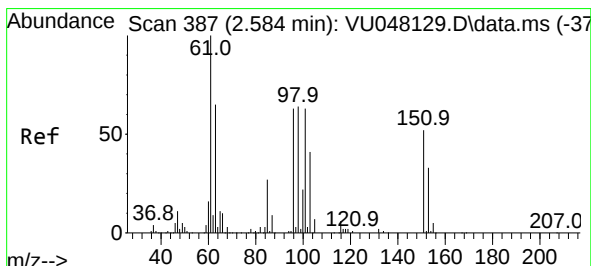
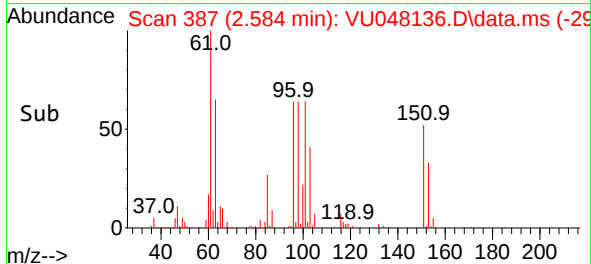
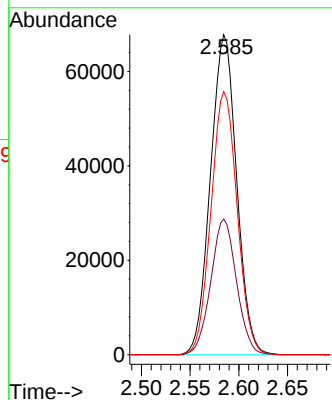
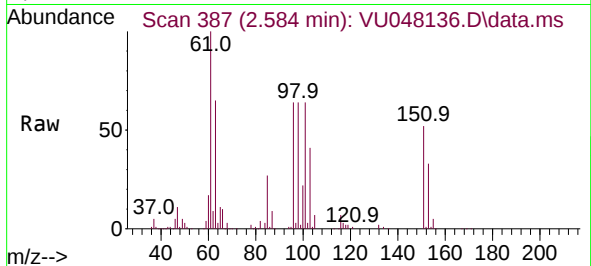




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.619 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

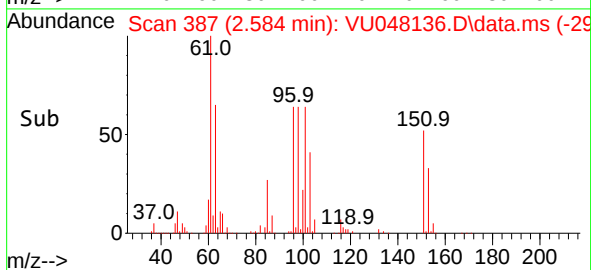
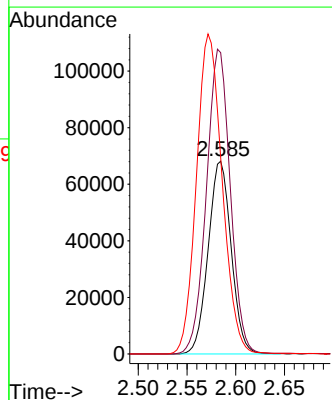
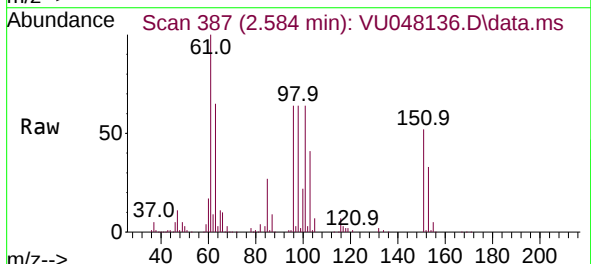
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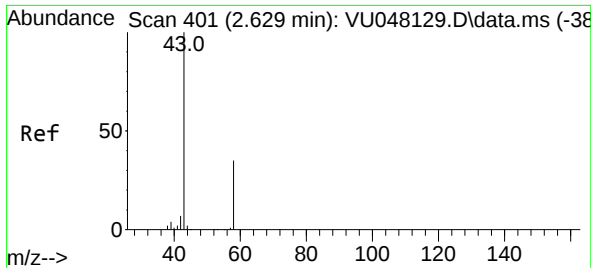
Tgt Ion:101 Resp: 126888
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.8 49.2
 151 82.1 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 44.150 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

Tgt Ion: 96 Resp: 111836
 Ion Ratio Lower Upper
 96 100
 61 156.3 113.1 210.1
 63 101.9 94.8 176.0





#13

Acetone

Concen: 83.781 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

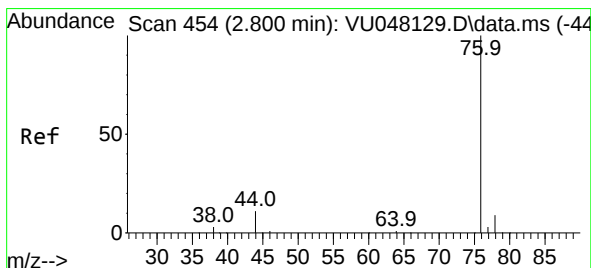
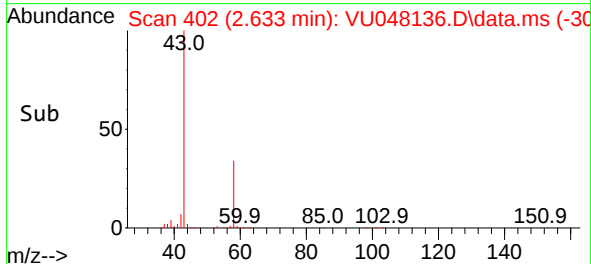
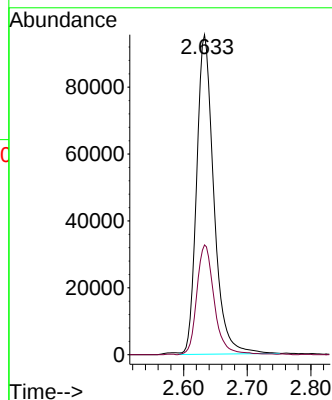
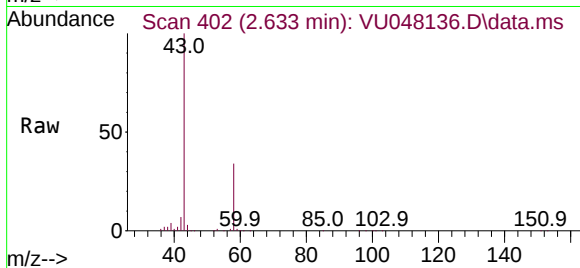
ClientSampleId :

Tgt Ion: 43 Resp: 179204

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#14

Carbon disulfide

Concen: 37.058 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU048136.D

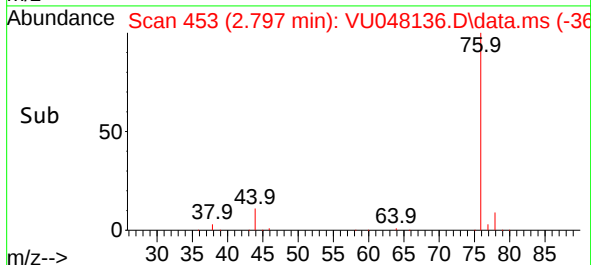
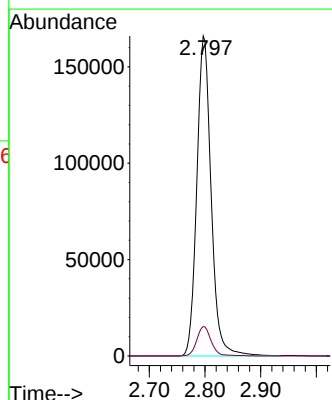
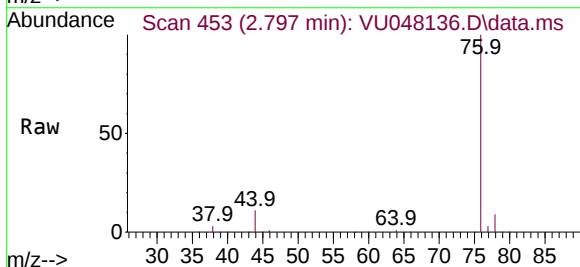
Acq: 19 Apr 2022 17:02

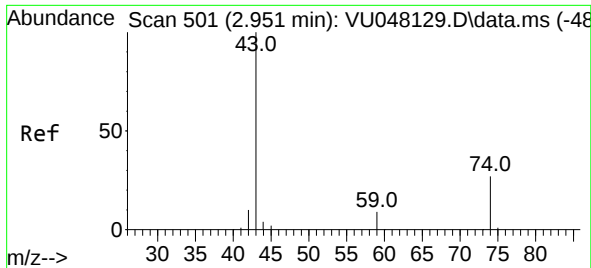
Tgt Ion: 76 Resp: 296720

Ion Ratio Lower Upper

76 100

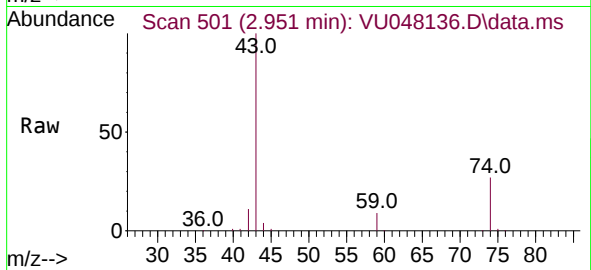
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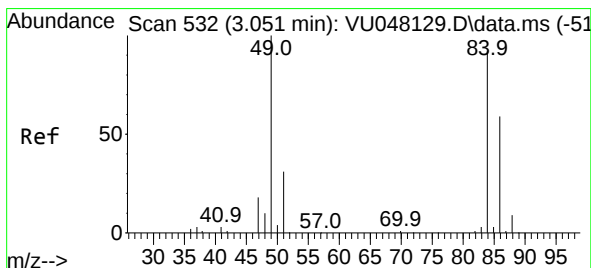
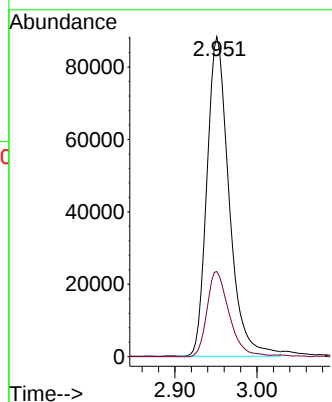
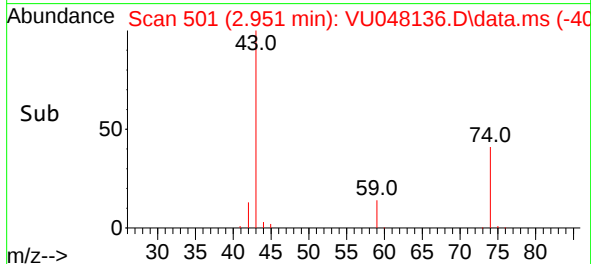


#15
Methyl Acetate
Concen: 48.540 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :

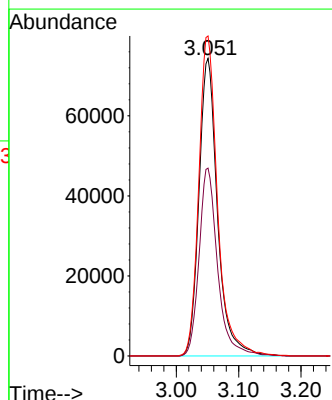
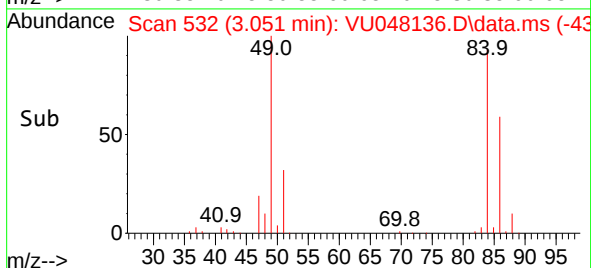
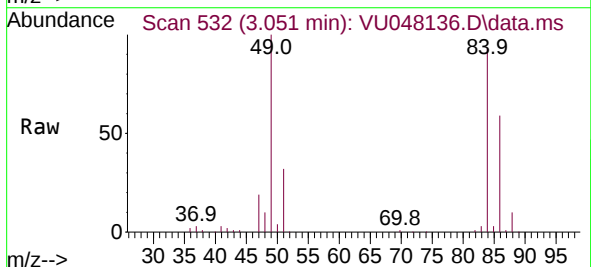


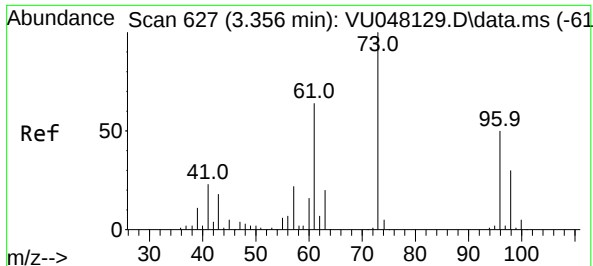
Tgt Ion: 43 Resp: 165561
Ion Ratio Lower Upper
43 100
74 26.7 22.2 33.2



#16
Methylene chloride
Concen: 52.920 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 84 Resp: 153826
Ion Ratio Lower Upper
84 100
86 63.1 46.0 85.4
49 107.5 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 46.204 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

