

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U050322\
 Data File : U048401.D
 Acq On : 03 May 2022 19:29
 Operator : SY/MD
 Sample : N2668-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL67MS

Quant Time: May 04 01:42:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	438151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	435179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	238918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	207768	51.567	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.140%	
7) Chloroethane-d5	1.903	69	168633	59.626	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	119.260%	
11) 1,1-Dichloroethene-d2	2.565	63	307908	47.695	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.380%	
21) 2-Butanone-d5	4.620	46	320895	93.380	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	93.380%	
24) Chloroform-d	5.063	84	358561	49.063	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.120%	
26) 1,2-Dichloroethane-d4	5.703	65	213322	49.196	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.400%	
32) Benzene-d6	5.729	84	738236	53.788	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.580%	
36) 1,2-Dichloropropane-d6	6.690	67	234656	51.715	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	103.420%	
41) Toluene-d8	7.899	98	683919	54.974	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.940%	
43) trans-1,3-Dichloroprop...	8.179	79	103350	51.618	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.240%	
47) 2-Hexanone-d5	8.632	63	235272	96.104	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	96.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	377043	47.379	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.760%	
66) 1,2-Dichlorobenzene-d4	12.195	152	278047	51.734	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	103.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	119081	35.968	ug/L	99
3) Chloromethane	1.523	50	133540	35.240	ug/L	99
5) Vinyl chloride	1.604	62	152527	39.942	ug/L	96
6) Bromomethane	1.838	94	88465	50.407	ug/L	99
8) Chloroethane	1.925	64	100447	46.520	ug/L	97
9) Trichlorofluoromethane	2.134	101	217479	43.701	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	141671	42.922	ug/L	98
12) 1,1-Dichloroethene	2.578	96	124019	43.046	ug/L	86
13) Acetone	2.623	43	179848	81.522	ug/L	100
14) Carbon disulfide	2.793	76	240533	34.255	ug/L	100
15) Methyl Acetate	2.948	43	183681	41.943	ug/L	98
16) Methylene chloride	3.047	84	166599	44.852	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	129942	43.415	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	487067	49.322	ug/L	99
19) 1,1-Dichloroethane	3.871	63	282058	45.066	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	170248	47.189	ug/L	94
22) 2-Butanone	4.700	43	296809	90.982	ug/L	97
23) Bromochloromethane	4.973	128	94891	47.110	ug/L	96
25) Chloroform	5.089	83	324443	50.764	ug/L	100

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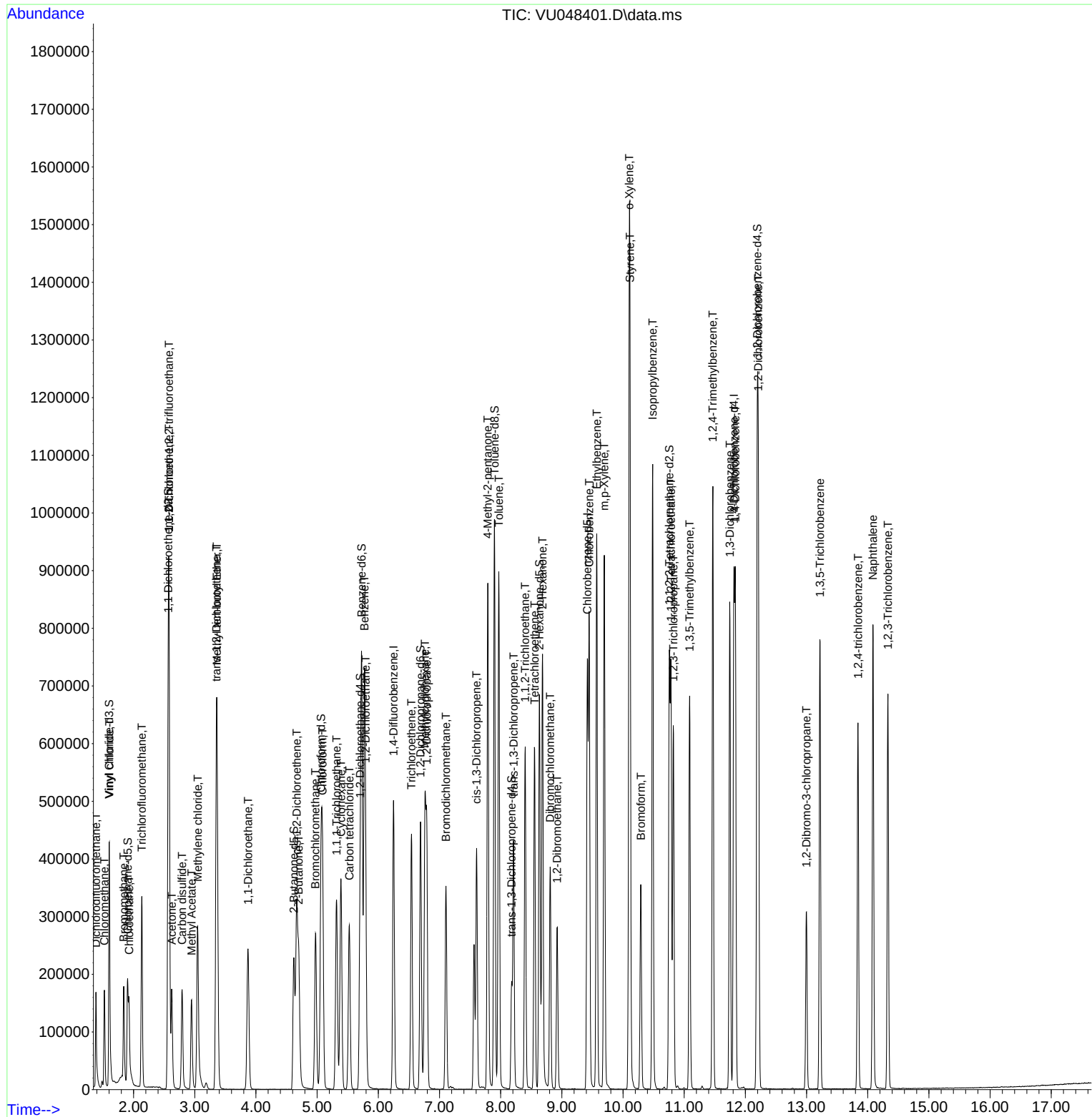
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	215364	46.198	ug/L	98
29) Cyclohexane	5.391	56	180894	43.995	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	244080	49.598	ug/L	99
31) Carbon tetrachloride	5.526	117	200911	47.900	ug/L	99
33) Benzene	5.774	78	636205	49.378	ug/L	100
34) Trichloroethene	6.542	95	150964	47.802	ug/L	99
35) Methylcyclohexane	6.764	83	198147	44.689	ug/L	98
37) 1,2-Dichloropropane	6.790	63	180004	49.103	ug/L	99
38) Bromodichloromethane	7.105	83	233329	50.401	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	253207	49.121	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	547868	99.089	ug/L	99
42) Toluene	7.970	91	676659	50.021	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	244388	48.530	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	190721	49.588	ug/L	99
46) Tetrachloroethene	8.555	164	142554	52.595	ug/L	99
48) 2-Hexanone	8.684	43	459729	99.570	ug/L	99
49) Dibromochloromethane	8.809	129	202650	47.949	ug/L	97
50) 1,2-Dibromoethane	8.922	107	190466	48.834	ug/L	97
51) Chlorobenzene	9.446	112	456886	46.857	ug/L	99
52) Ethylbenzene	9.571	91	697624	49.797	ug/L	99
53) m,p-Xylene	9.693	106	275706	49.871	ug/L	100
54) o-Xylene	10.102	106	286745	51.486	ug/L	99
55) Styrene	10.115	104	485616	51.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	360774	47.528	ug/L	99
59) Bromoform	10.291	173	166940	48.146	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	272553	48.901	ug/L	99
61) Isopropylbenzene	10.484	105	712800	53.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	368836	52.385	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	575415	53.156	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	366504	48.937	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	360833	47.193	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	387134	49.069	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	73147	49.161	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	268791	48.299	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	213209	48.494	ug/L	100
71) Naphthalene	14.086	128	666531	52.974	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	229054	50.836	ug/L	99

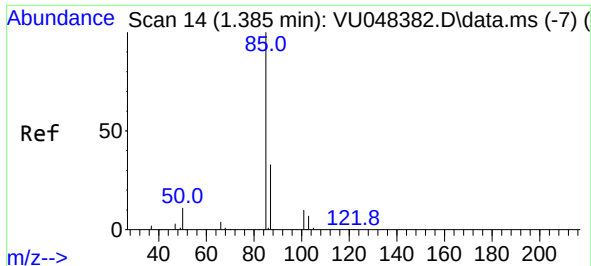
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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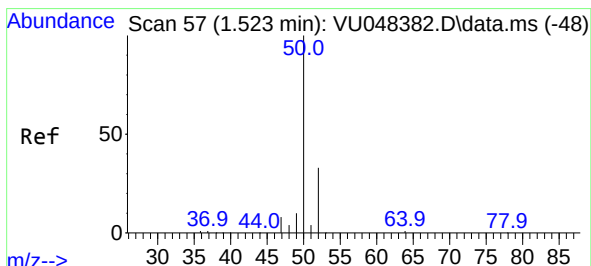
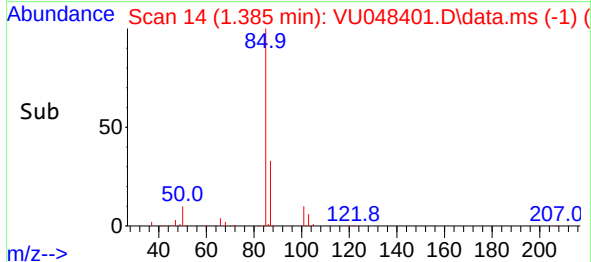
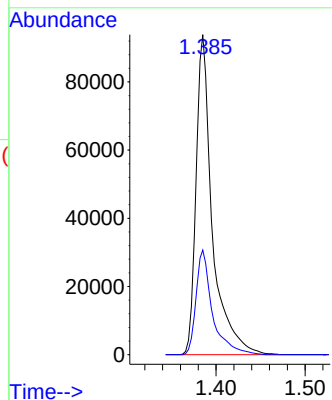
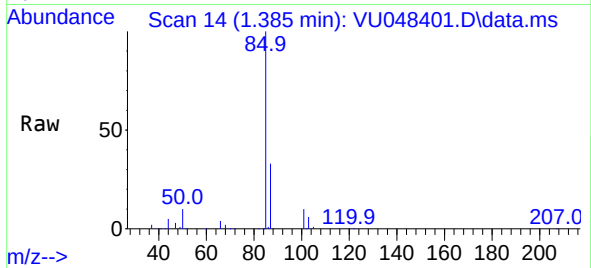




#2
Dichlorodifluoromethane
Concen: 35.968 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

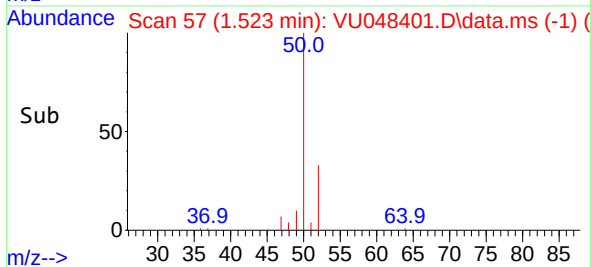
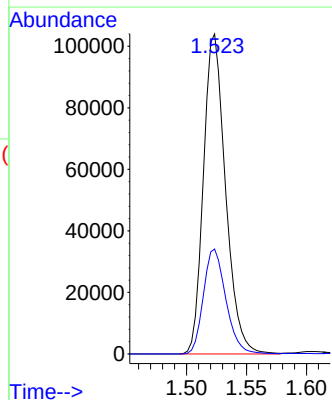
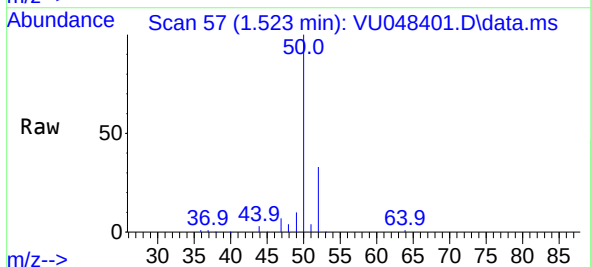
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MSVOA_U
ClientSampleId :
EXL67MS

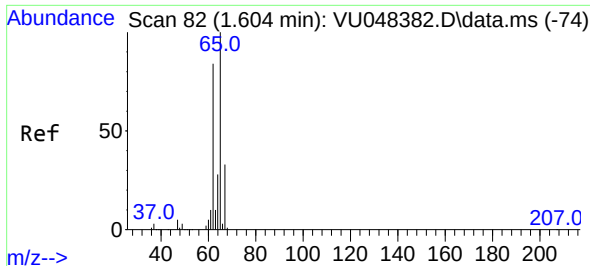
Tgt Ion: 85 Resp: 119081
Ion Ratio Lower Upper
85 100
87 33.1 26.1 39.1



#3
Chloromethane
Concen: 35.240 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 50 Resp: 133540
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

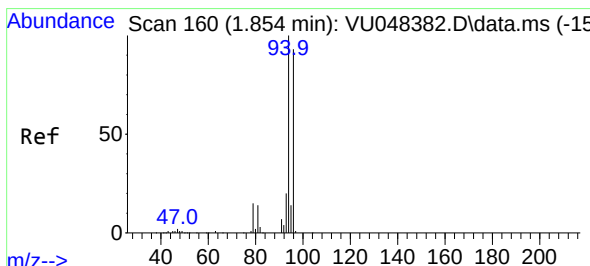
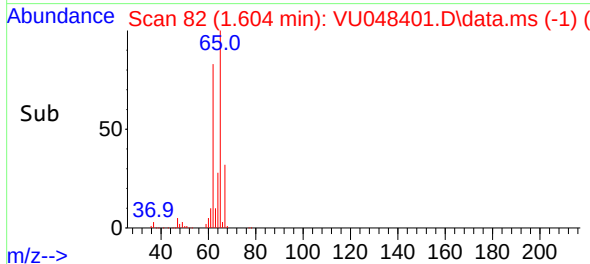
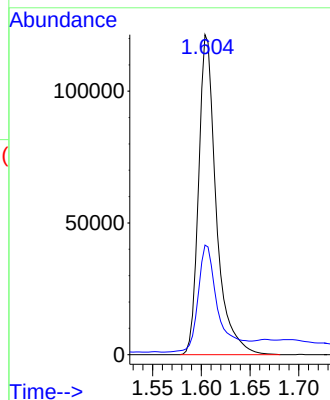
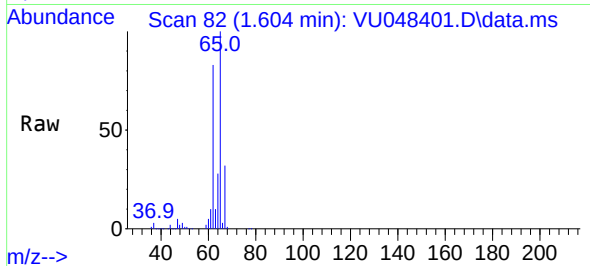




#5
 Vinyl chloride
 Concen: 39.942 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048401.D
 Acq: 03 May 2022 19:29

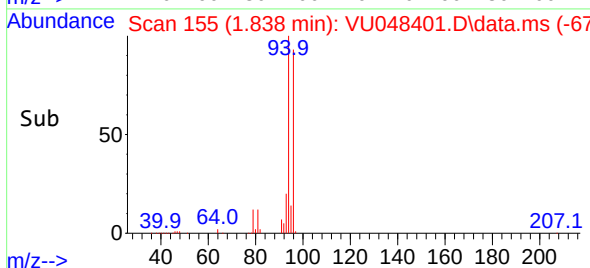
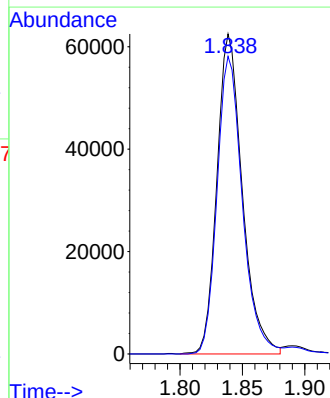
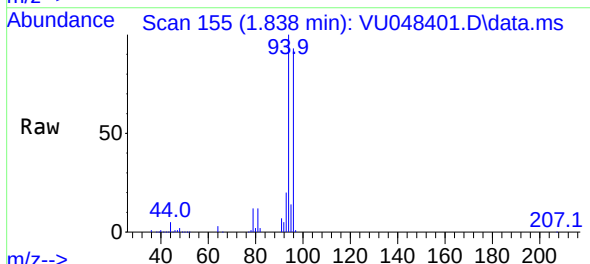
Instrument :
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 ClientSampleId :
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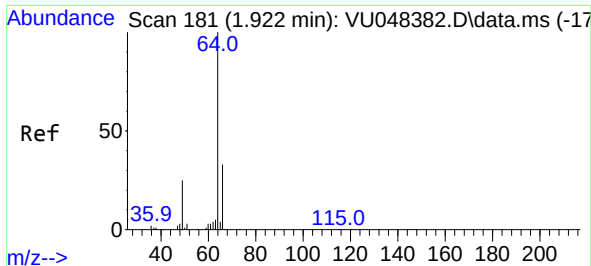
Tgt Ion: 62 Resp: 152527
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.7



