

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042822\
 Data File : U048346.D
 Acq On : 28 Apr 2022 17:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332897	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195649	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130123	42.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.020%			
7) Chloroethane-d5	1.903	69	117624	54.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.480%			
11) 1,1-Dichloroethene-d2	2.568	63	236052	48.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.260%			
21) 2-Butanone-d5	4.623	46	271916	104.145	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.140%			
24) Chloroform-d	5.063	84	289502	52.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.280%			
26) 1,2-Dichloroethane-d4	5.703	65	178374	54.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.280%			
32) Benzene-d6	5.729	84	586710	55.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.940%			
36) 1,2-Dichloropropane-d6	6.690	67	190991	55.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.220%			
41) Toluene-d8	7.899	98	548696	57.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.500%			
43) trans-1,3-Dichloroprop...	8.179	79	86957	56.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.740%			
47) 2-Hexanone-d5	8.635	63	214151	114.542	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.540%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	329034	54.139	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.280%			
66) 1,2-Dichlorobenzene-d4	12.195	152	238619	54.217	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	117063	46.538	ug/L	99
3) Chloromethane	1.523	50	126006	43.765	ug/L	100
5) Vinyl chloride	1.607	62	138082	47.592	ug/L	95
6) Bromomethane	1.845	94	62284	46.710	ug/L	98
8) Chloroethane	1.925	64	94170	57.403	ug/L	99
9) Trichlorofluoromethane	2.134	101	205583	54.372	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	131427	52.408	ug/L	98
12) 1,1-Dichloroethene	2.578	96	110916	50.670	ug/L	87
13) Acetone	2.629	43	153788	91.749	ug/L	99
14) Carbon disulfide	2.793	76	242596	45.473	ug/L	100
15) Methyl Acetate	2.948	43	168439	50.623	ug/L	97
16) Methylene chloride	3.047	84	146221	51.812	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	119427	52.518	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	438536	58.448	ug/L	99
19) 1,1-Dichloroethane	3.870	63	253506	53.310	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	154157	56.239	ug/L	94
22) 2-Butanone	4.703	43	252565	101.898	ug/L	96
23) Bromochloromethane	4.976	128	85245	55.702	ug/L	96
25) Chloroform	5.089	83	270897	55.788	ug/L	99

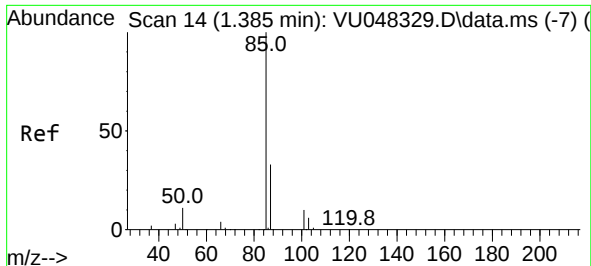
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	201571	56.910	ug/L	97
29) Cyclohexane	5.391	56	174028	55.420	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	222882	59.303	ug/L	99
31) Carbon tetrachloride	5.526	117	186531	58.231	ug/L	99
33) Benzene	5.774	78	565729	57.493	ug/L	100
34) Trichloroethene	6.542	95	138286	57.335	ug/L	99
35) Methylcyclohexane	6.764	83	193869	57.253	ug/L	98
37) 1,2-Dichloropropane	6.790	63	158284	56.537	ug/L	99
38) Bromodichloromethane	7.105	83	204476	57.834	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	227083	57.683	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	484891	114.832	ug/L	99
42) Toluene	7.970	91	611405	59.182	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	220678	57.380	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	166997	56.854	ug/L	99
46) Tetrachloroethene	8.555	164	116846	56.448	ug/L	99
48) 2-Hexanone	8.687	43	407299	115.508	ug/L	100
49) Dibromochloromethane	8.809	129	179589	55.640	ug/L	98
50) 1,2-Dibromoethane	8.925	107	170716	57.313	ug/L	99
51) Chlorobenzene	9.446	112	411805	55.301	ug/L	100
52) Ethylbenzene	9.571	91	631083	58.985	ug/L	100
53) m,p-Xylene	9.693	106	252091	59.708	ug/L	99
54) o-Xylene	10.102	106	256410	60.284	ug/L	100
55) Styrene	10.115	104	430575	59.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	326014	56.237	ug/L	98
59) Bromoform	10.291	173	150422	52.977	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	244224	53.508	ug/L	99
61) Isopropylbenzene	10.484	105	649761	59.397	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	342002	59.316	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	535955	60.461	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	334685	54.571	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	330096	52.721	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	360017	55.724	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	67200	55.153	ug/L	92
69) 1,3,5-Trichlorobenzene	13.220	180	253830	55.698	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	208772	57.987	ug/L	99
71) Naphthalene	14.085	128	634350	61.567	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	219568	59.508	ug/L	99

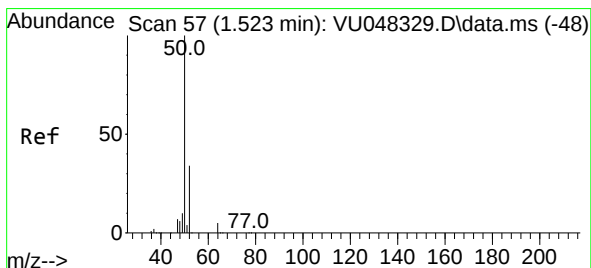
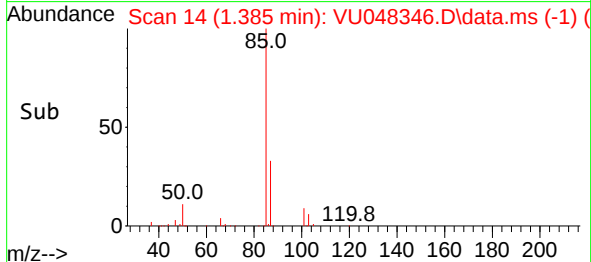
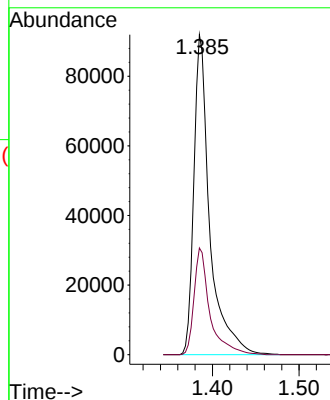
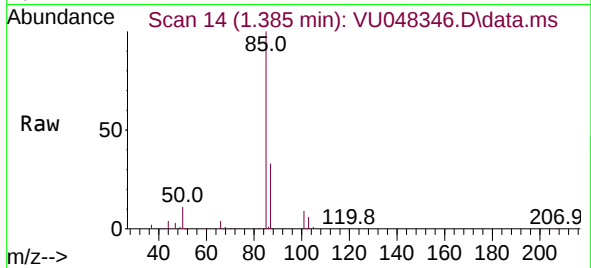
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 46.538 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

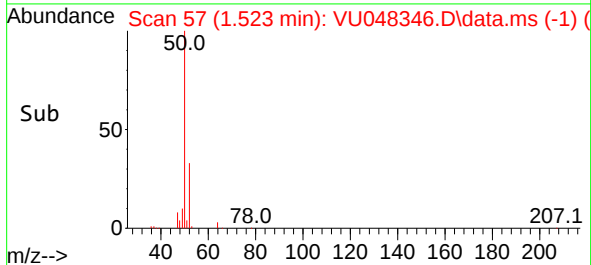
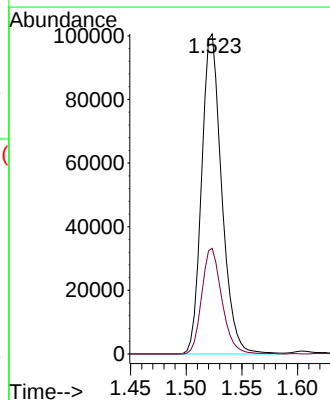
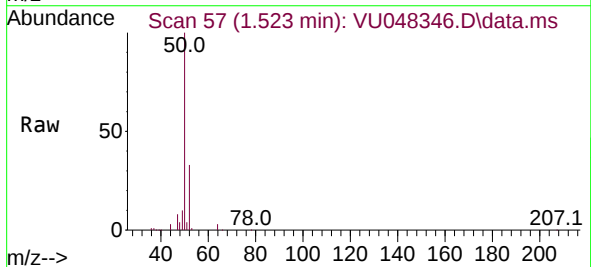
Instrument :
 MSVOA_U
 ClientSampleId :

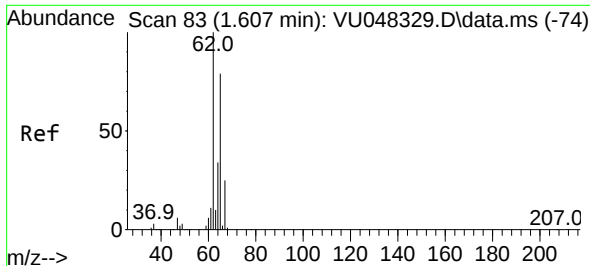
Tgt Ion: 85 Resp: 117063
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.1 39.1



#3
 Chloromethane
 Concen: 43.765 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

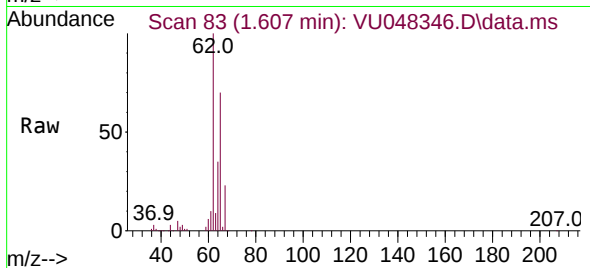
Tgt Ion: 50 Resp: 126006
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2



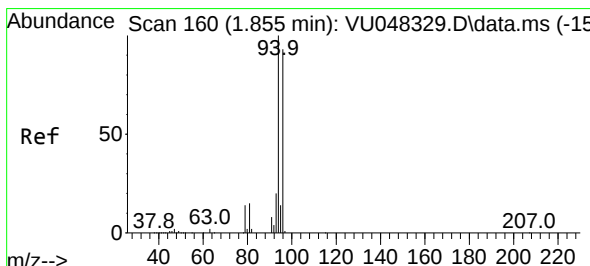
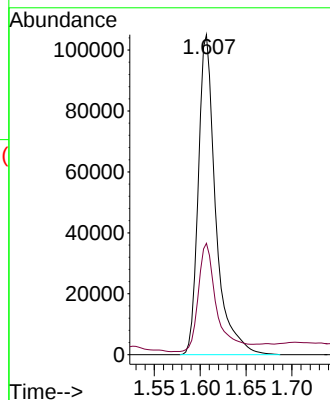
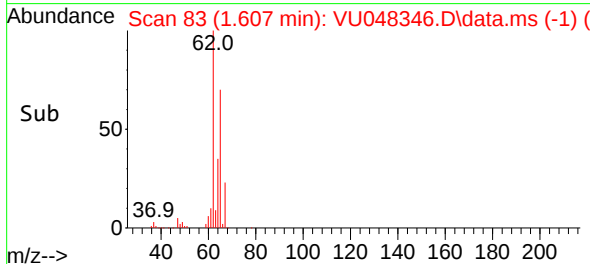


#5
 Vinyl chloride
 Concen: 47.592 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

Instrument :
 MSVOA_U
 ClientSampleId :

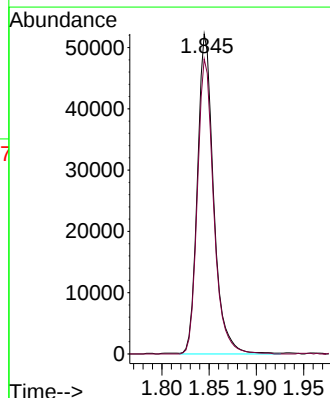
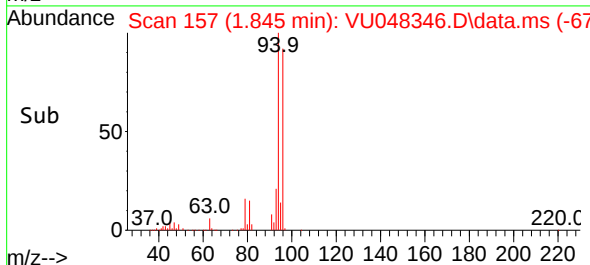
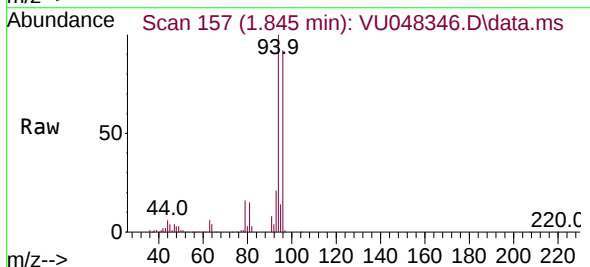


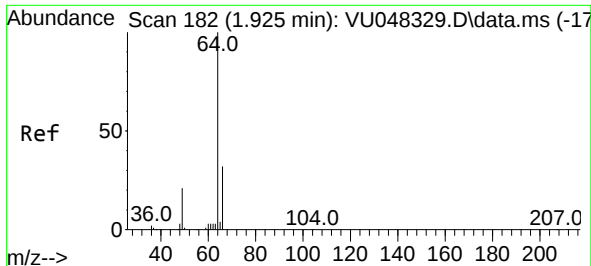
Tgt Ion: 62 Resp: 138082
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.5 41.7



#6
 Bromomethane
 Concen: 46.710 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

Tgt Ion: 94 Resp: 62284
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.8 122.2

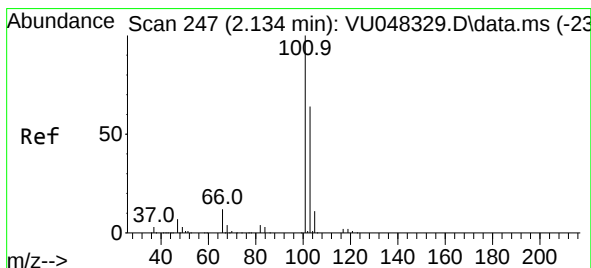
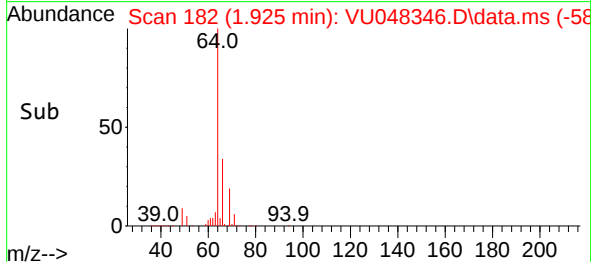
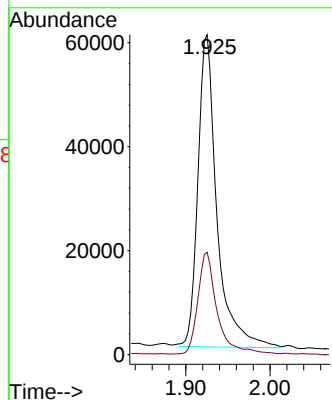
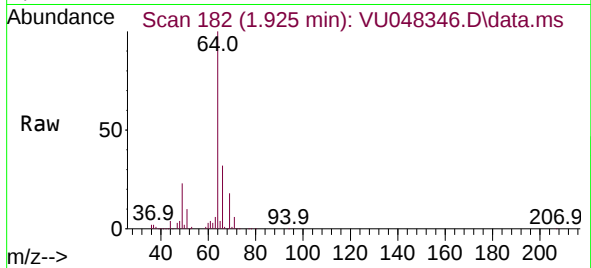




#8
Chloroethane
Concen: 57.403 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