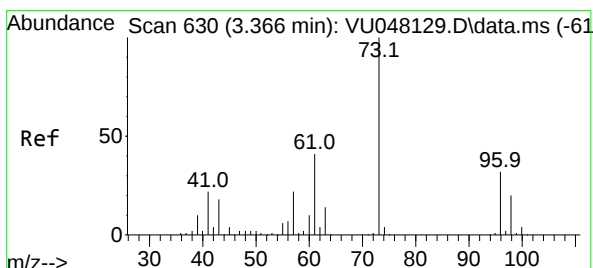
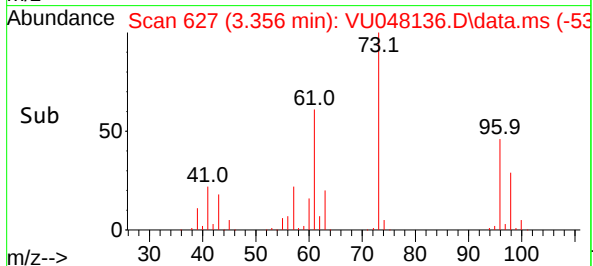
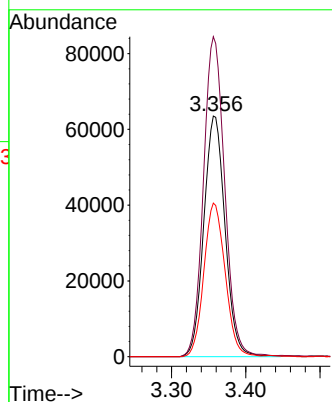
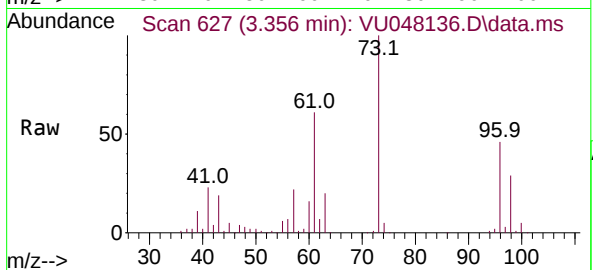
Tgt Ion: 96 Resp: 126239

Ion Ratio Lower Upper

96 100

61 132.9 88.4 164.2

98 63.8 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 51.065 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

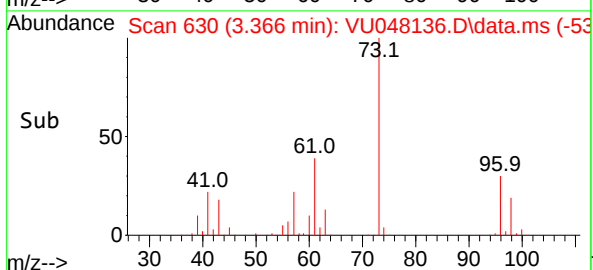
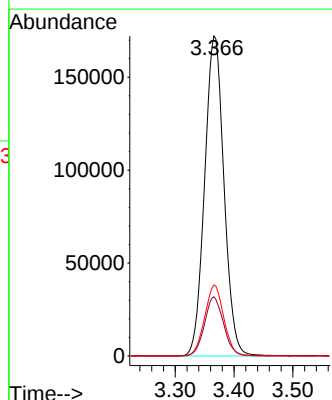
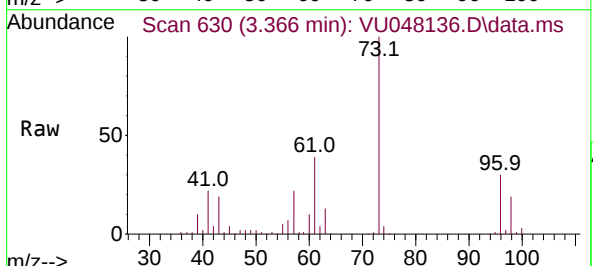
Tgt Ion: 73 Resp: 393620

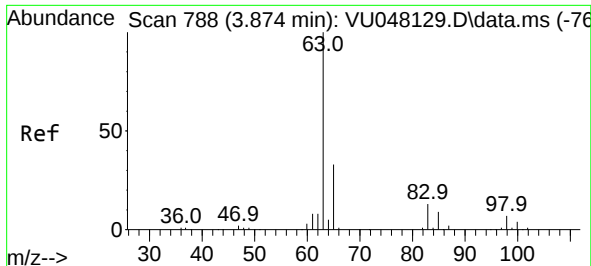
Ion Ratio Lower Upper

73 100

43 18.2 15.3 22.9

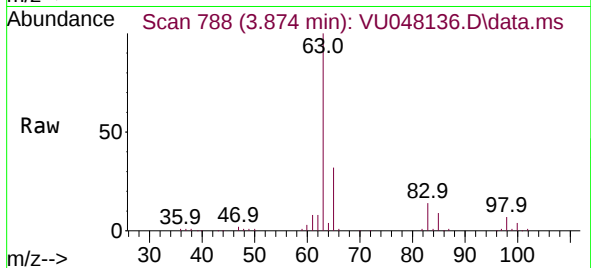
57 21.9 17.0 25.6



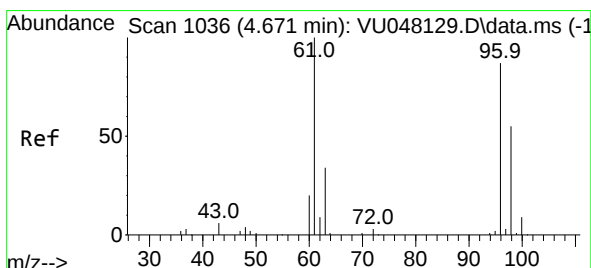
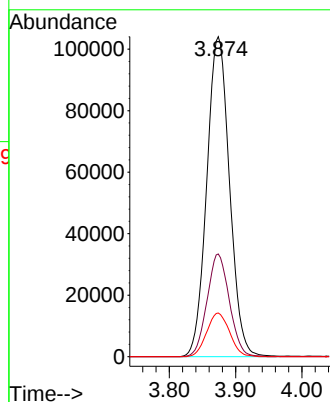
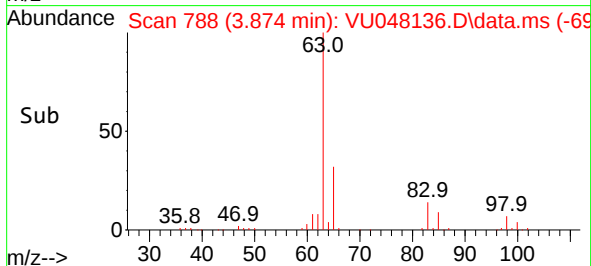


#19
1,1-Dichloroethane
Concen: 52.661 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

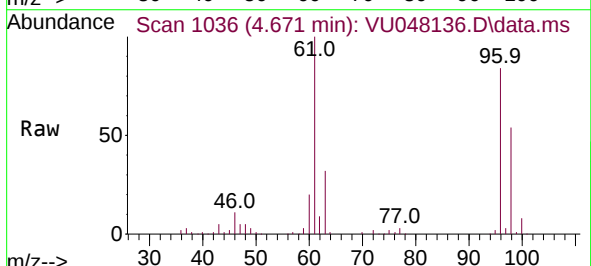
Instrument :
MSVOA_U
ClientSampleId :



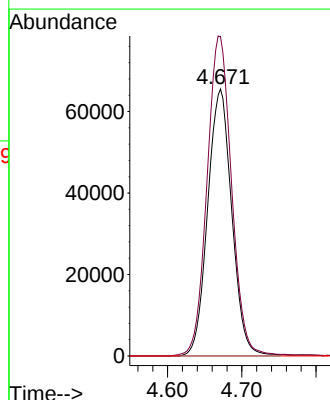
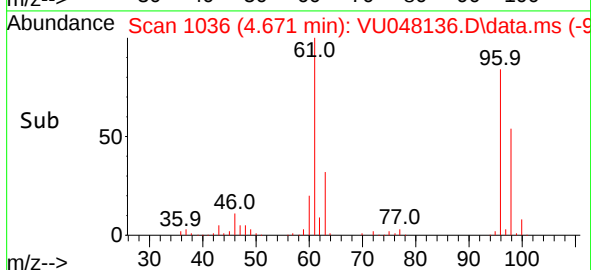
Tgt Ion: 63 Resp: 248145
Ion Ratio Lower Upper
63 100
65 32.1 22.0 41.0
83 13.6 9.7 18.1

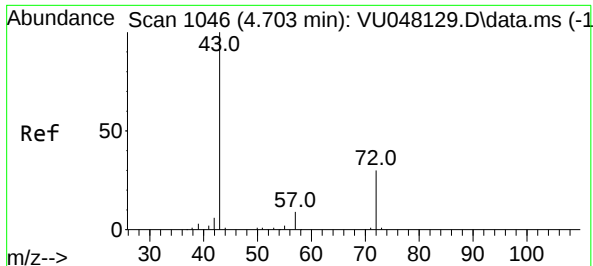


#20
cis-1,2-Dichloroethene
Concen: 49.324 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02



Tgt Ion: 96 Resp: 147743
Ion Ratio Lower Upper
96 100
61 119.5 80.7 149.9
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 92.090 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

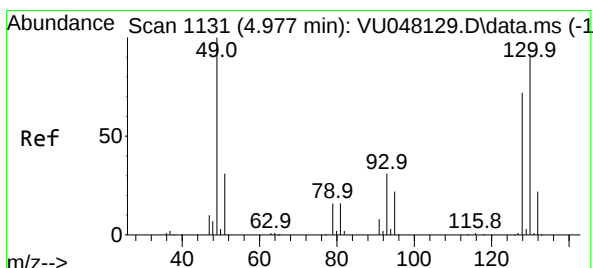
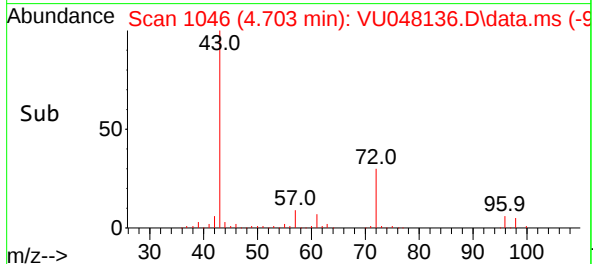
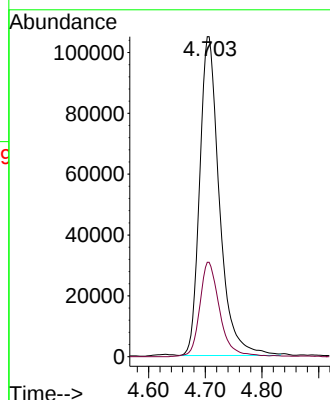
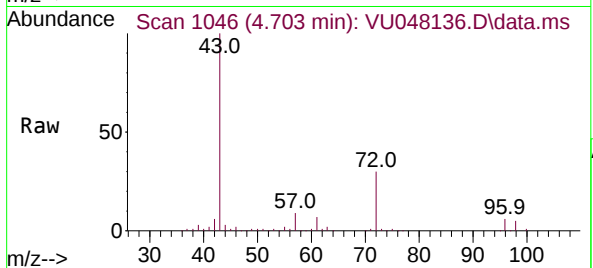
ClientSampleId :

Tgt Ion: 43 Resp: 253741

Ion Ratio Lower Upper

43 100

72 29.8 16.0 47.9



#23

Bromochloromethane

Concen: 50.015 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Tgt Ion: 128 Resp: 82254

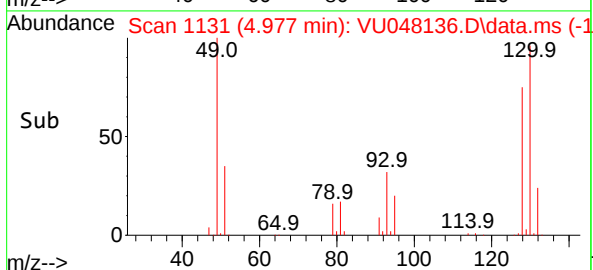
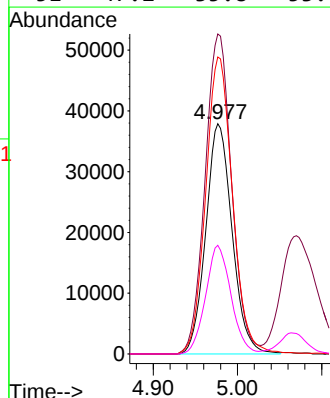
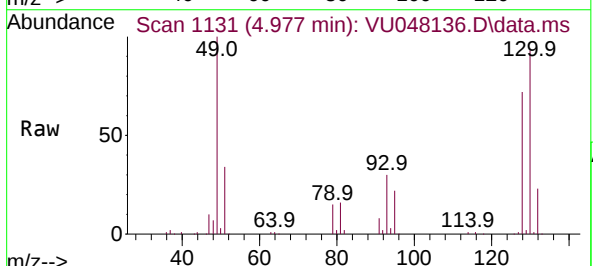
Ion Ratio Lower Upper