#6
 Bromomethane
 Concen: 50.407 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.016 min
 Lab File: VU048401.D
 Acq: 03 May 2022 19:29

Tgt Ion: 94 Resp: 88465
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2

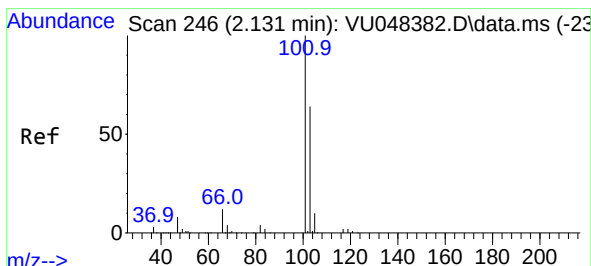
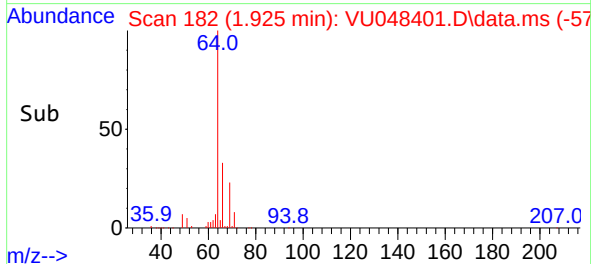
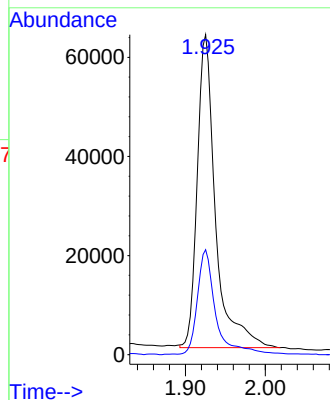
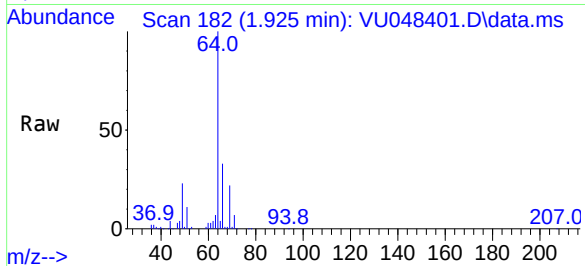




#8
Chloroethane
Concen: 46.520 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

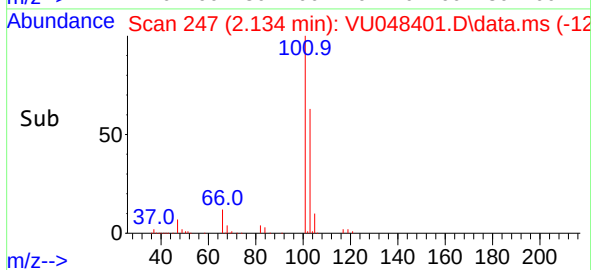
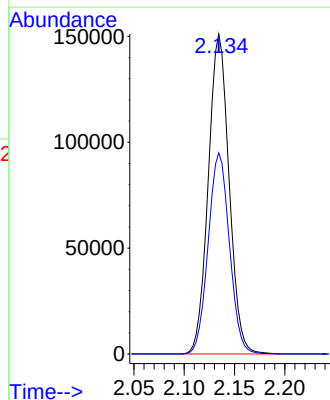
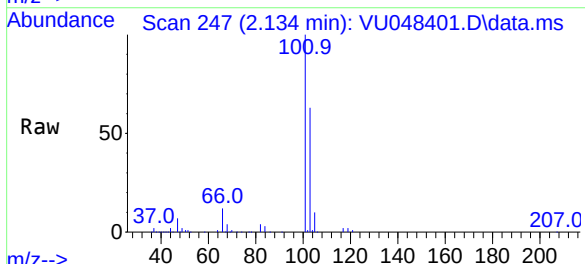
Instrument :
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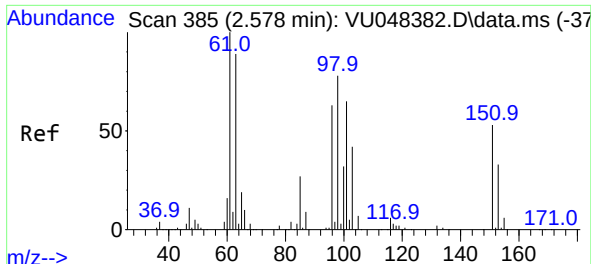
Tgt Ion: 64 Resp: 100447
Ion Ratio Lower Upper
64 100
66 32.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 43.701 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:101 Resp: 217479
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

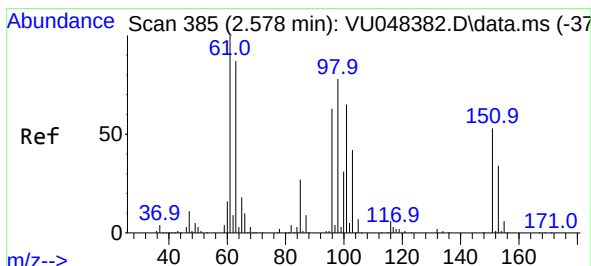
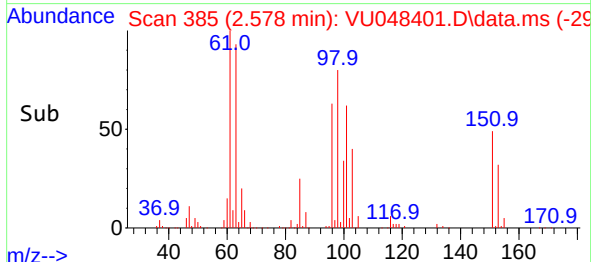
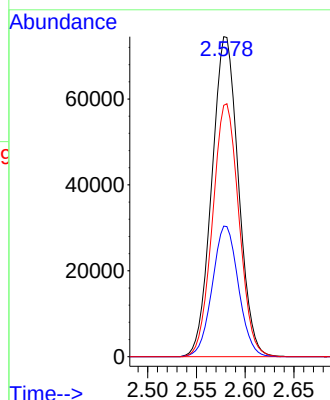
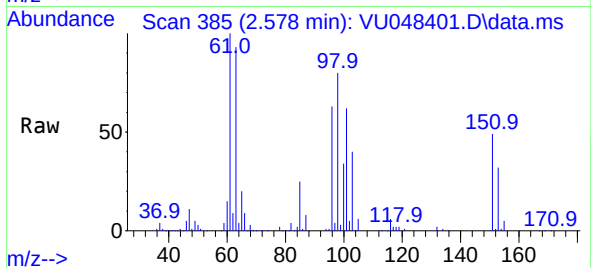




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.922 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

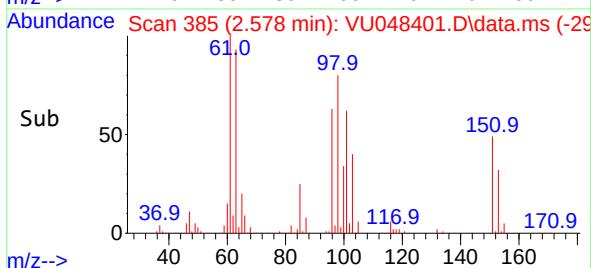
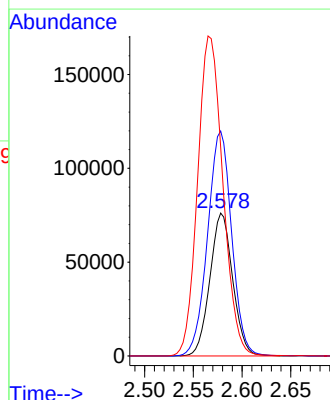
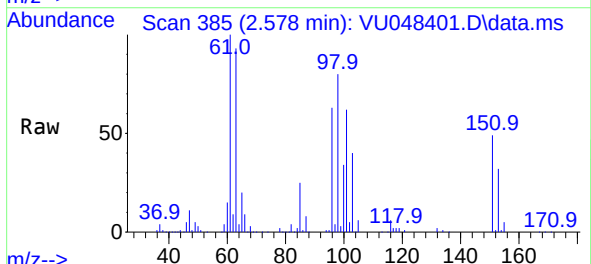
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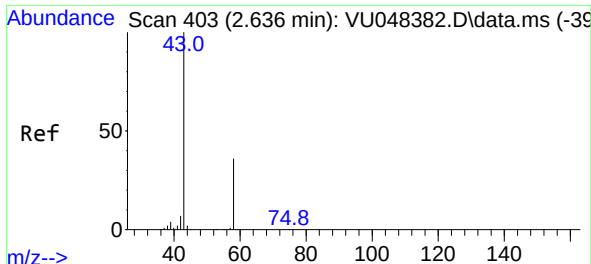
Tgt Ion:101 Resp: 141671
Ion Ratio Lower Upper
101 100
85 40.1 32.6 48.8
151 78.4 64.1 96.1



#12
1,1-Dichloroethene
Concen: 43.046 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 96 Resp: 124019
Ion Ratio Lower Upper
96 100
61 157.5 107.9 200.3
63 146.1 80.3 149.1





#13

Acetone

Concen: 81.522 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

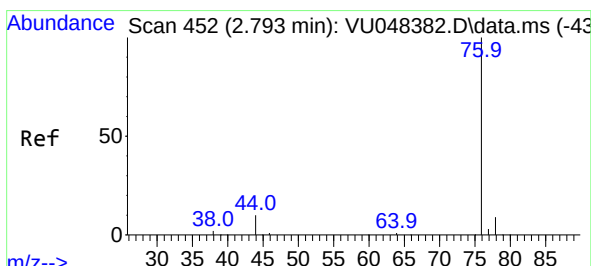
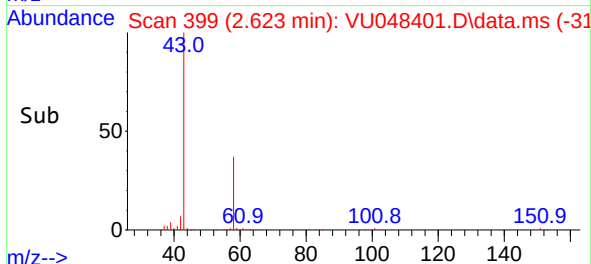
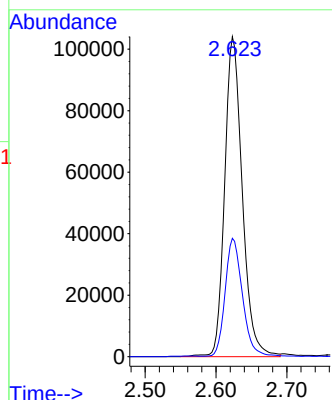
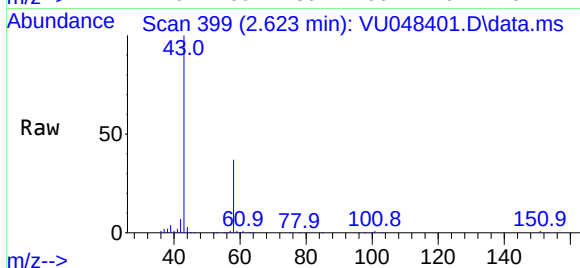
EXL67MS

Tgt Ion: 43 Resp: 179848

Ion Ratio Lower Upper

43 100

58 35.8 0.0 71.2



#14

Carbon disulfide

Concen: 34.255 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048401.D

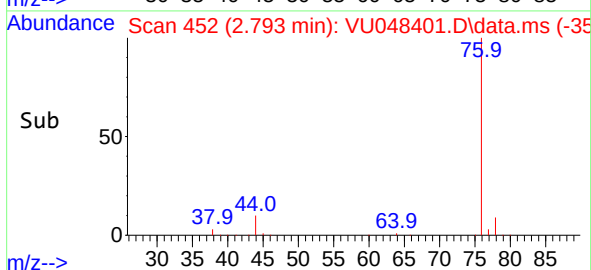
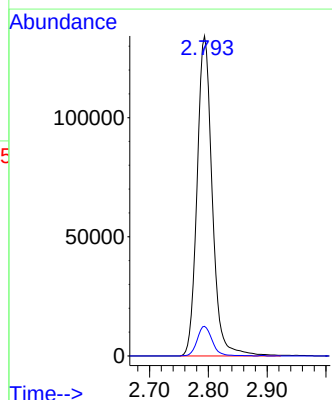
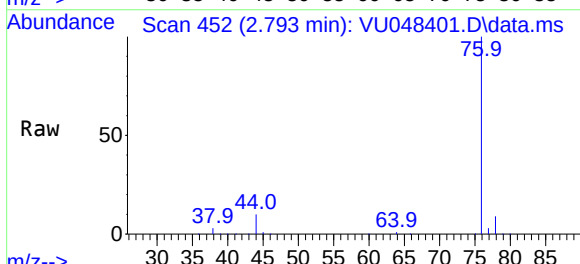
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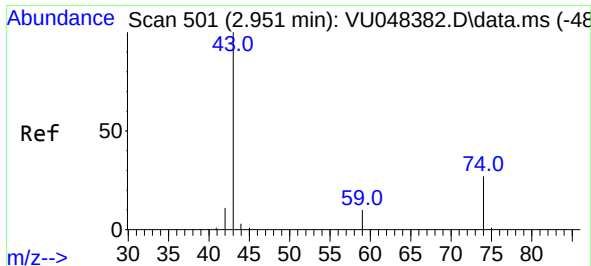
Tgt Ion: 76 Resp: 240533

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

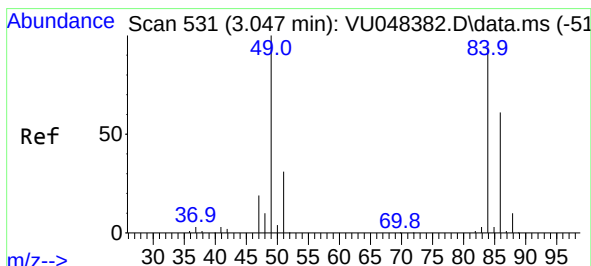
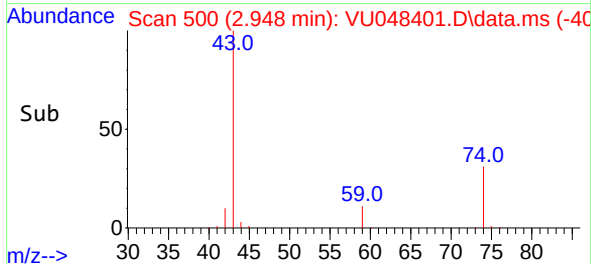
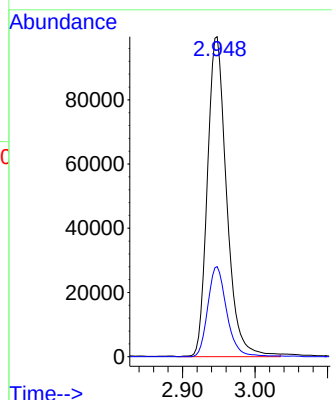
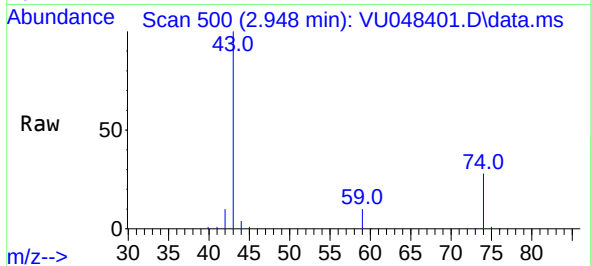




