

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041122\
 Data File : U047895.D
 Acq On : 11 Apr 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 01:55:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	377898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	386237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	236107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	116747	42.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.200%		
7) Chloroethane-d5	1.916	69	99784	46.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.360%		
11) 1,1-Dichloroethene-d2	2.575	63	216995	43.280	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.560%		
21) 2-Butanone-d5	4.629	46	177148	75.314	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.310%		
24) Chloroform-d	5.067	84	218677	43.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
26) 1,2-Dichloroethane-d4	5.706	65	130692	42.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.000%		
32) Benzene-d6	5.732	84	418022	43.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
36) 1,2-Dichloropropane-d6	6.693	67	128894	43.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.360%		
41) Toluene-d8	7.899	98	399698	42.211	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.420%		
43) trans-1,3-Dichloroprop...	8.182	79	63126	41.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.500%		
47) 2-Hexanone-d5	8.636	63	134429	76.937	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.940%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211881	41.364	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	168489	40.111	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	187021	53.381	ug/L	98
3) Chloromethane	1.523	50	176879	52.792	ug/L	100
5) Vinyl chloride	1.607	62	190038	55.613	ug/L	96
6) Bromomethane	1.861	94	95608	51.983	ug/L	99
8) Chloroethane	1.935	64	117736	54.885	ug/L	99
9) Trichlorofluoromethane	2.141	101	258171	53.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	157319	56.481	ug/L	97
12) 1,1-Dichloroethene	2.584	96	140481	54.193	ug/L	83
13) Acetone	2.636	43	262744	120.036	ug/L	98
14) Carbon disulfide	2.800	76	405693	49.512	ug/L	100
15) Methyl Acetate	2.951	43	176891	50.680	ug/L	99
16) Methylene chloride	3.051	84	165635	55.683	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	151205	54.080	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	438052	55.534	ug/L	99
19) 1,1-Dichloroethane	3.874	63	275580	57.150	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	169346	55.247	ug/L	97
22) 2-Butanone	4.706	43	306632	108.748	ug/L	98
23) Bromochloromethane	4.980	128	97386	57.866	ug/L	97
25) Chloroform	5.092	83	294766	56.778	ug/L	98

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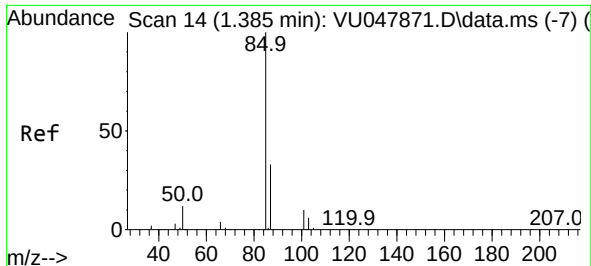
Quant Time: Apr 12 01:55:22 2022
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	224896	56.071	ug/L	98
29) Cyclohexane	5.394	56	218647	55.788	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	249464	56.961	ug/L	99
31) Carbon tetrachloride	5.530	117	221267	55.950	ug/L	100
33) Benzene	5.777	78	643055	57.520	ug/L	100
34) Trichloroethene	6.546	95	164376	56.082	ug/L	99
35) Methylcyclohexane	6.767	83	249527	55.960	ug/L	100
37) 1,2-Dichloropropane	6.793	63	167374	58.892	ug/L	100
38) Bromodichloromethane	7.108	83	225994	57.906	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	248731	56.404	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	477184	106.233	ug/L	99
42) Toluene	7.970	91	706282	57.577	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	249298	56.620	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	174666	57.948	ug/L	99
46) Tetrachloroethene	8.555	164	150630	57.189	ug/L	99
48) 2-Hexanone	8.687	43	416152	107.705	ug/L	99
49) Dibromochloromethane	8.812	129	198736	56.926	ug/L	99
50) 1,2-Dibromoethane	8.925	107	190225	56.294	ug/L	99
51) Chlorobenzene	9.449	112	474656	56.988	ug/L	100
52) Ethylbenzene	9.571	91	738341	57.244	ug/L	98
53) m,p-Xylene	9.697	106	295231	58.335	ug/L	97
54) o-Xylene	10.102	106	285816	57.541	ug/L	99
55) Styrene	10.118	104	501823	59.173	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	306427	54.227	ug/L	100
59) Bromoform	10.291	173	167046	55.329	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	238354	53.551	ug/L	99
61) Isopropylbenzene	10.488	105	735304	57.624	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	384950	55.601	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	601543	57.199	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	392390	55.325	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	399809	54.423	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	394129	55.537	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	72530	50.871	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	316094	54.876	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	274519	54.411	ug/L	99
71) Naphthalene	14.089	128	805824	53.571	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	285152	56.378	ug/L	99

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

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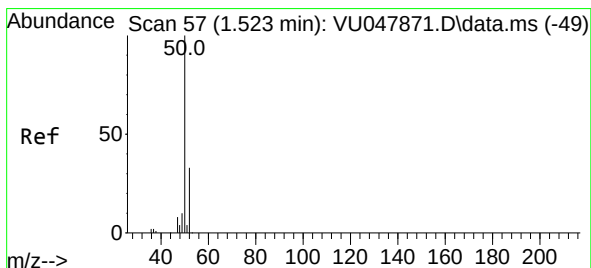
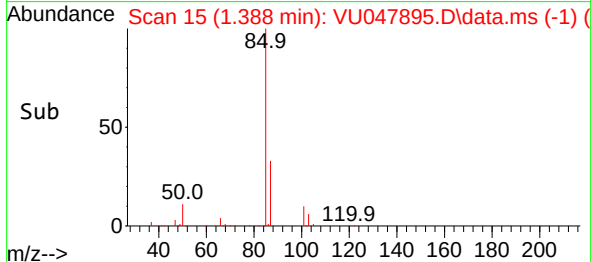
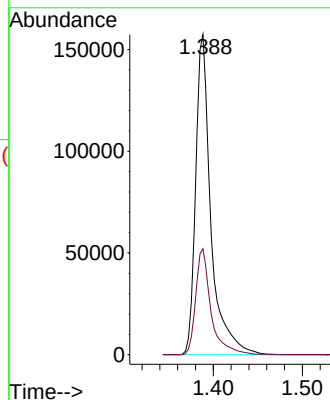
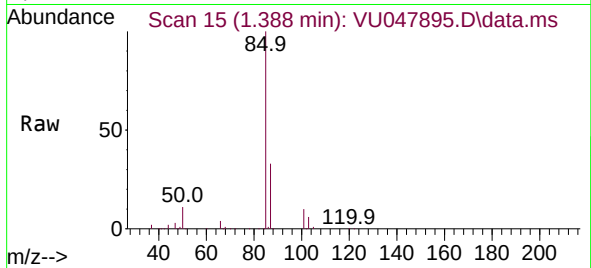




#2
Dichlorodifluoromethane
Concen: 53.381 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

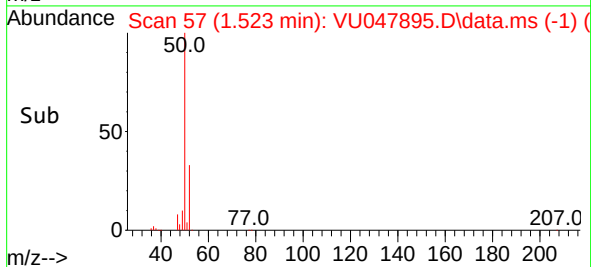
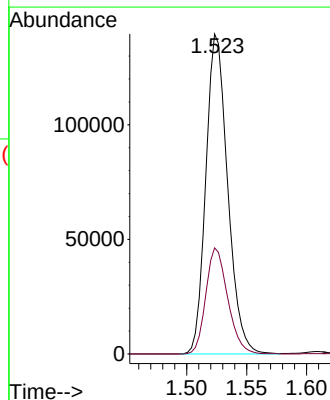
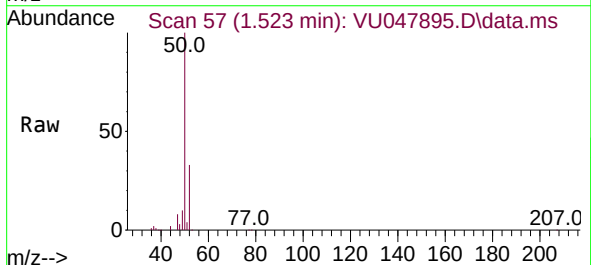
Instrument :
MSVOA_U
ClientSampleId :

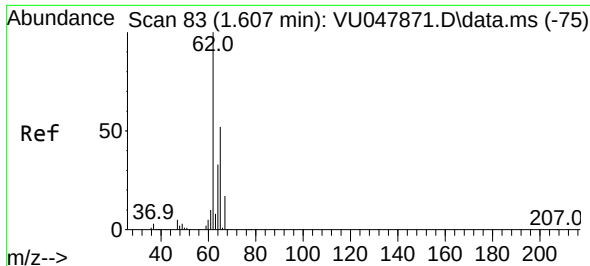
Tgt Ion: 85 Resp: 187021
Ion Ratio Lower Upper
85 100
87 33.3 25.8 38.8



#3
Chloromethane
Concen: 52.792 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

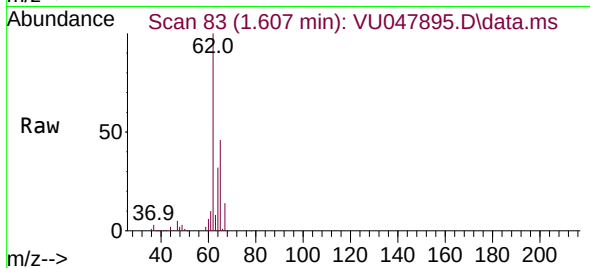
Tgt Ion: 50 Resp: 176879
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2



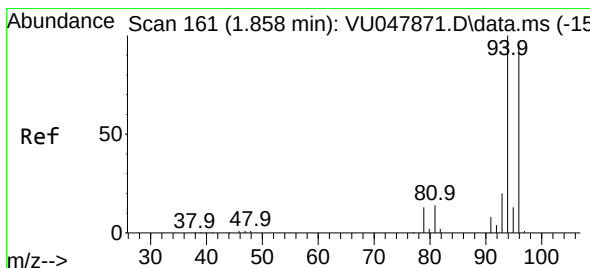
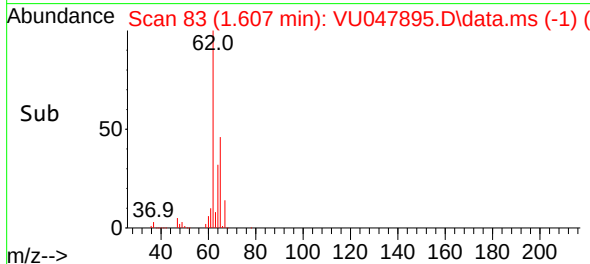
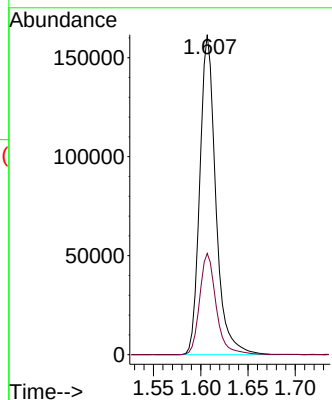


#5
 Vinyl chloride
 Concen: 55.613 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

Instrument :
 MSVOA_U
 ClientSampleId :

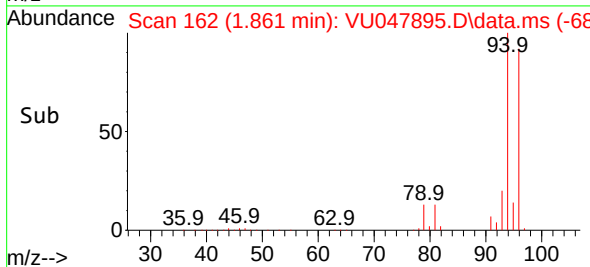
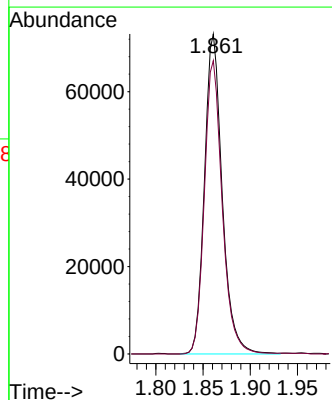
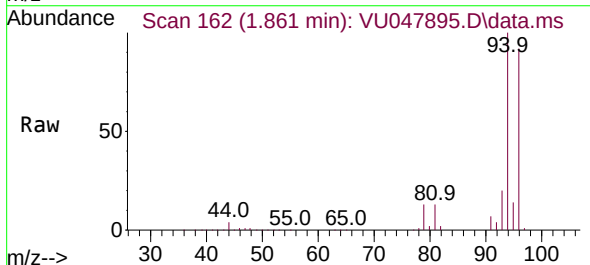


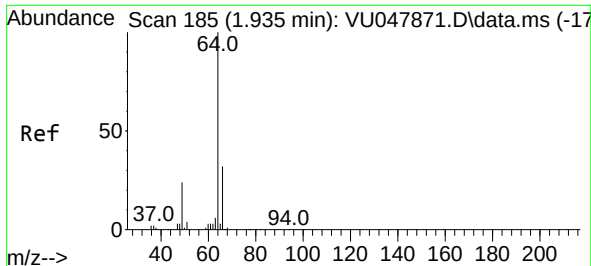
Tgt Ion: 62 Resp: 190038
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.7 43.9



#6
 Bromomethane
 Concen: 51.983 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

Tgt Ion: 94 Resp: 95608
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.8 120.3

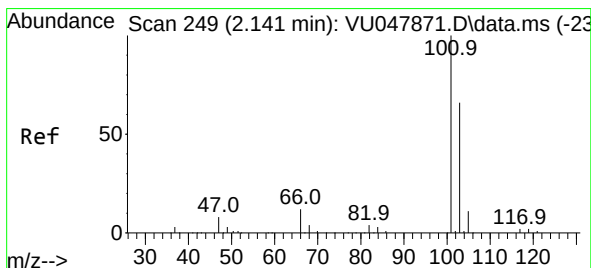
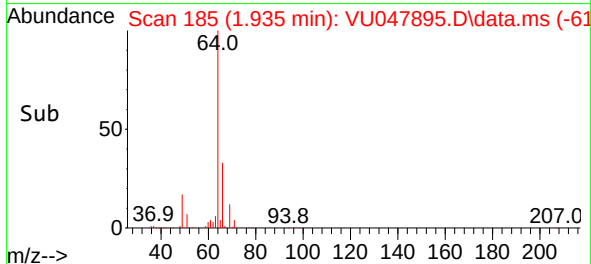
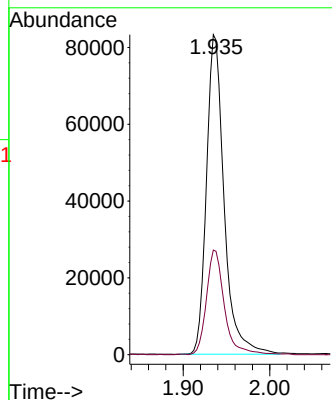
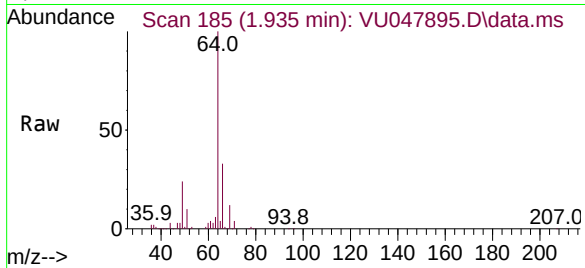




#8
Chloroethane
Concen: 54.885 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