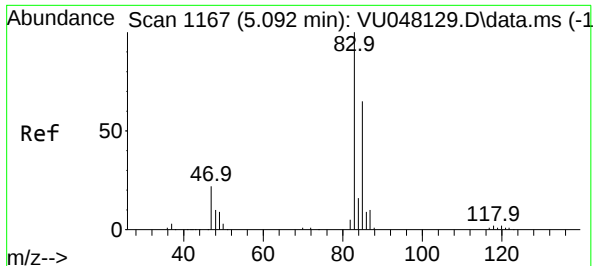
128 100

49 139.0 94.1 174.8

130 129.0 90.2 167.4

51 47.2 35.8 53.6





#25

Chloroform

Concen: 51.686 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

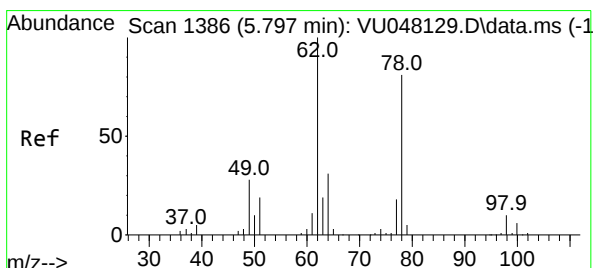
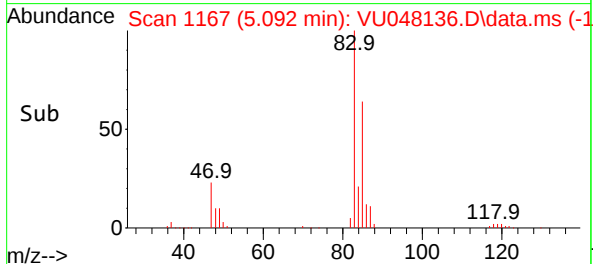
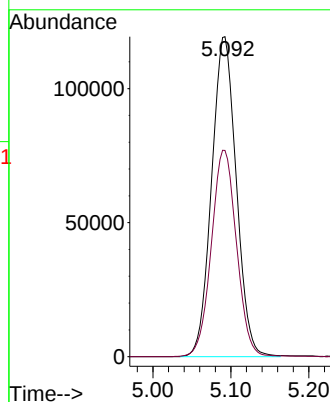
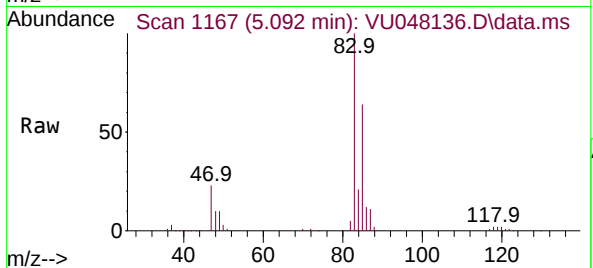
ClientSampleId :

Tgt Ion: 83 Resp: 262211

Ion Ratio Lower Upper

83 100

85 64.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 49.796 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048136.D

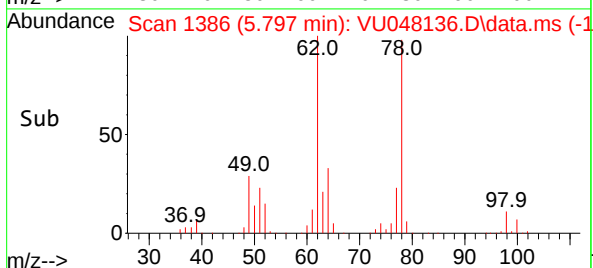
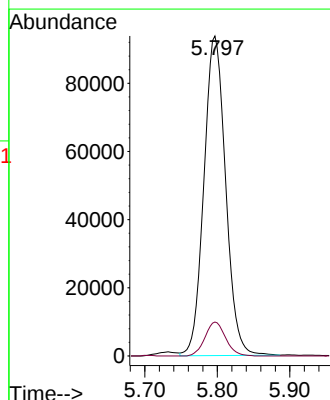
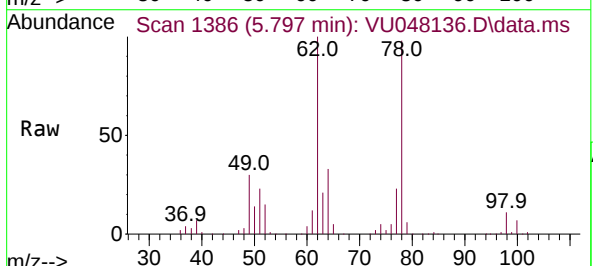
Acq: 19 Apr 2022 17:02

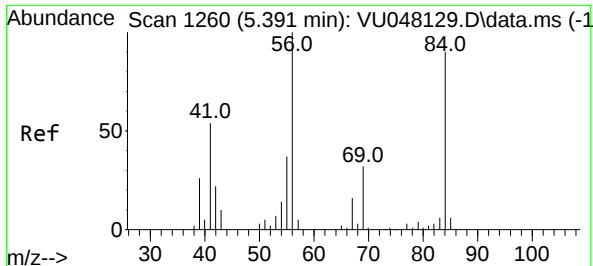
Tgt Ion: 62 Resp: 195173

Ion Ratio Lower Upper

62 100

98 10.6 7.4 11.0





#29

Cyclohexane

Concen: 45.530 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

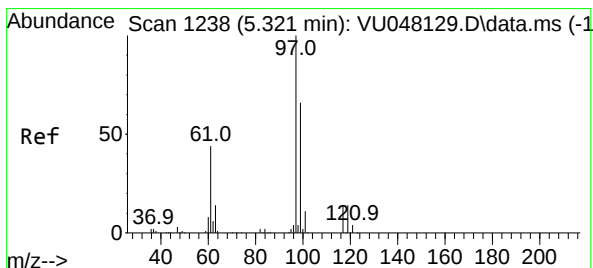
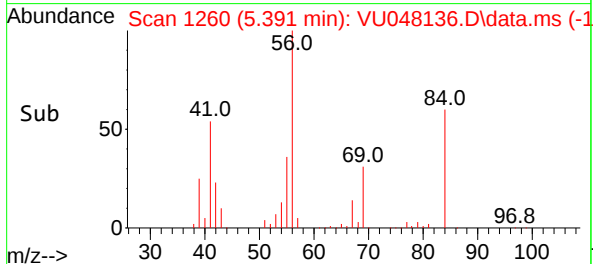
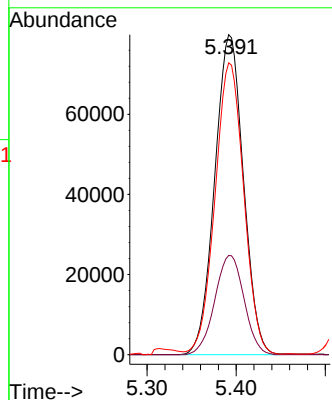
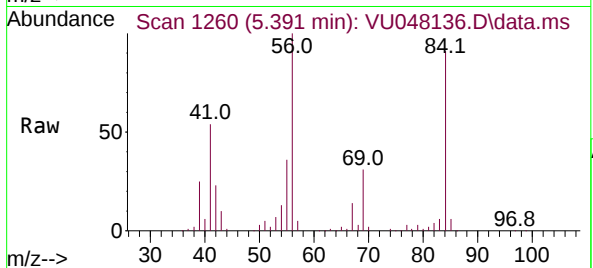
Tgt Ion: 56 Resp: 178633

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 91.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 48.824 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

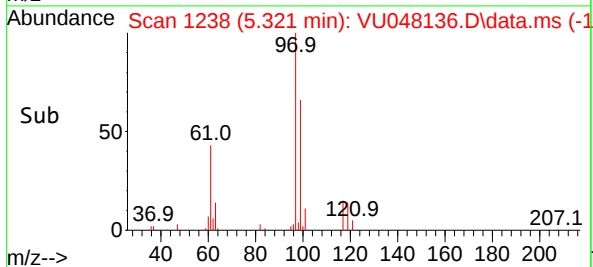
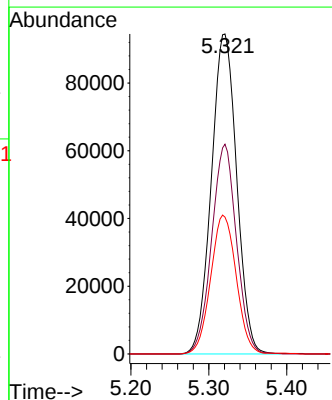
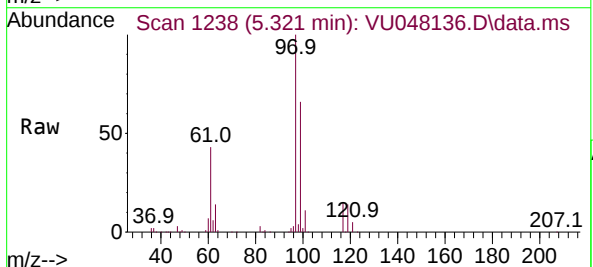
Tgt Ion: 97 Resp: 214052

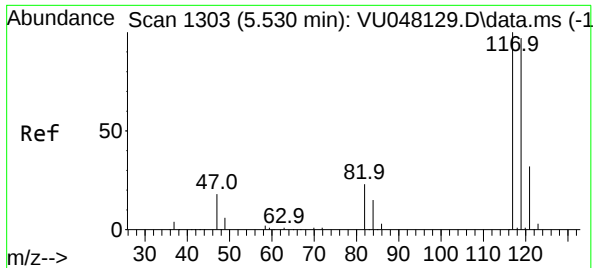
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.6 34.2 51.4

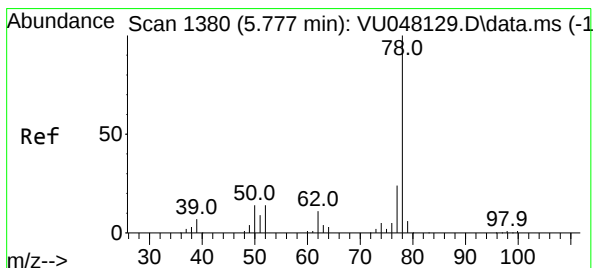
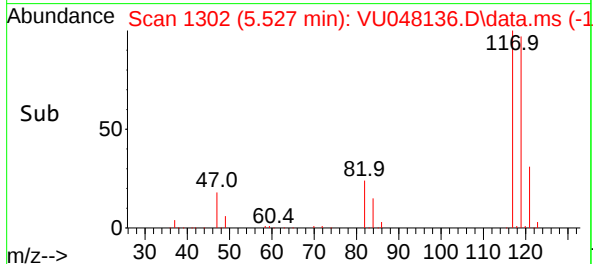
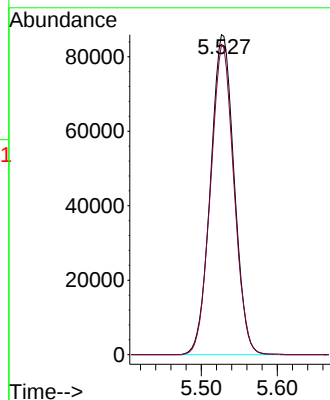
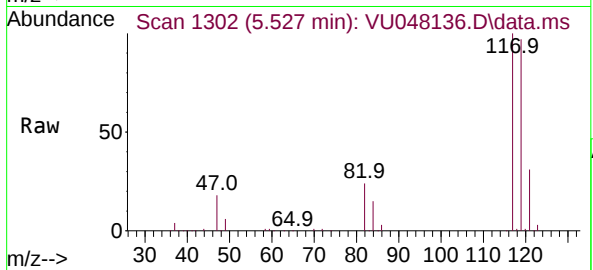




#31
Carbon tetrachloride
Concen: 46.878 ug/L
RT: 5.527 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

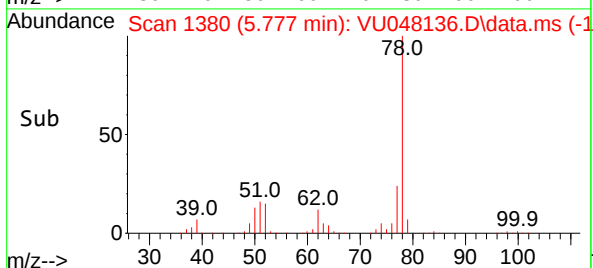
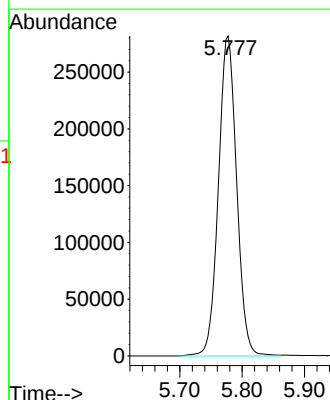
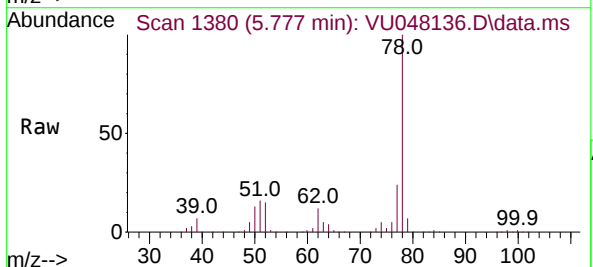
Instrument :
MSVOA_U
ClientSampleId :

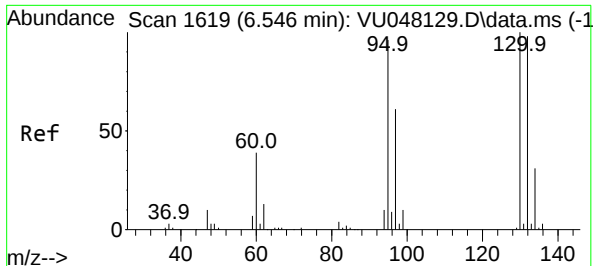
Tgt Ion:117 Resp: 185588
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8



#33
Benzene
Concen: 51.038 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 78 Resp: 571203

