

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047919.D
 Acq On : 11 Apr 2022 20:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	338742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	206723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131433	55.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.020%	
7) Chloroethane-d5	1.916	69	112208	59.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 119.120%	
11) 1,1-Dichloroethene-d2	2.571	63	224663	51.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.780%	
21) 2-Butanone-d5	4.620	46	212486	103.612	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.610%	
24) Chloroform-d	5.067	84	250378	57.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.540%	
26) 1,2-Dichloroethane-d4	5.703	65	155386	57.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.900%	
32) Benzene-d6	5.729	84	492927	57.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.660%	
36) 1,2-Dichloropropane-d6	6.690	67	154707	59.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 118.200%	
41) Toluene-d8	7.899	98	466524	56.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.360%	
43) trans-1,3-Dichloroprop...	8.179	79	69003	52.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.060%	
47) 2-Hexanone-d5	8.632	63	160060	104.450	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.450%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	247312	55.051	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.100%	
66) 1,2-Dichlorobenzene-d4	12.195	152	197330	53.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	150240	49.184	ug/L	100
3) Chloromethane	1.523	50	154070	52.741	ug/L	98
5) Vinyl chloride	1.607	62	158451	53.183	ug/L	99
6) Bromomethane	1.858	94	87556	54.600	ug/L	100
8) Chloroethane	1.935	64	97467	52.113	ug/L	98
9) Trichlorofluoromethane	2.141	101	210295	50.055	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	124744	51.367	ug/L	99
12) 1,1-Dichloroethene	2.581	96	114037	50.456	ug/L	97
13) Acetone	2.626	43	133911	70.168	ug/L	97
14) Carbon disulfide	2.797	76	316714	44.332	ug/L	100
15) Methyl Acetate	2.948	43	152025	49.956	ug/L	97
16) Methylene chloride	3.051	84	139390	53.746	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	122166	50.114	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	366974	53.359	ug/L	99
19) 1,1-Dichloroethane	3.874	63	228401	54.326	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	141427	52.919	ug/L	95
22) 2-Butanone	4.700	43	215587	87.694	ug/L	97
23) Bromochloromethane	4.977	128	79550	54.214	ug/L	99
25) Chloroform	5.089	83	247343	54.644	ug/L	99

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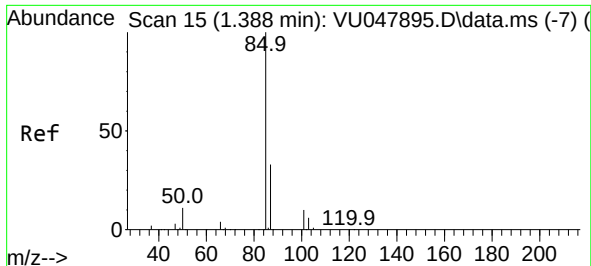
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186422	53.308	ug/L	99
29) Cyclohexane	5.391	56	177824	51.734	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	203642	53.018	ug/L	99
31) Carbon tetrachloride	5.526	117	172270	49.668	ug/L	100
33) Benzene	5.777	78	540827	55.158	ug/L	100
34) Trichloroethene	6.542	95	132507	51.548	ug/L	99
35) Methylcyclohexane	6.764	83	191110	48.869	ug/L	98
37) 1,2-Dichloropropane	6.793	63	141415	56.735	ug/L	99
38) Bromodichloromethane	7.105	83	182223	53.237	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	197776	51.137	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	397720	100.957	ug/L	99
42) Toluene	7.970	91	584277	54.309	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	192091	49.744	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144794	54.773	ug/L	99
46) Tetrachloroethene	8.555	164	118508	51.302	ug/L	100
48) 2-Hexanone	8.684	43	325886	96.169	ug/L	98
49) Dibromochloromethane	8.809	129	154011	50.300	ug/L	100
50) 1,2-Dibromoethane	8.925	107	155729	52.547	ug/L	99
51) Chlorobenzene	9.446	112	378494	51.814	ug/L	99
52) Ethylbenzene	9.571	91	593356	52.453	ug/L	99
53) m,p-Xylene	9.693	106	233716	52.655	ug/L	100
54) o-Xylene	10.102	106	229254	52.625	ug/L	99
55) Styrene	10.115	104	395749	53.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	254503	51.353	ug/L	99
59) Bromoform	10.291	173	125927	47.638	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	197004	50.552	ug/L	99
61) Isopropylbenzene	10.484	105	586869	52.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	300163	49.517	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	473355	51.408	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	310943	50.073	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	309185	48.069	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	316239	50.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	56506	45.266	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	240796	47.746	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	209971	47.532	ug/L	99
71) Naphthalene	14.086	128	644996	48.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	227162	51.297	ug/L	99

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

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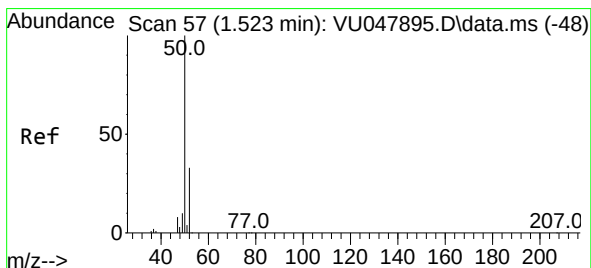
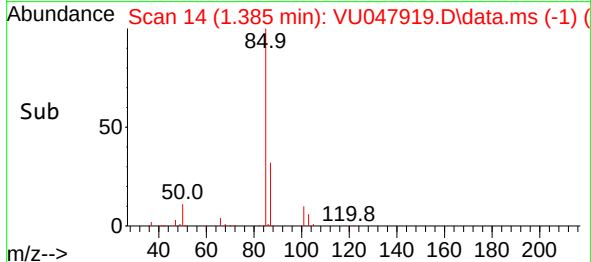
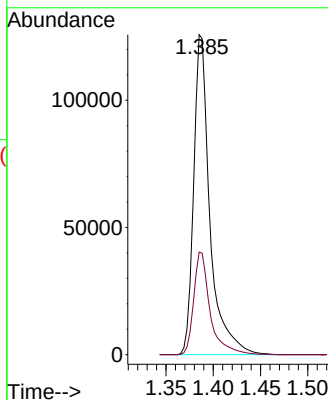
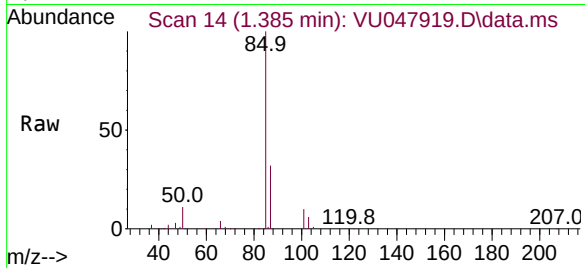




#2
Dichlorodifluoromethane
Concen: 49.184 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

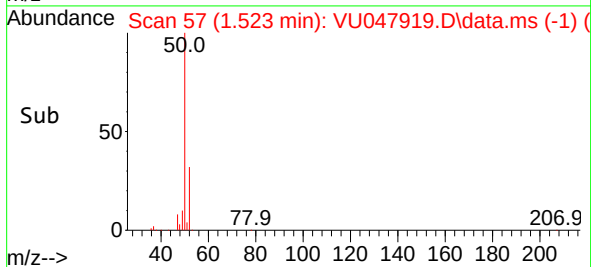
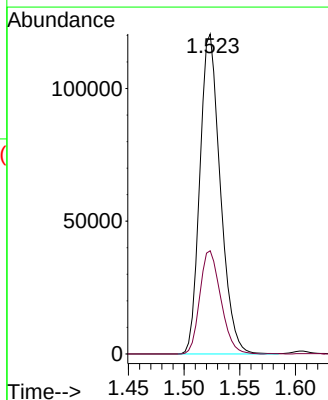
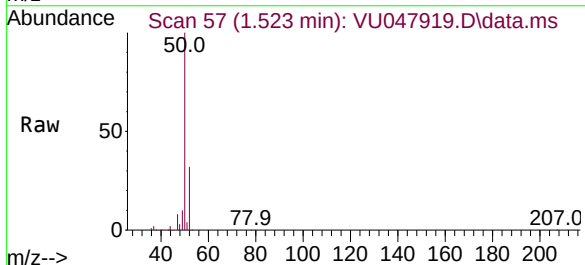
Instrument :
MSVOA_U
ClientSampleId :

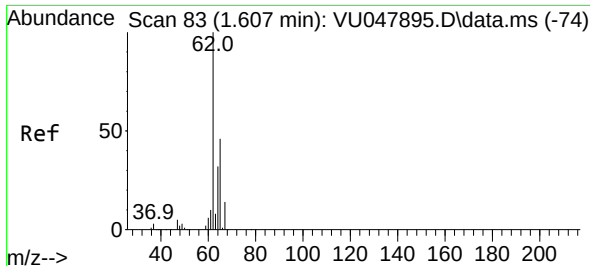
Tgt Ion: 85 Resp: 150240
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 52.741 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 50 Resp: 154070
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

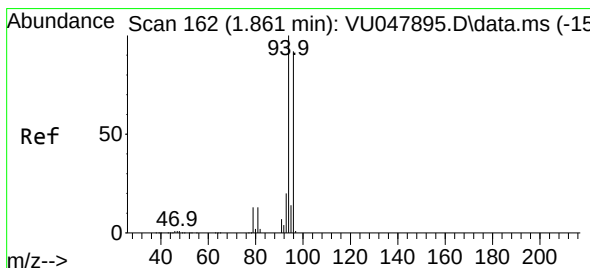
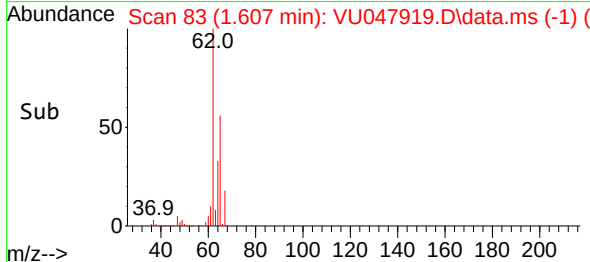
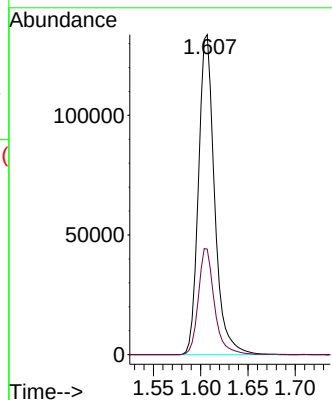
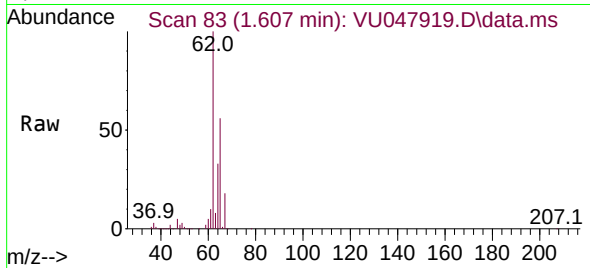




#5
 Vinyl chloride
 Concen: 53.183 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

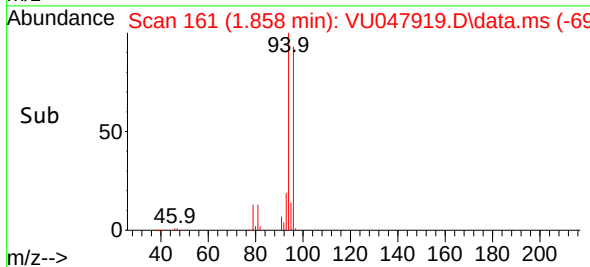
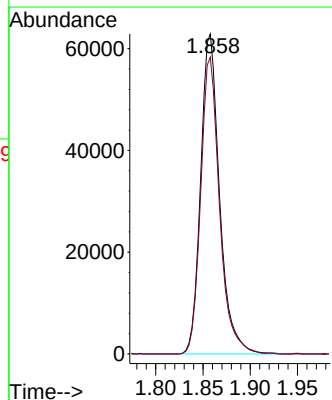
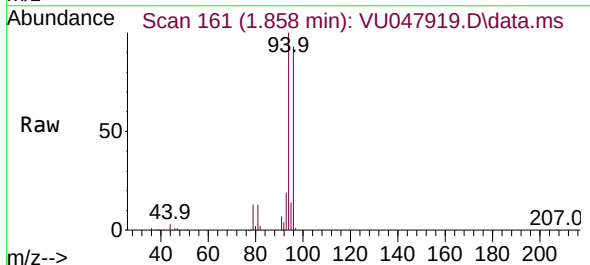
Instrument :
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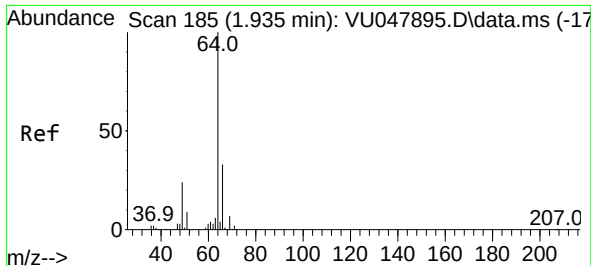
Tgt Ion: 62 Resp: 158451
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 43.9



#6
 Bromomethane
 Concen: 54.600 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

Tgt Ion: 94 Resp: 87556
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.8 120.3

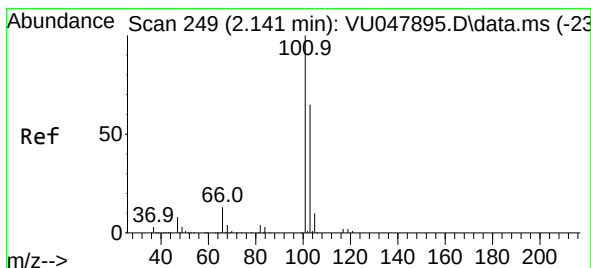
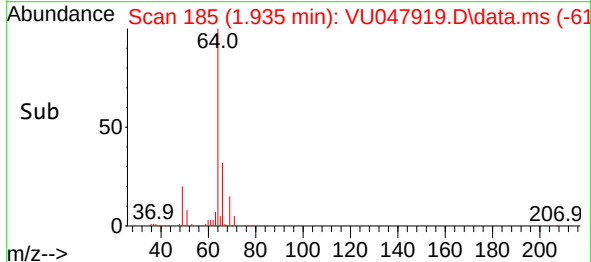
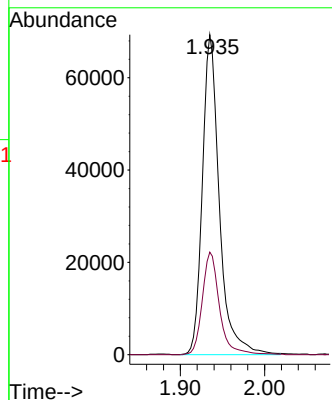
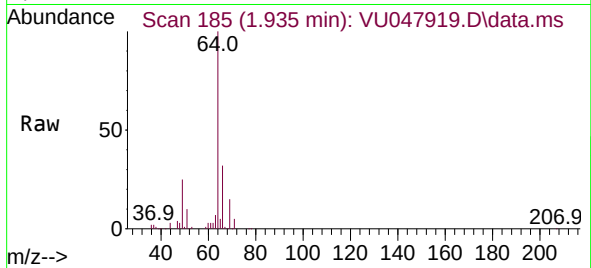




#8
Chloroethane
Concen: 52.113 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

