

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050347.D
 Acq On : 15 Aug 2022 17:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	106090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32966	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.909	69	28186	3.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	12686	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.633	46	114097	52.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	5.063	84	73196	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.703	65	37676	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.726	84	134178	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.690	67	47198	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.896	98	120521	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.179	79	16597	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.636	63	65907	49.021	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	44466	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	41378	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49884	5.129	ug/L	99
3) Chloromethane	1.520	50	56857	4.469	ug/L	99
5) Vinyl chloride	1.601	62	56767	4.981	ug/L	100
6) Bromomethane	1.855	94	21249	2.921	ug/L	98
8) Chloroethane	1.932	64	32562	4.848	ug/L	98
9) Trichlorofluoromethane	2.134	101	69831	5.595	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	42392	6.105	ug/L	97
12) 1,1-Dichloroethene	2.578	96	38288	5.221	ug/L	85
13) Acetone	2.642	43	75802	63.219	ug/L	93
14) Carbon disulfide	2.790	76	119189	4.551	ug/L	100
15) Methyl Acetate	2.957	43	19516	5.961	ug/L	93
16) Methylene chloride	3.044	84	50234	4.483	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	92921	4.855	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40961	4.989	ug/L	96
19) 1,1-Dichloroethane	3.867	63	81779	5.259	ug/L	99
21) 2-Butanone	4.710	43	126003	58.440	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	45128	4.952	ug/L	99
23) Bromochloromethane	4.977	128	21871	5.021	ug/L	98
25) Chloroform	5.089	83	85350	5.149	ug/L	99

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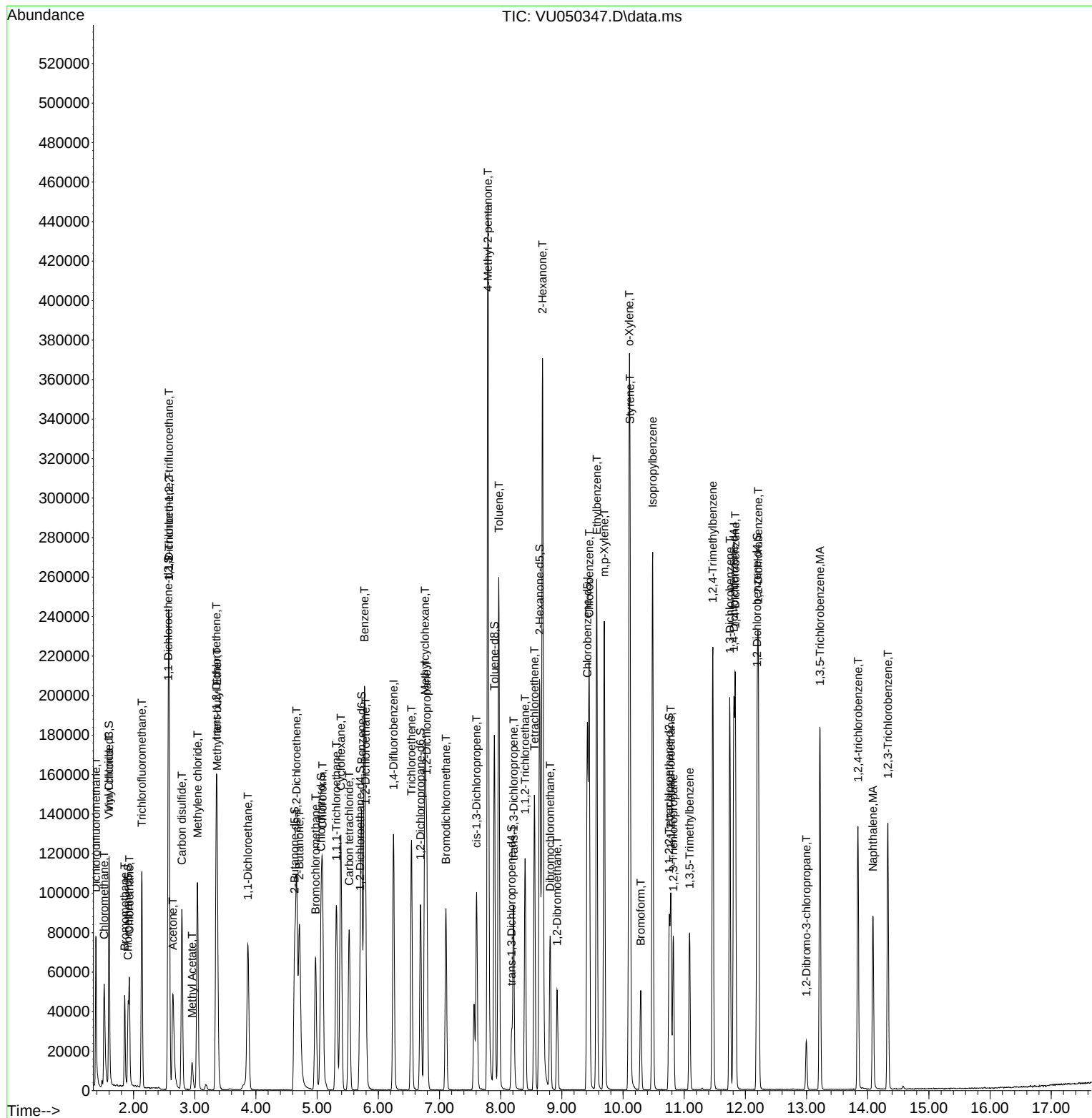
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	52347	5.189	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	68887	5.454	ug/L	98
30) Cyclohexane	5.388	56	58287	5.297	ug/L	100
31) Carbon tetrachloride	5.523	117	57020	5.508	ug/L	98
33) Benzene	5.774	78	184004	5.101	ug/L	100
34) Trichloroethene	6.542	95	44479	5.098	ug/L	98
35) Methylcyclohexane	6.764	83	61160	5.431	ug/L	97
37) 1,2-Dichloropropane	6.790	63	49802	5.183	ug/L	100
38) Bromodichloromethane	7.105	83	60466	5.181	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	61232	4.883	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	292953	52.640	ug/L	99
42) Toluene	7.970	91	192358	5.317	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53502	4.975	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	36730	5.114	ug/L	97
47) Tetrachloroethene	8.552	164	32940	5.270	ug/L	96
48) 2-Hexanone	8.684	43	230650	53.586	ug/L	99
49) Dibromochloromethane	8.809	129	40776	5.129	ug/L	96
50) 1,2-Dibromoethane	8.922	107	33548	5.151	ug/L	100
51) Chlorobenzene	9.446	112	114493	5.030	ug/L	99
52) Ethylbenzene	9.571	91	178487	5.056	ug/L	99
53) m,p-Xylene	9.693	106	69529	5.348	ug/L	98
54) o-Xylene	10.102	106	66792	5.147	ug/L	99
55) Styrene	10.115	104	112656	5.196	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	48784	5.169	ug/L	99
59) Bromoform	10.288	173	23084	4.726	ug/L	98
60) Isopropylbenzene	10.484	105	170647	5.246	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	33352	5.027	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	44234	4.813	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	121846	4.866	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	80668	4.920	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	80207	5.028	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	78307	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6817	5.240	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	57532	4.926	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	41395	4.678	ug/L	98
71) Naphthalene	14.086	128	72895	4.017	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41601	4.638	ug/L	99

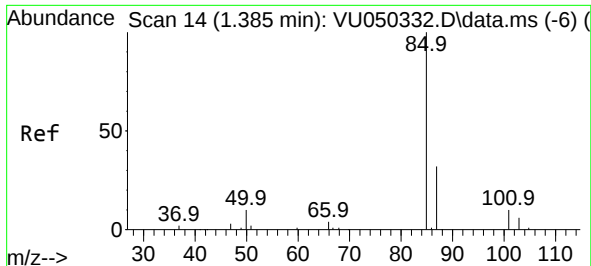
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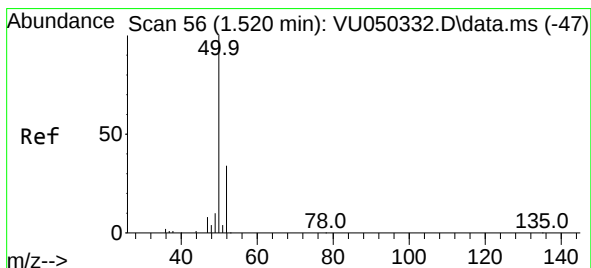
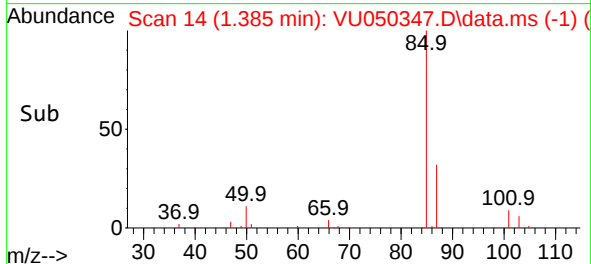
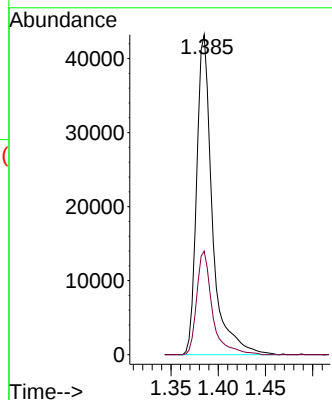
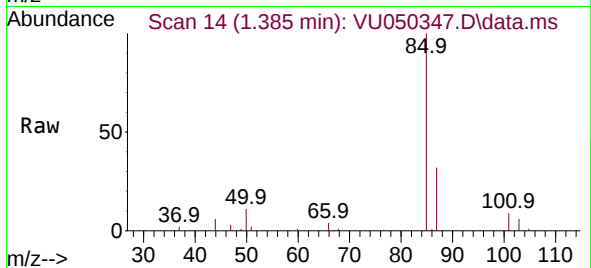




#2
Dichlorodifluoromethane
Concen: 5.129 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

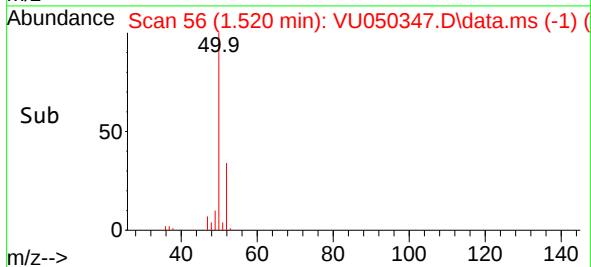
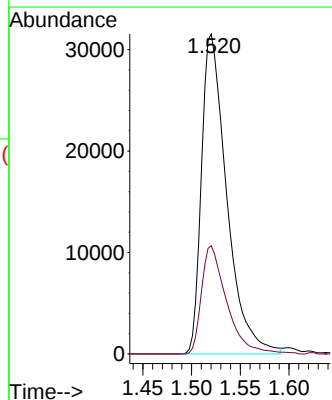
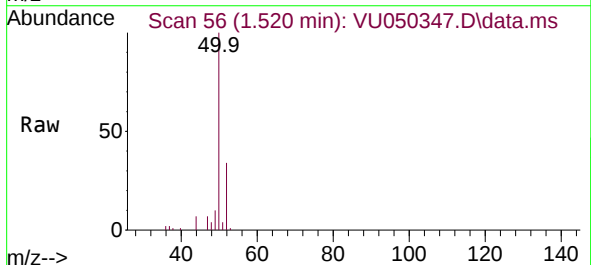
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MSVOA_U
ClientSampleId :

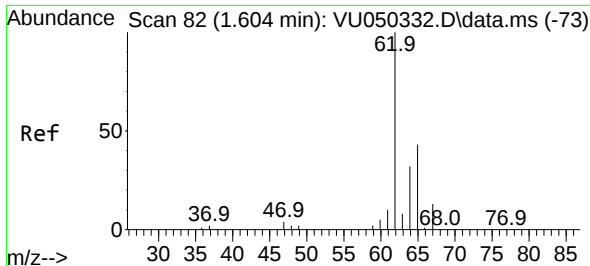
Tgt Ion: 85 Resp: 49884
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 4.469 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 50 Resp: 56857
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2

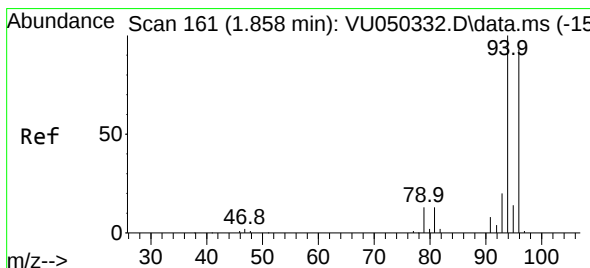
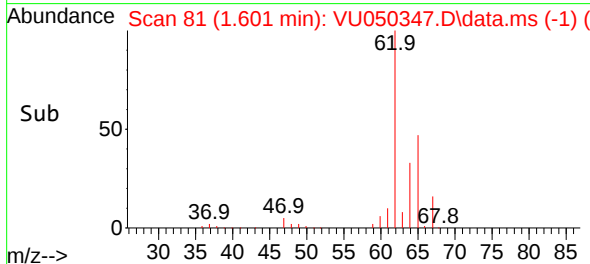
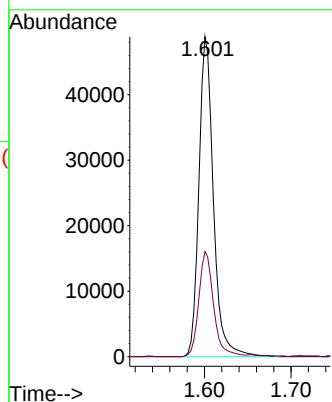
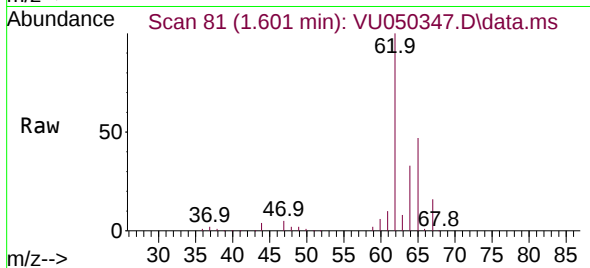




#5
 Vinyl chloride
 Concen: 4.981 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050347.D
 Acq: 15 Aug 2022 17:33

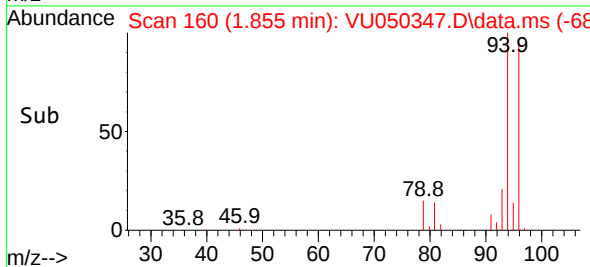
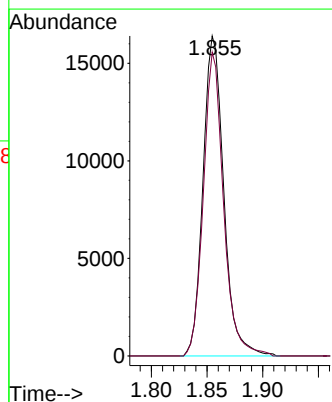
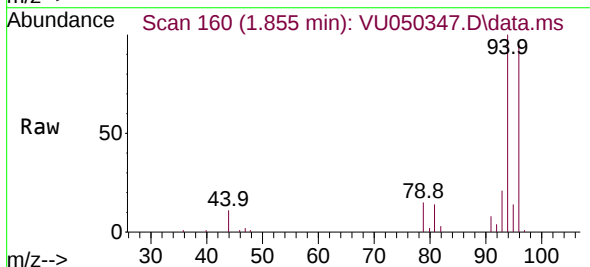
Instrument :
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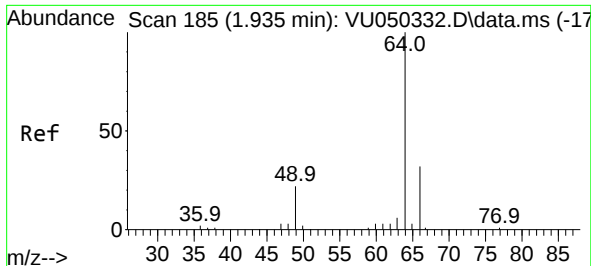
Tgt Ion: 62 Resp: 56767
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 2.921 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU050347.D
 Acq: 15 Aug 2022 17:33