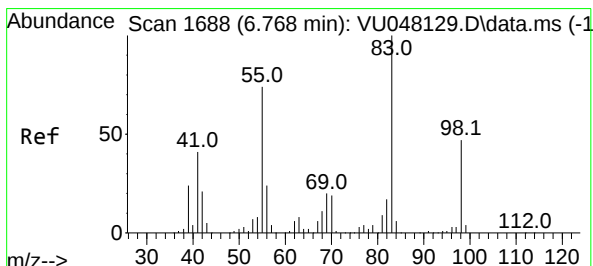
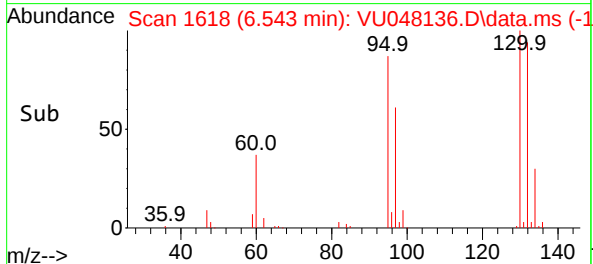
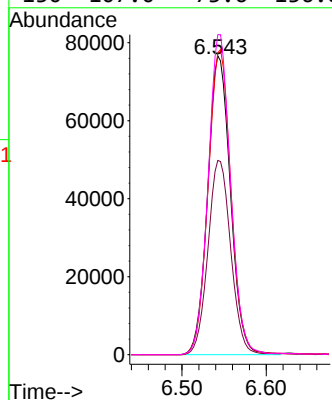
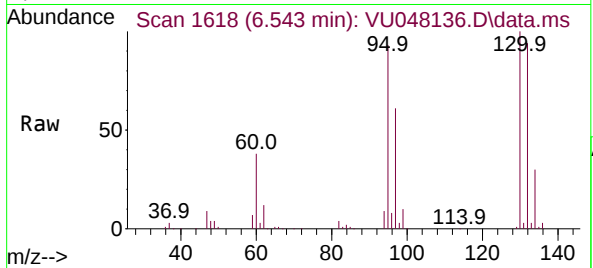




#34
Trichloroethene
Concen: 49.126 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

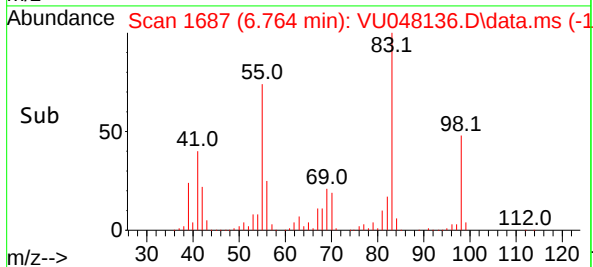
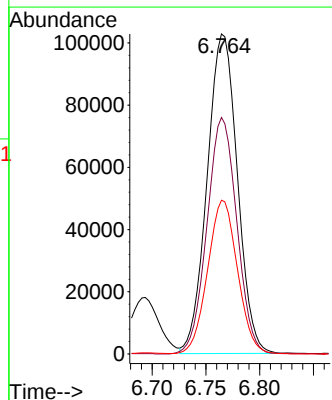
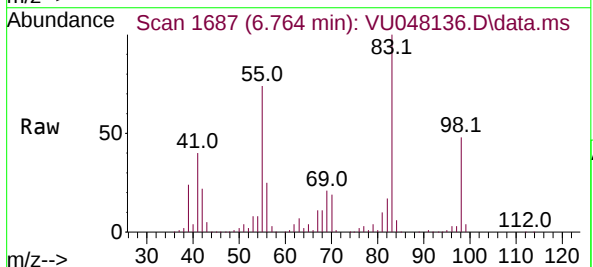
Instrument :
MSVOA_U
ClientSampleId :

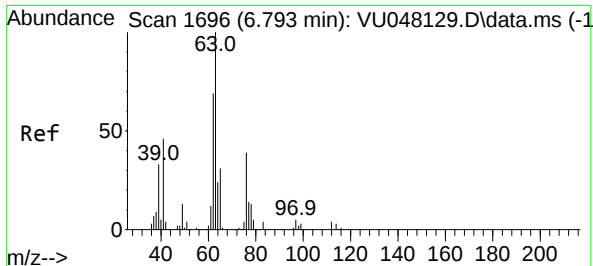
Tgt Ion: 95 Resp: 144140
Ion Ratio Lower Upper
95 100
97 65.0 44.7 82.9
132 101.0 70.4 130.8
130 107.0 73.6 136.8



#35
Methylcyclohexane
Concen: 45.109 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 83 Resp: 201355
Ion Ratio Lower Upper
83 100
55 73.0 56.8 85.2
98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 54.580 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

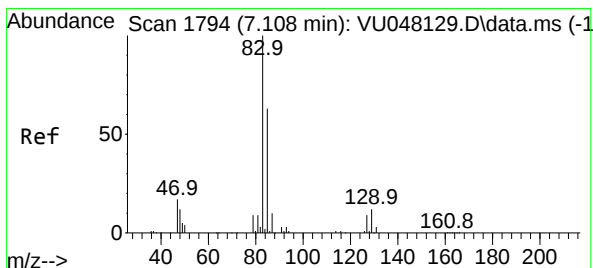
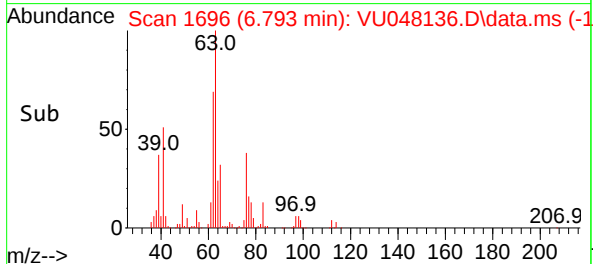
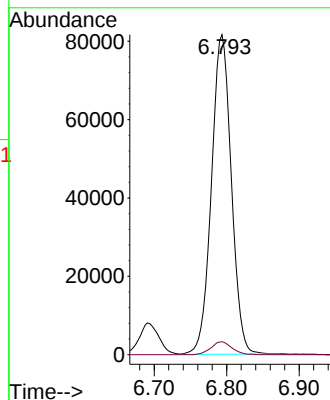
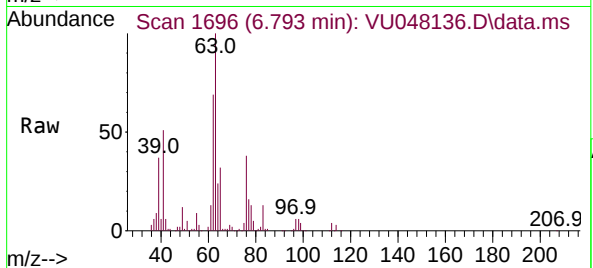
ClientSampleId :

Tgt Ion: 63 Resp: 155284

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 50.605 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

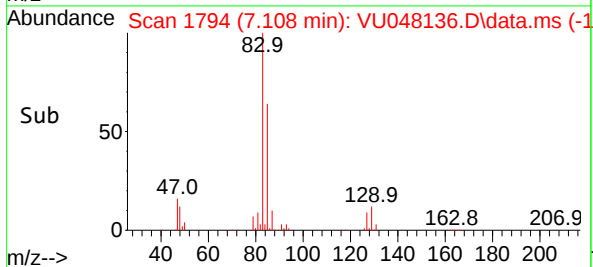
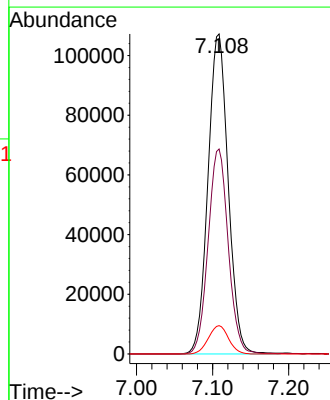
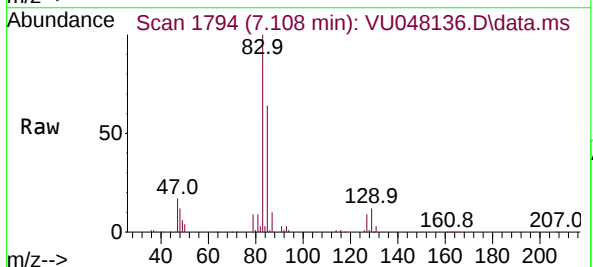
Tgt Ion: 83 Resp: 197710

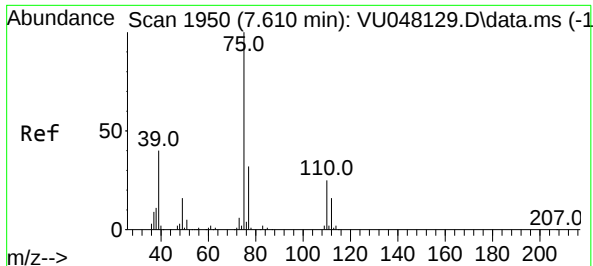
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 46.064 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

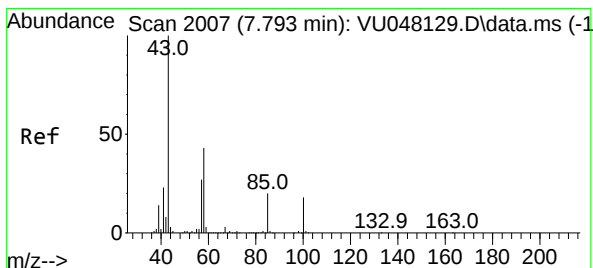
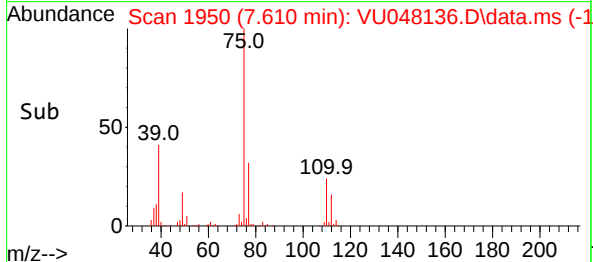
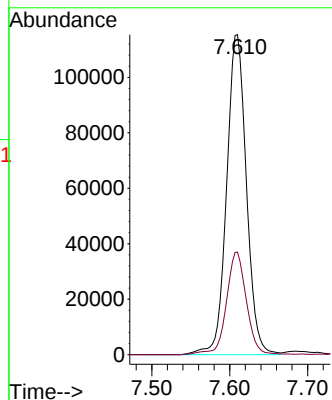
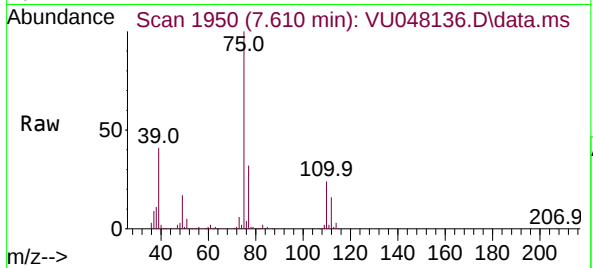
ClientSampleId :

Tgt Ion: 75 Resp: 203350

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 93.179 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

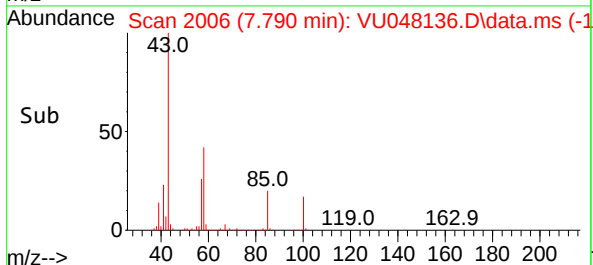
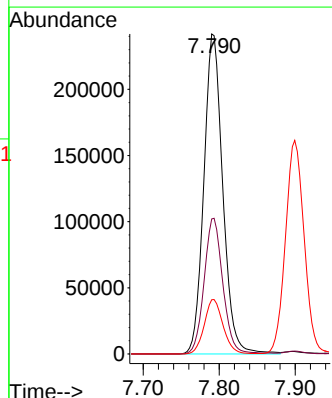
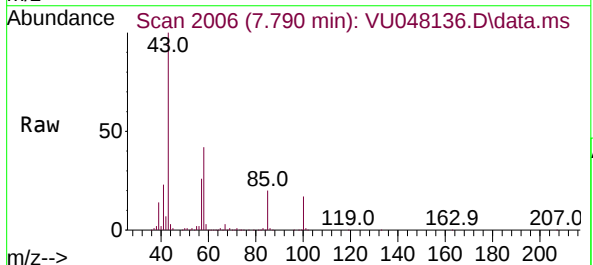
Tgt Ion: 43 Resp: 418990

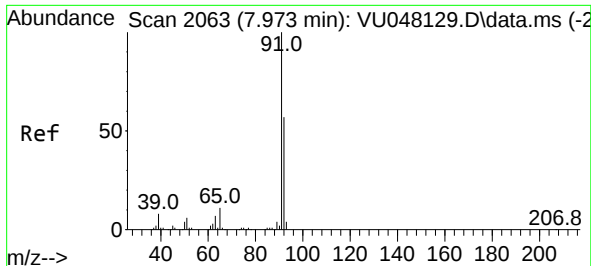
Ion Ratio Lower Upper

43 100

58 41.8 34.7 52.1

100 16.9 14.2 21.2





#42

Toluene

Concen: 48.988 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

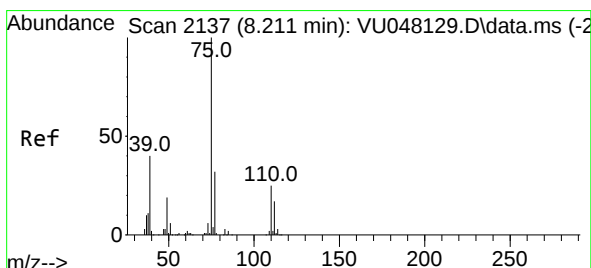
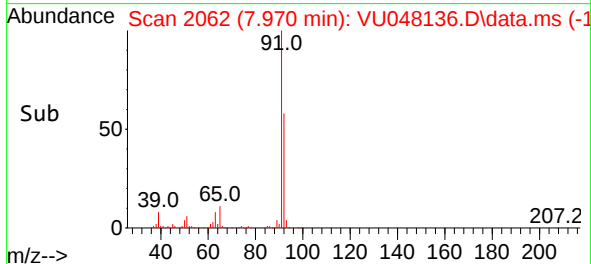
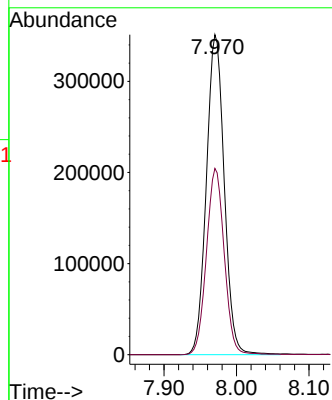
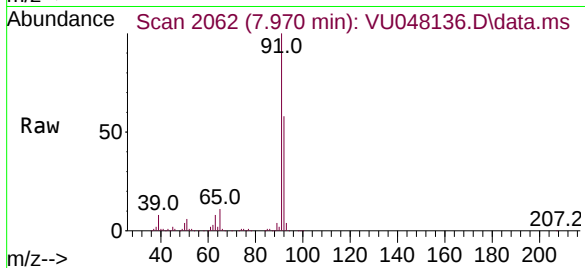
ClientSampleId :