#15
Methyl Acetate
Concen: 41.943 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

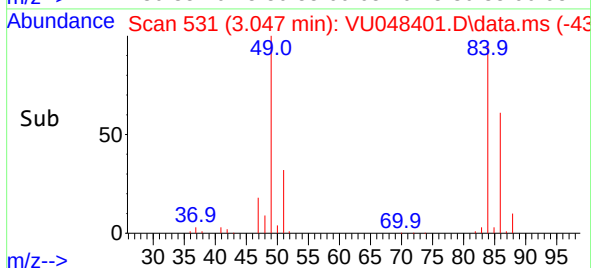
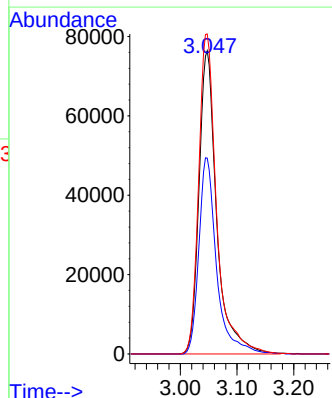
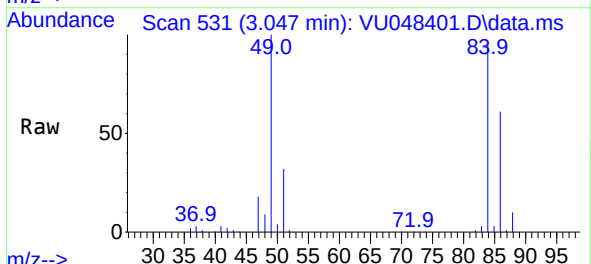
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

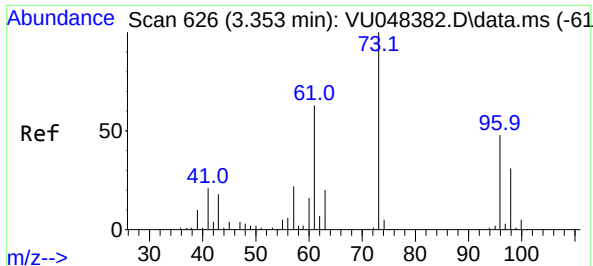
Tgt Ion: 43 Resp: 183681
Ion Ratio Lower Upper
43 100
74 27.6 21.0 31.6



#16
Methylene chloride
Concen: 44.852 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 84 Resp: 166599
Ion Ratio Lower Upper
84 100
86 64.6 45.4 84.2
49 105.5 79.2 147.0

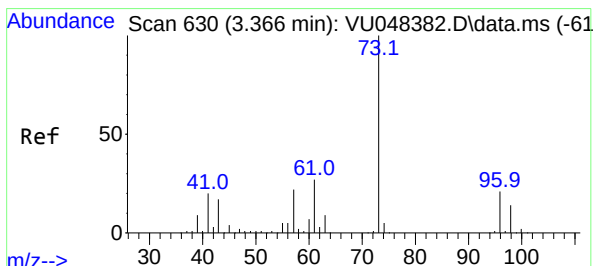
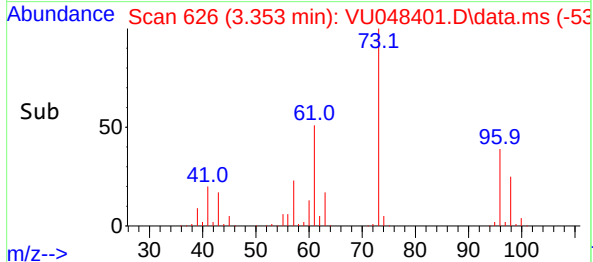
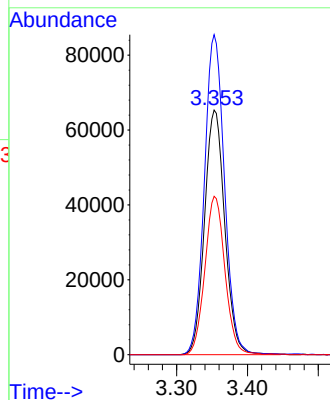
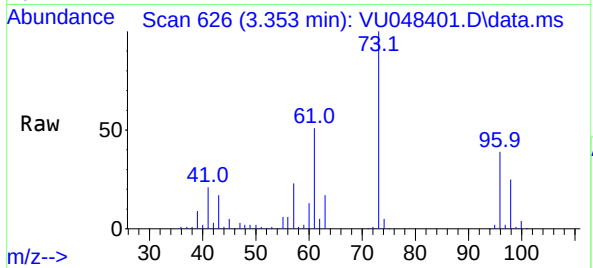




#17
trans-1,2-Dichloroethene
Concen: 43.415 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

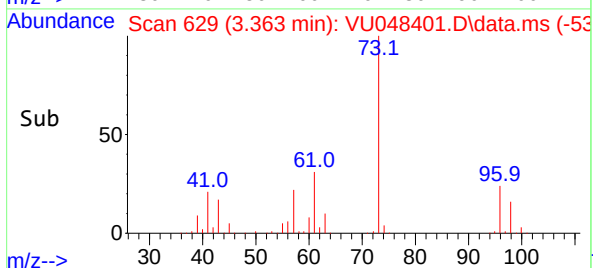
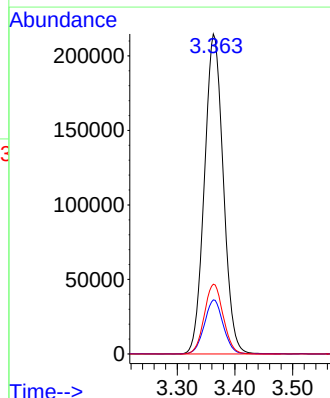
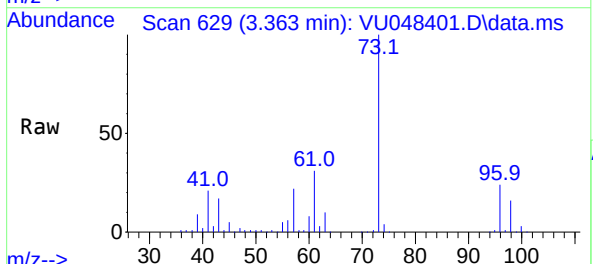
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

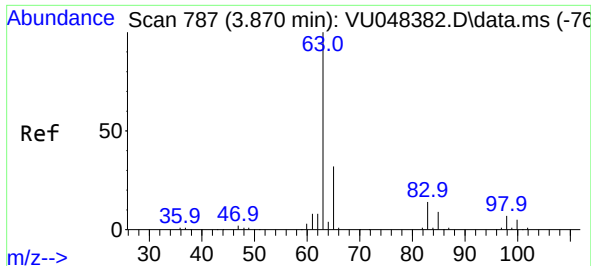
Tgt Ion: 96 Resp: 129942
Ion Ratio Lower Upper
96 100
61 130.8 95.2 176.8
98 64.8 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 49.322 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 73 Resp: 487067
Ion Ratio Lower Upper
73 100
43 16.8 13.8 20.6
57 21.9 17.9 26.9

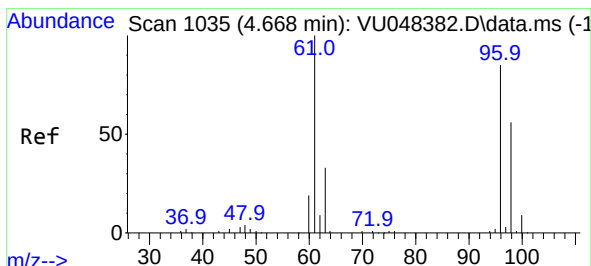
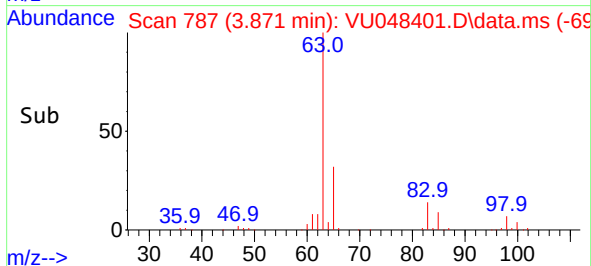
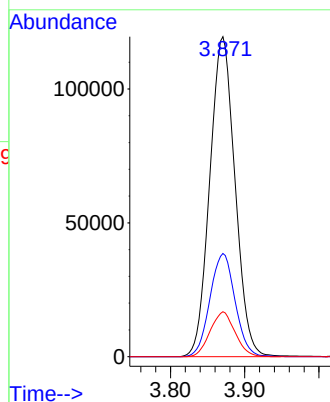
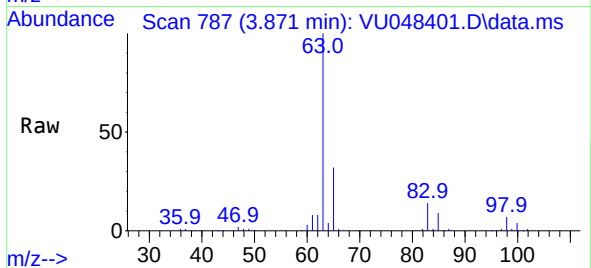




#19
1,1-Dichloroethane
Concen: 45.066 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

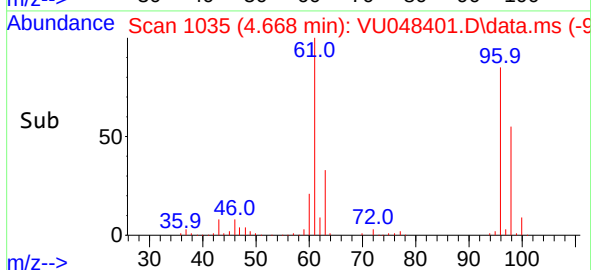
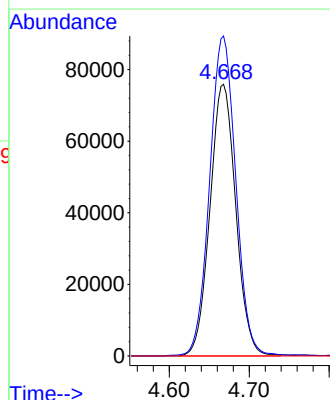
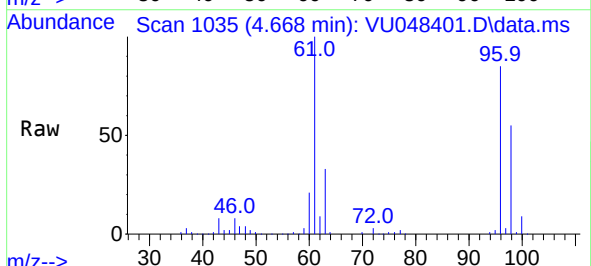
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

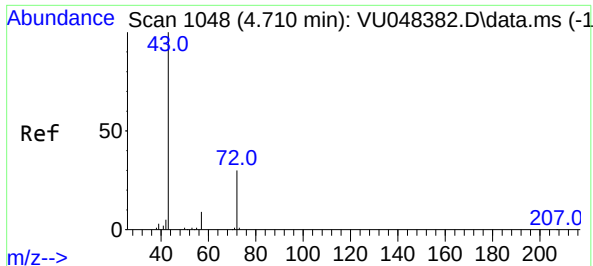
Tgt Ion: 63 Resp: 282058
Ion Ratio Lower Upper
63 100
65 32.3 22.0 40.8
83 14.0 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 47.189 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 96 Resp: 170248
Ion Ratio Lower Upper
96 100
61 117.8 87.0 161.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 90.982 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.010 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

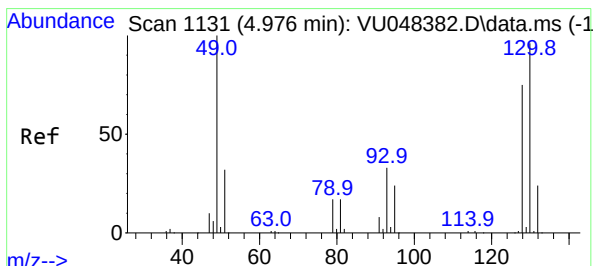
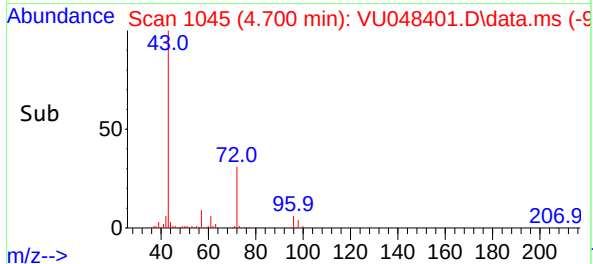
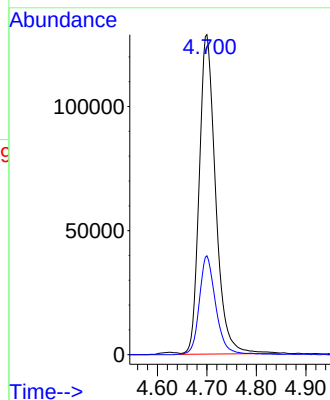
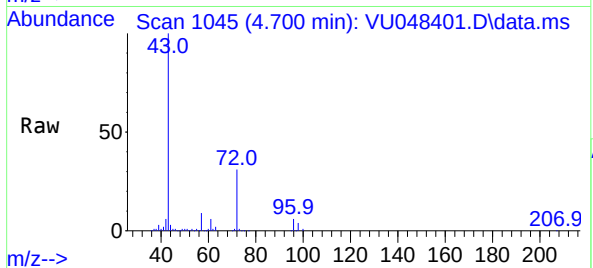
EXL67MS

Tgt Ion: 43 Resp: 296809

Ion Ratio Lower Upper

43 100

72 30.8 14.6 43.8



#23

Bromochloromethane

Concen: 47.110 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Tgt Ion:128 Resp: 94891

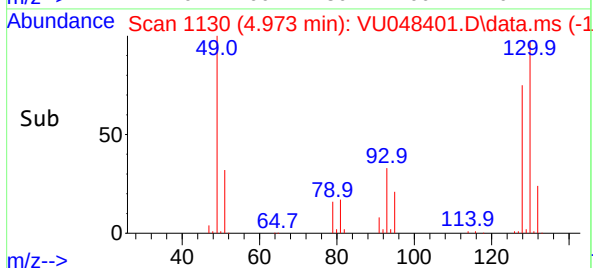
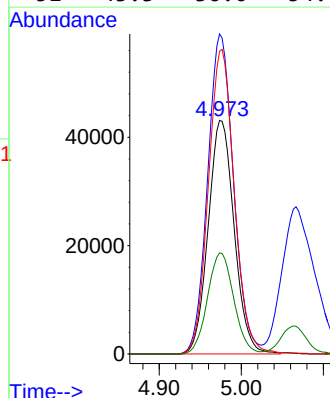
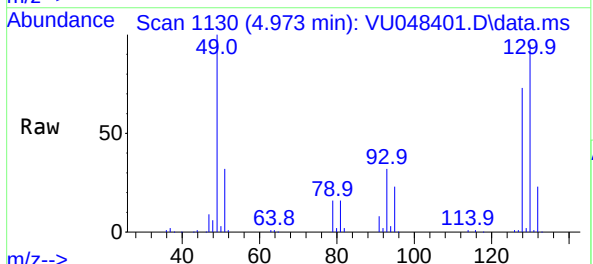
Ion Ratio Lower Upper