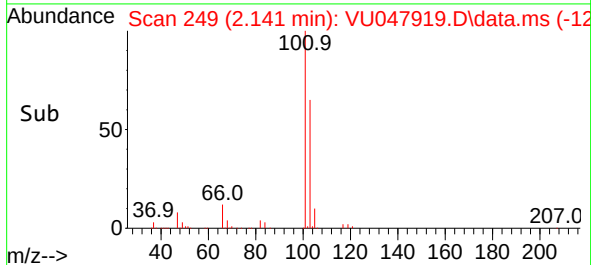
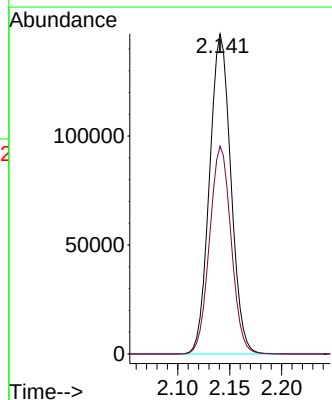
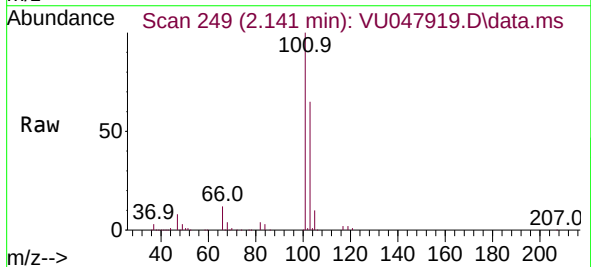
Instrument :
MSVOA_U
ClientSampleId :

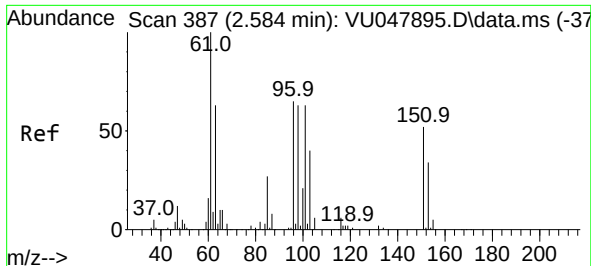
Tgt Ion: 64 Resp: 97467
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 50.055 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion:101 Resp: 210295
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

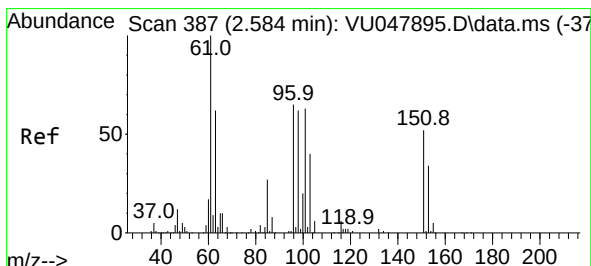
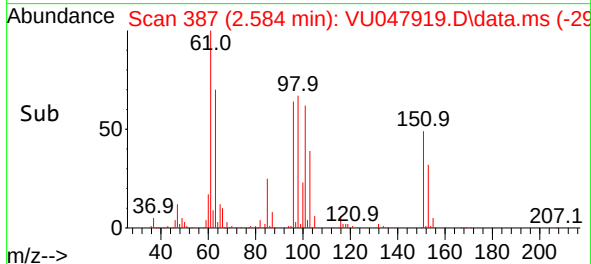
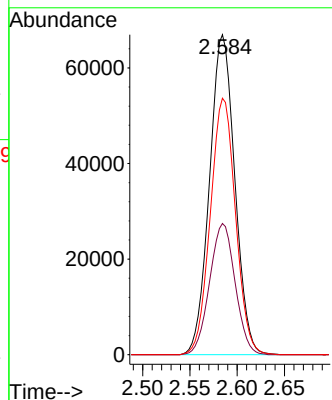
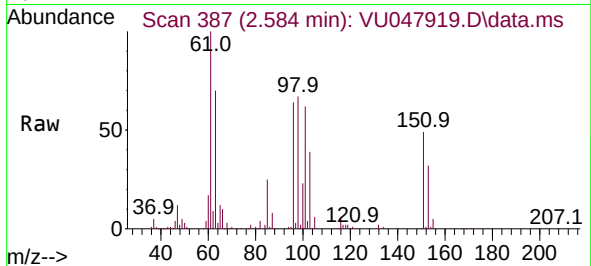




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.367 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

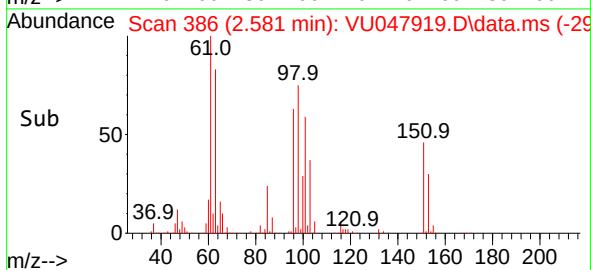
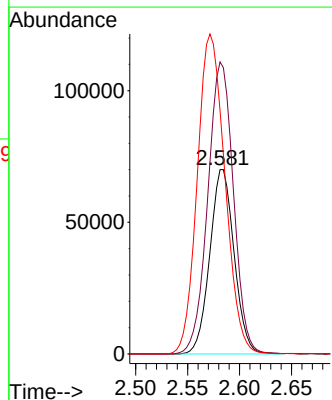
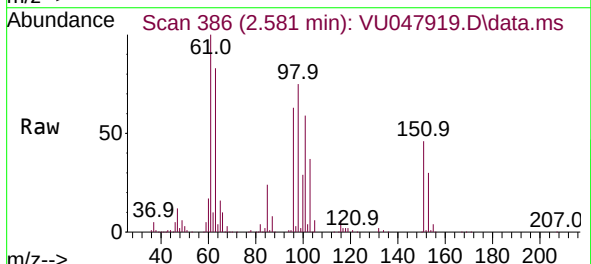
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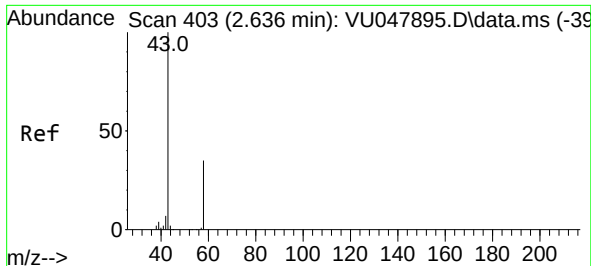
Tgt Ion:101 Resp: 124744
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.8 49.2
 151 79.8 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 50.456 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

Tgt Ion: 96 Resp: 114037
 Ion Ratio Lower Upper
 96 100
 61 158.4 113.1 210.1
 63 132.1 94.8 176.0





#13

Acetone

Concen: 70.168 ug/L

RT: 2.626 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

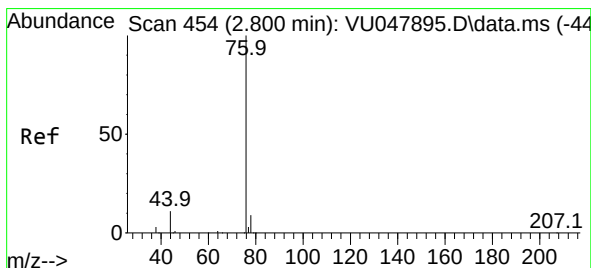
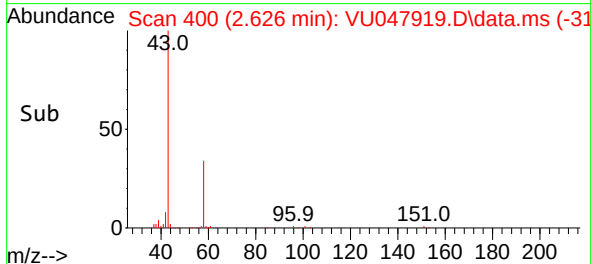
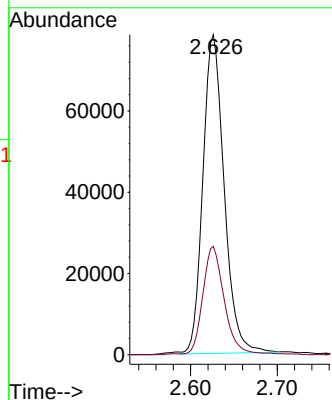
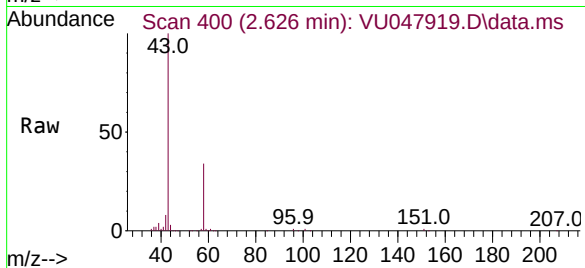
ClientSampleId :

Tgt Ion: 43 Resp: 133911

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.0



#14

Carbon disulfide

Concen: 44.332 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU047919.D

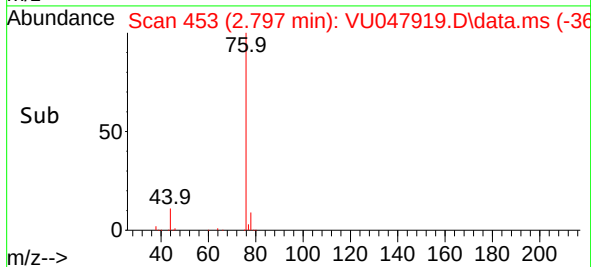
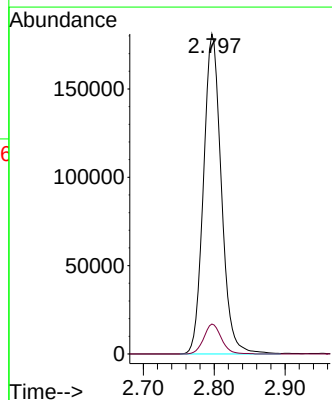
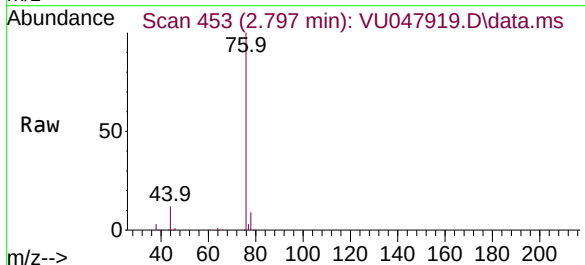
Acq: 11 Apr 2022 20:18

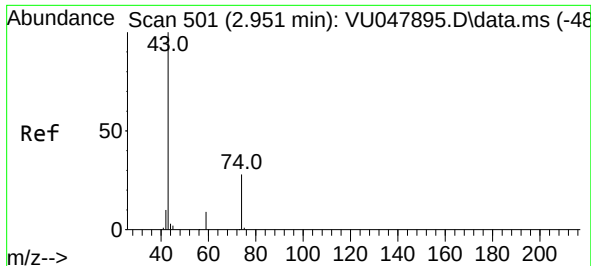
Tgt Ion: 76 Resp: 316714

Ion Ratio Lower Upper

76 100

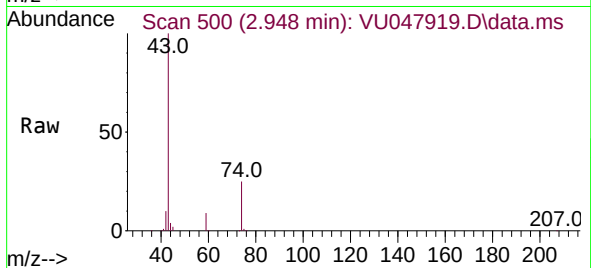
78 9.4 7.4 11.0



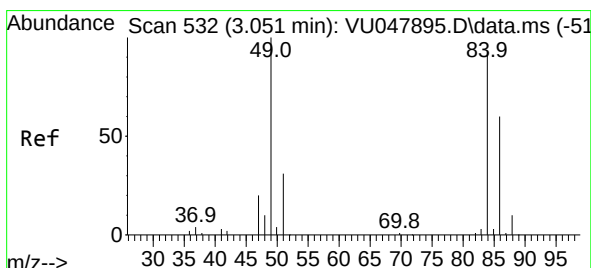
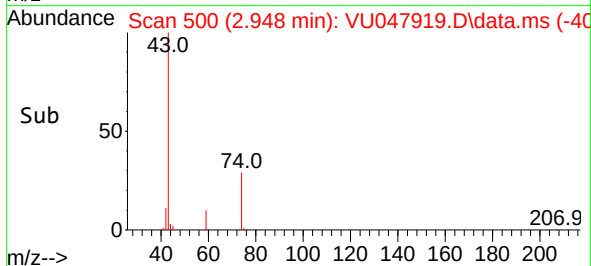
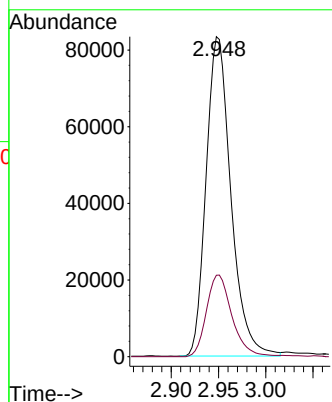


#15
Methyl Acetate
Concen: 49.956 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :

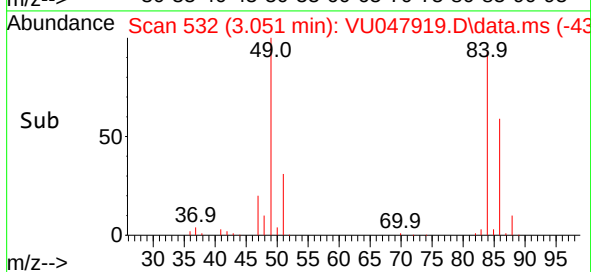
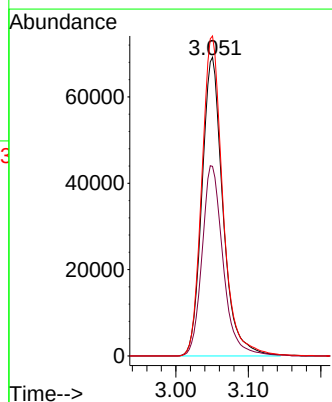
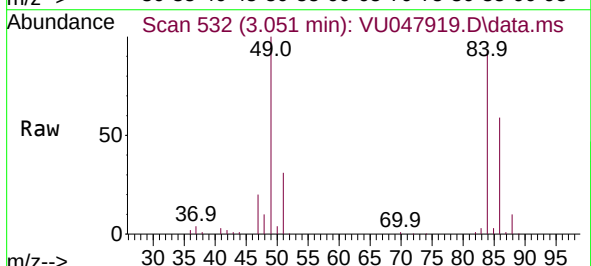


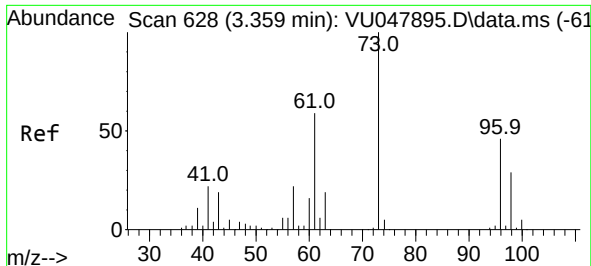
Tgt Ion: 43 Resp: 152025
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.2



#16
Methylene chloride
Concen: 53.746 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 84 Resp: 139390
Ion Ratio Lower Upper
84 100
86 63.5 46.0 85.4
49 107.1 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 50.114 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

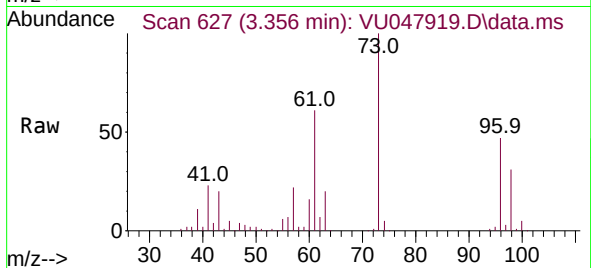
Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :



