

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071522\
 Data File : U049747.D
 Acq On : 15 Jul 2022 19:21
 Operator : SY/MD
 Sample : N3748-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E9MS

Quant Time: Jul 15 23:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191966	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53854	33.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.500%		
7) Chloroethane-d5	1.900	69	45783	39.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.565	63	109243	38.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.360%		
21) 2-Butanone-d5	4.620	46	160657	116.192	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.190%		
24) Chloroform-d	5.063	84	141630	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
26) 1,2-Dichloroethane-d4	5.700	65	96767	49.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.680%		
32) Benzene-d6	5.726	84	243369	43.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
36) 1,2-Dichloropropane-d6	6.690	67	90961	48.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.220%		
41) Toluene-d8	7.896	98	206458	42.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.220%		
43) trans-1,3-Dichloroprop...	8.179	79	36440	46.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.632	63	90954	108.047	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.050%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	140885	53.804	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	81018	48.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	94376	41.013	ug/L	99
3) Chloromethane	1.520	50	124998	49.495	ug/L	97
5) Vinyl chloride	1.600	62	101439	44.450	ug/L	99
6) Bromomethane	1.842	94	53184	50.440	ug/L	100
8) Chloroethane	1.922	64	57017	45.102	ug/L	99
9) Trichlorofluoromethane	2.131	101	124465	44.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	62996	42.598	ug/L	98
12) 1,1-Dichloroethene	2.575	96	60315	43.945	ug/L	96
13) Acetone	2.626	43	109858	83.603	ug/L	98
14) Carbon disulfide	2.787	76	178651	38.600	ug/L	98
15) Methyl Acetate	2.948	43	116061	54.366	ug/L	99
16) Methylene chloride	3.041	84	85915	49.709	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	69095	46.019	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	271798	52.851	ug/L	99
19) 1,1-Dichloroethane	3.867	63	159600	51.059	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	84855	50.287	ug/L	96
22) 2-Butanone	4.700	43	182484	103.725	ug/L	100
23) Bromochloromethane	4.970	128	44457	52.801	ug/L	95
25) Chloroform	5.086	83	162858	51.958	ug/L	98

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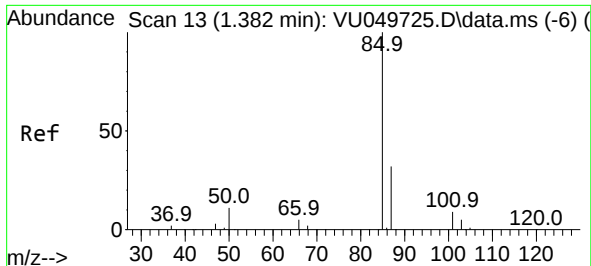
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	139221	52.163	ug/L	100
29) Cyclohexane	5.385	56	116359	40.705	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	128458	48.450	ug/L	98
31) Carbon tetrachloride	5.523	117	100762	46.466	ug/L	100
33) Benzene	5.771	78	338725	49.205	ug/L	100
34) Trichloroethene	6.539	95	74766	44.931	ug/L	99
35) Methylcyclohexane	6.761	83	106116	40.582	ug/L	99
37) 1,2-Dichloropropane	6.790	63	97428	51.062	ug/L	100
38) Bromodichloromethane	7.105	83	117679	49.744	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	129834	50.454	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	337991	109.421	ug/L	99
42) Toluene	7.967	91	333471	48.741	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121805	50.412	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	86228	51.775	ug/L	99
46) Tetrachloroethene	8.552	164	52044	45.095	ug/L	96
48) 2-Hexanone	8.684	43	270874	109.737	ug/L	100
49) Dibromochloromethane	8.809	129	85973	51.325	ug/L	98
50) 1,2-Dibromoethane	8.922	107	88916	53.746	ug/L	99
51) Chlorobenzene	9.446	112	209563	50.580	ug/L	100
52) Ethylbenzene	9.568	91	340668	47.186	ug/L	98
53) m,p-Xylene	9.693	106	128544	48.964	ug/L	95
54) o-Xylene	10.099	106	130290	49.289	ug/L	96
55) Styrene	10.115	104	220066	50.446	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	158236	53.077	ug/L	99
59) Bromoform	10.291	173	61663	52.034	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	127448	54.155	ug/L	100
61) Isopropylbenzene	10.484	105	322603	48.899	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	278266	50.004	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	276574	50.028	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	139945	48.593	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	138240	47.785	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	148747	49.670	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	36689	53.205	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	94513	46.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	80429	43.430	ug/L	97
71) Naphthalene	14.086	128	320434	48.401	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	90763	47.314	ug/L	98

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

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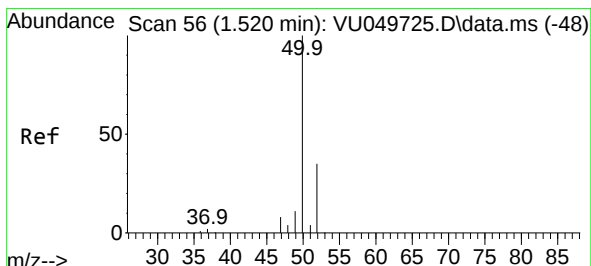
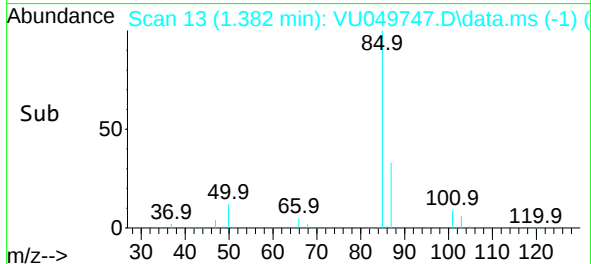
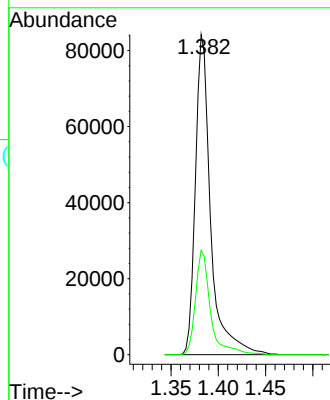
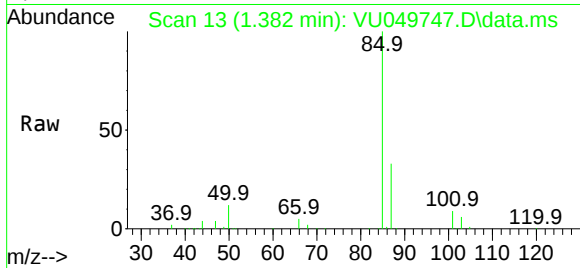




#2
Dichlorodifluoromethane
Concen: 41.013 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

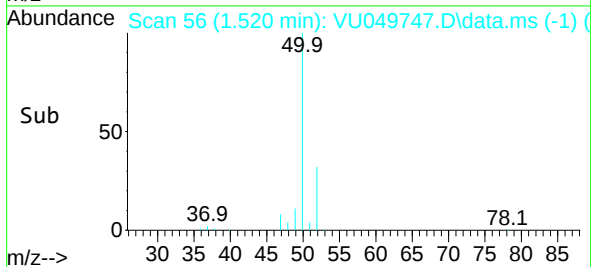
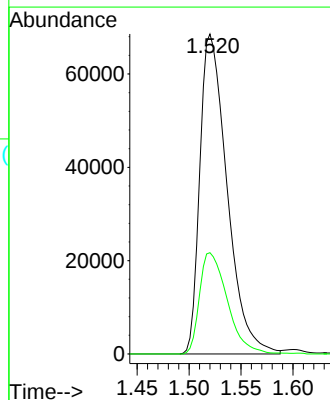
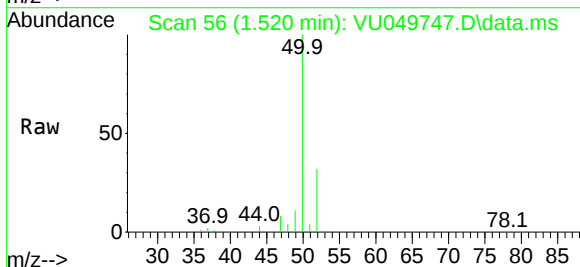
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MSVOA_U
ClientSampleId :
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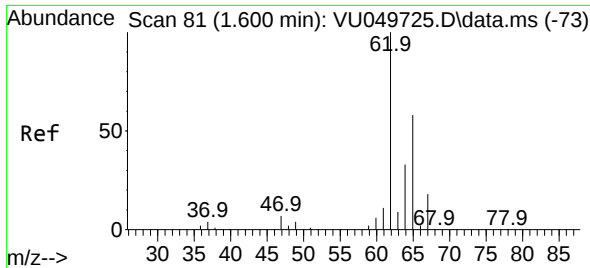
Tgt Ion: 85 Resp: 94376
Ion Ratio Lower Upper
85 100
87 32.3 26.3 39.5



#3
Chloromethane
Concen: 49.495 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 50 Resp: 124998
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.0

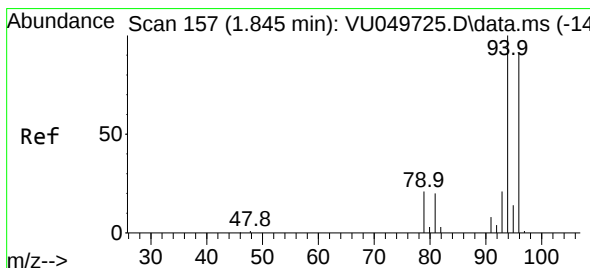
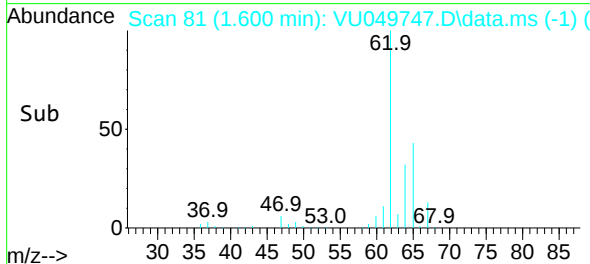
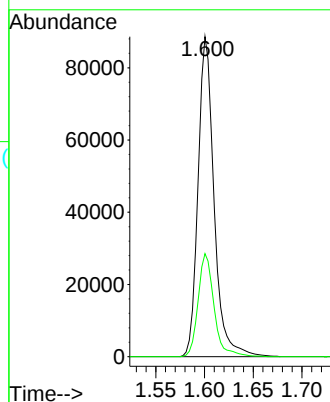
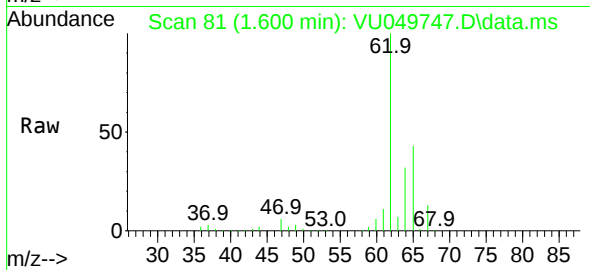




#5
 Vinyl chloride
 Concen: 44.450 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049747.D
 Acq: 15 Jul 2022 19:21

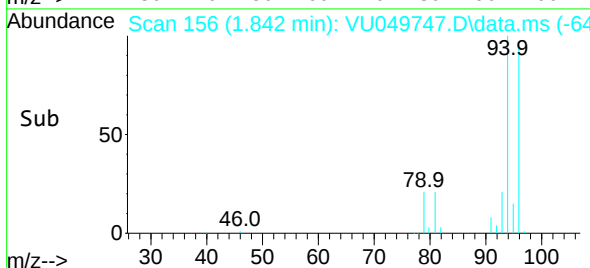
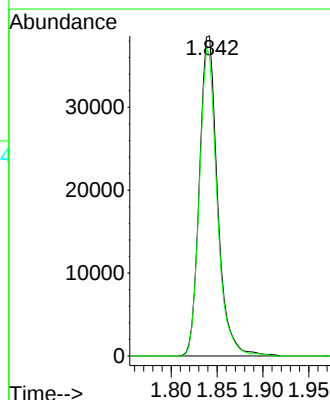
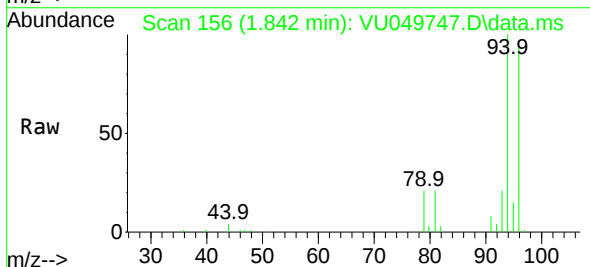
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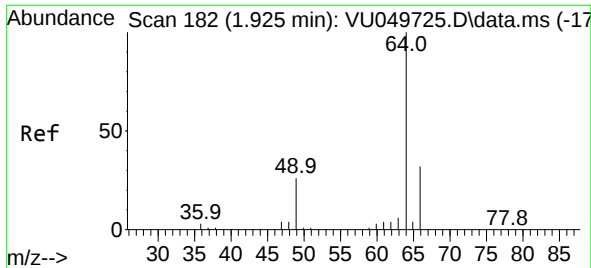
Tgt Ion: 62 Resp: 101439
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.6



#6
 Bromomethane
 Concen: 50.440 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VU049747.D
 Acq: 15 Jul 2022 19:21

Tgt Ion: 94 Resp: 53184
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.1 122.7

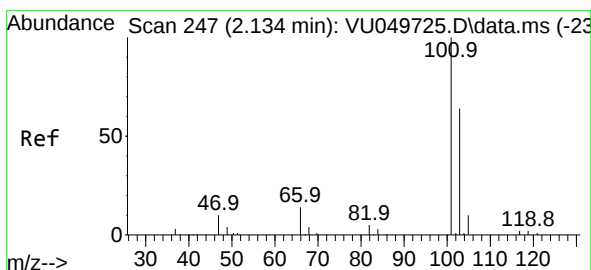
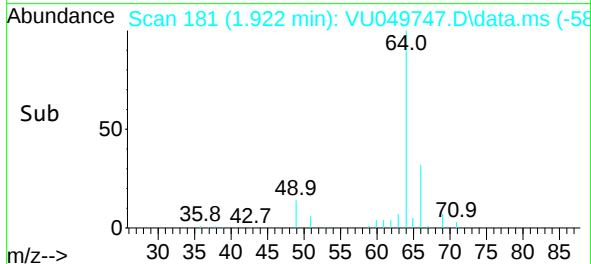
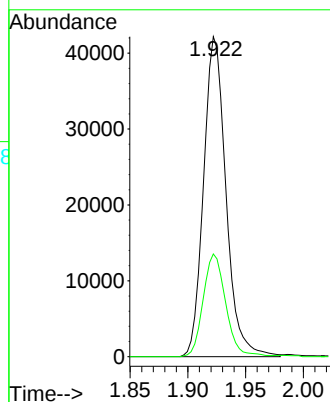
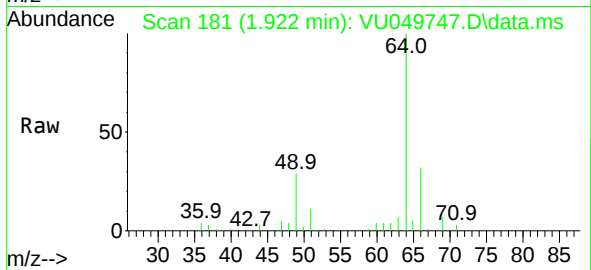




#8
Chloroethane
Concen: 45.102 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