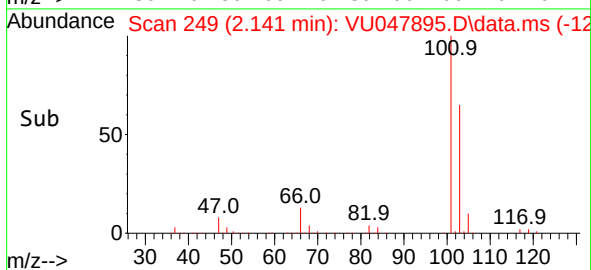
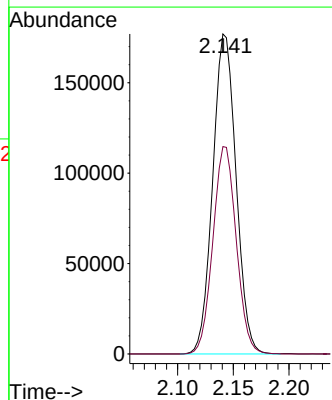
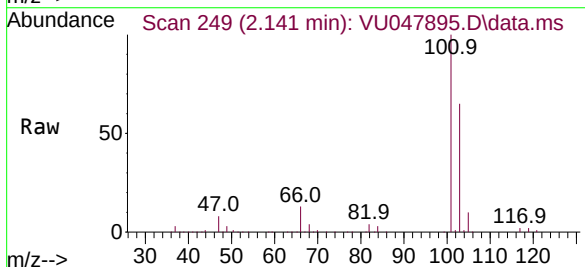
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MSVOA_U
ClientSampleId :

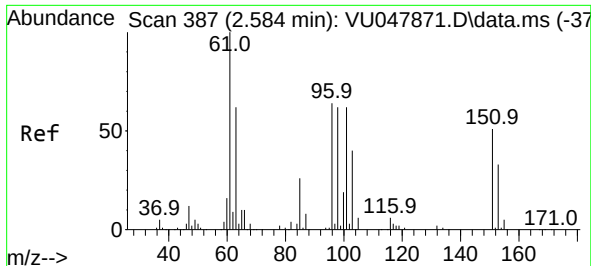
Tgt Ion: 64 Resp: 117736
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 53.578 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion:101 Resp: 258171
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

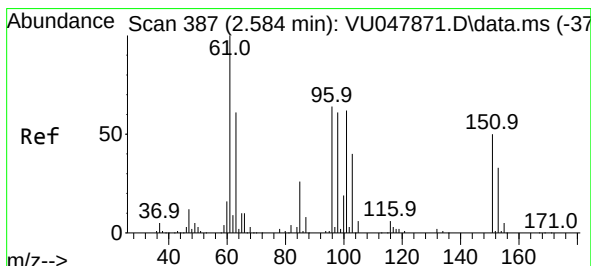
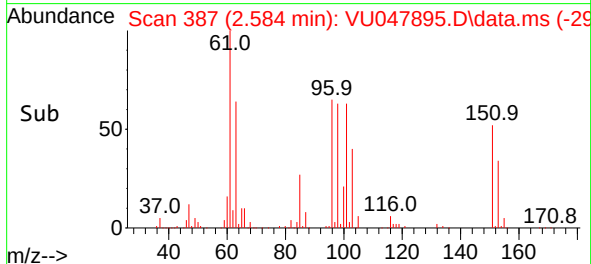
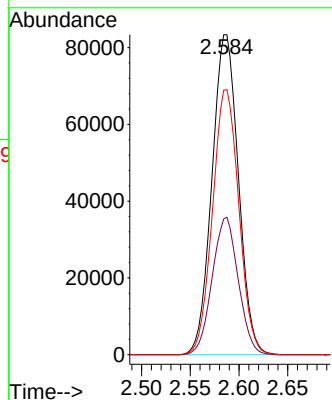
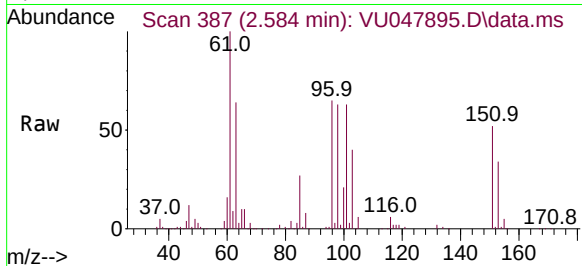




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.481 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

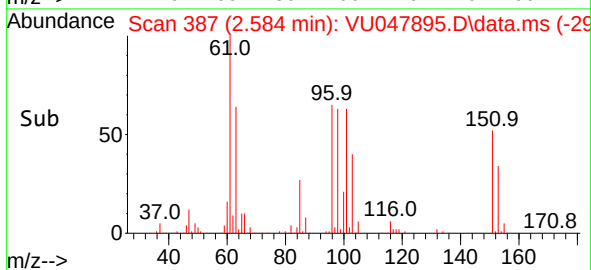
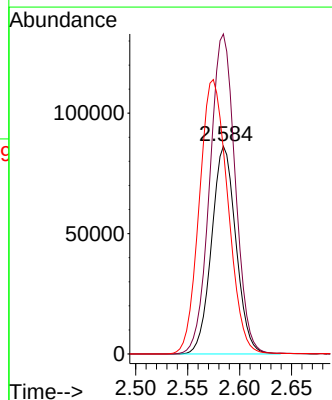
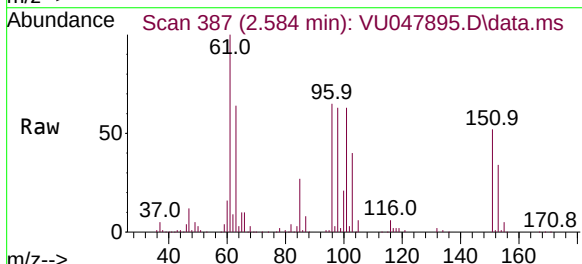
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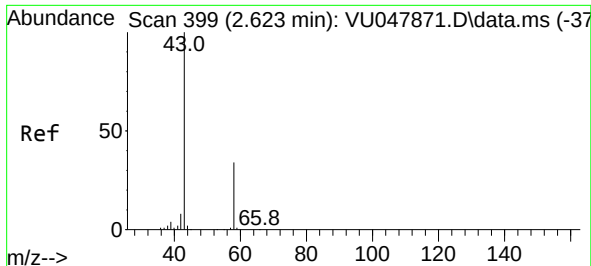
Tgt Ion:101 Resp: 157319
 Ion Ratio Lower Upper
 101 100
 85 42.3 32.8 49.2
 151 82.4 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 54.193 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

Tgt Ion: 96 Resp: 140481
 Ion Ratio Lower Upper
 96 100
 61 154.1 113.1 210.1
 63 98.4 94.8 176.0





#13

Acetone

Concen: 120.036 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

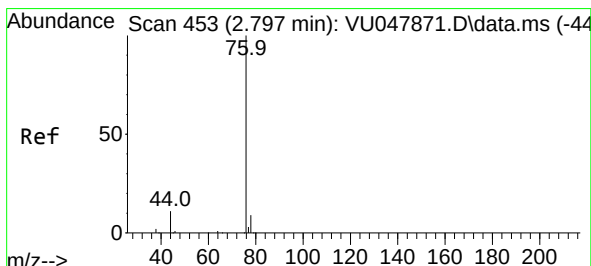
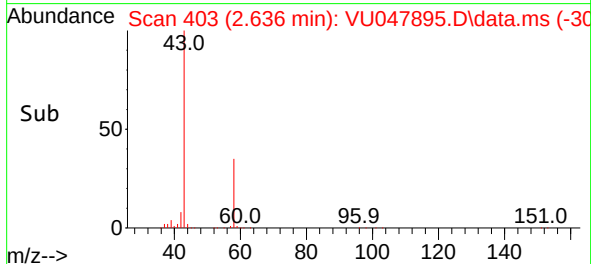
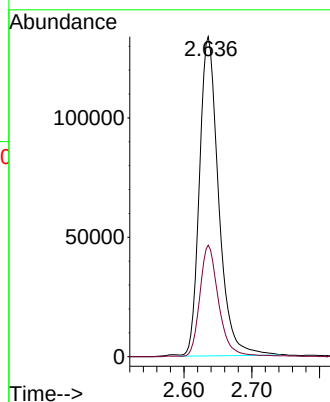
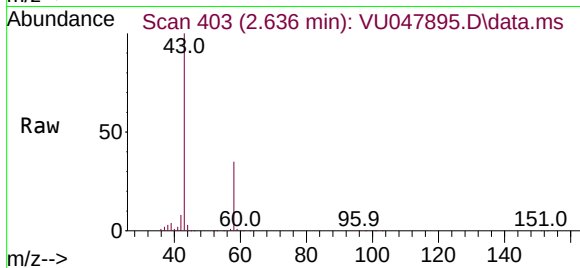
ClientSampleId :

Tgt Ion: 43 Resp: 262744

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.0



#14

Carbon disulfide

Concen: 49.512 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU047895.D

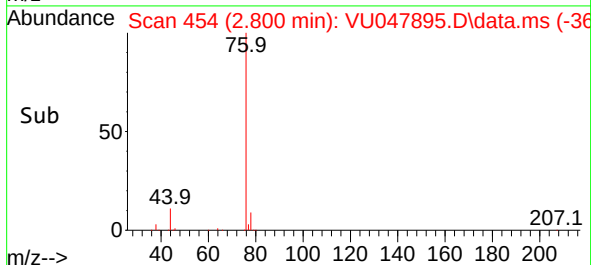
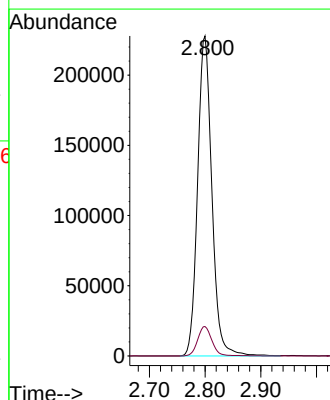
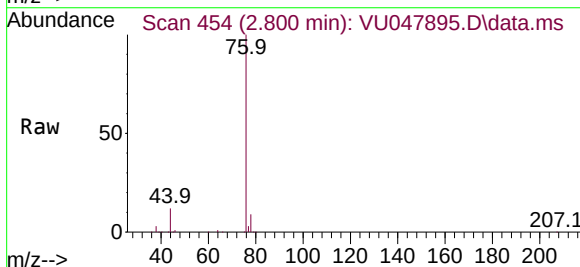
Acq: 11 Apr 2022 09:45

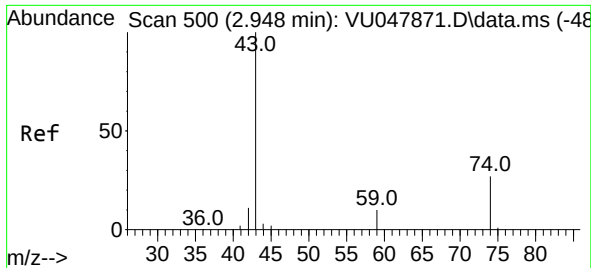
Tgt Ion: 76 Resp: 405693

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

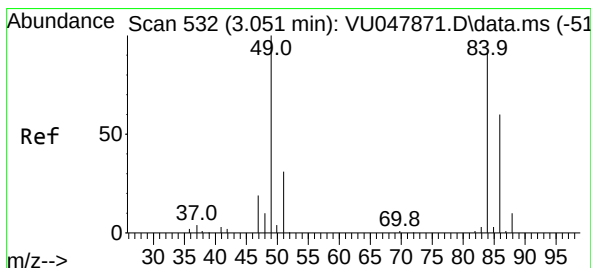
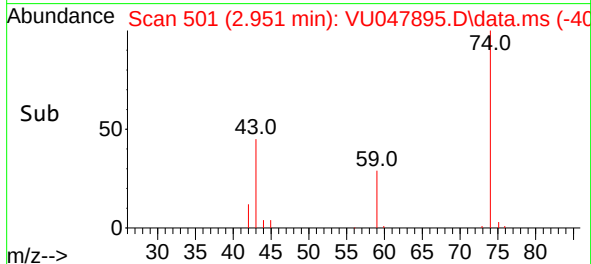
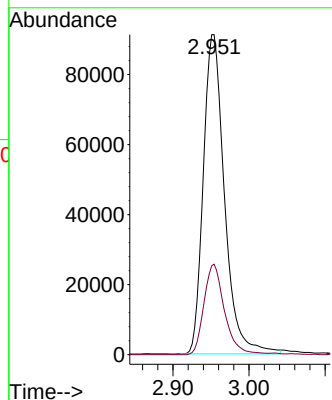
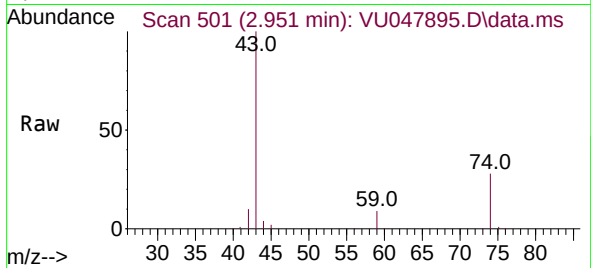




#15
Methyl Acetate
Concen: 50.680 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

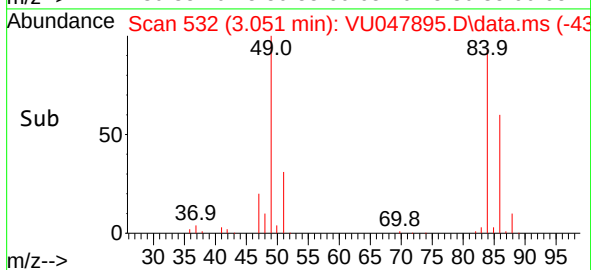
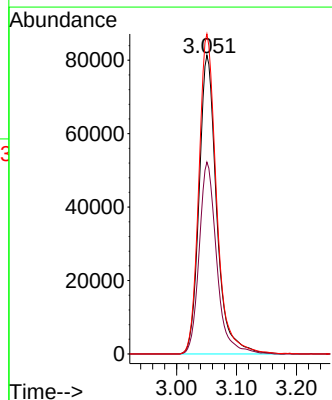
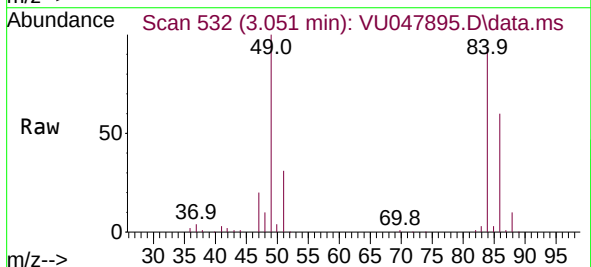
Instrument :
MSVOA_U
ClientSampleId :

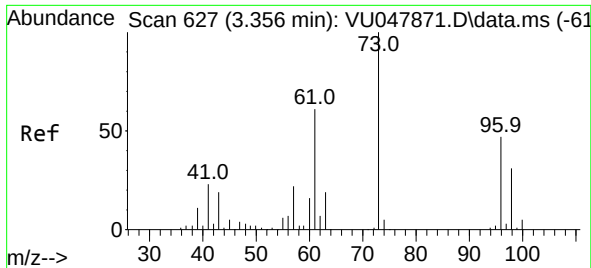
Tgt Ion: 43 Resp: 176891
Ion Ratio Lower Upper
43 100
74 27.4 22.2 33.2



#16
Methylene chloride
Concen: 55.683 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 84 Resp: 165635
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 107.1 75.3 139.8