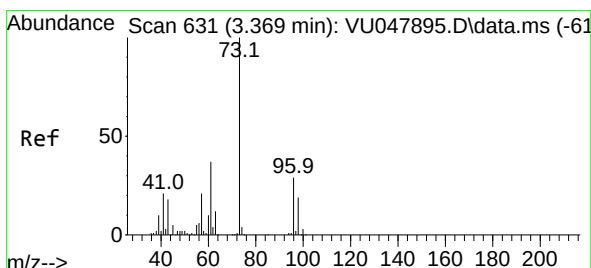
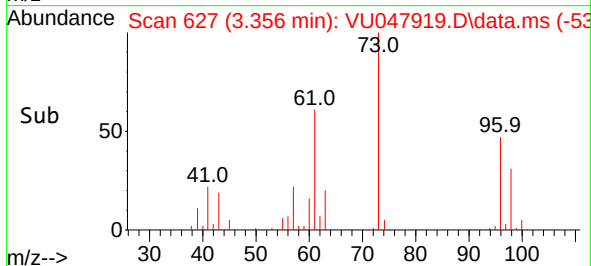
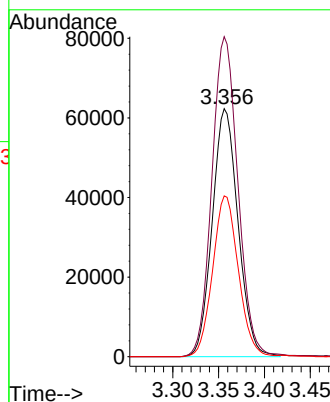
Tgt Ion: 96 Resp: 122166

Ion Ratio Lower Upper

96 100

61 129.0 88.4 164.2

98 64.8 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 53.359 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

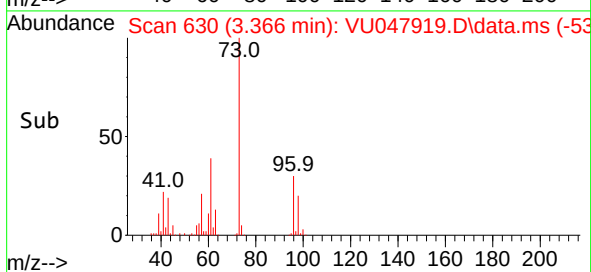
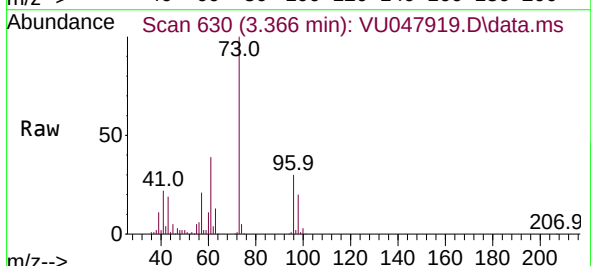
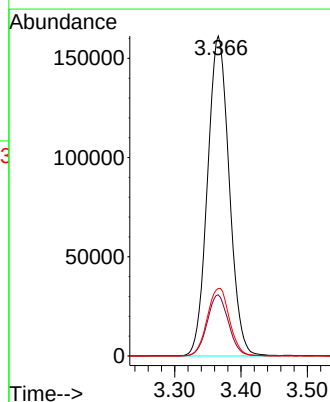
Tgt Ion: 73 Resp: 366974

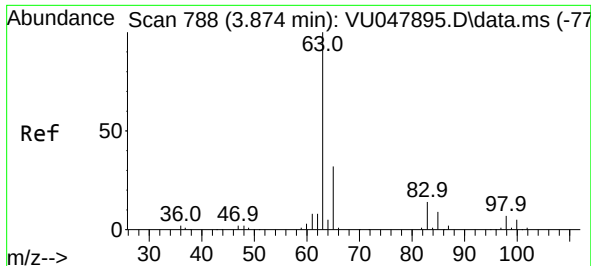
Ion Ratio Lower Upper

73 100

43 18.7 15.3 22.9

57 21.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 54.326 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

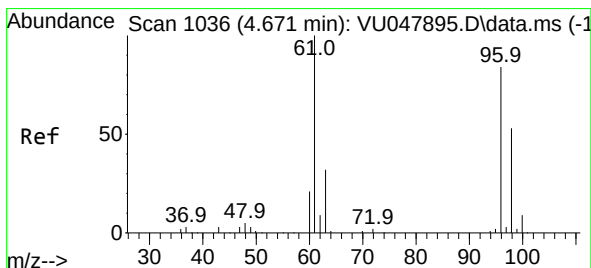
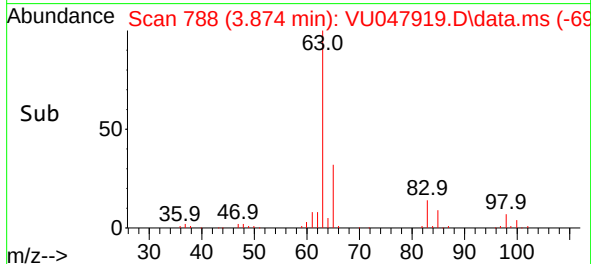
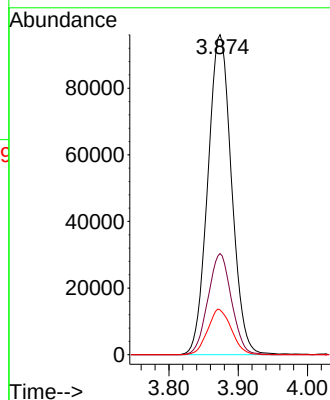
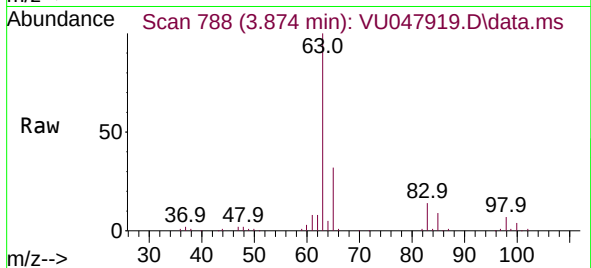
Tgt Ion: 63 Resp: 228401

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.919 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

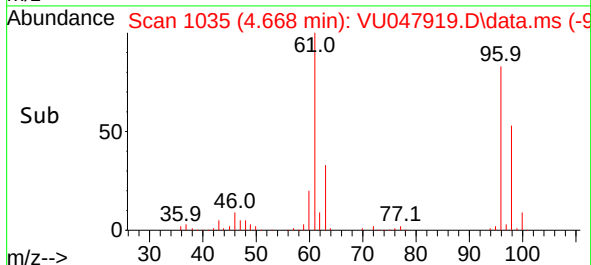
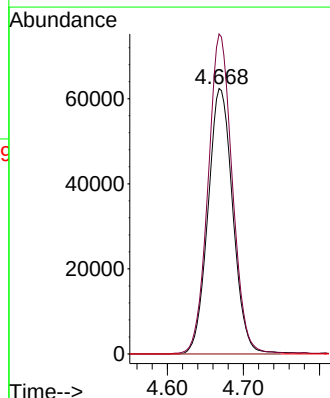
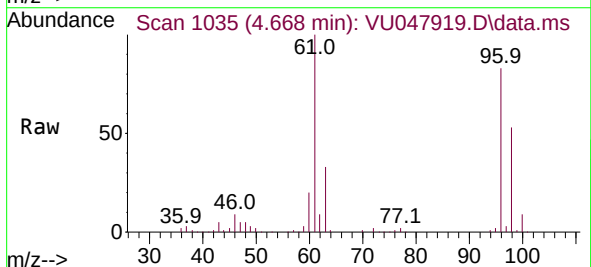
Tgt Ion: 96 Resp: 141427

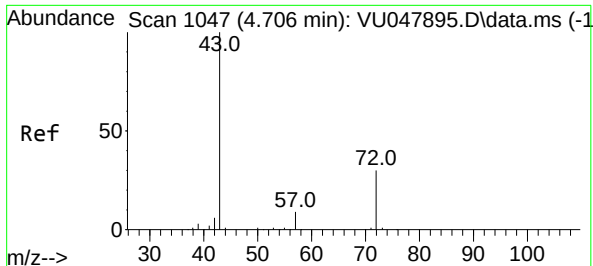
Ion Ratio Lower Upper

96 100

61 120.5 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.694 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.006 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

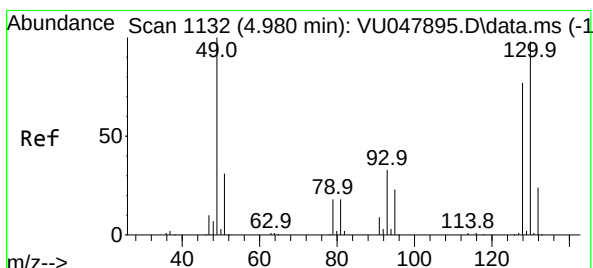
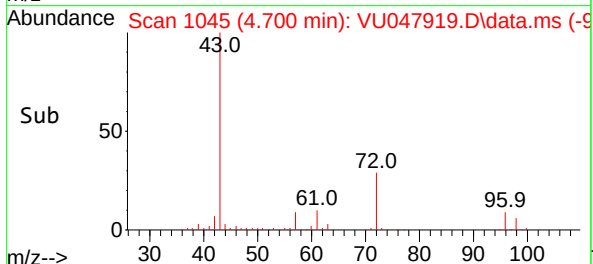
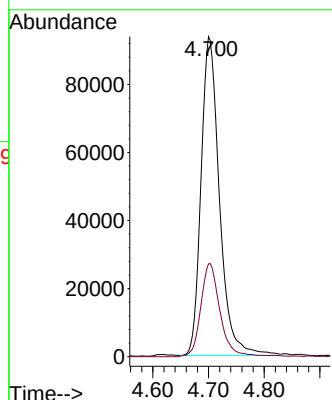
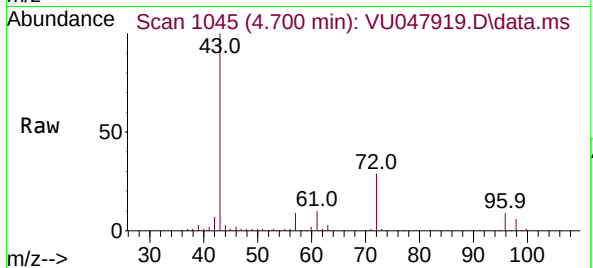
ClientSampleId :

Tgt Ion: 43 Resp: 215587

Ion Ratio Lower Upper

43 100

72 30.2 16.0 47.9



#23

Bromochloromethane

Concen: 54.214 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Tgt Ion:128 Resp: 79550

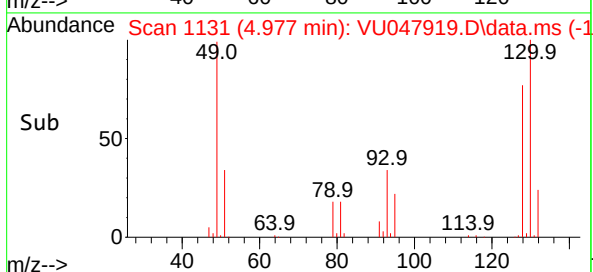
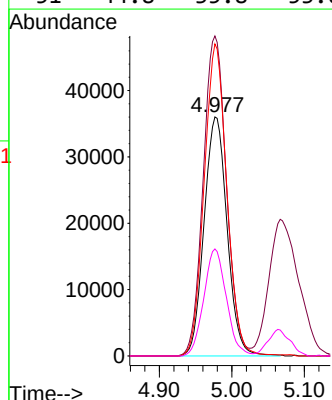
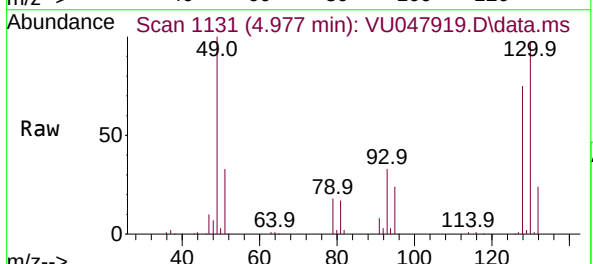
Ion Ratio Lower Upper

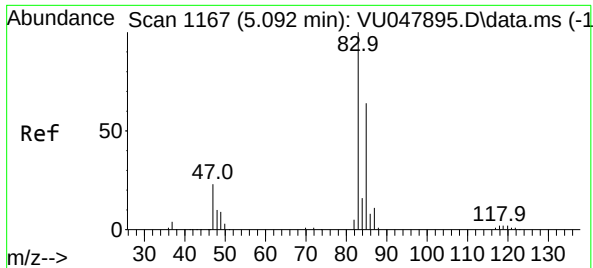
128 100

49 133.9 94.1 174.8

130 130.5 90.2 167.4

51 44.8 35.8 53.6

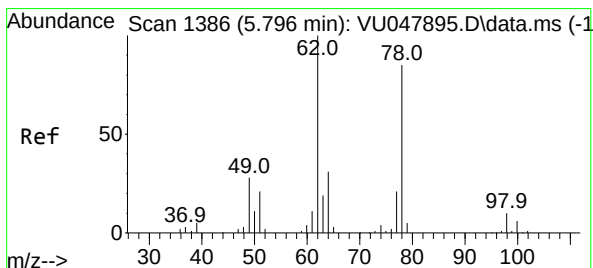
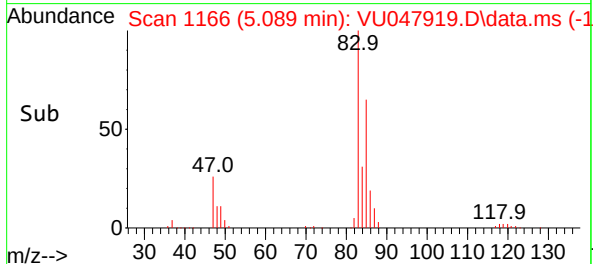
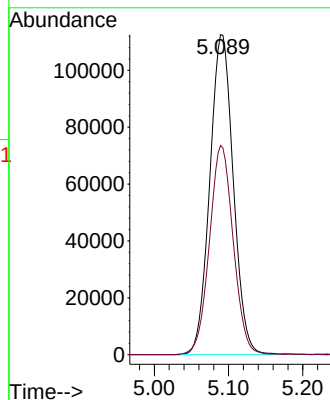
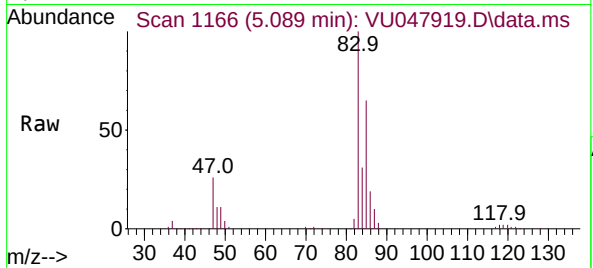




#25
Chloroform
Concen: 54.644 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

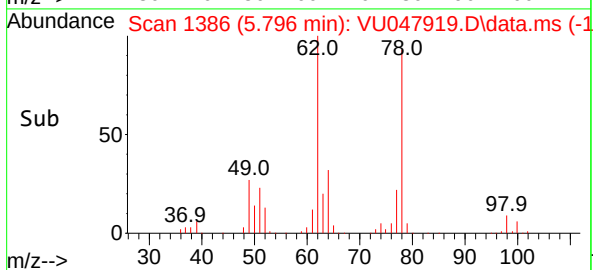
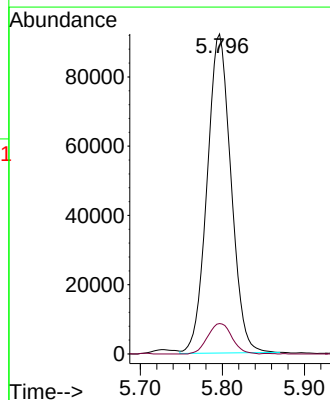
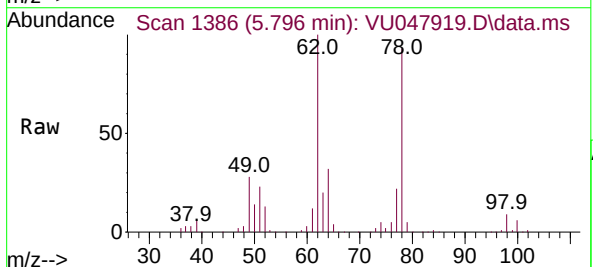
Instrument :
MSVOA_U
ClientSampleId :

