

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042722\
 Data File : U048325.D
 Acq On : 27 Apr 2022 19:21
 Operator : SY/MD
 Sample : N2587-04MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MS

Quant Time: Apr 28 04:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	417595	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	269205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	166511	43.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.720%
7) Chloroethane-d5	1.887	69	129383	48.000	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	63	275079	44.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
21) 2-Butanone-d5	4.620	46	332807	101.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.610%
24) Chloroform-d	5.063	84	319744	45.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
26) 1,2-Dichloroethane-d4	5.700	65	194468	47.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
32) Benzene-d6	5.729	84	668093	48.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	6.690	67	213625	46.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	7.899	98	638192	50.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.340%
43) trans-1,3-Dichloroprop...	8.179	79	104491	51.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
47) 2-Hexanone-d5	8.636	63	315618	127.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	394754	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	297141	49.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	124088	39.325	ug/L	98
3) Chloromethane	1.520	50	134189	37.154	ug/L	100
5) Vinyl chloride	1.604	62	206404	56.712	ug/L	# 48
6) Bromomethane	1.829	94	35253	21.076	ug/L	98
8) Chloroethane	1.912	64	100860	49.011	ug/L	94
9) Trichlorofluoromethane	2.128	101	213261	44.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	137363	43.666	ug/L	99
12) 1,1-Dichloroethene	2.575	96	125190	45.591	ug/L	96
13) Acetone	2.626	43	217445	103.415	ug/L	99
14) Carbon disulfide	2.790	76	326544	48.793	ug/L	100
15) Methyl Acetate	2.944	43	195467	46.831	ug/L	98
16) Methylene chloride	3.044	84	163233	46.109	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	135231	47.406	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	489494	52.008	ug/L	99
19) 1,1-Dichloroethane	3.867	63	284400	47.677	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	175823	51.133	ug/L	94
22) 2-Butanone	4.700	43	363184	116.808	ug/L	97
23) Bromochloromethane	4.973	128	92200	48.028	ug/L	97
25) Chloroform	5.089	83	296941	48.748	ug/L	99

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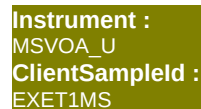
Quant Time: Apr 28 04:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

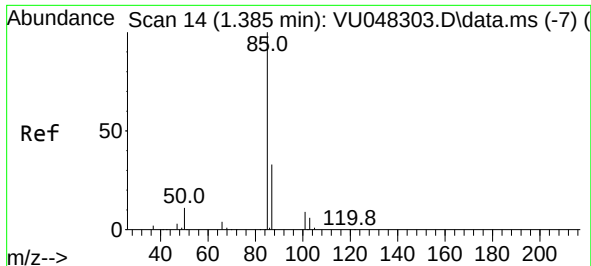
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	348901	78.527	ug/L #	93
29) Cyclohexane	5.388	56	212941	51.152	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	238814	47.931	ug/L	100
31) Carbon tetrachloride	5.523	117	200901	47.308	ug/L	100
33) Benzene	5.774	78	15313947	1173.935	ug/L	100
34) Trichloroethene	6.542	95	170757	53.404	ug/L	100
35) Methylcyclohexane	6.761	83	242102	53.931	ug/L	96
37) 1,2-Dichloropropane	6.790	63	175991	47.418	ug/L	99
38) Bromodichloromethane	7.105	83	225462	48.102	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	264540	50.688	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	687102	122.742	ug/L	98
42) Toluene	7.970	91	2793187	203.944	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	258963	50.792	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	187805	48.229	ug/L	98
46) Tetrachloroethene	8.552	164	128784	46.930	ug/L	99
48) 2-Hexanone	8.687	43	550609	117.787	ug/L	97
49) Dibromochloromethane	8.812	129	211117	49.338	ug/L	99
50) 1,2-Dibromoethane	8.925	107	196241	49.695	ug/L	95
51) Chlorobenzene	9.449	112	14273892	1445.888	ug/L	93
52) Ethylbenzene	9.571	91	859291	60.582	ug/L	100
53) m,p-Xylene	9.693	106	373116	66.661	ug/L	100
54) o-Xylene	10.102	106	361627	64.133	ug/L	100
55) Styrene	10.115	104	541736	56.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	390146	50.765	ug/L	99
59) Bromoform	10.291	173	190173	48.676	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	301677	48.036	ug/L	99
61) Isopropylbenzene	10.484	105	811165	53.891	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	468587	59.065	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	744244	61.018	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	425519	50.424	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	438842	50.939	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	480275	54.026	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	104077	62.079	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	324414	51.735	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	289169	58.372	ug/L	99
71) Naphthalene	14.086	128	1016981	71.734	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	286148	56.362	ug/L	98