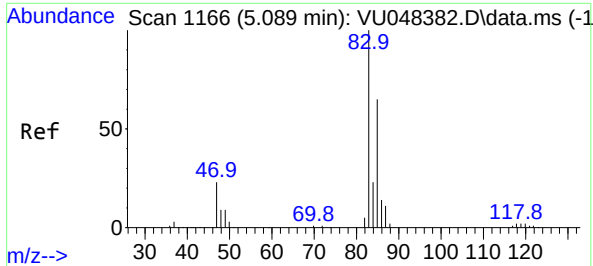
128 100

49 137.0 101.3 188.1

130 129.6 89.0 165.2

51 43.3 36.0 54.0





#25

Chloroform

Concen: 50.764 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

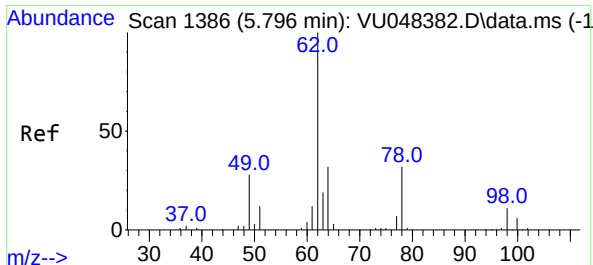
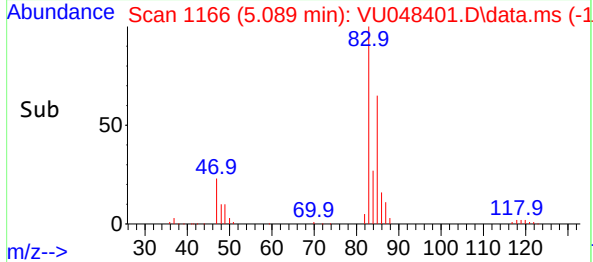
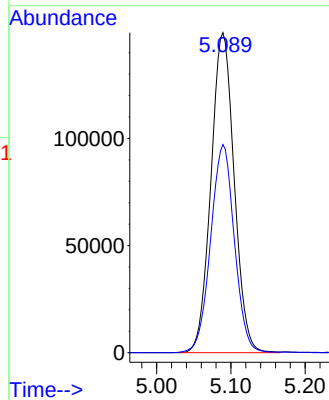
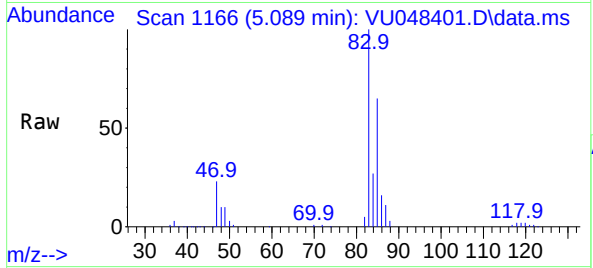
EXL67MS

Tgt Ion: 83 Resp: 324443

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 46.198 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048401.D

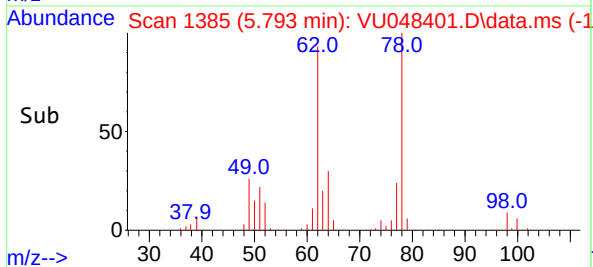
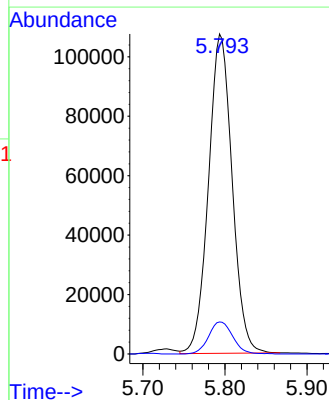
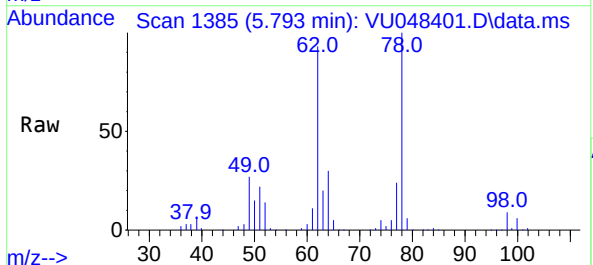
Acq: 03 May 2022 19:29

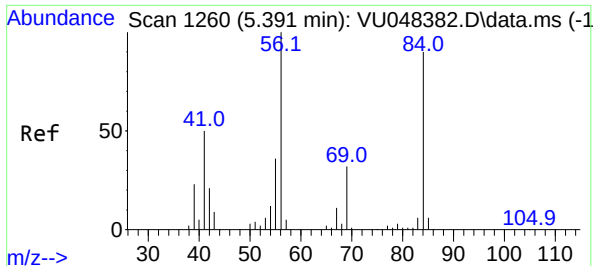
Tgt Ion: 62 Resp: 215364

Ion Ratio Lower Upper

62 100

98 10.0 8.5 12.7





#29

Cyclohexane

Concen: 43.995 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

EXL67MS

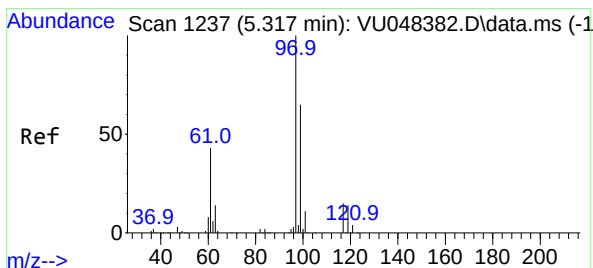
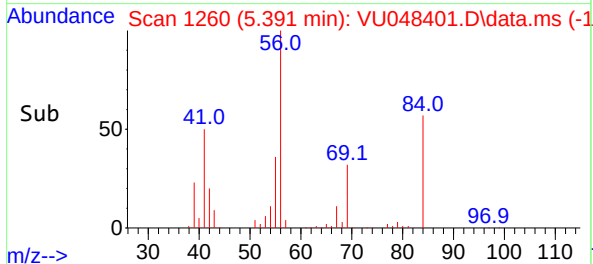
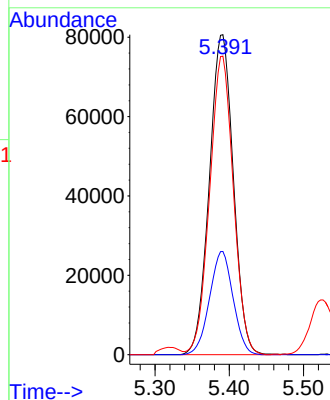
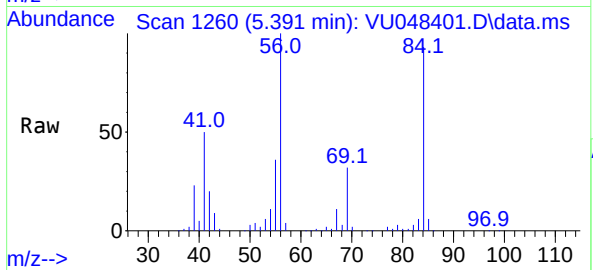
Tgt Ion: 56 Resp: 180894

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.4

84 92.4 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 49.598 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

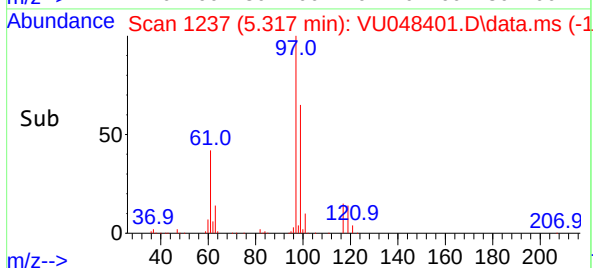
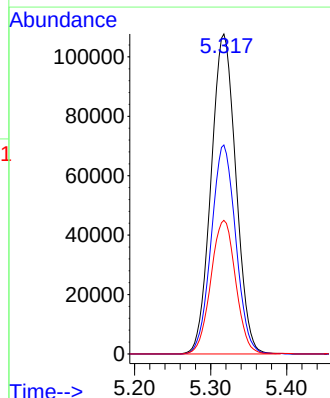
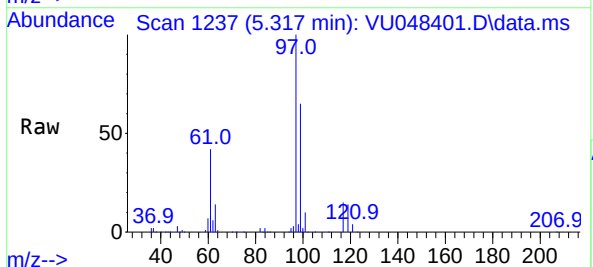
Tgt Ion: 97 Resp: 244080

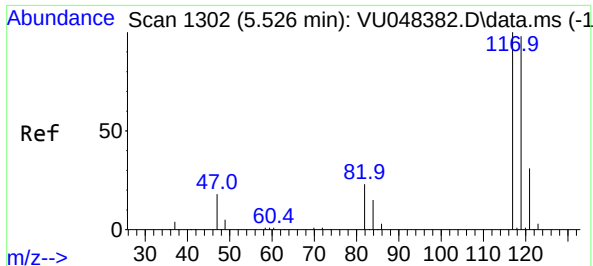
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 41.8 33.9 50.9

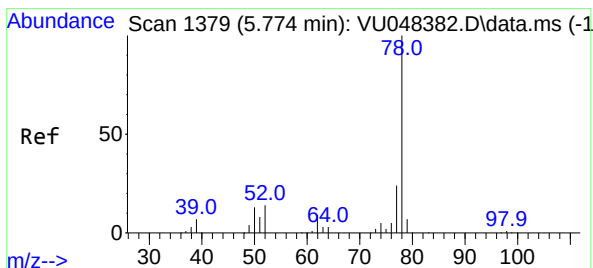
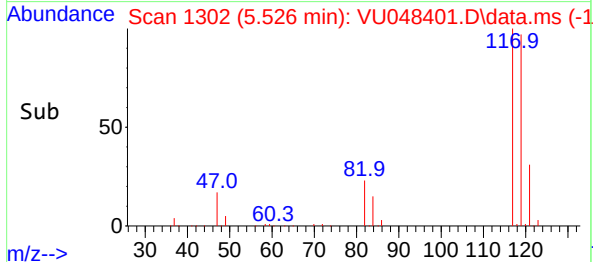
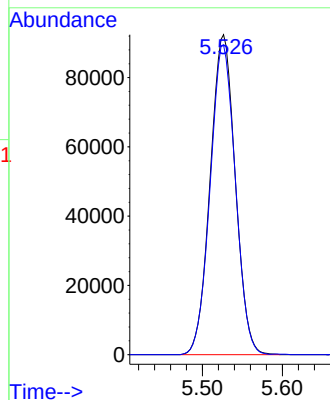
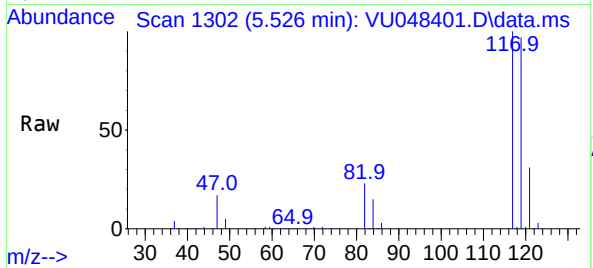




#31
Carbon tetrachloride
Concen: 47.900 ug/L
RT: 5.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

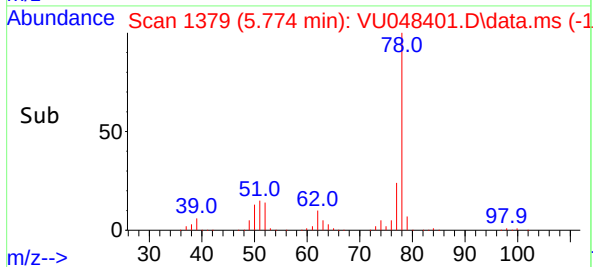
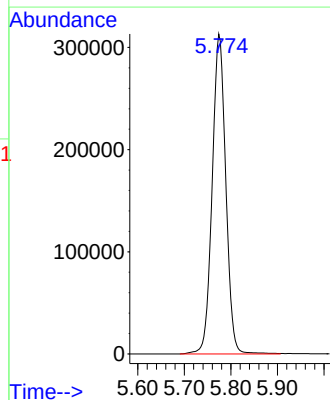
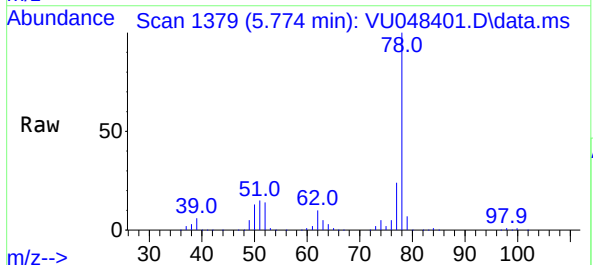
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

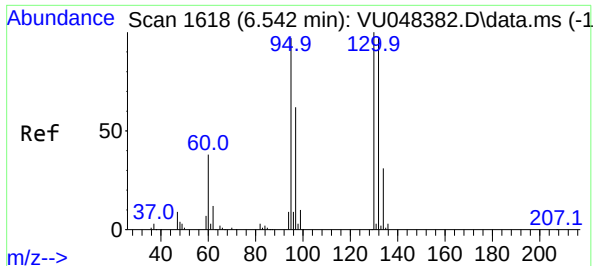
Tgt Ion:117 Resp: 200911
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7



#33
Benzene
Concen: 49.378 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 78 Resp: 636205





#34

Trichloroethene

Concen: 47.802 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

EXL67MS

Tgt Ion: 95 Resp: 150964

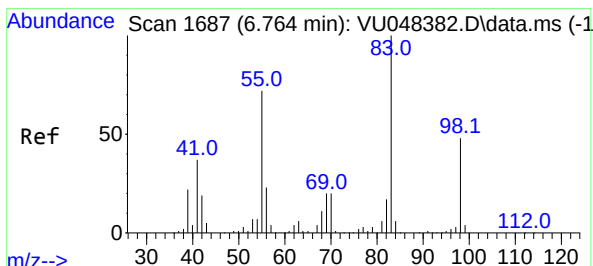
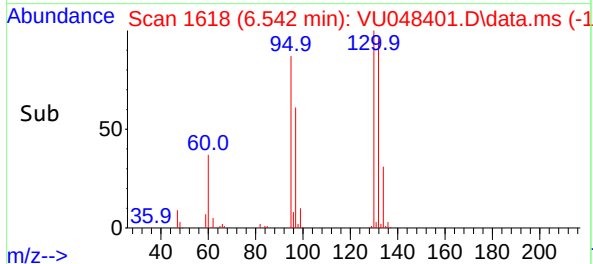
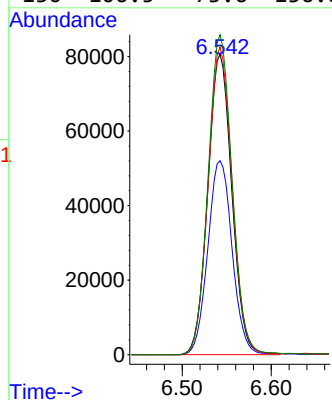
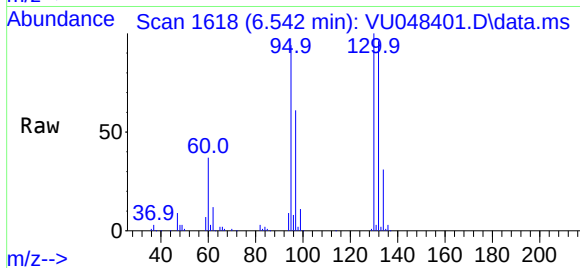
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 102.4 71.6 133.0

130 106.5 73.6 136.8



#35

Methylcyclohexane

Concen: 44.689 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

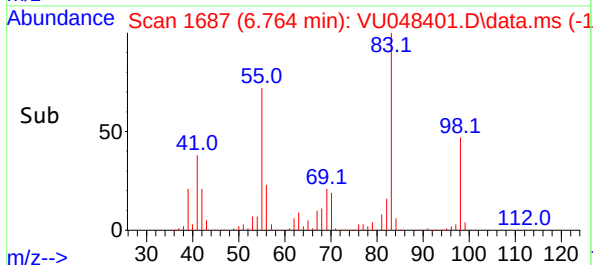
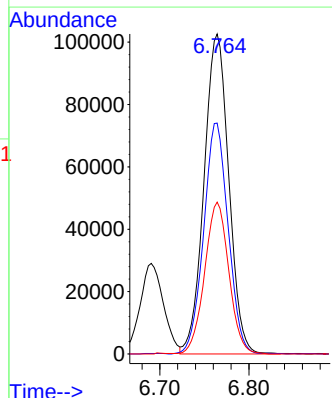
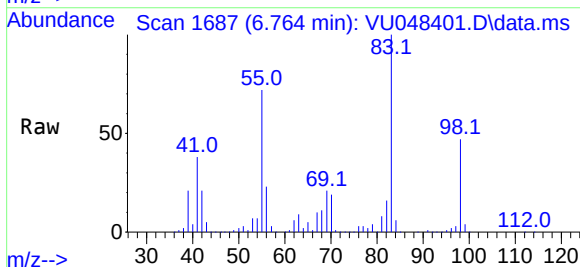
Tgt Ion: 83 Resp: 198147