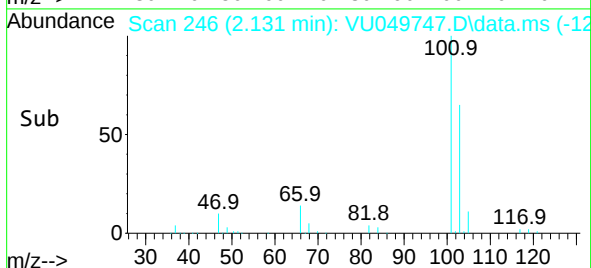
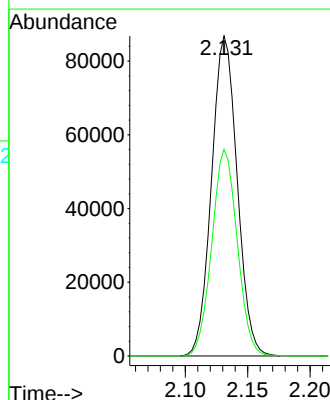
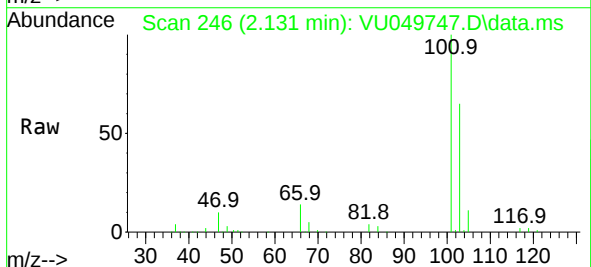
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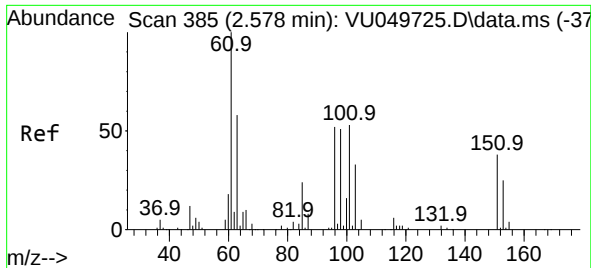
Tgt Ion: 64 Resp: 57017
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 44.163 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:101 Resp: 124465
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

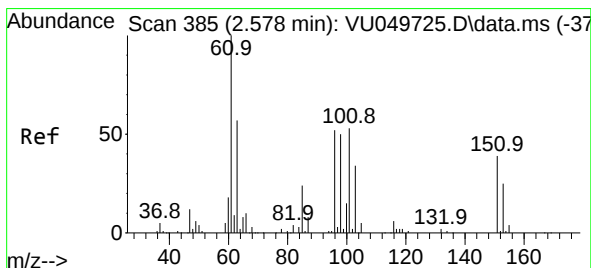
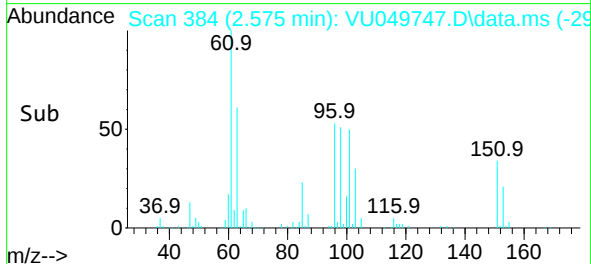
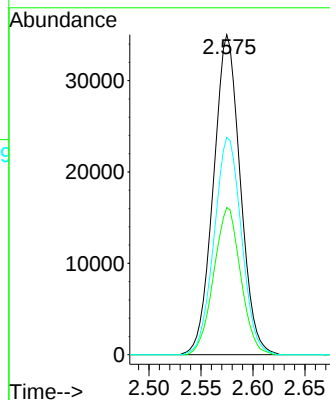
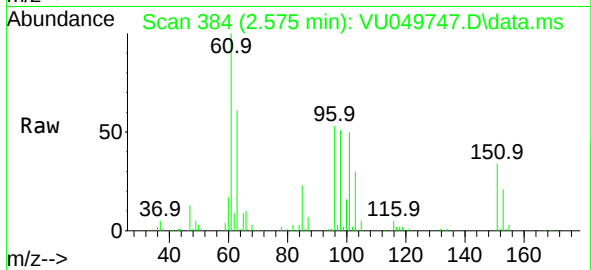




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.598 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049747.D
 Acq: 15 Jul 2022 19:21

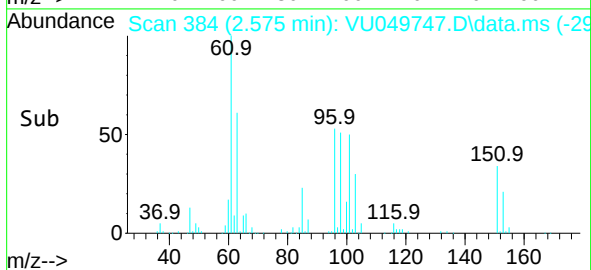
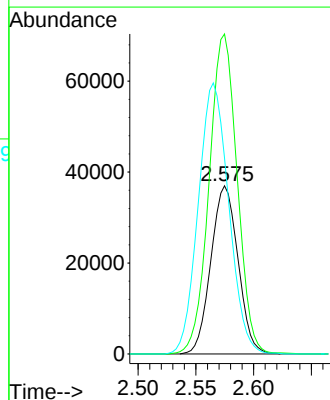
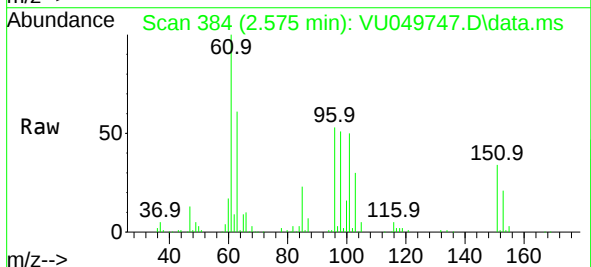
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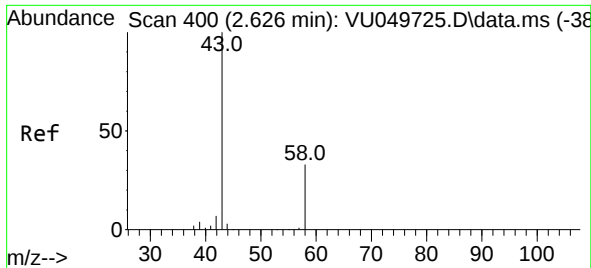
Tgt Ion:101 Resp: 62996
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.3 55.9
 151 69.4 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 43.945 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049747.D
 Acq: 15 Jul 2022 19:21

Tgt Ion: 96 Resp: 60315
 Ion Ratio Lower Upper
 96 100
 61 190.3 129.6 240.6
 63 116.6 79.0 146.6





#13

Acetone

Concen: 83.603 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

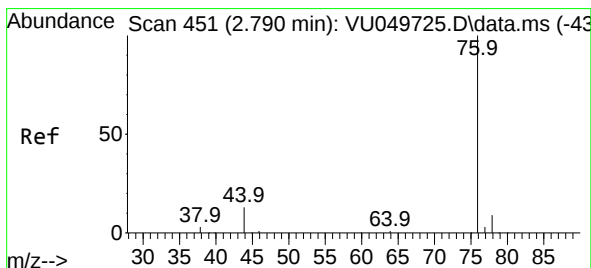
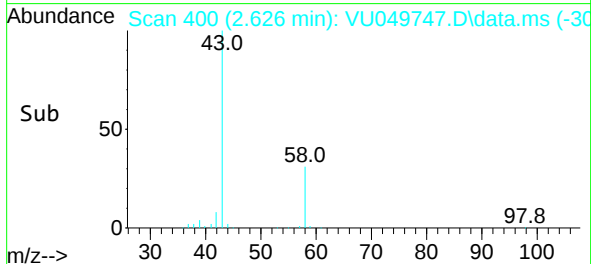
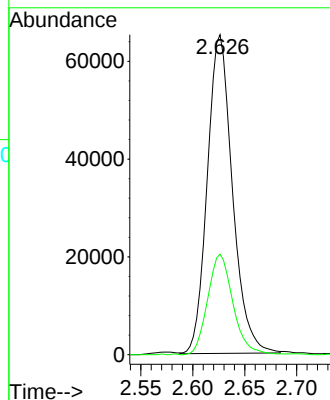
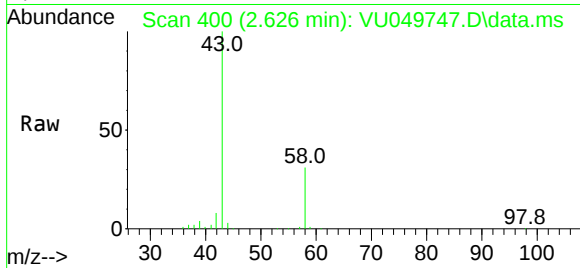
BH0E9MS

Tgt Ion: 43 Resp: 109858

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#14

Carbon disulfide

Concen: 38.600 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049747.D

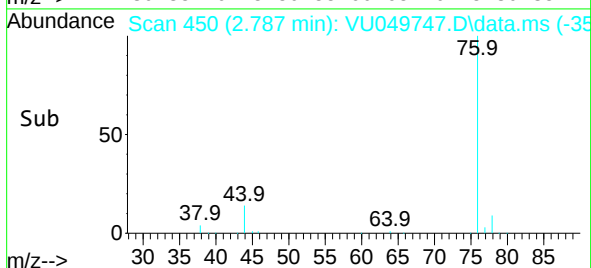
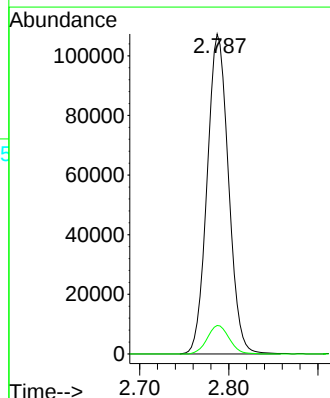
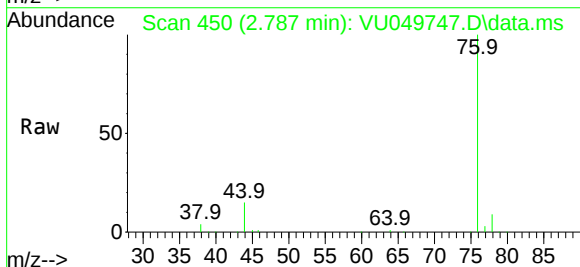
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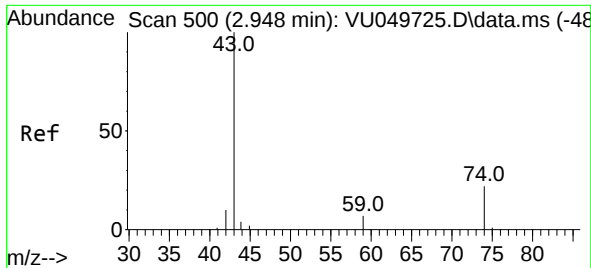
Tgt Ion: 76 Resp: 178651

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

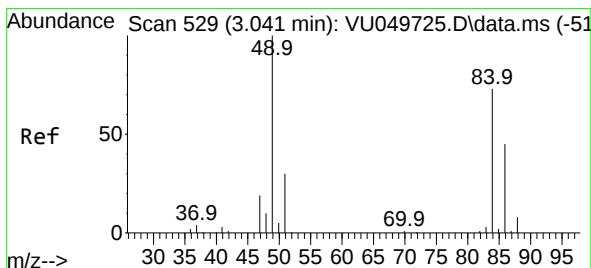
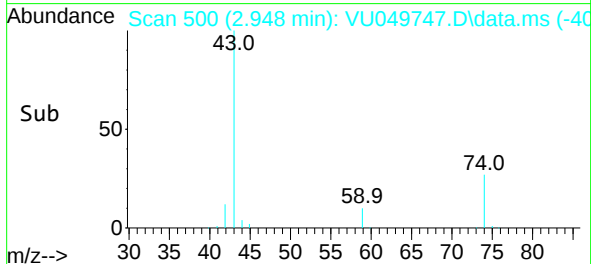
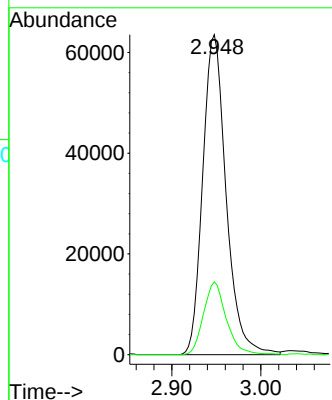
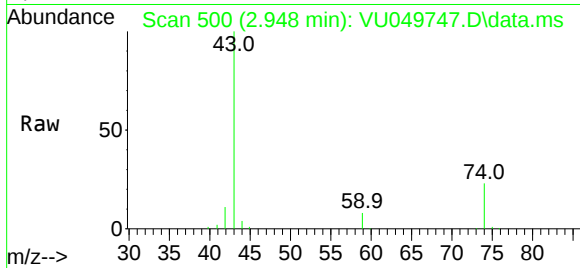




#15
Methyl Acetate
Concen: 54.366 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

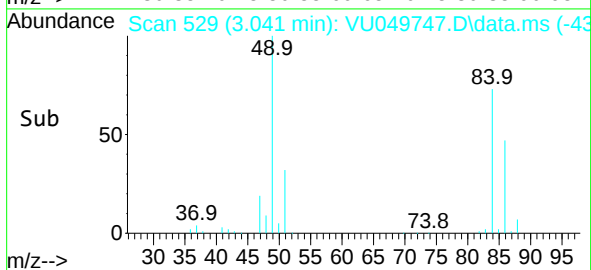
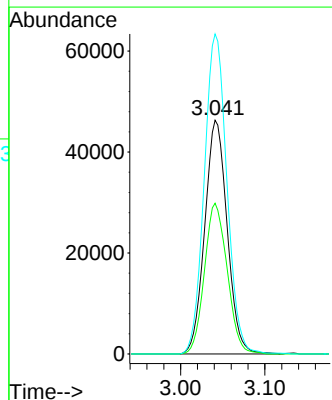
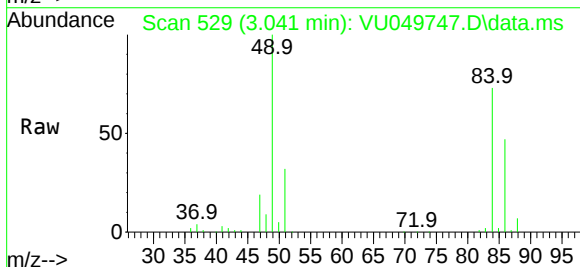
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

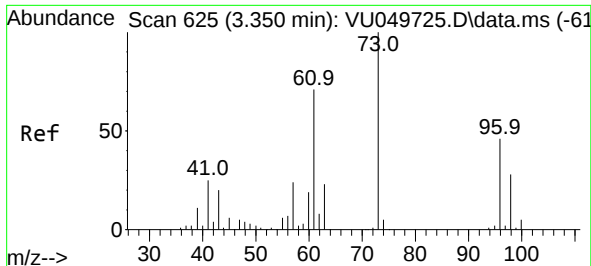
Tgt Ion: 43 Resp: 116061
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



#16
Methylene chloride
Concen: 49.709 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 84 Resp: 85915
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 136.9 94.4 175.4