Tgt Ion: 94 Resp: 21249
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.3 121.3

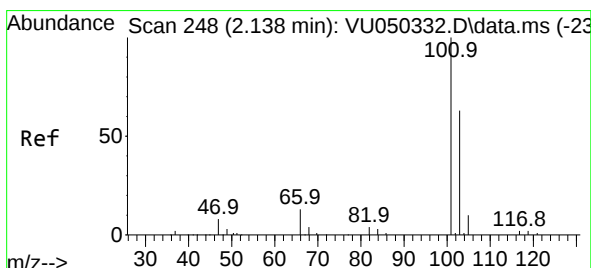
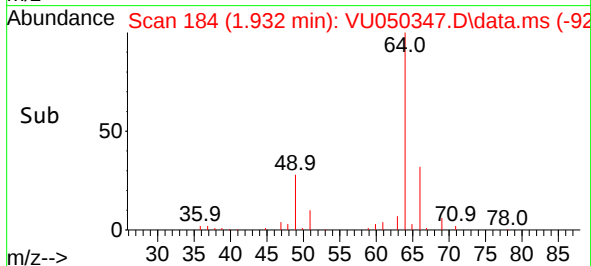
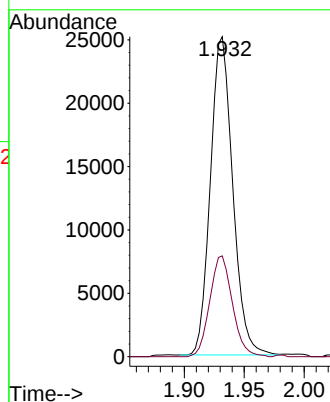
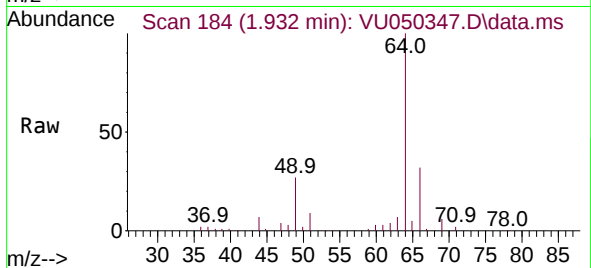




#8
Chloroethane
Concen: 4.848 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

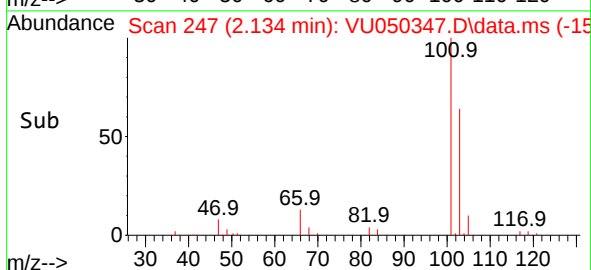
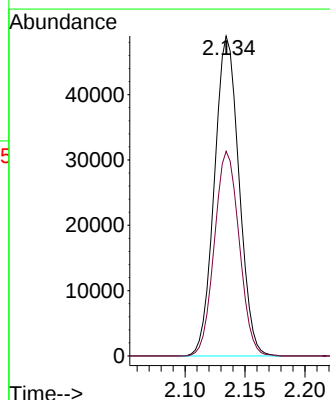
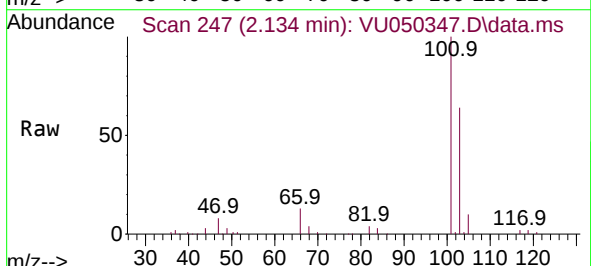
Instrument :
MSVOA_U
ClientSampleId :

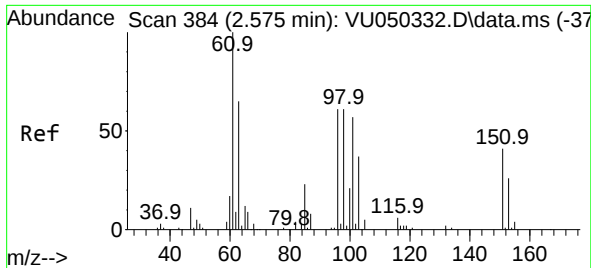
Tgt Ion: 64 Resp: 32562
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.595 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion:101 Resp: 69831
Ion Ratio Lower Upper
101 100
103 64.5 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.105 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050347.D

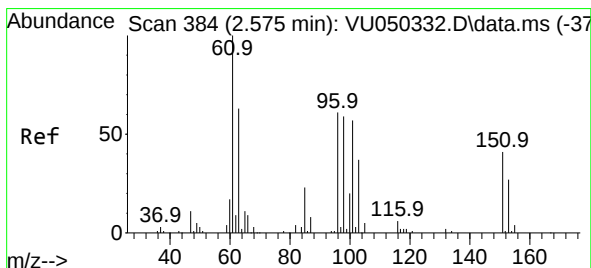
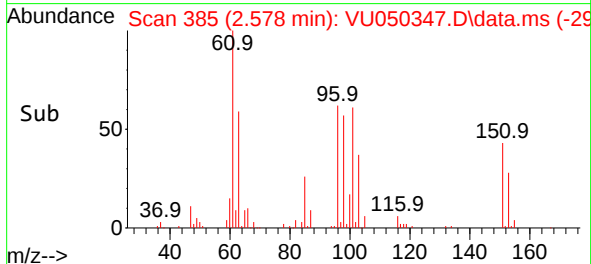
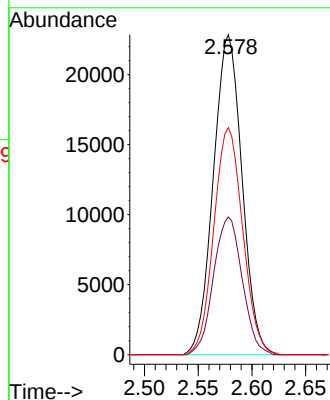
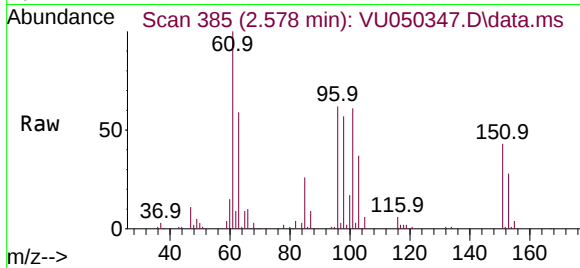
Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	42392
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.6	53.4
151	71.6	55.2	82.8



#12

1,1-Dichloroethene

Concen: 5.221 ug/L

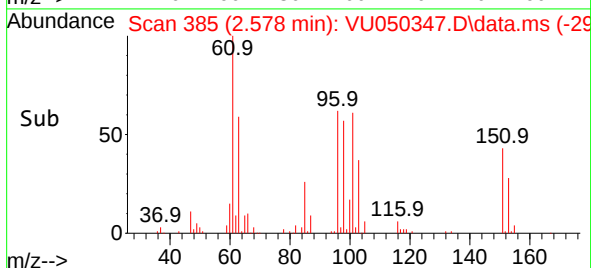
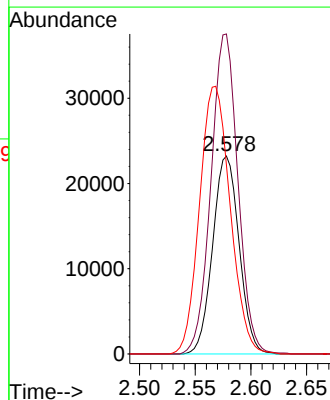
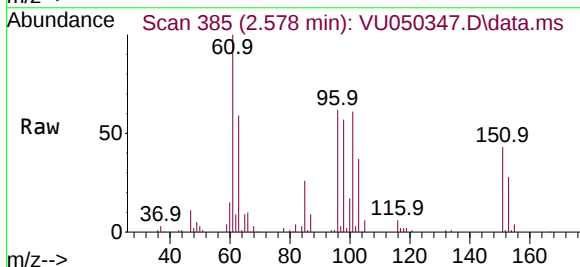
RT: 2.578 min Scan# 385

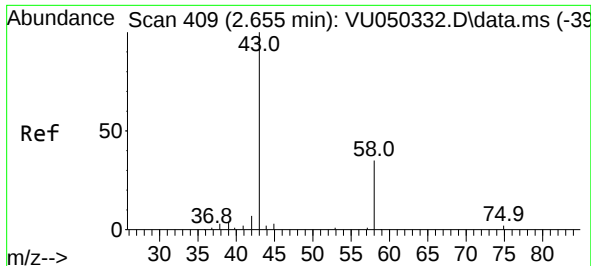
Delta R.T. 0.003 min

Lab File: VU050347.D

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Tgt Ion:	96	Resp:	38288
Ion	Ratio	Lower	Upper
96	100		
61	161.7	122.7	227.9
63	95.4	85.1	158.1

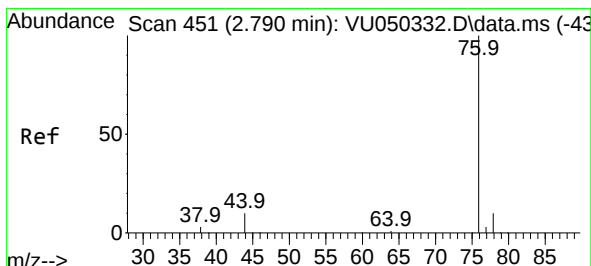
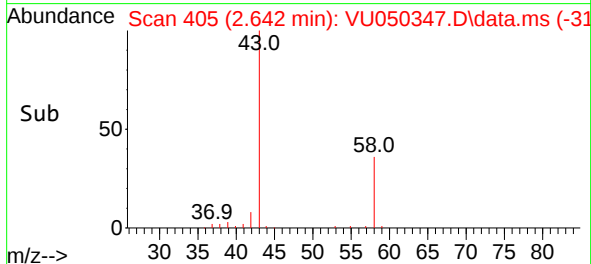
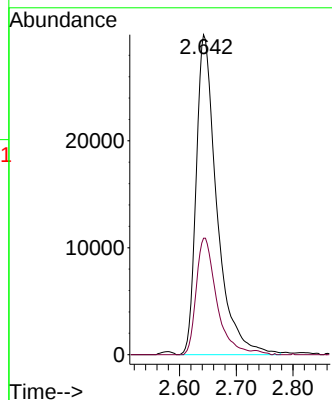
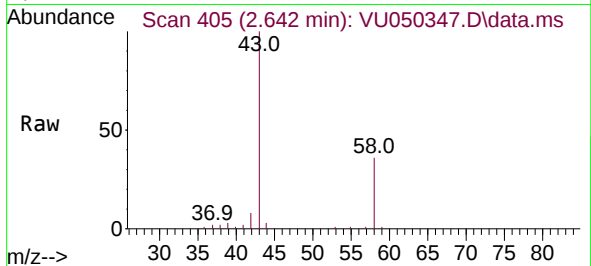




#13
Acetone
Concen: 63.219 ug/L
RT: 2.642 min Scan# 409
Delta R.T. -0.013 min
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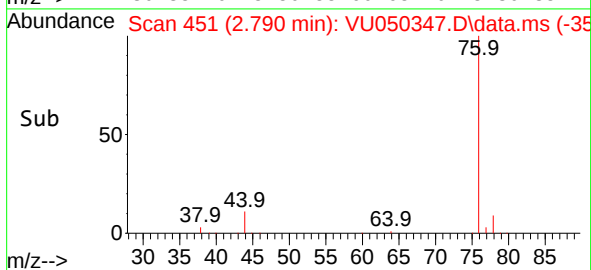
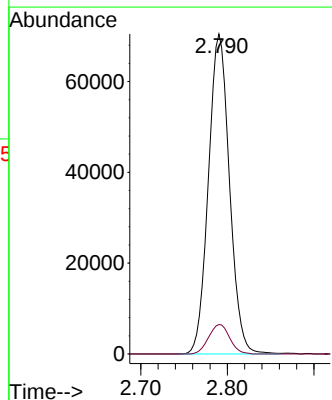
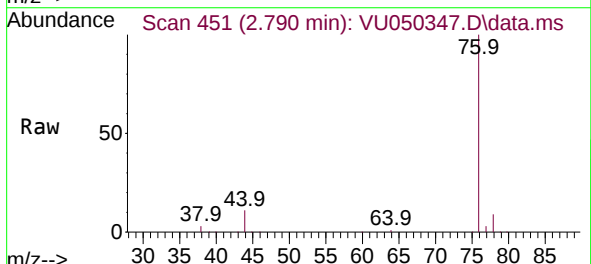
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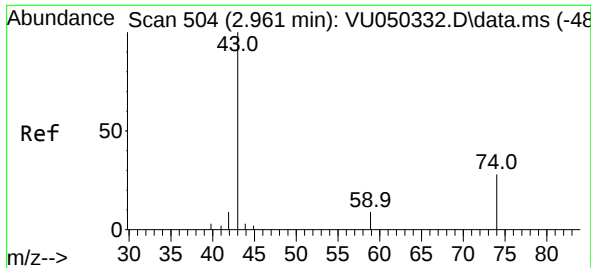
Tgt Ion: 43 Resp: 75802
Ion Ratio Lower Upper
43 100
58 35.8 0.0 64.0



#14
Carbon disulfide
Concen: 4.551 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 119189
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

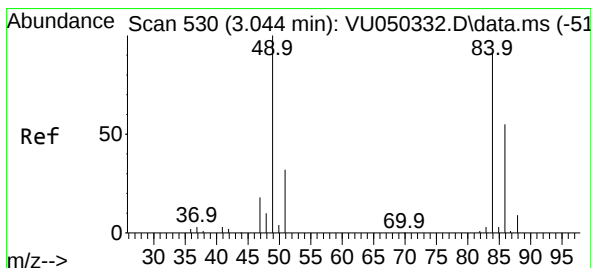
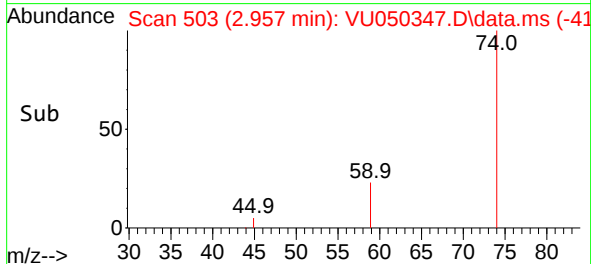
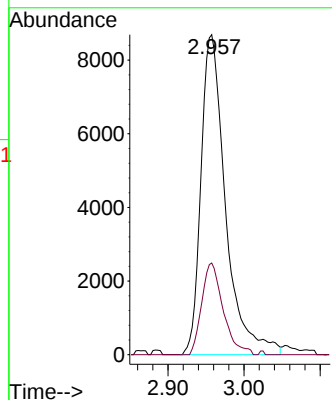
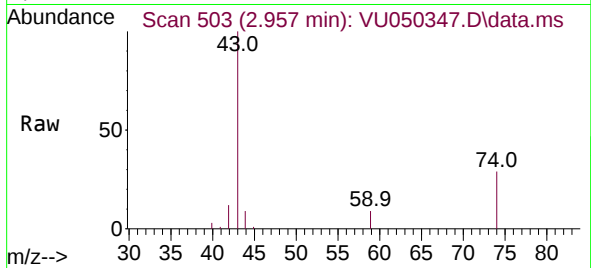




#15
Methyl Acetate
Concen: 5.961 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