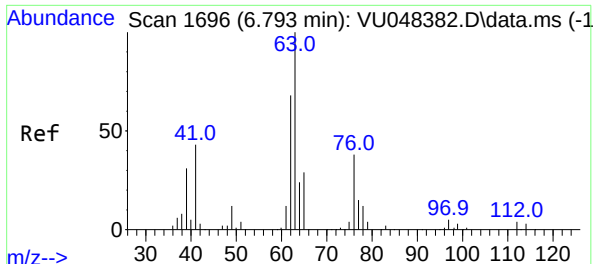
Ion Ratio Lower Upper

83 100

55 71.4 59.4 89.2

98 46.4 37.3 55.9

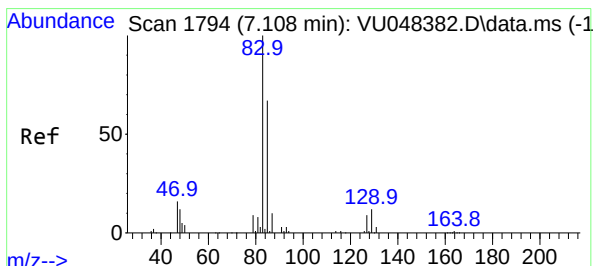
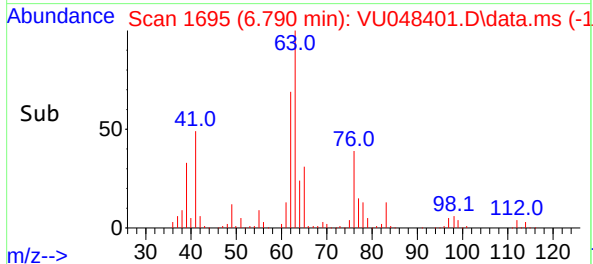
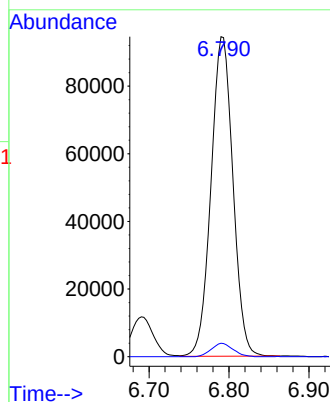
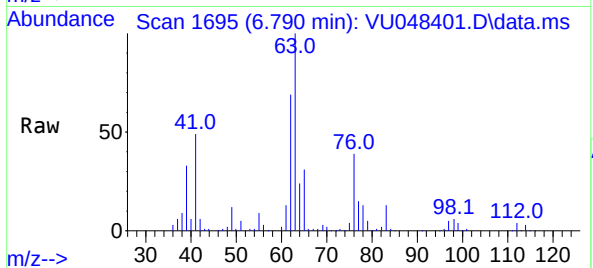




#37
1,2-Dichloropropane
Concen: 49.103 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

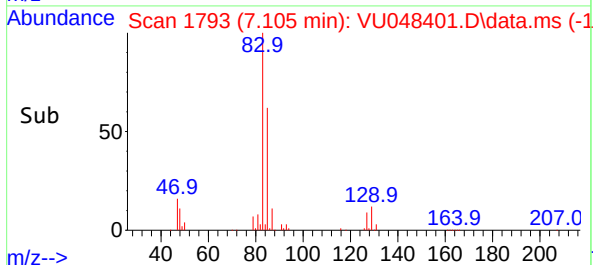
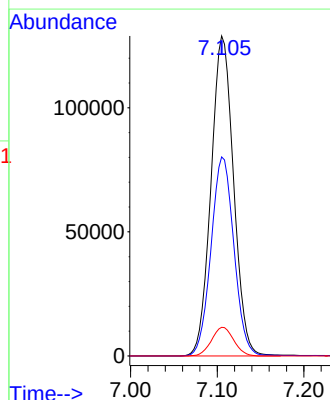
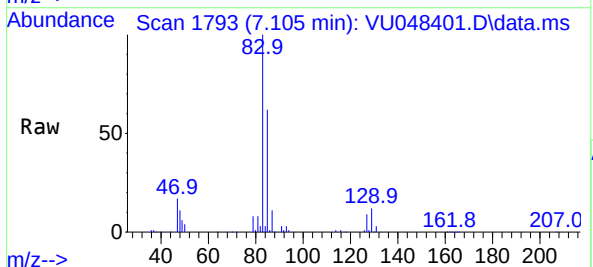
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

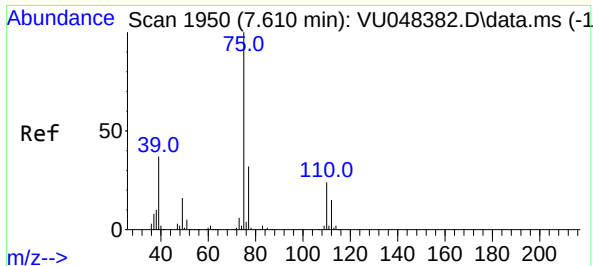
Tgt Ion: 63 Resp: 180004
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 50.401 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 83 Resp: 233329
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1
127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.121 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

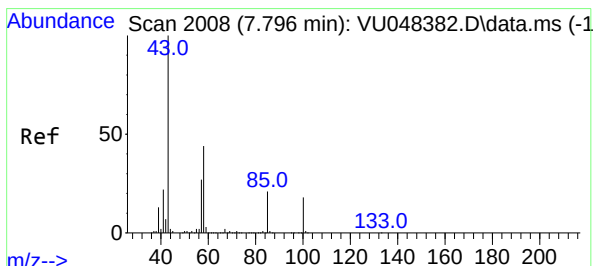
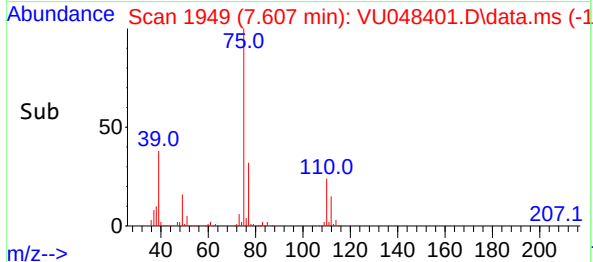
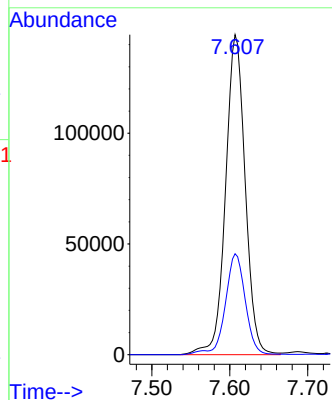
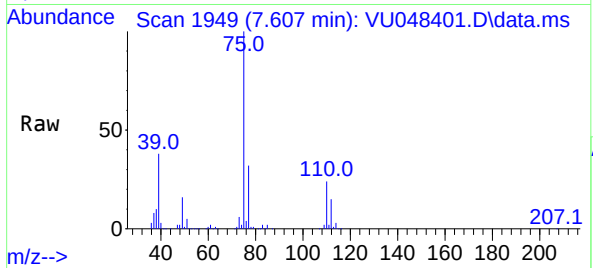
EXL67MS

Tgt Ion: 75 Resp: 253207

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 99.089 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

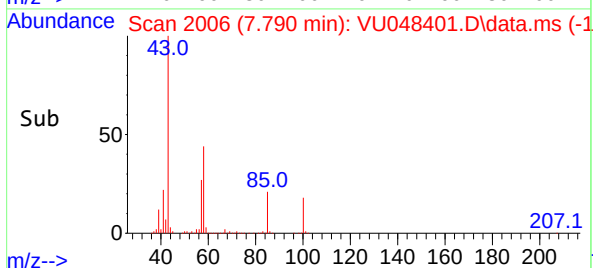
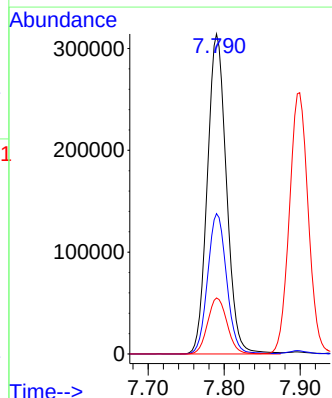
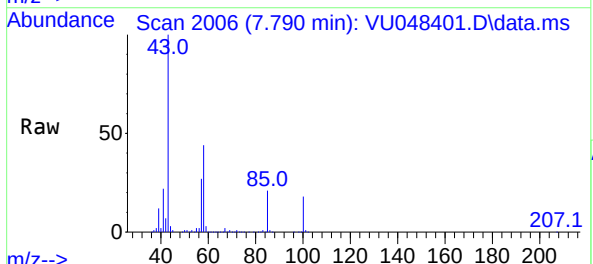
Tgt Ion: 43 Resp: 547868

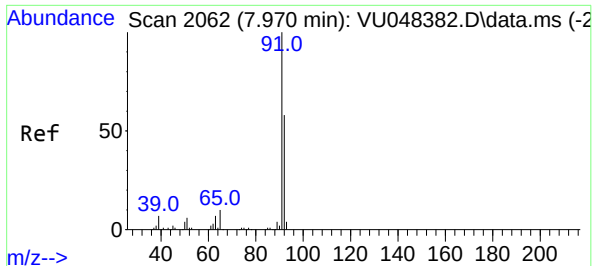
Ion Ratio Lower Upper

43 100

58 43.7 34.4 51.6

100 17.8 13.6 20.4

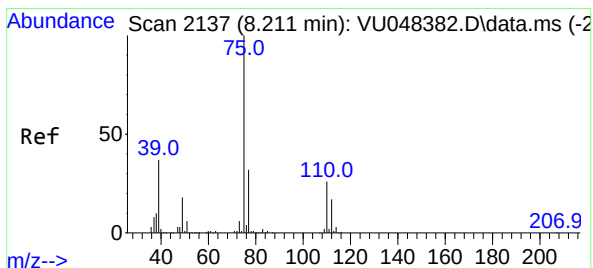
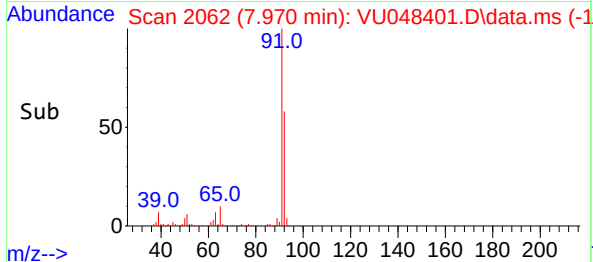
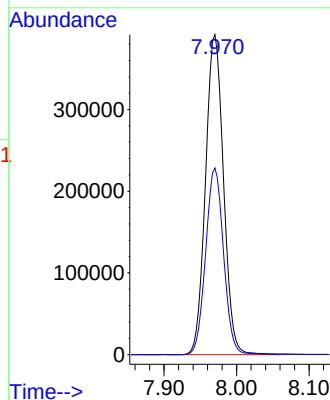
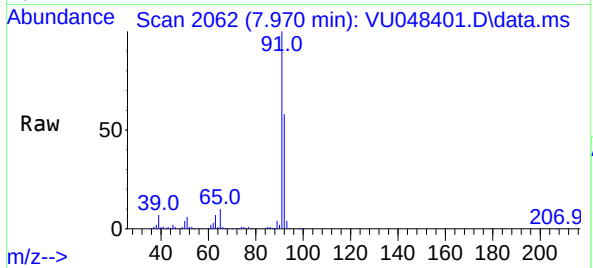




#42
Toluene
Concen: 50.021 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

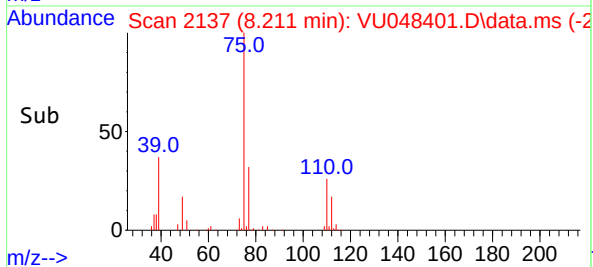
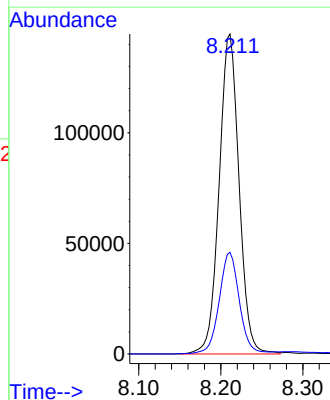
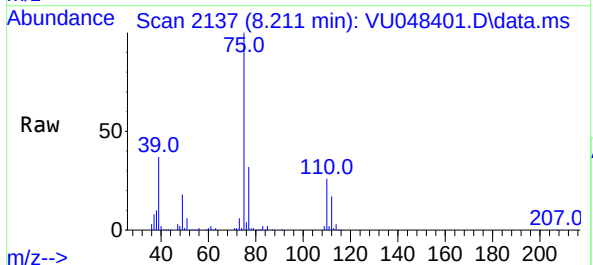
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

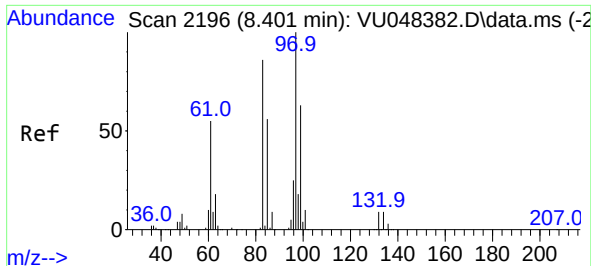
Tgt Ion: 91 Resp: 676659
Ion Ratio Lower Upper
91 100
92 58.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 48.530 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 75 Resp: 244388
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1



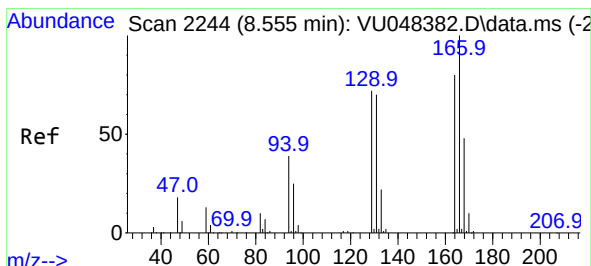
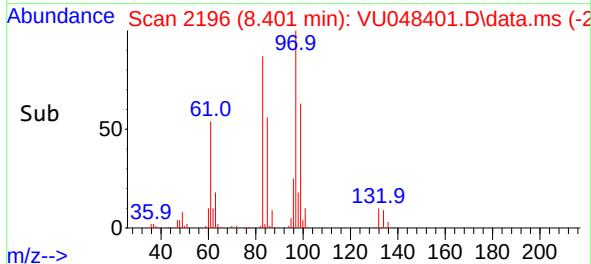
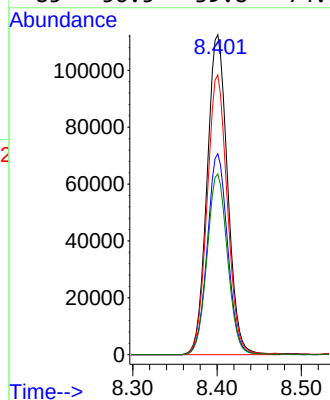
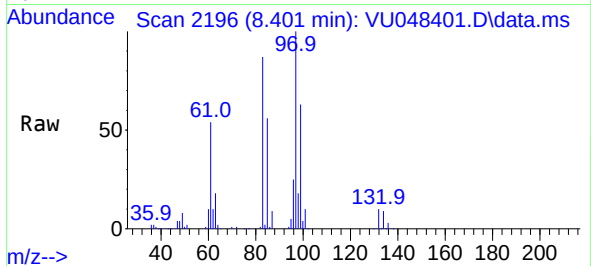


#45
1,1,2-Trichloroethane
Concen: 49.588 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