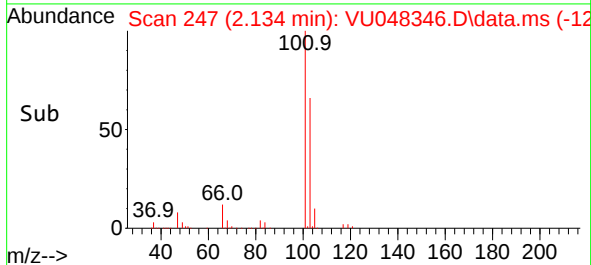
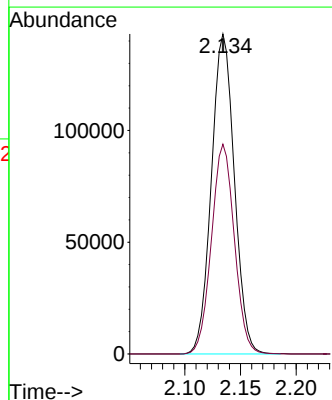
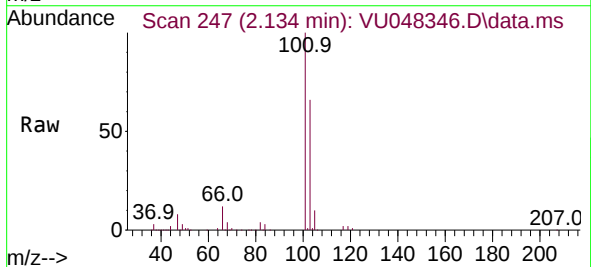
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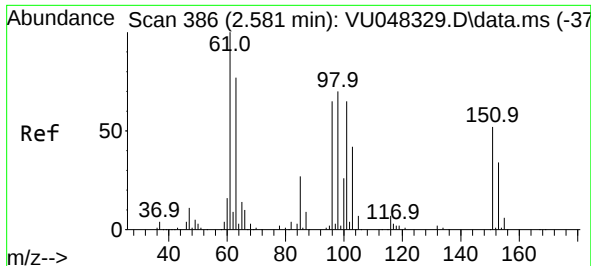
Tgt Ion: 64 Resp: 94170
Ion Ratio Lower Upper
64 100
66 32.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 54.372 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 101 Resp: 205583
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

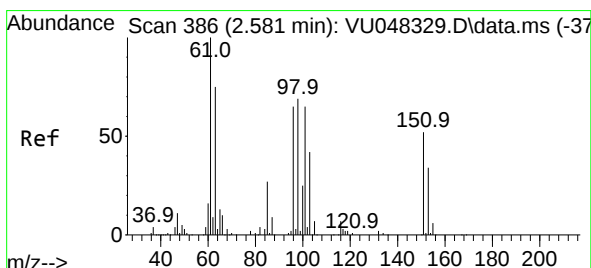
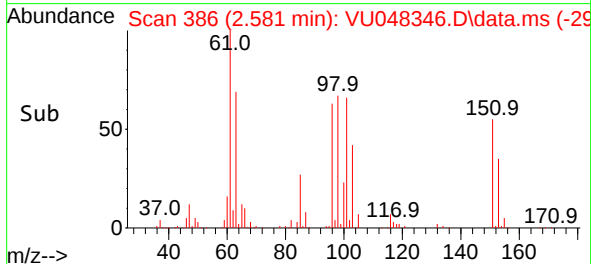
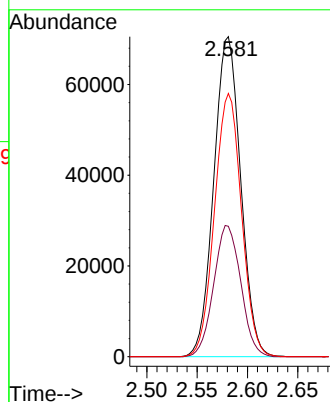
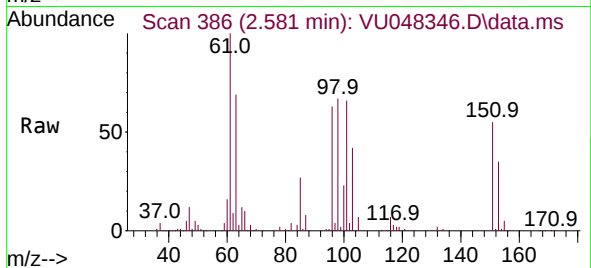




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.408 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

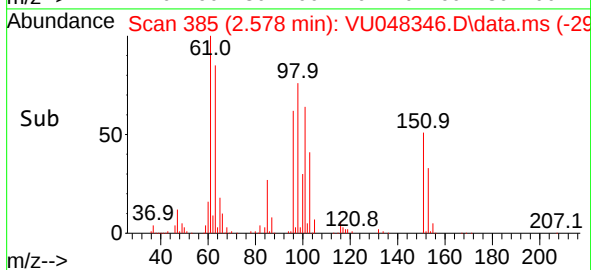
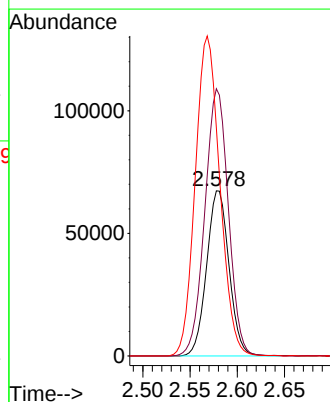
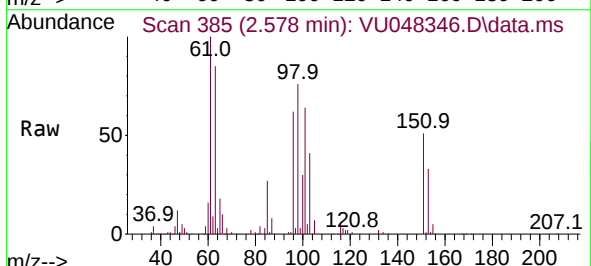
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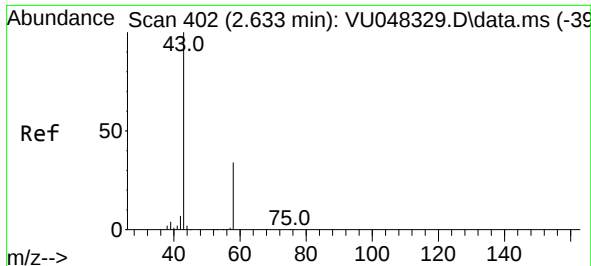
Tgt Ion: 101 Resp: 131427
 Ion Ratio Lower Upper
 101 100
 85 41.2 32.6 48.8
 151 82.4 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 50.670 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

Tgt Ion: 96 Resp: 110916
 Ion Ratio Lower Upper
 96 100
 61 161.9 107.9 200.3
 63 138.3 80.3 149.1





#13

Acetone

Concen: 91.749 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

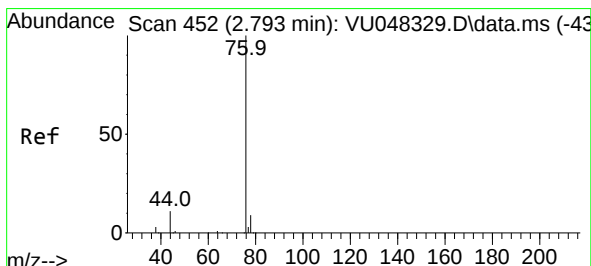
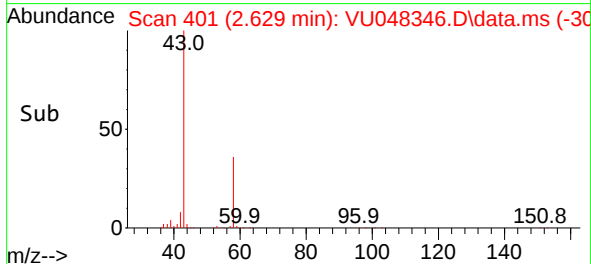
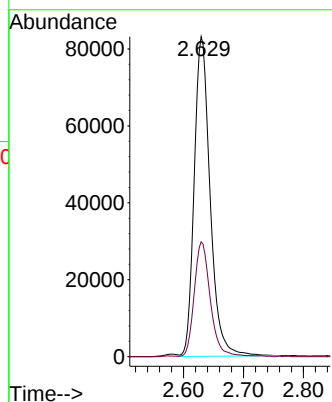
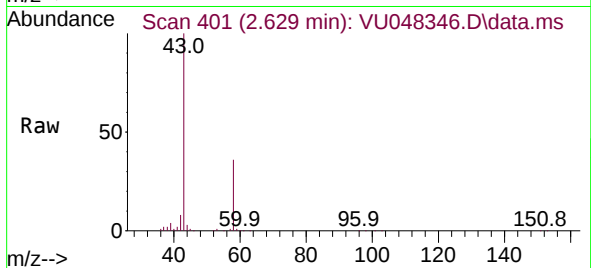
ClientSampleId :

Tgt Ion: 43 Resp: 153788

Ion Ratio Lower Upper

43 100

58 36.2 0.0 71.2



#14

Carbon disulfide

Concen: 45.473 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU048346.D

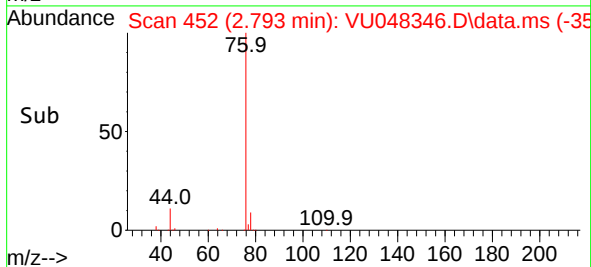
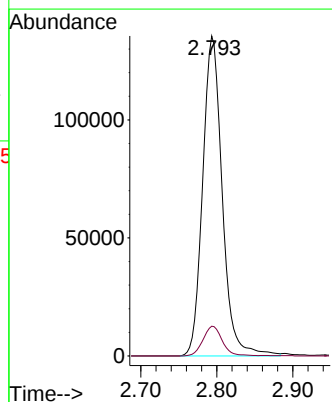
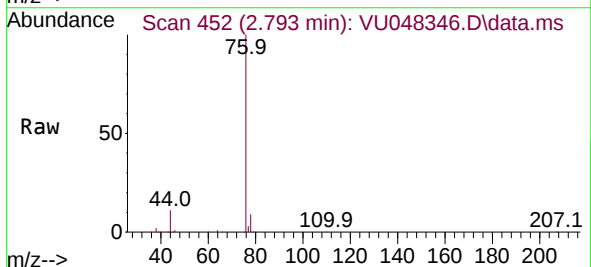
Acq: 28 Apr 2022 17:12

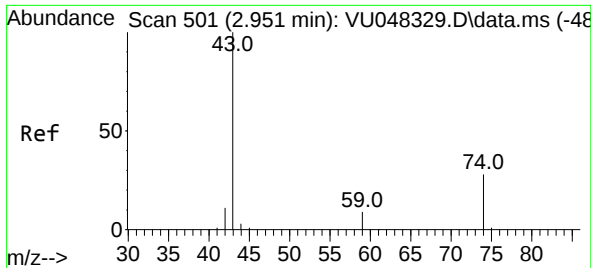
Tgt Ion: 76 Resp: 242596

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

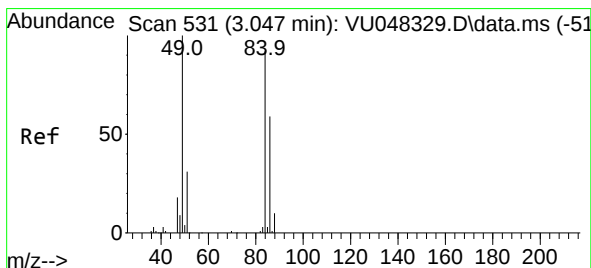
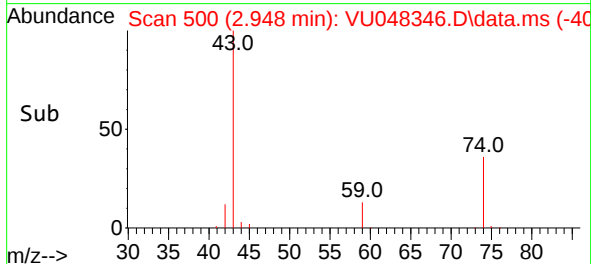
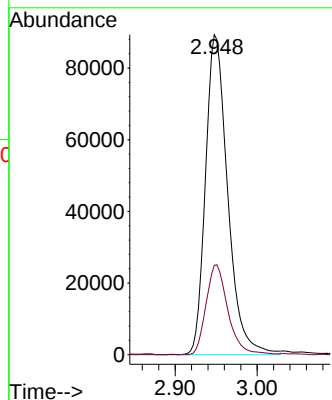
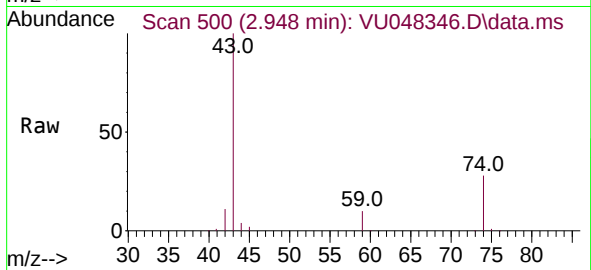




#15
Methyl Acetate
Concen: 50.623 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

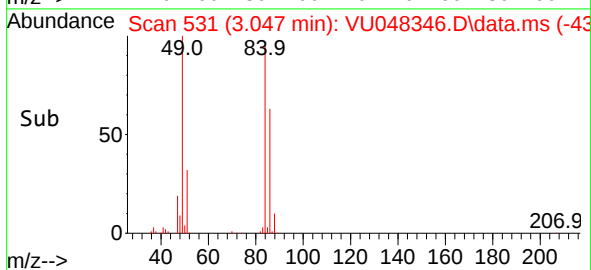
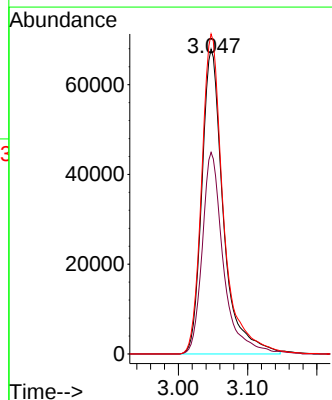
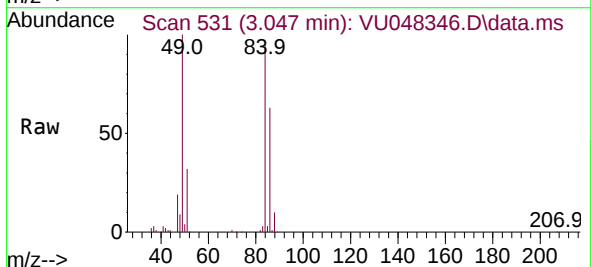
Instrument :
MSVOA_U
ClientSampleId :

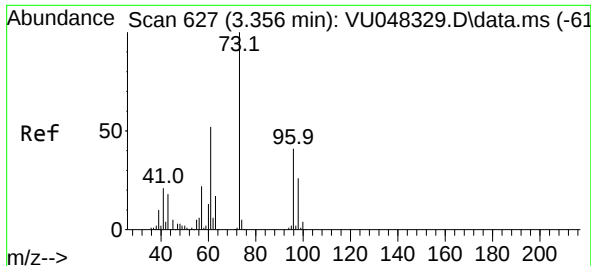
Tgt Ion: 43 Resp: 168439
Ion Ratio Lower Upper
43 100
74 27.6 21.0 31.6



#16
Methylene chloride
Concen: 51.812 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 84 Resp: 146221
Ion Ratio Lower Upper
84 100
86 66.1 45.4 84.2
49 105.0 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 52.518 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