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

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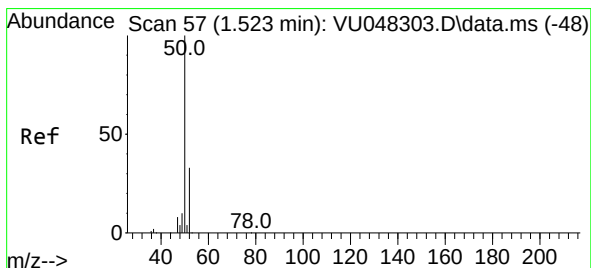
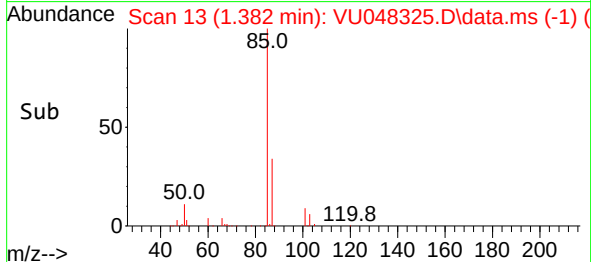
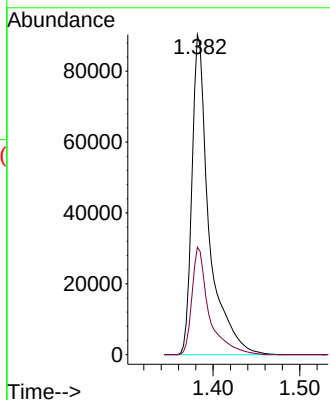
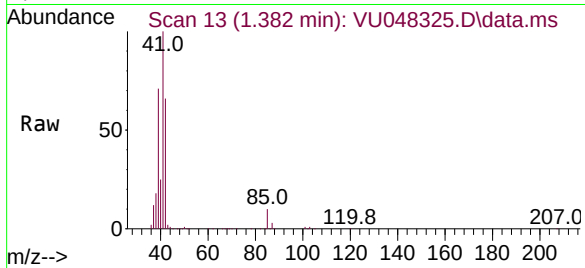




#2
Dichlorodifluoromethane
Concen: 39.325 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

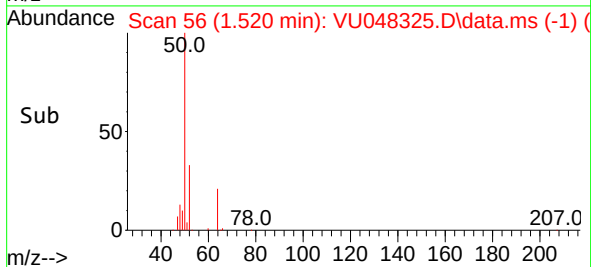
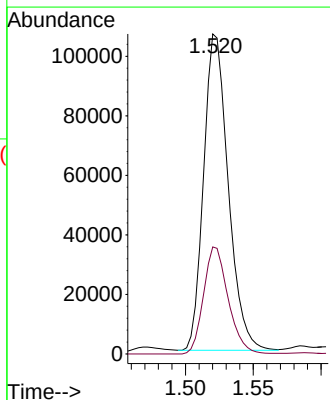
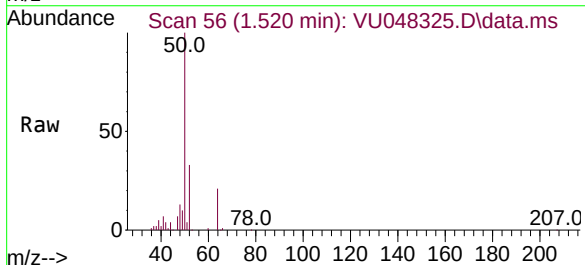
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MSVOA_U
ClientSampleId :
EXET1MS