Tgt Ion: 97 Resp: 190721

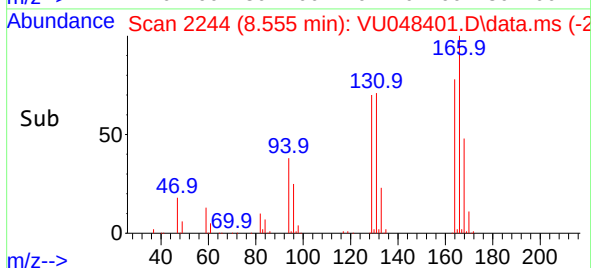
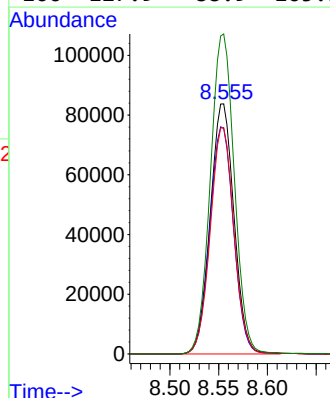
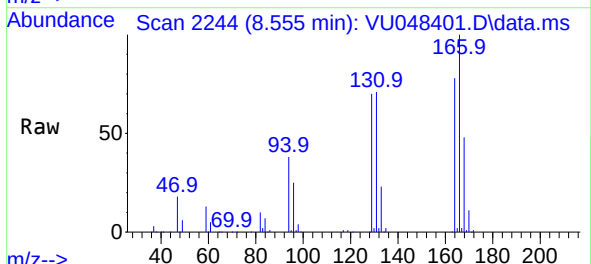
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	87.4	62.6	116.2
85	56.5	39.8	74.0

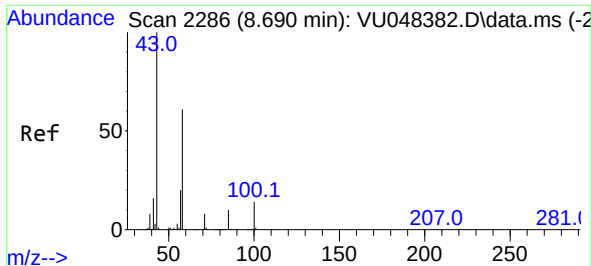


#46
Tetrachloroethene
Concen: 52.595 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 164 Resp: 142554

Ion	Ratio	Lower	Upper
164	100		
129	90.1	63.3	117.7
131	90.5	61.2	113.6
166	127.9	88.9	165.1

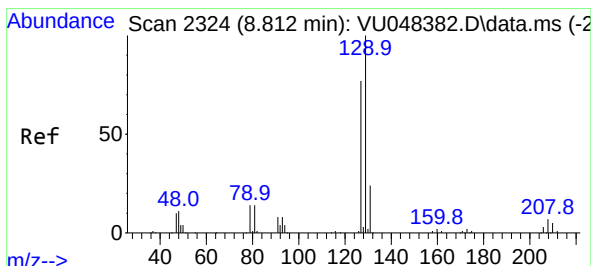
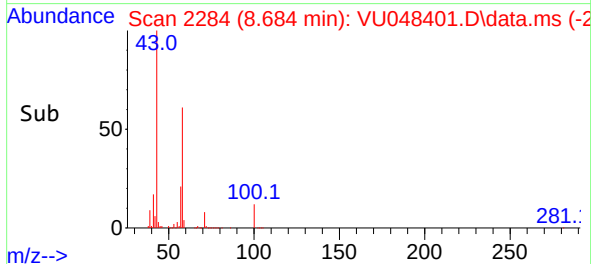
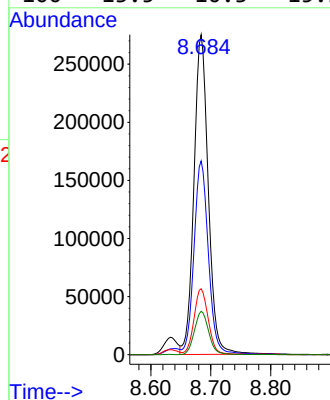
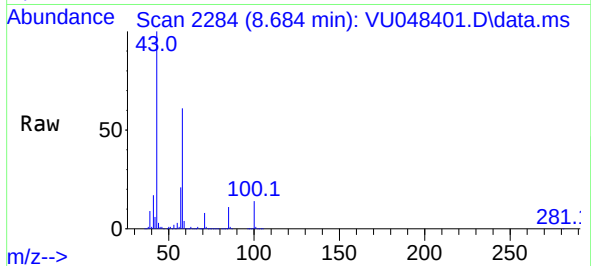




#48
2-Hexanone
Concen: 99.570 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

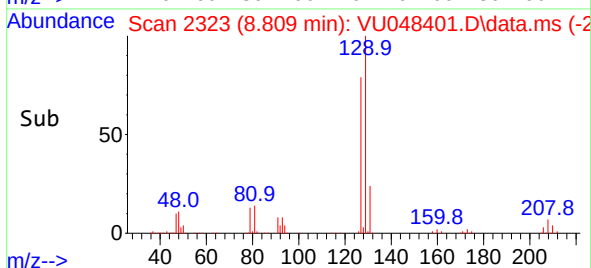
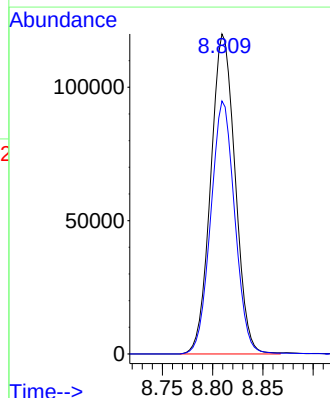
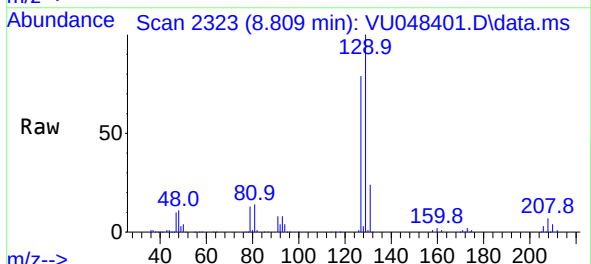
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

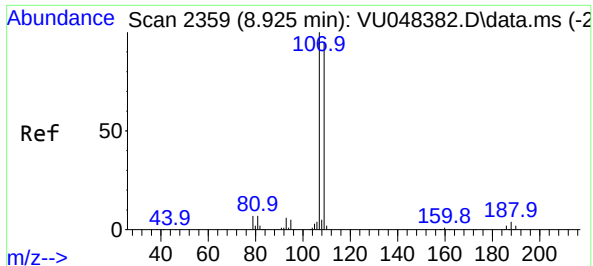
Tgt Ion: 43 Resp: 459729
Ion Ratio Lower Upper
43 100
58 60.7 48.1 72.1
57 20.1 16.2 24.4
100 13.5 10.3 15.5



#49
Dibromochloromethane
Concen: 47.949 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 129 Resp: 202650
Ion Ratio Lower Upper
129 100
127 79.0 53.8 99.8

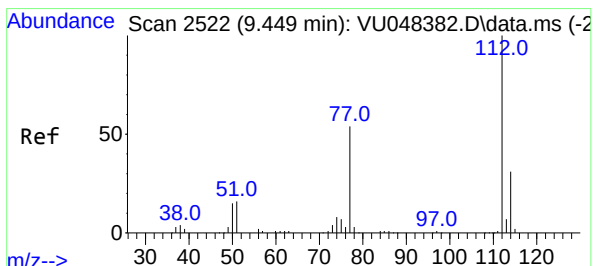
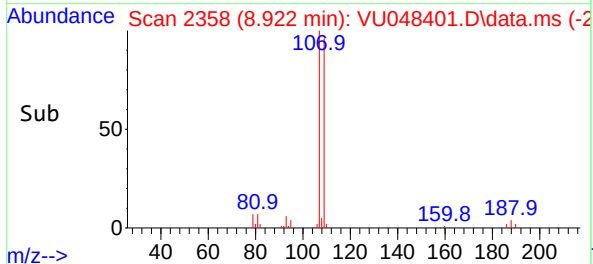
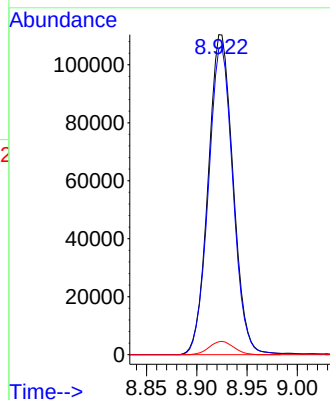
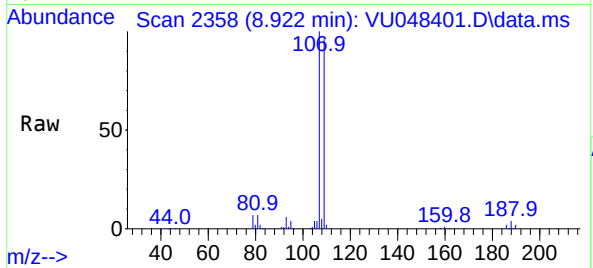




#50
1,2-Dibromoethane
Concen: 48.834 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

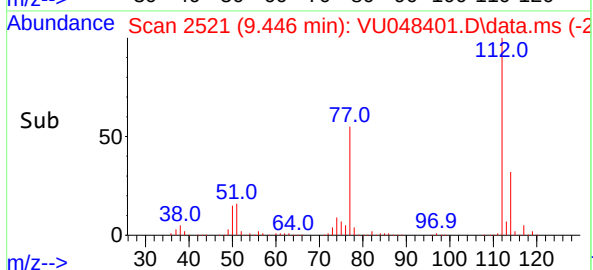
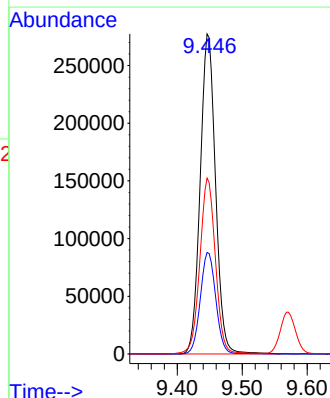
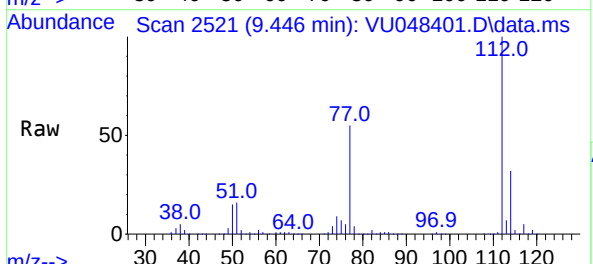
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

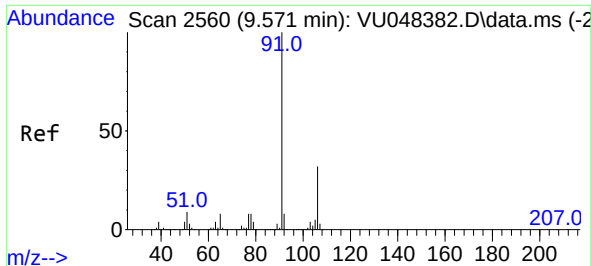
Tgt Ion:107 Resp: 190466
Ion Ratio Lower Upper
107 100
109 95.6 65.0 120.8
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 46.857 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:112 Resp: 456886
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 55.0 44.3 66.5

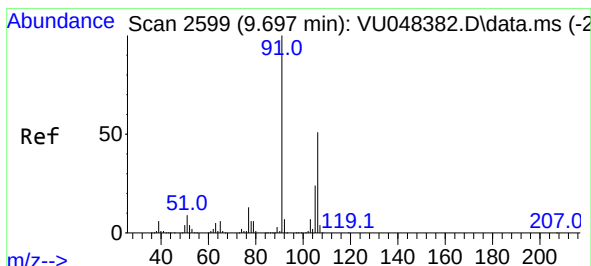
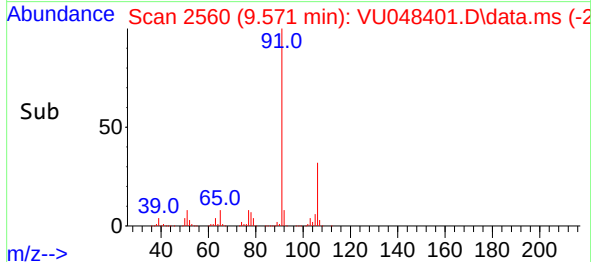
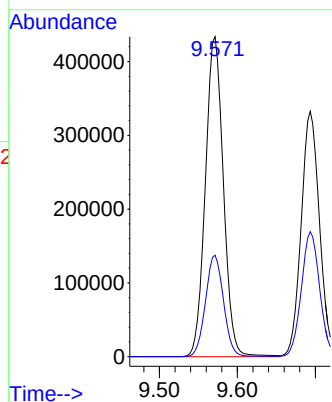
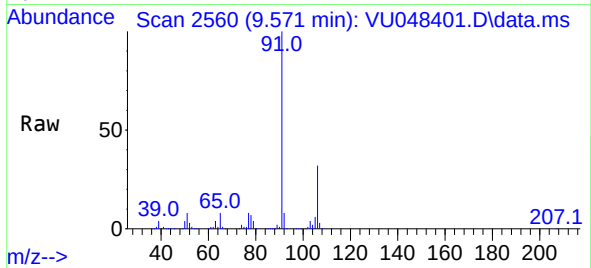




#52
Ethylbenzene
Concen: 49.797 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

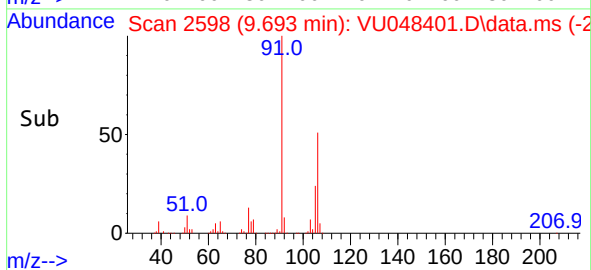
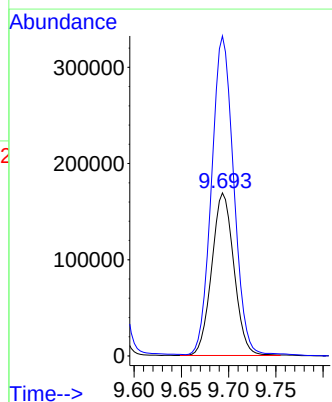
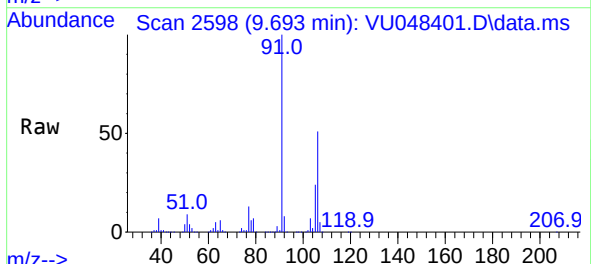
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

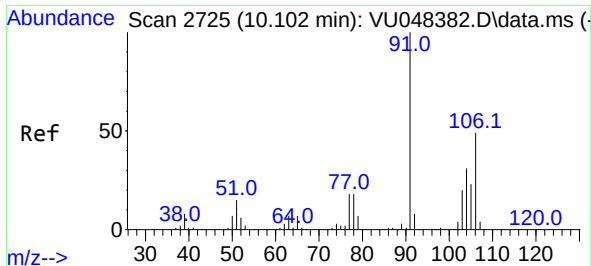
Tgt Ion: 91 Resp: 697624
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9



#53
m,p-Xylene
Concen: 49.871 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 106 Resp: 275706
Ion Ratio Lower Upper
106 100
91 196.3 137.4 255.2