Tgt Ion: 91 Resp: 601562

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 49.281 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048136.D

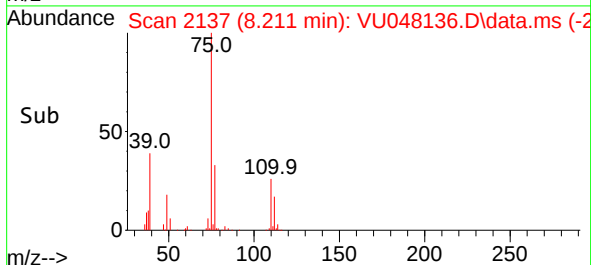
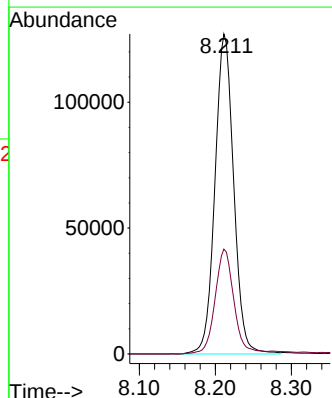
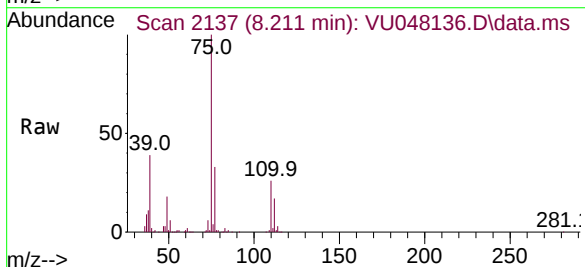
Acq: 19 Apr 2022 17:02

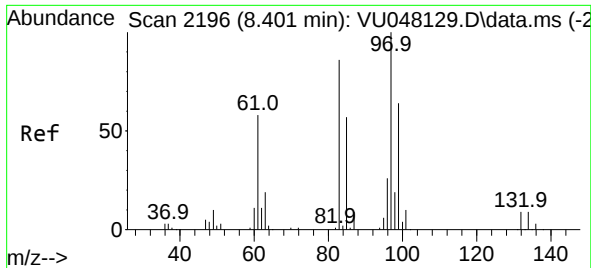
Tgt Ion: 75 Resp: 217214

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8

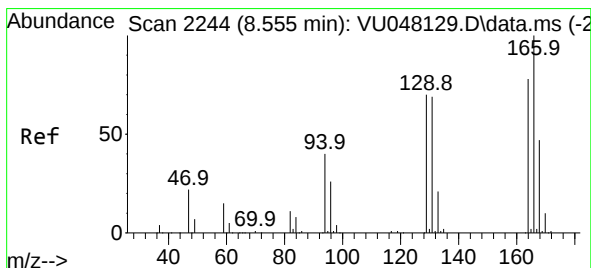
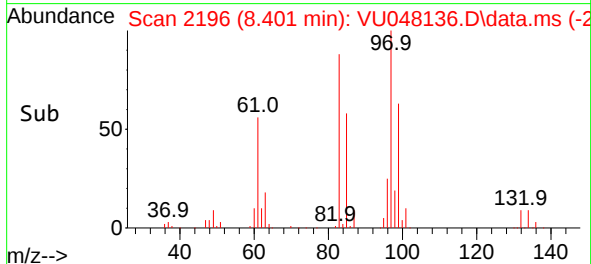
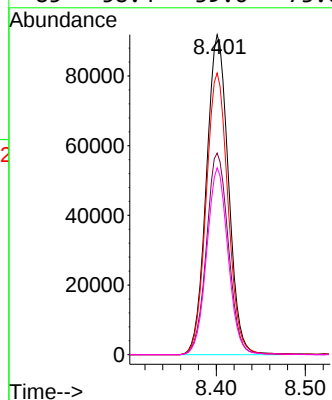
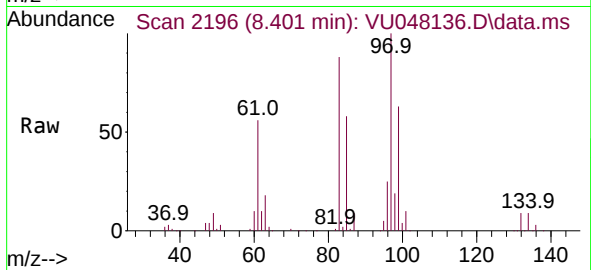




#45
1,1,2-Trichloroethane
Concen: 52.229 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

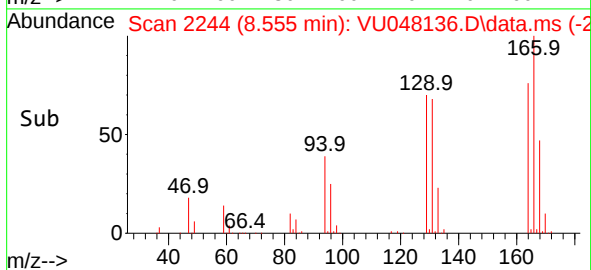
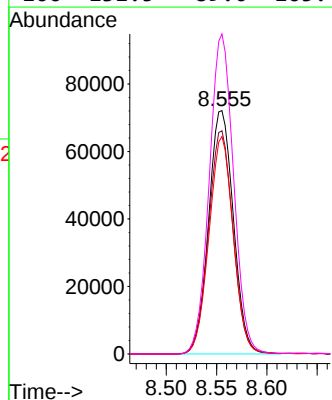
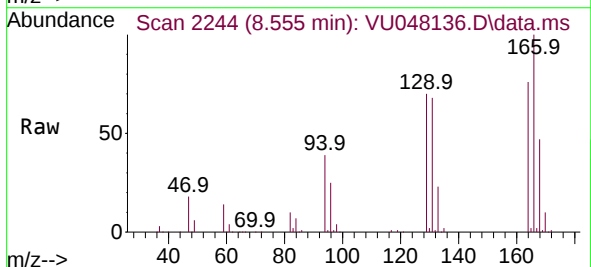
Instrument :
MSVOA_U
ClientSampleId :

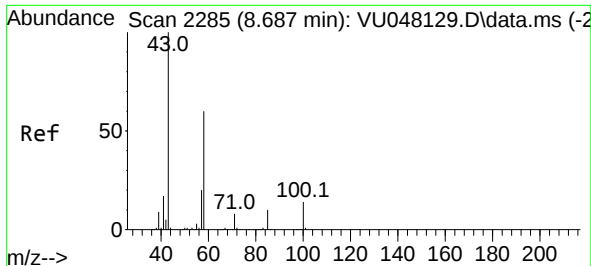
Tgt Ion:	97	Resp:	157596
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.3
83	88.0	61.0	113.4
85	58.4	39.6	73.6



#46
Tetrachloroethene
Concen: 46.979 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

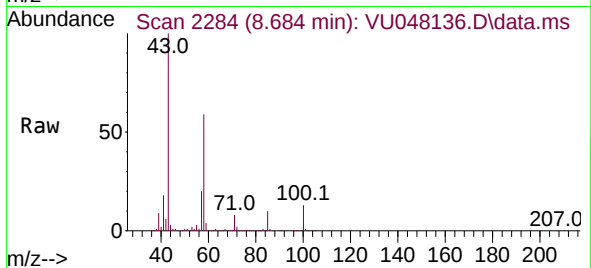
Tgt Ion:	164	Resp:	123871
Ion	Ratio	Lower	Upper
164	100		
129	91.7	62.4	116.0
131	89.3	60.7	112.7
166	131.5	89.0	165.4



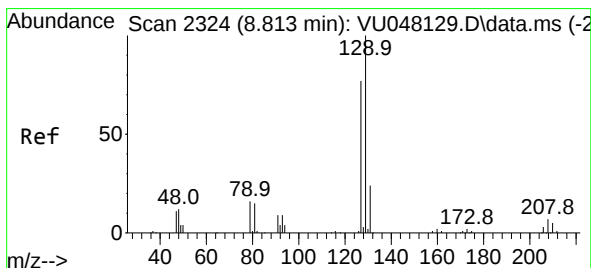
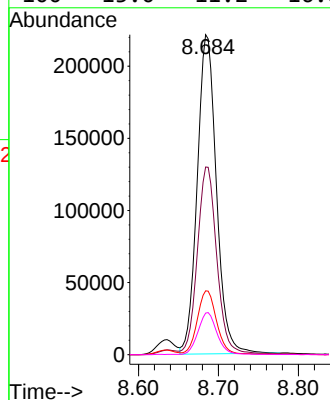
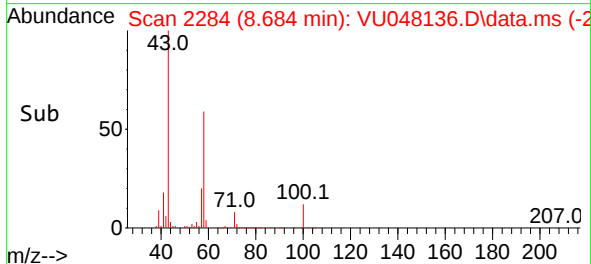


#48
2-Hexanone
Concen: 95.804 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :

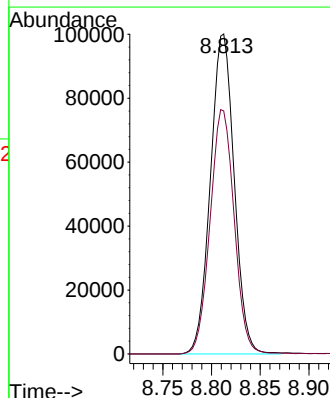
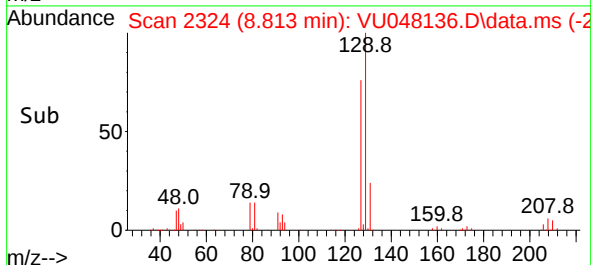
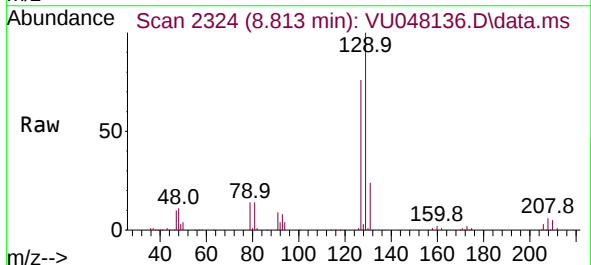


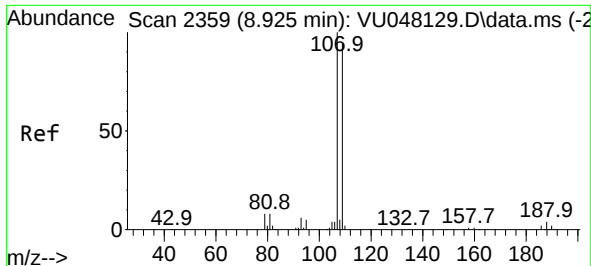
Tgt Ion: 43 Resp: 370561
Ion Ratio Lower Upper
43 100
58 59.2 48.1 72.1
57 20.1 16.2 24.4
100 13.0 11.2 16.8



#49
Dibromochloromethane
Concen: 48.661 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 129 Resp: 170061
Ion Ratio Lower Upper
129 100
127 76.0 54.2 100.6

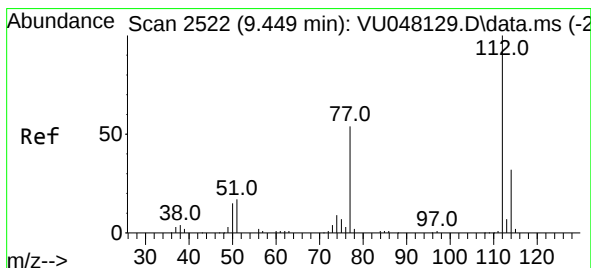
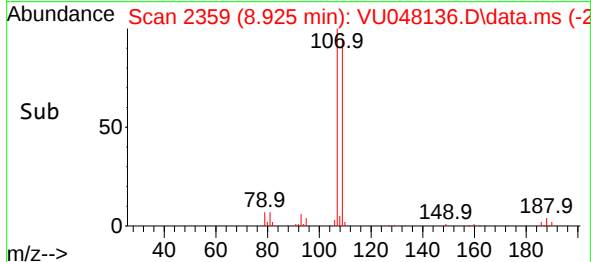
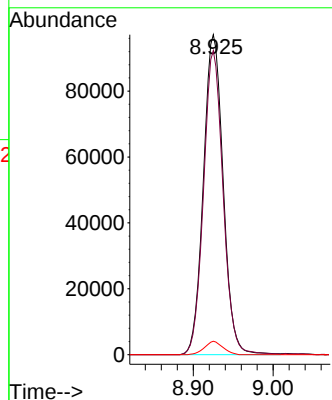
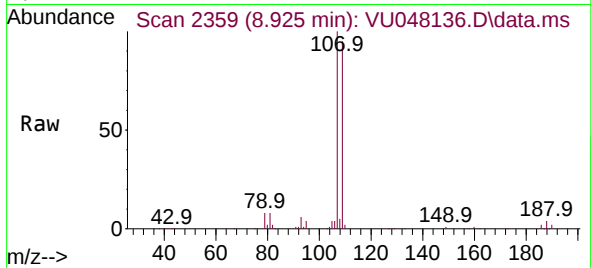