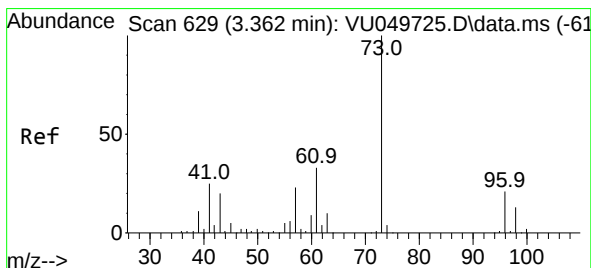
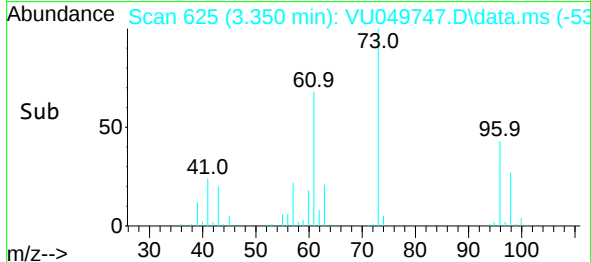
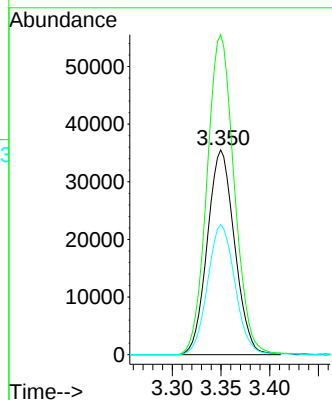
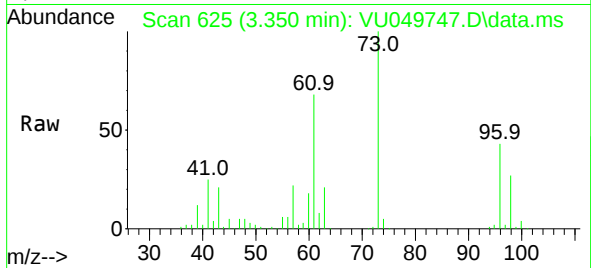




#17
trans-1,2-Dichloroethene
Concen: 46.019 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

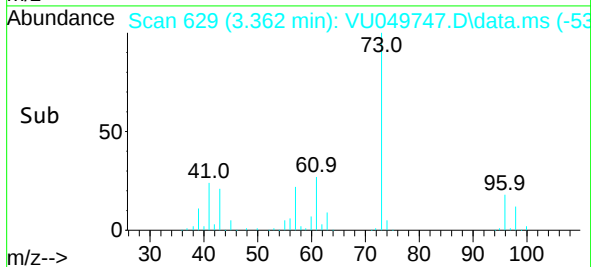
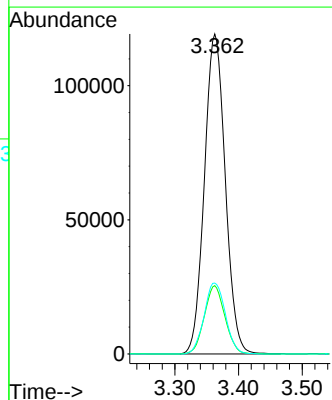
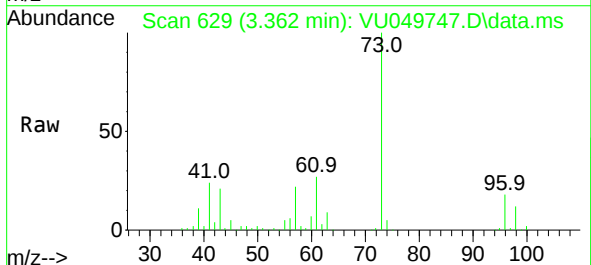
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

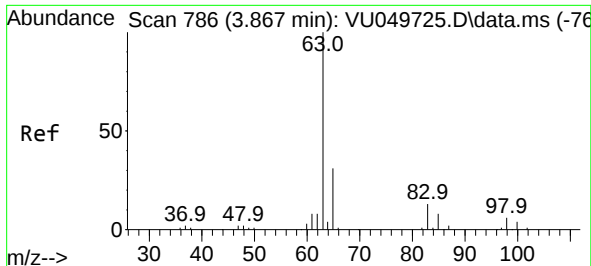
Tgt Ion: 96 Resp: 69095
Ion Ratio Lower Upper
96 100
61 156.2 107.6 199.8
98 63.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 52.851 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 73 Resp: 271798
Ion Ratio Lower Upper
73 100
43 21.1 17.0 25.4
57 22.6 18.5 27.7

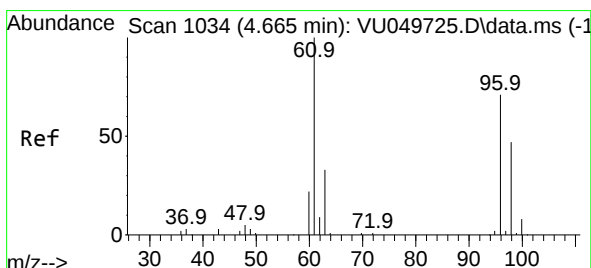
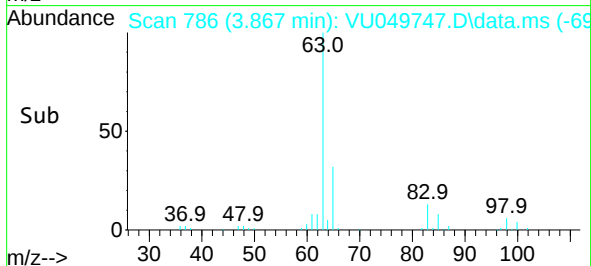
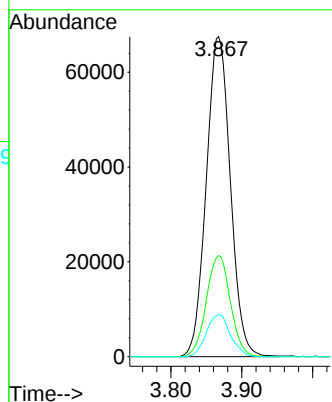
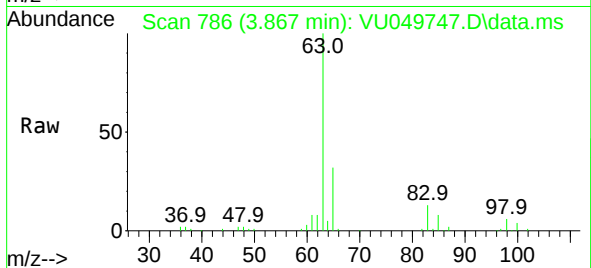




#19
1,1-Dichloroethane
Concen: 51.059 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

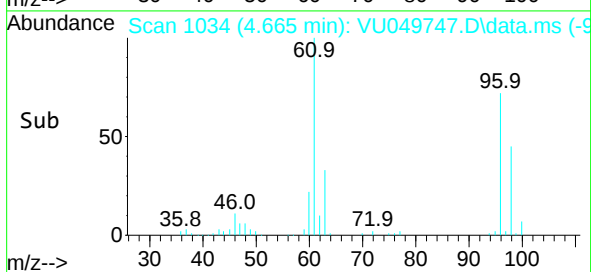
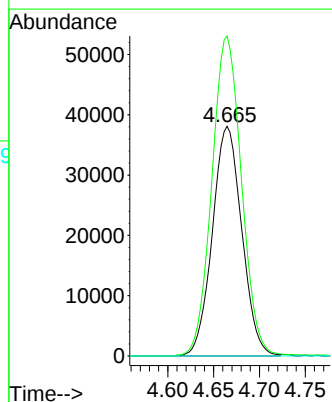
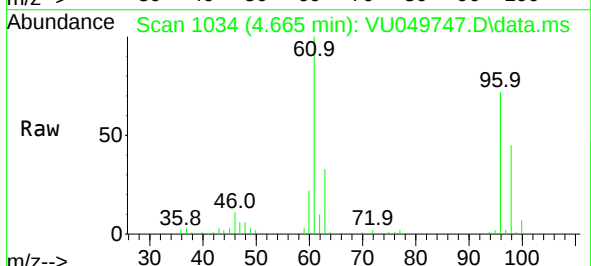
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

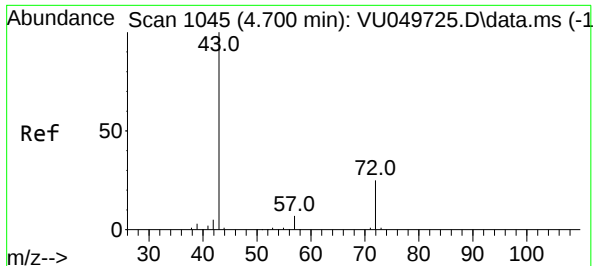
Tgt Ion: 63 Resp: 159600
Ion Ratio Lower Upper
63 100
65 31.6 22.6 42.0
83 13.1 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 50.287 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 96 Resp: 84855
Ion Ratio Lower Upper
96 100
61 139.4 101.1 187.7
68 0.0 0.0 0.0

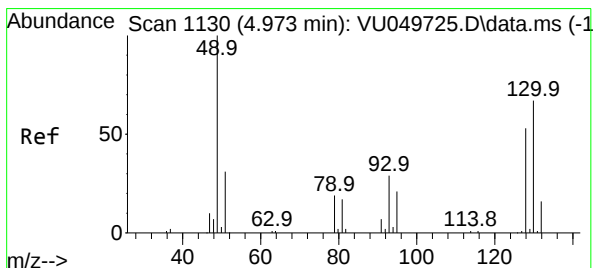
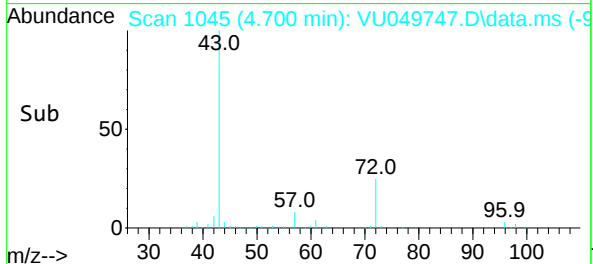
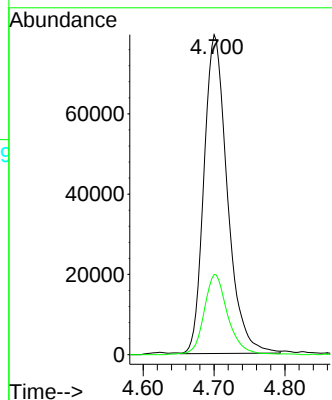
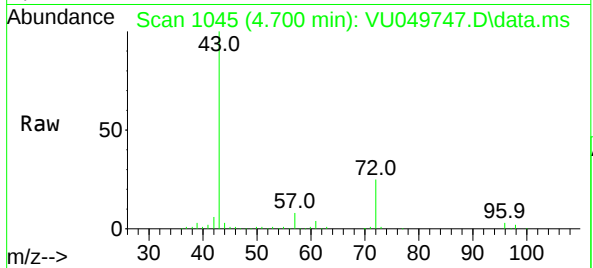




#22
2-Butanone
Concen: 103.725 ug/L
RT: 4.700 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

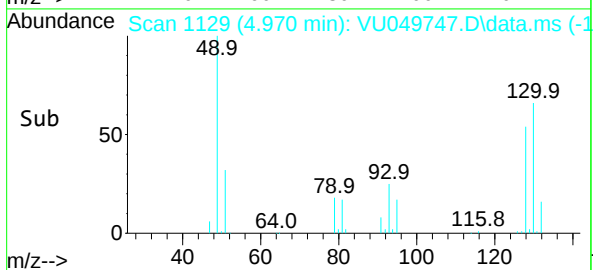
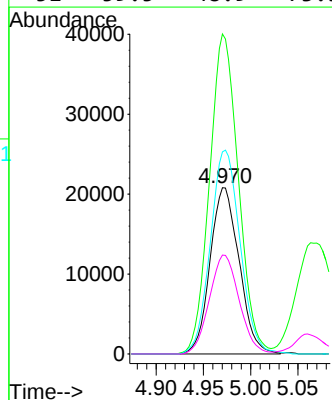
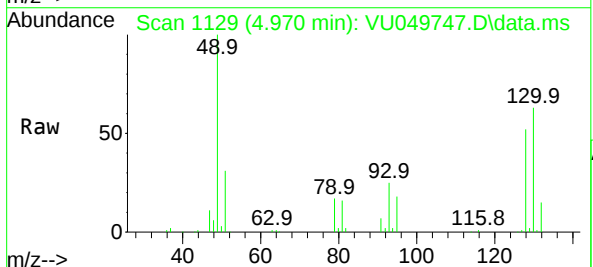
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

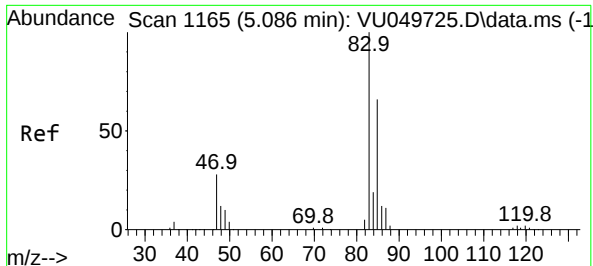
Tgt Ion: 43 Resp: 182484
Ion Ratio Lower Upper
43 100
72 25.5 12.7 38.0



#23
Bromochloromethane
Concen: 52.801 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:128 Resp: 44457
Ion Ratio Lower Upper
128 100
49 192.5 140.9 261.7
130 121.6 90.0 167.2
51 59.5 48.9 73.3





#25

Chloroform

Concen: 51.958 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

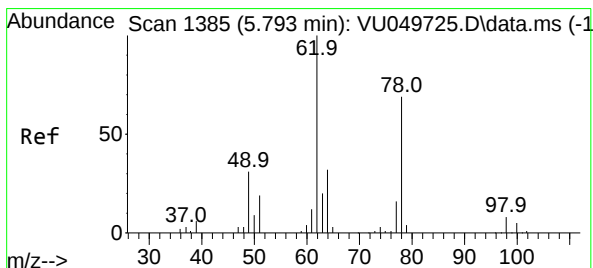
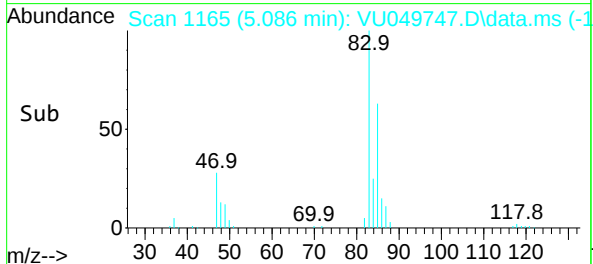
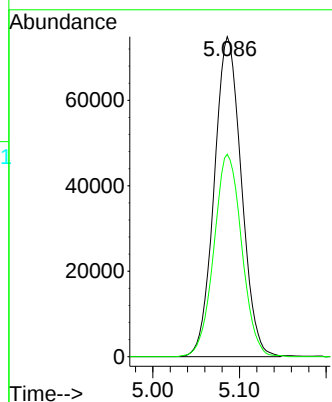
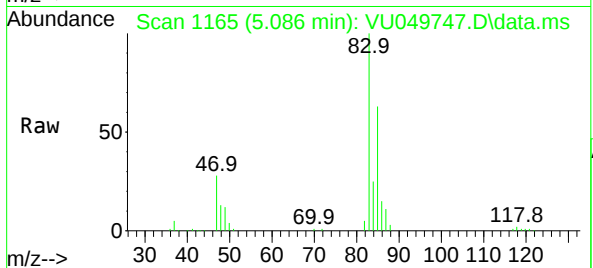
BH0E9MS

Tgt Ion: 83 Resp: 162858

Ion Ratio Lower Upper

83 100

85 63.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 52.163 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049747.D

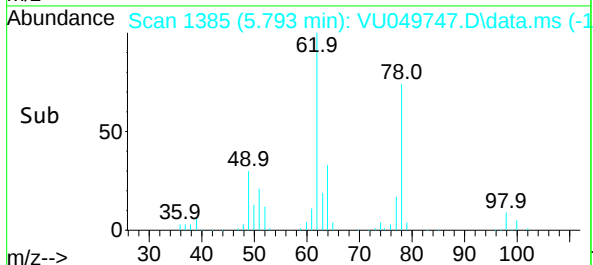
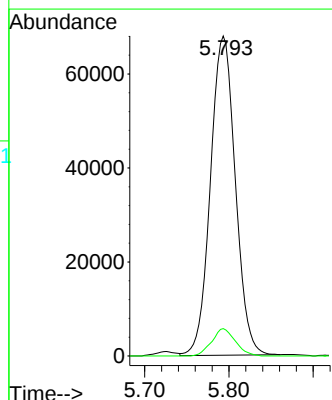
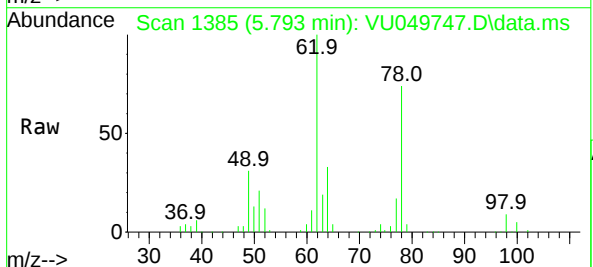
Acq: 15 Jul 2022 19:21