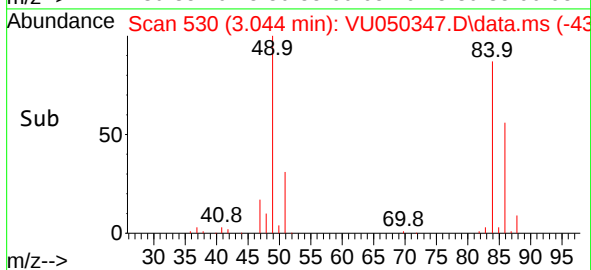
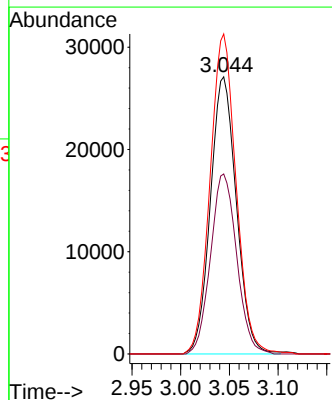
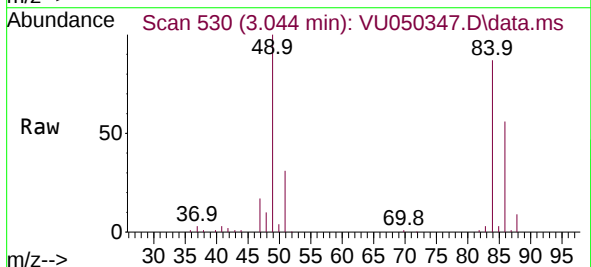
Instrument :
MSVOA_U
ClientSampleId :

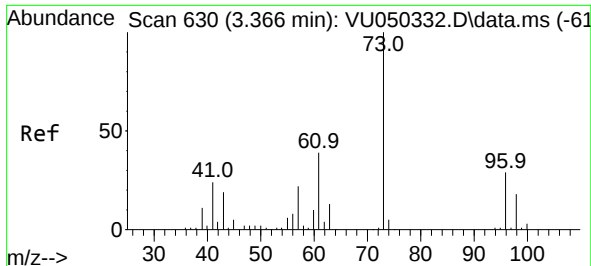
Tgt Ion: 43 Resp: 19516
Ion Ratio Lower Upper
43 100
74 24.9 22.7 34.1



#16
Methylene chloride
Concen: 4.483 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 84 Resp: 50234
Ion Ratio Lower Upper
84 100
86 65.0 45.9 85.3
49 115.5 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 4.855 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050347.D

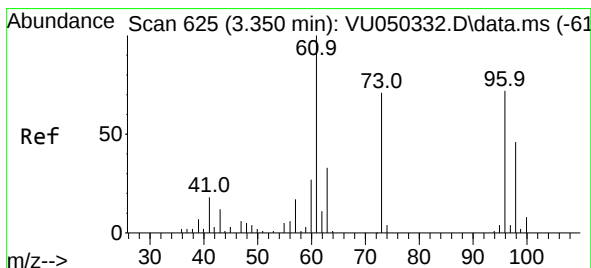
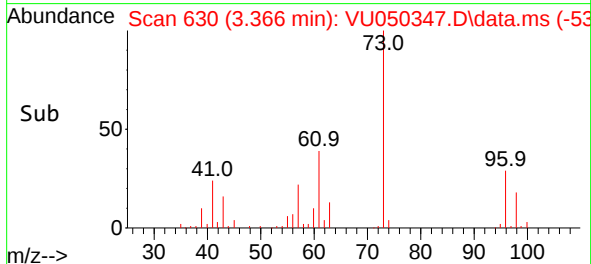
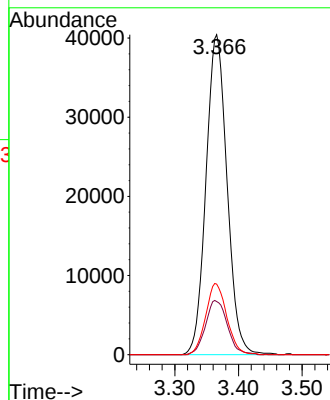
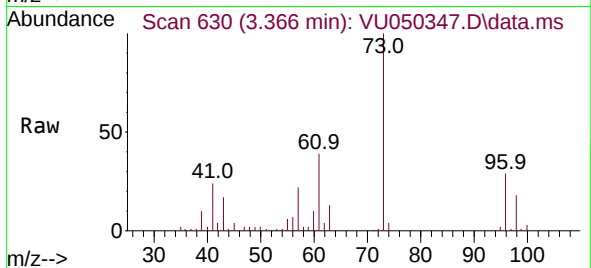
Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 92921
Ion Ratio	Lower Upper
73 100	
43 17.6	13.5 20.3
57 22.2	17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 4.989 ug/L

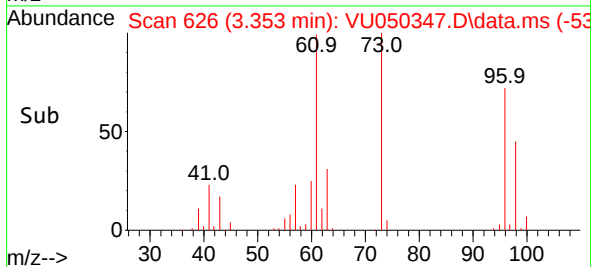
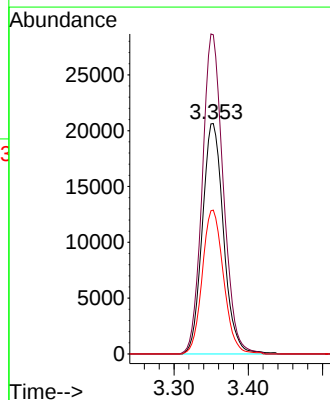
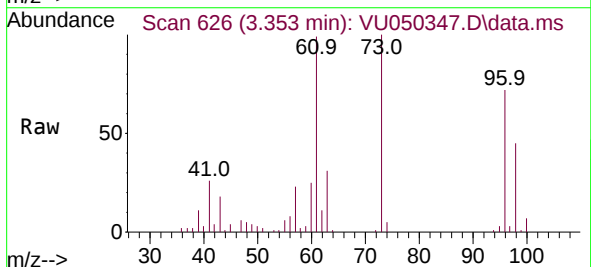
RT: 3.353 min Scan# 626

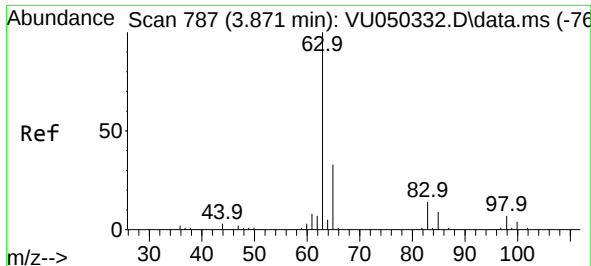
Delta R.T. 0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Tgt Ion: 96	Resp: 40961
Ion Ratio	Lower Upper
96 100	
61 138.6	92.3 171.5
98 62.5	43.2 80.2

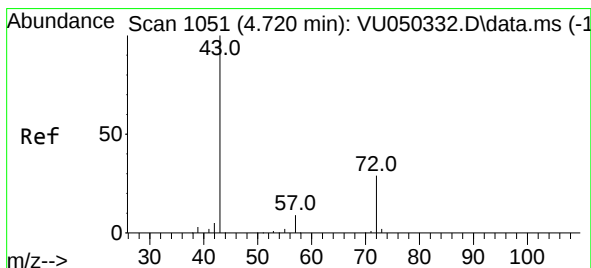
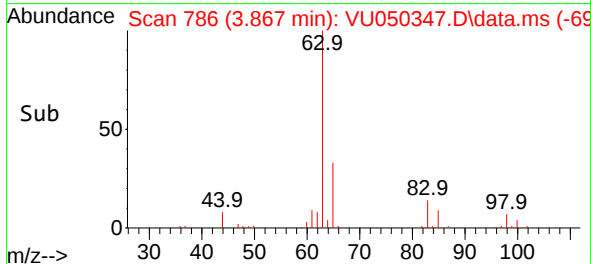
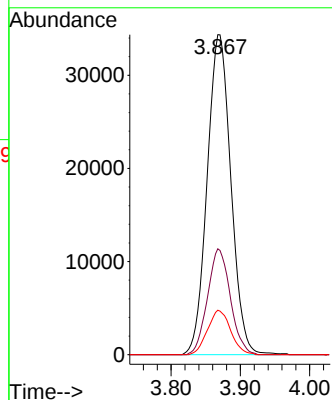
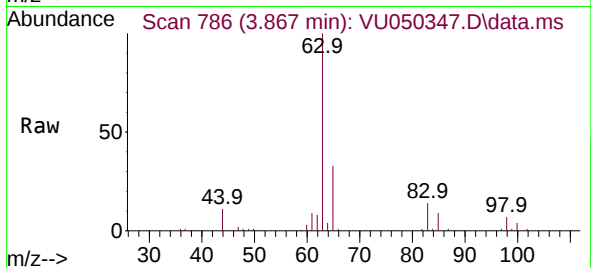




#19
1,1-Dichloroethane
Concen: 5.259 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

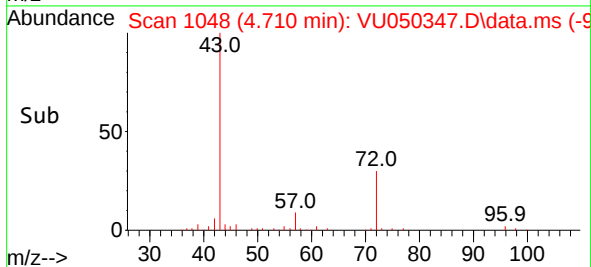
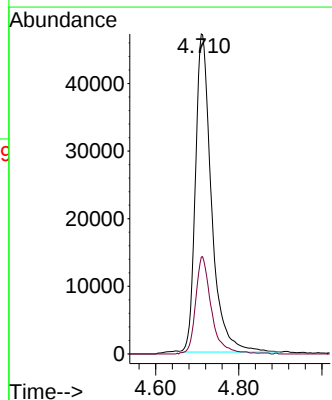
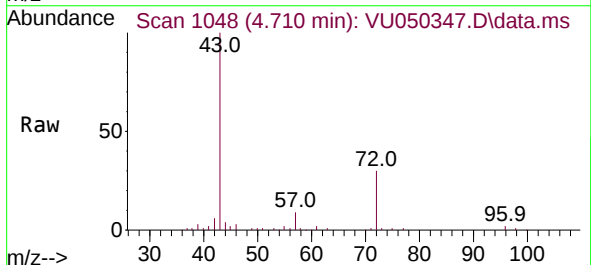
Instrument :
MSVOA_U
ClientSampleId :

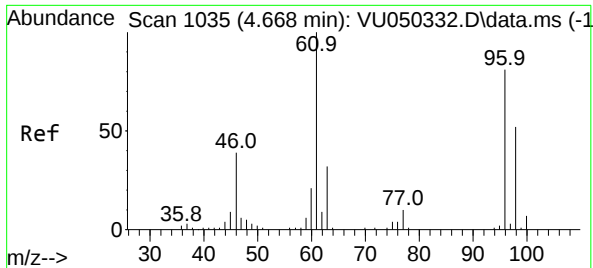
Tgt Ion: 63 Resp: 81779
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.3
83 13.9 9.8 18.2



#21
2-Butanone
Concen: 58.440 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 43 Resp: 126003
Ion Ratio Lower Upper
43 100
72 29.7 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 4.952 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

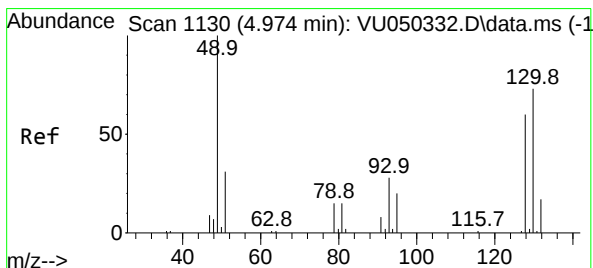
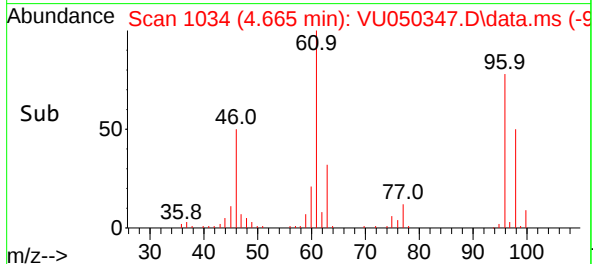
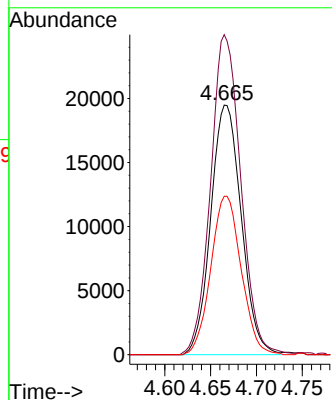
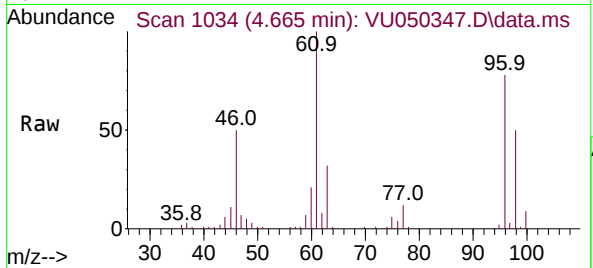
Tgt Ion: 96 Resp: 45128

Ion Ratio Lower Upper

96 100

61 128.2 89.0 165.4

98 63.5 45.2 84.0



#23

Bromochloromethane

Concen: 5.021 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Tgt Ion:128 Resp: 21871

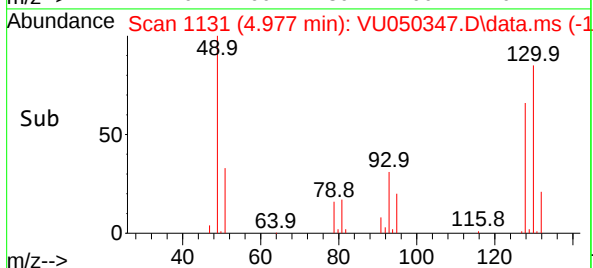
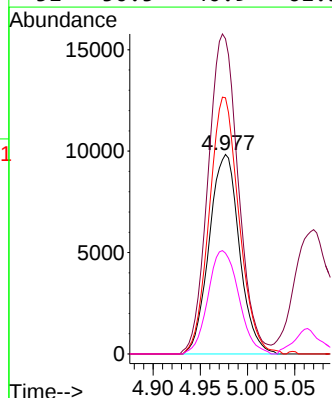
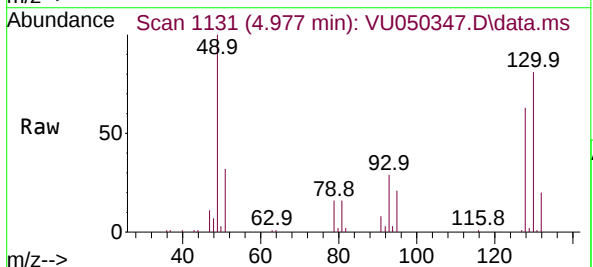
Ion Ratio Lower Upper

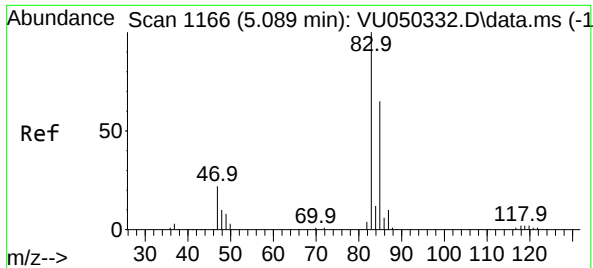
128 100

49 163.0 111.4 206.8

130 128.4 90.2 167.4

51 50.5 40.9 61.3

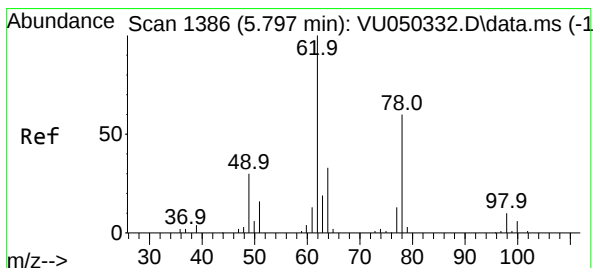
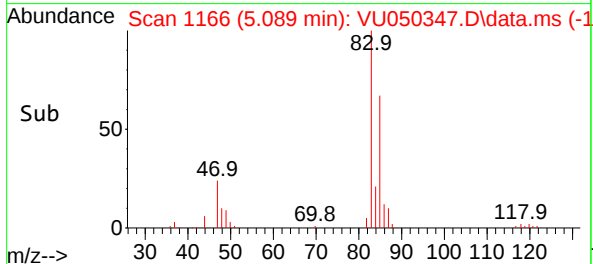
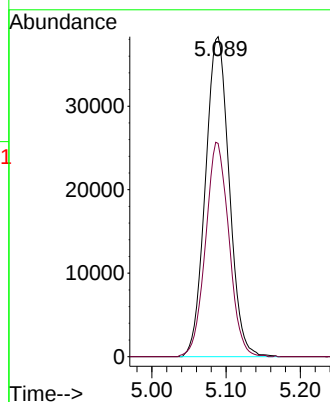
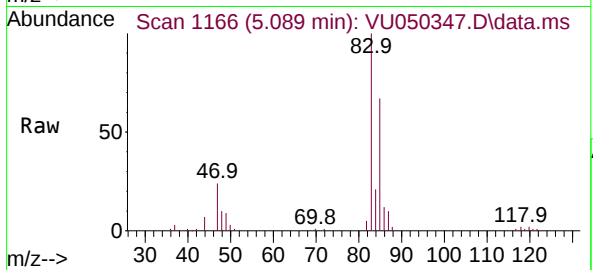