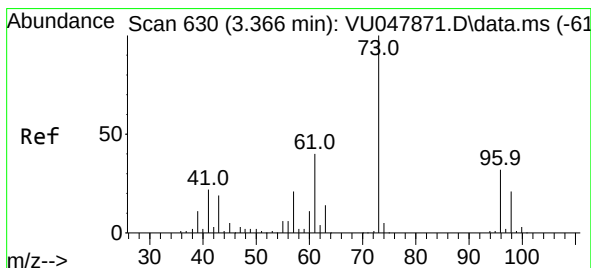
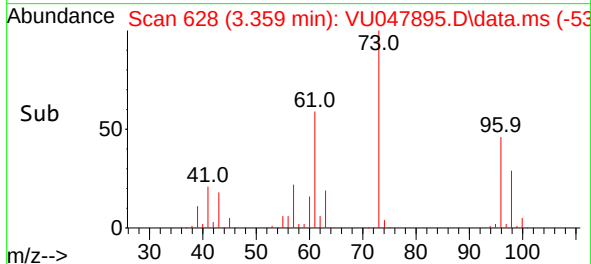
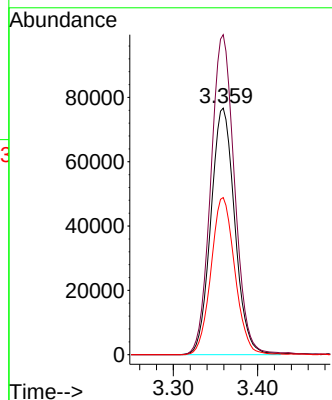
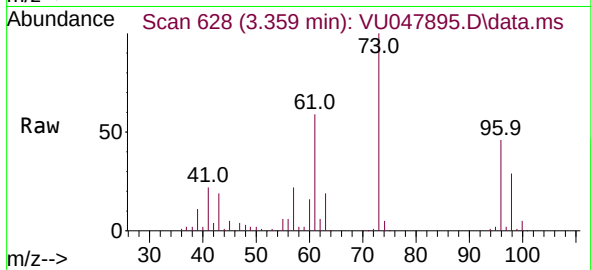




#17
trans-1,2-Dichloroethene
Concen: 54.080 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

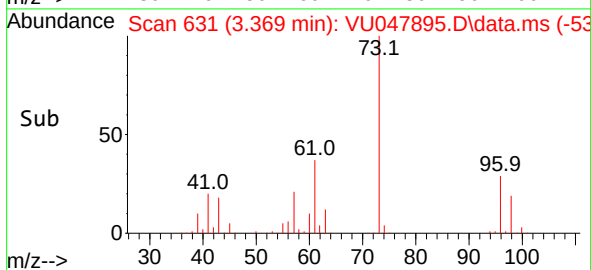
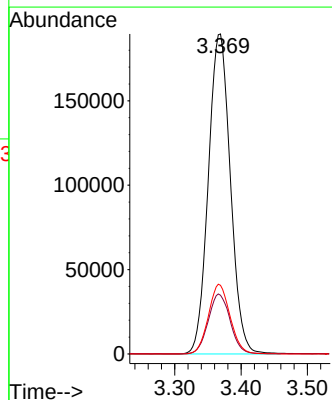
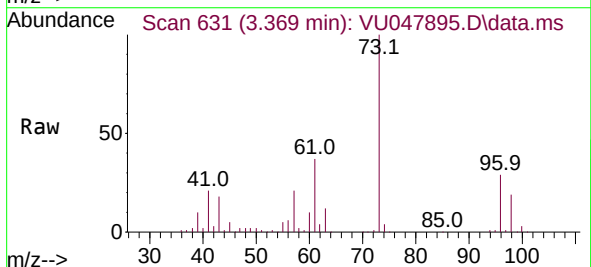
Instrument :
MSVOA_U
ClientSampleId :

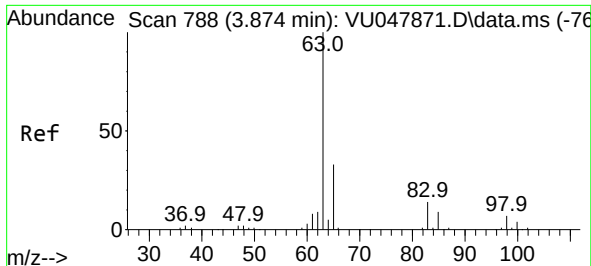
Tgt Ion: 96 Resp: 151205
Ion Ratio Lower Upper
96 100
61 129.8 88.4 164.2
98 63.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 55.534 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 73 Resp: 438052
Ion Ratio Lower Upper
73 100
43 18.5 15.3 22.9
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 57.150 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

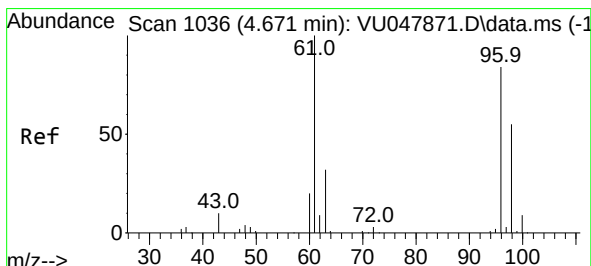
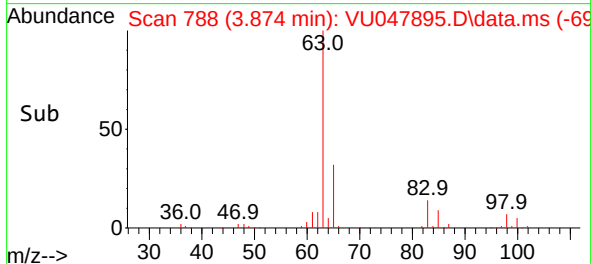
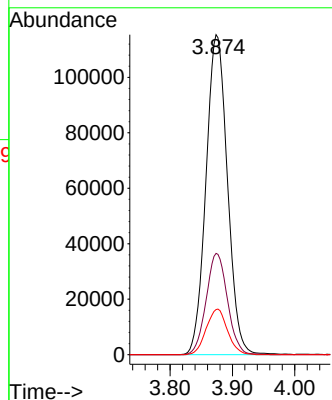
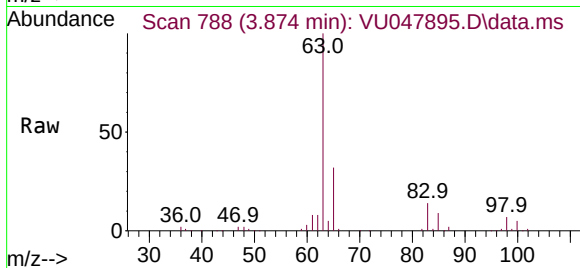
Tgt Ion: 63 Resp: 275580

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.1 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 55.247 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

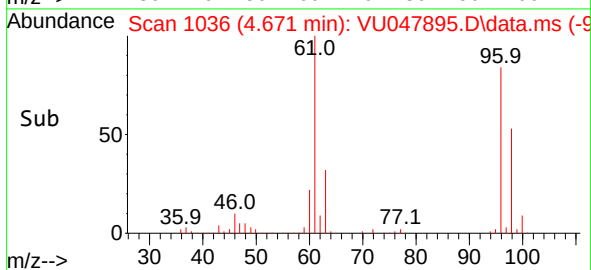
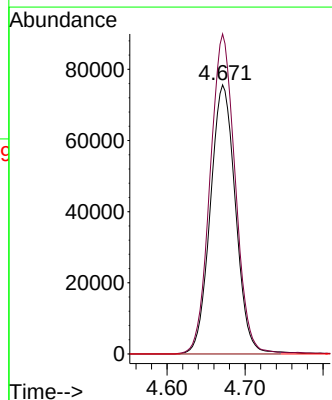
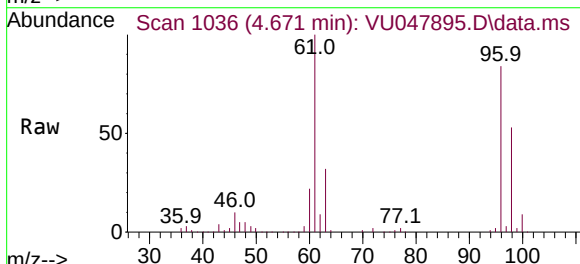
Tgt Ion: 96 Resp: 169346

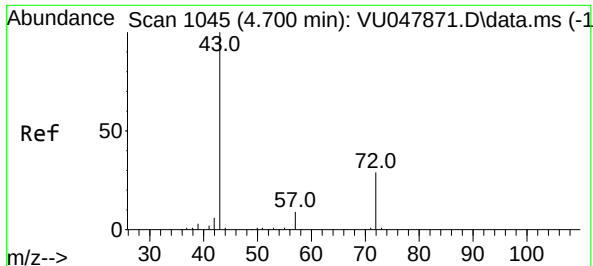
Ion Ratio Lower Upper

96 100

61 118.9 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 108.748 ug/L

RT: 4.706 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

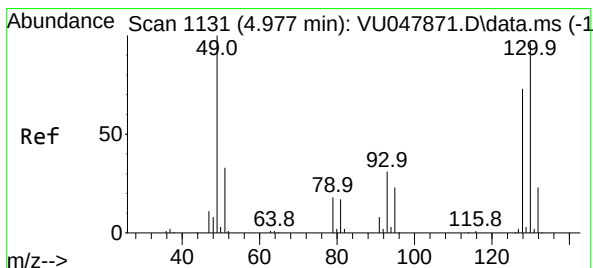
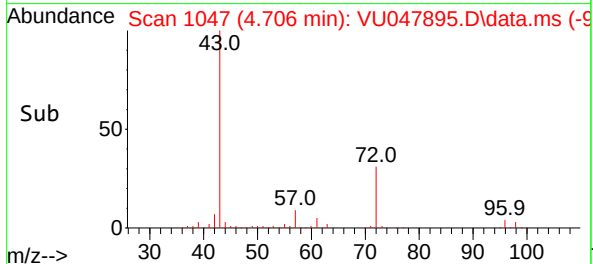
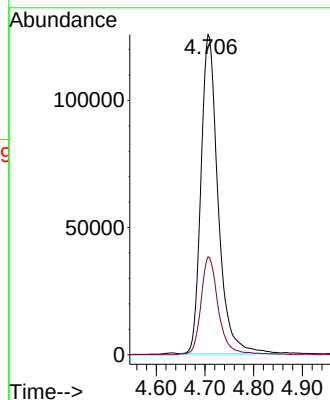
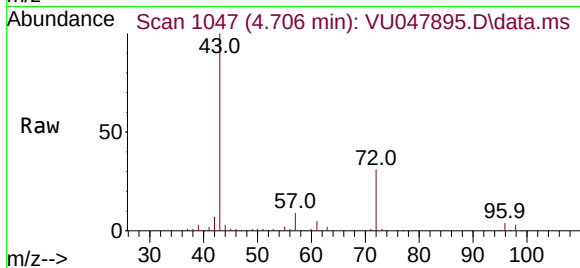
ClientSampleId :

Tgt Ion: 43 Resp: 306632

Ion Ratio Lower Upper

43 100

72 30.7 16.0 47.9



#23

Bromochloromethane

Concen: 57.866 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Tgt Ion: 128 Resp: 97386

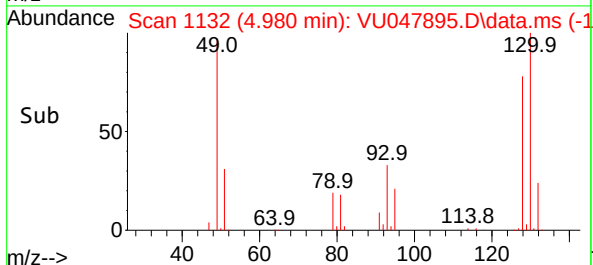
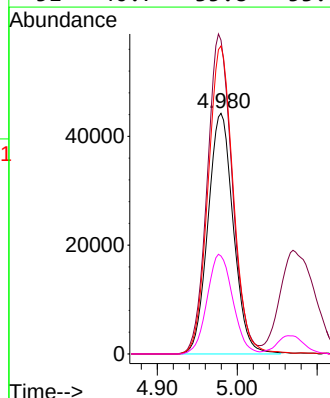
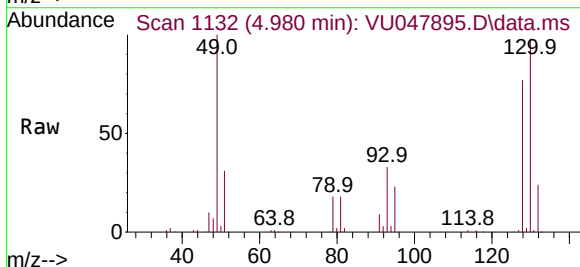
Ion Ratio Lower Upper

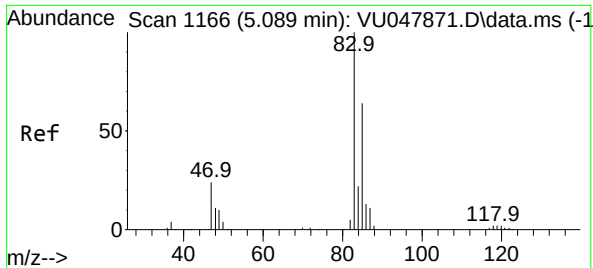
128 100

49 130.4 94.1 174.8

130 128.0 90.2 167.4

51 40.7 35.8 53.6





#25

Chloroform

Concen: 56.778 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

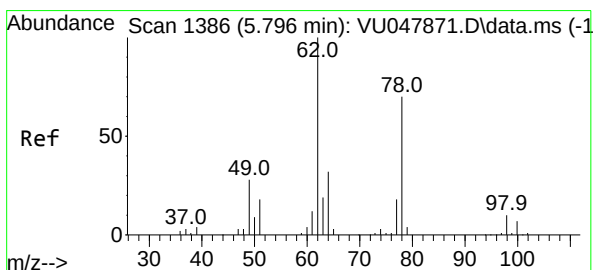
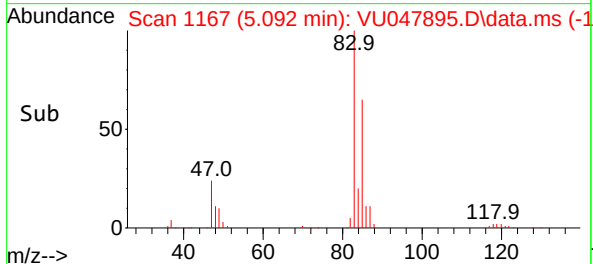
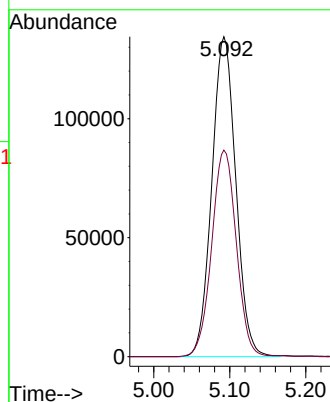
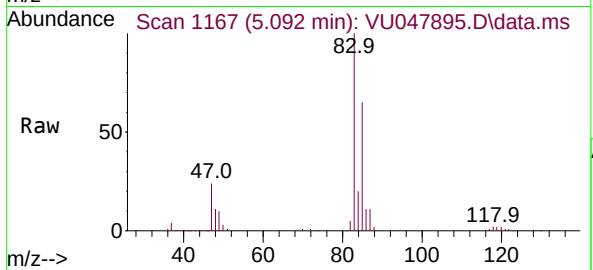
ClientSampleId :

Tgt Ion: 83 Resp: 294766

Ion Ratio Lower Upper

83 100

85 64.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 56.071 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047895.D

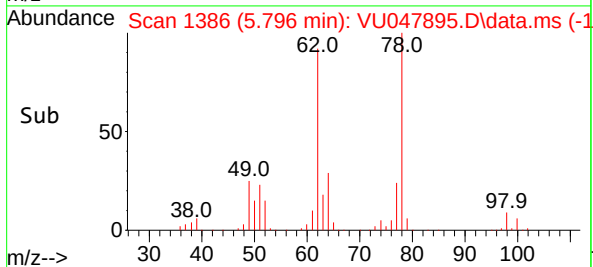
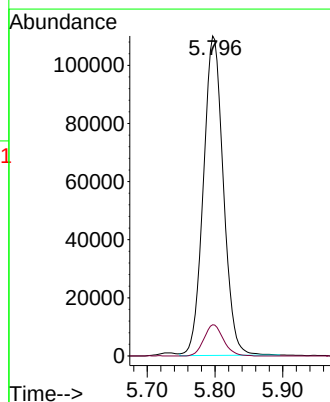
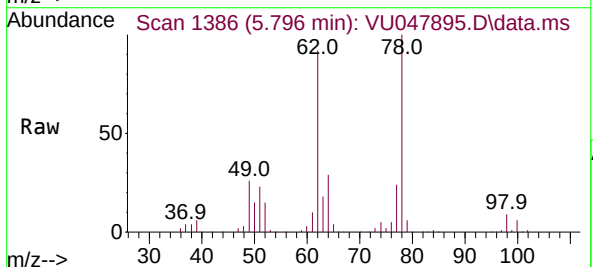
Acq: 11 Apr 2022 09:45