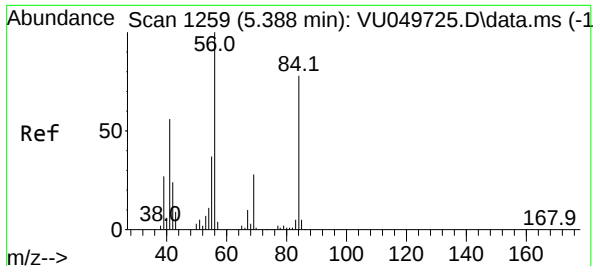
Tgt Ion: 62 Resp: 139221

Ion Ratio Lower Upper

62 100

98 8.5 6.7 10.1





#29

Cyclohexane

Concen: 40.705 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

BH0E9MS

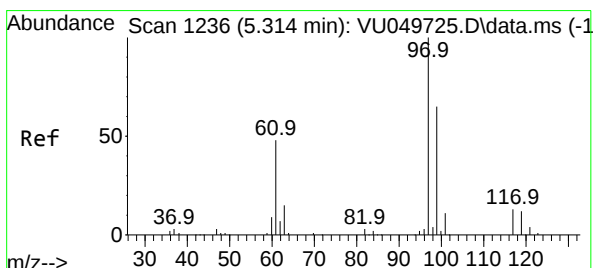
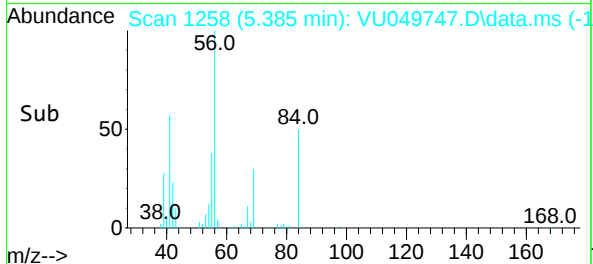
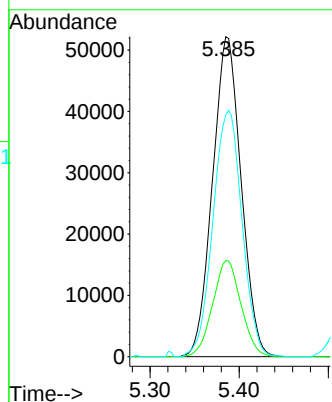
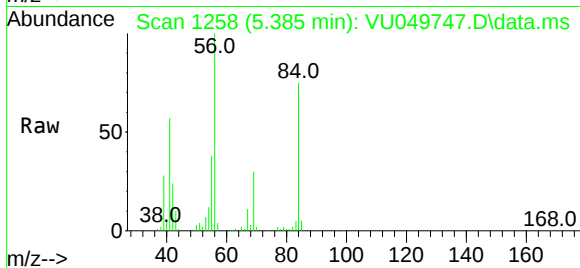
Tgt Ion: 56 Resp: 116359

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.2

84 78.3 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 48.450 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

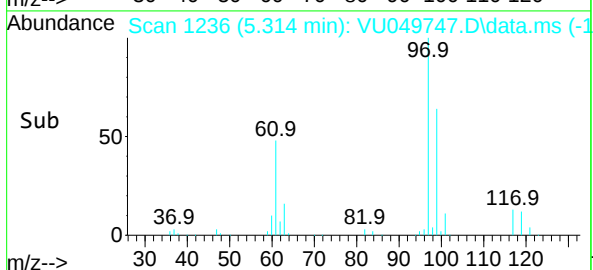
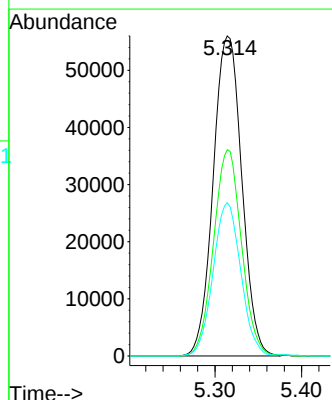
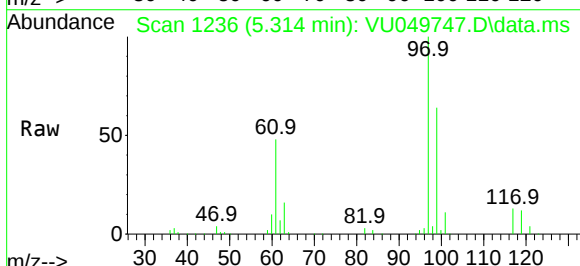
Tgt Ion: 97 Resp: 128458

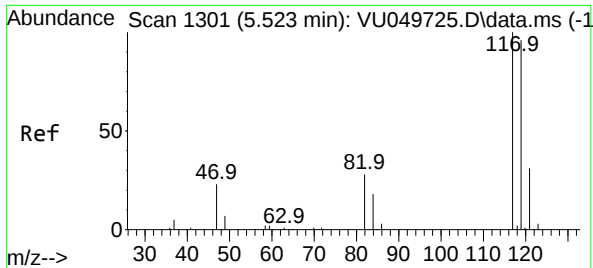
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 46.4 38.2 57.2

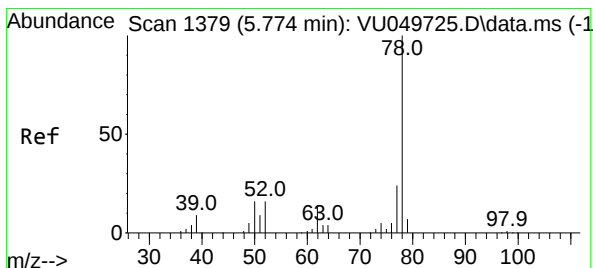
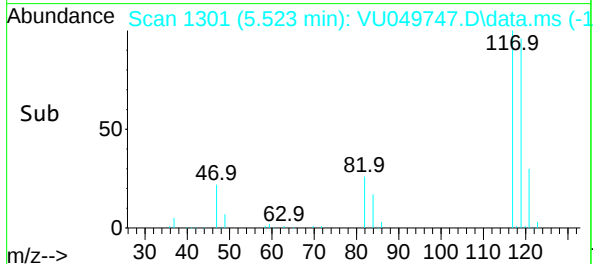
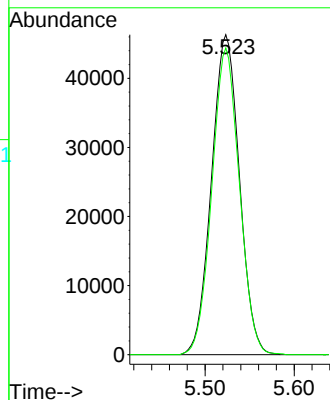
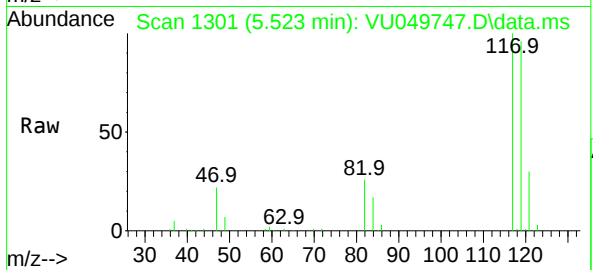




#31
Carbon tetrachloride
Concen: 46.466 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

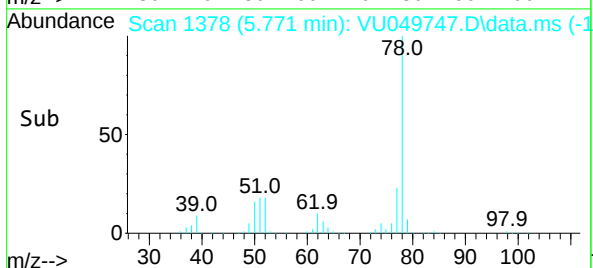
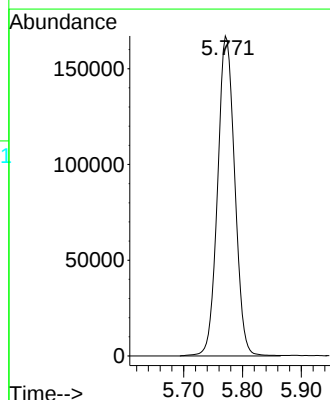
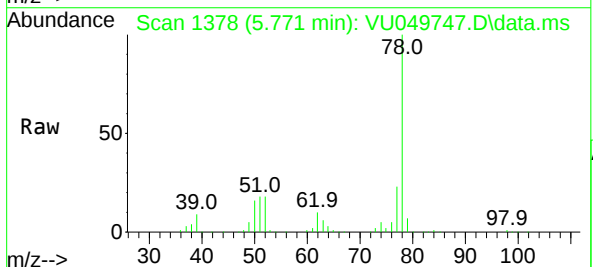
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

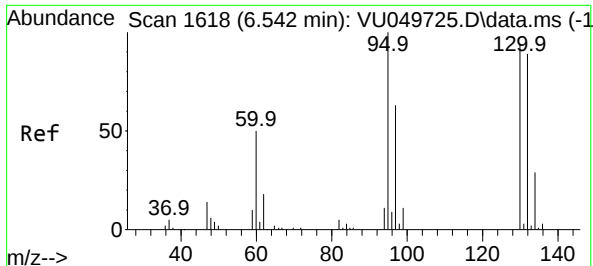
Tgt Ion:117 Resp: 100762
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8



#33
Benzene
Concen: 49.205 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 78 Resp: 338725





#34

Trichloroethene

Concen: 44.931 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

BH0E9MS

Tgt Ion: 95 Resp: 74766

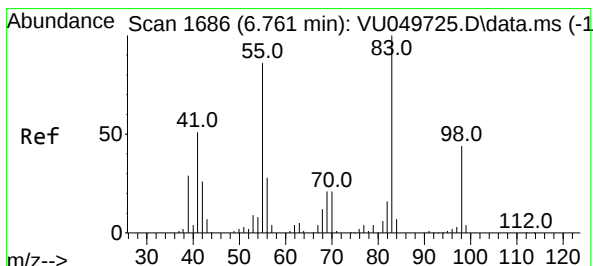
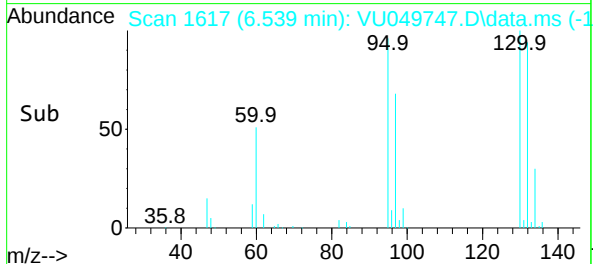
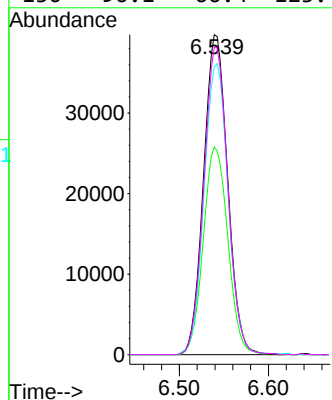
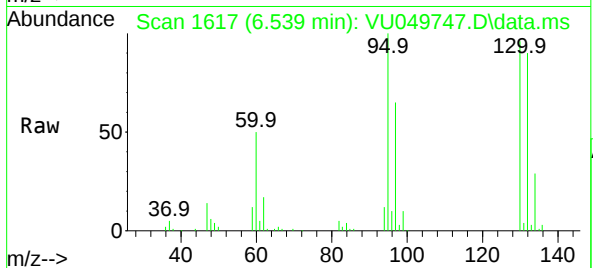
Ion Ratio Lower Upper

95 100

97 64.9 46.9 87.1

132 89.9 62.7 116.5

130 96.1 66.4 123.4



#35

Methylcyclohexane

Concen: 40.582 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

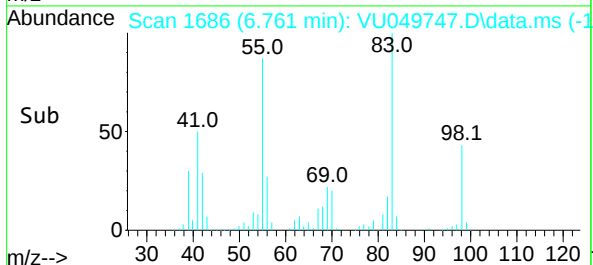
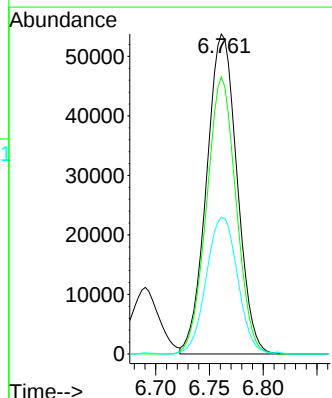
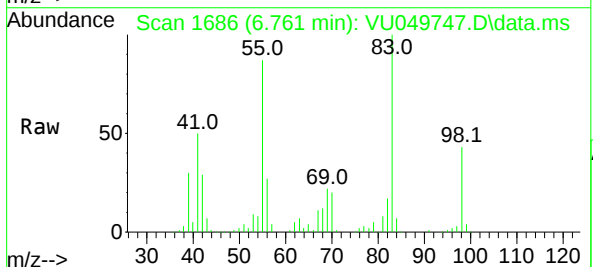
Tgt Ion: 83 Resp: 106116

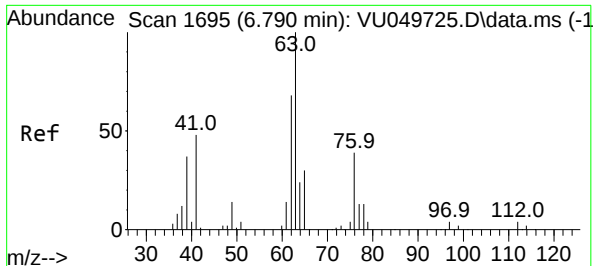
Ion Ratio Lower Upper

83 100

55 83.6 66.0 99.0

98 43.9 34.6 51.8





#37

1,2-Dichloropropane

Concen: 51.062 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

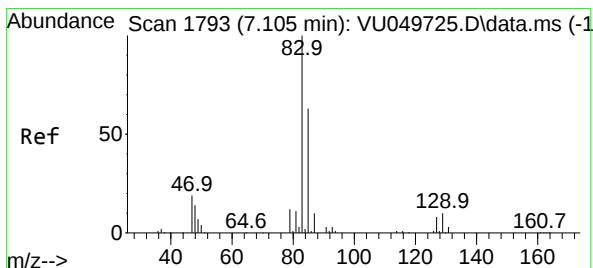
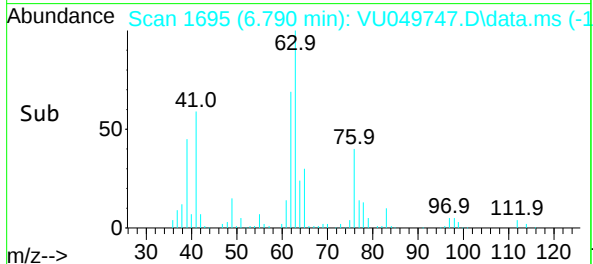
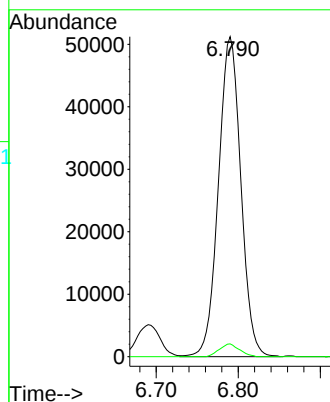
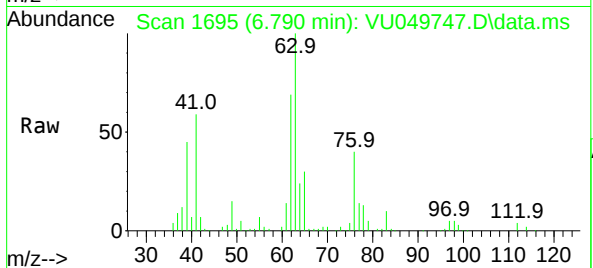
BH0E9MS