#25
Chloroform
Concen: 5.149 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

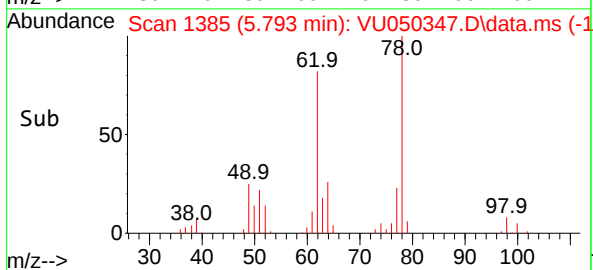
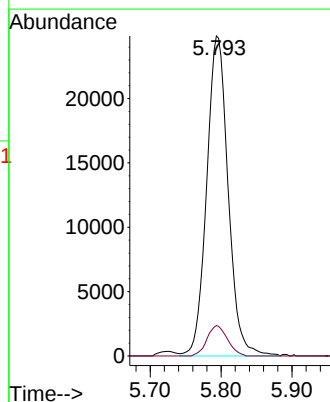
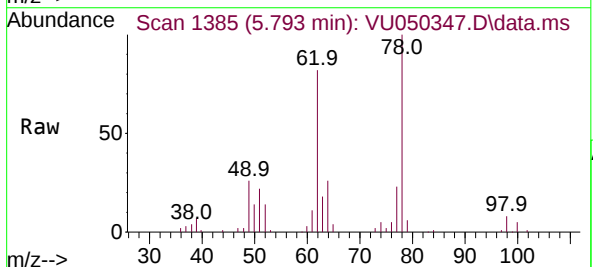
Instrument :
MSVOA_U
ClientSampleId :

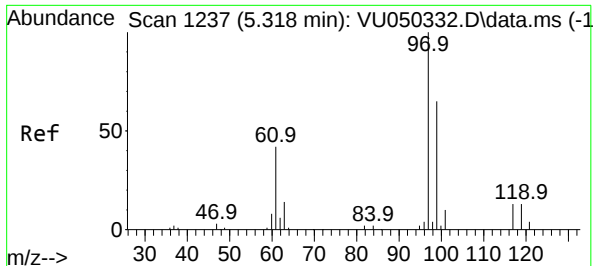
Tgt Ion: 83 Resp: 85350
Ion Ratio Lower Upper
83 100
85 66.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.189 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 62 Resp: 52347
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.454 ug/L

RT: 5.314 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

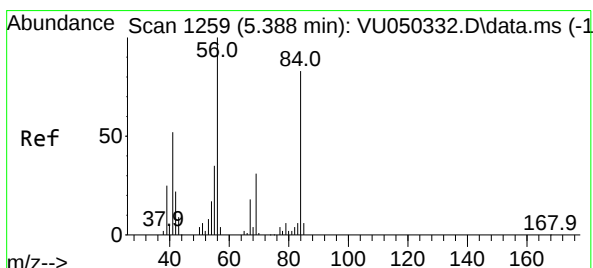
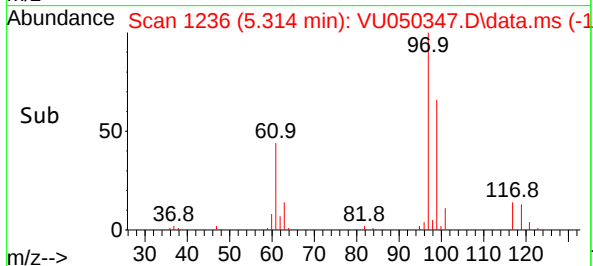
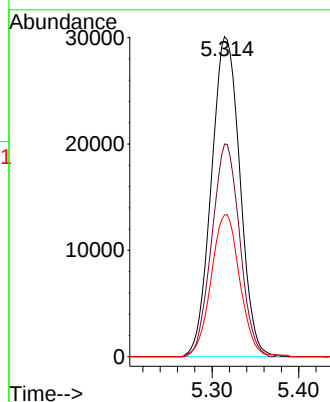
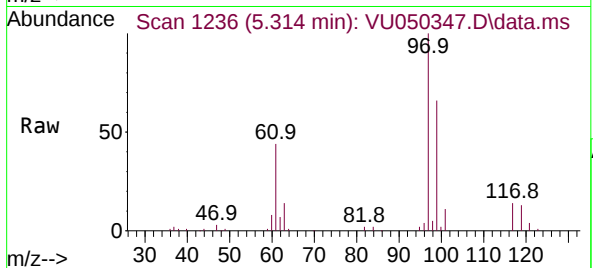
Tgt Ion: 97 Resp: 68887

Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 44.4 34.2 51.4



#30

Cyclohexane

Concen: 5.297 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

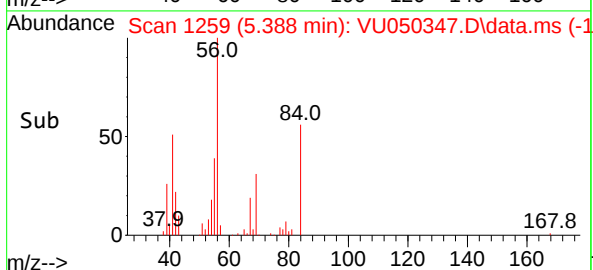
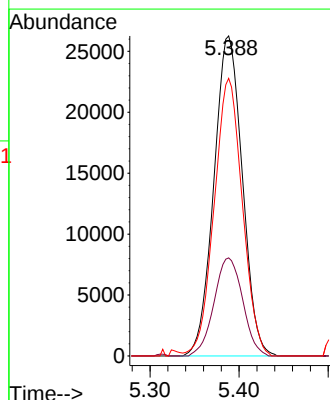
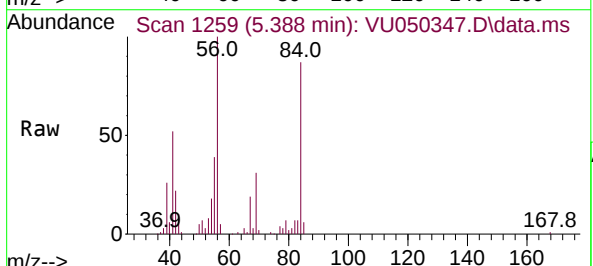
Tgt Ion: 56 Resp: 58287

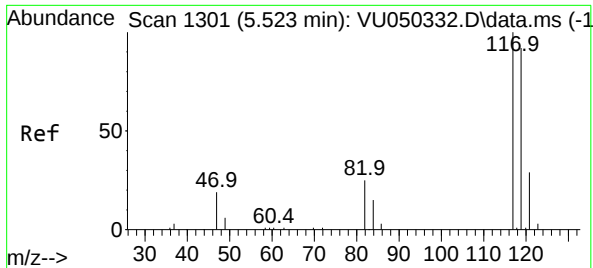
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

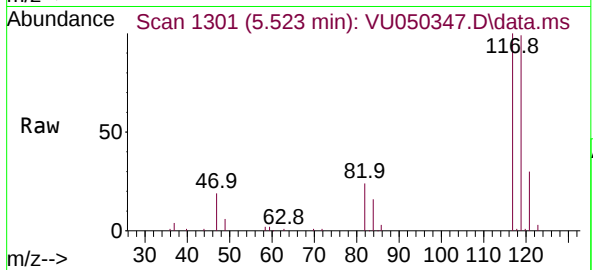
84 85.9 69.1 103.7



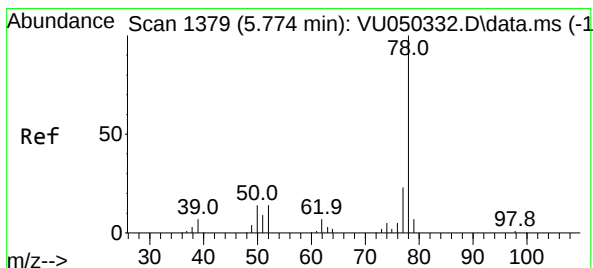
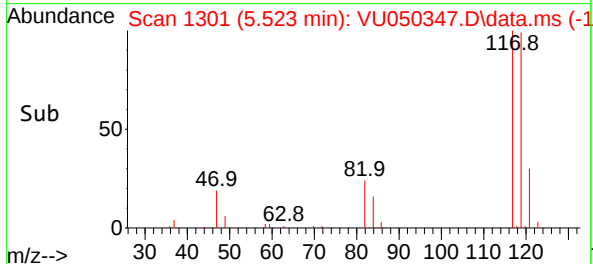
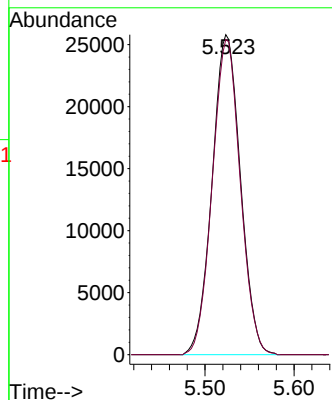


#31
Carbon tetrachloride
Concen: 5.508 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :

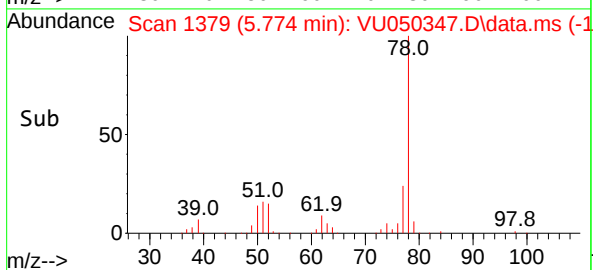
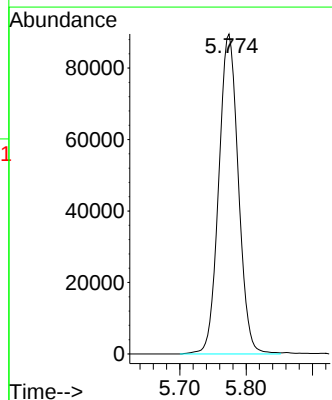
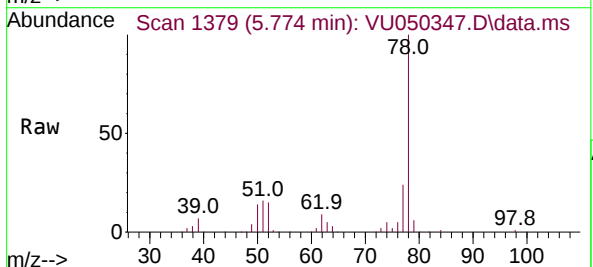


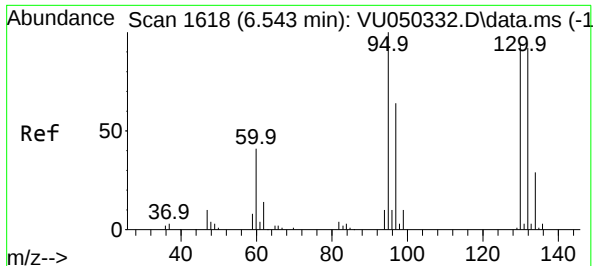
Tgt Ion:117 Resp: 57020
Ion Ratio Lower Upper
117 100
119 97.1 76.0 114.0



#33
Benzene
Concen: 5.101 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 78 Resp: 184004

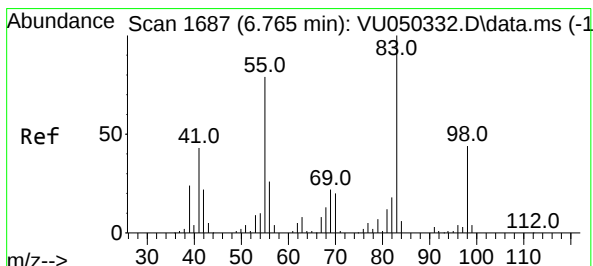
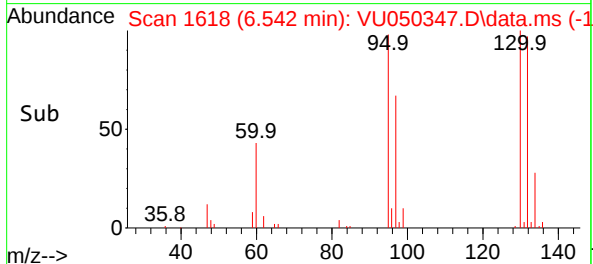
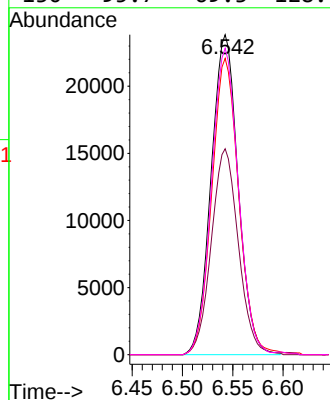
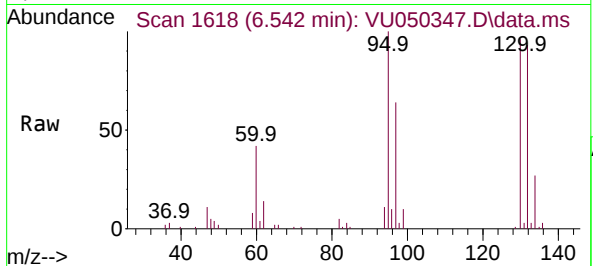




#34
Trichloroethene
Concen: 5.098 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

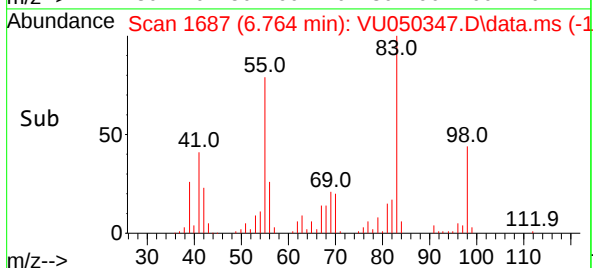
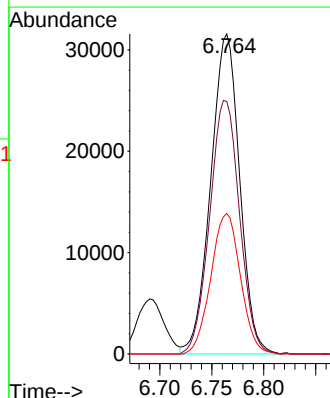
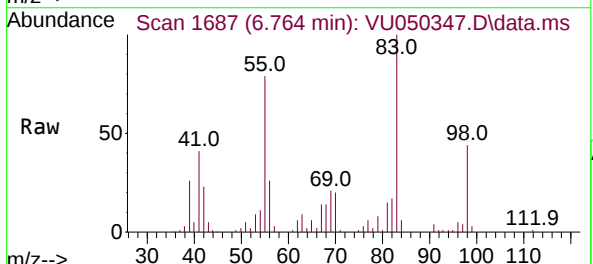
Instrument :
MSVOA_U
ClientSampleId :

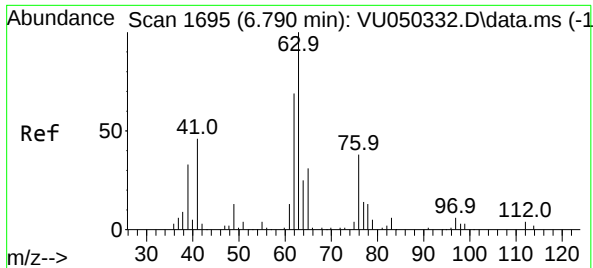
Tgt Ion: 95 Resp: 44479
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 92.6 65.0 120.6
130 95.7 69.3 128.7