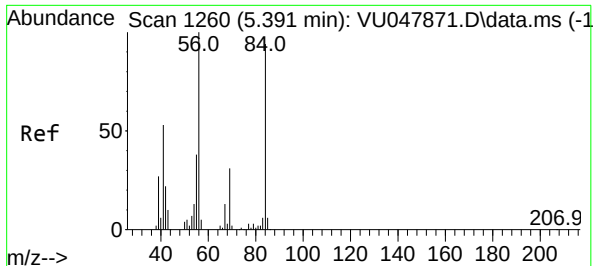
Tgt Ion: 62 Resp: 224896

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 55.788 ug/L

RT: 5.394 min Scan# 1260

Delta R.T. 0.003 min

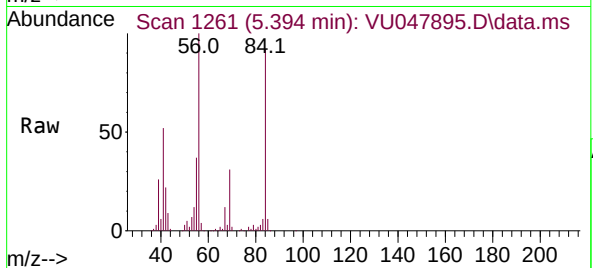
Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :



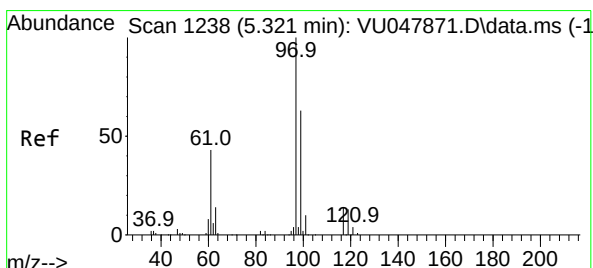
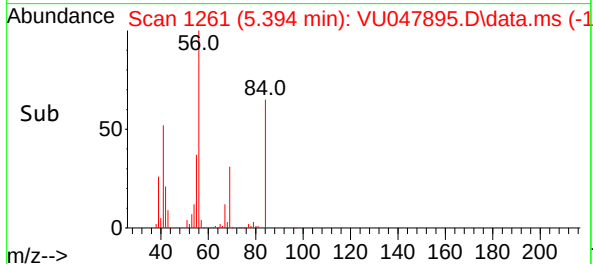
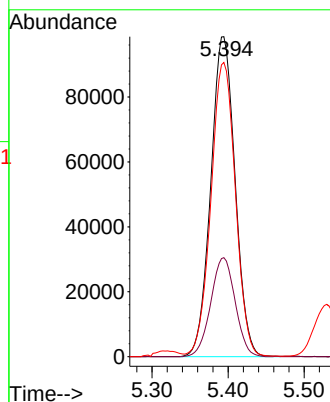
Tgt Ion: 56 Resp: 218647

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 92.5 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 56.961 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

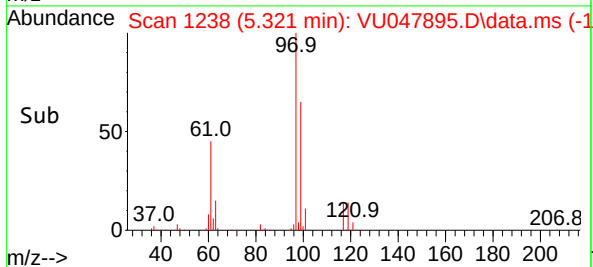
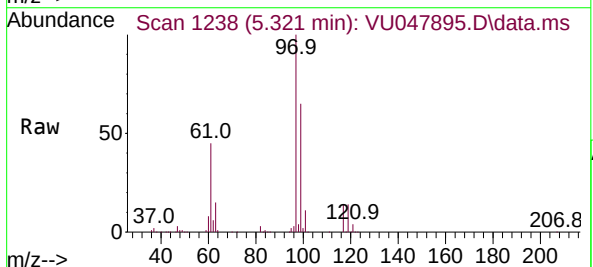
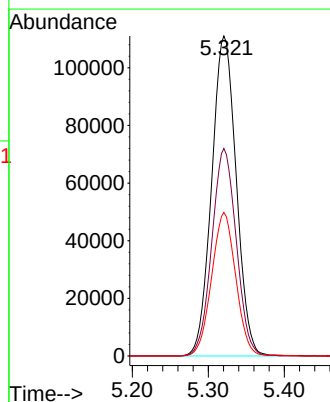
Tgt Ion: 97 Resp: 249464

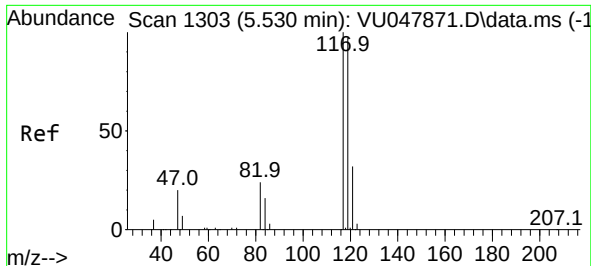
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

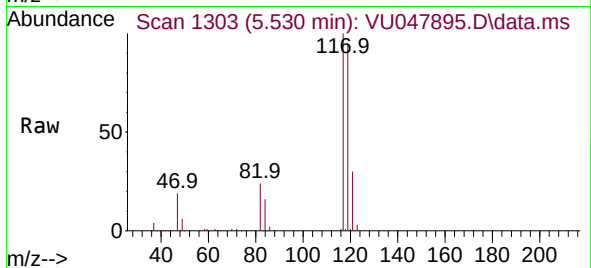
61 44.0 34.2 51.4



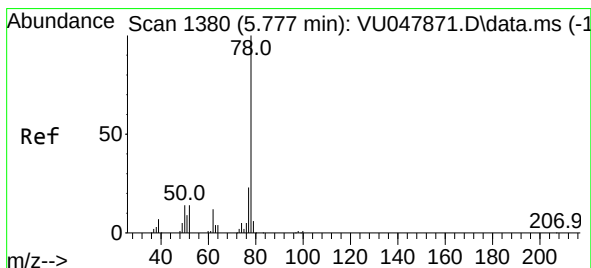
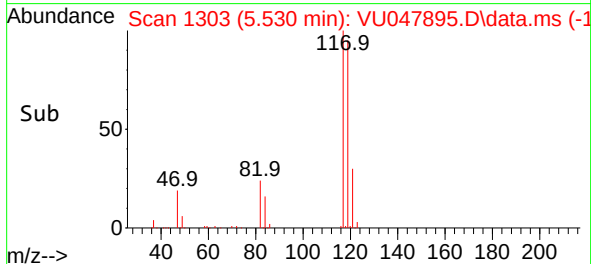
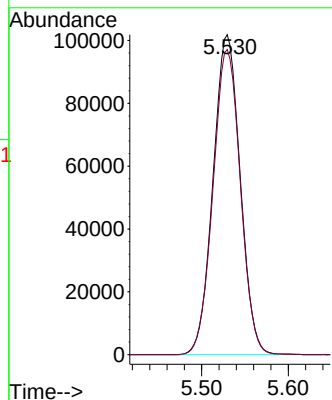


#31
Carbon tetrachloride
Concen: 55.950 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :

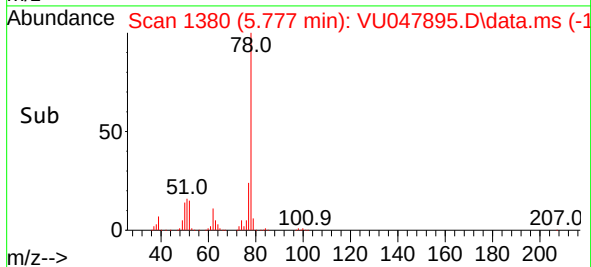
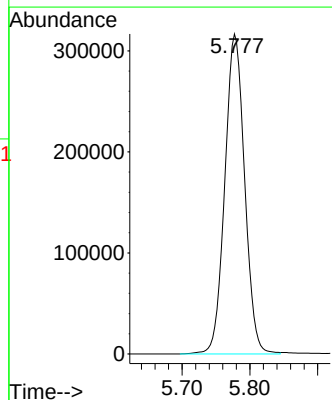
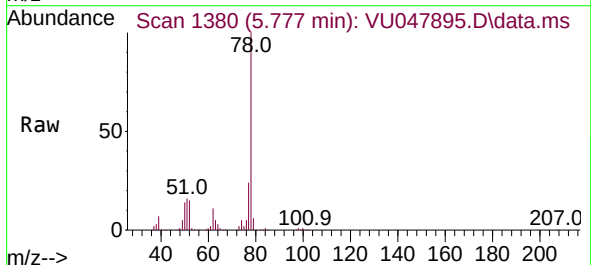


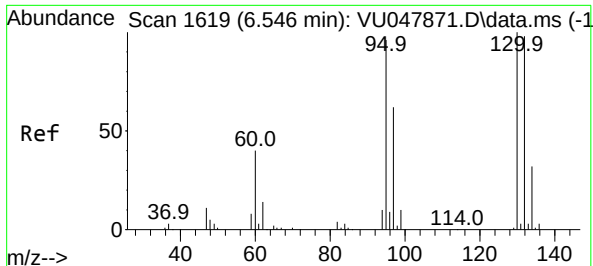
Tgt Ion:117 Resp: 221267
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8



#33
Benzene
Concen: 57.520 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 78 Resp: 643055

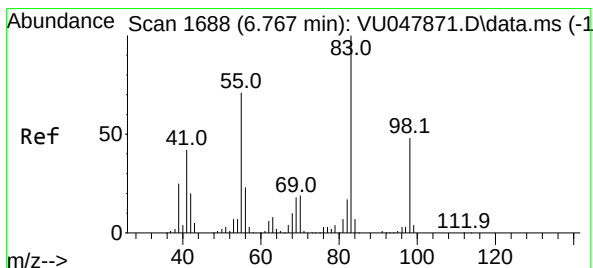
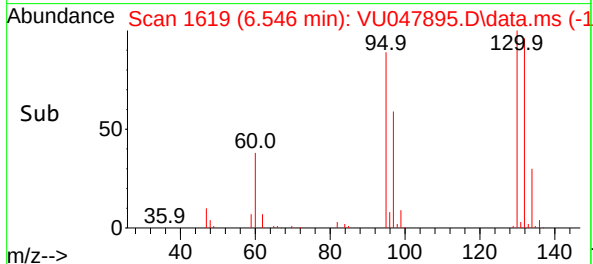
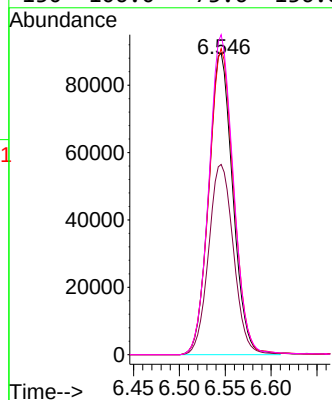
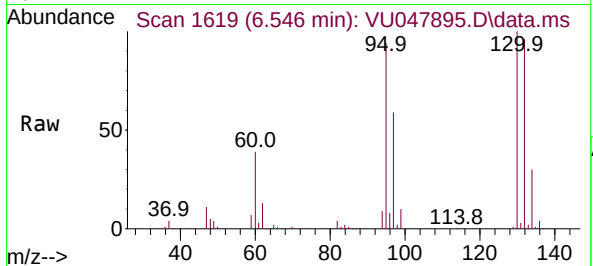




#34
Trichloroethene
Concen: 56.082 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

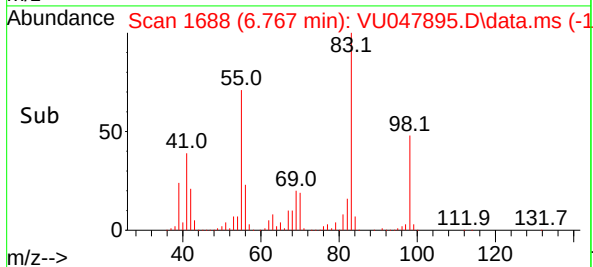
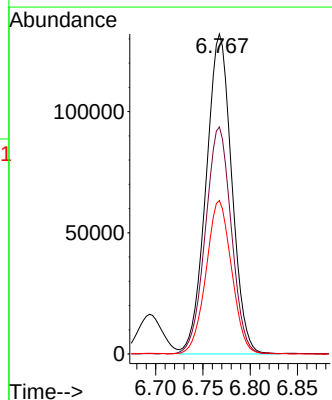
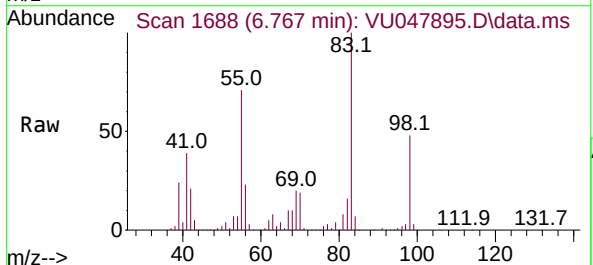
Instrument :
MSVOA_U
ClientSampleId :

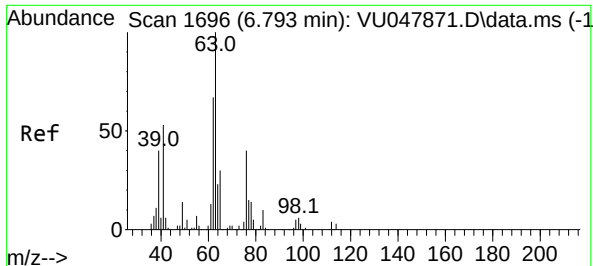
Tgt Ion: 95 Resp: 164376
Ion Ratio Lower Upper
95 100
97 63.0 44.7 82.9
132 101.4 70.4 130.8
130 106.0 73.6 136.8



#35
Methylcyclohexane
Concen: 55.960 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 83 Resp: 249527
Ion Ratio Lower Upper
83 100
55 71.4 56.8 85.2
98 47.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 58.892 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

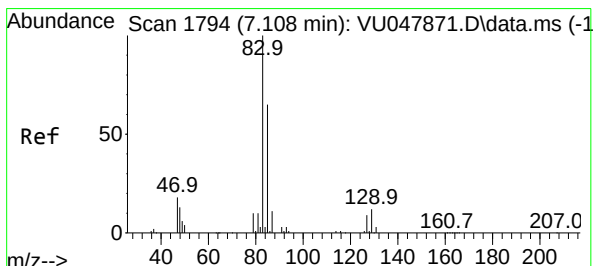
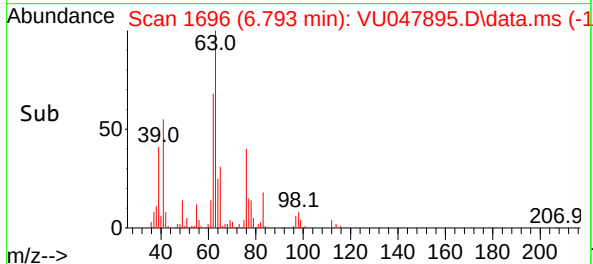
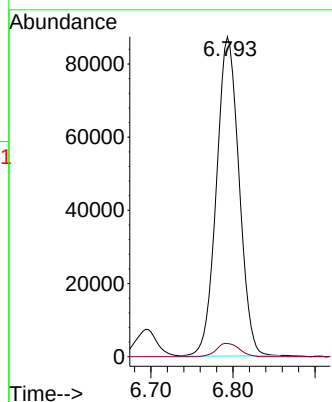
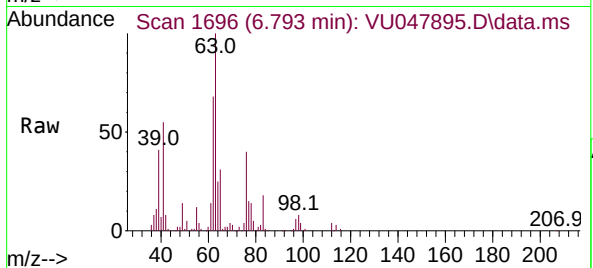
ClientSampleId :