Tgt Ion: 63 Resp: 97428

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 49.744 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

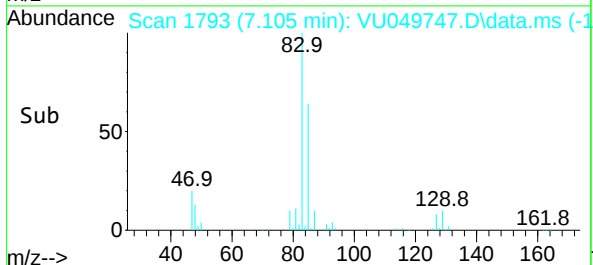
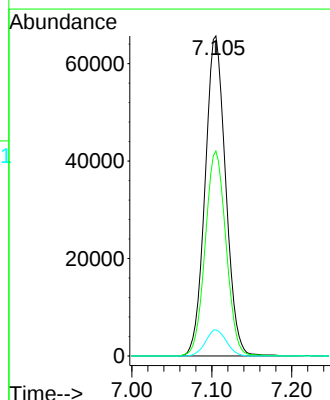
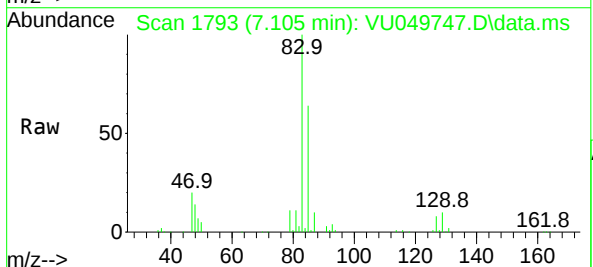
Tgt Ion: 83 Resp: 117679

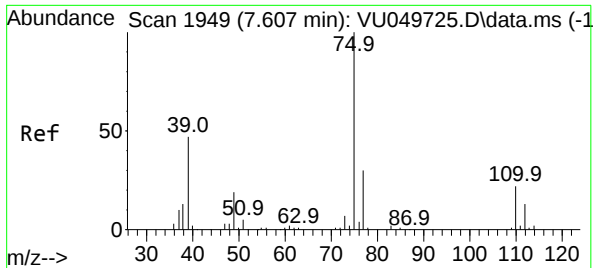
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 50.454 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

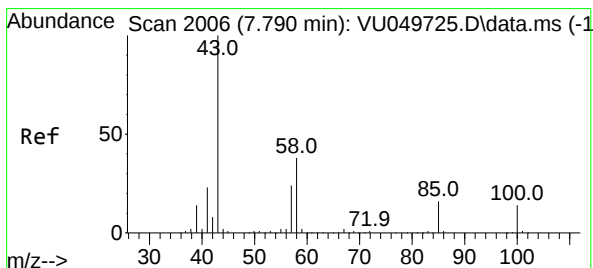
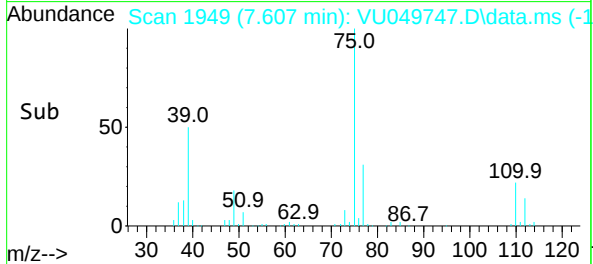
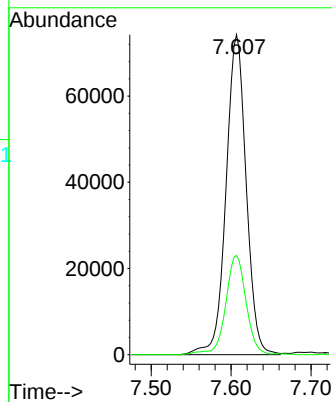
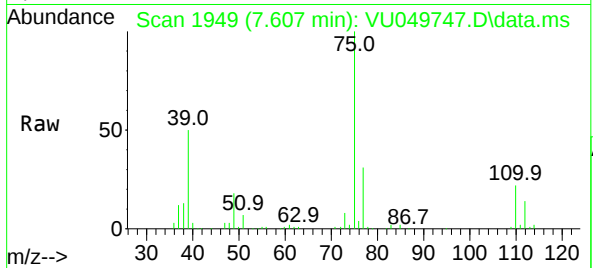
BH0E9MS

Tgt Ion: 75 Resp: 129834

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 109.421 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

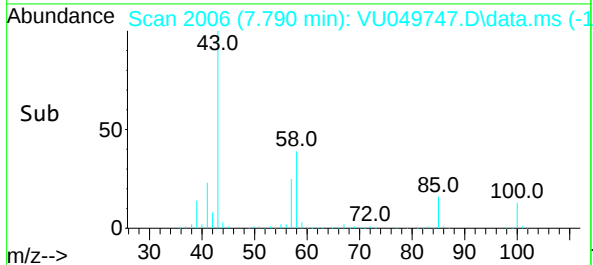
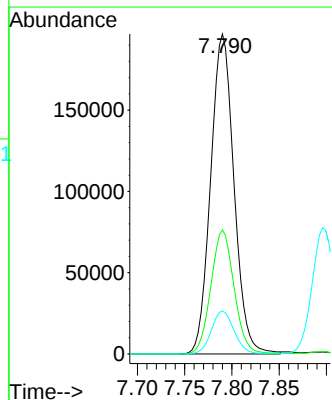
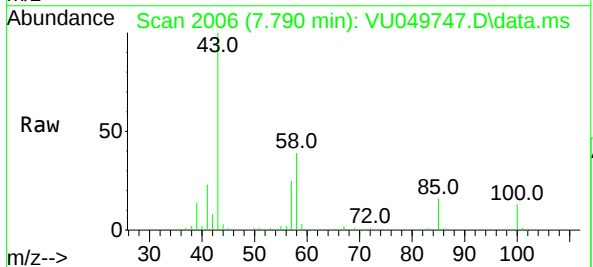
Tgt Ion: 43 Resp: 337991

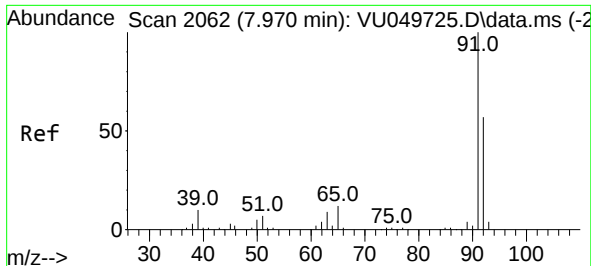
Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.0

100 13.1 10.3 15.5





#42

Toluene

Concen: 48.741 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

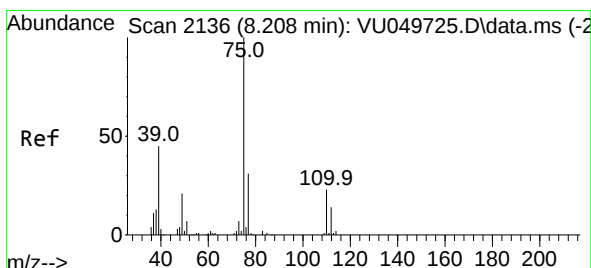
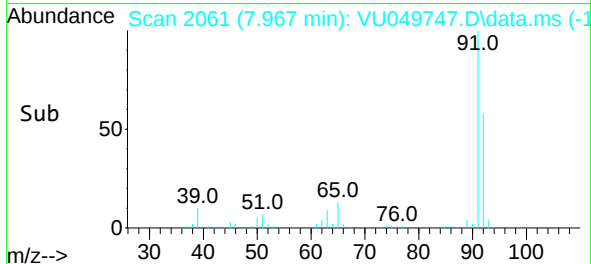
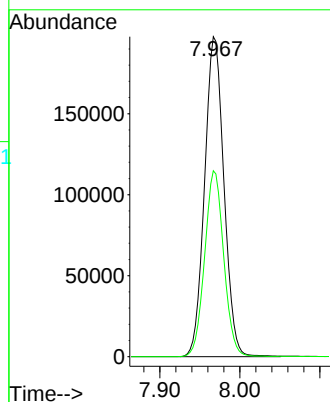
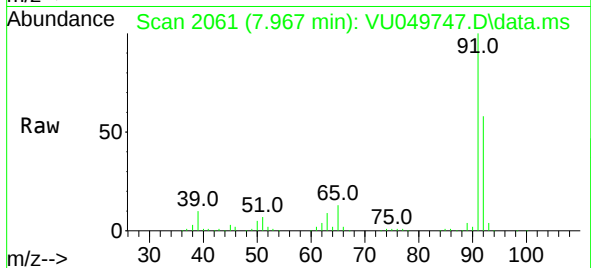
BH0E9MS

Tgt Ion: 91 Resp: 333471

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 50.412 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU049747.D

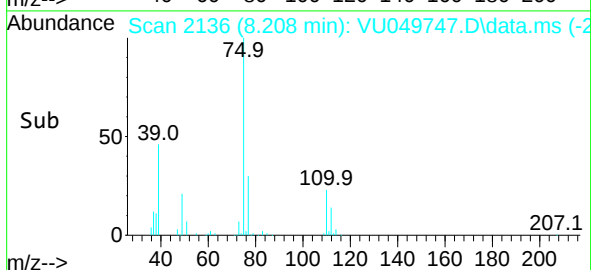
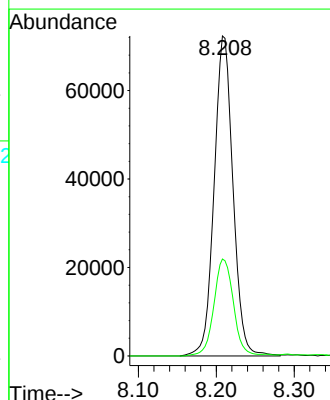
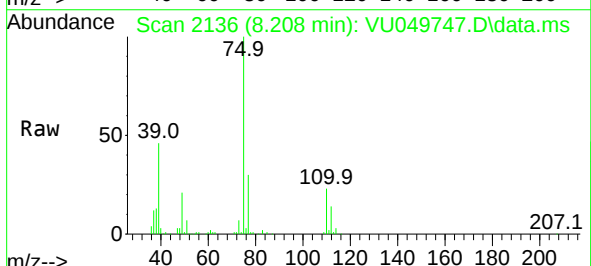
Acq: 15 Jul 2022 19:21

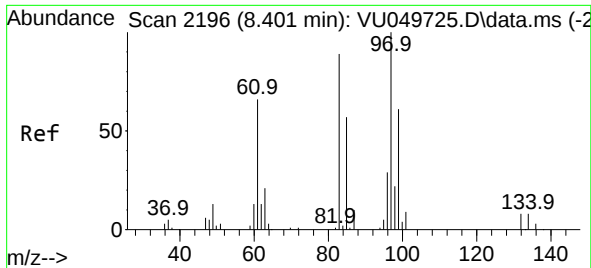
Tgt Ion: 75 Resp: 121805

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.9

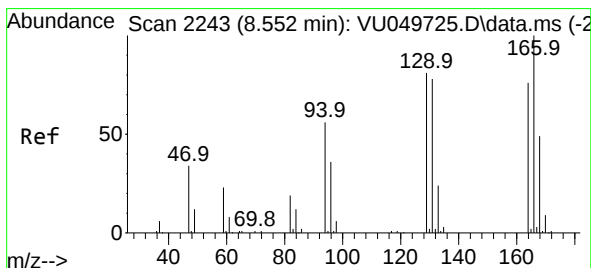
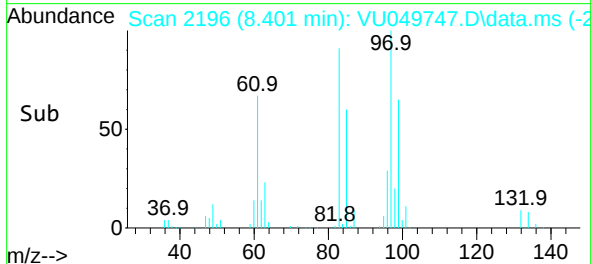
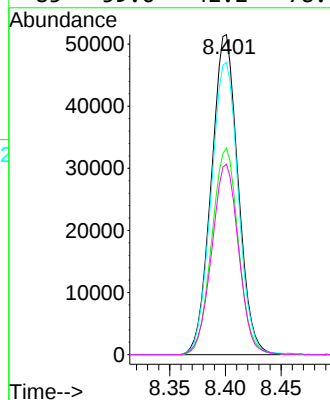
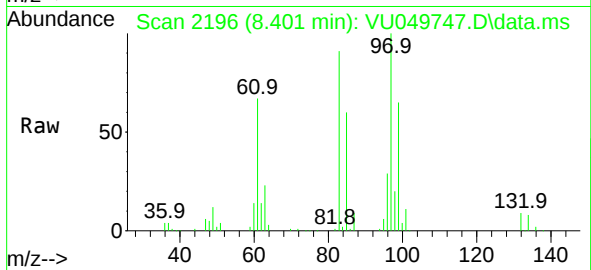




#45
1,1,2-Trichloroethane
Concen: 51.775 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

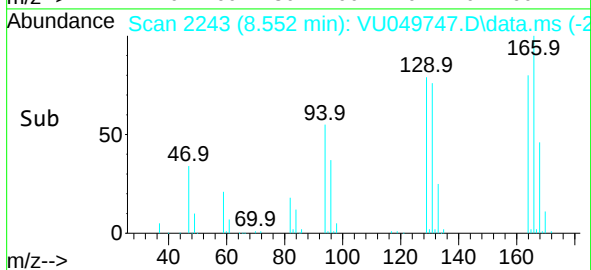
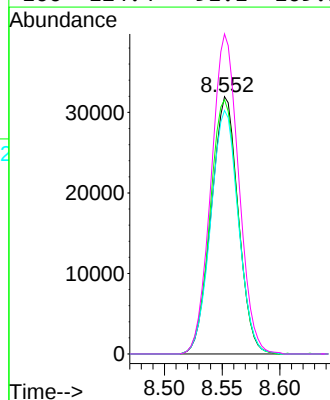
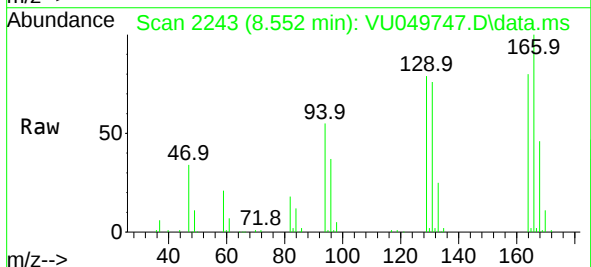
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