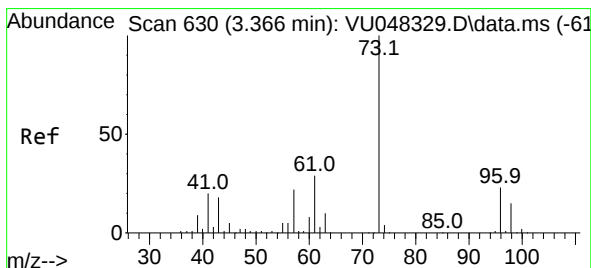
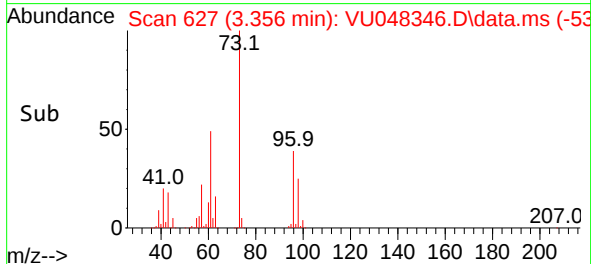
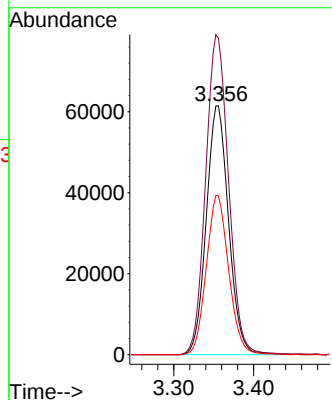
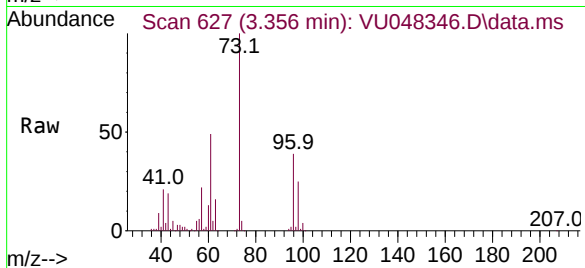
Tgt Ion: 96 Resp: 119427

Ion Ratio Lower Upper

96 100

61 127.1 95.2 176.8

98 63.8 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 58.448 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

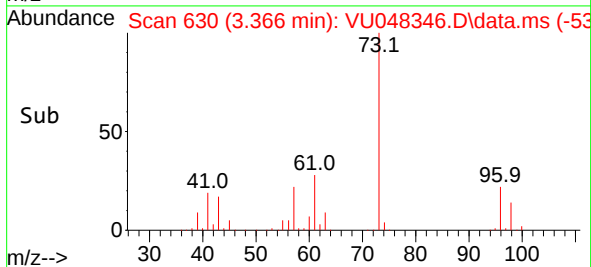
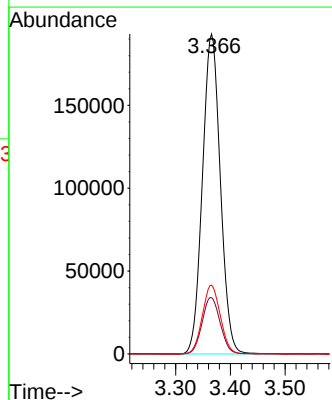
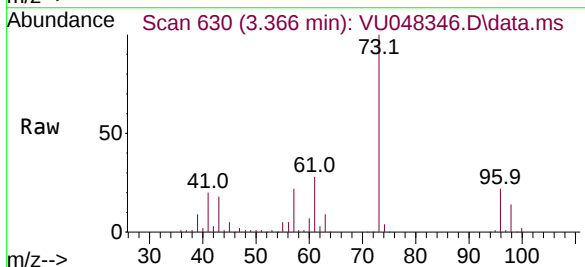
Tgt Ion: 73 Resp: 438536

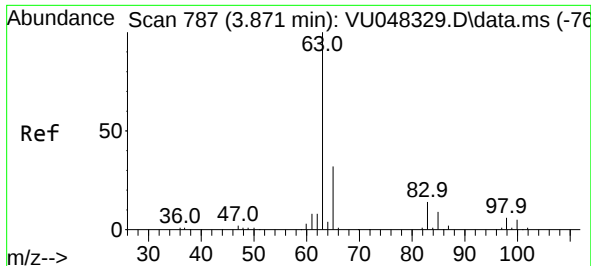
Ion Ratio Lower Upper

73 100

43 17.8 13.8 20.6

57 21.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 53.310 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

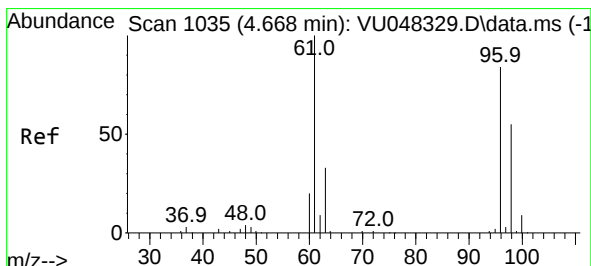
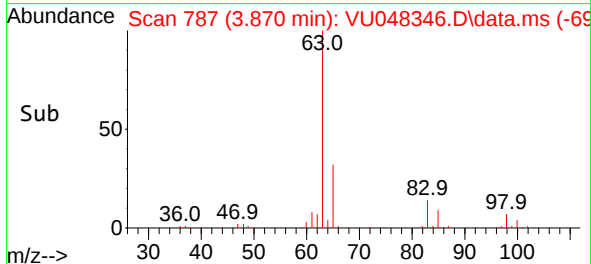
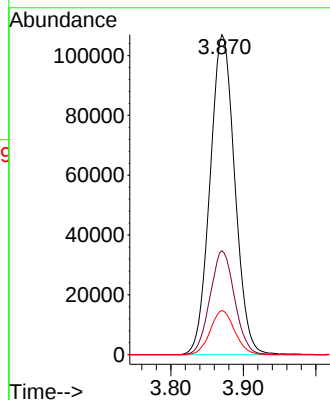
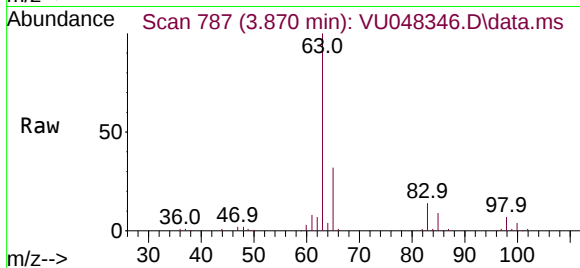
Tgt Ion: 63 Resp: 253506

Ion Ratio Lower Upper

63 100

65 32.5 22.0 40.8

83 13.8 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 56.239 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

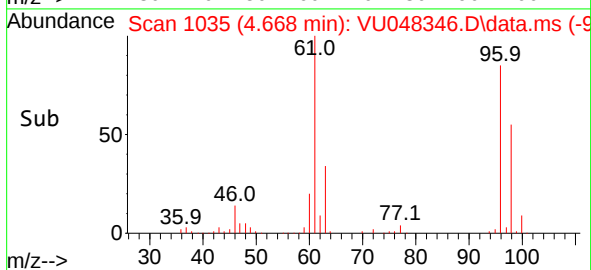
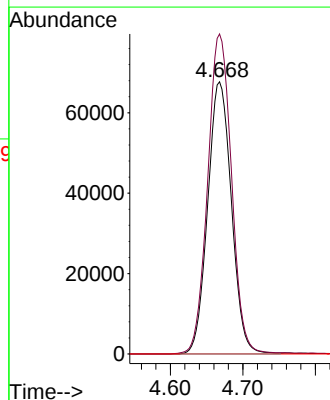
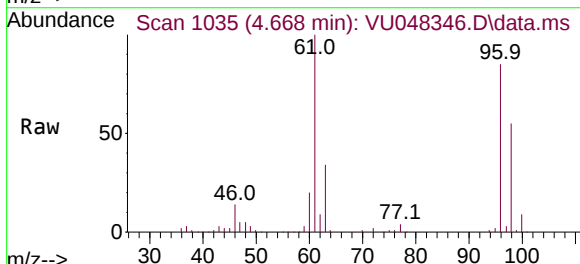
Tgt Ion: 96 Resp: 154157

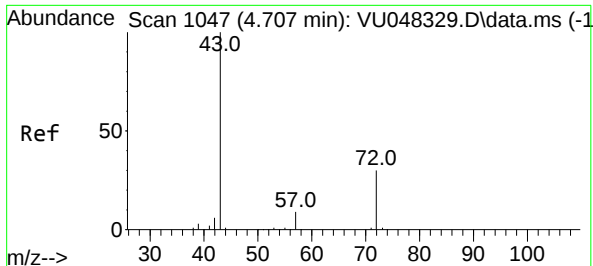
Ion Ratio Lower Upper

96 100

61 117.6 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 101.898 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

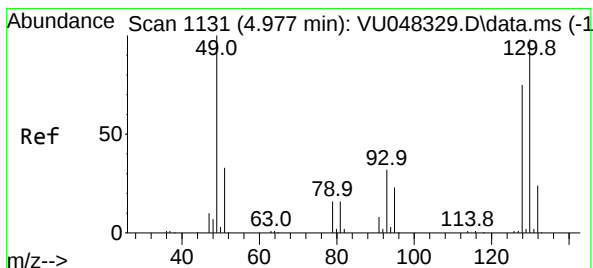
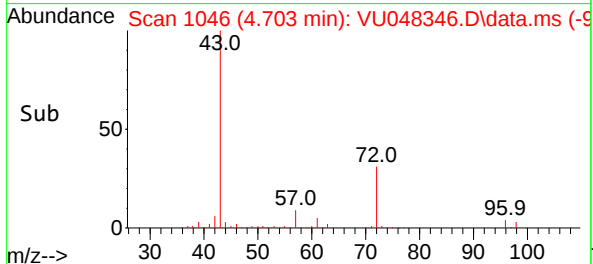
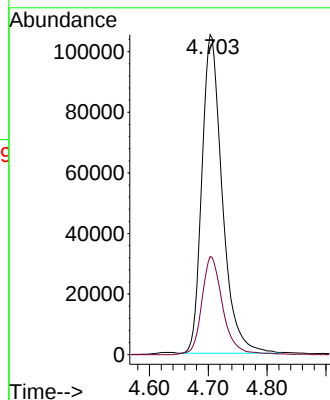
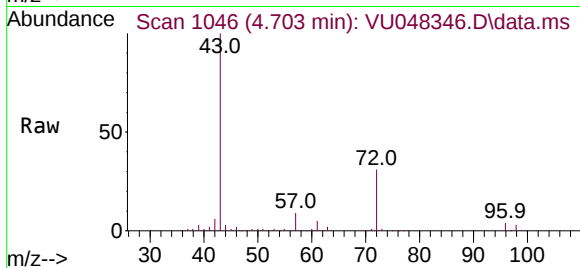
ClientSampleId :

Tgt Ion: 43 Resp: 252565

Ion Ratio Lower Upper

43 100

72 31.6 14.6 43.8



#23

Bromochloromethane

Concen: 55.702 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Tgt Ion: 128 Resp: 85245

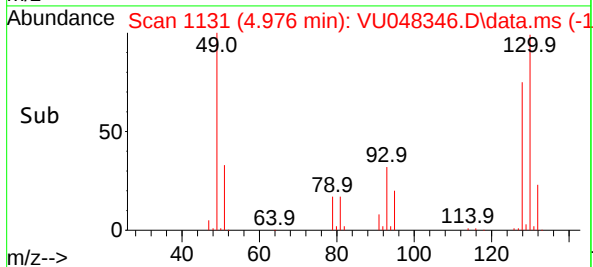
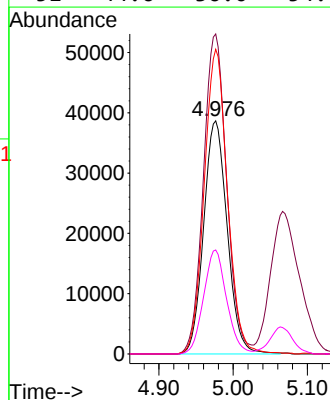
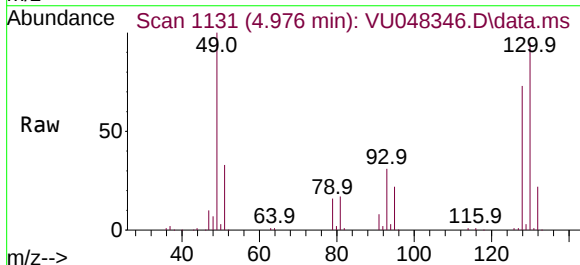
Ion Ratio Lower Upper

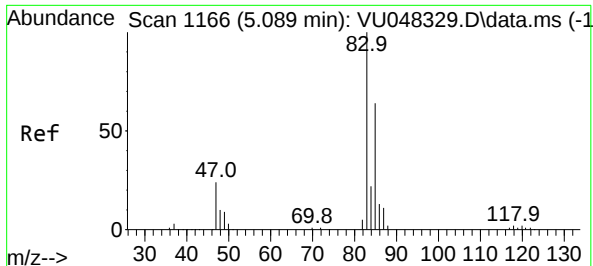
128 100

49 137.3 101.3 188.1

130 130.7 89.0 165.2

51 44.6 36.0 54.0





#25

Chloroform

Concen: 55.788 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

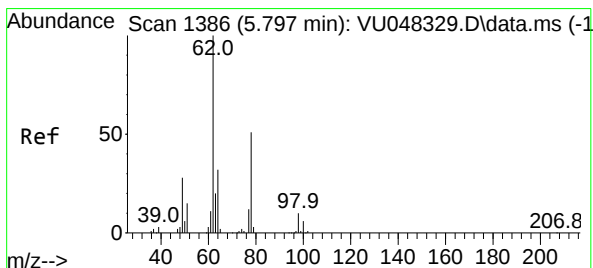
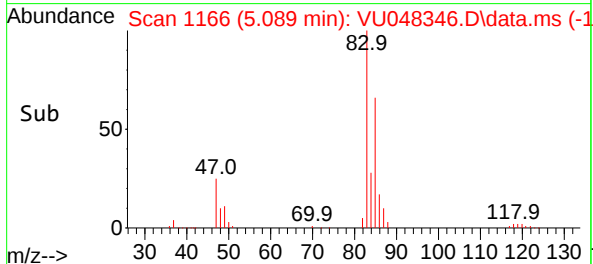
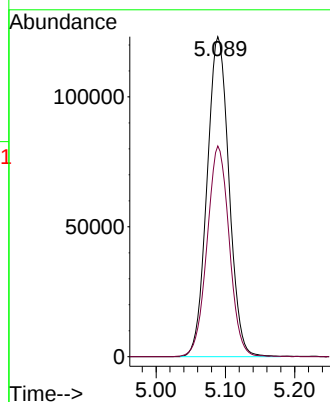
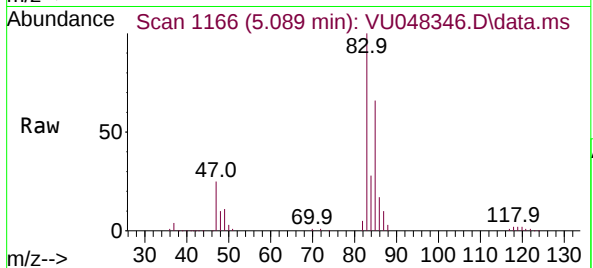
ClientSampleId :

Tgt Ion: 83 Resp: 270897

Ion Ratio Lower Upper

83 100

85 65.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 56.910 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048346.D

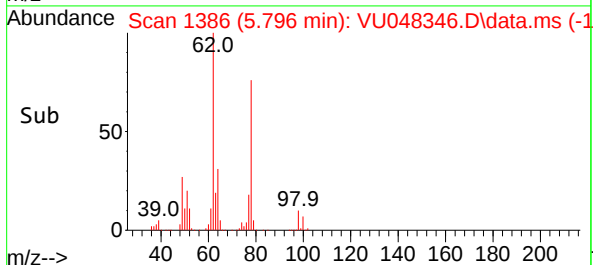
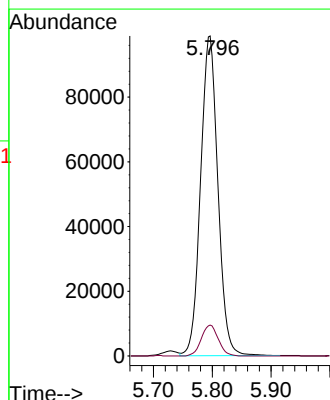
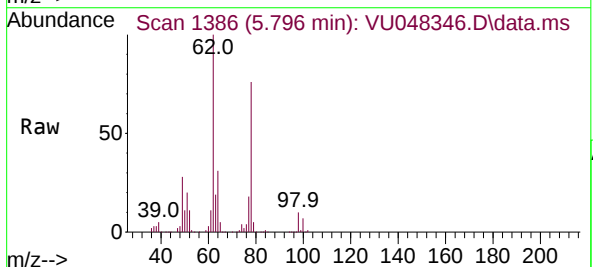
Acq: 28 Apr 2022 17:12