Tgt Ion: 63 Resp: 167374

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 57.906 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

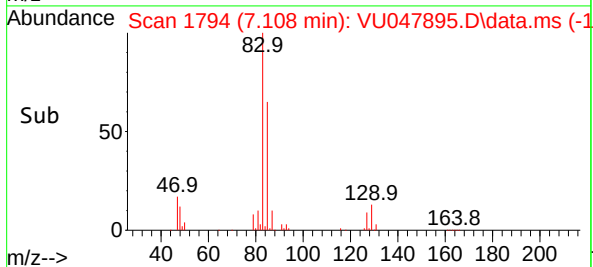
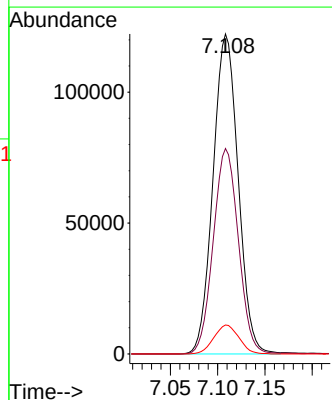
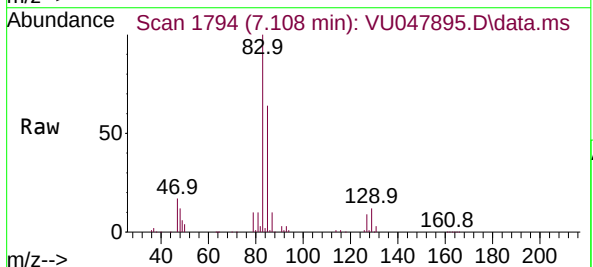
Tgt Ion: 83 Resp: 225994

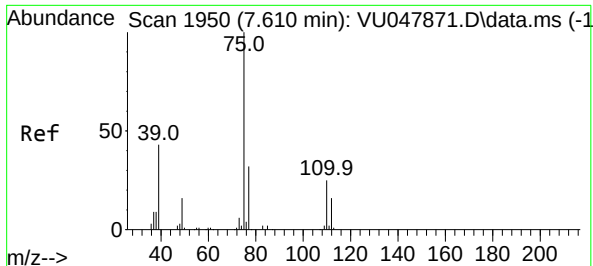
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 56.404 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

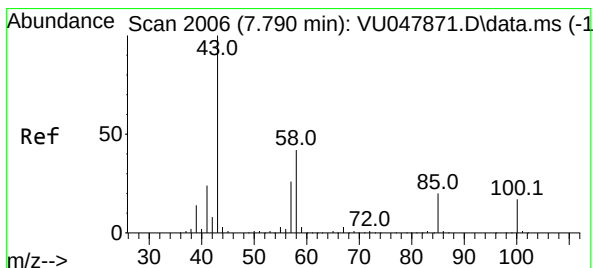
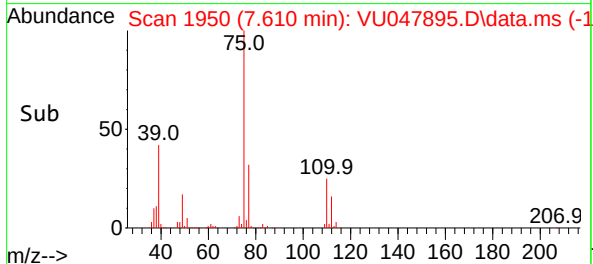
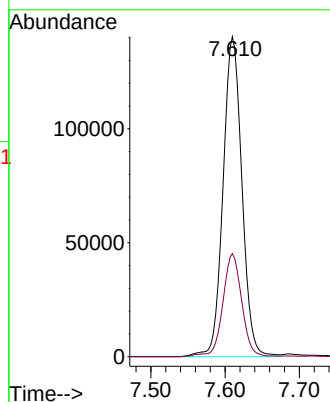
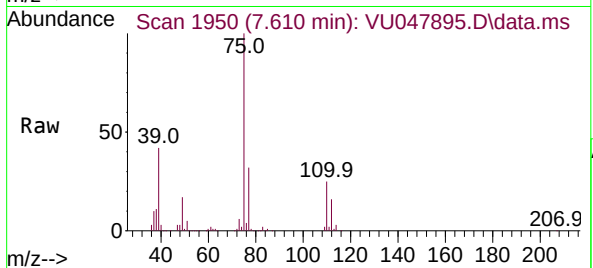
ClientSampleId :

Tgt Ion: 75 Resp: 248731

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 106.233 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

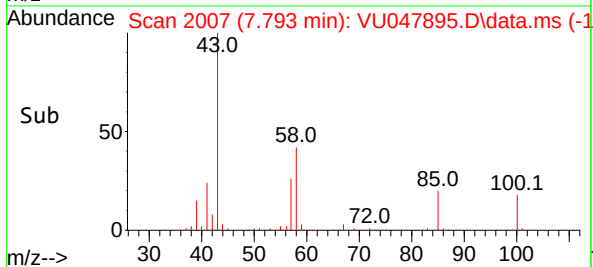
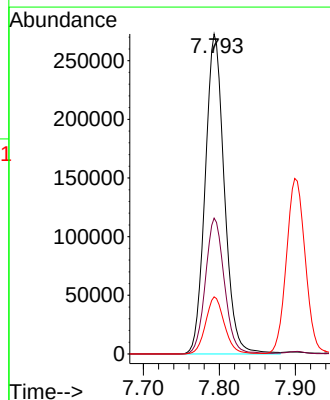
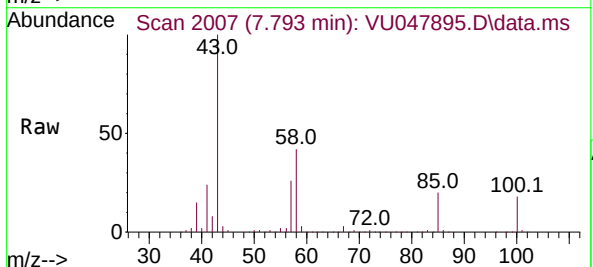
Tgt Ion: 43 Resp: 477184

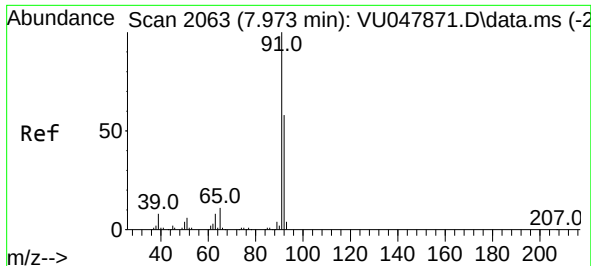
Ion Ratio Lower Upper

43 100

58 42.2 34.7 52.1

100 17.5 14.2 21.2





#42

Toluene

Concen: 57.577 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

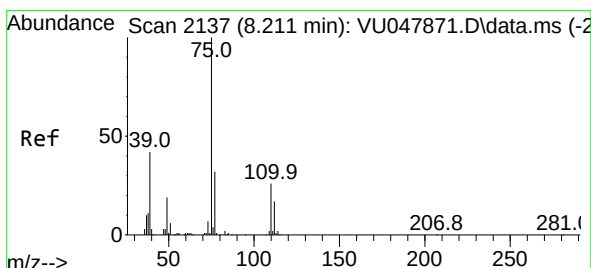
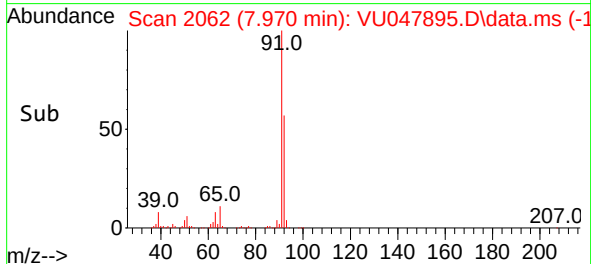
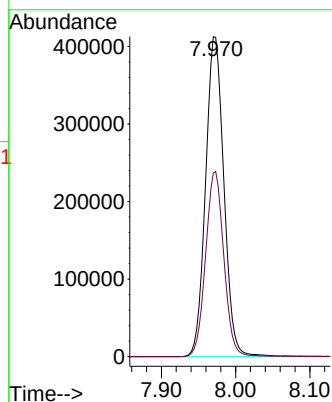
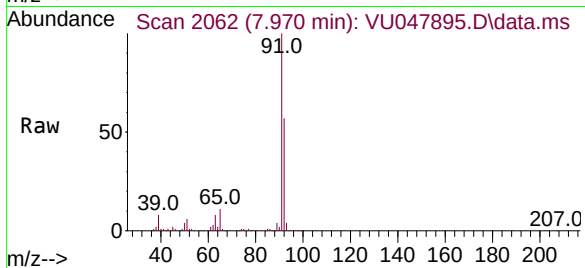
ClientSampleId :

Tgt Ion: 91 Resp: 706282

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 56.620 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047895.D

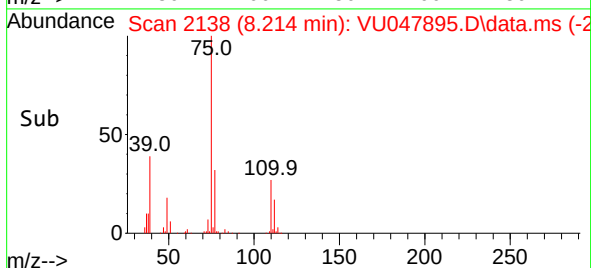
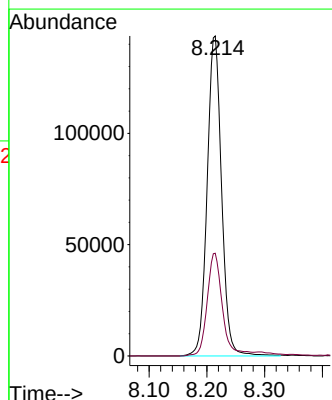
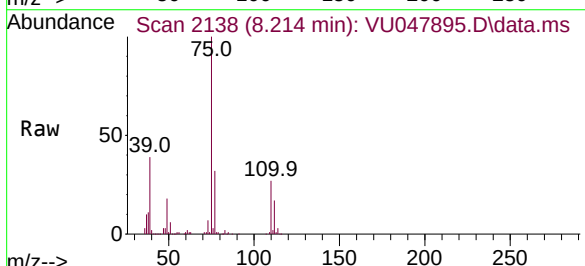
Acq: 11 Apr 2022 09:45

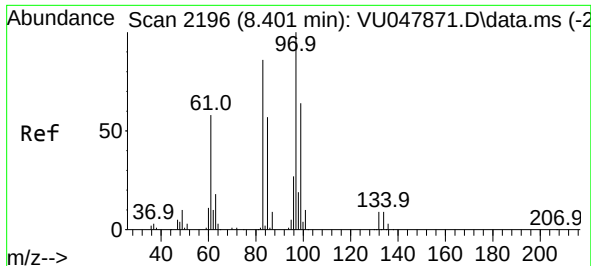
Tgt Ion: 75 Resp: 249298

Ion Ratio Lower Upper

75 100

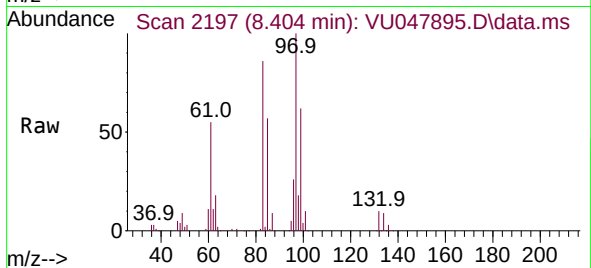
77 32.1 22.0 40.8



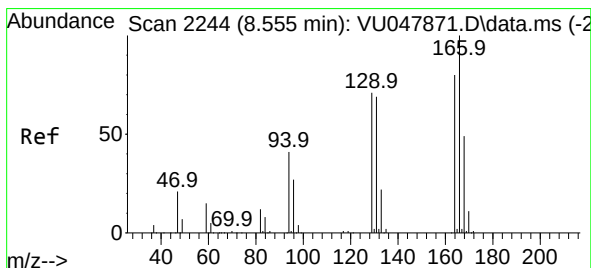
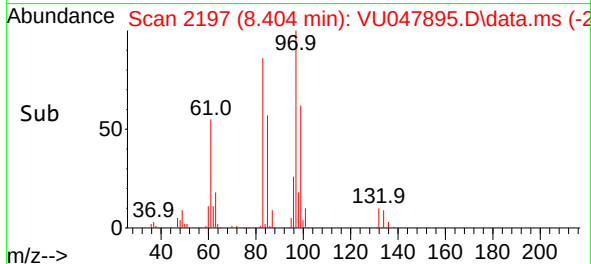
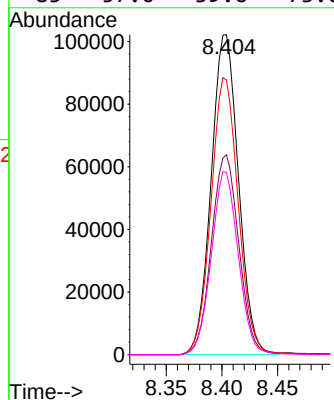


#45
1,1,2-Trichloroethane
Concen: 57.948 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Instrument :
MSVOA_U
ClientSampleId :

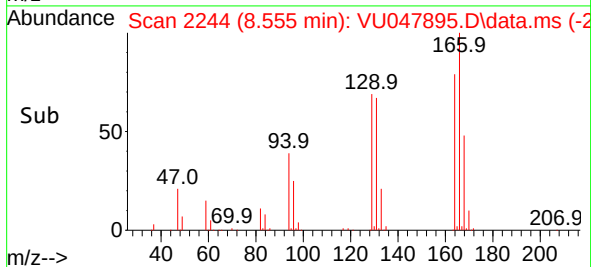
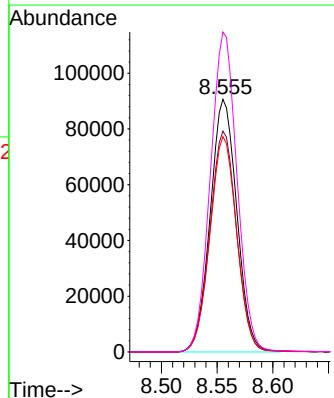
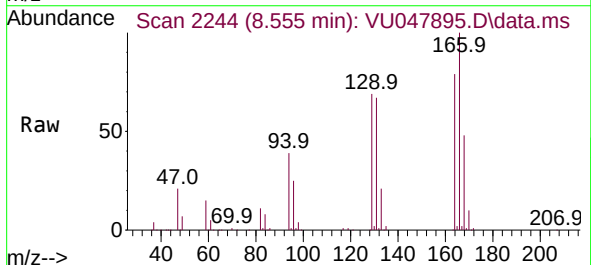


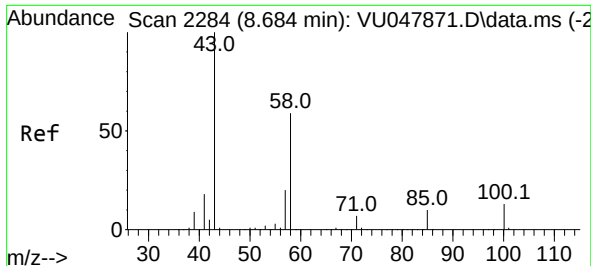
Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.3
83	85.9	61.0	113.4
85	57.0	39.6	73.6