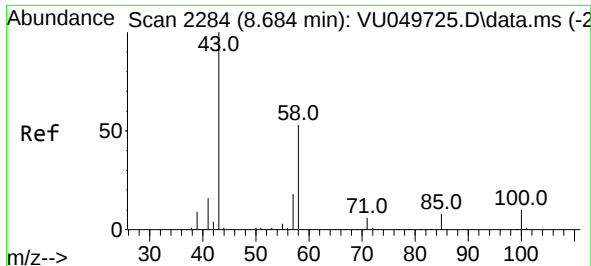
Tgt Ion: 97	Resp: 86228
Ion Ratio	Lower Upper
97 100	
99 64.5	44.3 82.3
83 91.3	64.0 118.8
85 59.6	42.2 78.4



#46
Tetrachloroethene
Concen: 45.095 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt	Ion:164	Resp:	52044
Ion	Ratio	Lower	Upper
164	100		
129	98.8	72.0	133.8
131	94.7	69.0	128.1
166	124.4	91.1	169.3



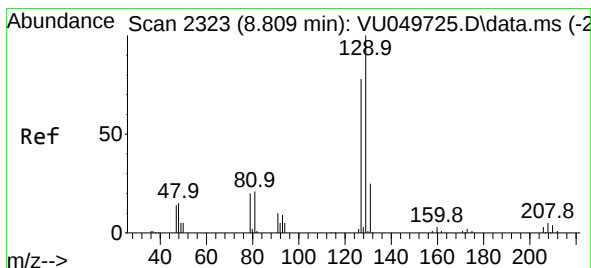
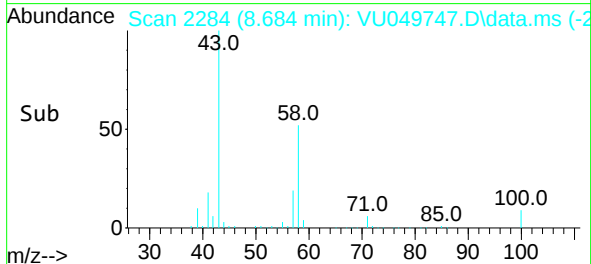
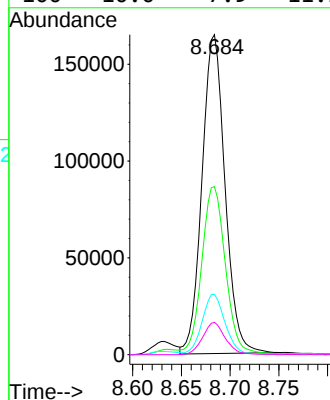
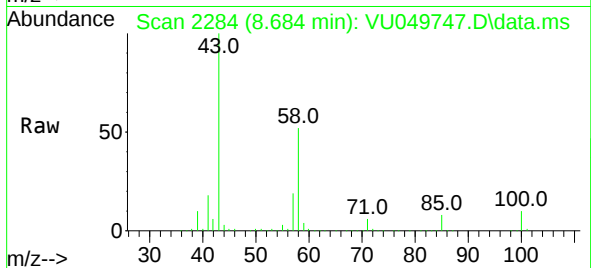


#48
2-Hexanone
Concen: 109.737 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

Tgt Ion: 43 Resp: 270874

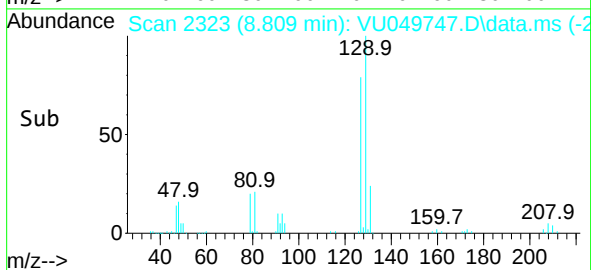
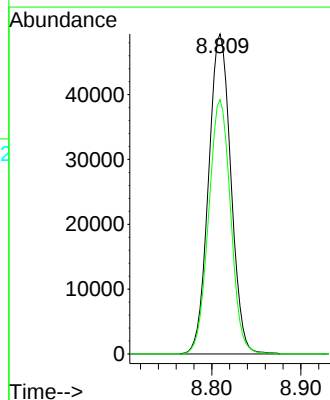
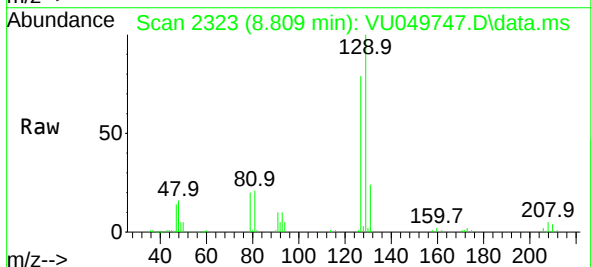
Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.6	64.0
57	18.8	15.0	22.6
100	10.0	7.9	11.9

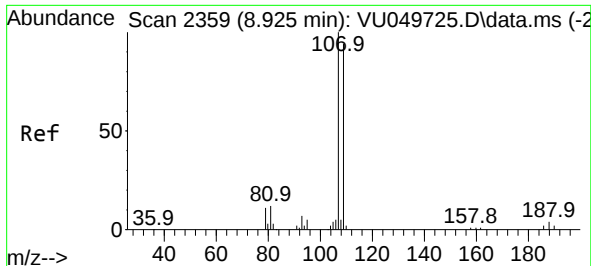


#49
Dibromochloromethane
Concen: 51.325 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 129 Resp: 85973

Ion	Ratio	Lower	Upper
129	100		
127	79.5	56.9	105.7





#50

1,2-Dibromoethane

Concen: 53.746 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

BH0E9MS

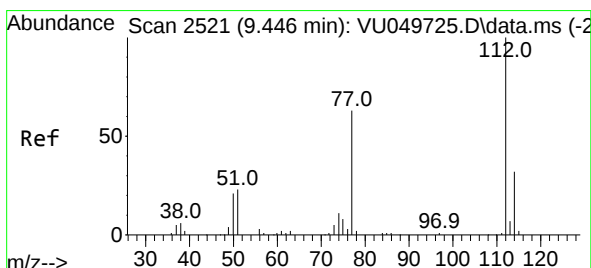
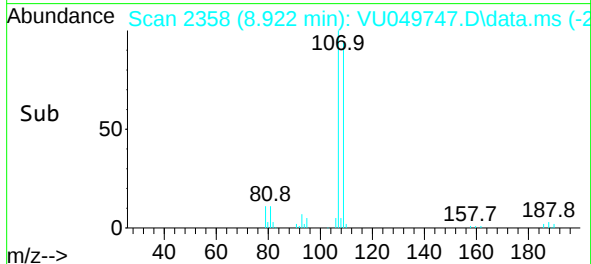
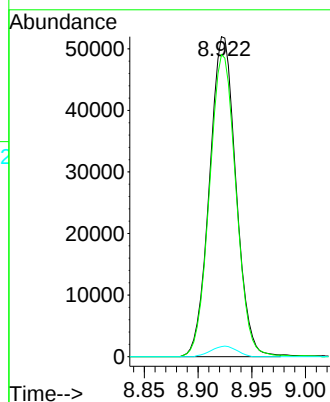
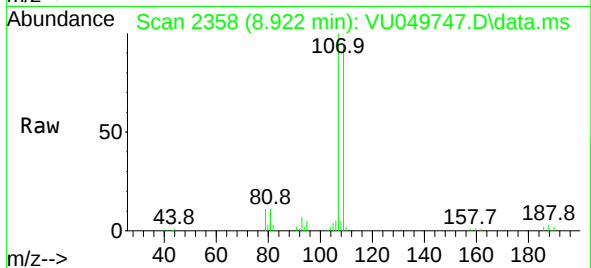
Tgt Ion:107 Resp: 88916

Ion Ratio Lower Upper

107 100

109 94.4 65.7 121.9

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 50.580 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

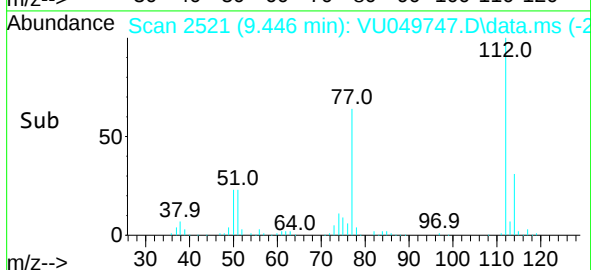
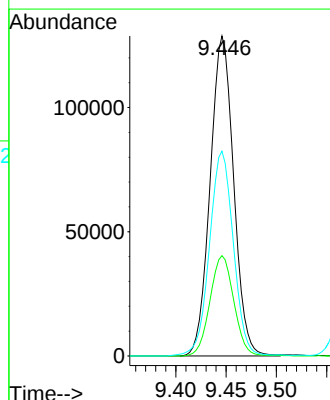
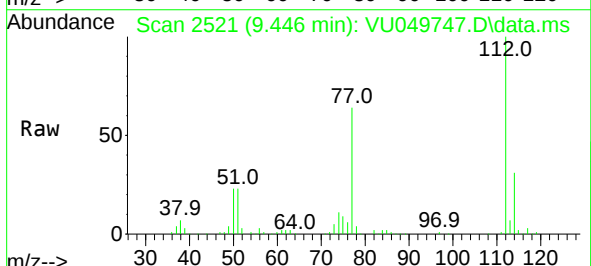
Tgt Ion:112 Resp: 209563

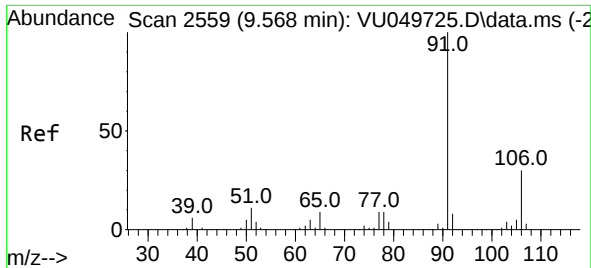
Ion Ratio Lower Upper

112 100

114 31.3 22.1 41.1

77 64.0 51.2 76.8

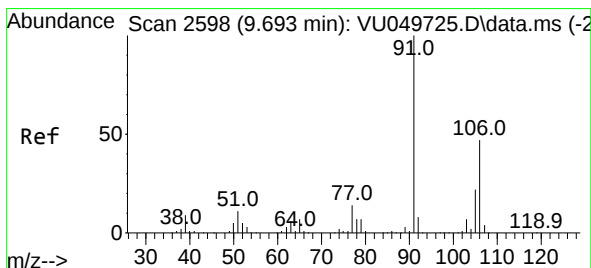
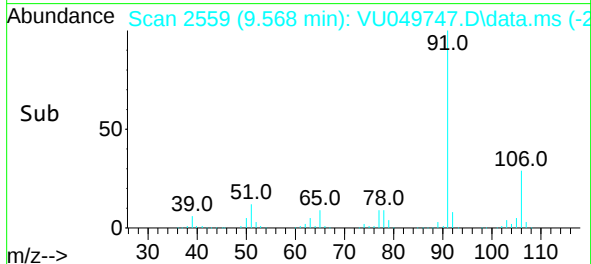
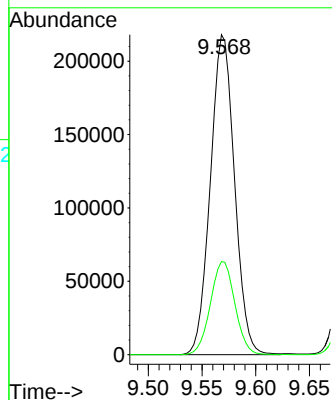
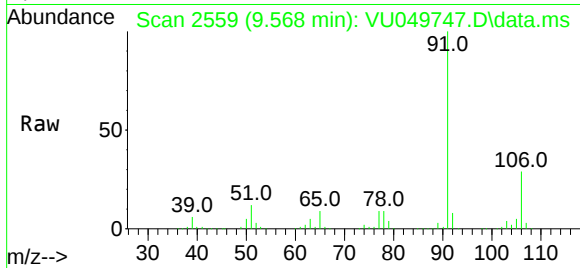




#52
Ethylbenzene
Concen: 47.186 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

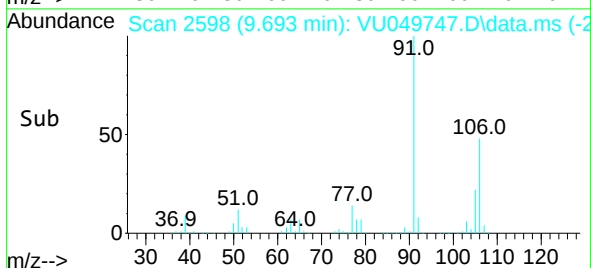
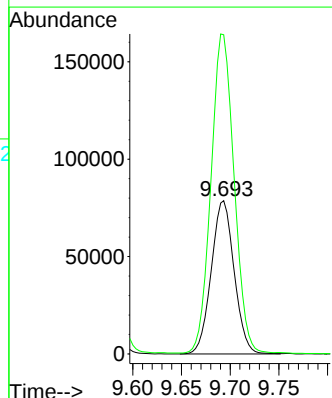
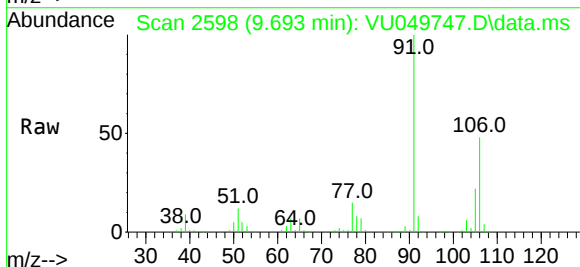
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

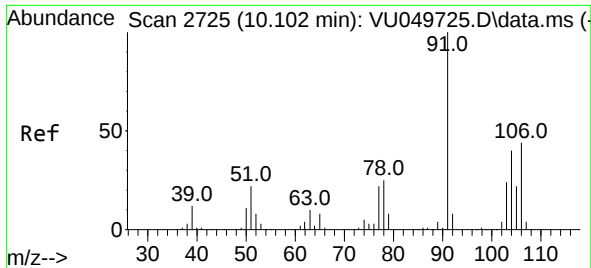
Tgt Ion: 91 Resp: 340668
Ion Ratio Lower Upper
91 100
106 29.1 21.0 39.0



#53
m,p-Xylene
Concen: 48.964 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 106 Resp: 128544
Ion Ratio Lower Upper
106 100
91 208.2 151.7 281.7

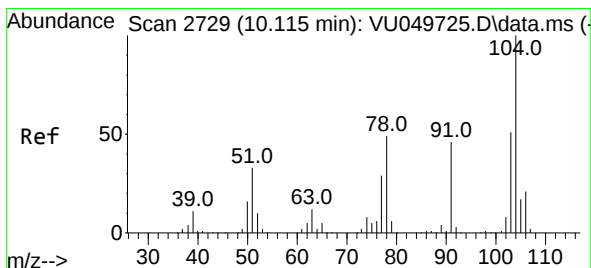
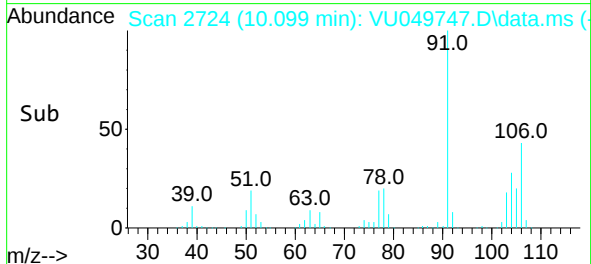
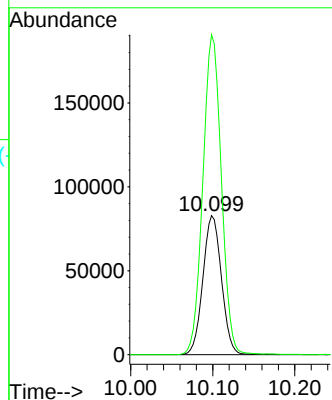
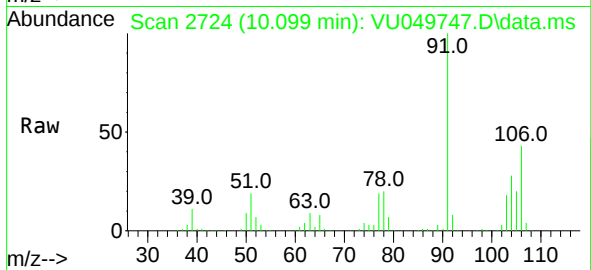