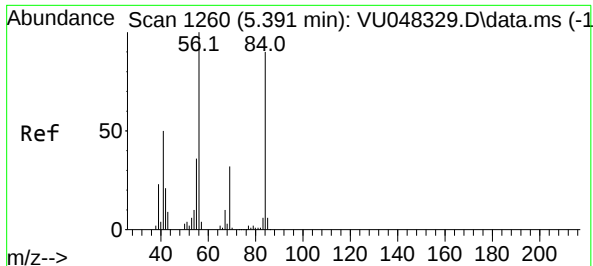
Tgt Ion: 62 Resp: 201571

Ion Ratio Lower Upper

62 100

98 9.6 8.5 12.7





#29

Cyclohexane

Concen: 55.420 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.000 min

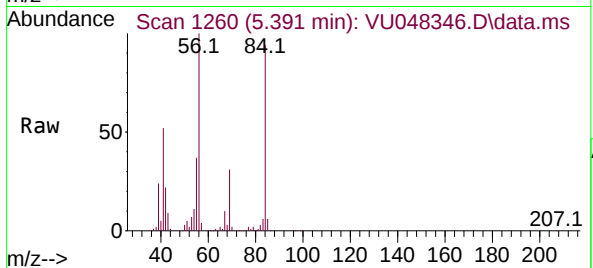
Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :



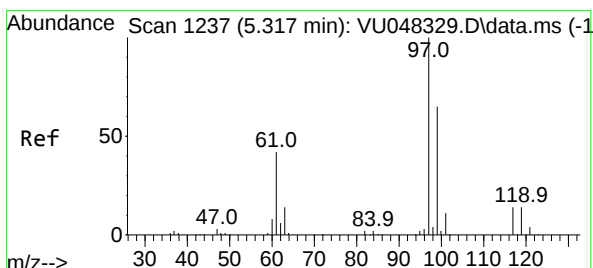
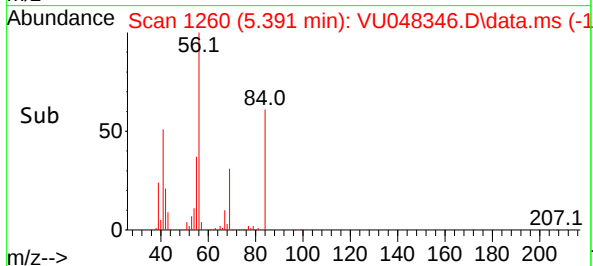
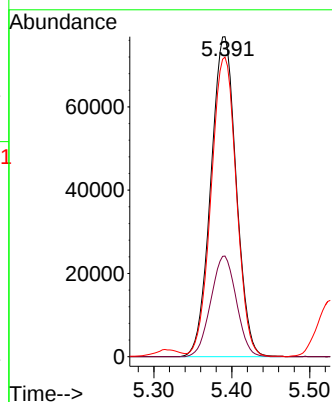
Tgt Ion: 56 Resp: 174028

Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 93.0 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 59.303 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

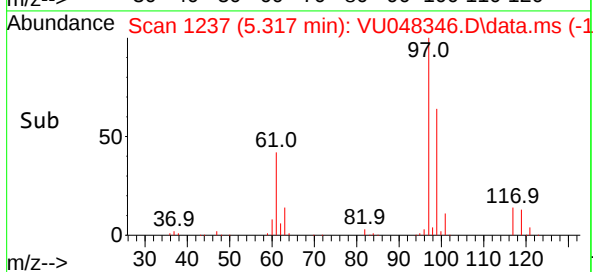
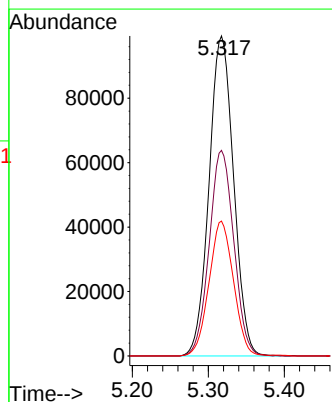
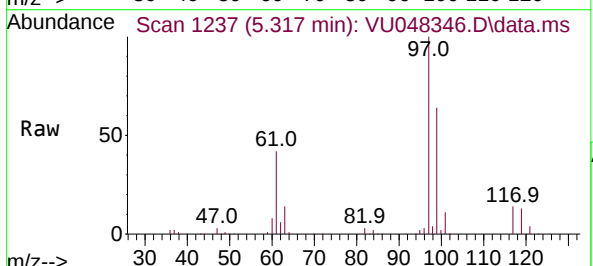
Tgt Ion: 97 Resp: 222882

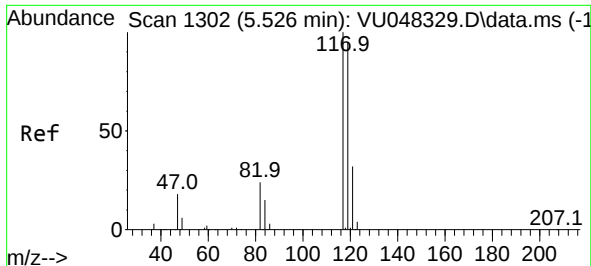
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

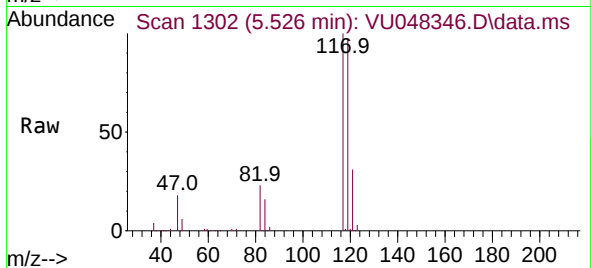
61 42.0 33.9 50.9



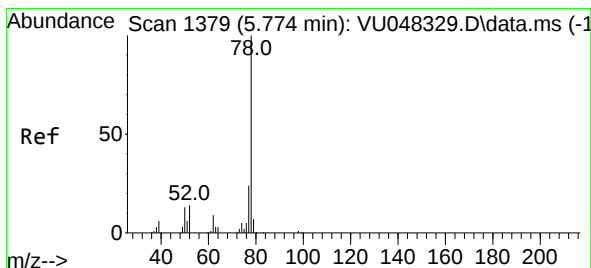
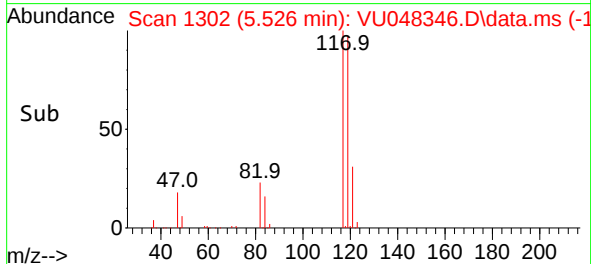
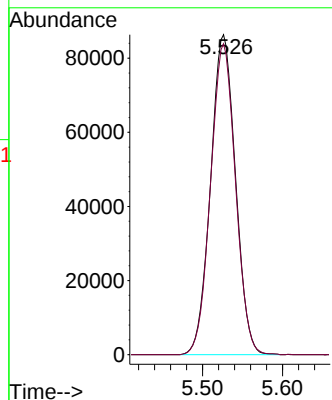


#31
Carbon tetrachloride
Concen: 58.231 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :

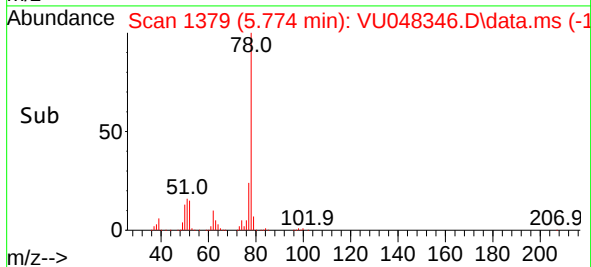
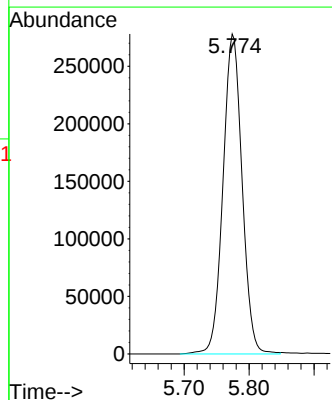
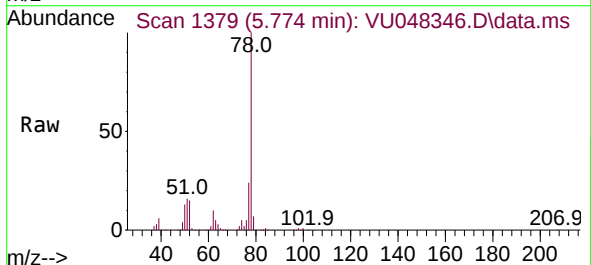


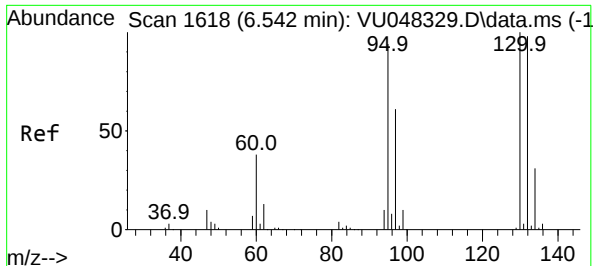
Tgt Ion:117 Resp: 186531
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7



#33
Benzene
Concen: 57.493 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 78 Resp: 565729

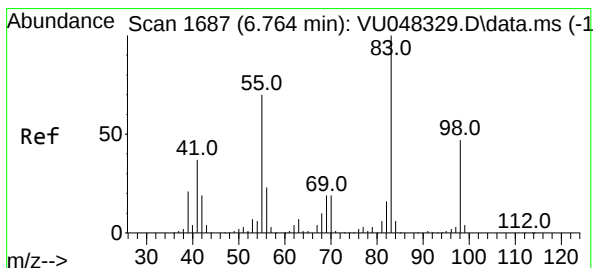
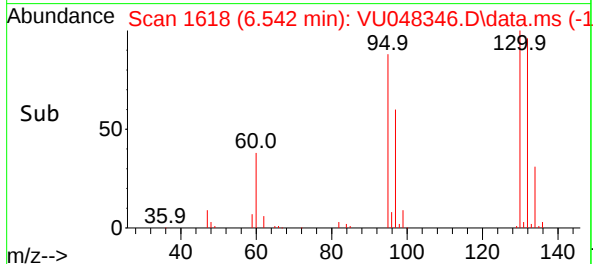
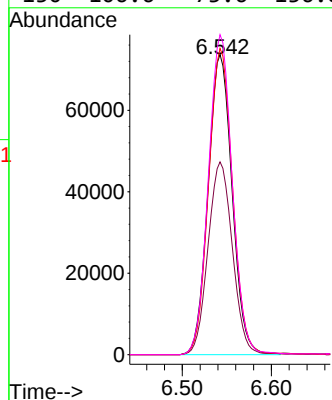
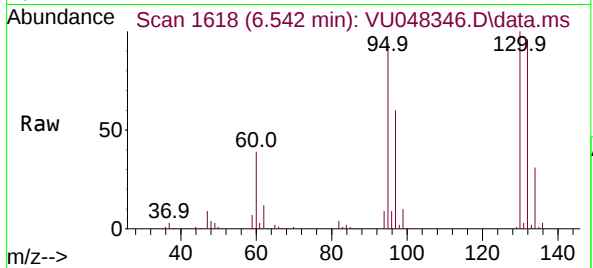




#34
Trichloroethene
Concen: 57.335 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

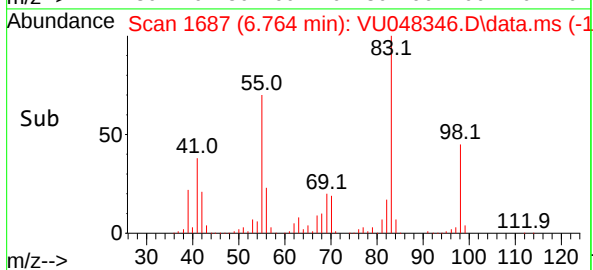
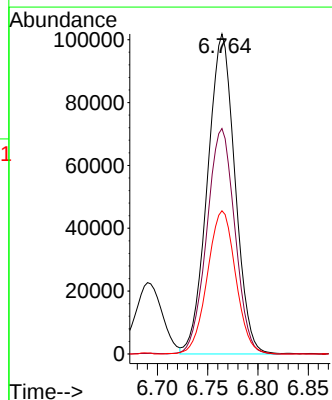
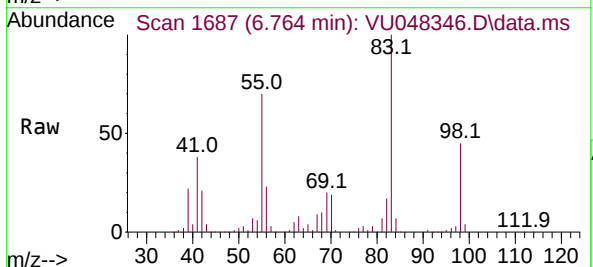
Instrument :
MSVOA_U
ClientSampleId :

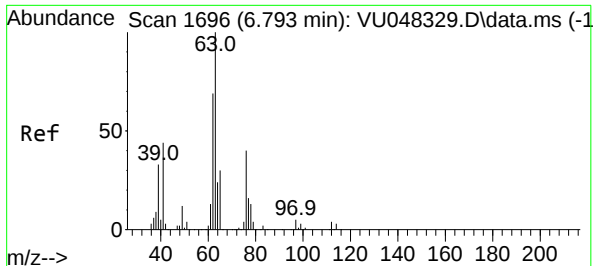
Tgt Ion: 95 Resp: 138286
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 102.1 71.6 133.0
130 106.6 73.6 136.8



#35
Methylcyclohexane
Concen: 57.253 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 83 Resp: 193869
Ion Ratio Lower Upper
83 100
55 71.8 59.4 89.2
98 46.0 37.3 55.9





#37

1,2-Dichloropropane

Concen: 56.537 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

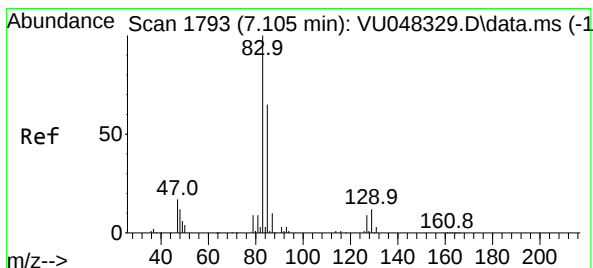
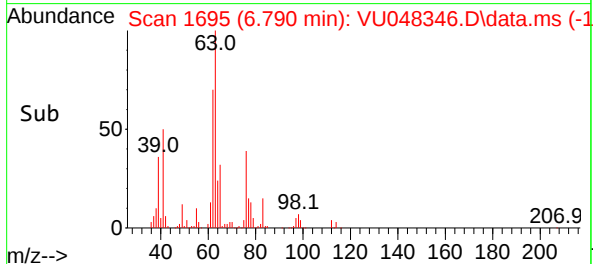
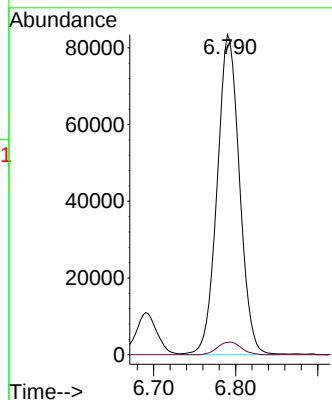
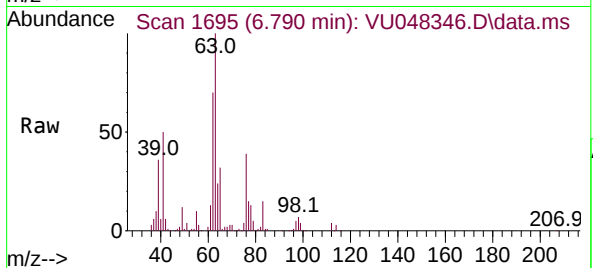
ClientSampleId :