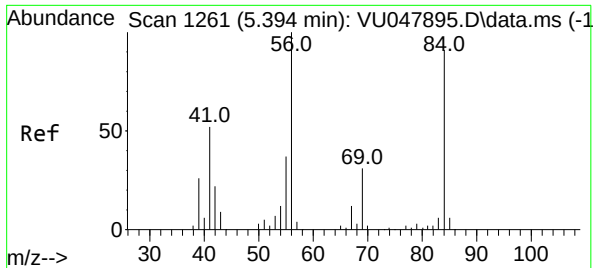
Tgt Ion: 83 Resp: 247343
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8



#27
1,2-Dichloroethane
Concen: 53.308 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 62 Resp: 186422
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 51.734 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

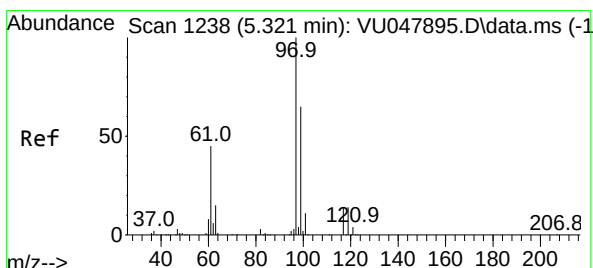
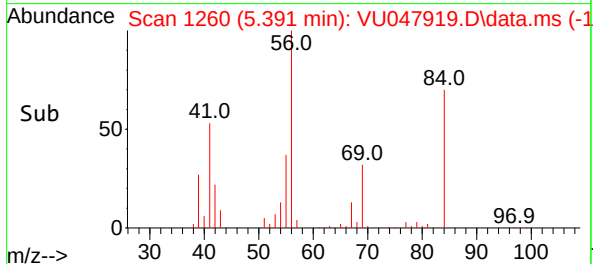
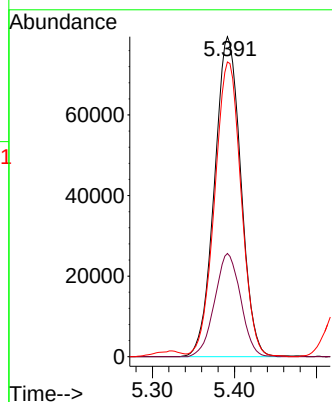
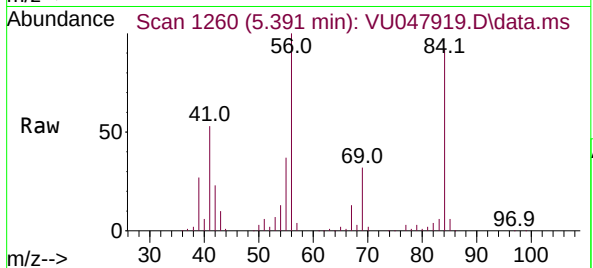
Tgt Ion: 56 Resp: 177824

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 92.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 53.018 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

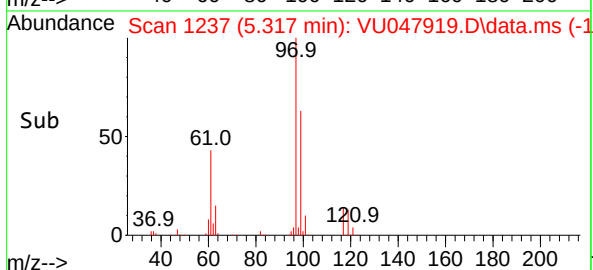
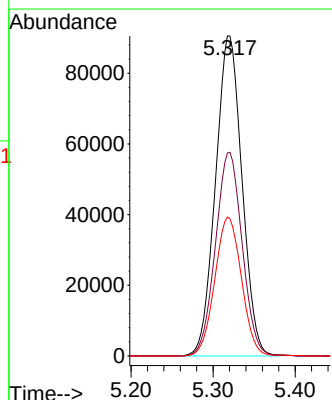
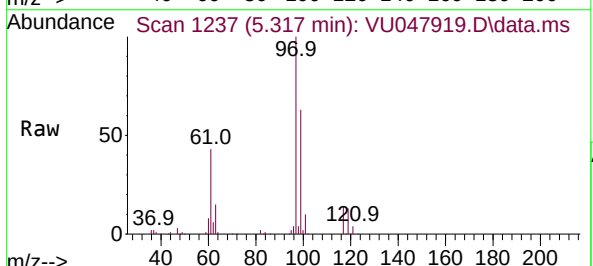
Tgt Ion: 97 Resp: 203642

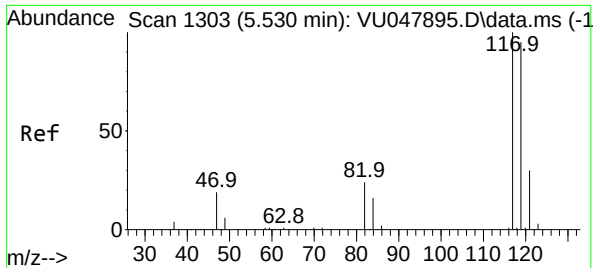
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.6 34.2 51.4

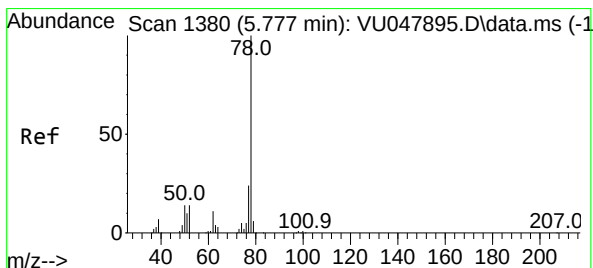
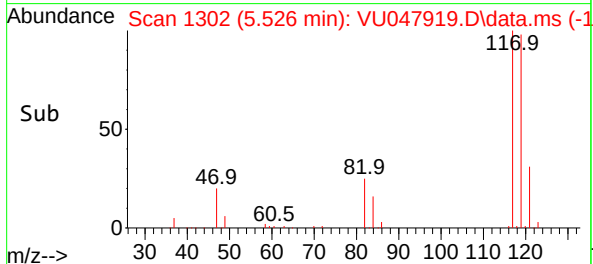
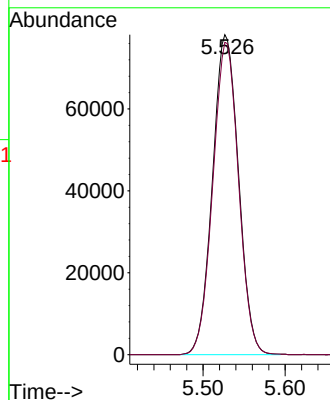
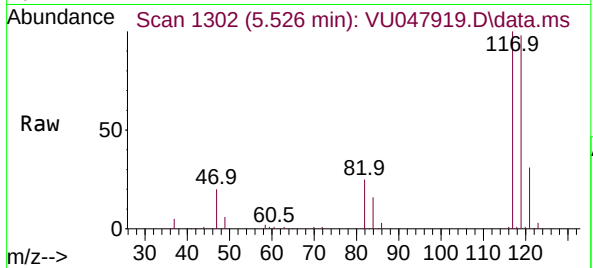




#31
Carbon tetrachloride
Concen: 49.668 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

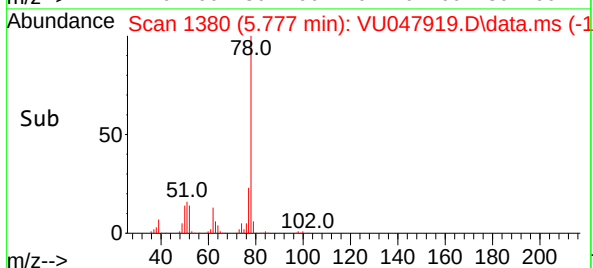
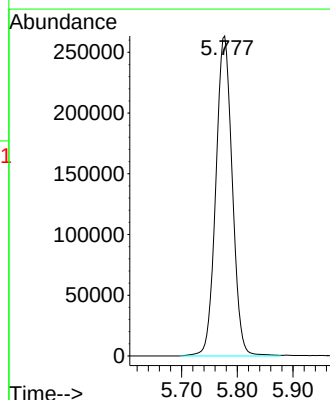
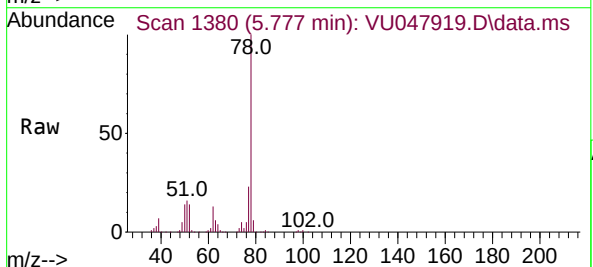
Instrument :
MSVOA_U
ClientSampleId :

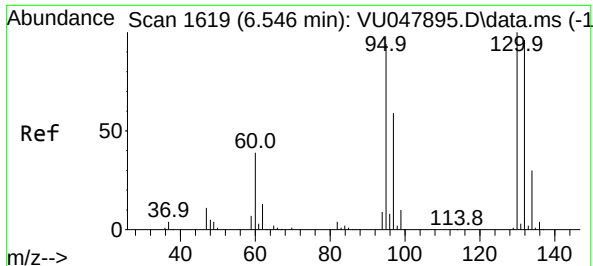
Tgt Ion:117 Resp: 172270
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 55.158 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 78 Resp: 540827

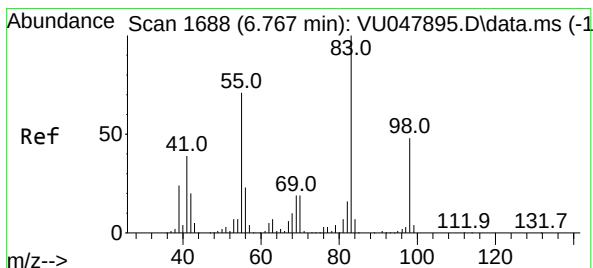
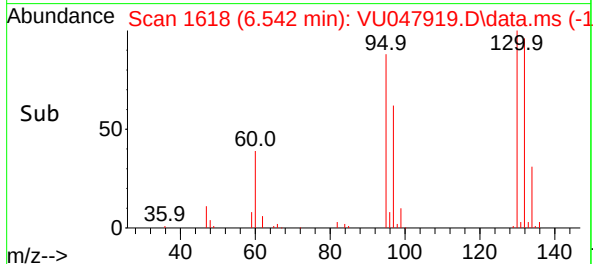
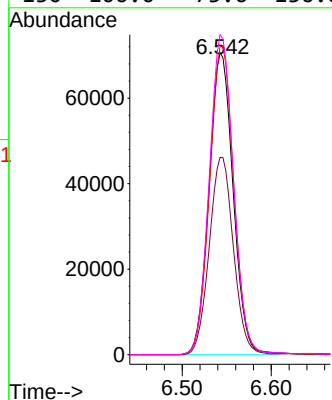
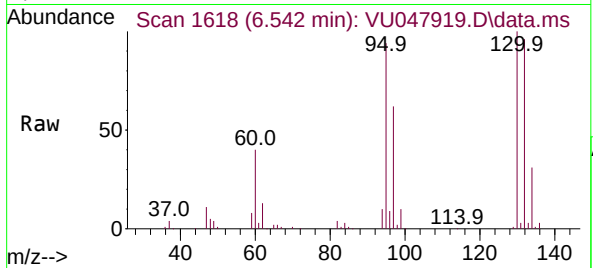




#34
Trichloroethene
Concen: 51.548 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

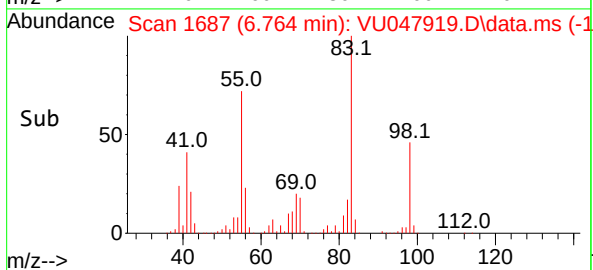
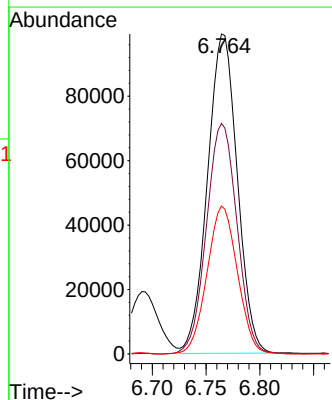
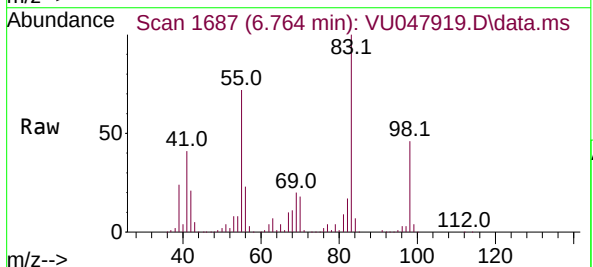
Instrument :
MSVOA_U
ClientSampleId :

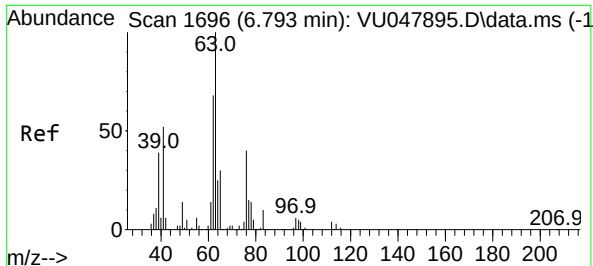
Tgt Ion: 95 Resp: 132507
Ion Ratio Lower Upper
95 100
97 65.3 44.7 82.9
132 102.0 70.4 130.8
130 106.0 73.6 136.8



#35
Methylcyclohexane
Concen: 48.869 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 83 Resp: 191110
Ion Ratio Lower Upper
83 100
55 74.1 56.8 85.2
98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 56.735 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

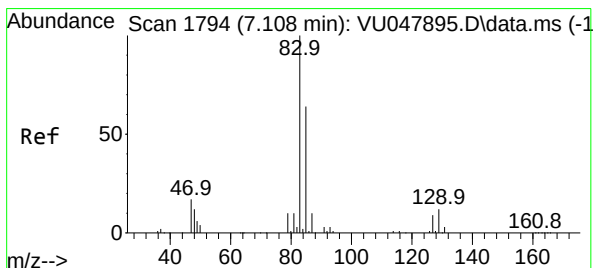
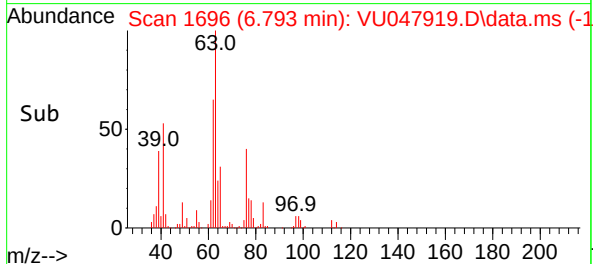
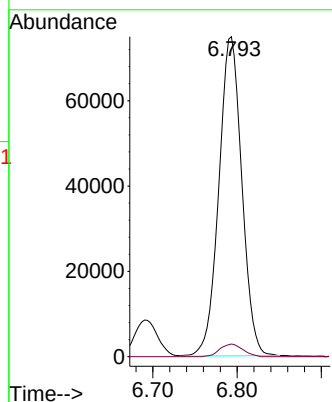
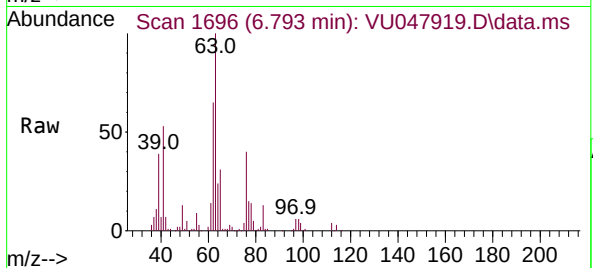
ClientSampleId :