#46
Tetrachloroethene
Concen: 57.189 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion	Ratio	Lower	Upper
164	100		
129	87.4	62.4	116.0
131	85.3	60.7	112.7
166	126.7	89.0	165.4

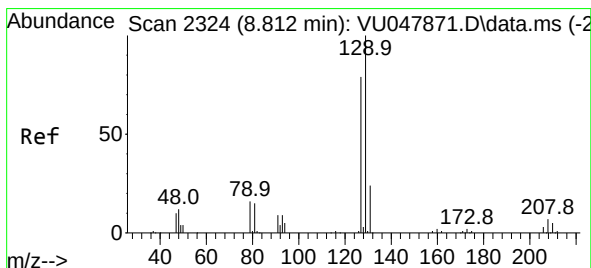
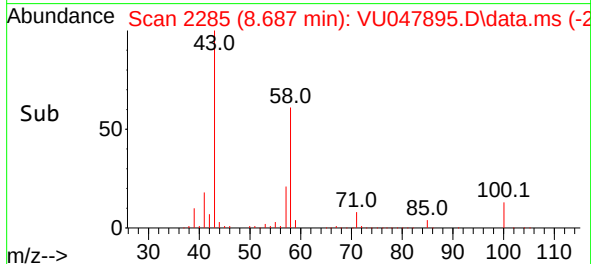
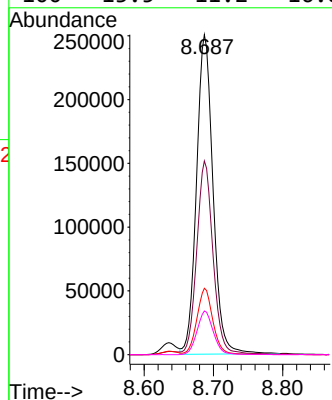
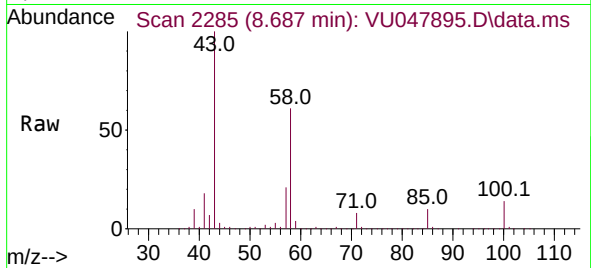




#48
2-Hexanone
Concen: 107.705 ug/L
RT: 8.687 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

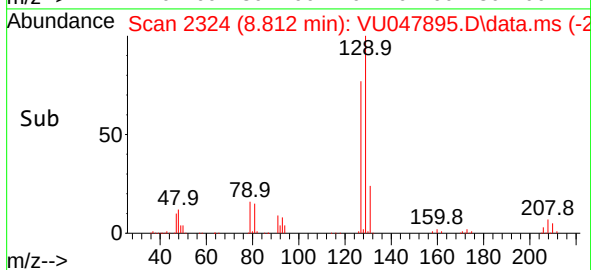
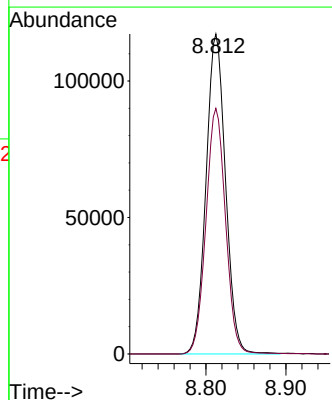
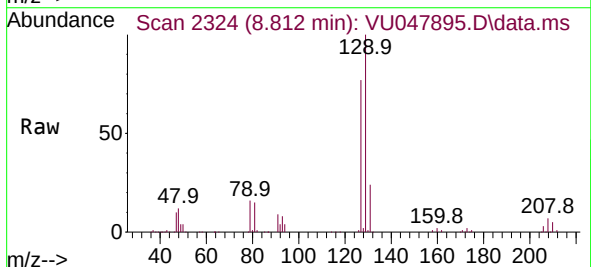
Instrument :
MSVOA_U
ClientSampleId :

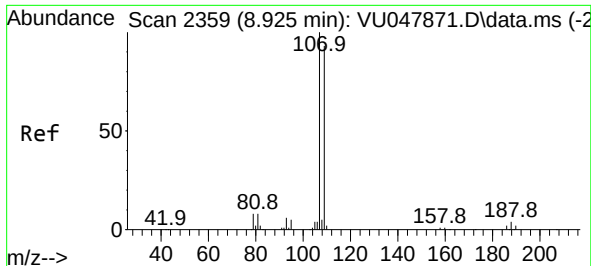
Tgt Ion: 43 Resp: 416152
Ion Ratio Lower Upper
43 100
58 59.0 48.1 72.1
57 20.0 16.2 24.4
100 13.5 11.2 16.8



#49
Dibromochloromethane
Concen: 56.926 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 129 Resp: 198736
Ion Ratio Lower Upper
129 100
127 76.8 54.2 100.6





#50

1,2-Dibromoethane

Concen: 56.294 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

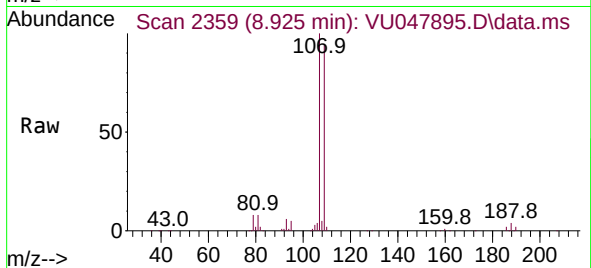
Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :



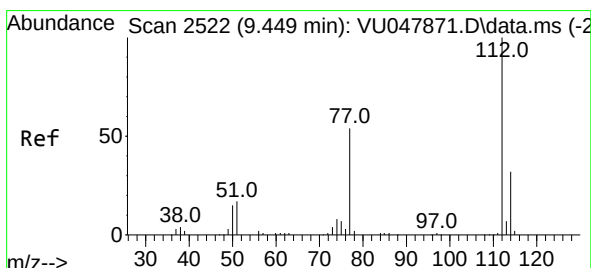
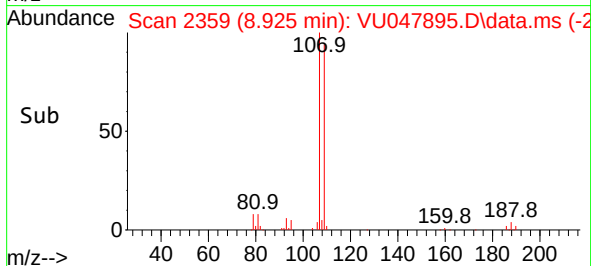
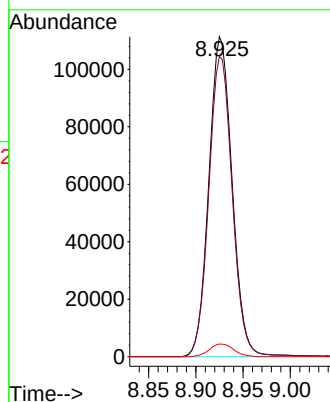
Tgt Ion:107 Resp: 190225

Ion Ratio Lower Upper

107 100

109 93.9 66.6 123.6

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 56.988 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

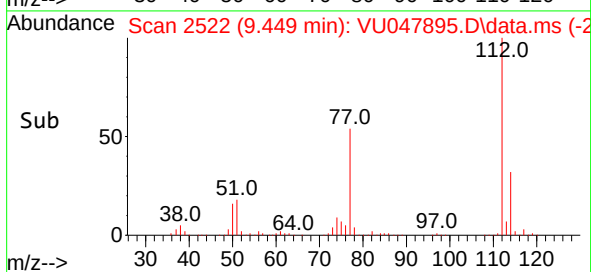
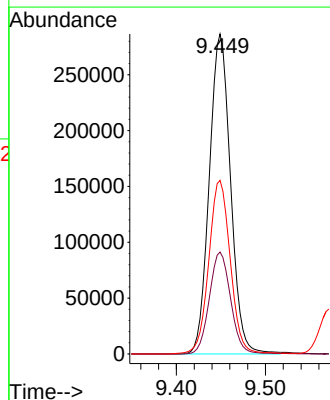
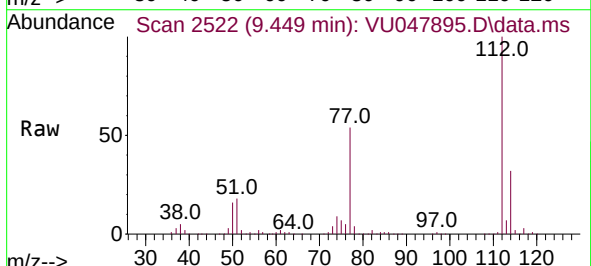
Tgt Ion:112 Resp: 474656

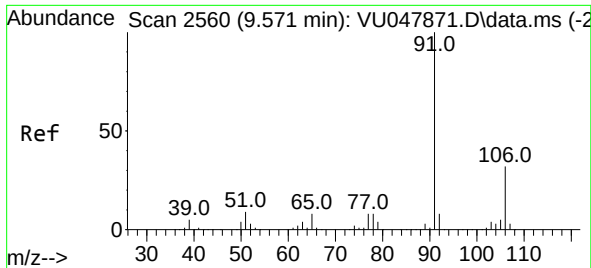
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 54.2 43.4 65.0

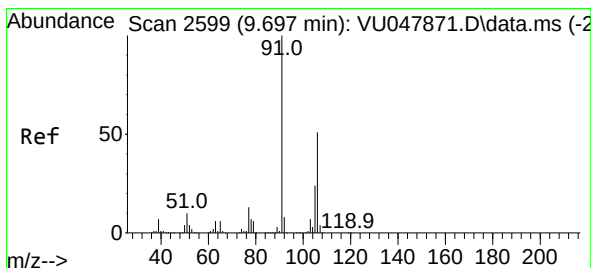
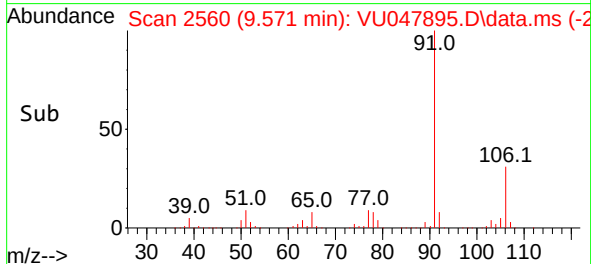
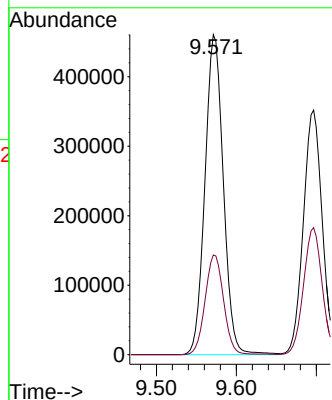
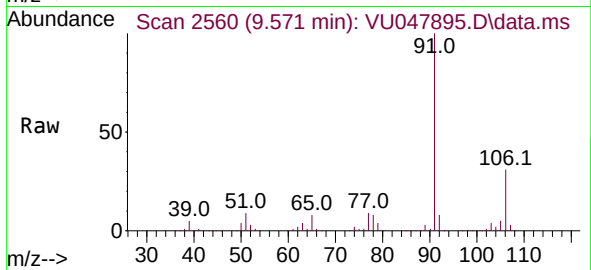




#52
Ethylbenzene
Concen: 57.244 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

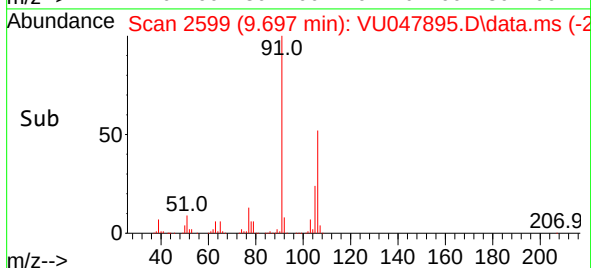
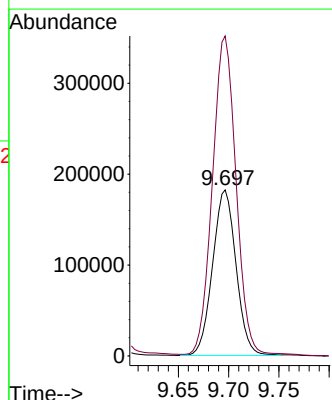
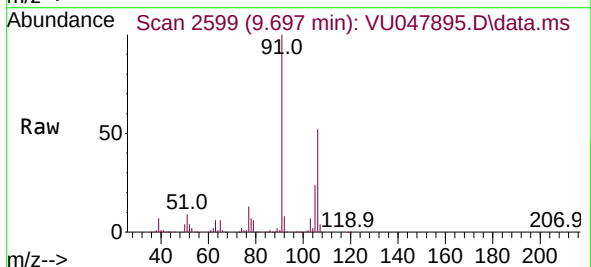
Instrument :
MSVOA_U
ClientSampleId :

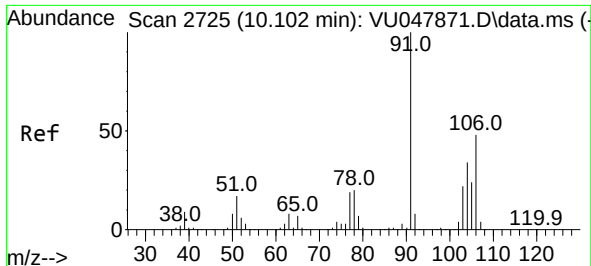
Tgt Ion: 91 Resp: 738341
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6



#53
m,p-Xylene
Concen: 58.335 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion: 106 Resp: 295231
Ion Ratio Lower Upper
106 100
91 192.6 137.7 255.7

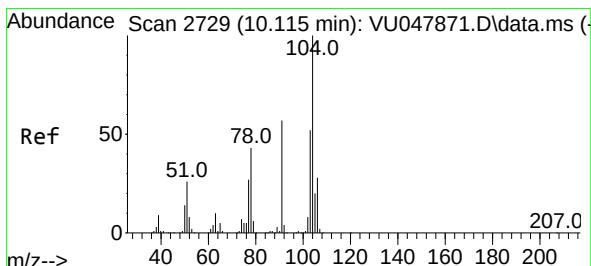
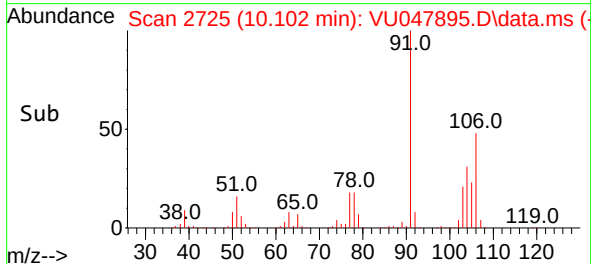
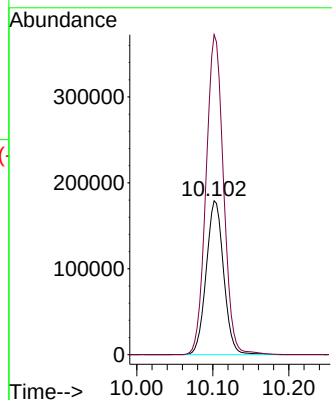
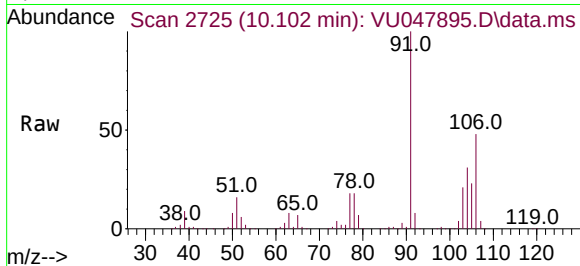




#54
o-Xylene
Concen: 57.541 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