Tgt Ion: 63 Resp: 158284

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 57.834 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

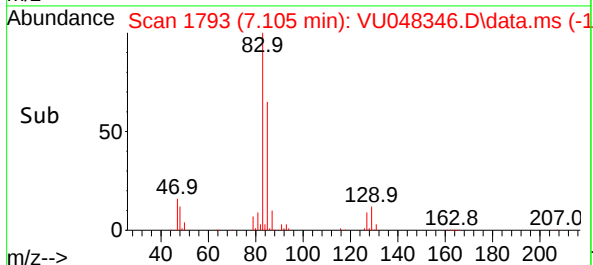
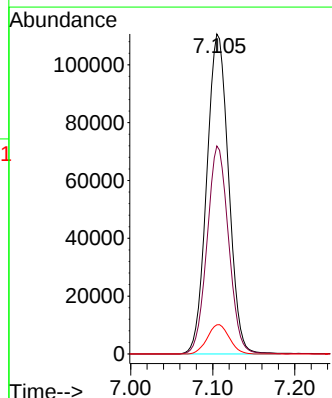
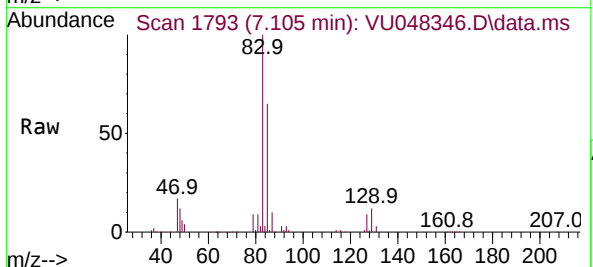
Tgt Ion: 83 Resp: 204476

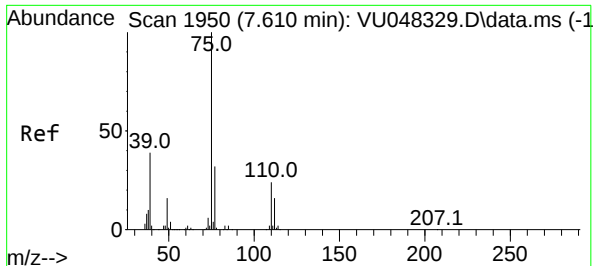
Ion Ratio Lower Upper

83 100

85 65.0 45.3 84.1

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 57.683 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

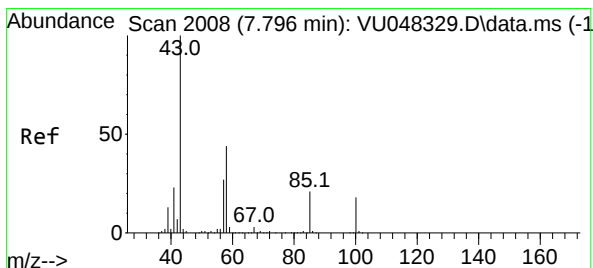
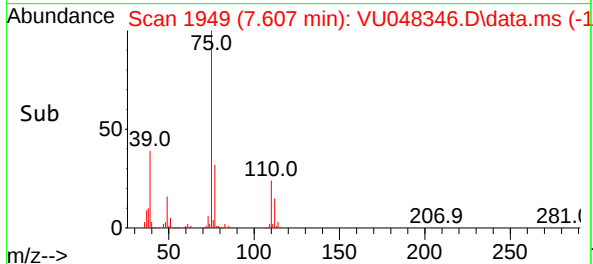
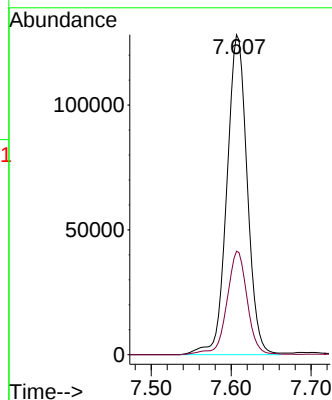
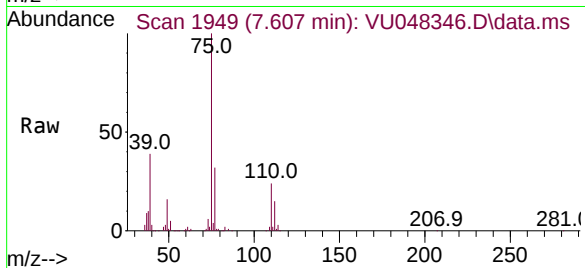
ClientSampleId :

Tgt Ion: 75 Resp: 227083

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 114.832 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

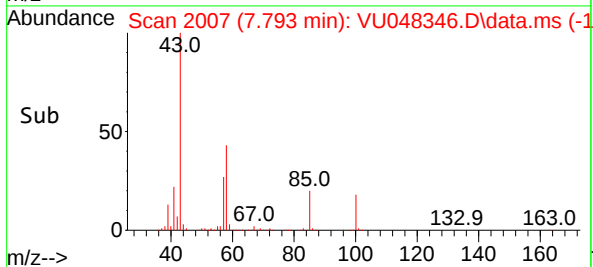
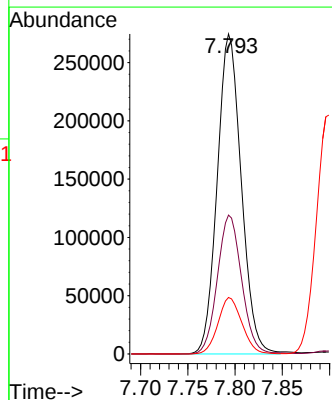
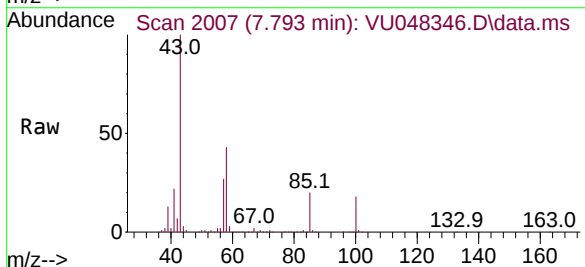
Tgt Ion: 43 Resp: 484891

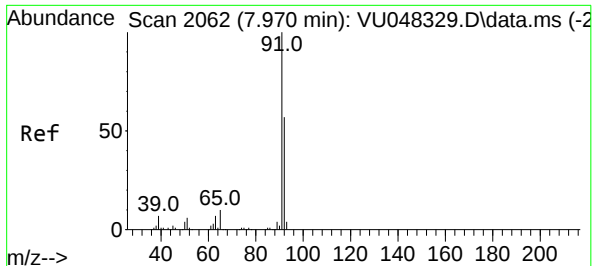
Ion Ratio Lower Upper

43 100

58 43.8 34.4 51.6

100 17.6 13.6 20.4





#42

Toluene

Concen: 59.182 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

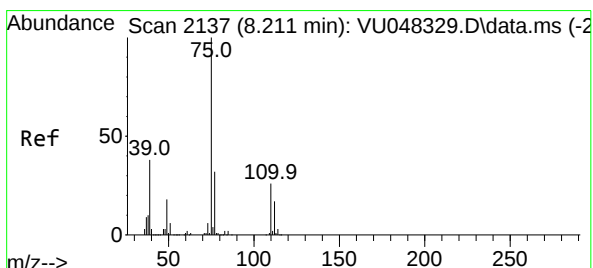
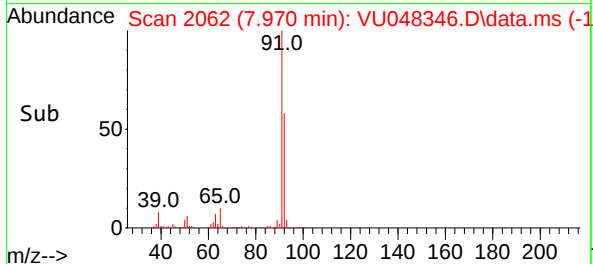
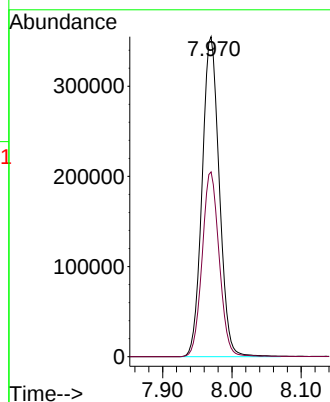
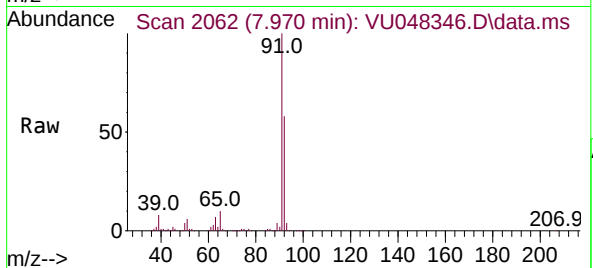
ClientSampleId :

Tgt Ion: 91 Resp: 611405

Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 57.380 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048346.D

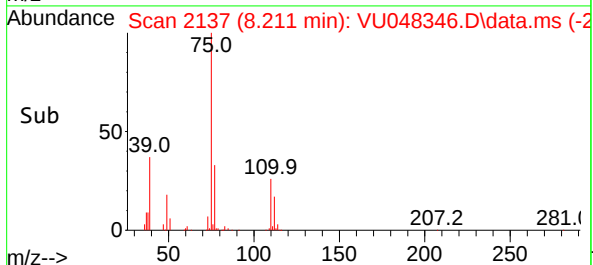
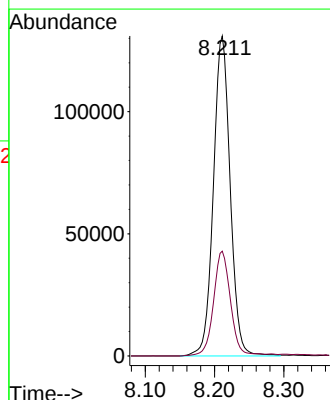
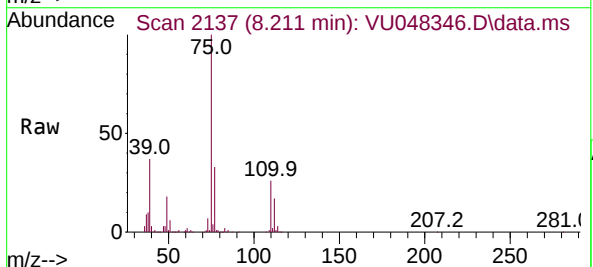
Acq: 28 Apr 2022 17:12

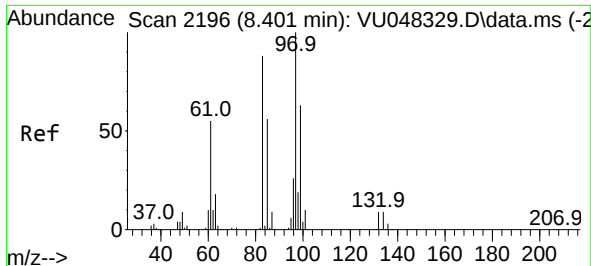
Tgt Ion: 75 Resp: 220678

Ion Ratio Lower Upper

75 100

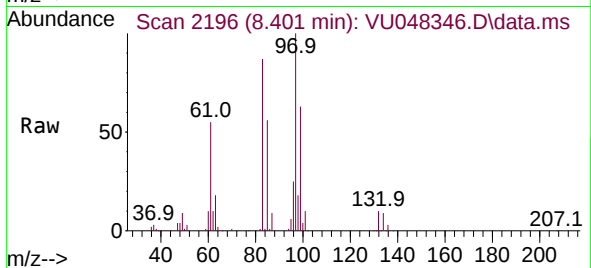
77 32.8 22.1 41.1



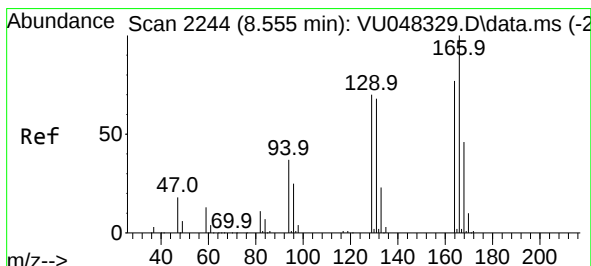
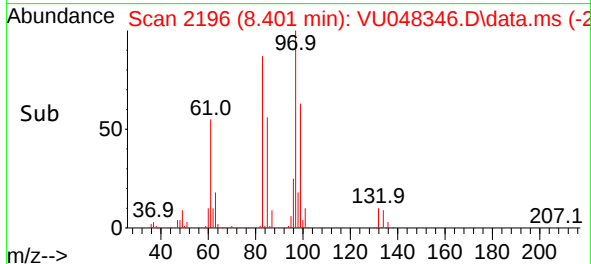
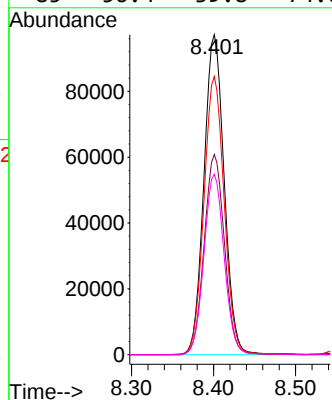


#45
1,1,2-Trichloroethane
Concen: 56.854 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :

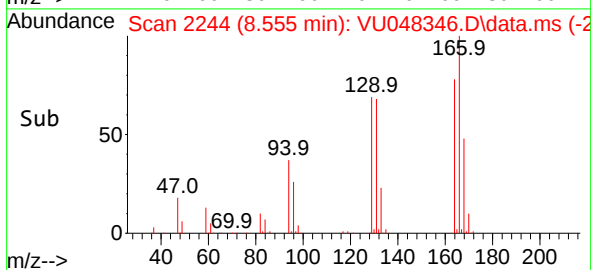
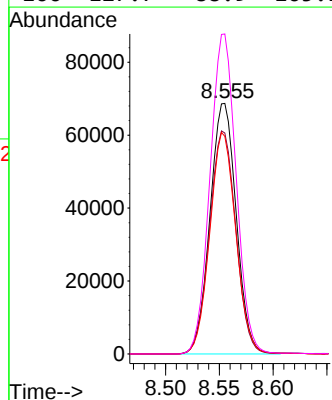
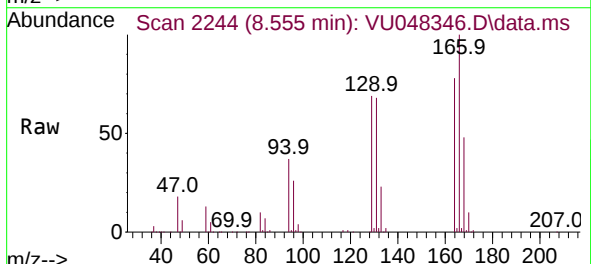


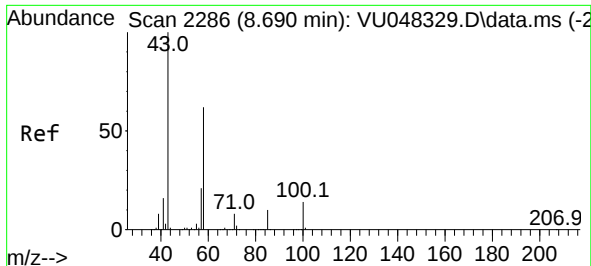
Tgt Ion:	97	Resp:	166997
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.7	81.1
83	86.9	62.6	116.2
85	56.4	39.8	74.0