#35
Methylcyclohexane
Concen: 5.431 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 83 Resp: 61160
Ion Ratio Lower Upper
83 100
55 81.7 62.7 94.1
98 44.8 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.183 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

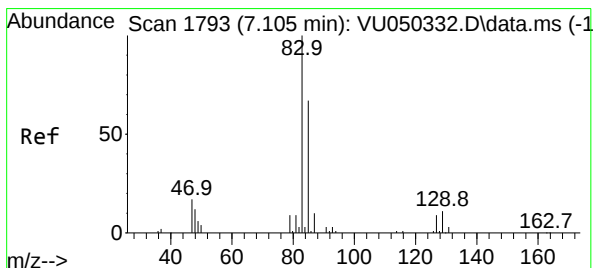
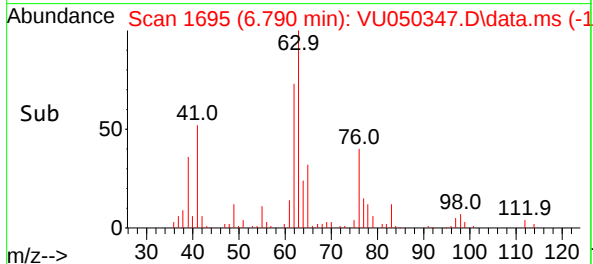
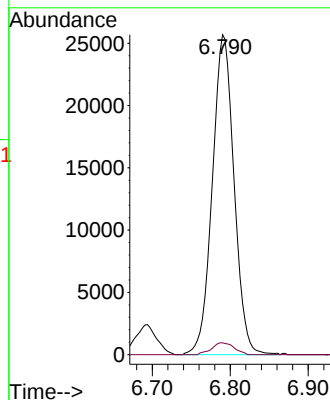
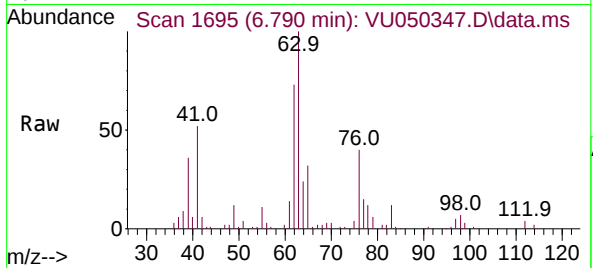
ClientSampleId :

Tgt Ion: 63 Resp: 49802

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 5.181 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

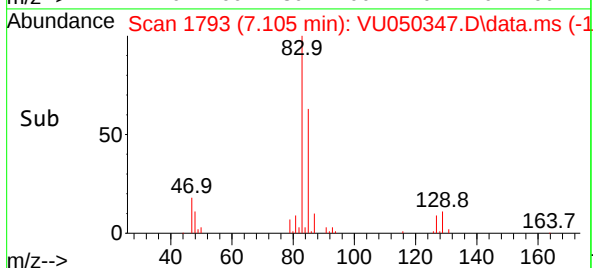
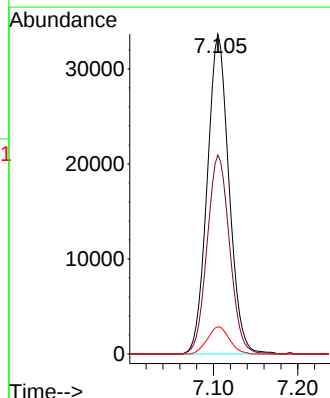
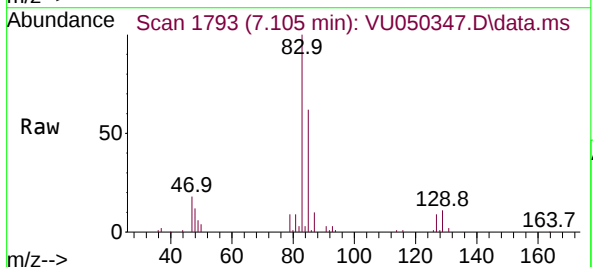
Tgt Ion: 83 Resp: 60466

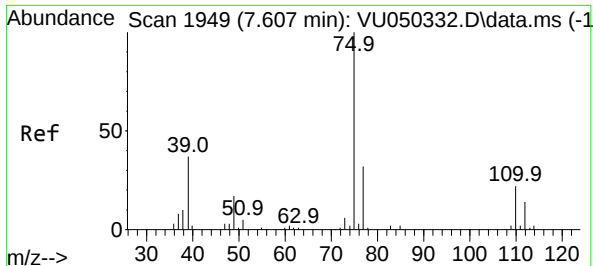
Ion Ratio Lower Upper

83 100

85 62.1 45.1 83.7

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.883 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

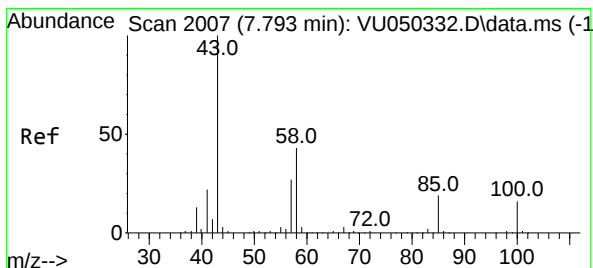
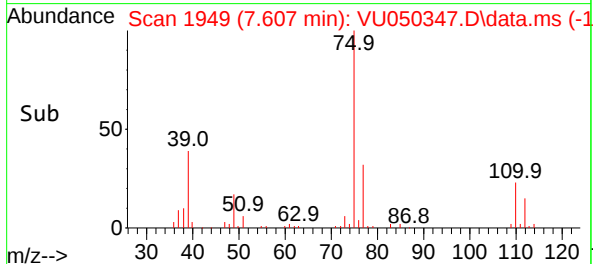
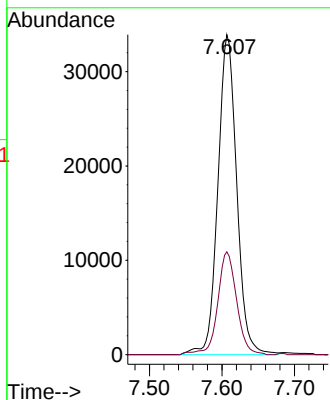
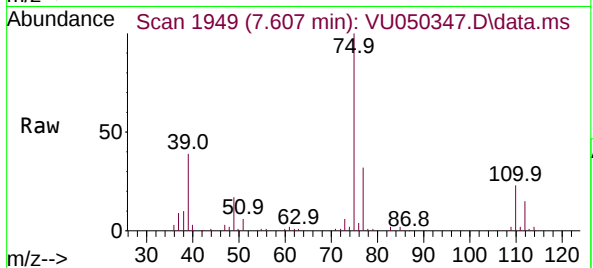
ClientSampleId :

Tgt Ion: 75 Resp: 61232

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 52.640 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

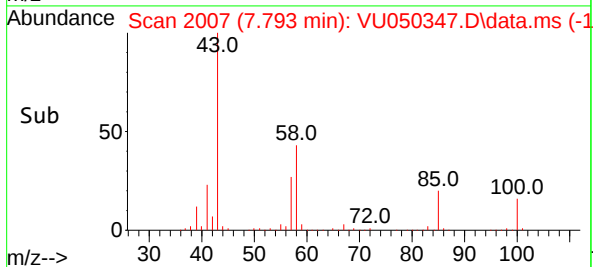
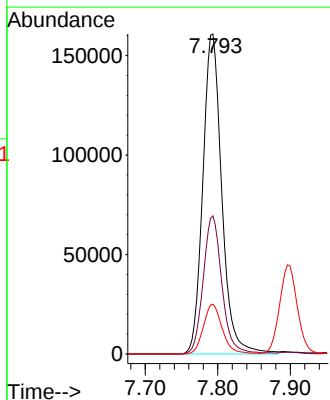
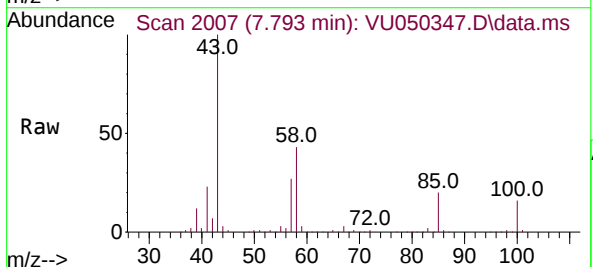
Tgt Ion: 43 Resp: 292953

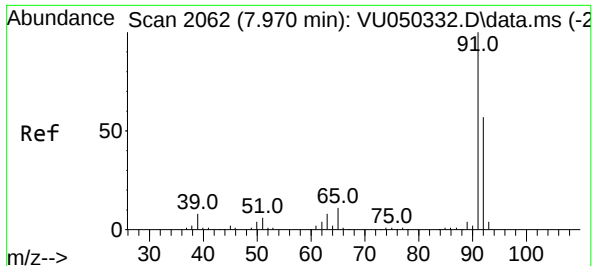
Ion Ratio Lower Upper

43 100

58 42.5 34.6 51.8

100 15.5 13.0 19.4

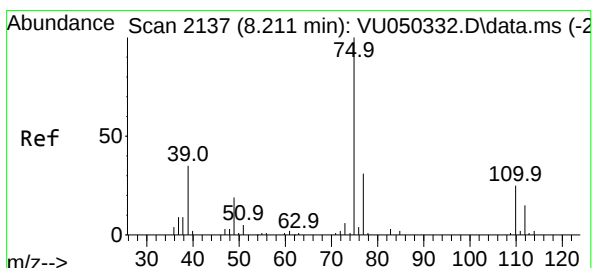
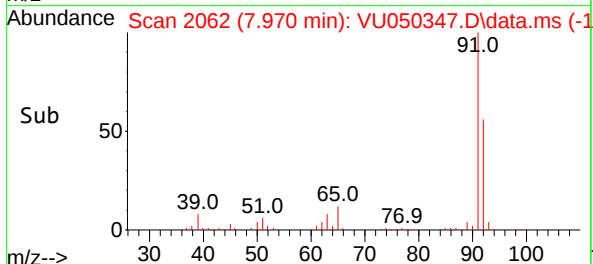
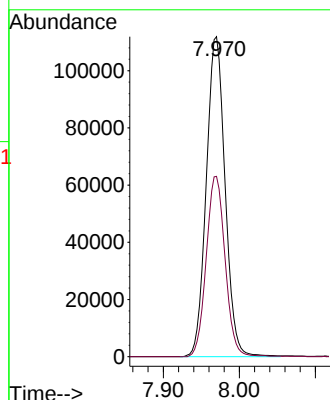
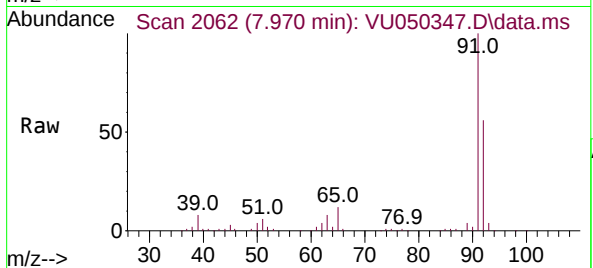




#42
Toluene
Concen: 5.317 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

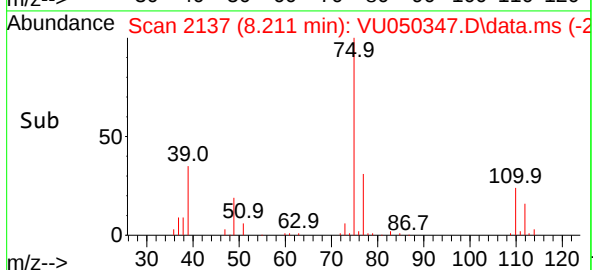
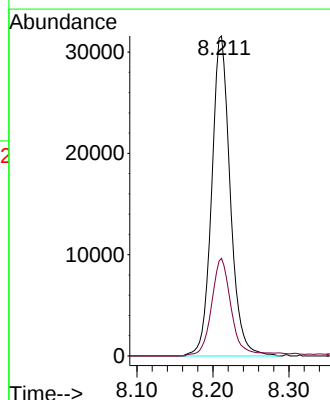
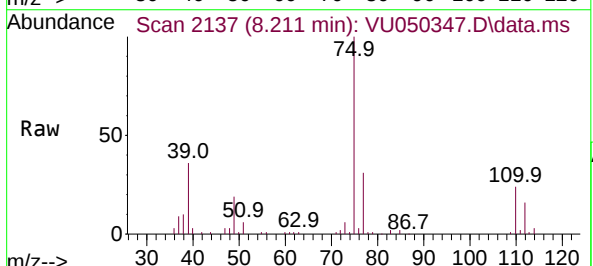
Instrument :
MSVOA_U
ClientSampleId :

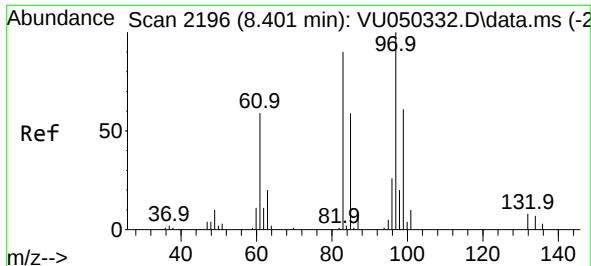
Tgt Ion: 91 Resp: 192358
Ion Ratio Lower Upper
91 100
92 56.4 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 4.975 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 75 Resp: 53502
Ion Ratio Lower Upper
75 100
77 30.5 22.0 40.8

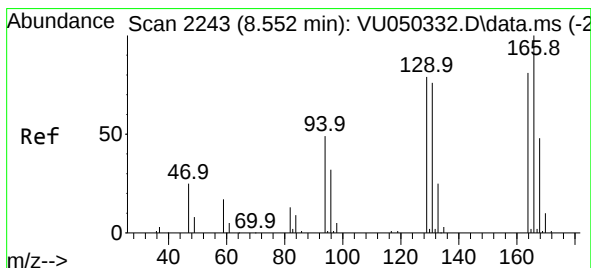
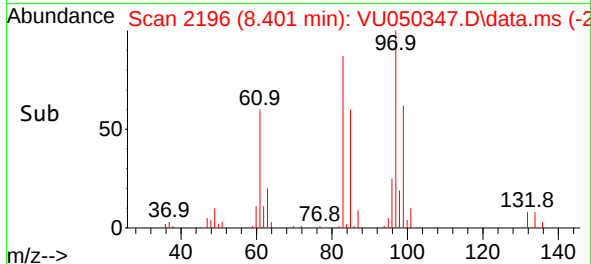
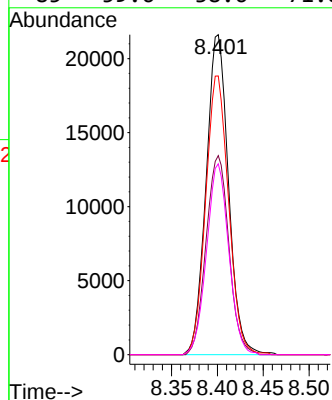
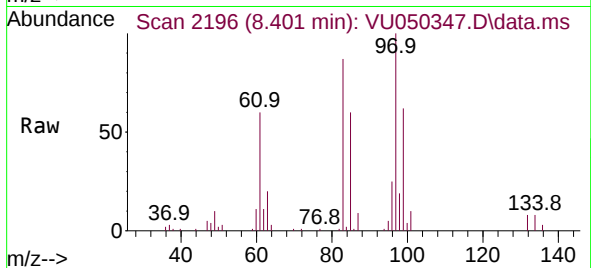




#45
1,1,2-Trichloroethane
Concen: 5.114 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