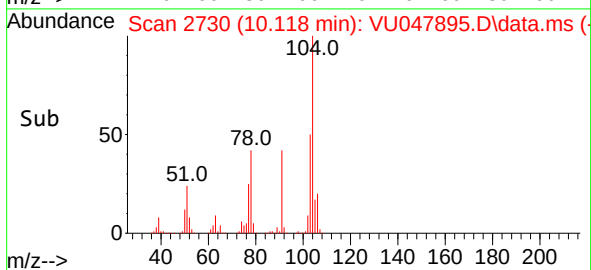
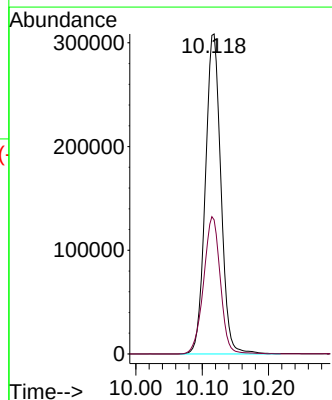
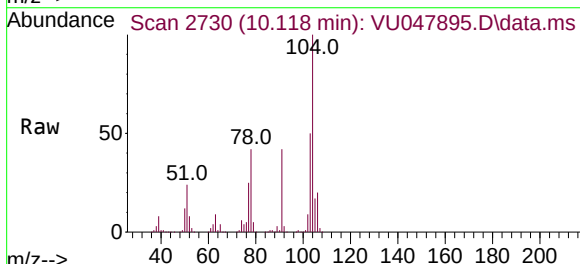
Instrument :
MSVOA_U
ClientSampleId :

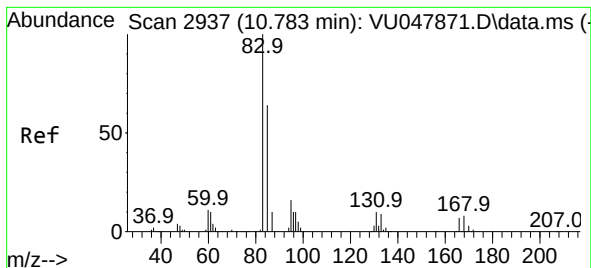
Tgt Ion:106 Resp: 285816
Ion Ratio Lower Upper
106 100
91 207.9 146.7 272.5



#55
Styrene
Concen: 59.173 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion:104 Resp: 501823
Ion Ratio Lower Upper
104 100
78 41.9 30.4 56.4

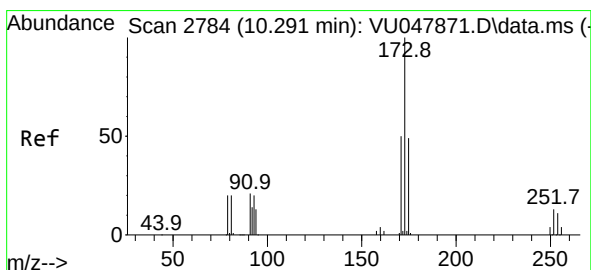
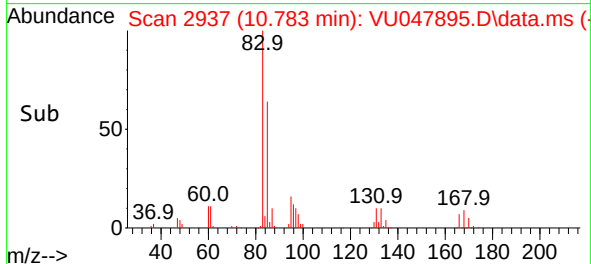
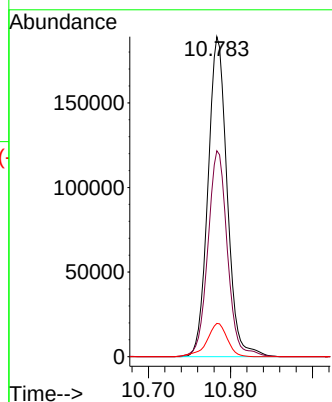
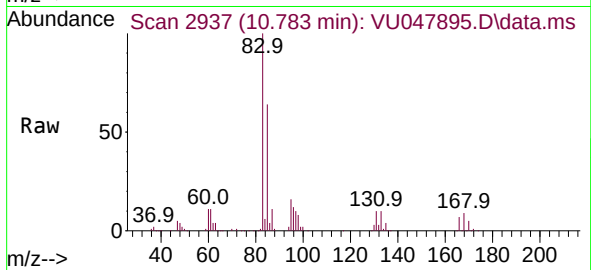




#57
1,1,2,2-Tetrachloroethane
Concen: 54.227 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

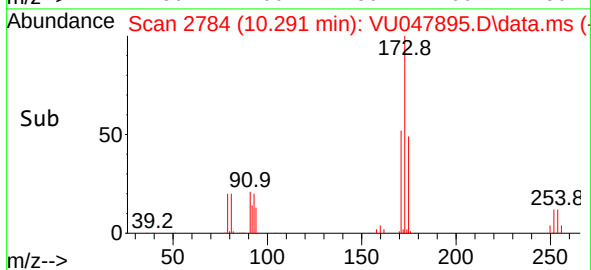
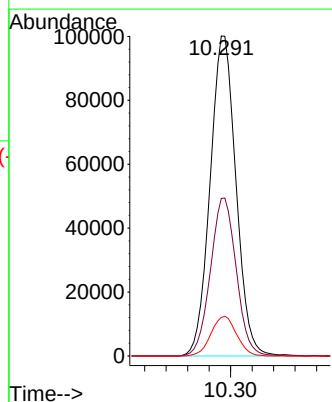
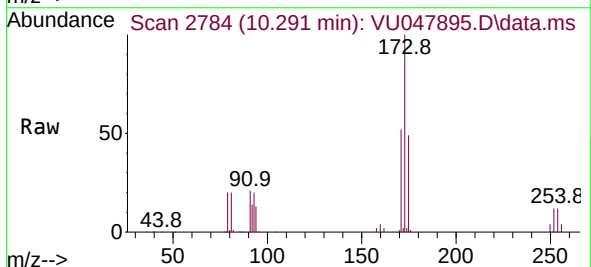
Instrument :
MSVOA_U
ClientSampleId :

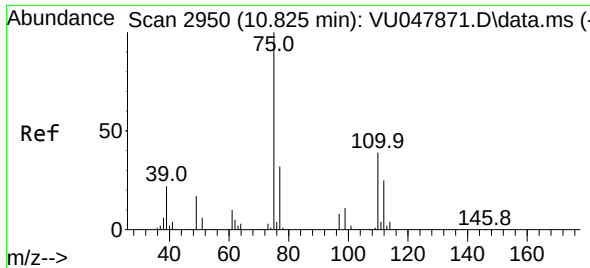
Tgt Ion: 83 Resp: 306427
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.3
131 10.4 8.6 13.0



#59
Bromoform
Concen: 55.329 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion:173 Resp: 167046
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 12.3 9.6 14.4

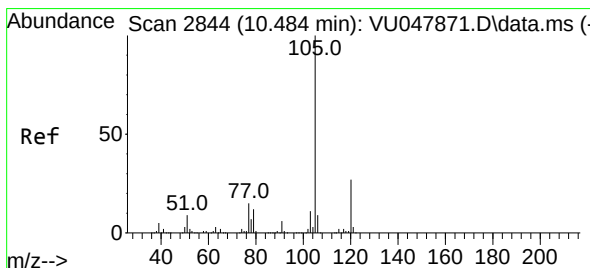
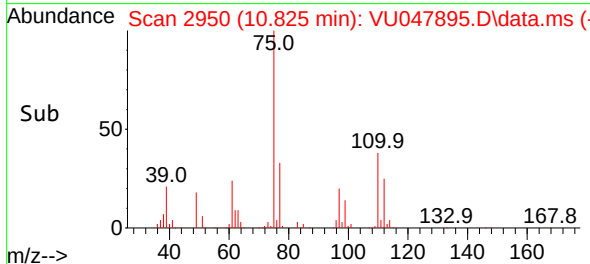
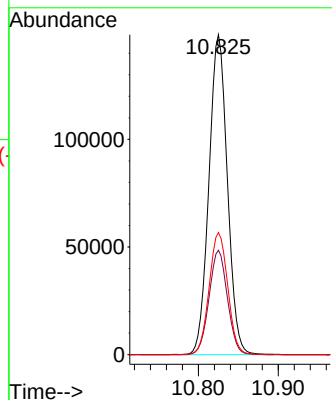
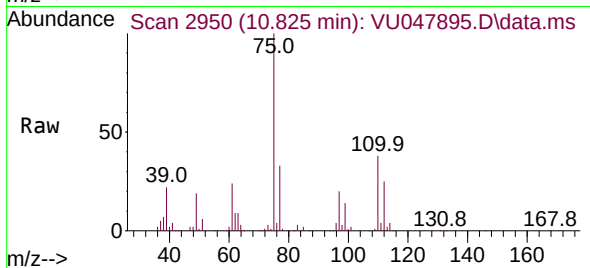




#60
1,2,3-Trichloropropane
Concen: 53.551 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

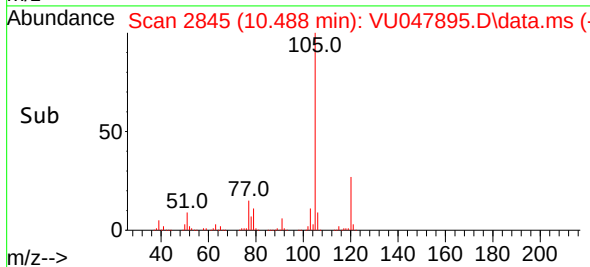
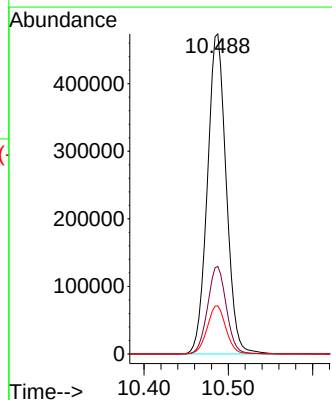
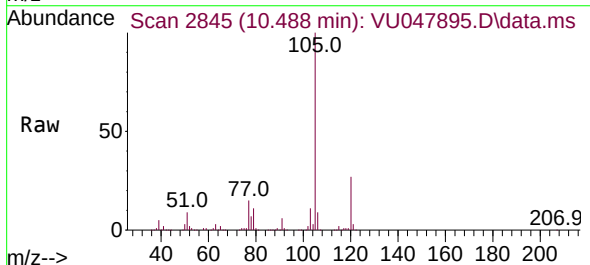
Instrument :
MSVOA_U
ClientSampleId :

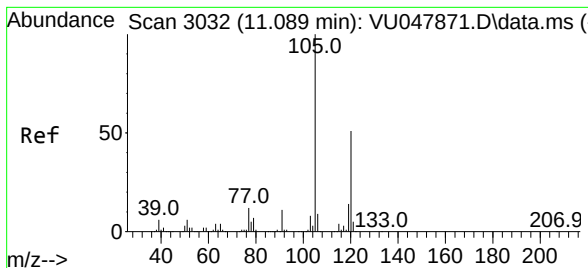
Tgt Ion: 75 Resp: 238354
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 38.6 31.4 47.2



#61
Isopropylbenzene
Concen: 57.624 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

Tgt Ion:105 Resp: 735304
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.1 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 55.601 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

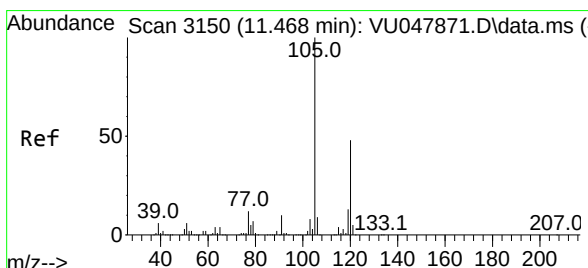
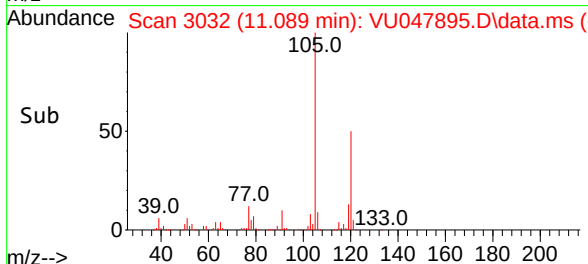
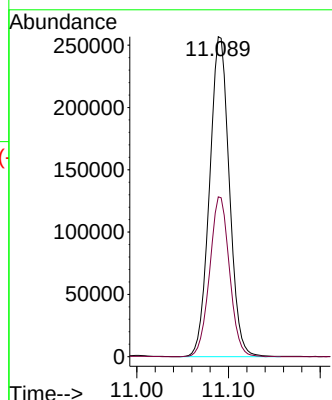
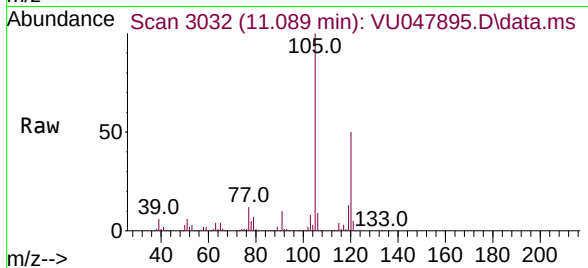
ClientSampleId :

Tgt Ion:105 Resp: 384950

Ion Ratio Lower Upper

105 100

120 50.0 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 57.199 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047895.D

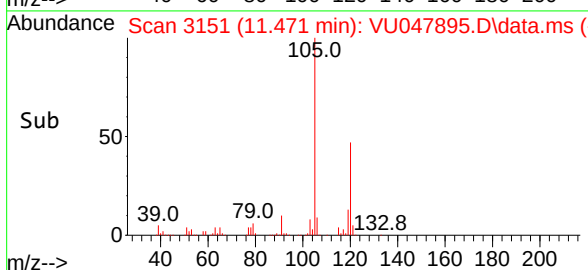
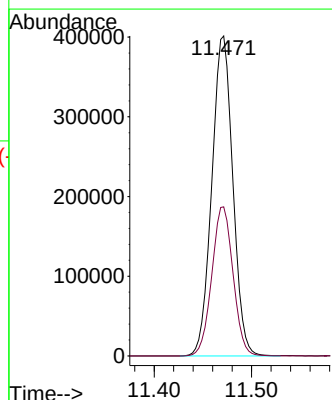
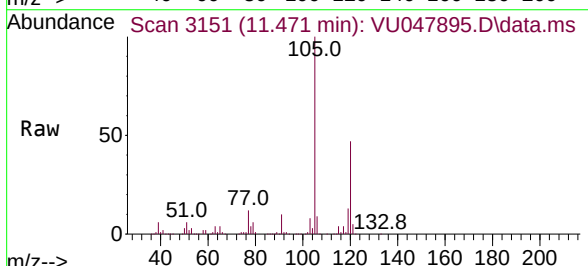
Acq: 11 Apr 2022 09:45