#46
Tetrachloroethene
Concen: 56.448 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

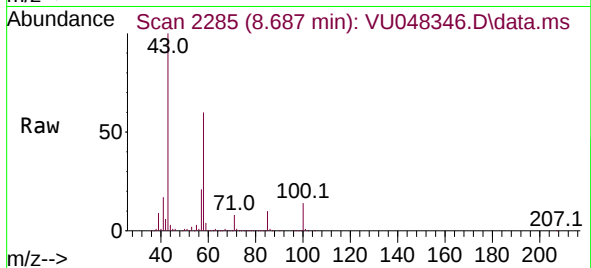
Tgt Ion:	164	Resp:	116846
Ion	Ratio	Lower	Upper
164	100		
129	88.2	63.3	117.7
131	86.9	61.2	113.6
166	127.7	88.9	165.1





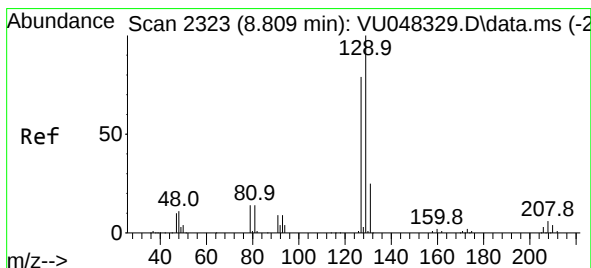
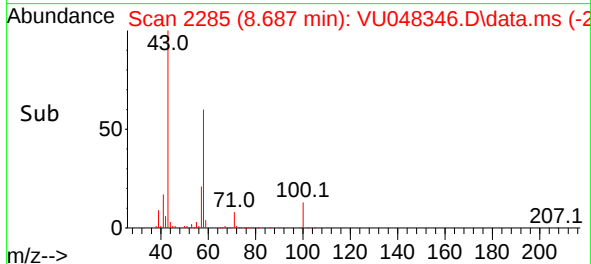
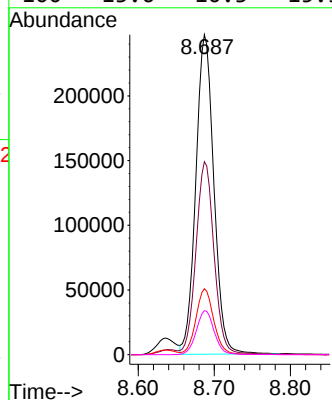
#48
2-Hexanone
Concen: 115.508 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 407299

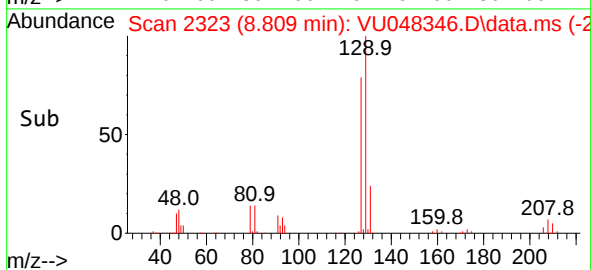
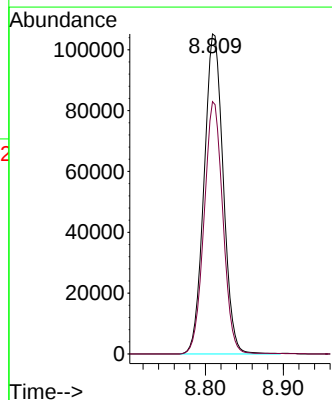
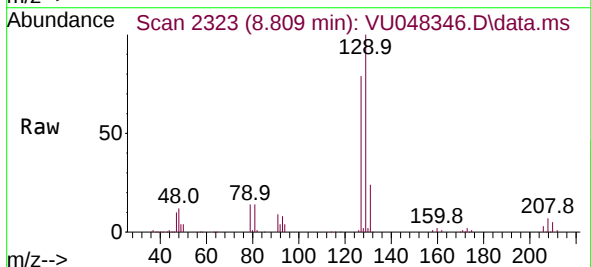
Ion	Ratio	Lower	Upper
43	100		
58	60.1	48.1	72.1
57	20.3	16.2	24.4
100	13.6	10.3	15.5

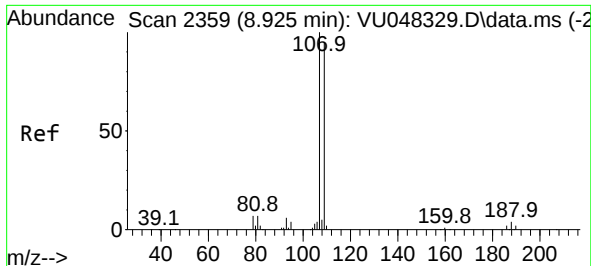


#49
Dibromochloromethane
Concen: 55.640 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 129 Resp: 179589

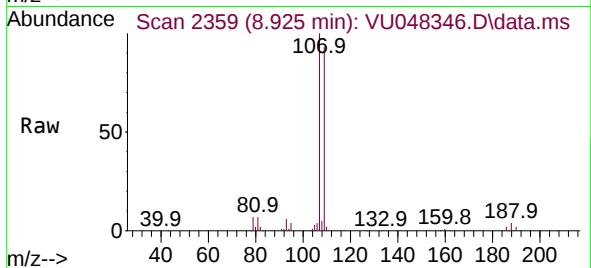
Ion	Ratio	Lower	Upper
129	100		
127	78.9	53.8	99.8



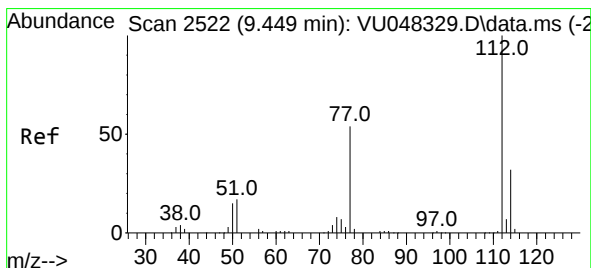
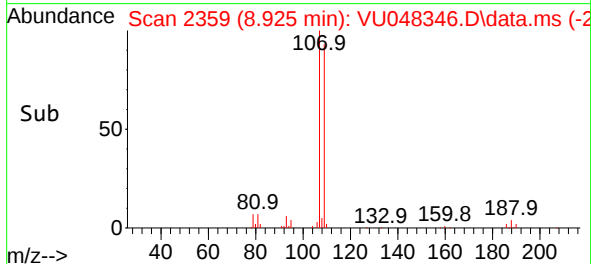
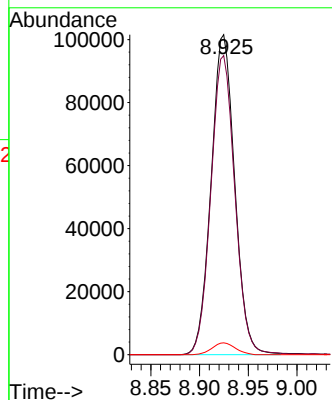


#50
1,2-Dibromoethane
Concen: 57.313 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :

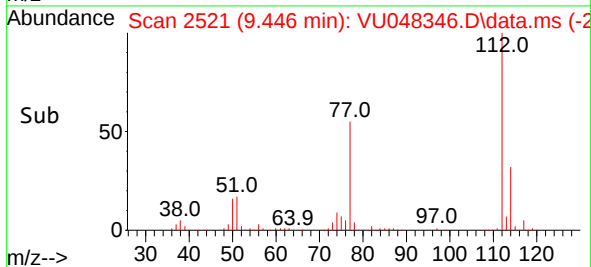
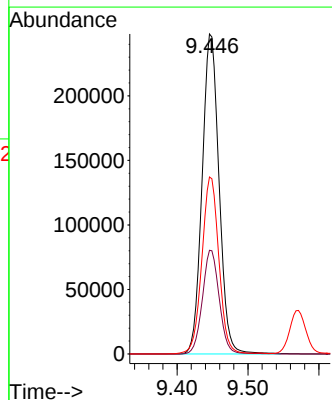
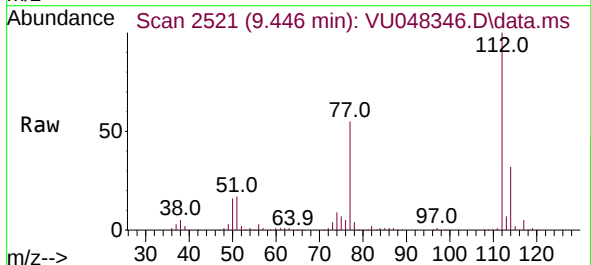


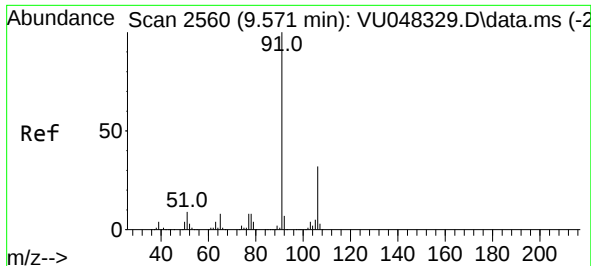
Tgt Ion:107 Resp: 170716
Ion Ratio Lower Upper
107 100
109 93.5 65.0 120.8
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 55.301 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion:112 Resp: 411805
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 55.3 44.3 66.5

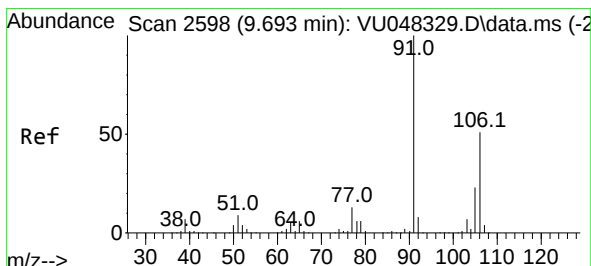
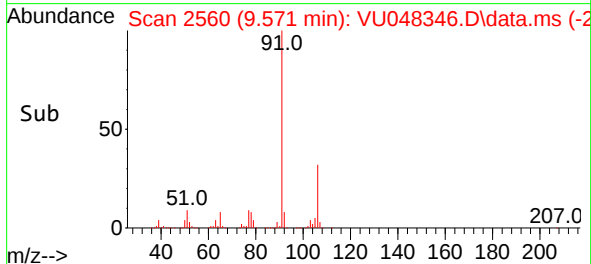
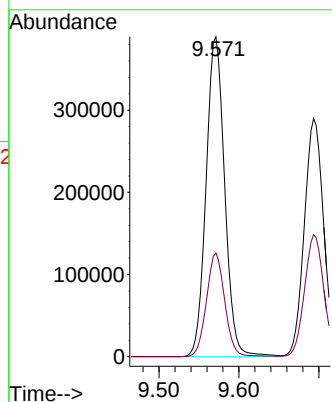
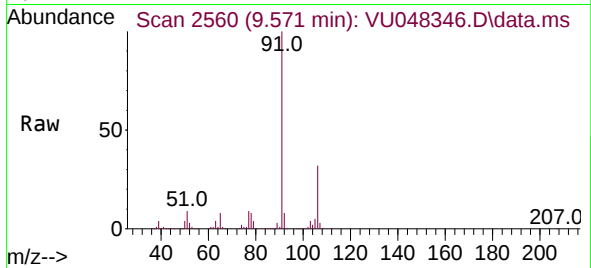




#52
Ethylbenzene
Concen: 58.985 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

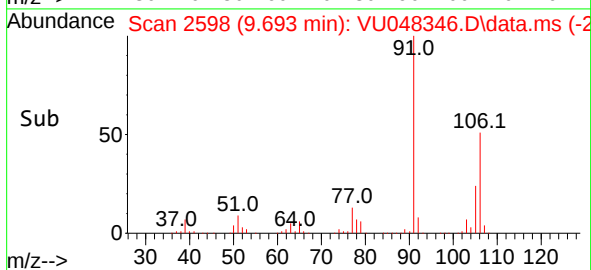
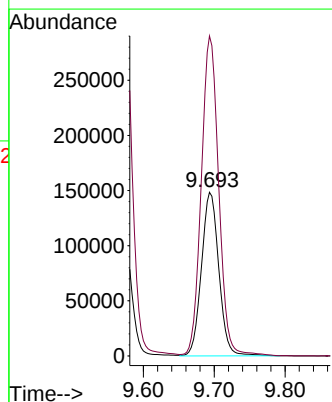
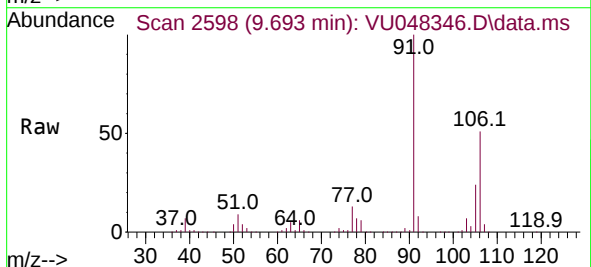
Instrument :
MSVOA_U
ClientSampleId :

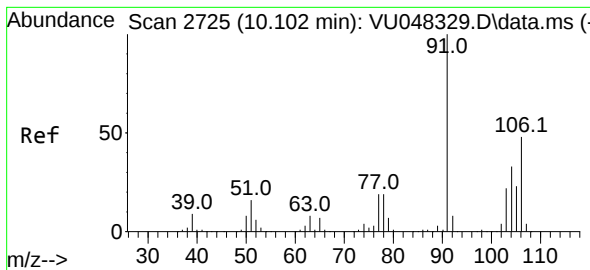
Tgt Ion: 91 Resp: 631083
Ion Ratio Lower Upper
91 100
106 32.4 22.5 41.9



#53
m,p-Xylene
Concen: 59.708 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion: 106 Resp: 252091
Ion Ratio Lower Upper
106 100
91 195.5 137.4 255.2





#54

o-Xylene

Concen: 60.284 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

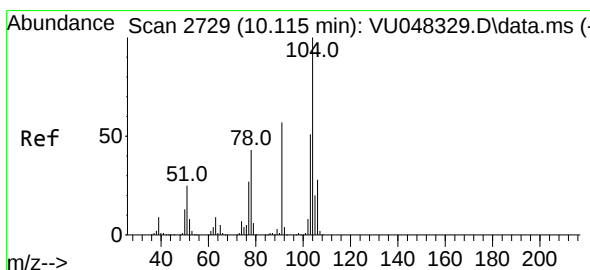
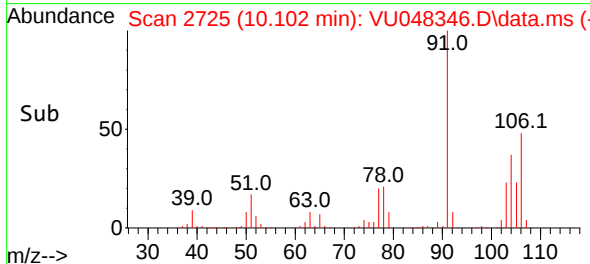
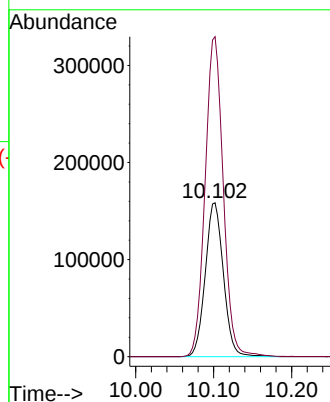
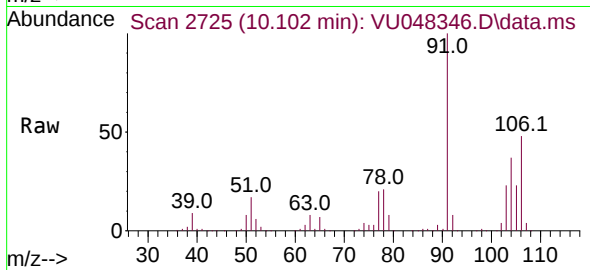
ClientSampleId :