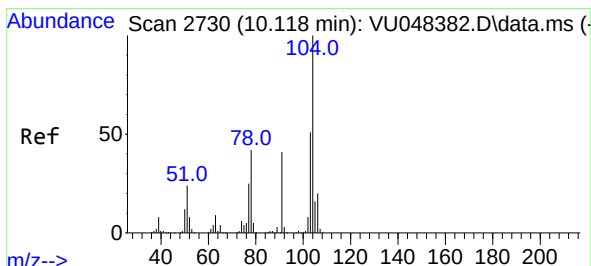
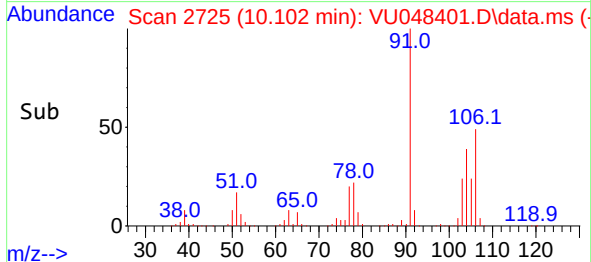
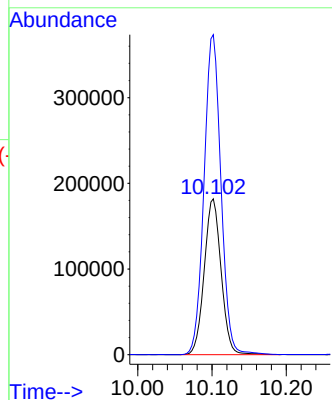
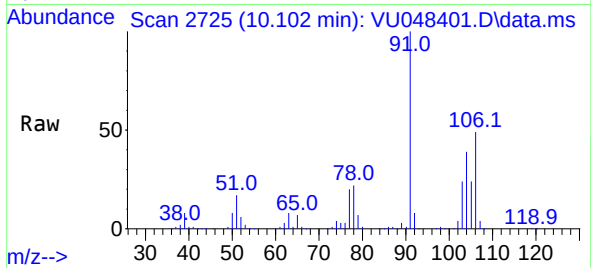




#54
o-Xylene
Concen: 51.486 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

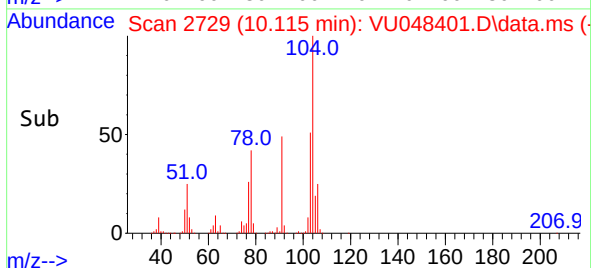
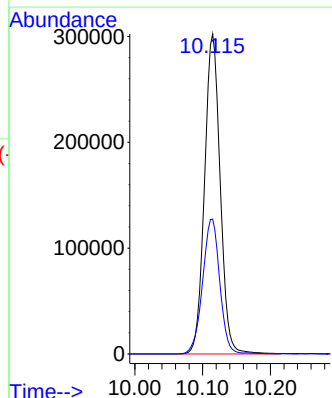
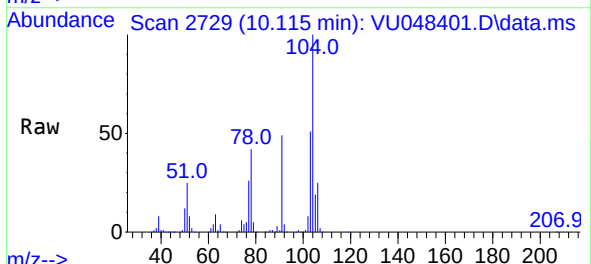
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

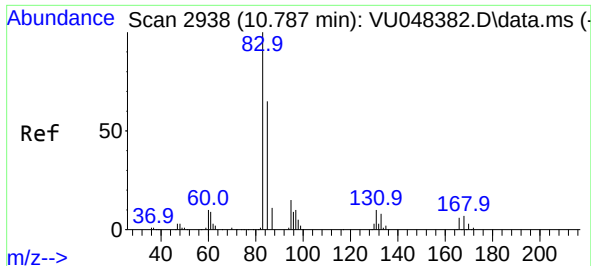
Tgt Ion:106 Resp: 286745
Ion Ratio Lower Upper
106 100
91 205.3 145.3 269.8



#55
Styrene
Concen: 51.183 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:104 Resp: 485616
Ion Ratio Lower Upper
104 100
78 42.1 30.3 56.3

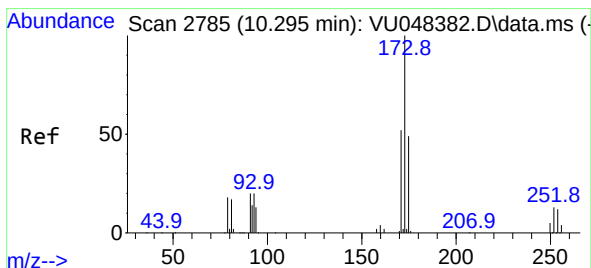
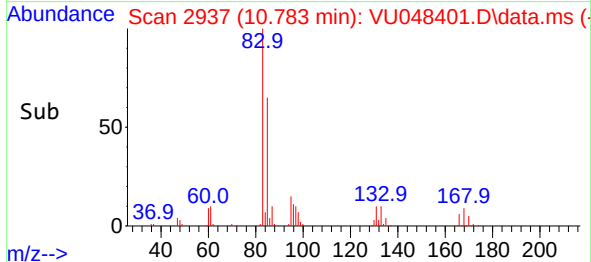
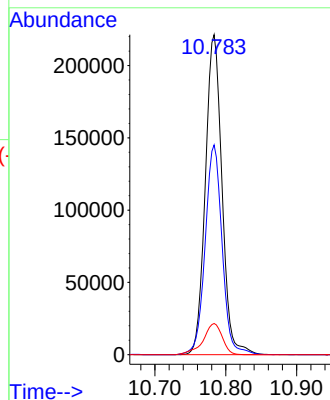
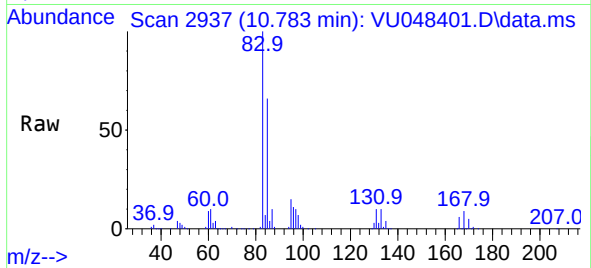




#57
1,1,2,2-Tetrachloroethane
Concen: 47.528 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

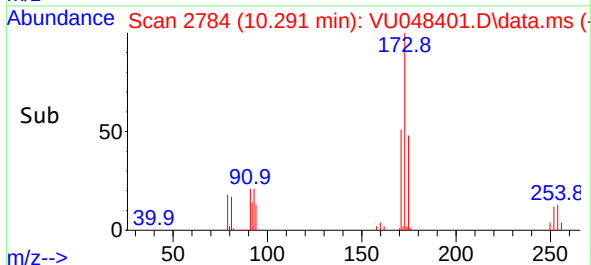
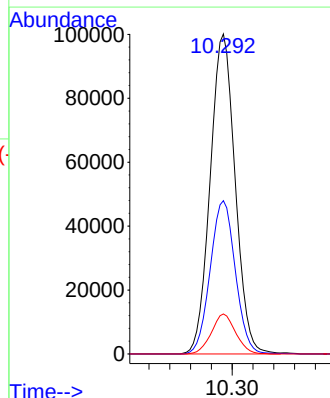
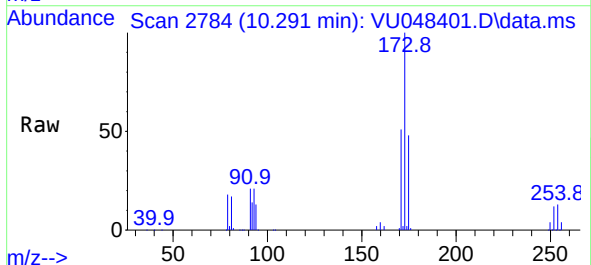
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

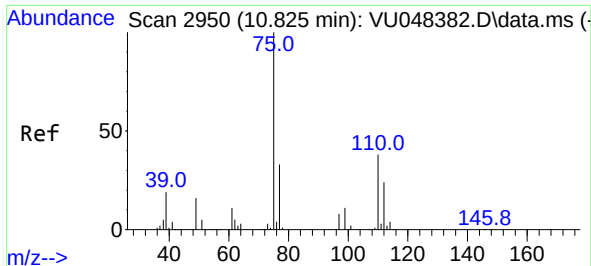
Tgt Ion: 83 Resp: 360774
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7
131 9.7 7.8 11.6



#59
Bromoform
Concen: 48.146 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 173 Resp: 166940
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 12.2 9.5 14.3

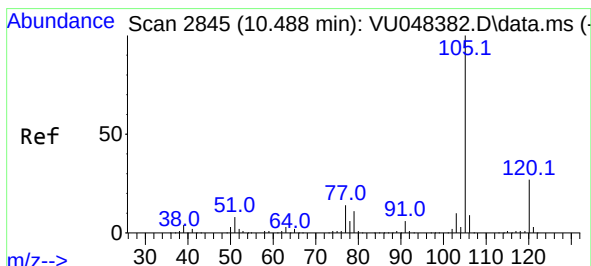
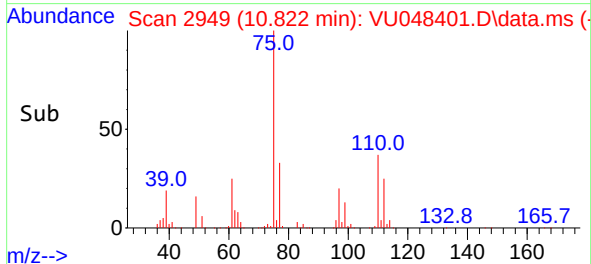
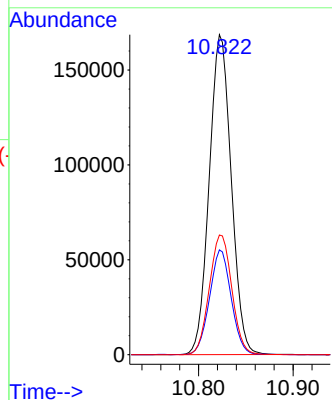
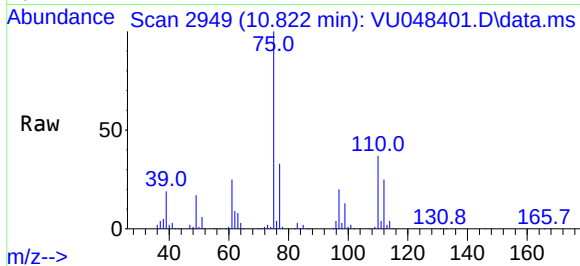




#60
1,2,3-Trichloropropane
Concen: 48.901 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

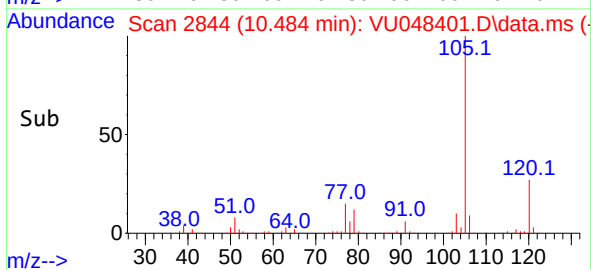
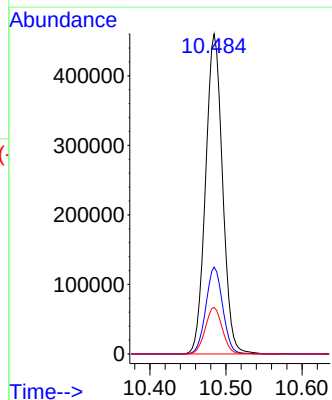
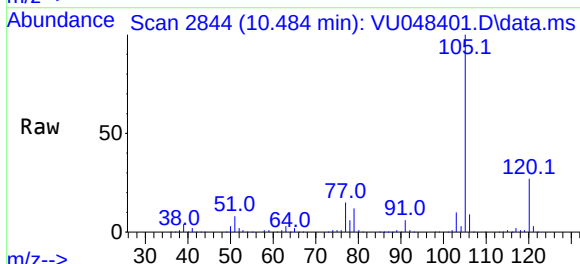
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

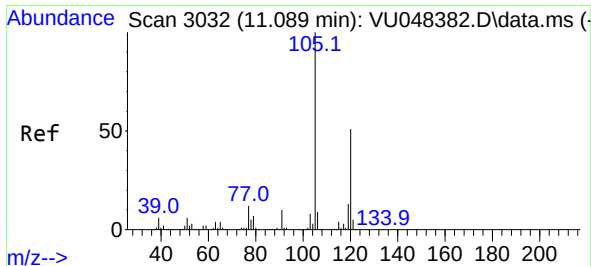
Tgt Ion: 75 Resp: 272553
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 38.3 29.9 44.9



#61
Isopropylbenzene
Concen: 53.359 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion: 105 Resp: 712800
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5
77 14.7 11.7 17.5

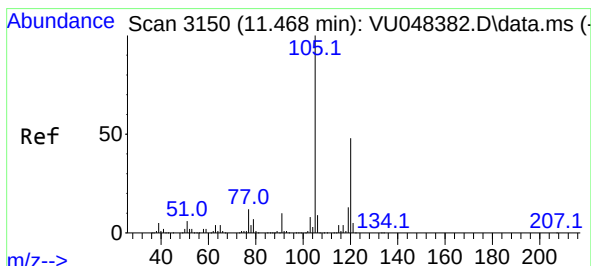
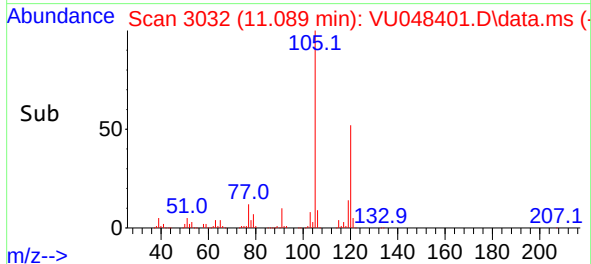
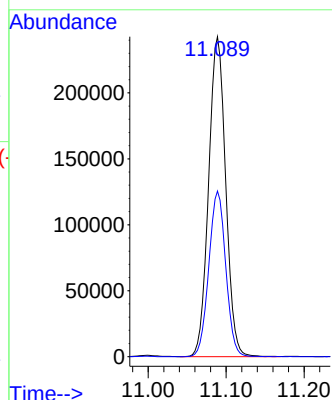
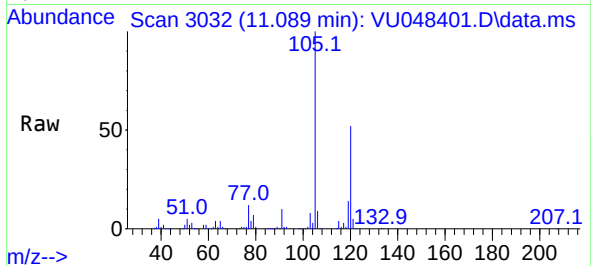




#62
1,3,5-Trimethylbenzene
Concen: 52.385 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

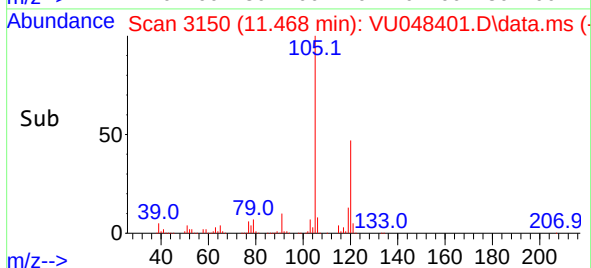
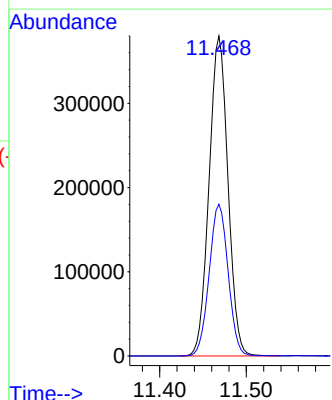
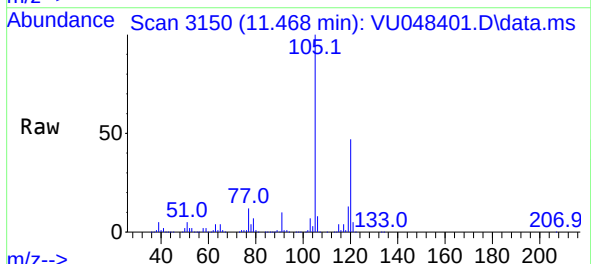
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