#50
1,2-Dibromoethane
Concen: 49.458 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

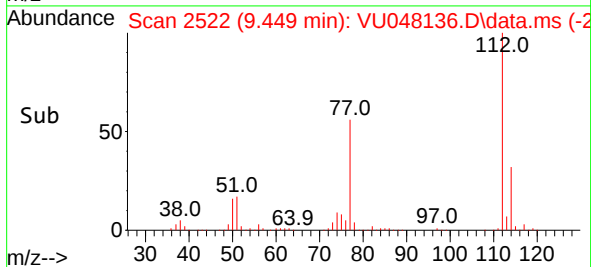
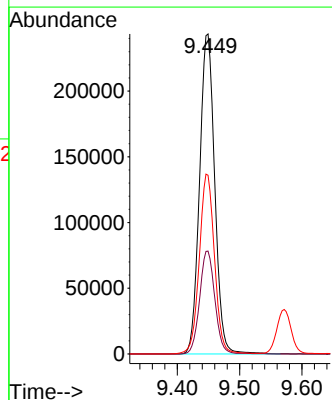
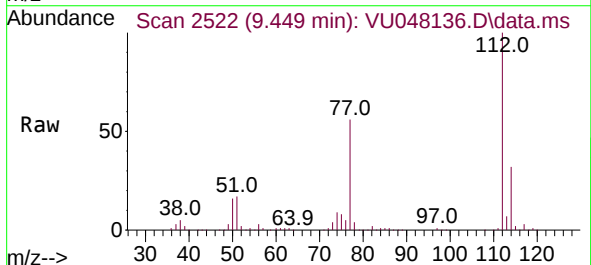
Instrument :
MSVOA_U
ClientSampleId :

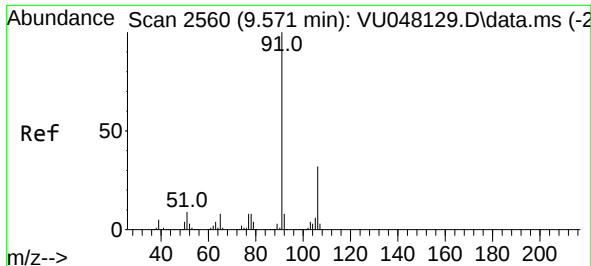
Tgt Ion:107 Resp: 167303
Ion Ratio Lower Upper
107 100
109 95.0 66.6 123.6
188 4.2 3.4 5.2



#51
Chlorobenzene
Concen: 49.357 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion:112 Resp: 411538
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.8 43.4 65.0

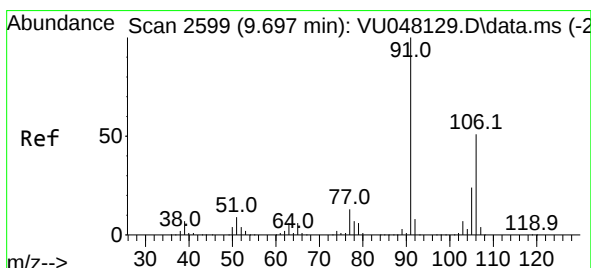
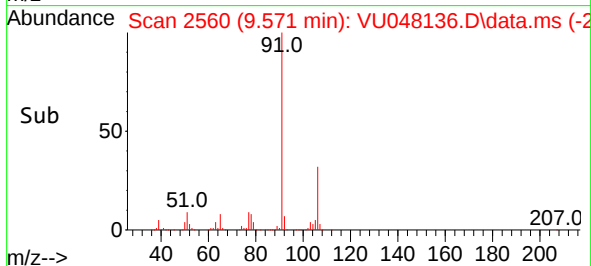
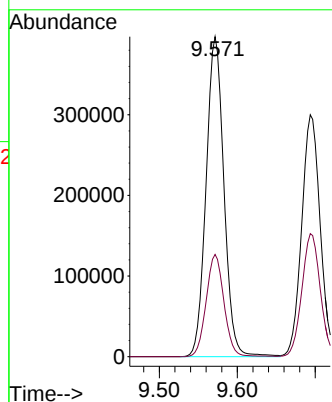
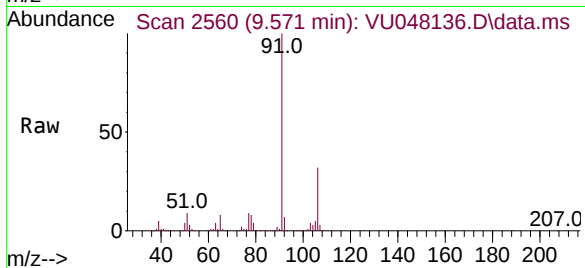




#52
Ethylbenzene
Concen: 48.835 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

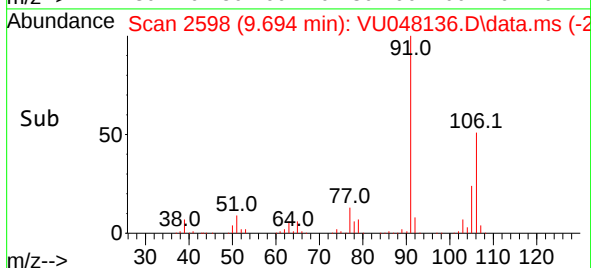
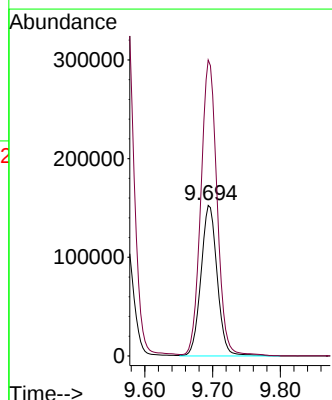
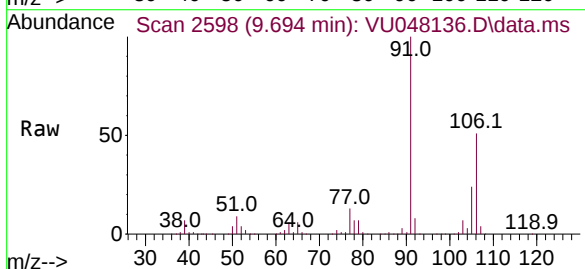
Instrument :
MSVOA_U
ClientSampleId :

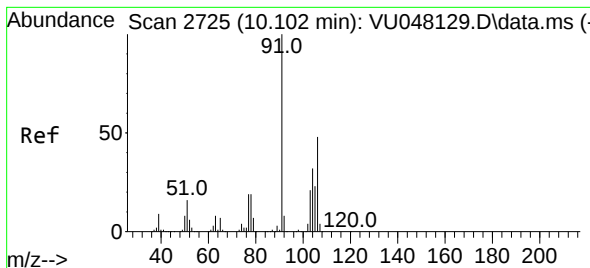
Tgt Ion: 91 Resp: 630545
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6



#53
m,p-Xylene
Concen: 50.203 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 106 Resp: 254345
Ion Ratio Lower Upper
106 100
91 196.5 137.7 255.7





#54

o-Xylene

Concen: 49.268 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

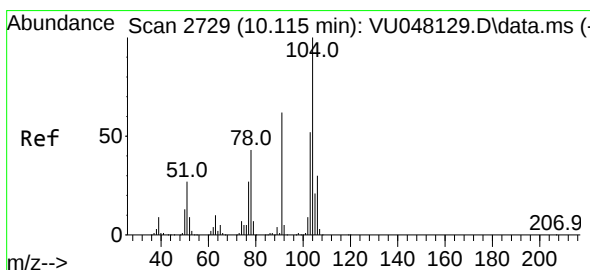
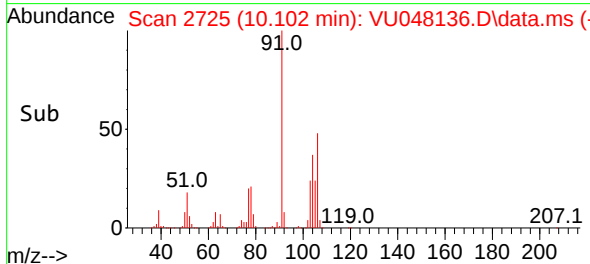
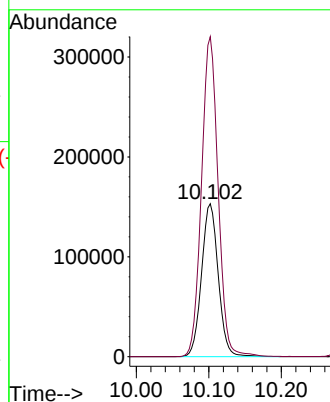
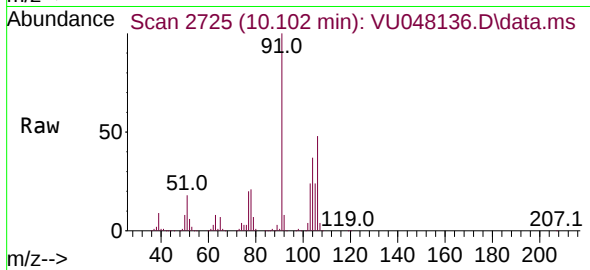
ClientSampleId :

Tgt Ion:106 Resp: 244986

Ion Ratio Lower Upper

106 100

91 209.2 146.7 272.5



#55

Styrene

Concen: 49.925 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048136.D

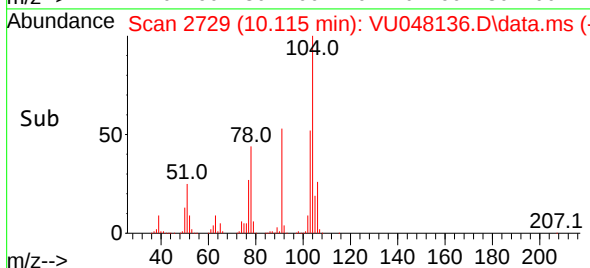
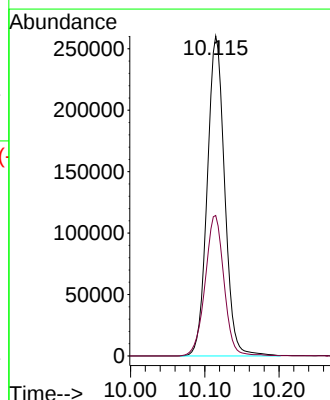
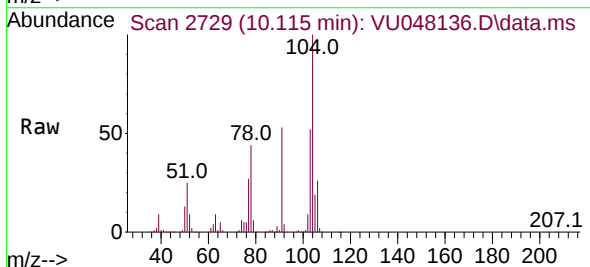
Acq: 19 Apr 2022 17:02

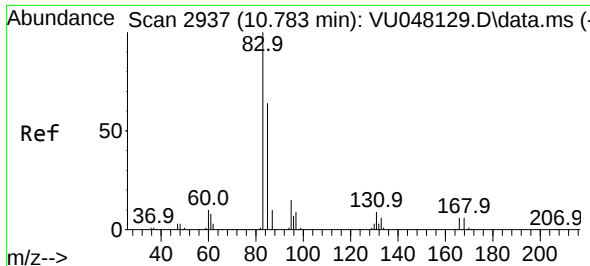
Tgt Ion:104 Resp: 423846

Ion Ratio Lower Upper

104 100

78 43.9 30.4 56.4





#57

1,1,2-Tetrachloroethane

Concen: 45.489 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

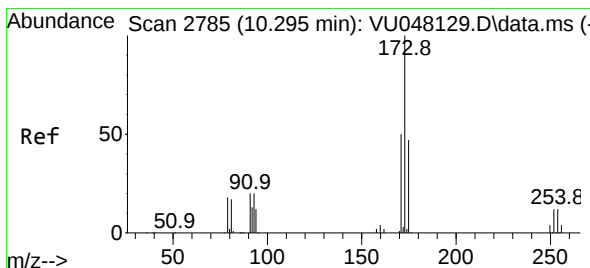
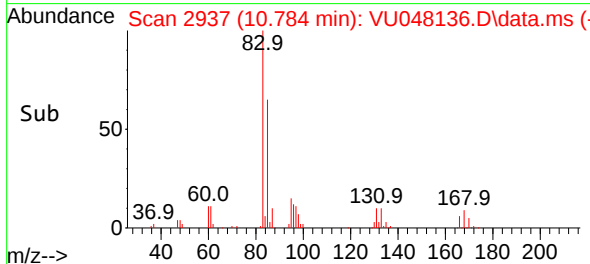
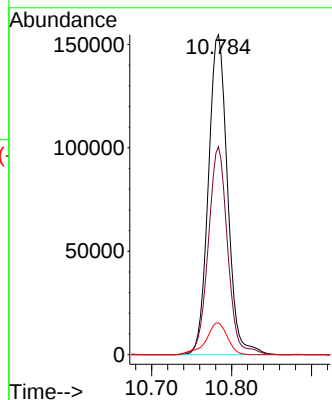
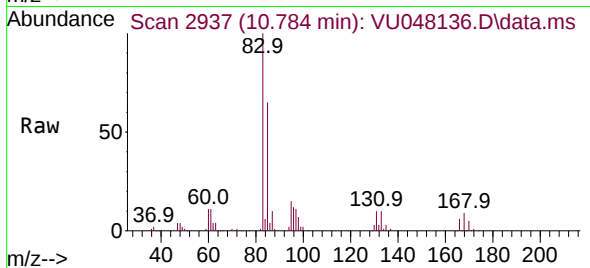
Tgt Ion: 83 Resp: 257321

Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.3

131 9.9 8.6 13.0



#59

Bromoform

Concen: 50.009 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

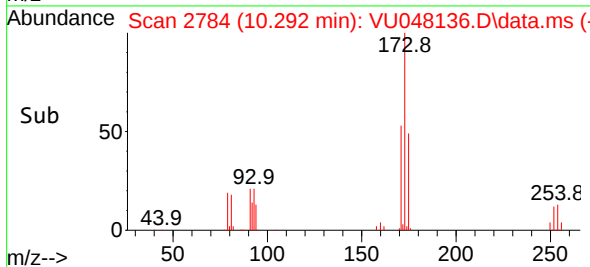
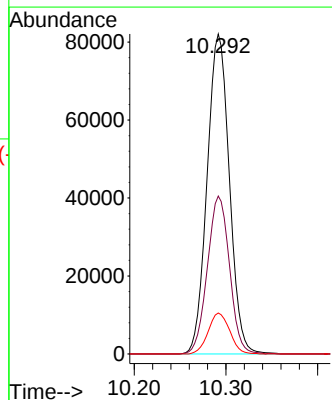
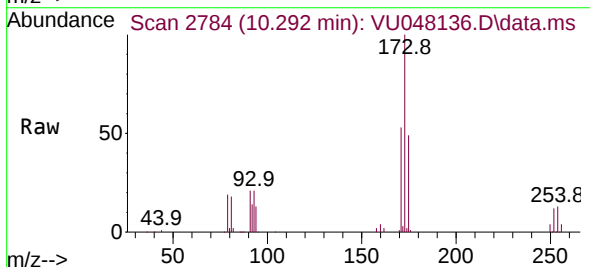
Tgt Ion:173 Resp: 138335

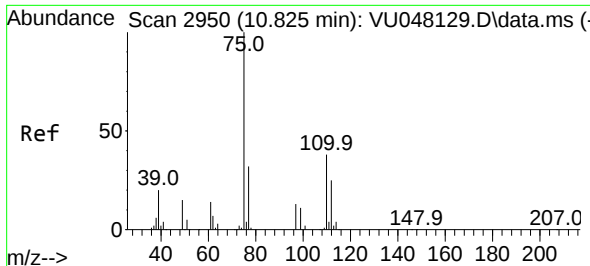
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 12.4 9.6 14.4

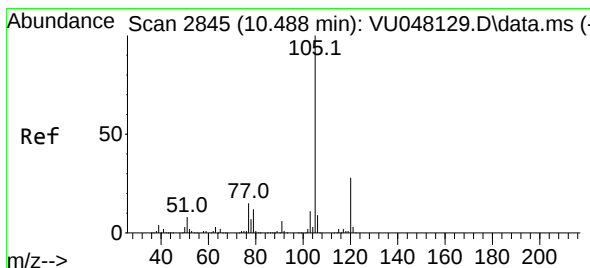
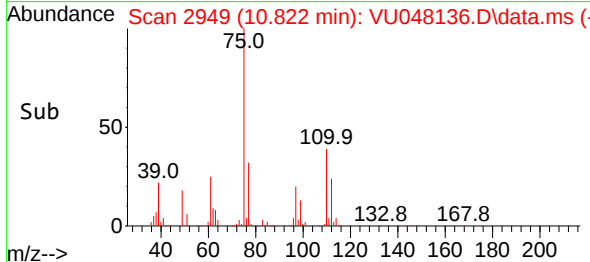
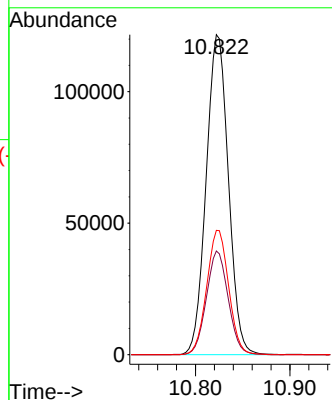
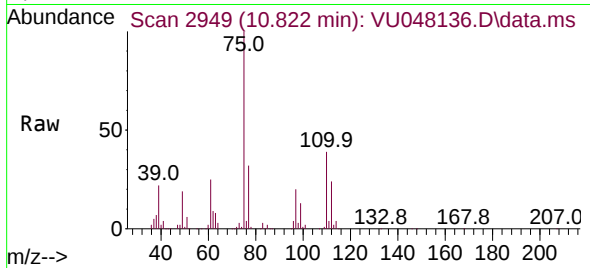




#60
1,2,3-Trichloropropane
Concen: 48.722 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

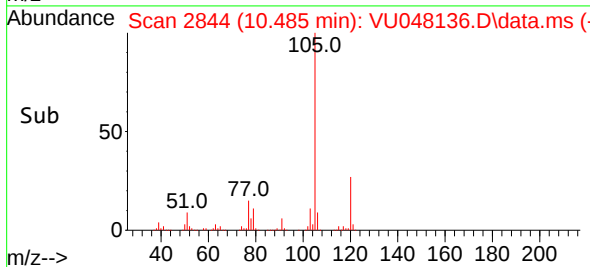
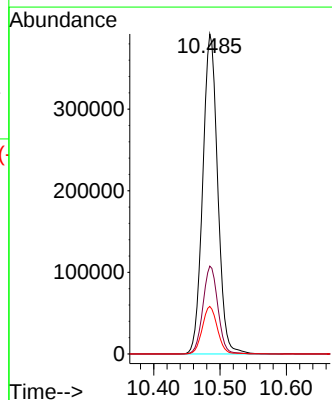
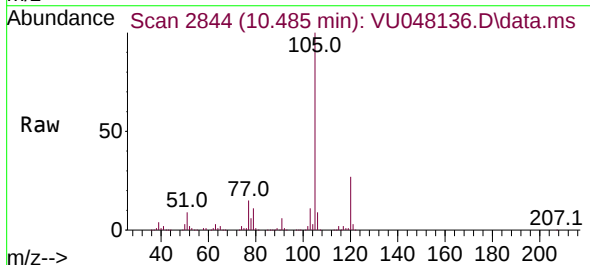
Instrument :
MSVOA_U
ClientSampleId :

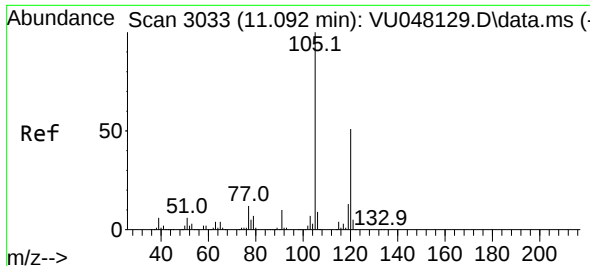
Tgt Ion: 75 Resp: 198693
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 38.3 31.4 47.2



#61
Isopropylbenzene
Concen: 52.349 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 105 Resp: 612027
Ion Ratio Lower Upper
105 100
120 27.5 21.9 32.9
77 15.1 12.1 18.1

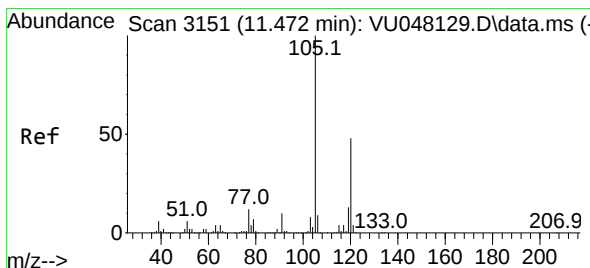
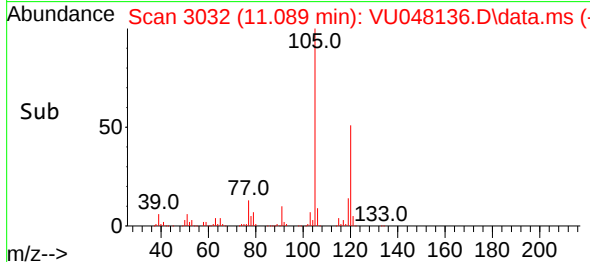
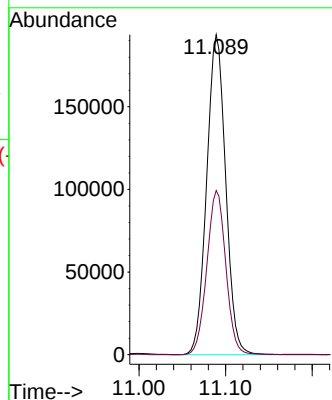
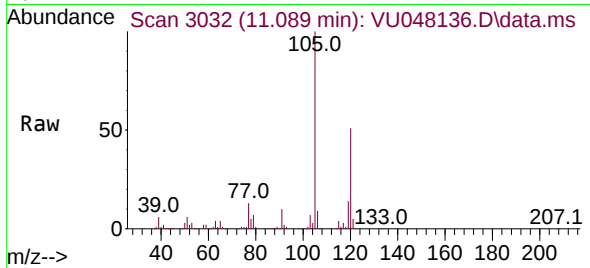




#62
1,3,5-Trimethylbenzene
Concen: 46.526 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

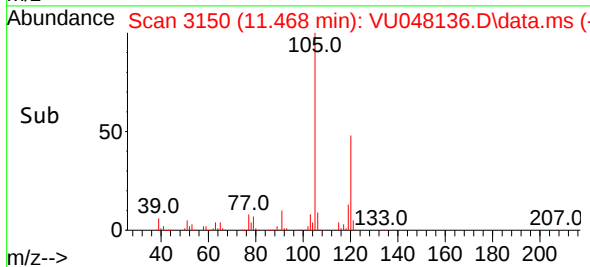
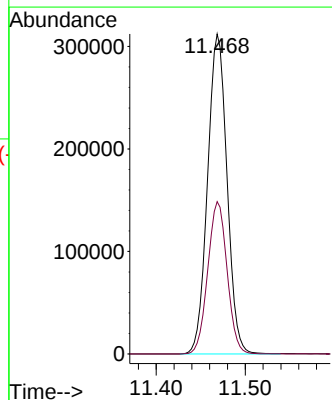
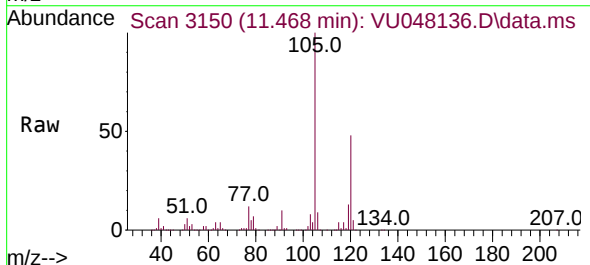
Instrument :
MSVOA_U
ClientSampleId :

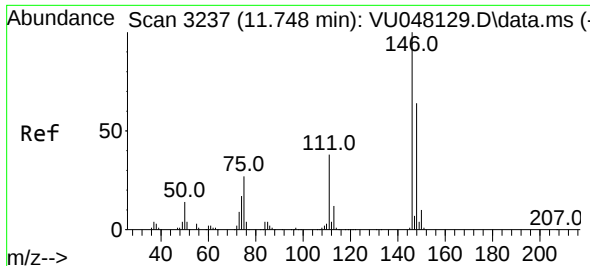
Tgt Ion:105 Resp: 295133
Ion Ratio Lower Upper
105 100
120 51.1 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 49.025 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion:105 Resp: 472375
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4

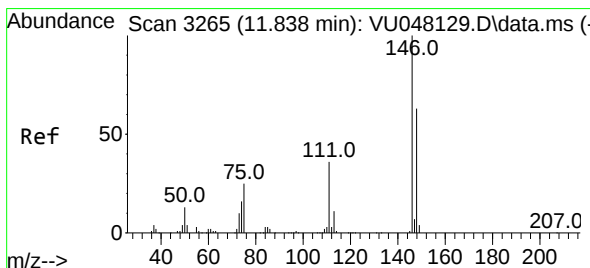
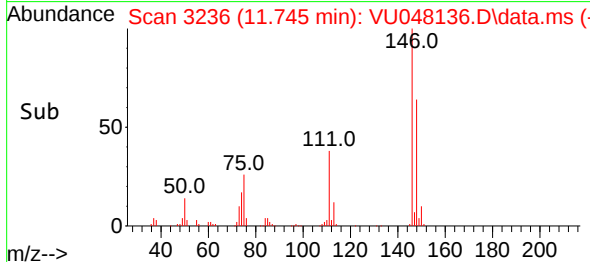
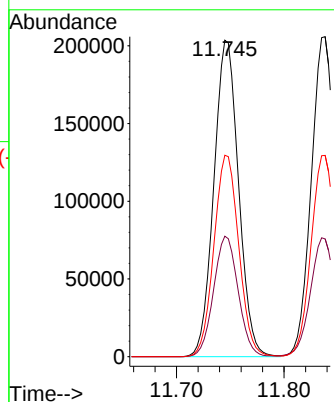
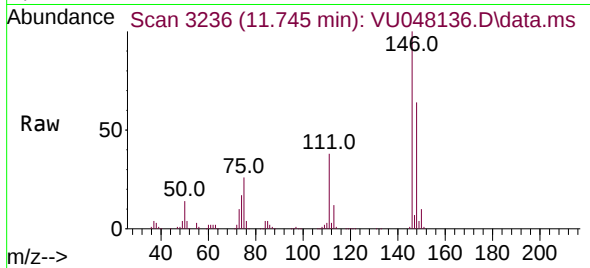