Tgt Ion:106 Resp: 256410

Ion Ratio Lower Upper

106 100

91 207.8 145.3 269.8



#55

Styrene

Concen: 59.423 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048346.D

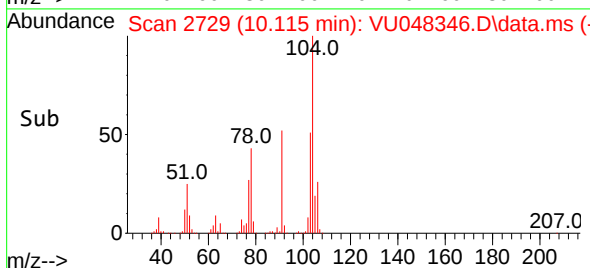
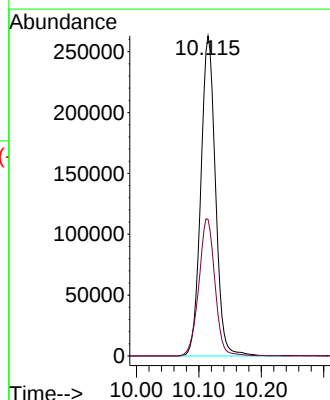
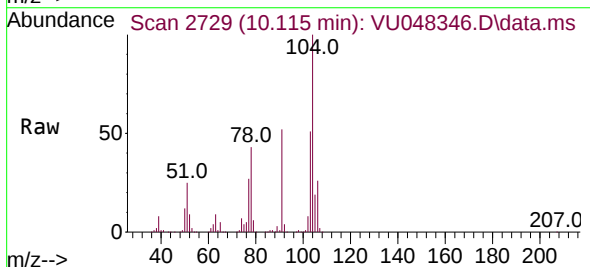
Acq: 28 Apr 2022 17:12

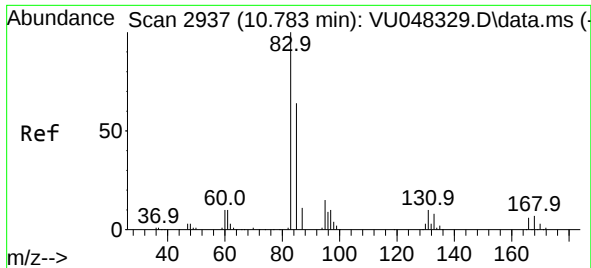
Tgt Ion:104 Resp: 430575

Ion Ratio Lower Upper

104 100

78 42.7 30.3 56.3

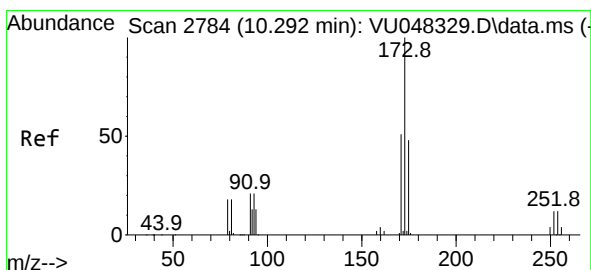
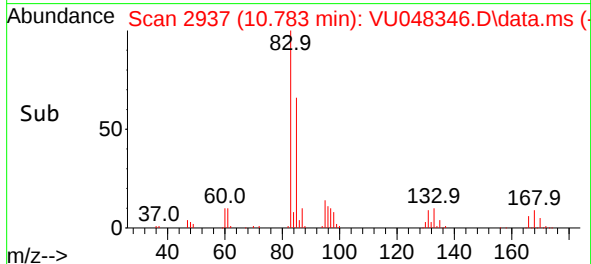
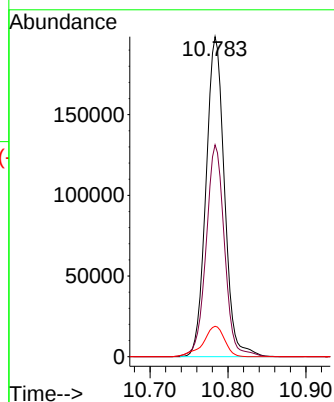
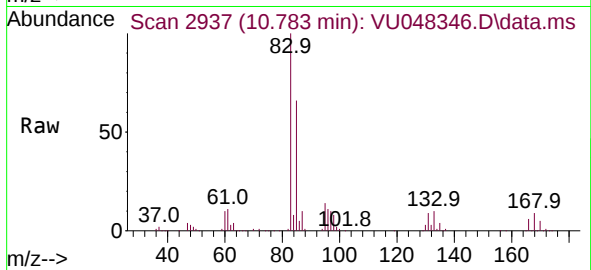




#57
1,1,2,2-Tetrachloroethane
Concen: 56.237 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

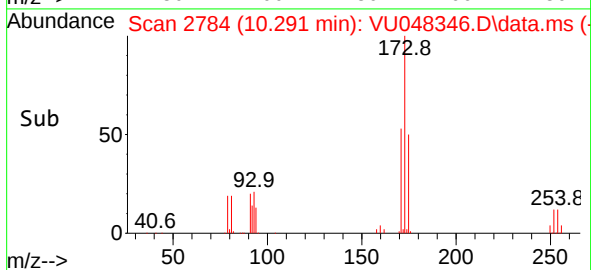
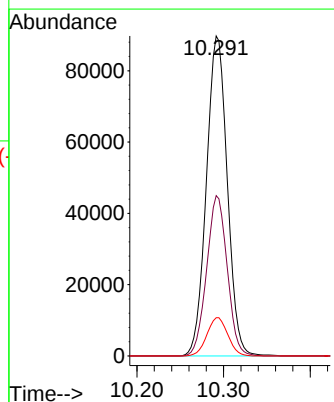
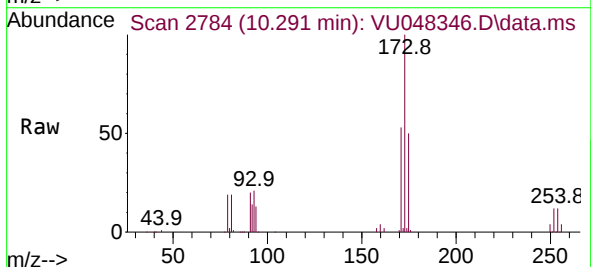
Instrument :
MSVOA_U
ClientSampleId :

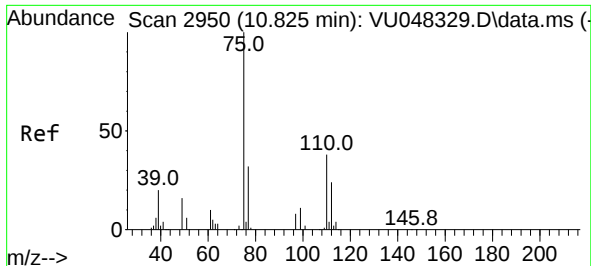
Tgt Ion: 83 Resp: 326014
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.7
131 9.5 7.8 11.6



#59
Bromoform
Concen: 52.977 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion:173 Resp: 150422
Ion Ratio Lower Upper
173 100
175 49.2 38.9 58.3
254 12.0 9.5 14.3

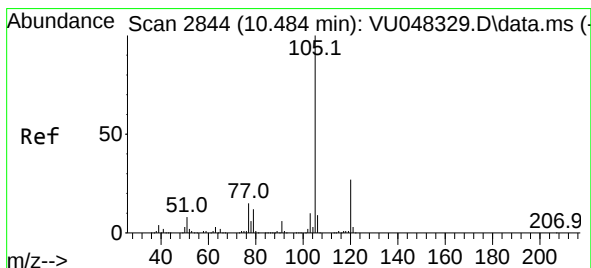
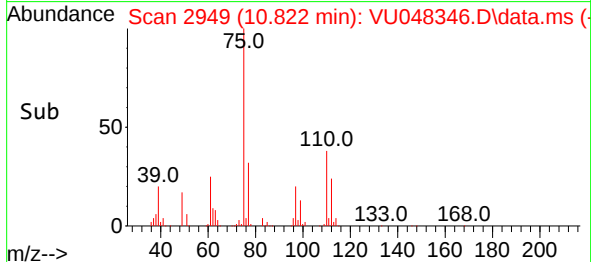
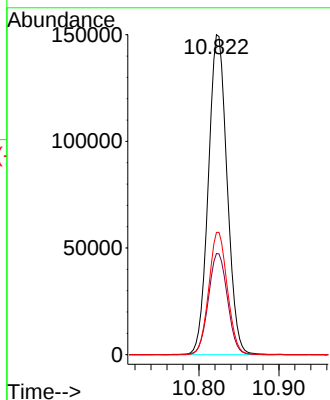
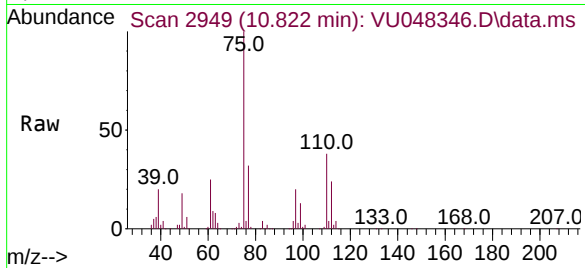




#60
1,2,3-Trichloropropane
Concen: 53.508 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

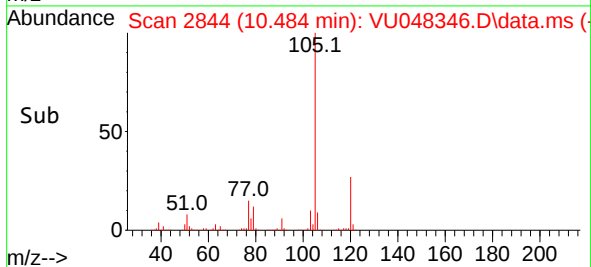
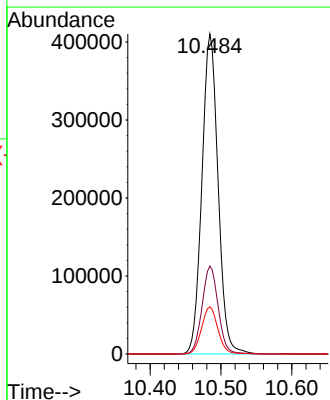
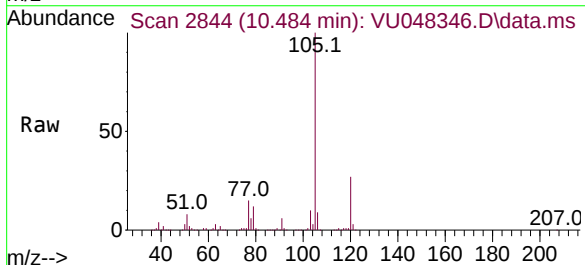
Instrument :
MSVOA_U
ClientSampleId :

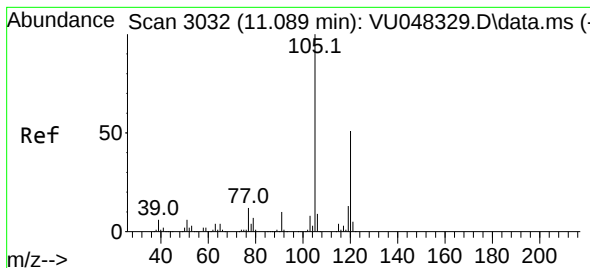
Tgt Ion: 75 Resp: 244224
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.0 29.9 44.9



#61
Isopropylbenzene
Concen: 59.397 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion:105 Resp: 649761
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5
77 14.9 11.7 17.5





#62

1,3,5-Trimethylbenzene

Concen: 59.316 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

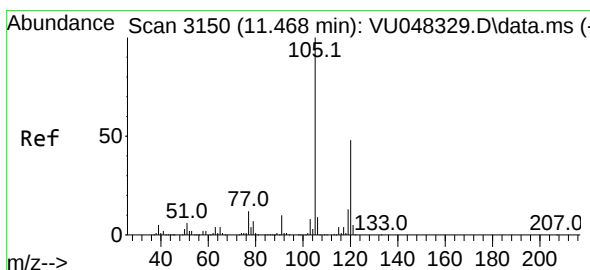
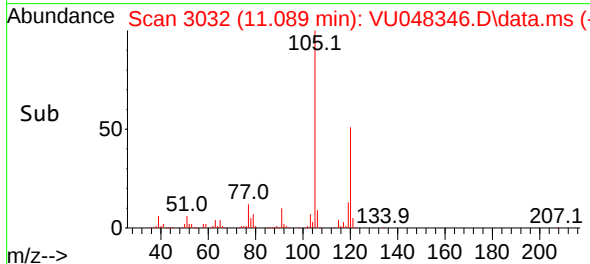
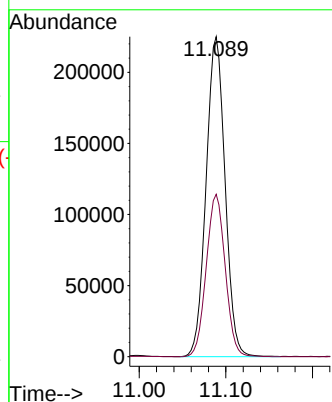
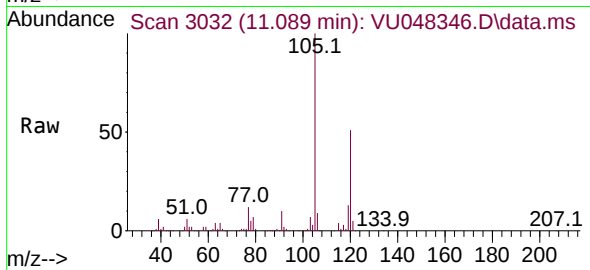
ClientSampleId :

Tgt Ion:105 Resp: 342002

Ion Ratio Lower Upper

105 100

120 50.8 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 60.461 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU048346.D

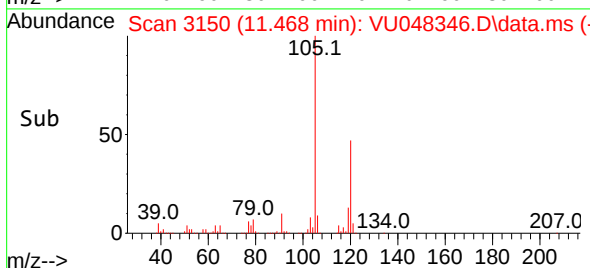
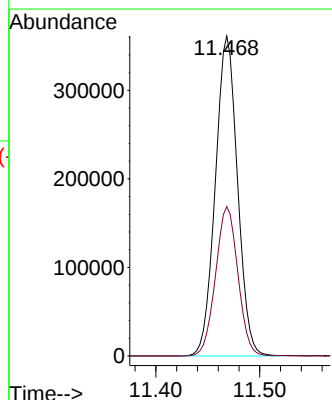
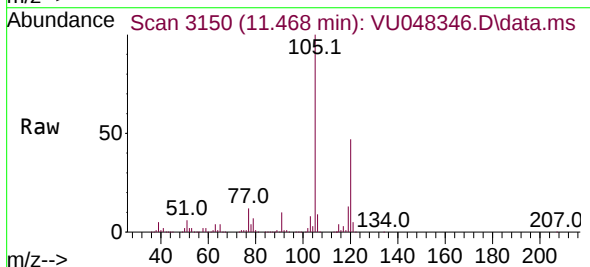
Acq: 28 Apr 2022 17:12