Tgt Ion: 63 Resp: 141415

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 53.237 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

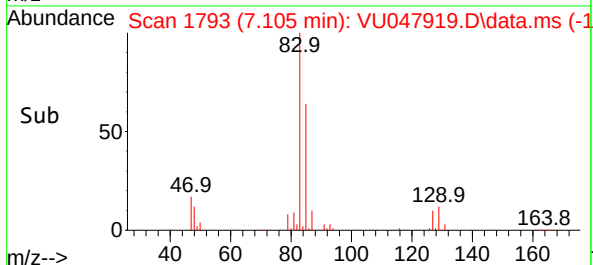
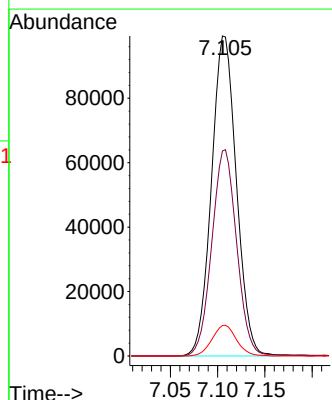
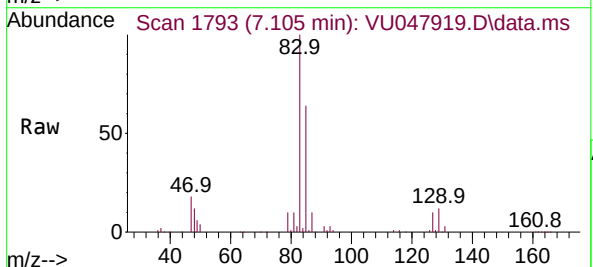
Tgt Ion: 83 Resp: 182223

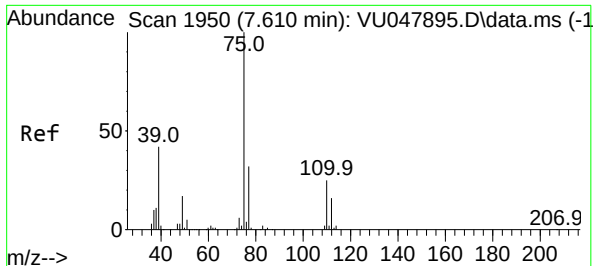
Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.137 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

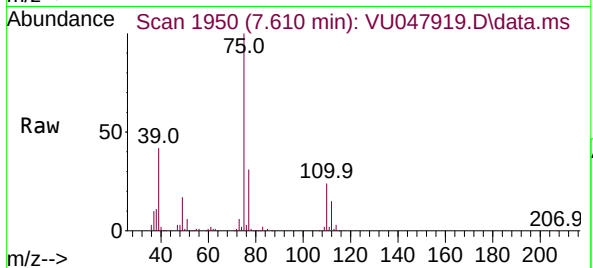
Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

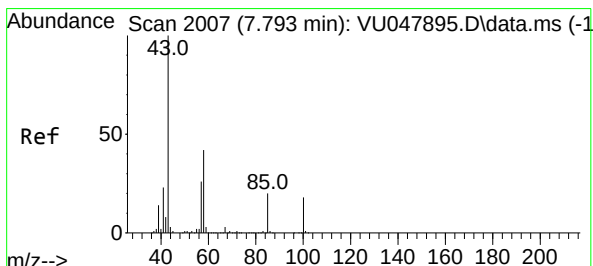
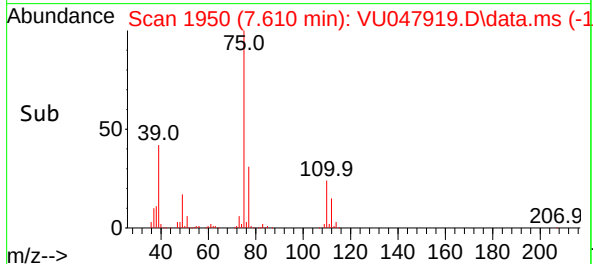
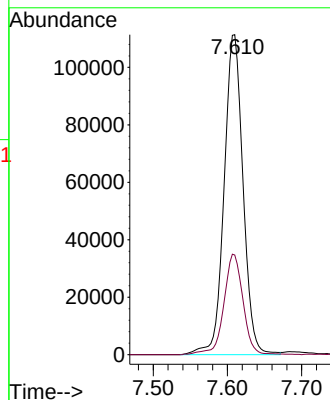


Tgt Ion: 75 Resp: 197776

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 100.957 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

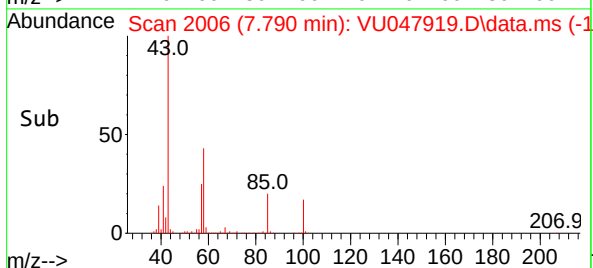
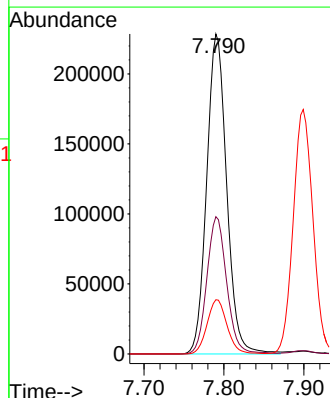
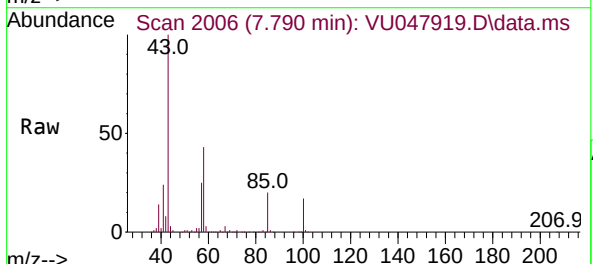
Tgt Ion: 43 Resp: 397720

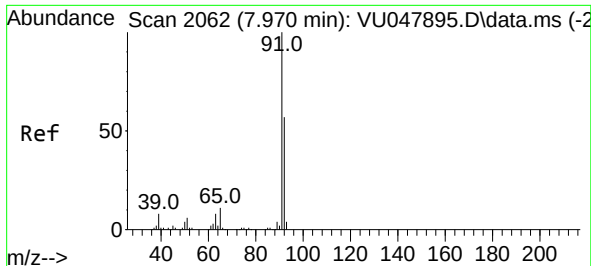
Ion Ratio Lower Upper

43 100

58 42.6 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 54.309 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

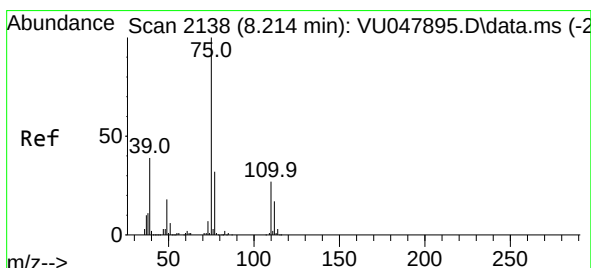
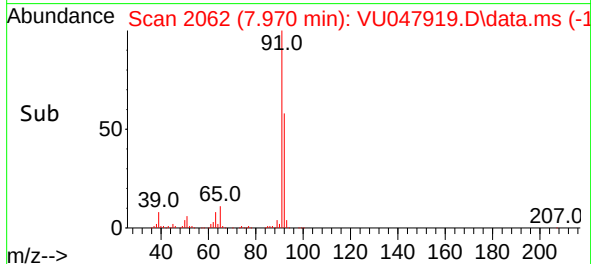
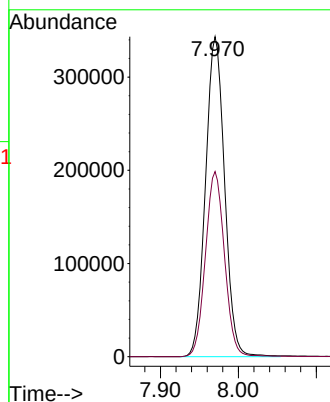
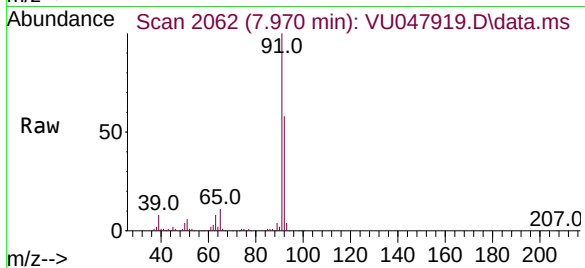
ClientSampleId :

Tgt Ion: 91 Resp: 584277

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 49.744 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047919.D

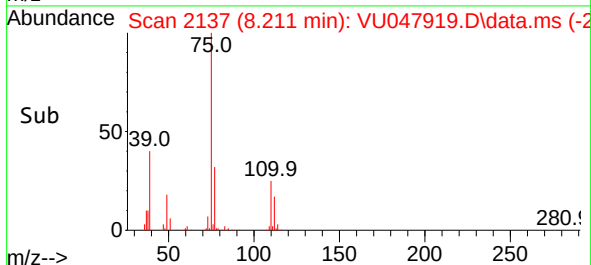
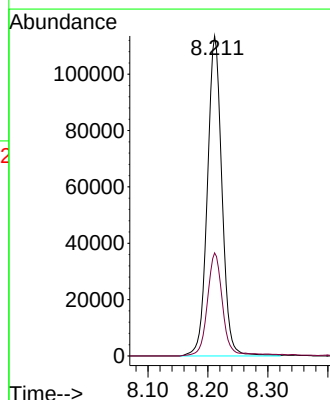
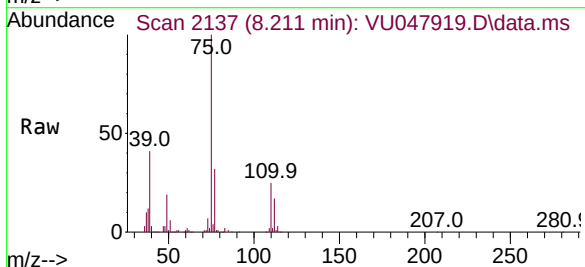
Acq: 11 Apr 2022 20:18

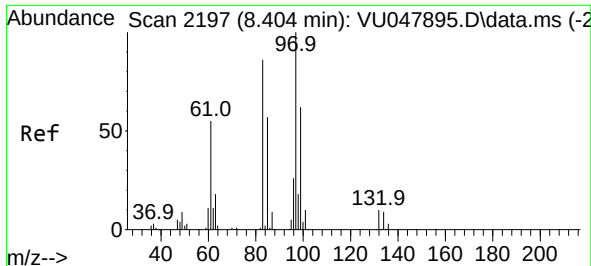
Tgt Ion: 75 Resp: 192091

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8

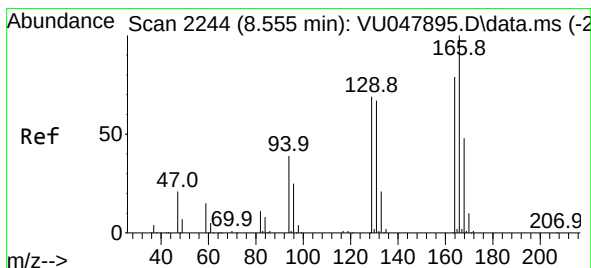
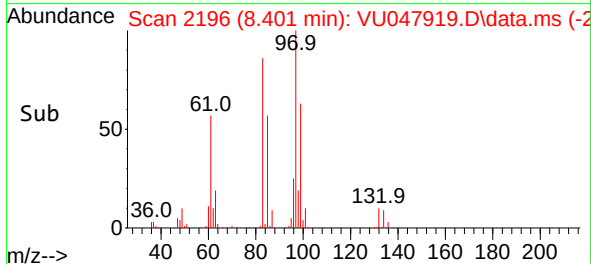
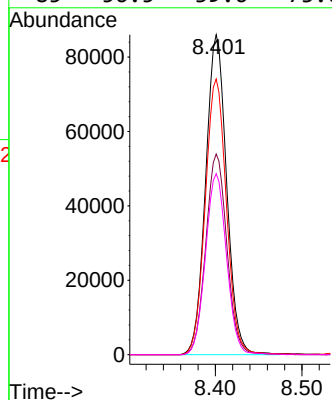
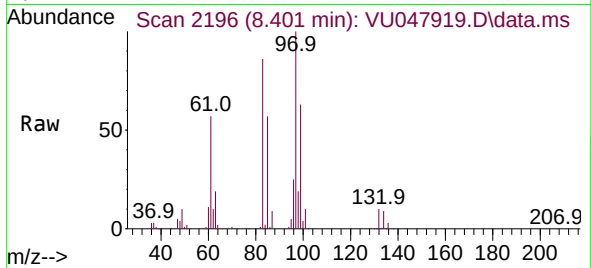




#45
1,1,2-Trichloroethane
Concen: 54.773 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

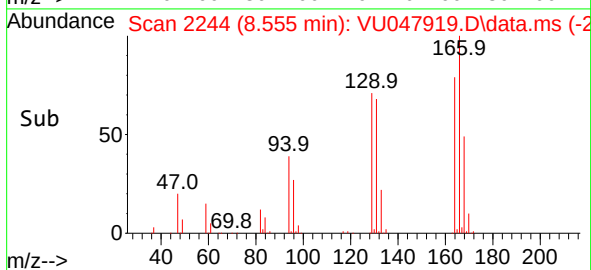
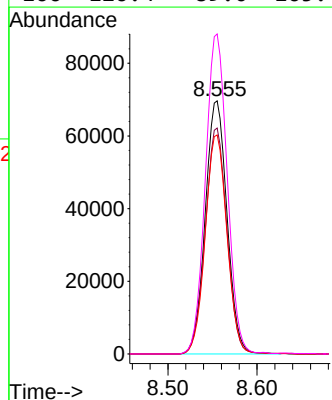
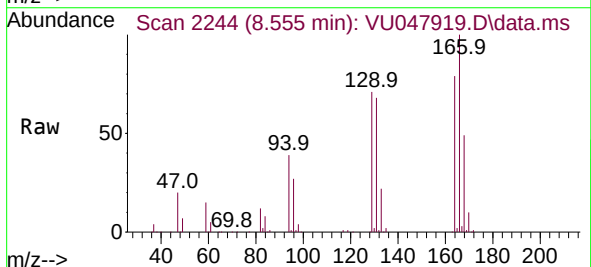
Instrument :
MSVOA_U
ClientSampleId :

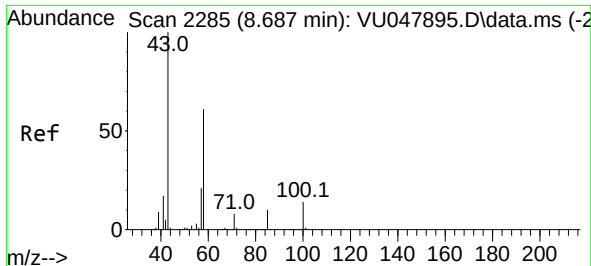
Tgt Ion:	97	Resp:	144794
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.3
83	86.2	61.0	113.4
85	56.5	39.6	73.6