#54
o-Xylene
Concen: 49.289 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

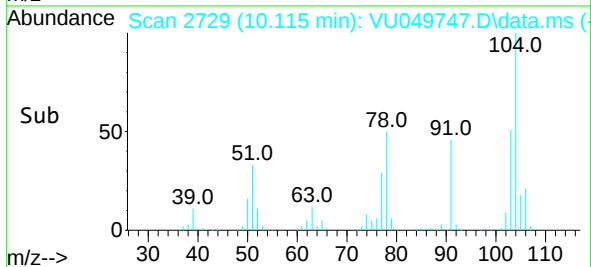
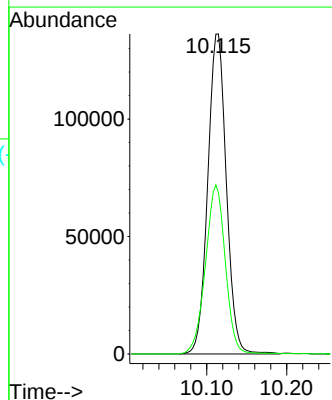
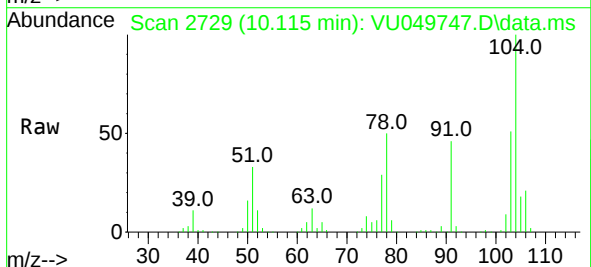
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

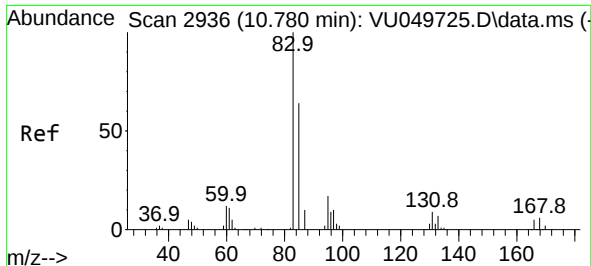
Tgt Ion:106 Resp: 130290
Ion Ratio Lower Upper
106 100
91 230.2 156.9 291.5



#55
Styrene
Concen: 50.446 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:104 Resp: 220066
Ion Ratio Lower Upper
104 100
78 50.4 36.1 67.1

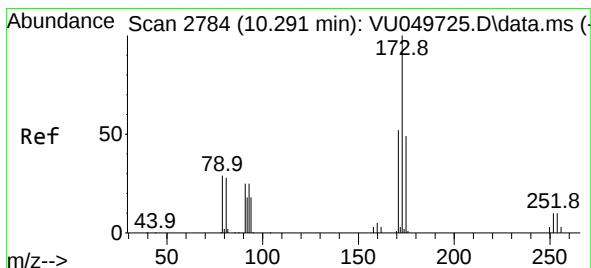
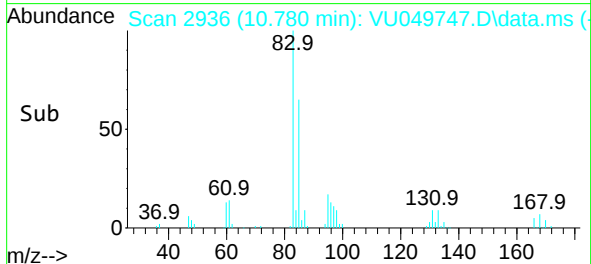
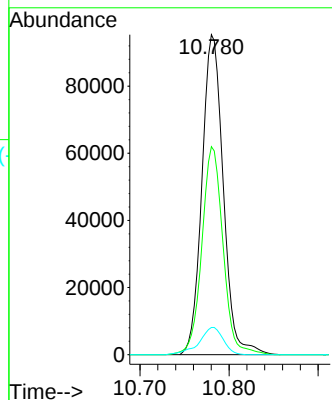
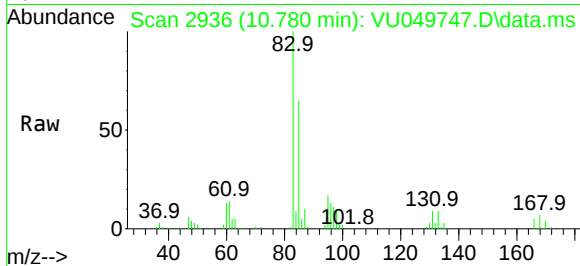




#57
1,1,2,2-Tetrachloroethane
Concen: 53.077 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

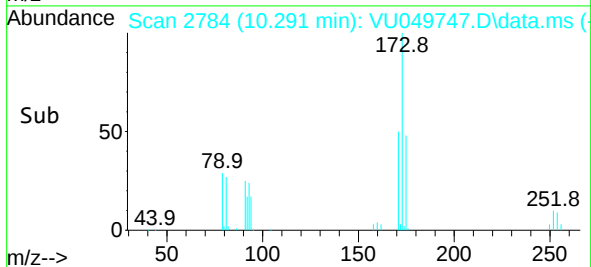
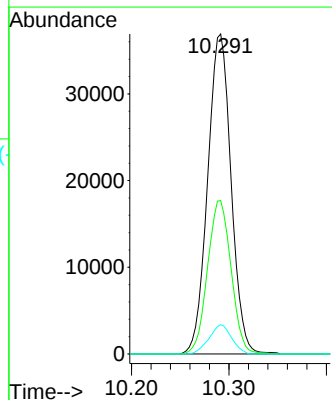
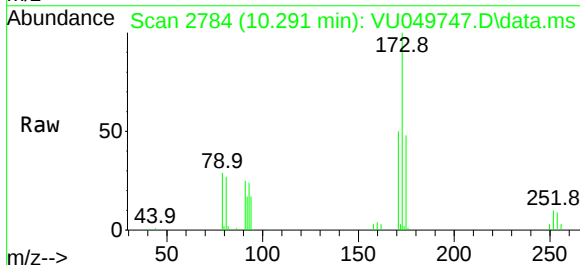
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

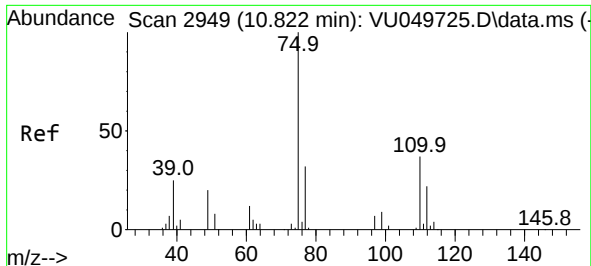
Tgt Ion: 83 Resp: 158236
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6
131 8.5 7.0 10.6



#59
Bromoform
Concen: 52.034 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:173 Resp: 61663
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
254 8.8 7.4 11.0

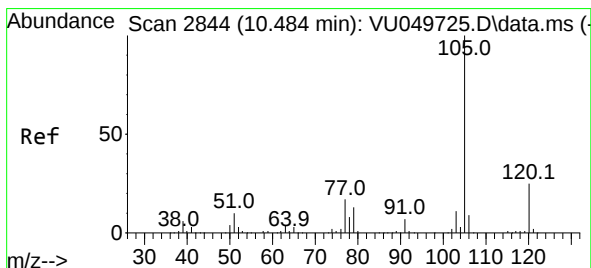
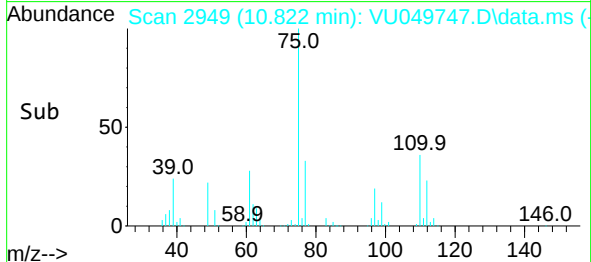
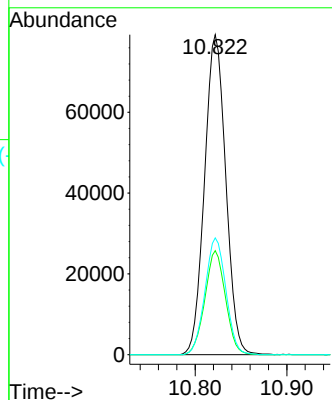
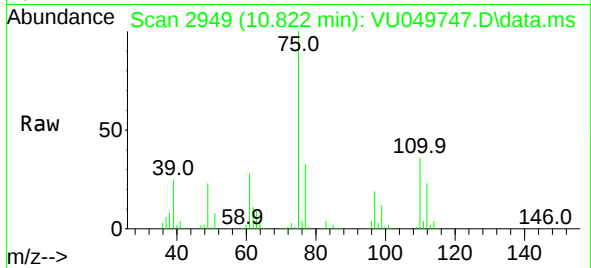




#60
1,2,3-Trichloropropane
Concen: 54.155 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

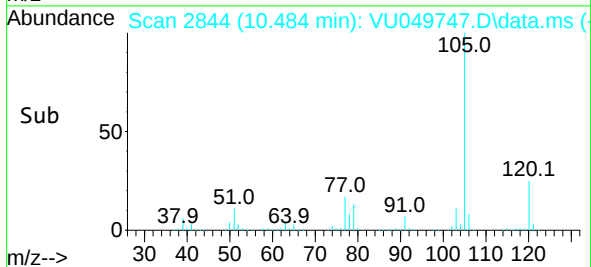
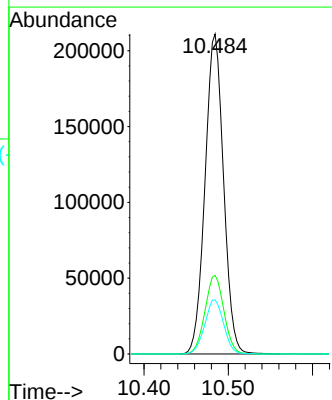
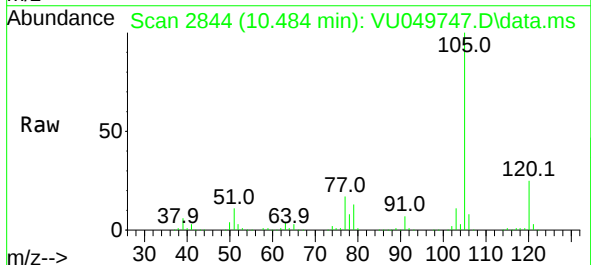
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

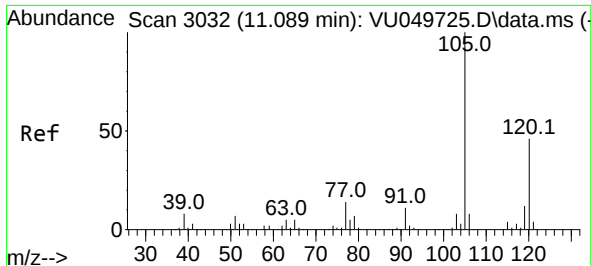
Tgt Ion: 75 Resp: 127448
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 35.9 28.9 43.3



#61
Isopropylbenzene
Concen: 48.899 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion: 105 Resp: 322603
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9
77 17.3 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 50.004 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

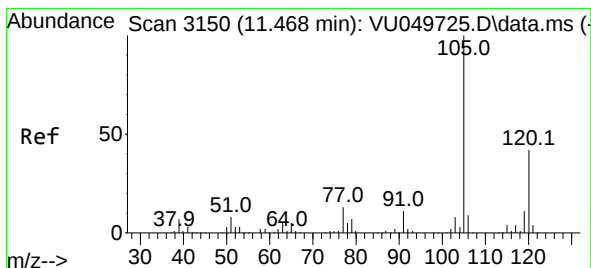
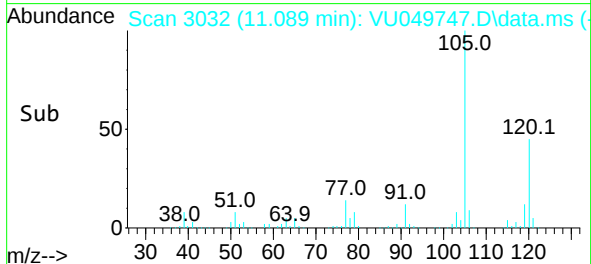
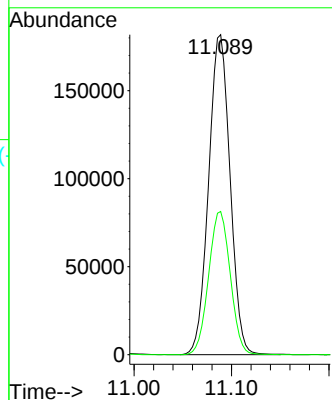
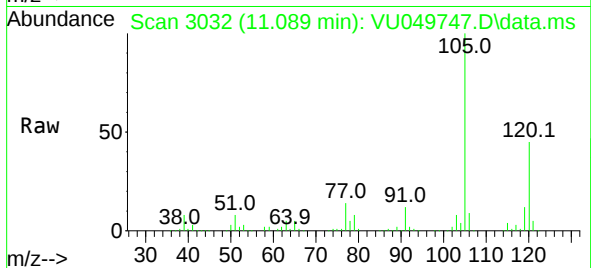
BH0E9MS

Tgt Ion:105 Resp: 278266

Ion Ratio Lower Upper

105 100

120 45.1 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 50.028 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049747.D

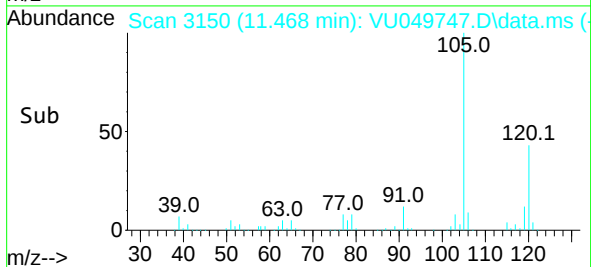
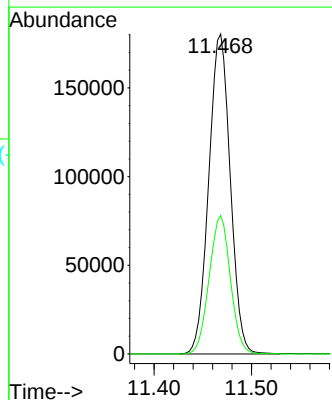
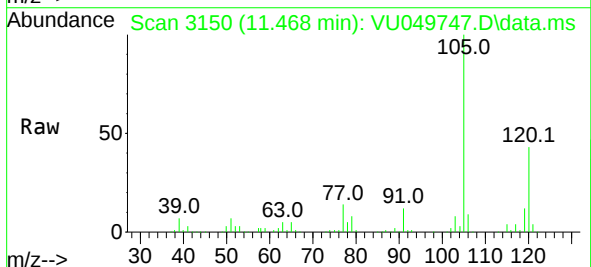
Acq: 15 Jul 2022 19:21