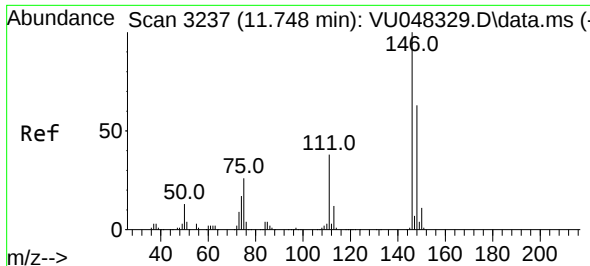
Tgt Ion:105 Resp: 535955

Ion Ratio Lower Upper

105 100

120 47.1 38.0 57.0

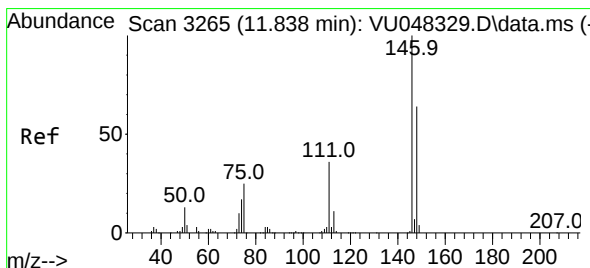
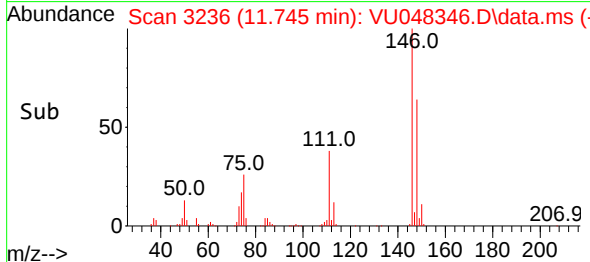
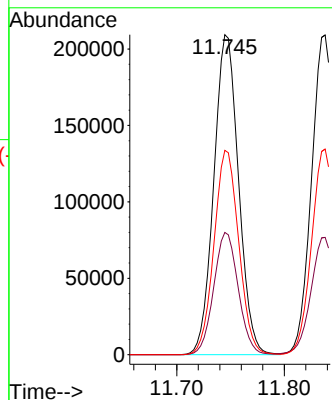
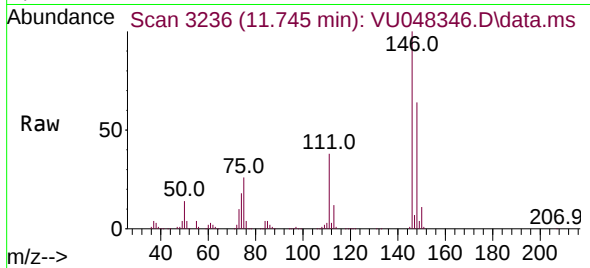




#64
1,3-Dichlorobenzene
Concen: 54.571 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

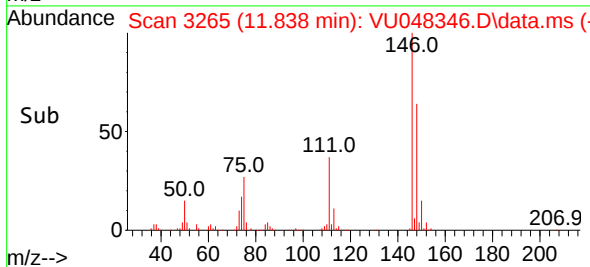
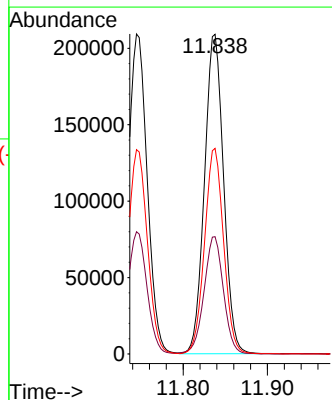
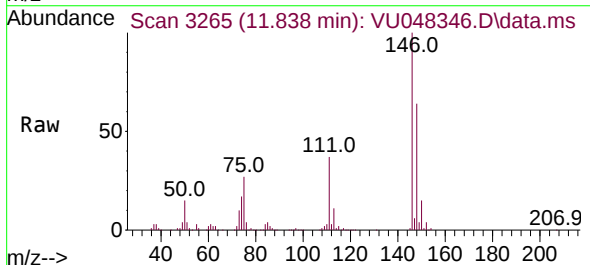
Instrument :
MSVOA_U
ClientSampleId :

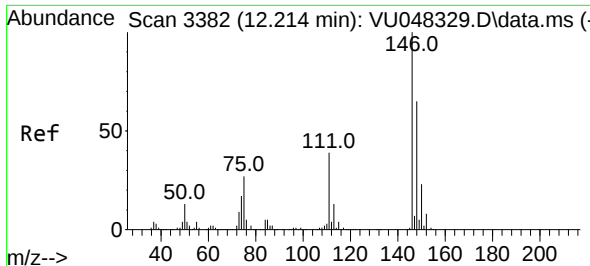
Tgt Ion:146 Resp: 334685
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 63.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 52.721 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048346.D
Acq: 28 Apr 2022 17:12

Tgt Ion:146 Resp: 330096
Ion Ratio Lower Upper
146 100
111 36.7 25.9 48.1
148 64.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 55.724 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

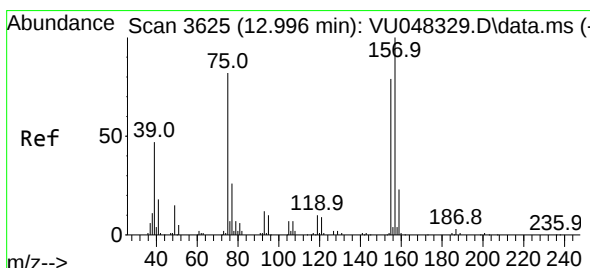
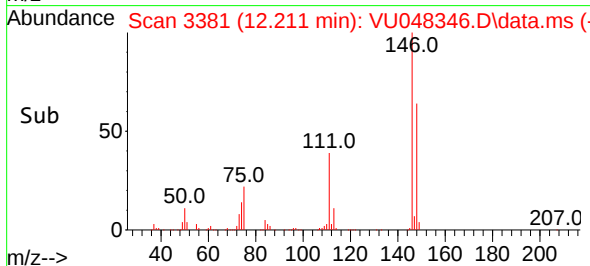
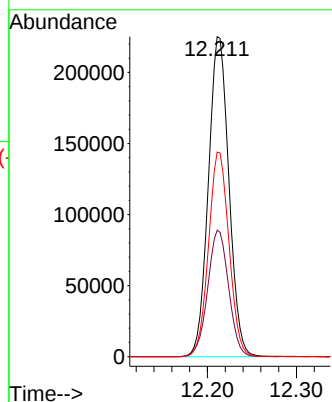
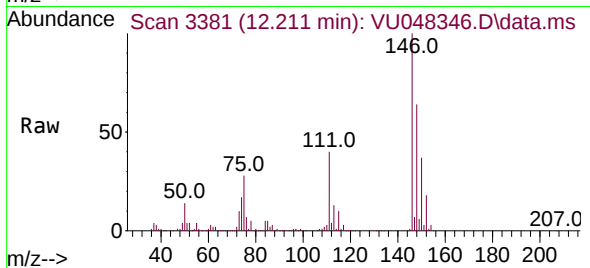
Tgt Ion:146 Resp: 360017

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 55.153 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

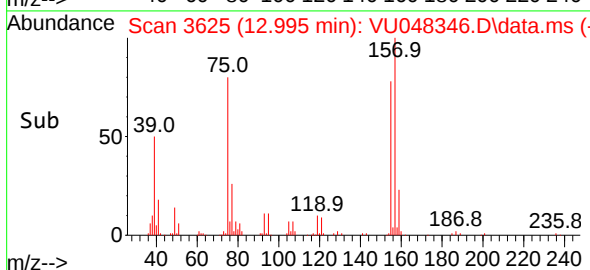
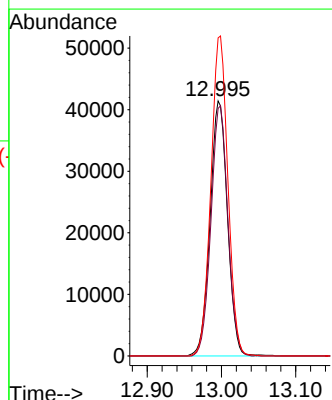
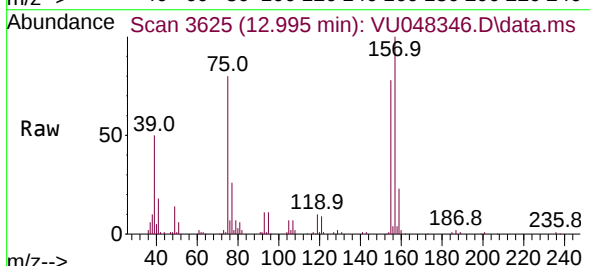
Tgt Ion: 75 Resp: 67200

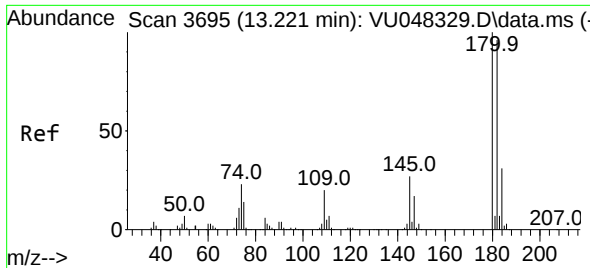
Ion Ratio Lower Upper

75 100

155 97.1 71.8 107.6

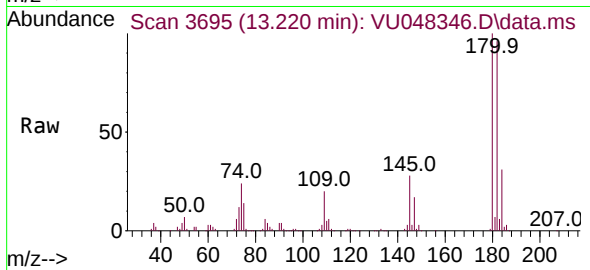
157 124.8 93.4 140.2



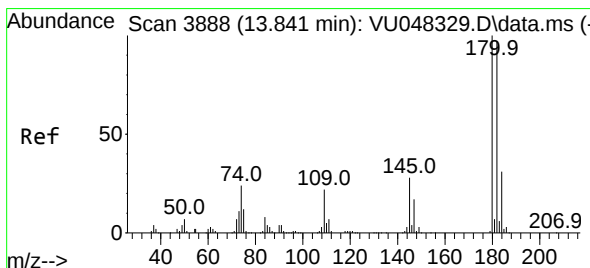
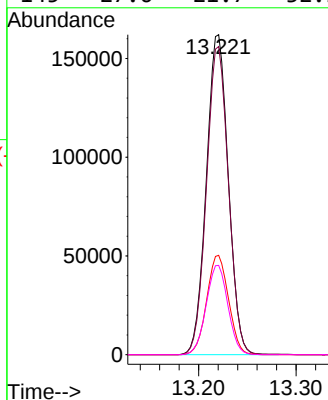
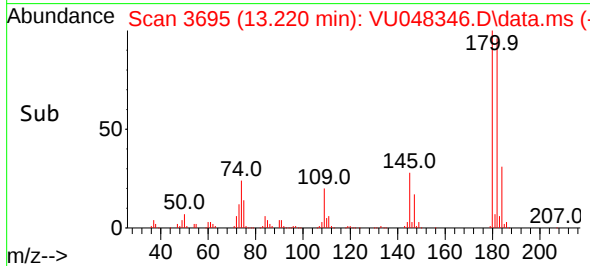


#69
 1,3,5-Trichlorobenzene
 Concen: 55.698 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12

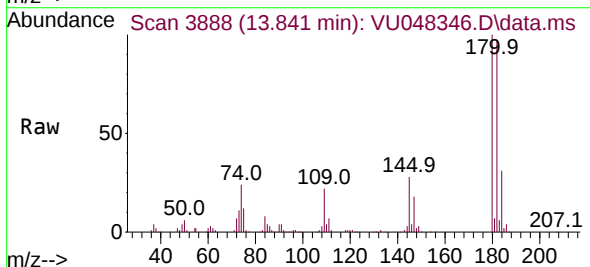
Instrument :
 MSVOA_U
 ClientSampleId :



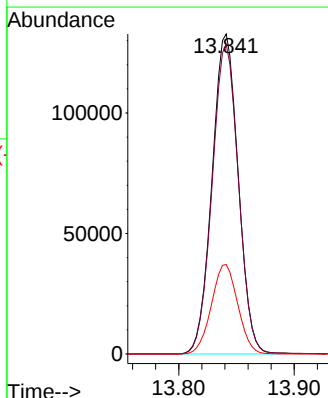
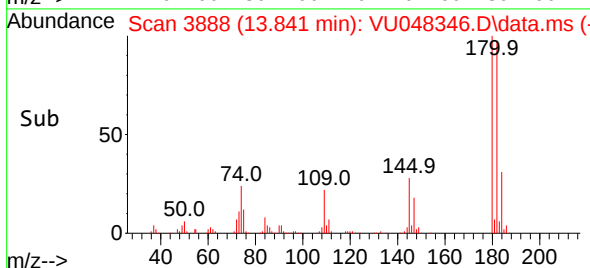
Tgt Ion:180 Resp: 253830
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.4
 184 30.9 24.6 37.0
 145 27.6 21.7 32.5

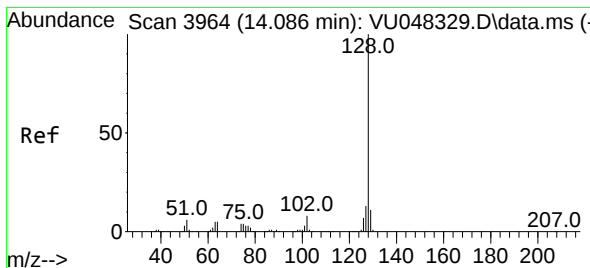


#70
 1,2,4-trichlorobenzene
 Concen: 57.987 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048346.D
 Acq: 28 Apr 2022 17:12



Tgt Ion:180 Resp: 208772
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.3 114.5
 145 28.2 22.6 33.8





#71

Naphthalene

Concen: 61.567 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

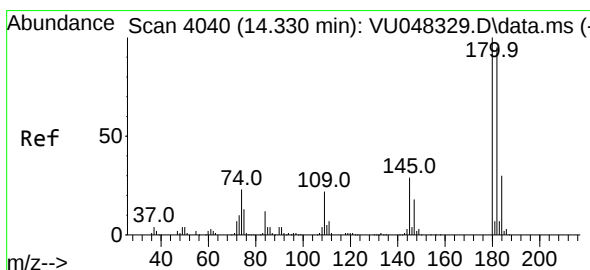
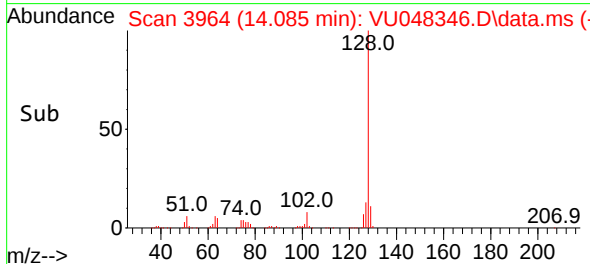
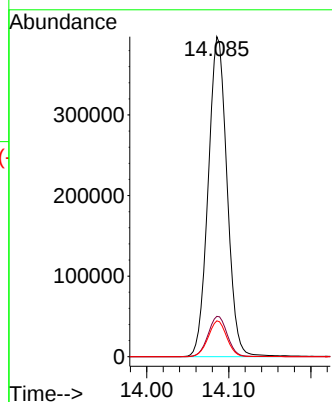
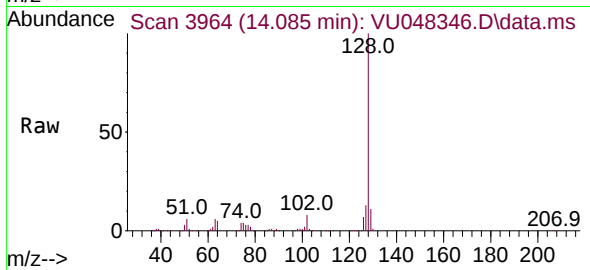
Tgt Ion:128 Resp: 634350

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 59.508 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU048346.D

Acq: 28 Apr 2022 17:12

Tgt Ion:180 Resp: 219568

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

145 29.4 23.5 35.3