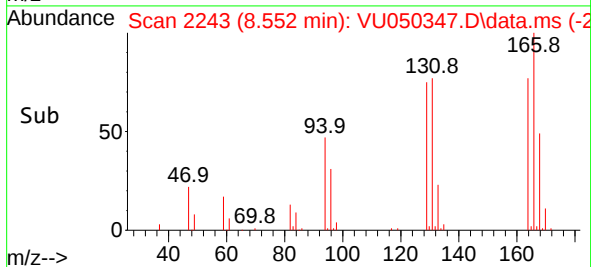
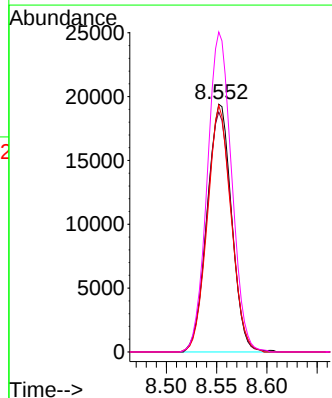
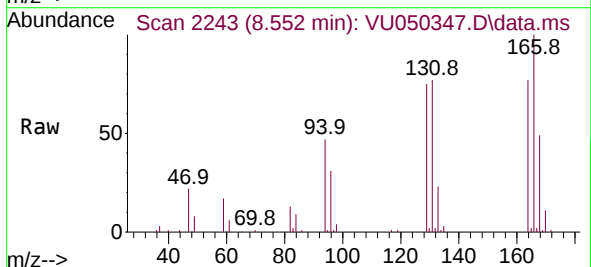
Instrument :
MSVOA_U
ClientSampleId :

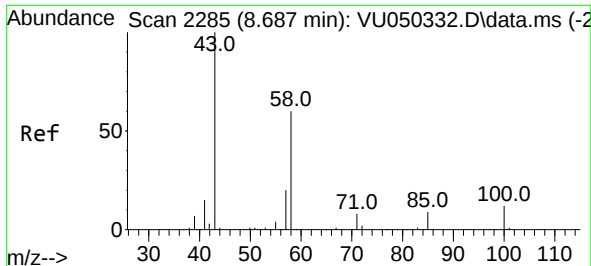
Tgt Ion:	97	Resp:	36730
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.2	78.4
83	87.1	59.6	110.6
85	59.6	38.6	71.8



#47
Tetrachloroethene
Concen: 5.270 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion:	164	Resp:	32940
Ion	Ratio	Lower	Upper
164	100		
129	96.9	69.0	128.1
131	99.6	65.8	122.2
166	129.2	86.1	159.9





#48

2-Hexanone

Concen: 53.586 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.003 min

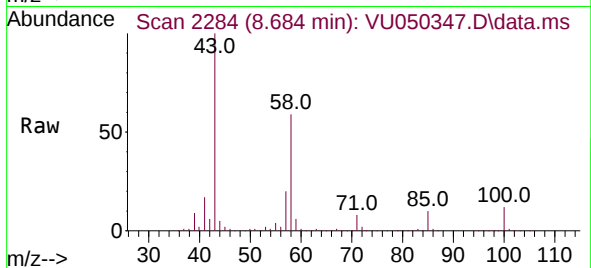
Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 230650

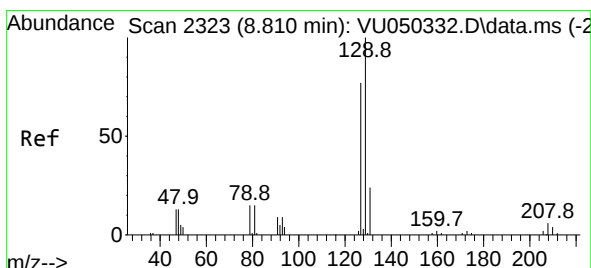
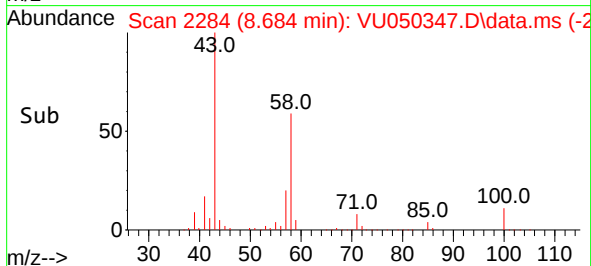
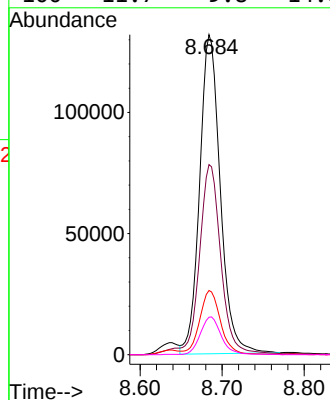
Ion Ratio Lower Upper

43 100

58 62.9 50.6 76.0

57 20.7 16.0 24.0

100 11.7 9.8 14.8



#49

Dibromochloromethane

Concen: 5.129 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU050347.D

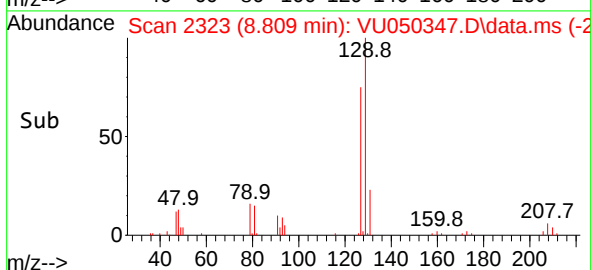
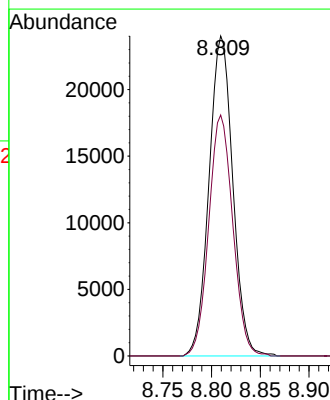
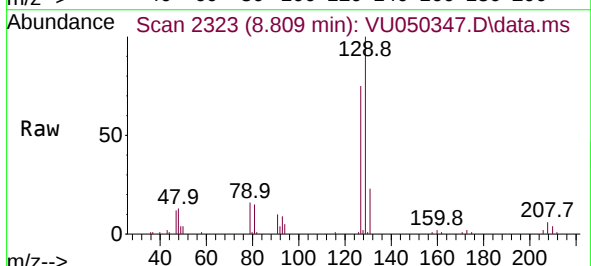
Acq: 15 Aug 2022 17:33

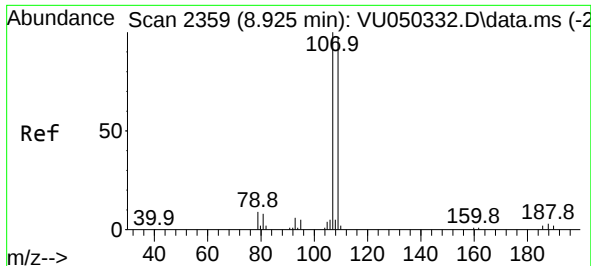
Tgt Ion: 129 Resp: 40776

Ion Ratio Lower Upper

129 100

127 75.3 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.151 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

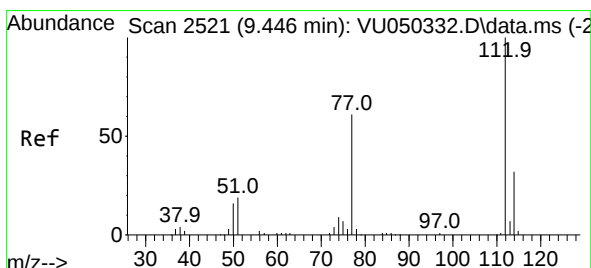
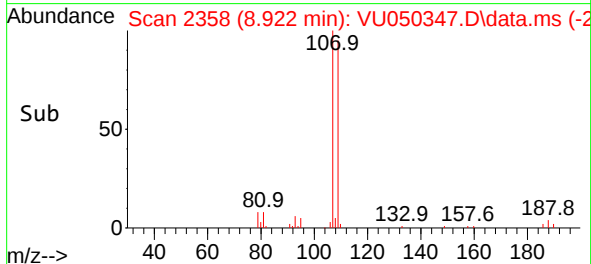
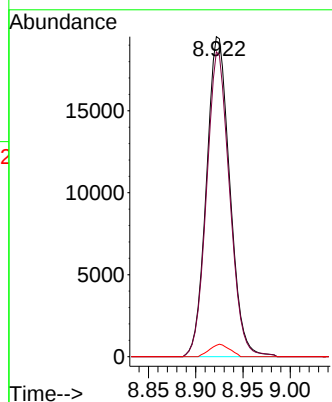
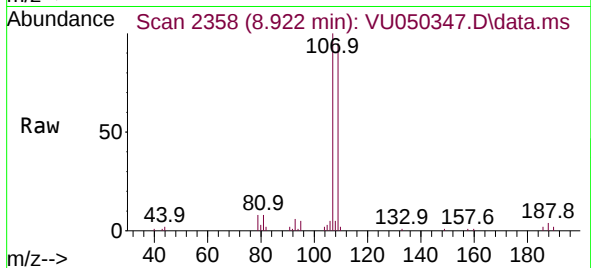
Tgt Ion:107 Resp: 33548

Ion Ratio Lower Upper

107 100

109 95.2 66.6 123.6

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 5.030 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

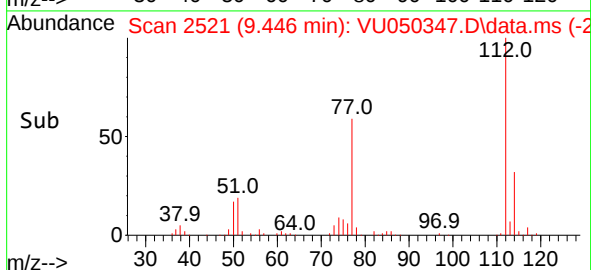
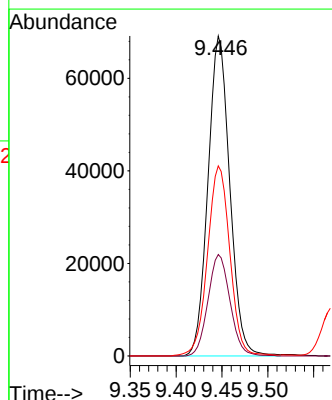
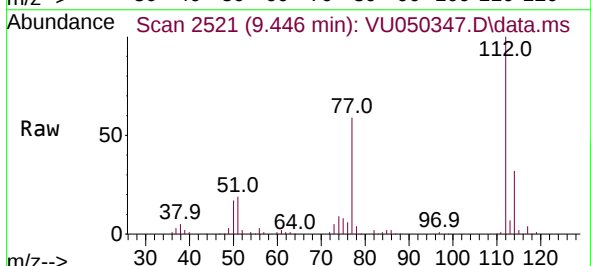
Tgt Ion:112 Resp: 114493

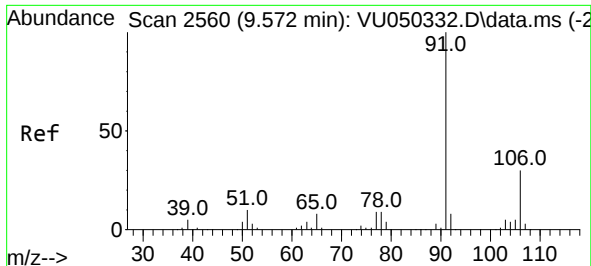
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 59.4 46.3 69.5

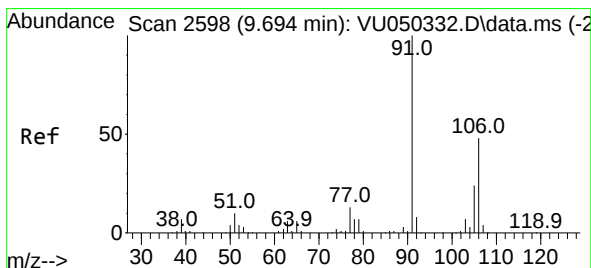
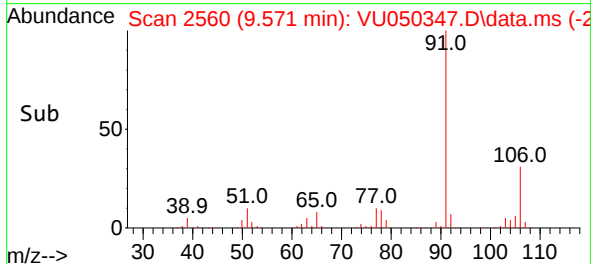
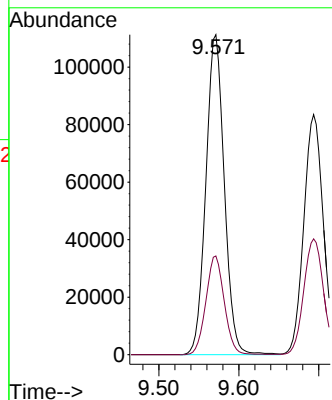
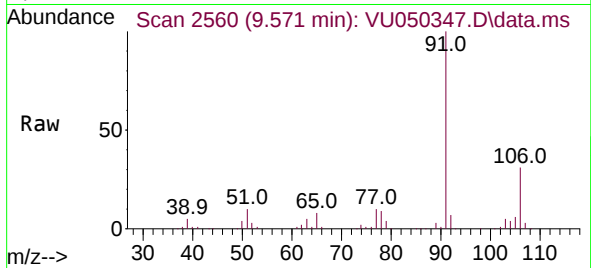




#52
Ethylbenzene
Concen: 5.056 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

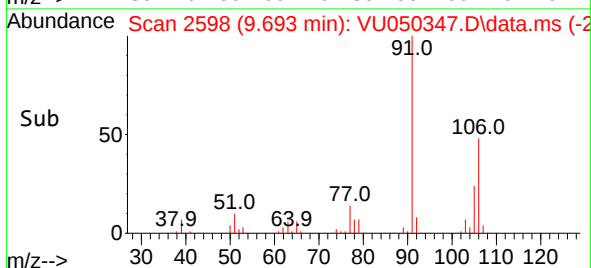
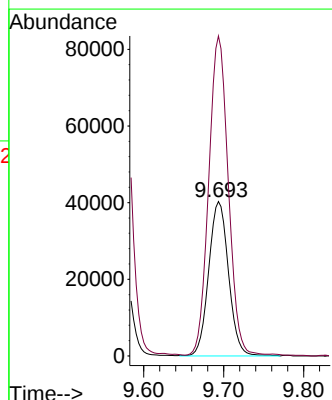
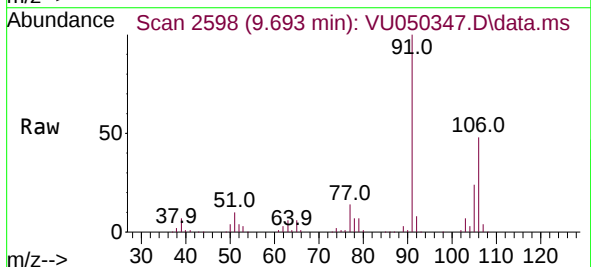
Instrument :
MSVOA_U
ClientSampleId :

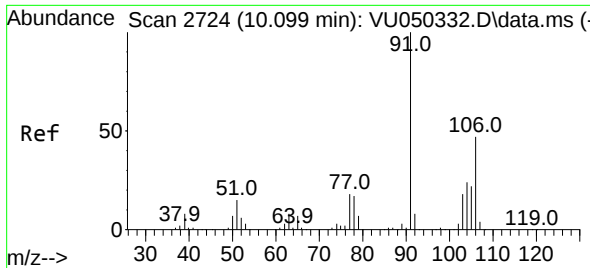
Tgt Ion: 91 Resp: 178487
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5



#53
m,p-Xylene
Concen: 5.348 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion: 106 Resp: 69529
Ion Ratio Lower Upper
106 100
91 207.3 143.1 265.9