#46
Tetrachloroethene
Concen: 51.302 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

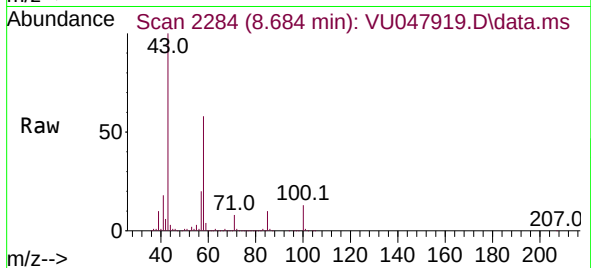
Tgt Ion:	164	Resp:	118508
Ion	Ratio	Lower	Upper
164	100		
129	89.2	62.4	116.0
131	86.5	60.7	112.7
166	126.4	89.0	165.4



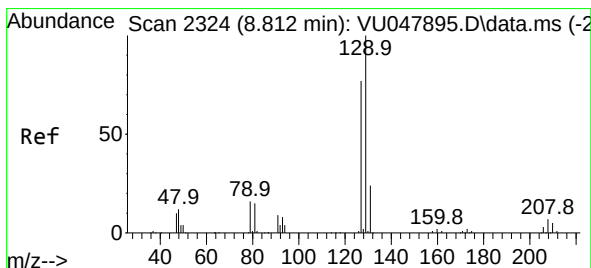
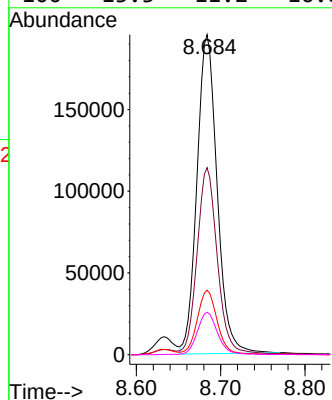
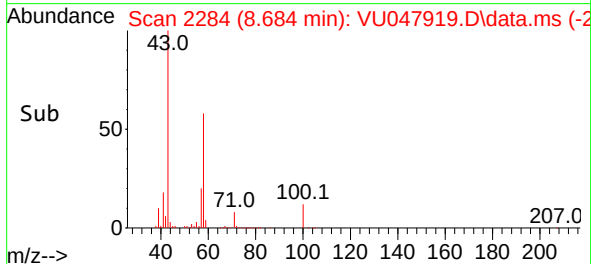


#48
2-Hexanone
Concen: 96.169 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :

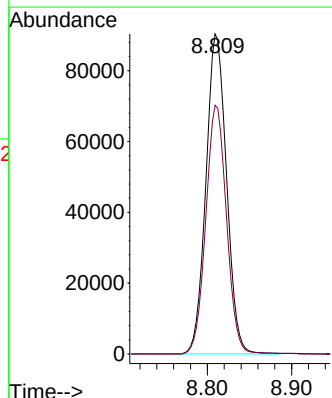
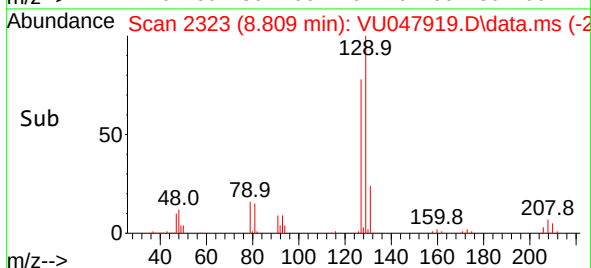
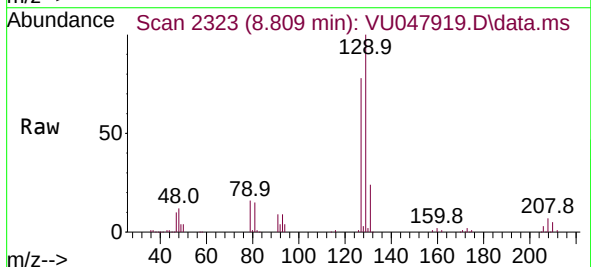


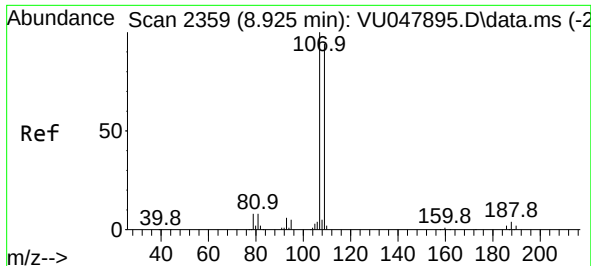
Tgt Ion: 43 Resp: 325886
Ion Ratio Lower Upper
43 100
58 58.2 48.1 72.1
57 20.2 16.2 24.4
100 13.3 11.2 16.8



#49
Dibromochloromethane
Concen: 50.300 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 129 Resp: 154011
Ion Ratio Lower Upper
129 100
127 77.8 54.2 100.6

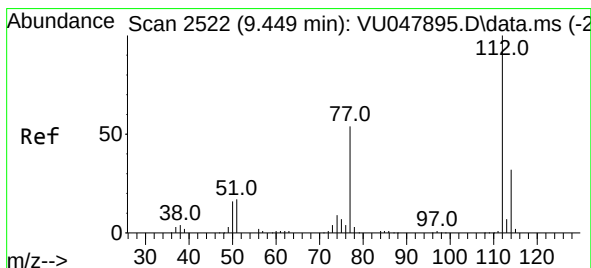
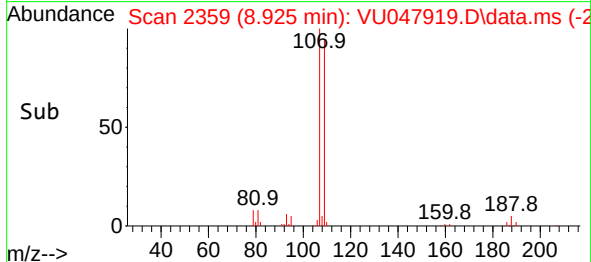
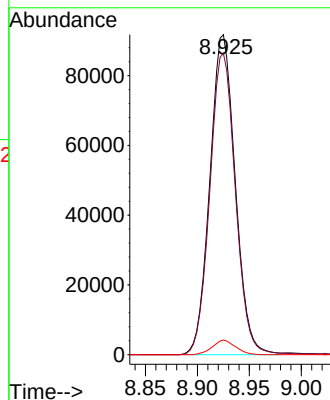
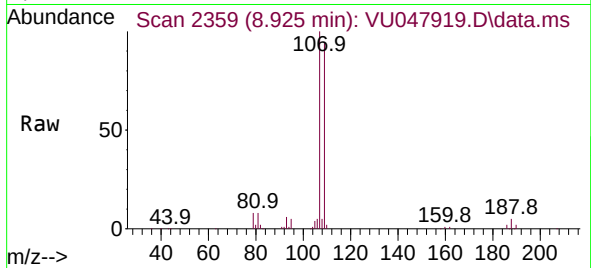




#50
1,2-Dibromoethane
Concen: 52.547 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

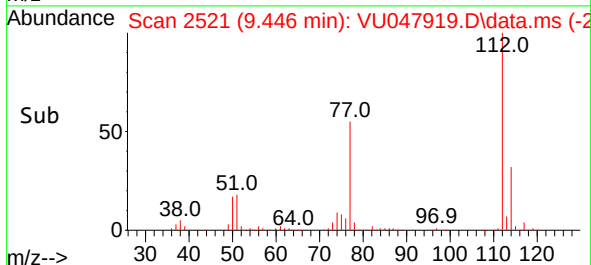
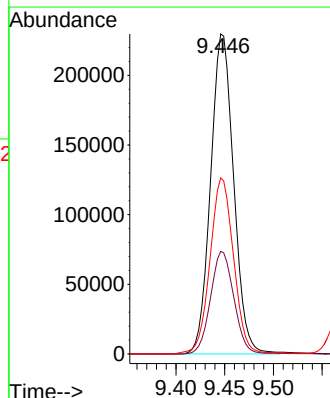
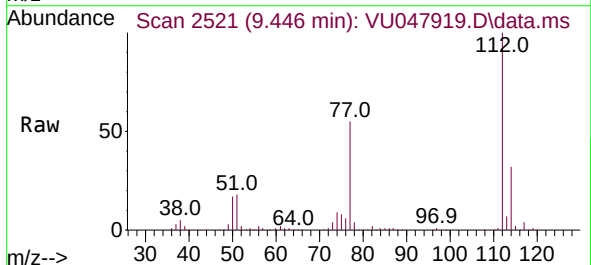
Instrument :
MSVOA_U
ClientSampleId :

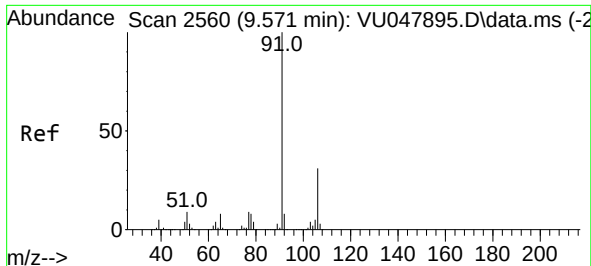
Tgt Ion:107 Resp: 155729
Ion Ratio Lower Upper
107 100
109 94.2 66.6 123.6
188 4.6 3.4 5.2



#51
Chlorobenzene
Concen: 51.814 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion:112 Resp: 378494
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.0 43.4 65.0

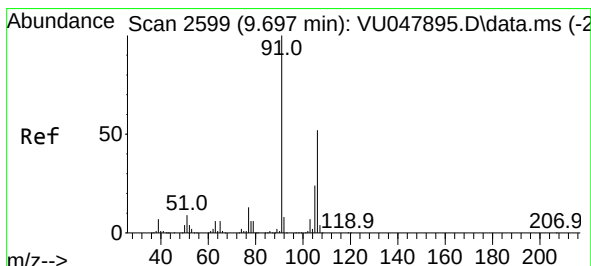
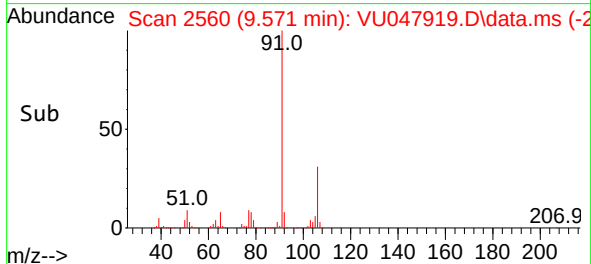
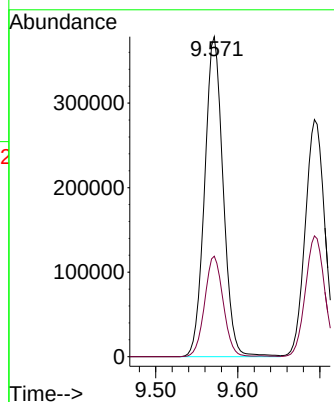
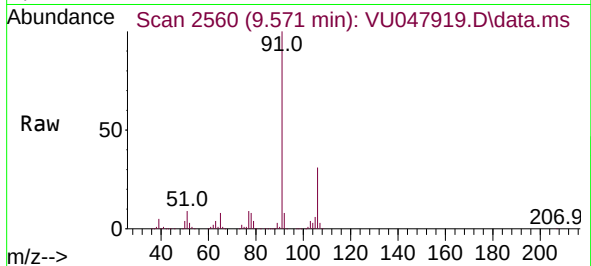




#52
Ethylbenzene
Concen: 52.453 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

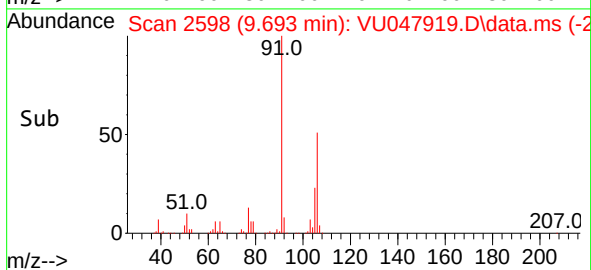
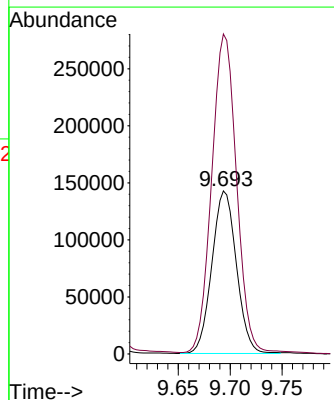
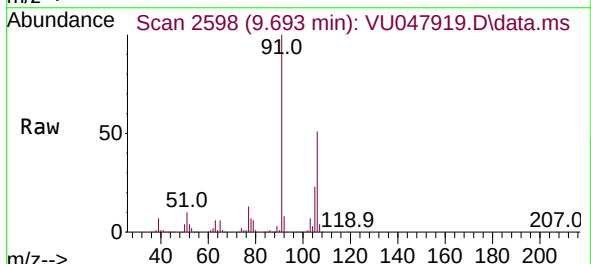
Instrument :
MSVOA_U
ClientSampleId :

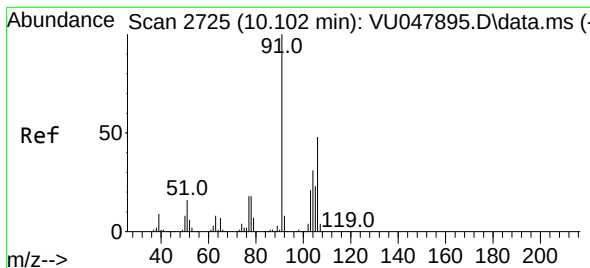
Tgt Ion: 91 Resp: 593356
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 52.655 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 106 Resp: 233716
Ion Ratio Lower Upper
106 100
91 196.2 137.7 255.7





#54

o-Xylene

Concen: 52.625 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

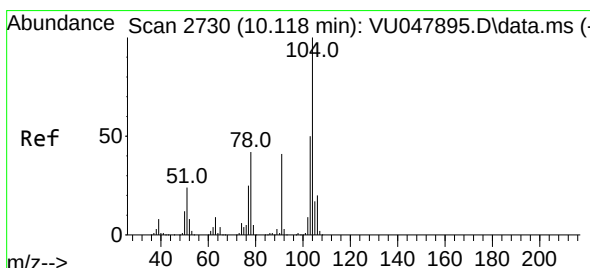
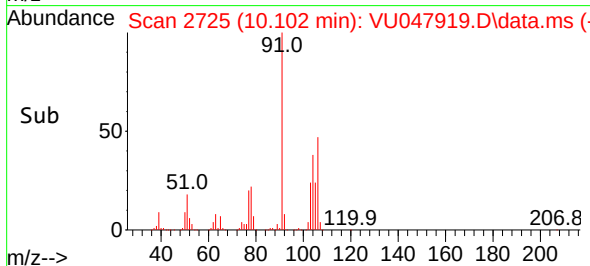
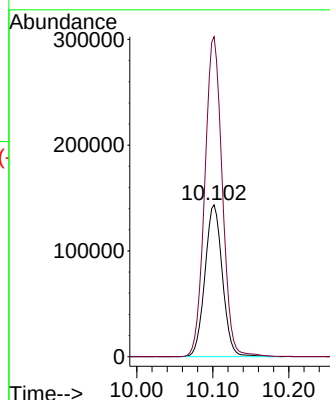
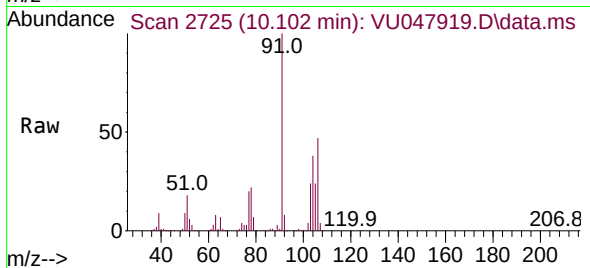
ClientSampleId :