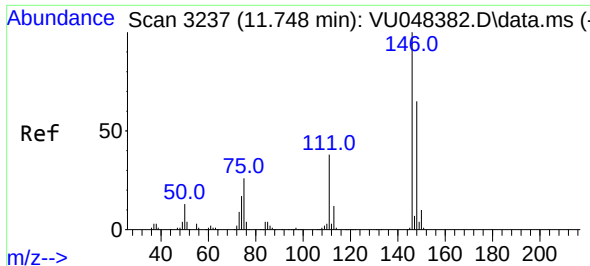
Tgt Ion:105 Resp: 368836
Ion Ratio Lower Upper
105 100
120 51.3 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 53.156 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:105 Resp: 575415
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0

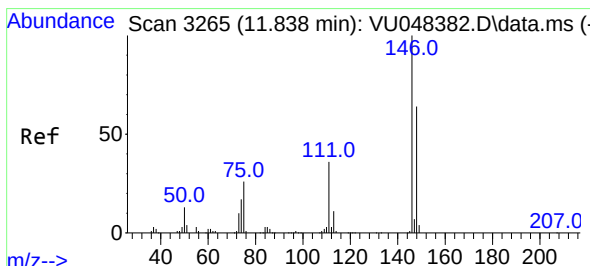
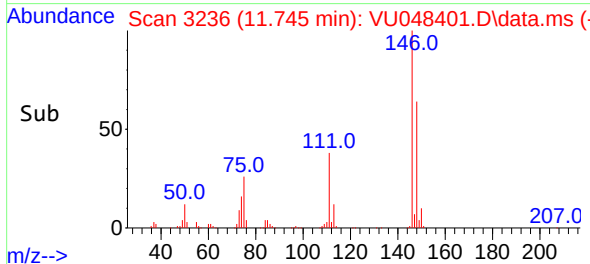
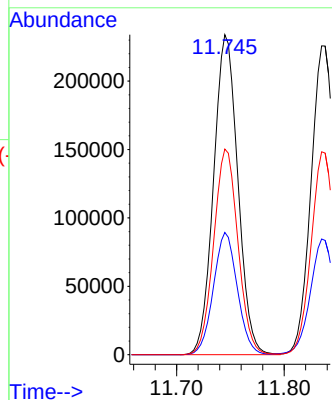
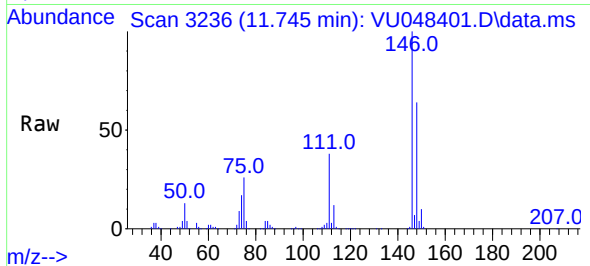




#64
1,3-Dichlorobenzene
Concen: 48.937 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

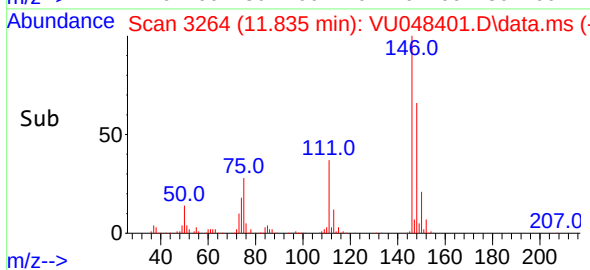
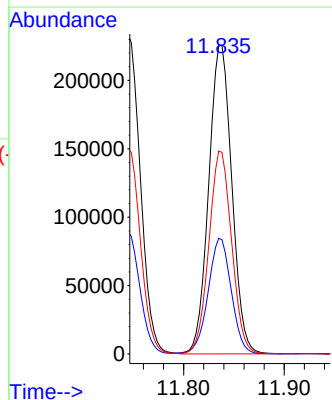
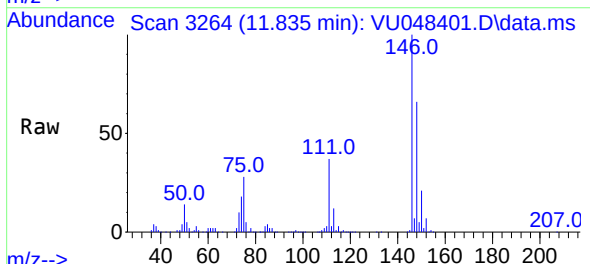
Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

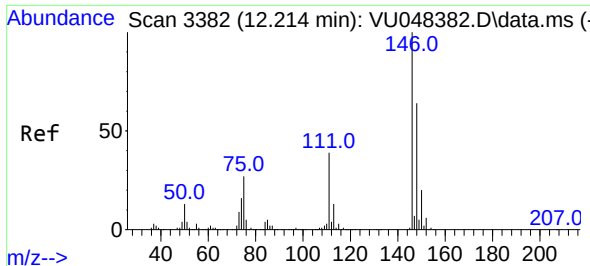
Tgt Ion:146 Resp: 366504
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 47.193 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:146 Resp: 360833
Ion Ratio Lower Upper
146 100
111 37.5 25.9 48.1
148 65.7 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.069 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

EXL67MS

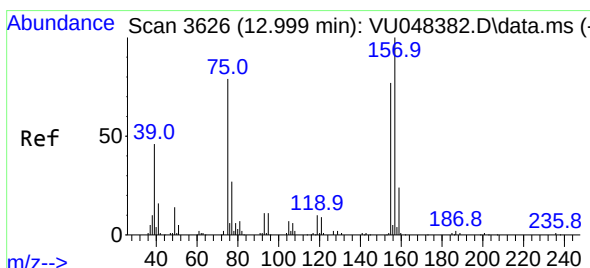
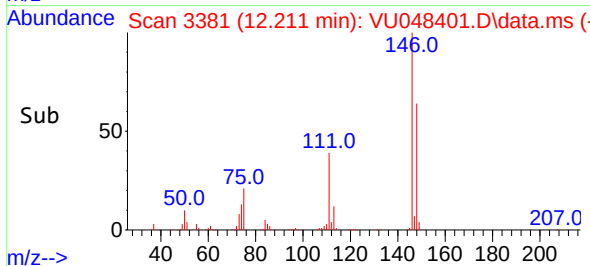
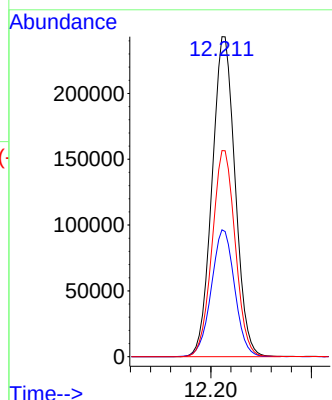
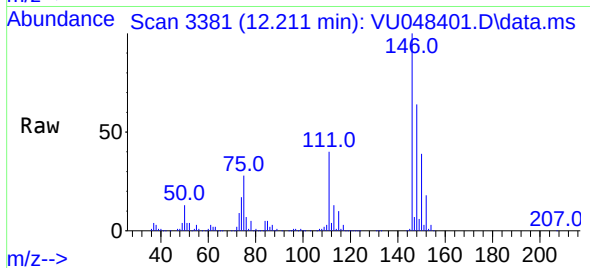
Tgt Ion:146 Resp: 387134

Ion Ratio Lower Upper

146 100

111 39.7 31.7 47.5

148 64.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.161 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU048401.D

Acq: 03 May 2022 19:29

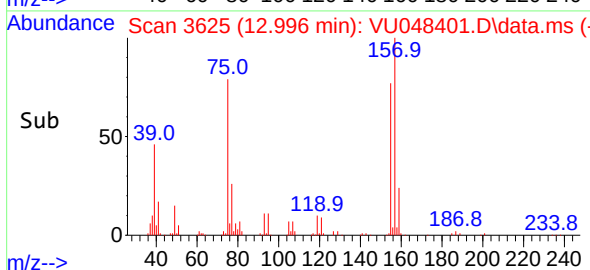
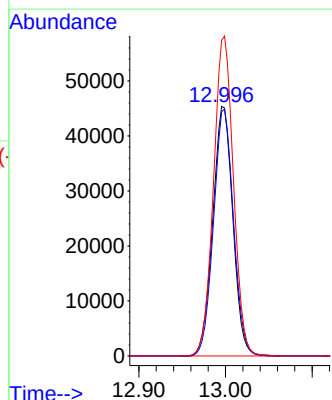
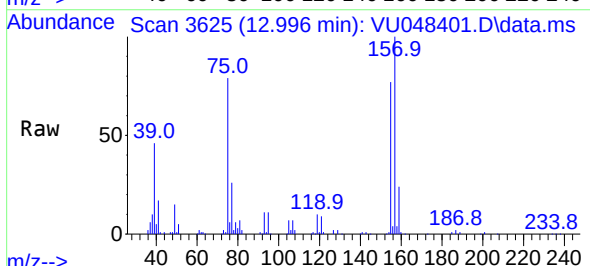
Tgt Ion: 75 Resp: 73147

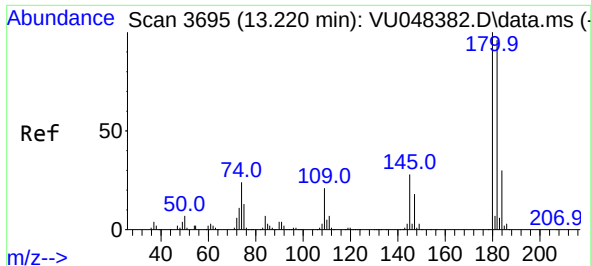
Ion Ratio Lower Upper

75 100

155 97.8 71.8 107.6

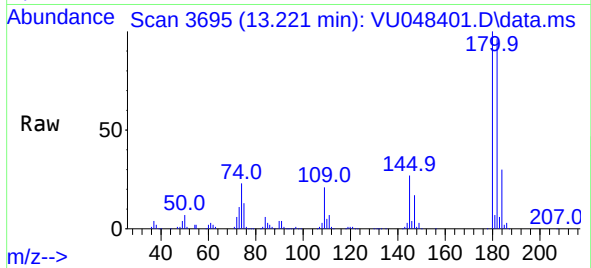
157 126.5 93.4 140.2



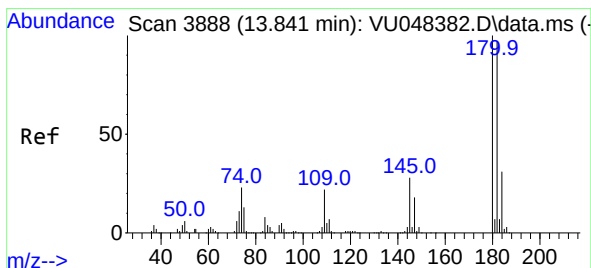
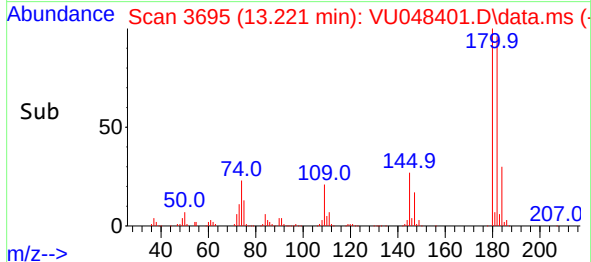
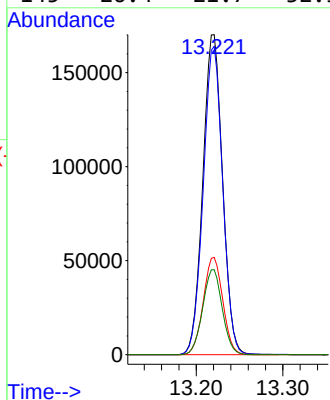


#69
 1,3,5-Trichlorobenzene
 Concen: 48.299 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048401.D
 Acq: 03 May 2022 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL67MS

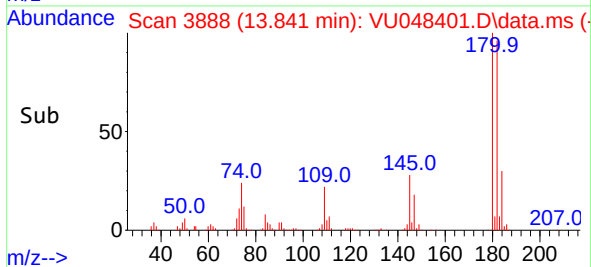
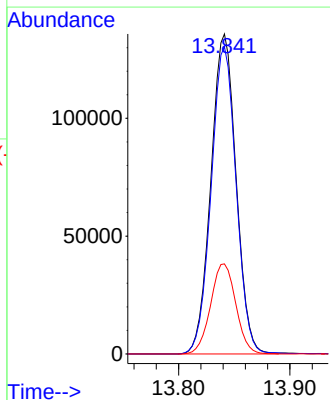
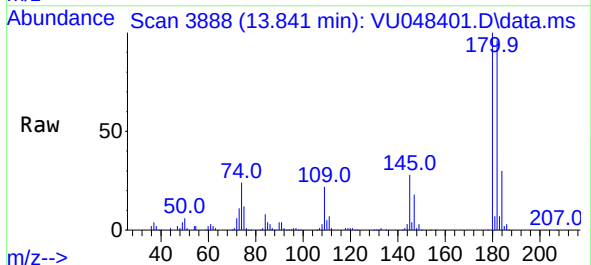


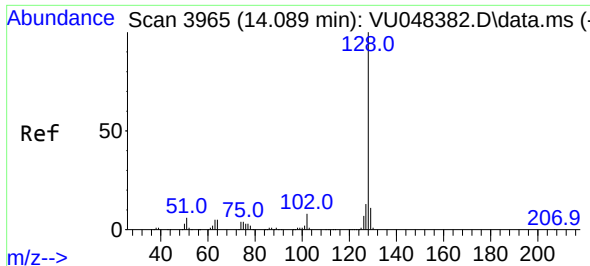
Tgt Ion:180 Resp: 268791
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.4
 184 30.1 24.6 37.0
 145 26.4 21.7 32.5



#70
 1,2,4-trichlorobenzene
 Concen: 48.494 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048401.D
 Acq: 03 May 2022 19:29

Tgt Ion:180 Resp: 213209
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.3 114.5
 145 28.2 22.6 33.8



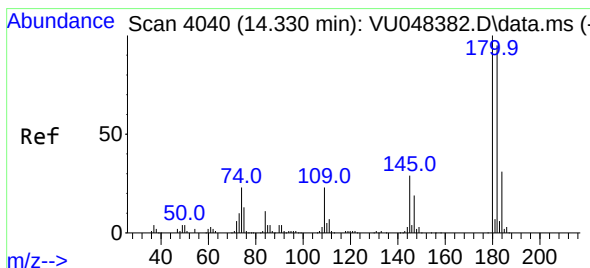
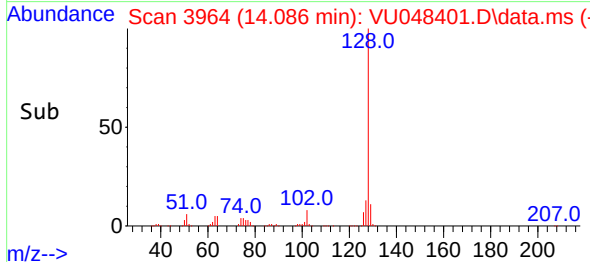
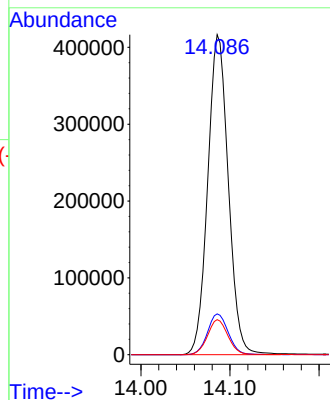
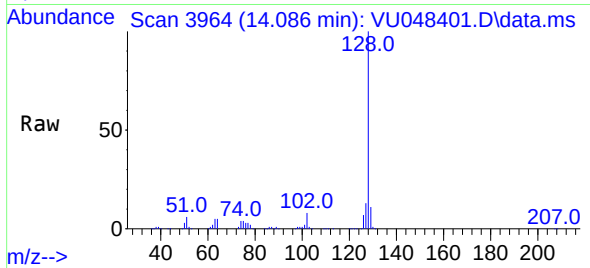


#71
Naphthalene
Concen: 52.974 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
EXL67MS

Tgt Ion:128 Resp: 666531

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.836 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048401.D
Acq: 03 May 2022 19:29

Tgt Ion:180 Resp: 229054

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	29.8	23.5	35.3