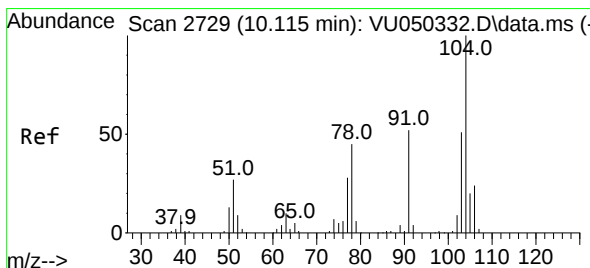
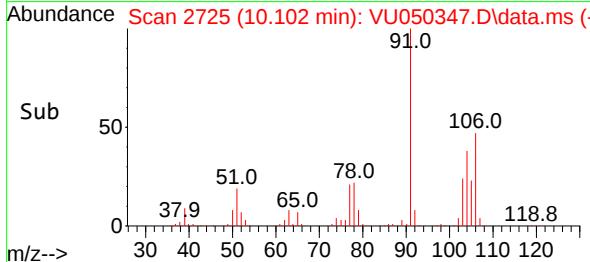
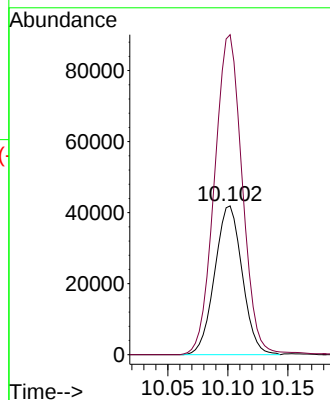
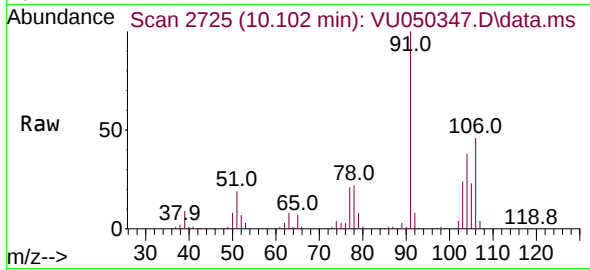




#54
o-Xylene
Concen: 5.147 ug/L
RT: 10.102 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

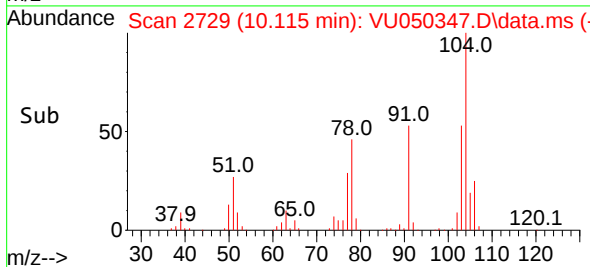
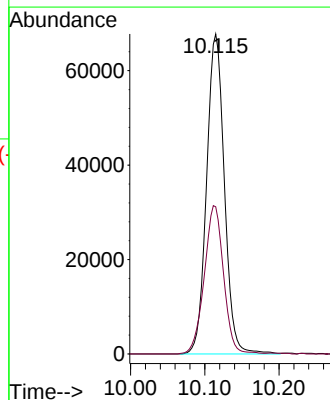
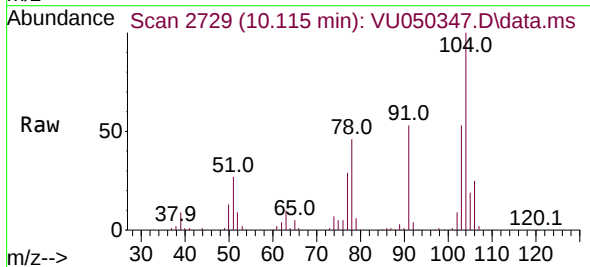
Instrument :
MSVOA_U
ClientSampleId :

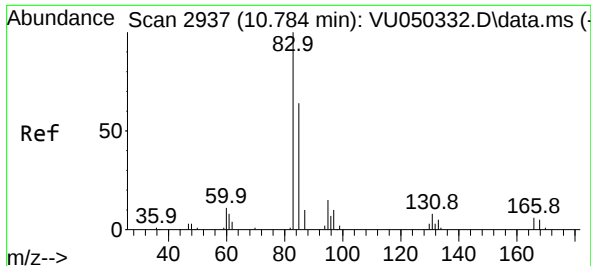
Tgt Ion:106 Resp: 66792
Ion Ratio Lower Upper
106 100
91 215.1 149.4 277.4



#55
Styrene
Concen: 5.196 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion:104 Resp: 112656
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.169 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

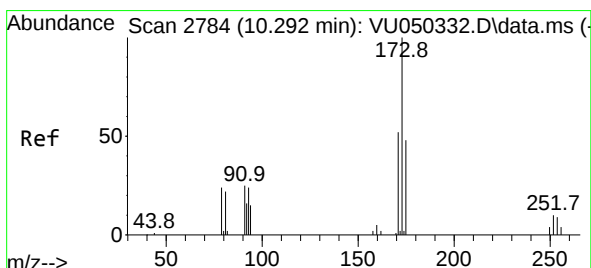
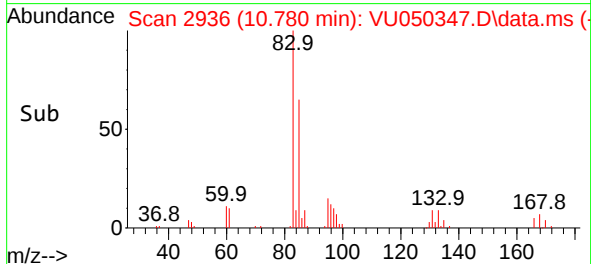
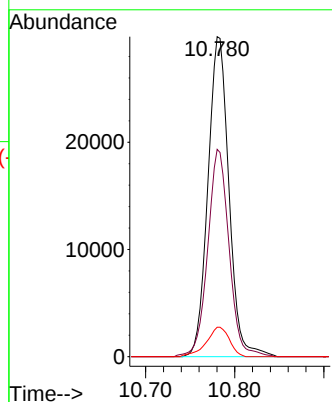
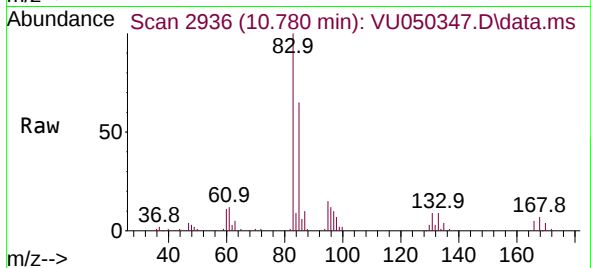
Tgt Ion: 83 Resp: 48784

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

131 9.2 6.6 9.8



#59

Bromoform

Concen: 4.726 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

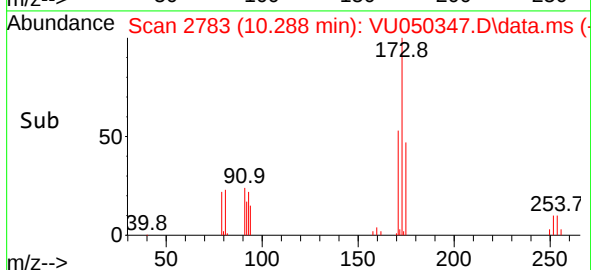
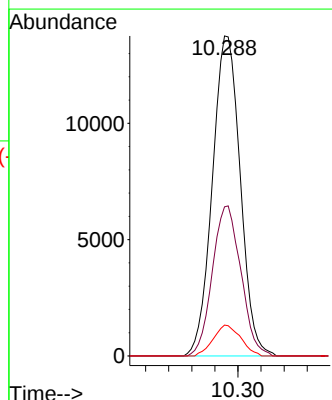
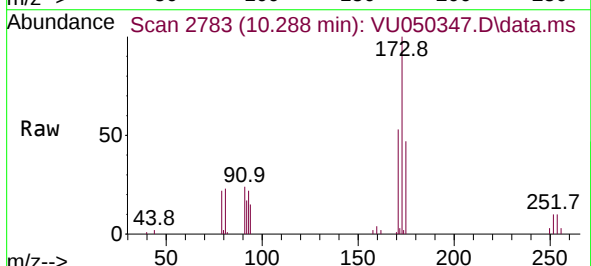
Tgt Ion:173 Resp: 23084

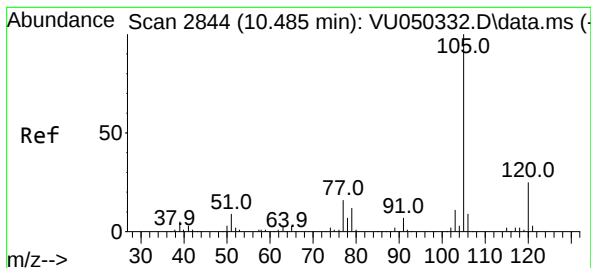
Ion Ratio Lower Upper

173 100

175 47.9 37.0 55.6

254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 5.246 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

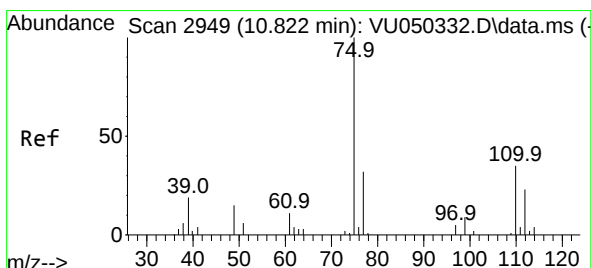
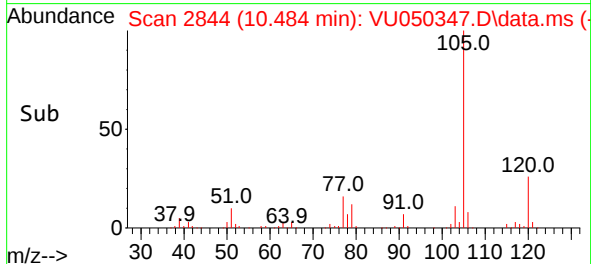
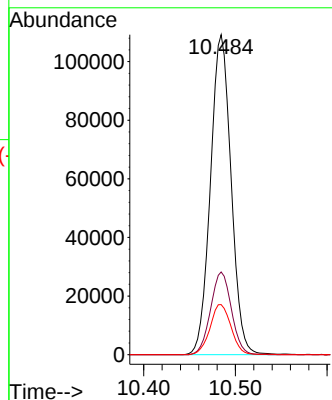
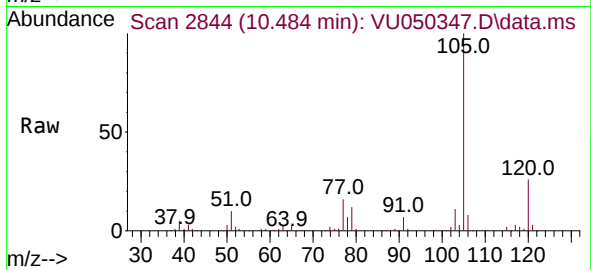
Tgt Ion:105 Resp: 170647

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.027 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

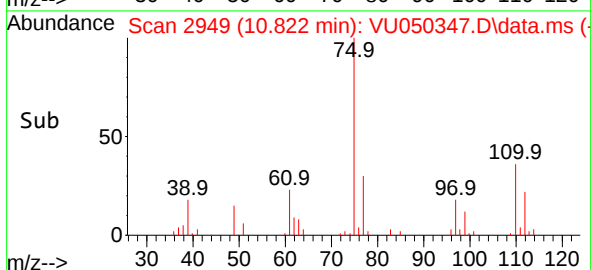
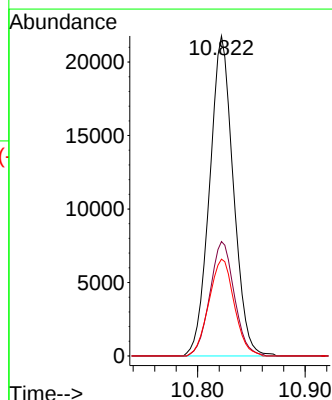
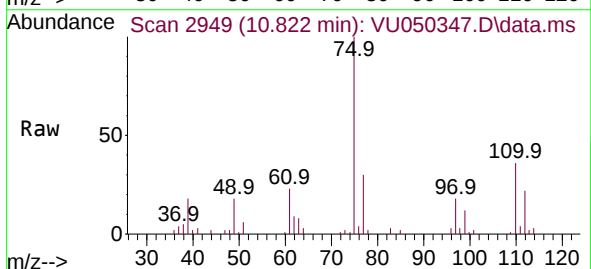
Tgt Ion: 75 Resp: 33352

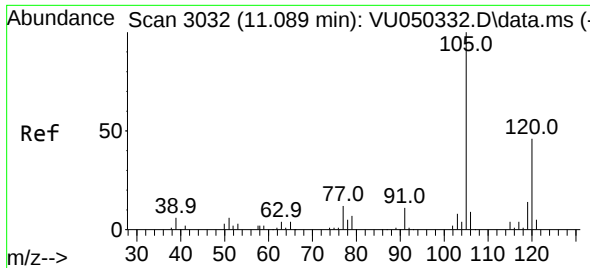
Ion Ratio Lower Upper

75 100

110 36.7 28.5 42.7

77 32.3 25.8 38.6

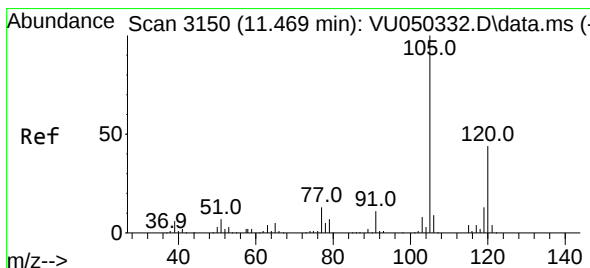
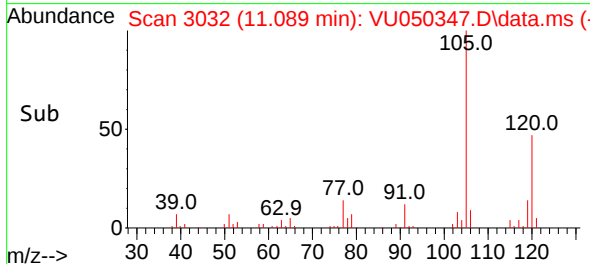
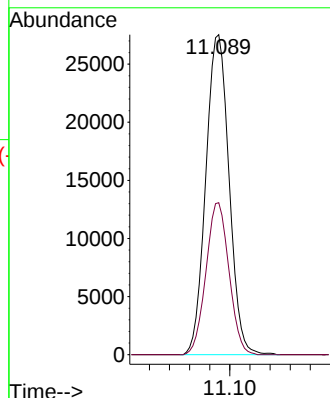
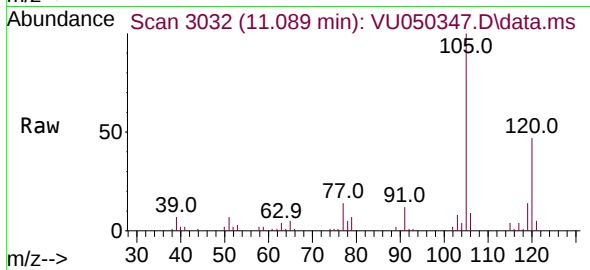




#62
1,3,5-Trimethylbenzene
Concen: 4.813 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

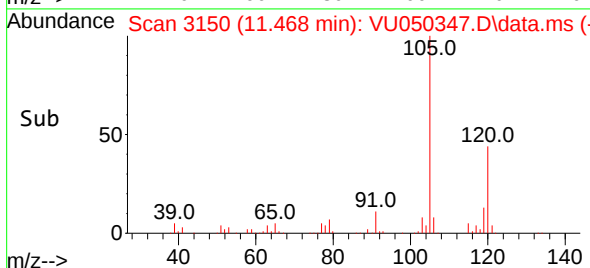
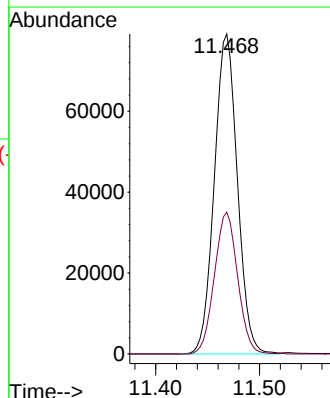
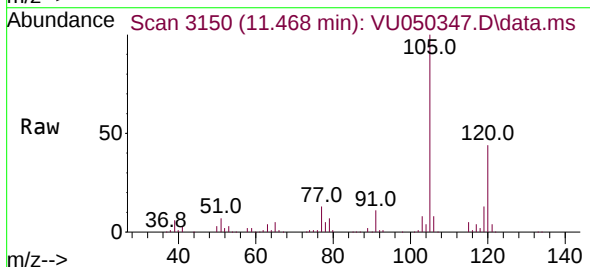
Instrument :
MSVOA_U
ClientSampleId :