Tgt Ion:106 Resp: 229254

Ion Ratio Lower Upper

106 100

91 210.8 146.7 272.5



#55

Styrene

Concen: 53.208 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU047919.D

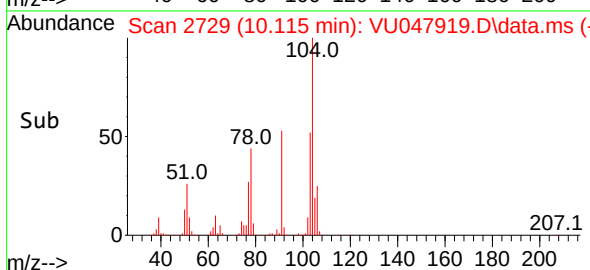
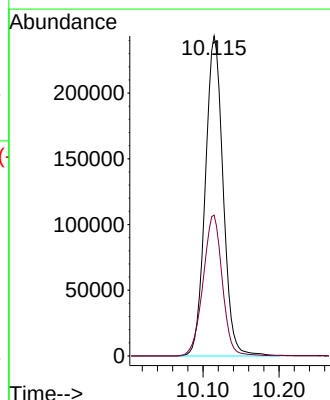
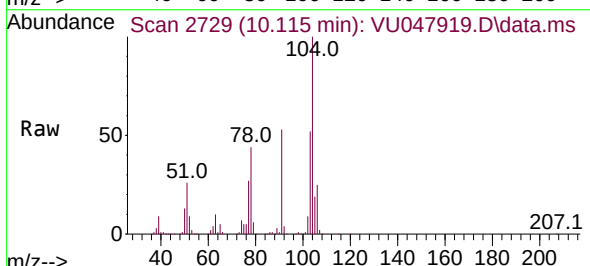
Acq: 11 Apr 2022 20:18

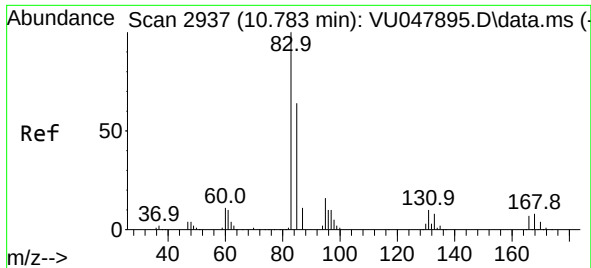
Tgt Ion:104 Resp: 395749

Ion Ratio Lower Upper

104 100

78 44.0 30.4 56.4

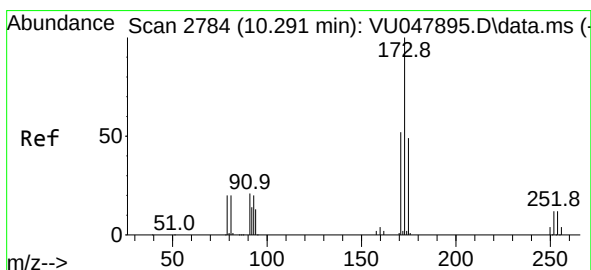
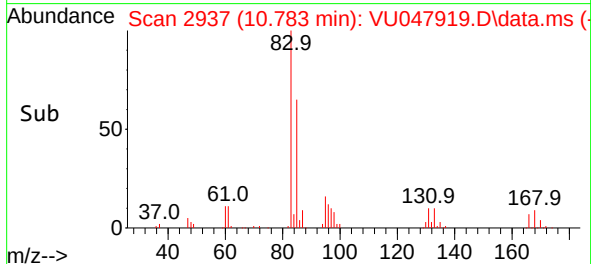
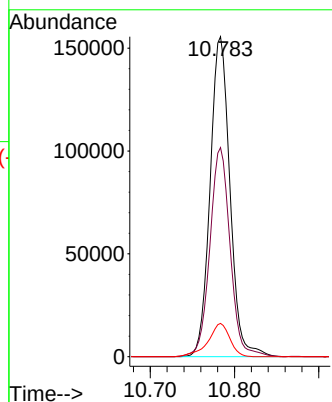
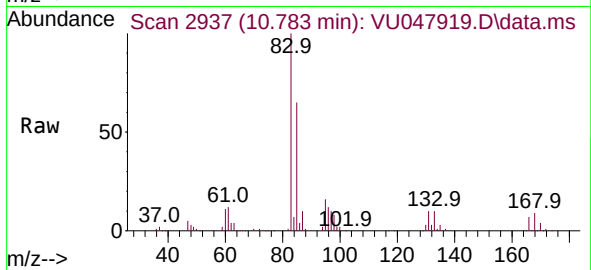




#57
1,1,2,2-Tetrachloroethane
Concen: 51.353 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

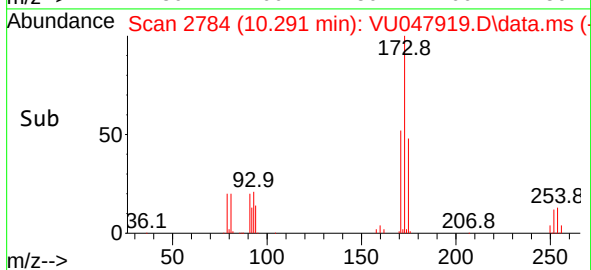
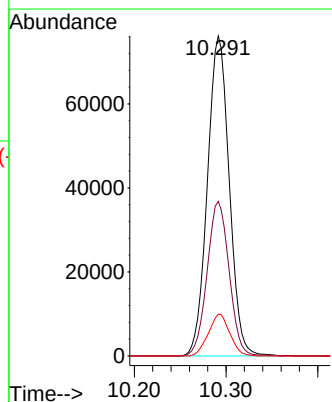
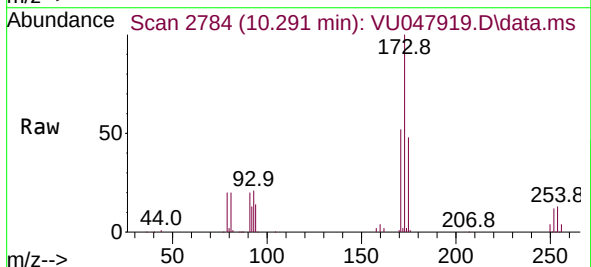
Instrument :
MSVOA_U
ClientSampleId :

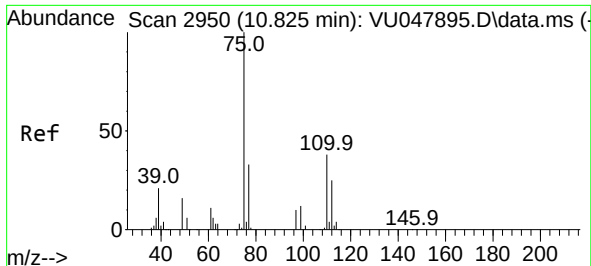
Tgt Ion: 83 Resp: 254503
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.3
131 10.4 8.6 13.0



#59
Bromoform
Concen: 47.638 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion:173 Resp: 125927
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 12.8 9.6 14.4

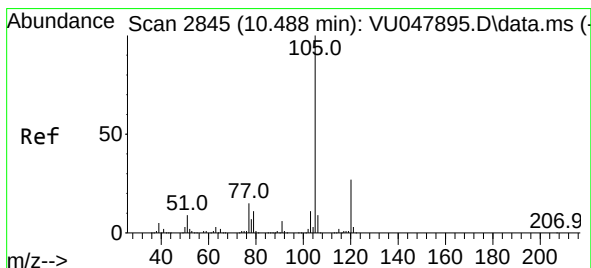
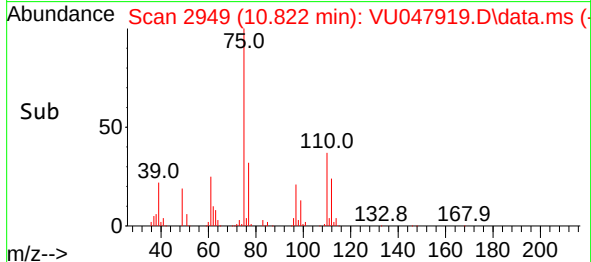
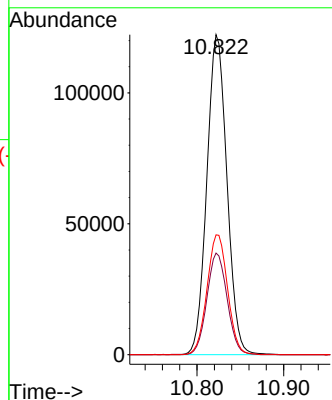
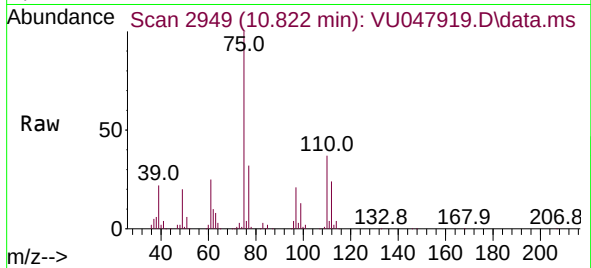




#60
1,2,3-Trichloropropane
Concen: 50.552 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

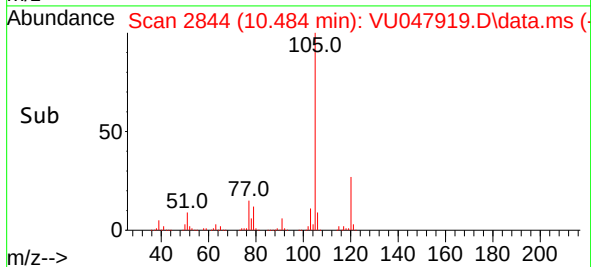
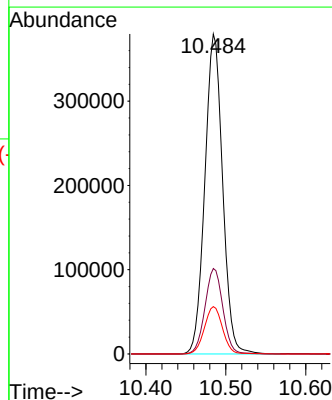
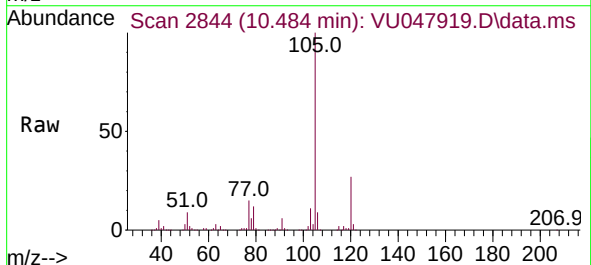
Instrument :
MSVOA_U
ClientSampleId :

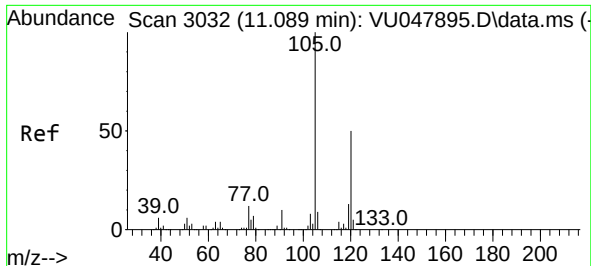
Tgt Ion: 75 Resp: 197004
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 38.4 31.4 47.2



#61
Isopropylbenzene
Concen: 52.529 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 105 Resp: 586869
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 15.1 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 49.517 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

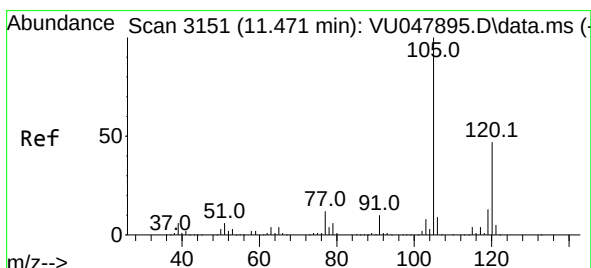
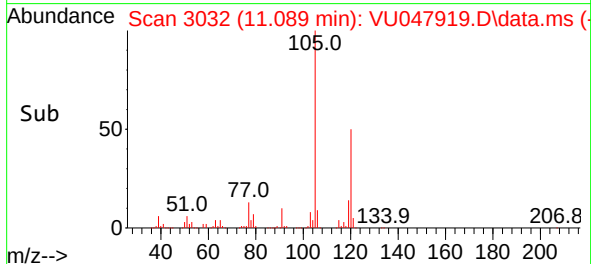
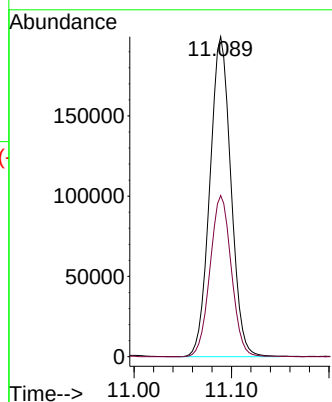
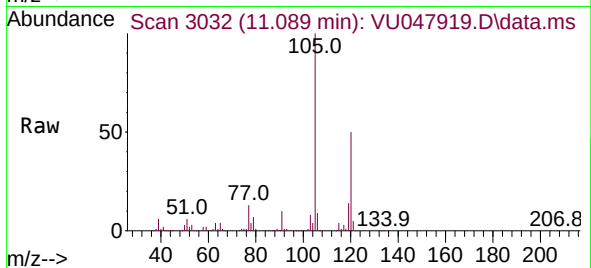
ClientSampleId :

Tgt Ion:105 Resp: 300163

Ion Ratio Lower Upper

105 100

120 50.9 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 51.408 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU047919.D

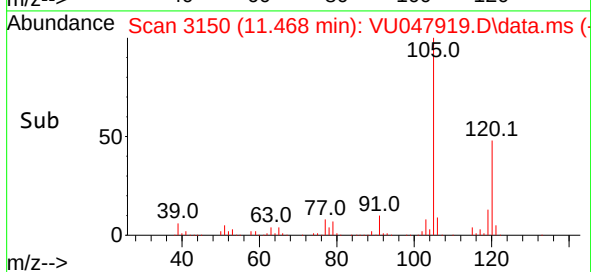
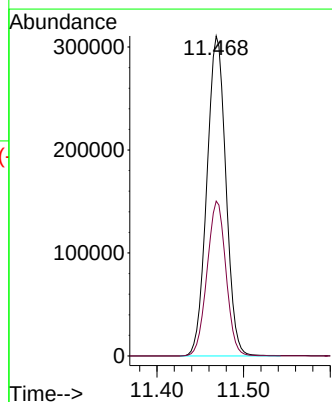
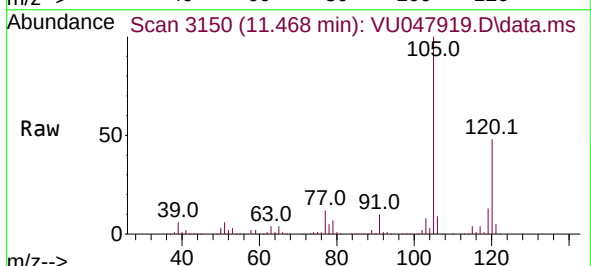
Acq: 11 Apr 2022 20:18