#64
1,3-Dichlorobenzene
Concen: 50.038 ug/L
RT: 11.745 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

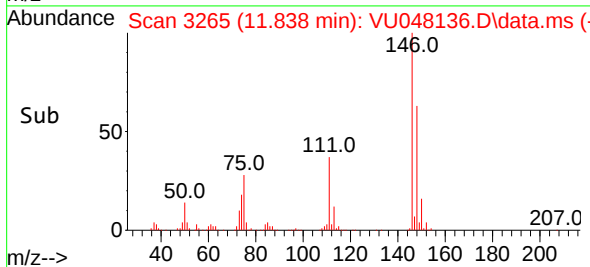
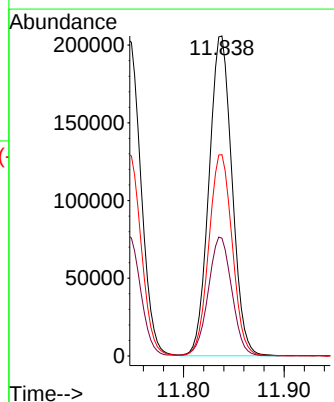
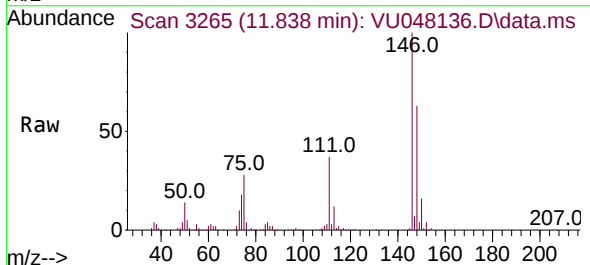
Instrument :
MSVOA_U
ClientSampleId :

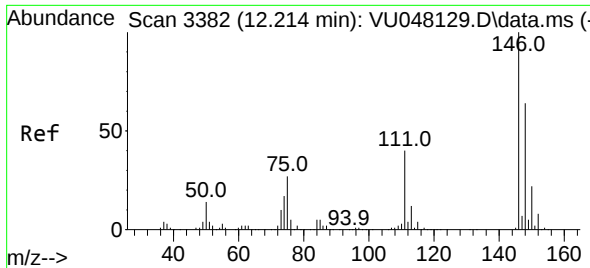
Tgt Ion:146 Resp: 325161
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 63.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.744 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

Tgt Ion:146 Resp: 328086
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 62.9 44.5 82.7

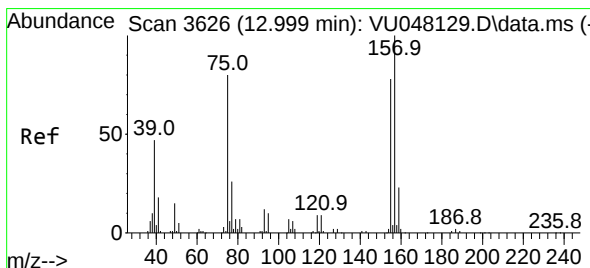
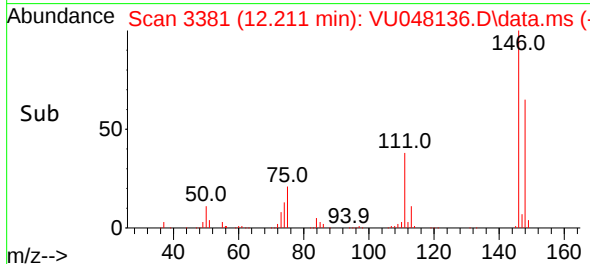
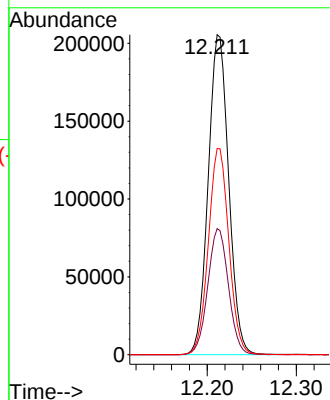
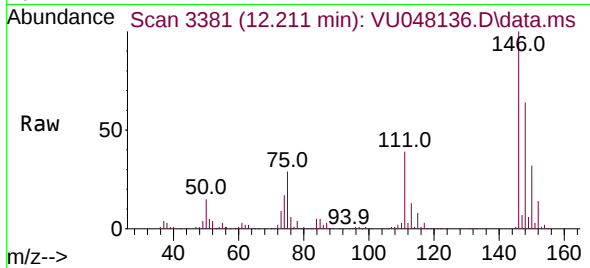




#67
1,2-Dichlorobenzene
Concen: 50.468 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

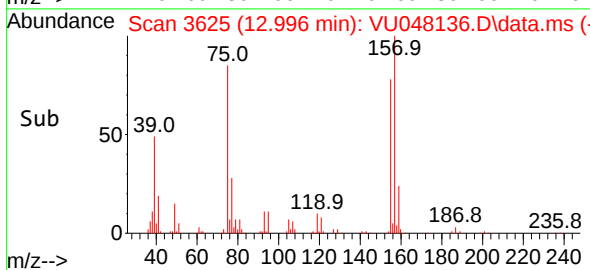
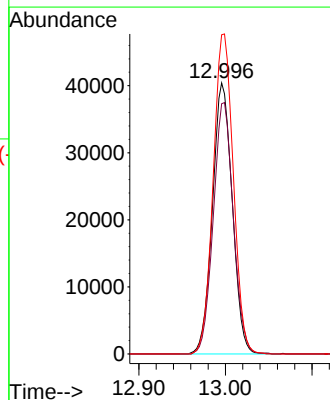
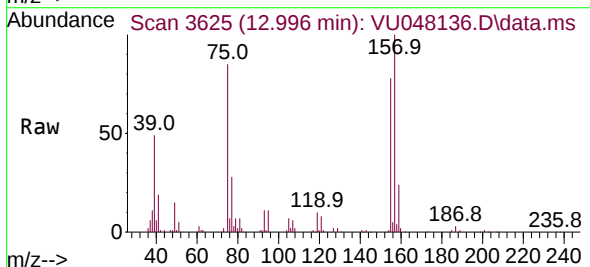
Instrument :
MSVOA_U
ClientSampleId :

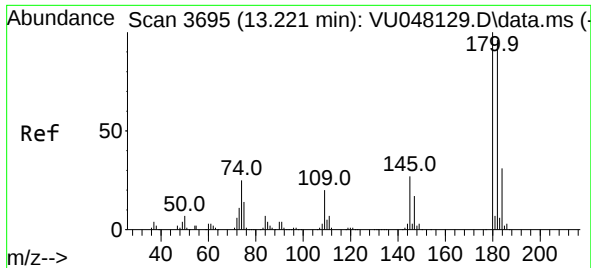
Tgt Ion:146 Resp: 328144
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 64.5 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 49.228 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU048136.D
Acq: 19 Apr 2022 17:02

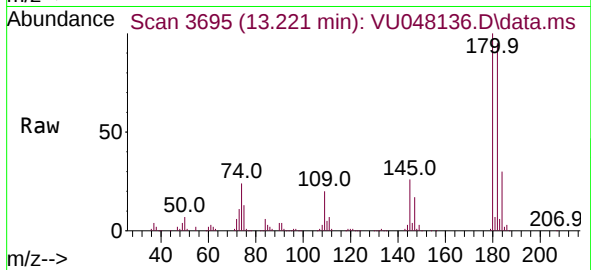
Tgt Ion: 75 Resp: 64307
Ion Ratio Lower Upper
75 100
155 92.3 78.9 118.3
157 117.8 97.5 146.3



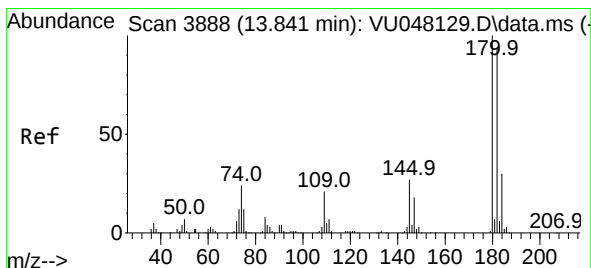
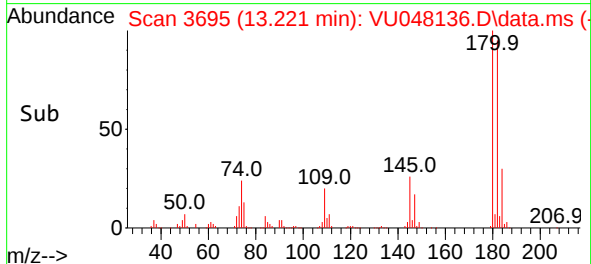
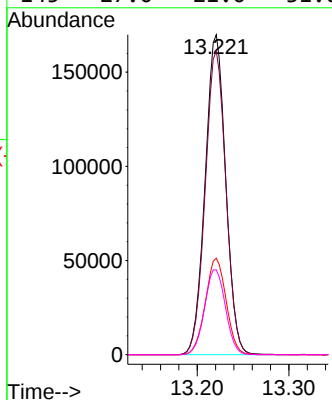


#69
 1,3,5-Trichlorobenzene
 Concen: 50.222 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

Instrument :
 MSVOA_U
 ClientSampleId :

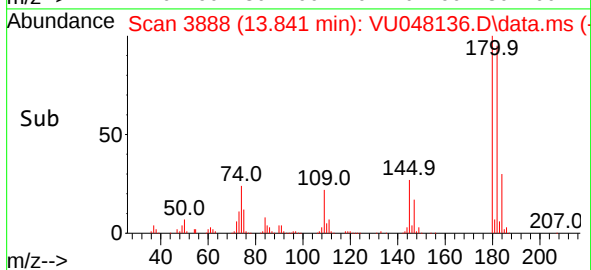
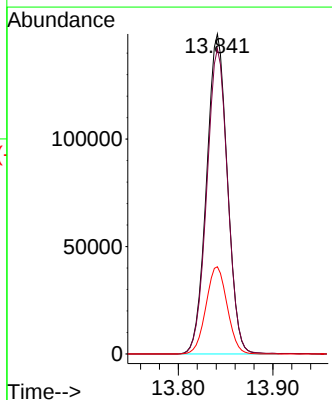
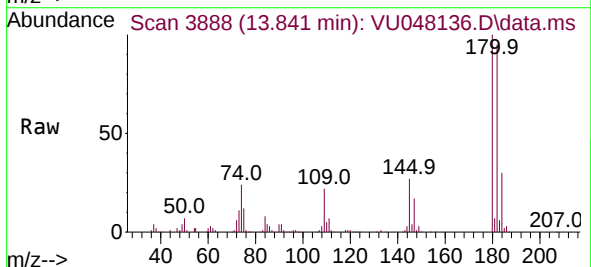


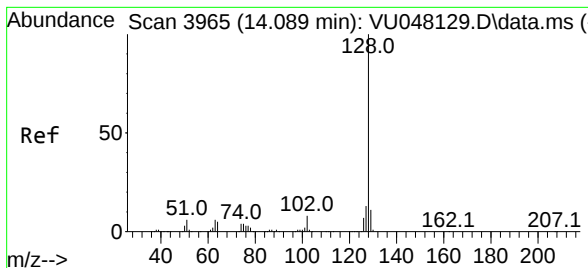
Tgt Ion:180 Resp: 265049
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 30.5 24.5 36.7
 145 27.0 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 49.260 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048136.D
 Acq: 19 Apr 2022 17:02

Tgt Ion:180 Resp: 227707
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.2 114.2
 145 27.7 21.8 32.8





#71

Naphthalene

Concen: 48.836 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

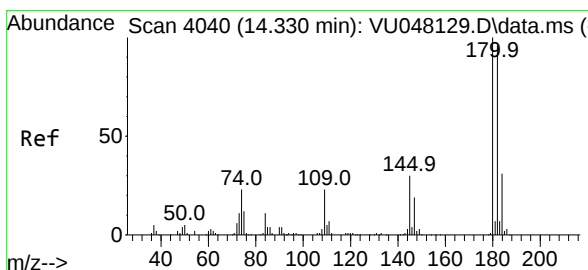
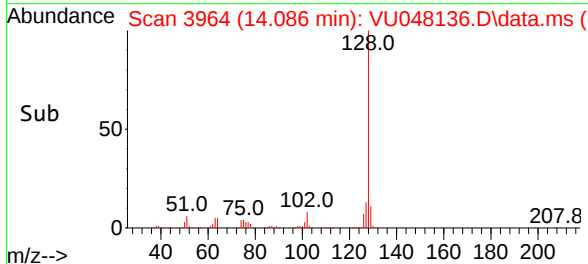
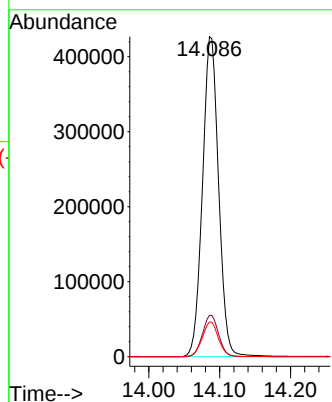
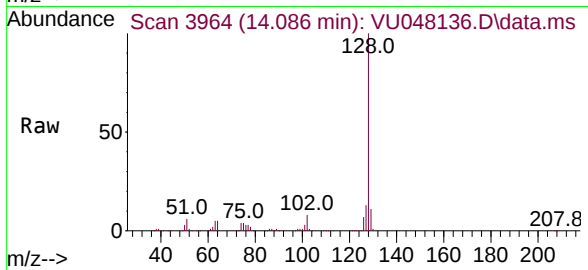
Tgt Ion:128 Resp: 673053

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.616 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048136.D

Acq: 19 Apr 2022 17:02

Tgt Ion:180 Resp: 239190

Ion Ratio Lower Upper

180 100

182 96.4 77.4 116.0

145 29.2 22.8 34.2