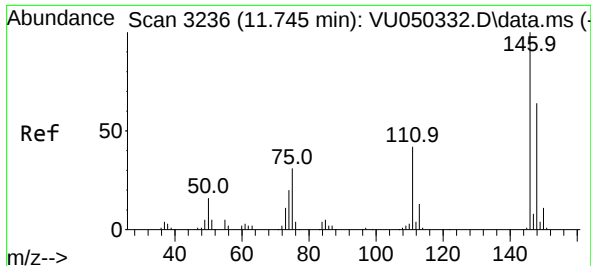
Tgt Ion:105 Resp: 44234
Ion Ratio Lower Upper
105 100
120 46.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.866 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

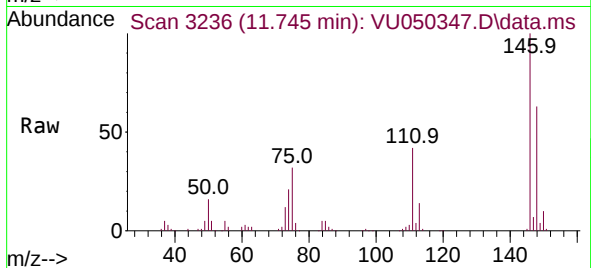
Tgt Ion:105 Resp: 121846
Ion Ratio Lower Upper
105 100
120 44.7 35.9 53.9



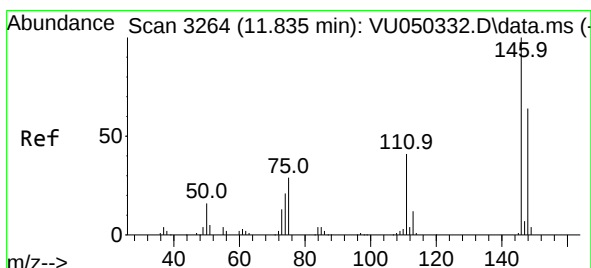
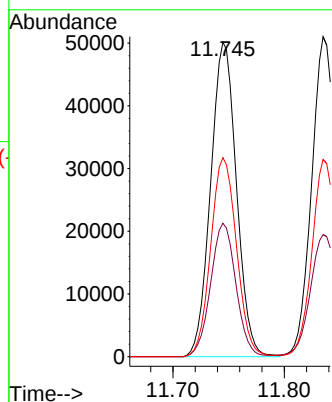
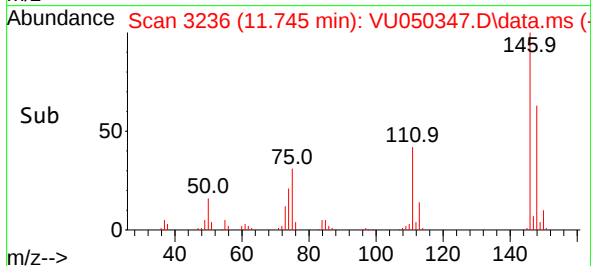


#64
1,3-Dichlorobenzene
Concen: 4.920 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

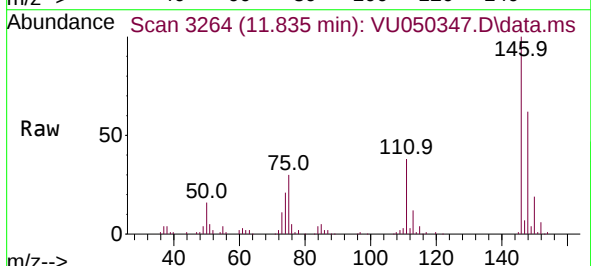
Instrument :
MSVOA_U
ClientSampleId :



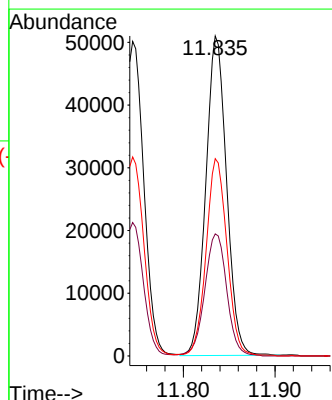
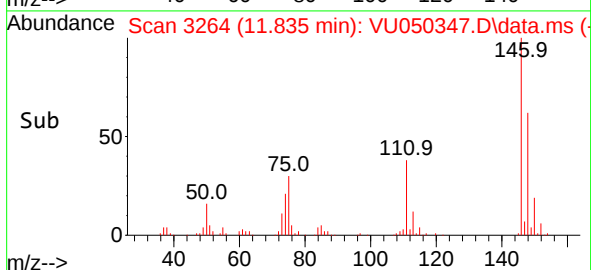
Tgt Ion:146 Resp: 80668
Ion Ratio Lower Upper
146 100
111 42.4 29.9 55.5
148 63.2 45.8 85.2

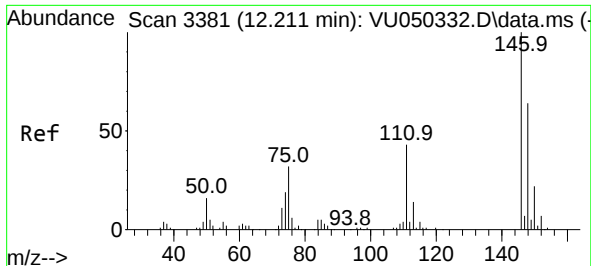


#65
1,4-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33



Tgt Ion:146 Resp: 80207
Ion Ratio Lower Upper
146 100
111 38.2 28.1 52.1
148 61.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.932 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

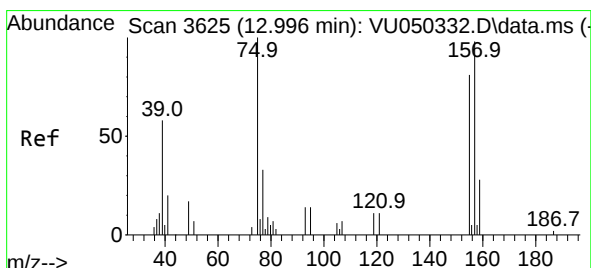
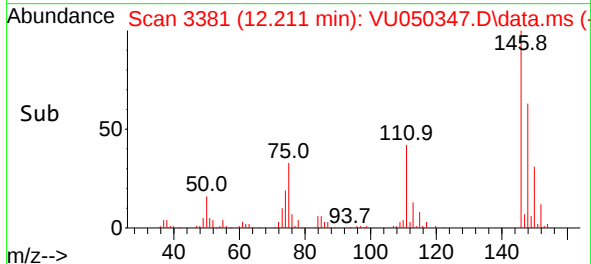
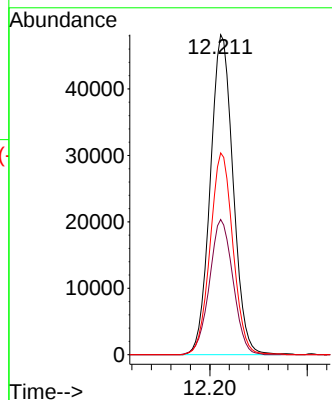
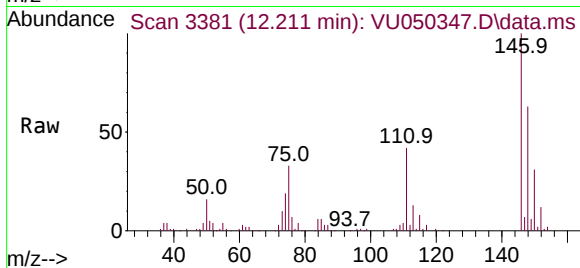
Tgt Ion:146 Resp: 78307

Ion Ratio Lower Upper

146 100

111 42.2 32.9 49.3

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.240 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050347.D

Acq: 15 Aug 2022 17:33

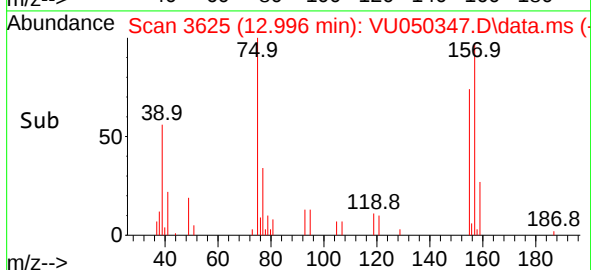
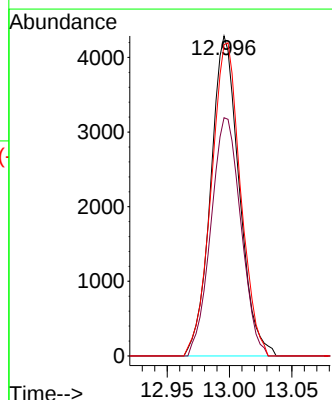
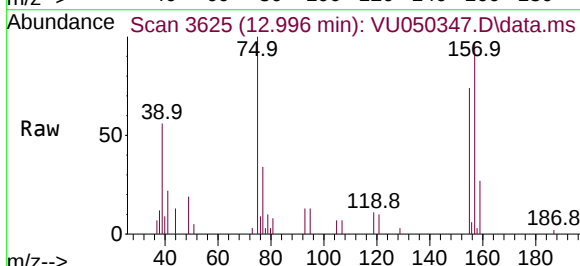
Tgt Ion: 75 Resp: 6817

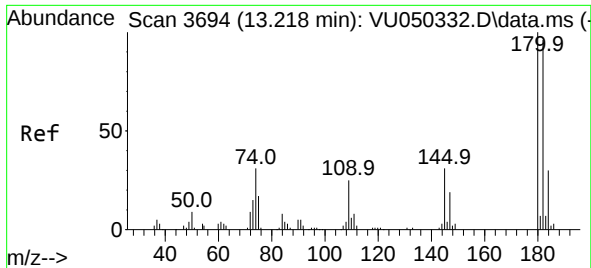
Ion Ratio Lower Upper

75 100

155 74.5 63.5 95.3

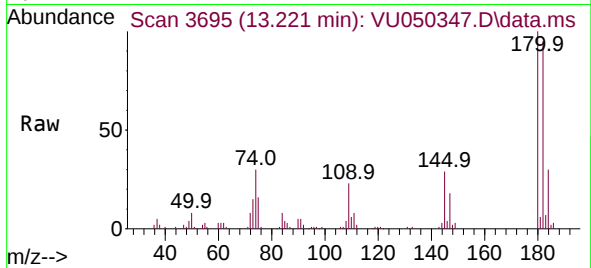
157 97.3 85.0 127.6



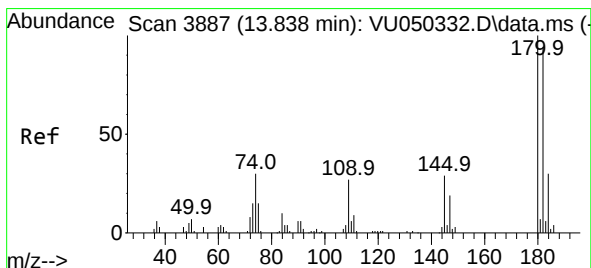
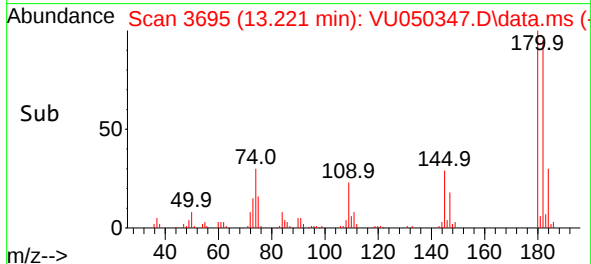
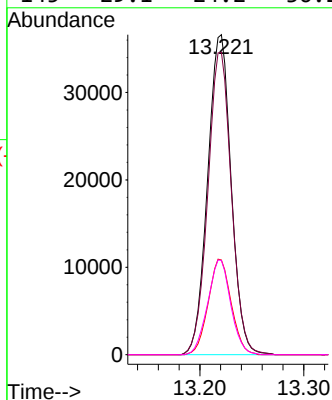


#69
 1,3,5-Trichlorobenzene
 Concen: 4.926 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050347.D
 Acq: 15 Aug 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :

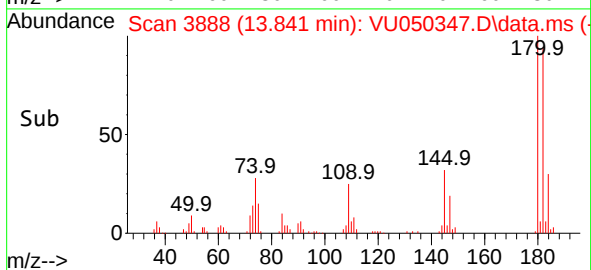
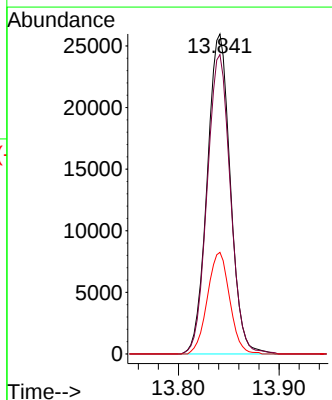
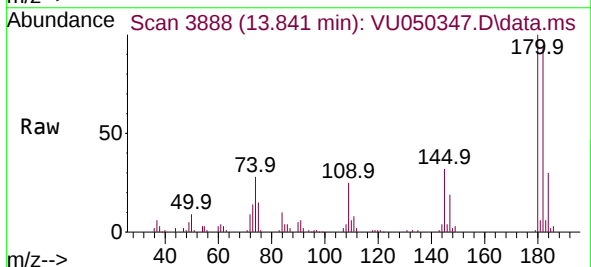


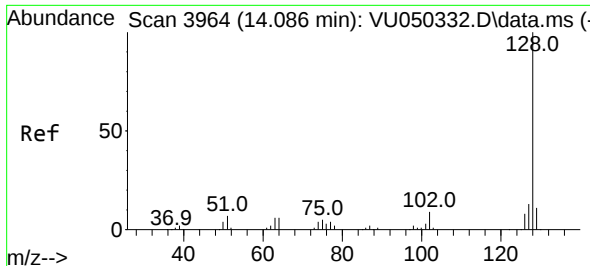
Tgt Ion:180 Resp: 57532
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.3 115.9
 184 29.1 24.1 36.1
 145 29.1 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.678 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050347.D
 Acq: 15 Aug 2022 17:33

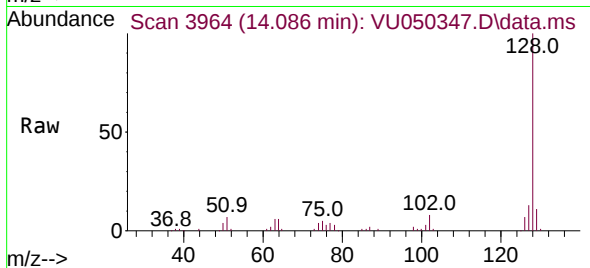
Tgt Ion:180 Resp: 41395
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.9 115.3
 145 30.6 24.2 36.4





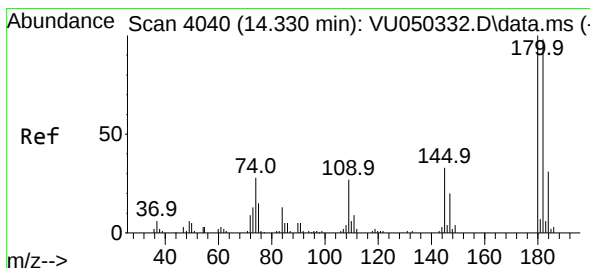
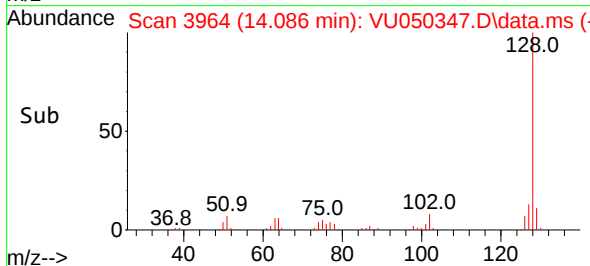
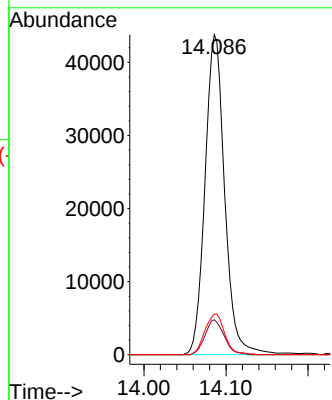
#71
Naphthalene
Concen: 4.017 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 72895

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.8	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.638 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050347.D
Acq: 15 Aug 2022 17:33

Tgt Ion:180 Resp: 41601

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.5	116.3
145	32.6	25.8	38.6