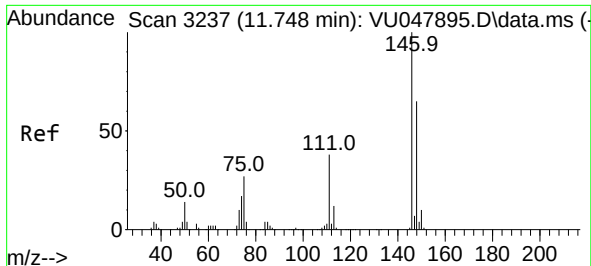
Tgt Ion:105 Resp: 473355

Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4

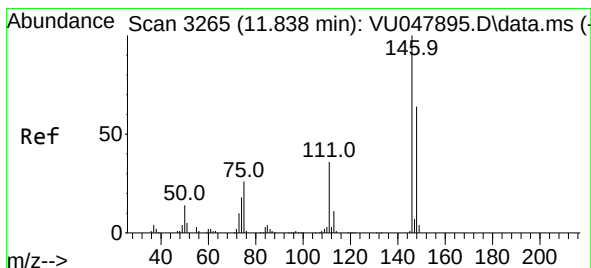
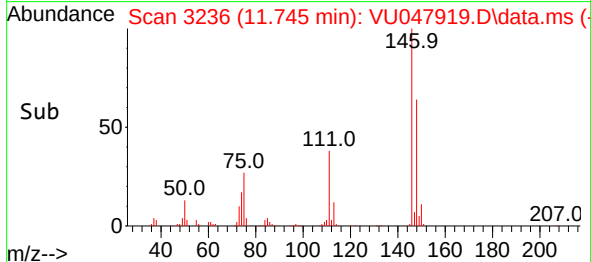
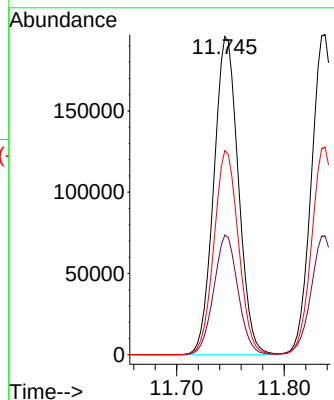
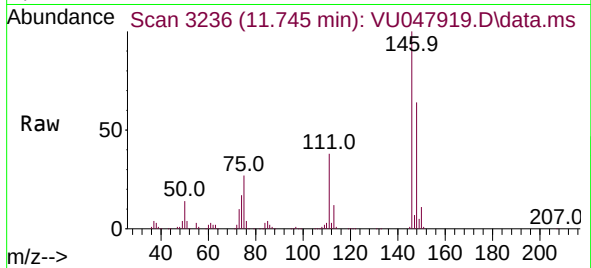




#64
1,3-Dichlorobenzene
Concen: 50.073 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

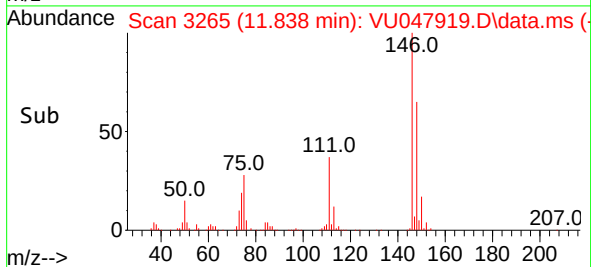
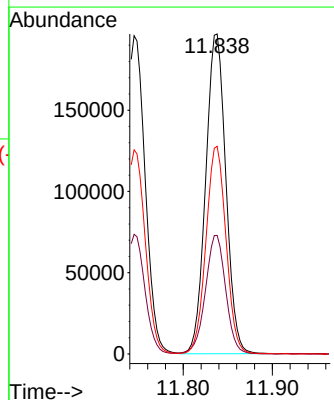
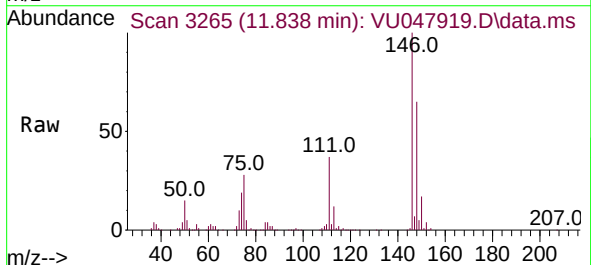
Instrument :
MSVOA_U
ClientSampleId :

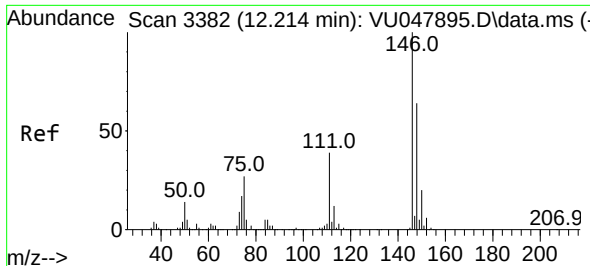
Tgt Ion:146 Resp: 310943
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.069 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047919.D
Acq: 11 Apr 2022 20:18

Tgt Ion:146 Resp: 309185
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 64.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 50.895 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

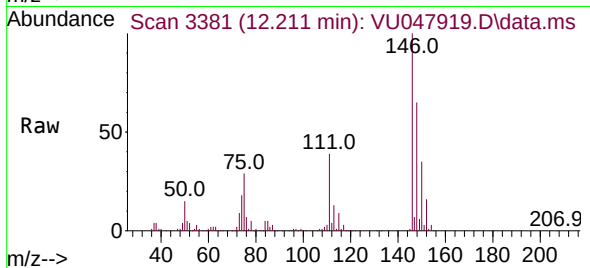
Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :



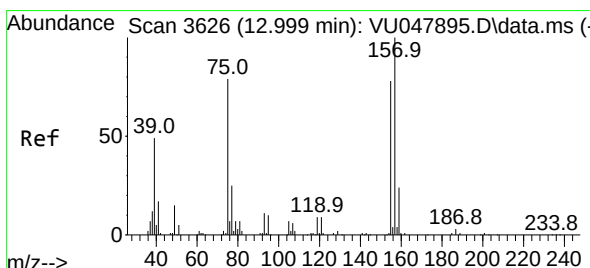
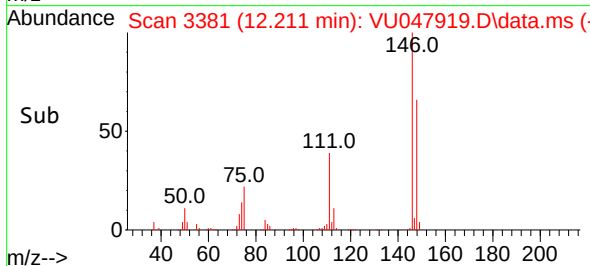
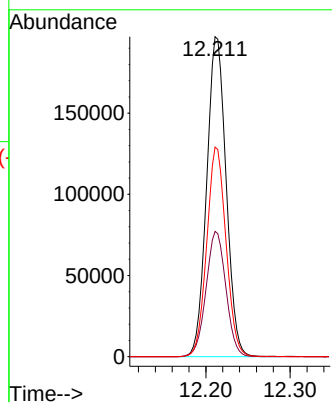
Tgt Ion:146 Resp: 316239

Ion Ratio Lower Upper

146 100

111 39.2 31.7 47.5

148 65.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.266 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

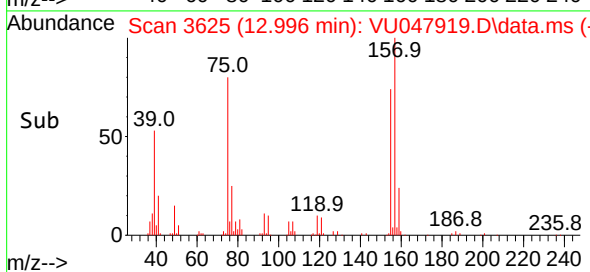
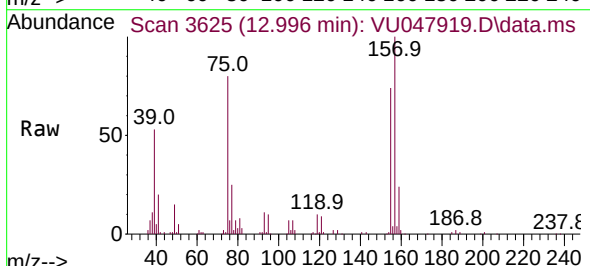
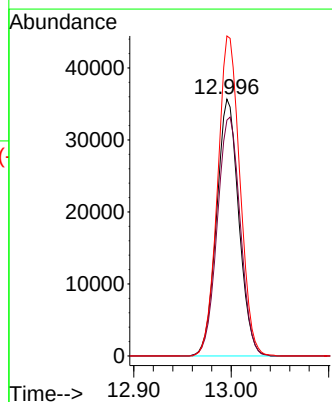
Tgt Ion: 75 Resp: 56506

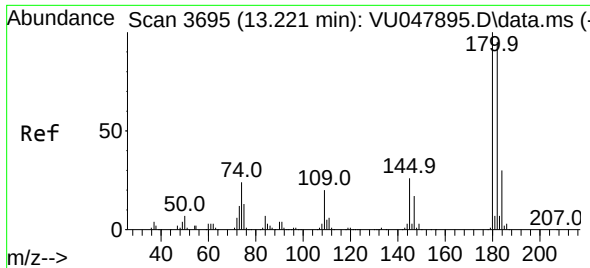
Ion Ratio Lower Upper

75 100

155 91.8 78.9 118.3

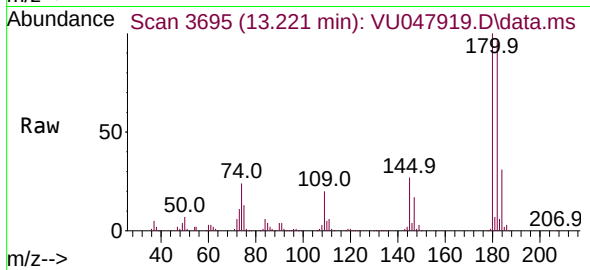
157 124.6 97.5 146.3



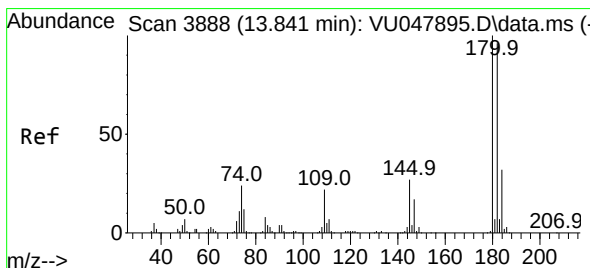
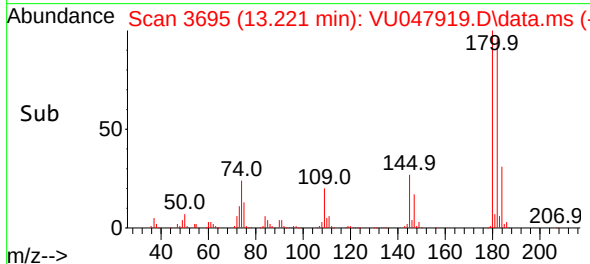
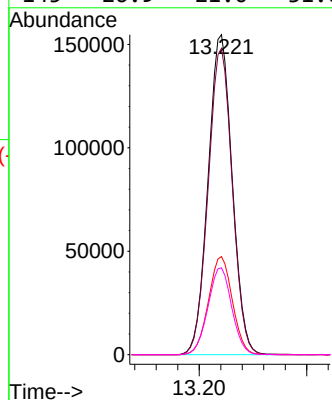


#69
 1,3,5-Trichlorobenzene
 Concen: 47.746 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

Instrument :
 MSVOA_U
 ClientSampleId :

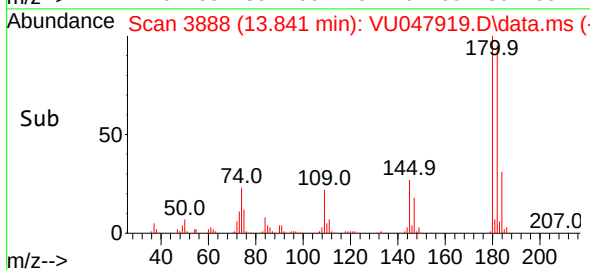
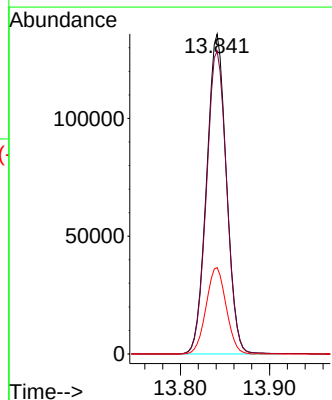
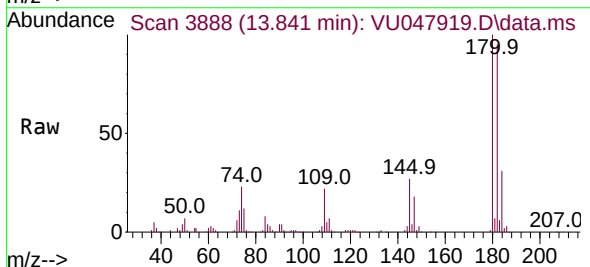


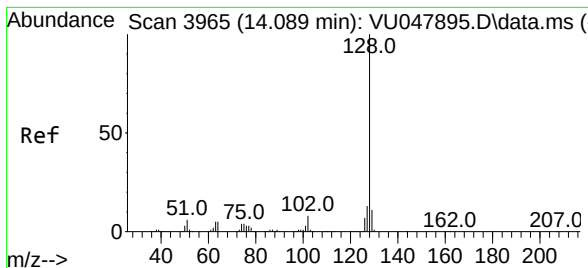
Tgt Ion:180 Resp: 240796
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 30.4 24.5 36.7
 145 26.9 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 47.532 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047919.D
 Acq: 11 Apr 2022 20:18

Tgt Ion:180 Resp: 209971
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.2 114.2
 145 27.3 21.8 32.8





#71

Naphthalene

Concen: 48.974 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Instrument :

MSVOA_U

ClientSampleId :

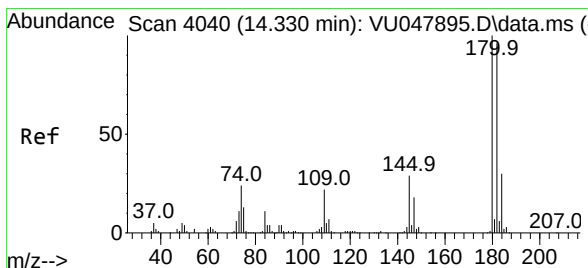
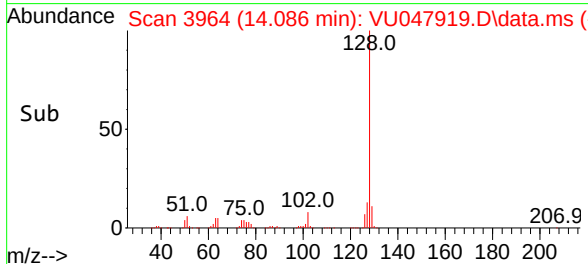
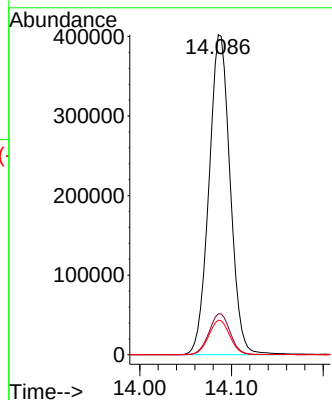
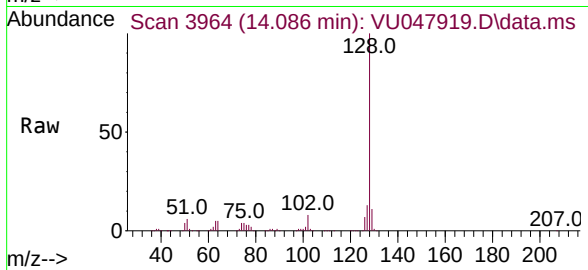
Tgt Ion:128 Resp: 644996

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.297 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047919.D

Acq: 11 Apr 2022 20:18

Tgt Ion:180 Resp: 227162

Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

145 28.6 22.8 34.2