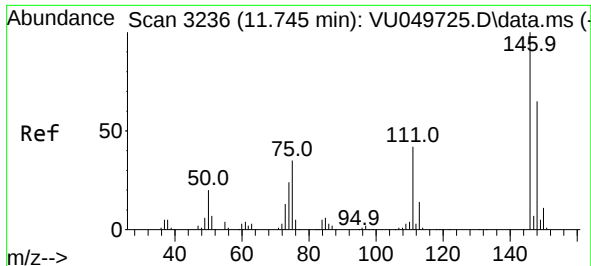
Tgt Ion:105 Resp: 276574

Ion Ratio Lower Upper

105 100

120 42.7 33.9 50.9

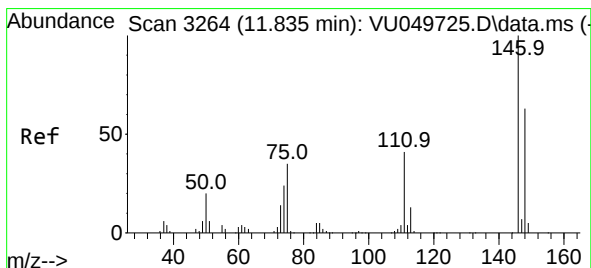
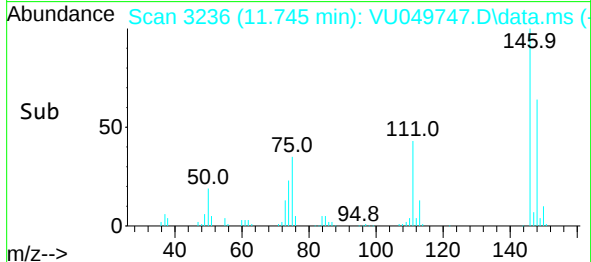
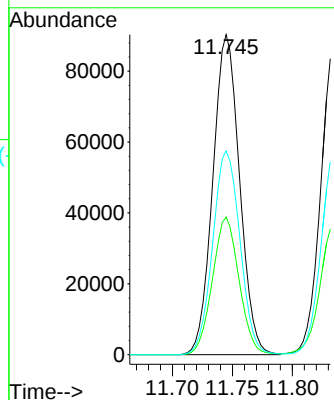
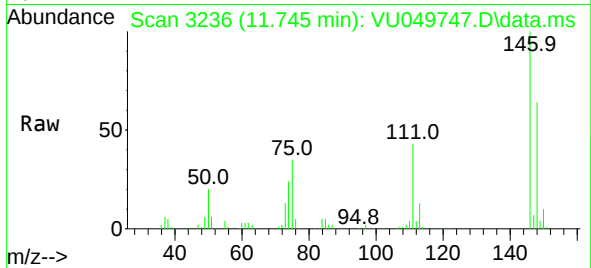




#64
1,3-Dichlorobenzene
Concen: 48.593 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

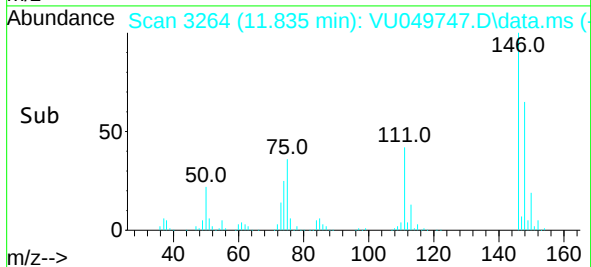
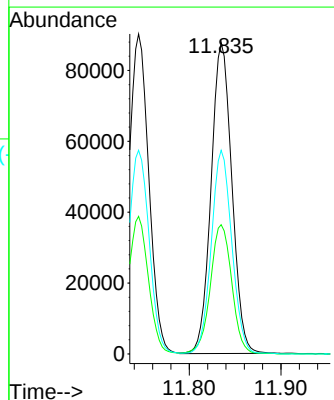
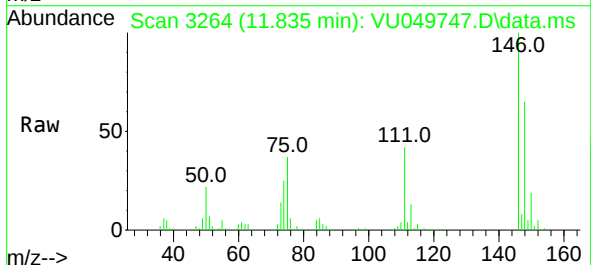
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

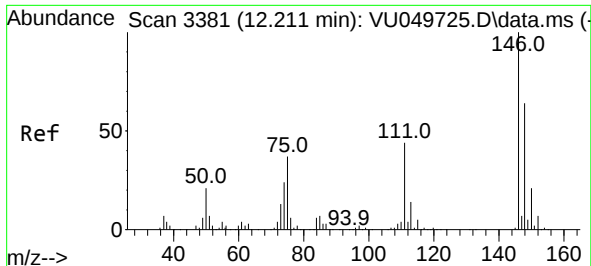
Tgt Ion:146 Resp: 139945
Ion Ratio Lower Upper
146 100
111 43.0 30.0 55.6
148 63.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 47.785 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:146 Resp: 138240
Ion Ratio Lower Upper
146 100
111 41.5 29.1 54.1
148 65.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.670 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

BH0E9MS

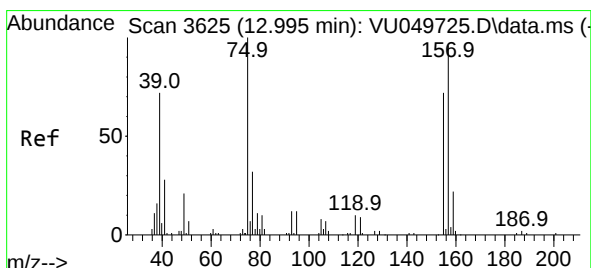
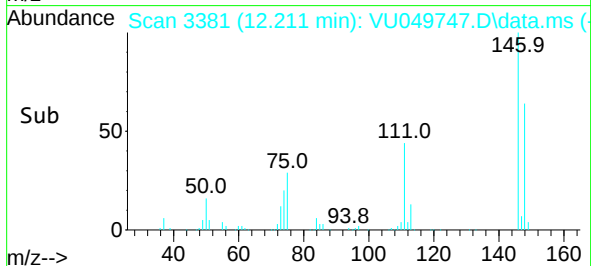
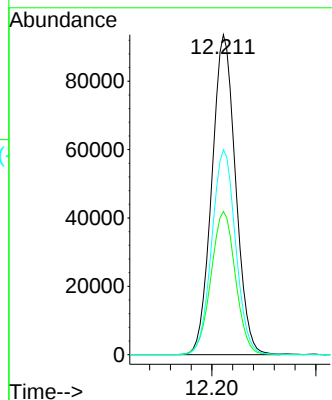
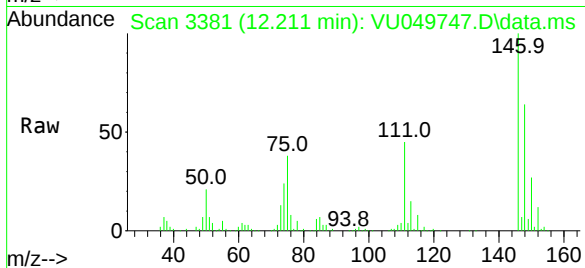
Tgt Ion:146 Resp: 148747

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 64.1 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 53.205 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

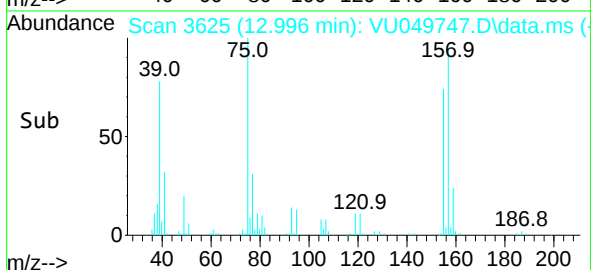
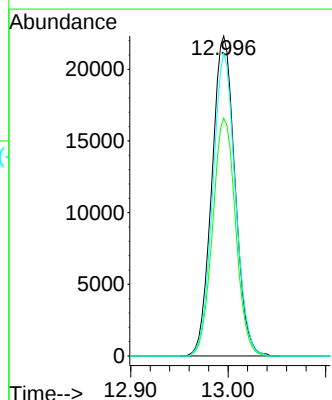
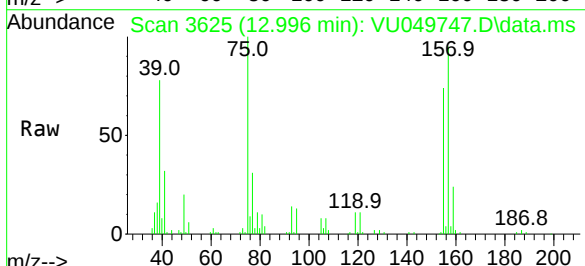
Tgt Ion: 75 Resp: 36689

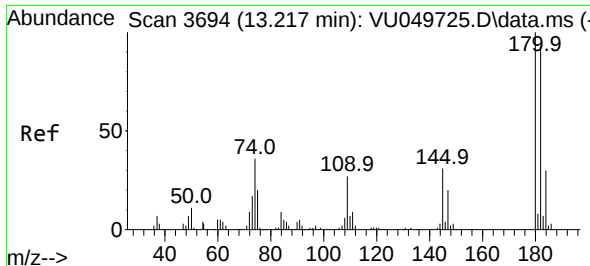
Ion Ratio Lower Upper

75 100

155 74.3 57.7 86.5

157 94.5 75.6 113.4

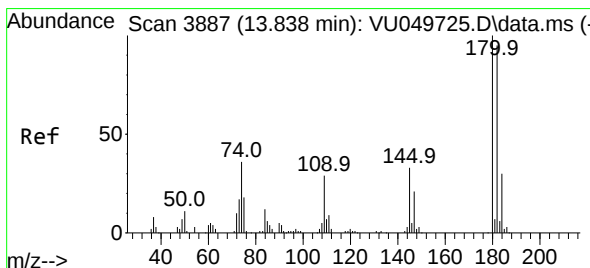
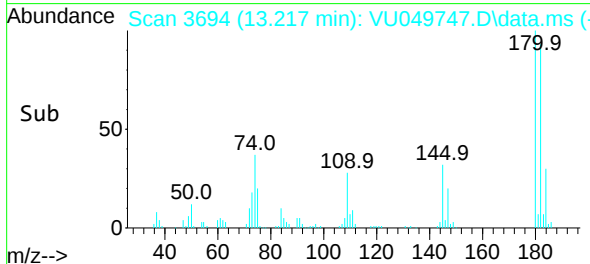
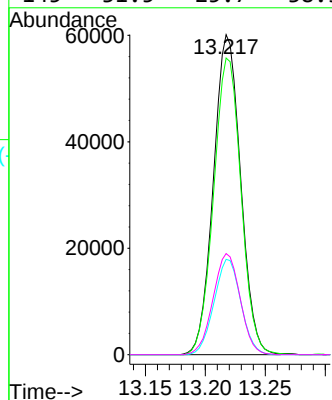
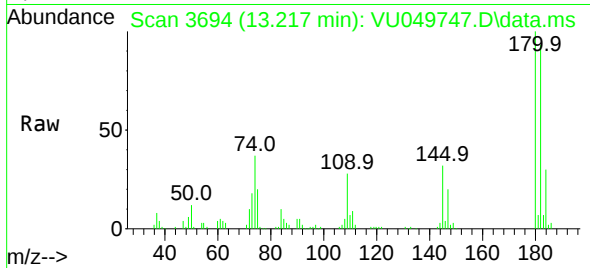




#69
1,3,5-Trichlorobenzene
Concen: 46.834 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

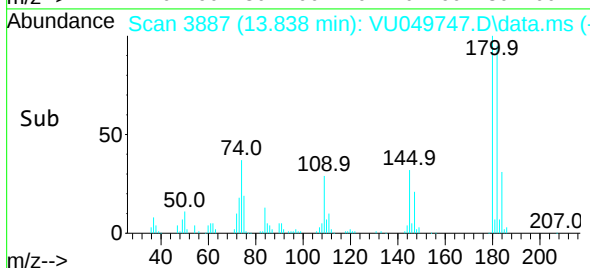
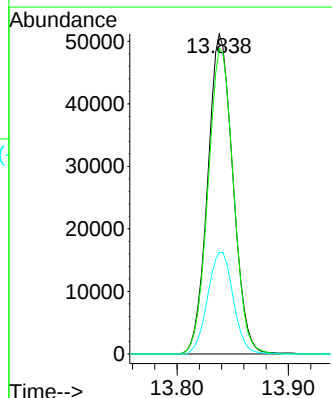
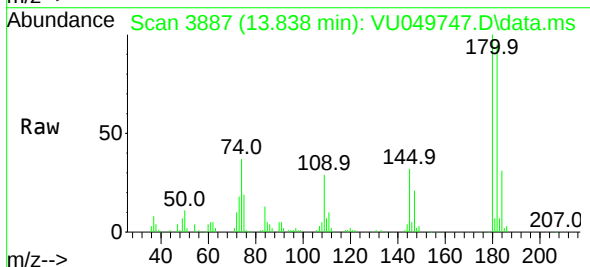
Instrument :
MSVOA_U
ClientSampleId :
BH0E9MS

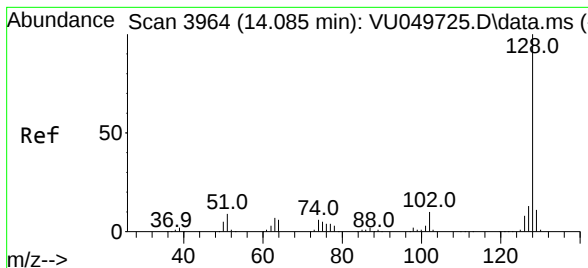
Tgt Ion:180	Resp:	94513
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.0 114.0
184	29.4	24.0 36.0
145	31.5	25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 43.430 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049747.D
Acq: 15 Jul 2022 19:21

Tgt Ion:180	Resp:	80429
Ion Ratio	Lower	Upper
180	100	
182	96.2	74.8 112.2
145	32.2	24.7 37.1





#71

Naphthalene

Concen: 48.401 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

BH0E9MS

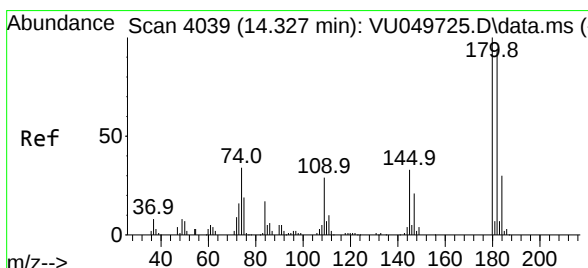
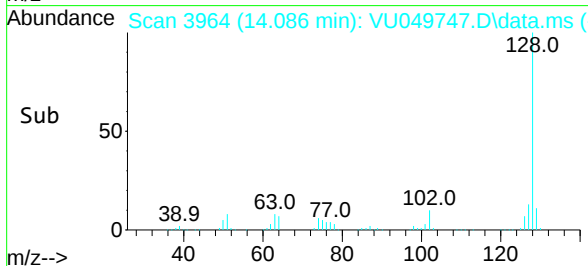
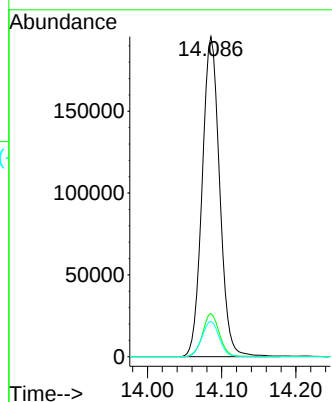
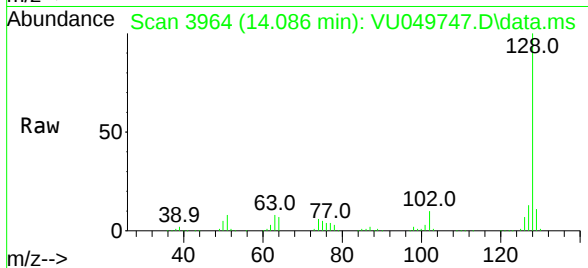
Tgt Ion:128 Resp: 320434

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.314 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU049747.D

Acq: 15 Jul 2022 19:21

Tgt Ion:180 Resp: 90763

Ion Ratio Lower Upper

180 100

182 98.1 76.6 115.0

145 34.6 27.1 40.7