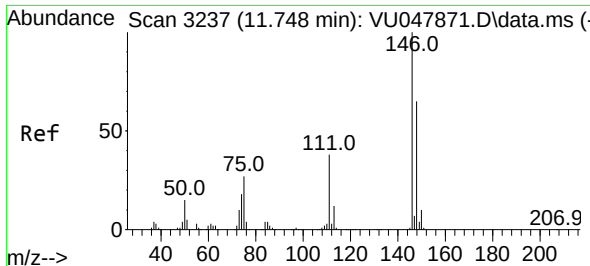
Tgt Ion:105 Resp: 601543

Ion Ratio Lower Upper

105 100

120 47.2 37.6 56.4

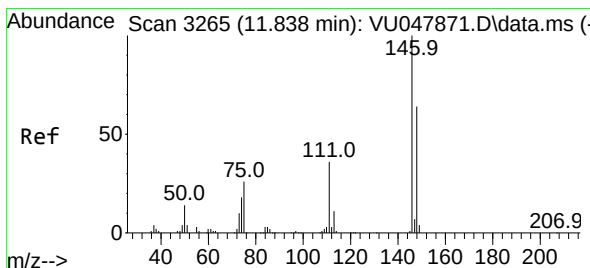
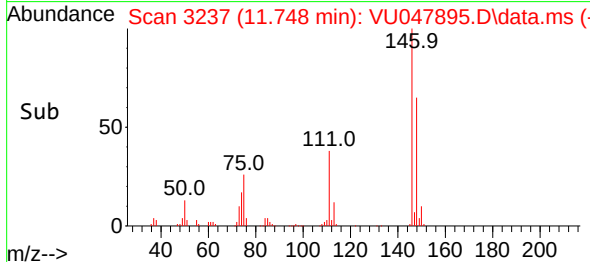
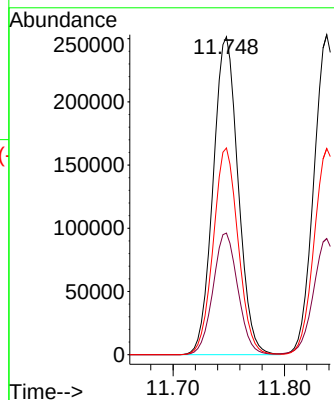
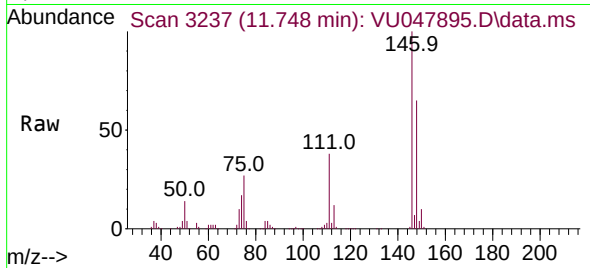




#64
 1,3-Dichlorobenzene
 Concen: 55.325 ug/L
 RT: 11.748 min Scan# 3237
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

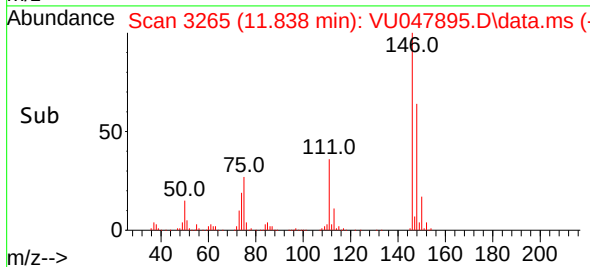
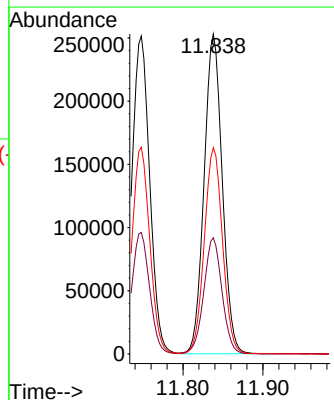
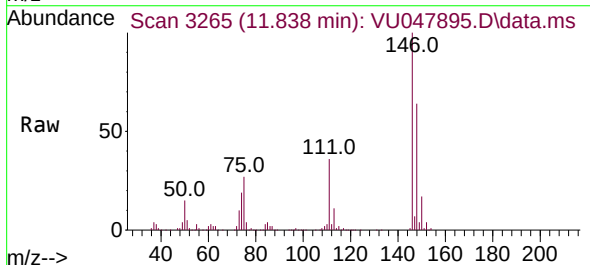
Instrument :
 MSVOA_U
 ClientSampleId :

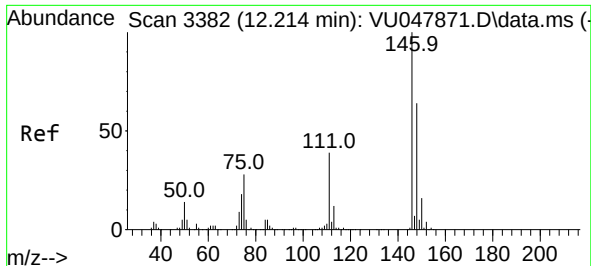
Tgt Ion:146 Resp: 392390
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.7 49.7
 148 65.0 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 54.423 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

Tgt Ion:146 Resp: 399809
 Ion Ratio Lower Upper
 146 100
 111 36.3 25.3 47.1
 148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.537 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

Instrument :

MSVOA_U

ClientSampleId :

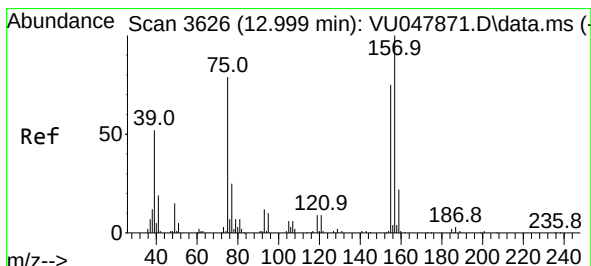
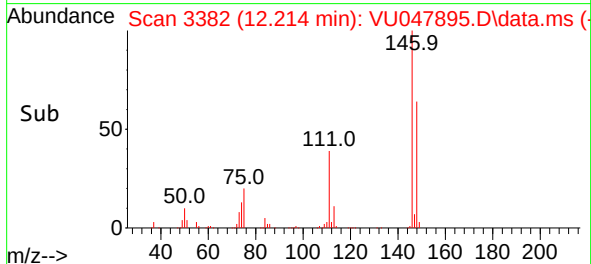
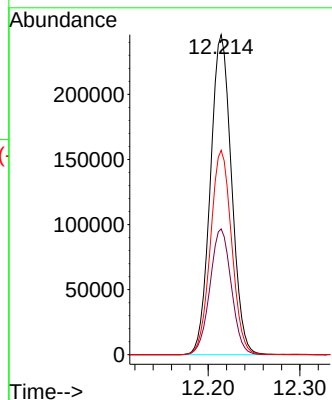
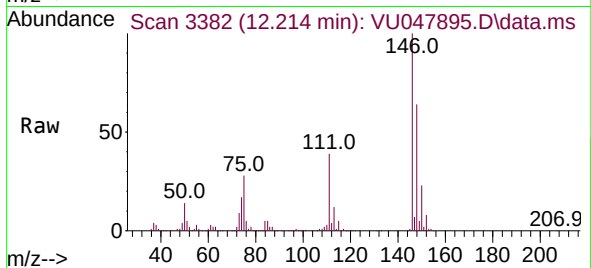
Tgt Ion:146 Resp: 394129

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 63.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.871 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU047895.D

Acq: 11 Apr 2022 09:45

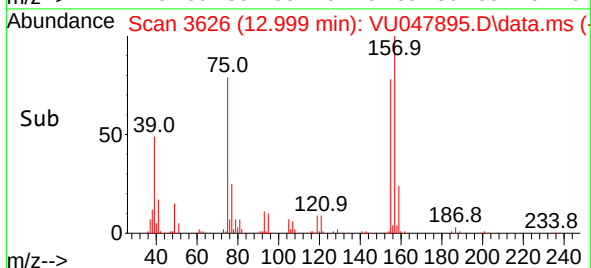
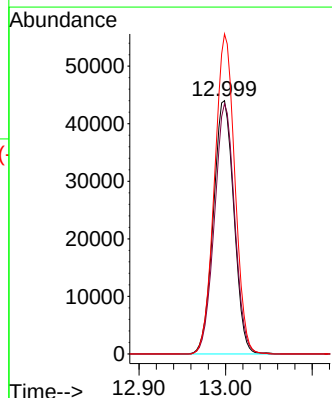
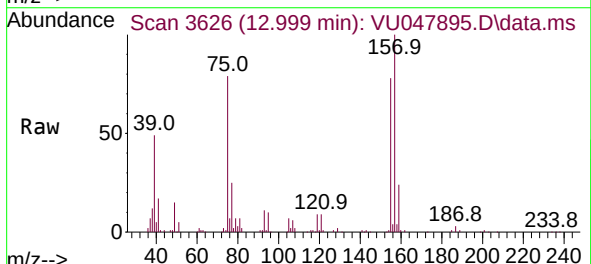
Tgt Ion: 75 Resp: 72530

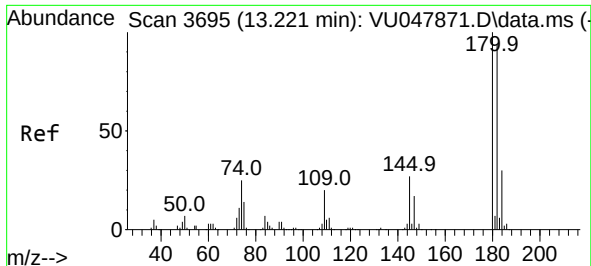
Ion Ratio Lower Upper

75 100

155 98.9 78.9 118.3

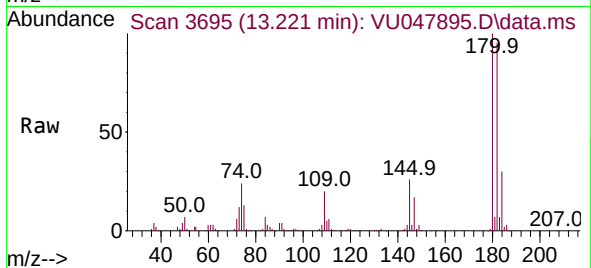
157 126.4 97.5 146.3



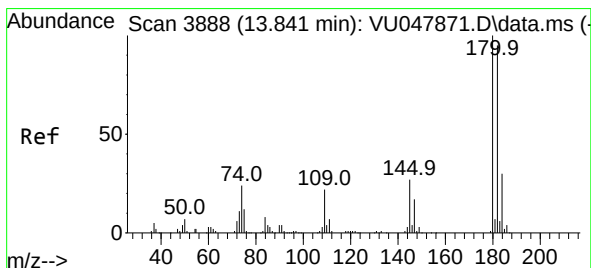
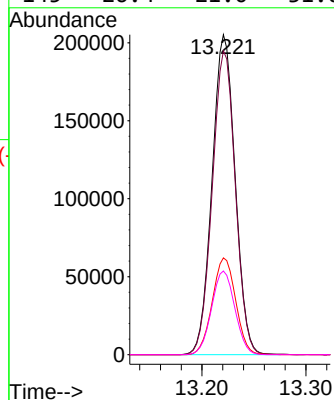
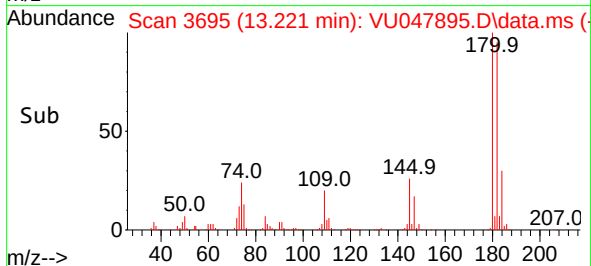


#69
 1,3,5-Trichlorobenzene
 Concen: 54.876 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45

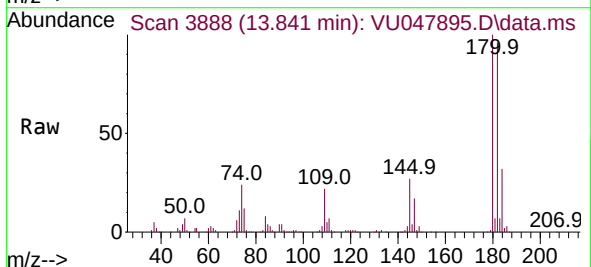
Instrument :
 MSVOA_U
 ClientSampleId :



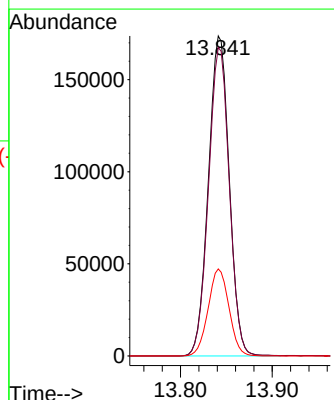
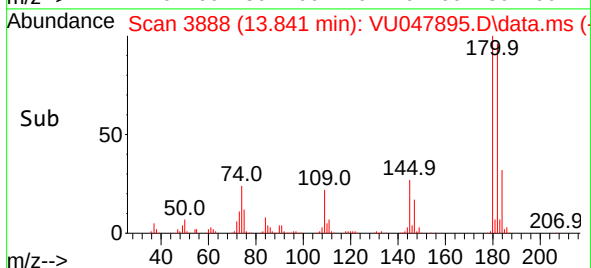
Tgt Ion:180 Resp: 316094
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.6
 184 30.7 24.5 36.7
 145 26.4 21.0 31.6

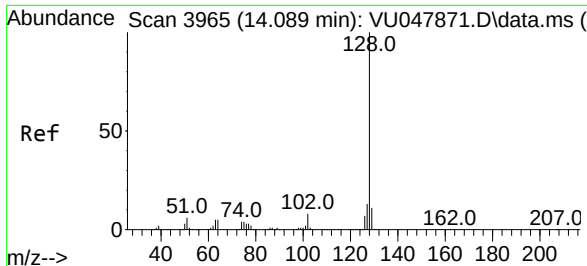


#70
 1,2,4-trichlorobenzene
 Concen: 54.411 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047895.D
 Acq: 11 Apr 2022 09:45



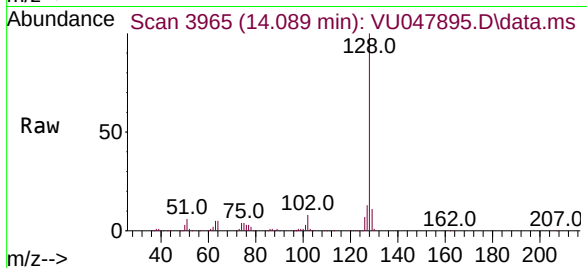
Tgt Ion:180 Resp: 274519
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.2
 145 27.1 21.8 32.8



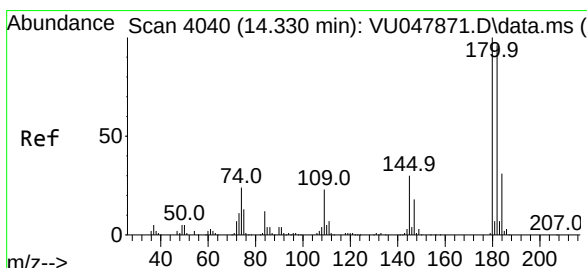
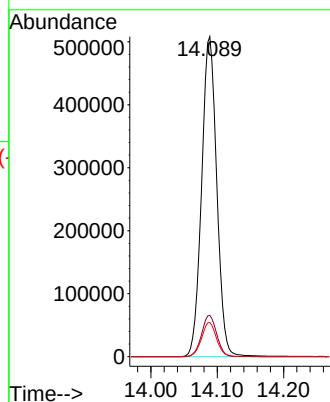
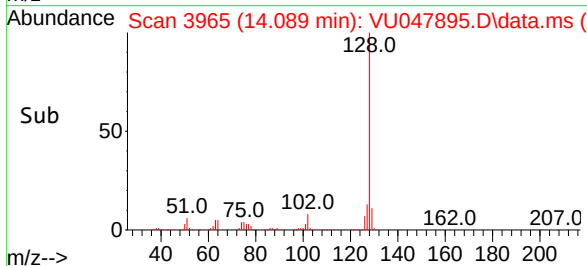


#71
Naphthalene
Concen: 53.571 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45

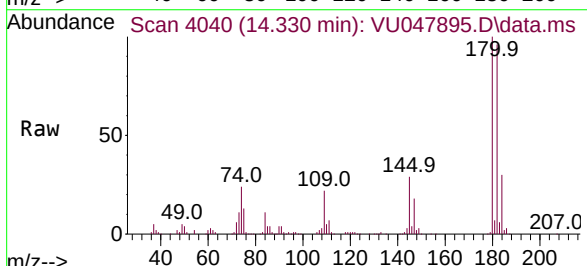
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 805824
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 56.378 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047895.D
Acq: 11 Apr 2022 09:45



Tgt Ion:180 Resp: 285152
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.0
145 28.6 22.8 34.2