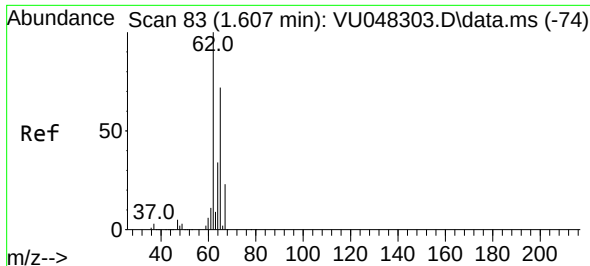
Tgt Ion: 85 Resp: 124088
Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1



#3
Chloromethane
Concen: 37.154 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 50 Resp: 134189
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

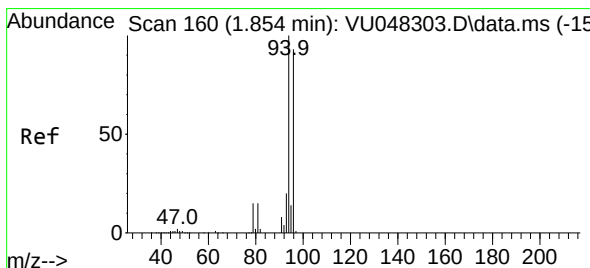
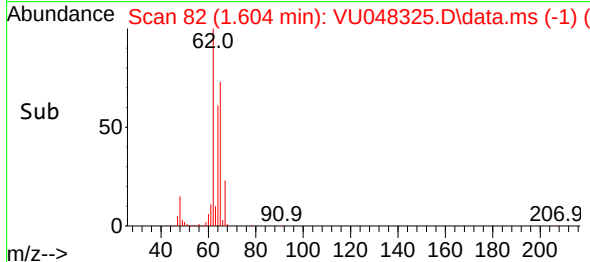
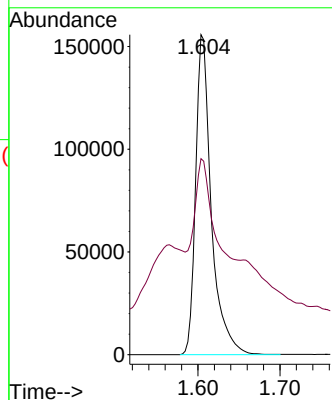
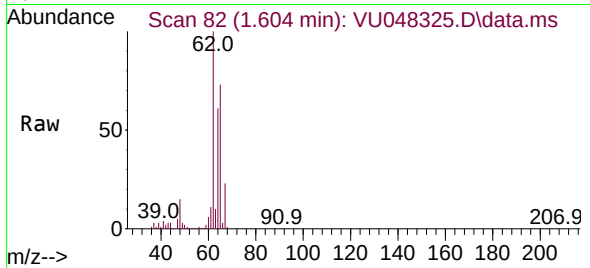




#5
 Vinyl chloride
 Concen: 56.712 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

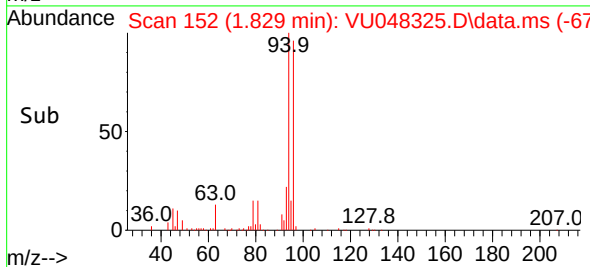
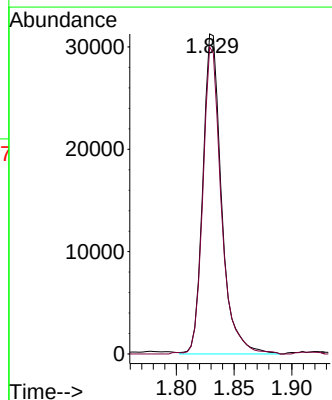
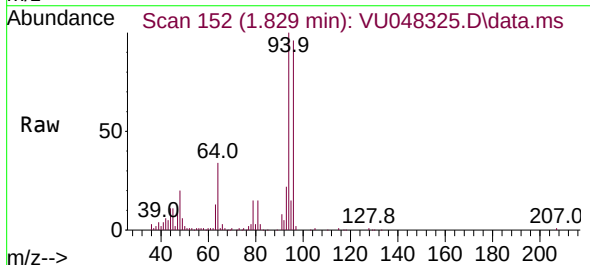
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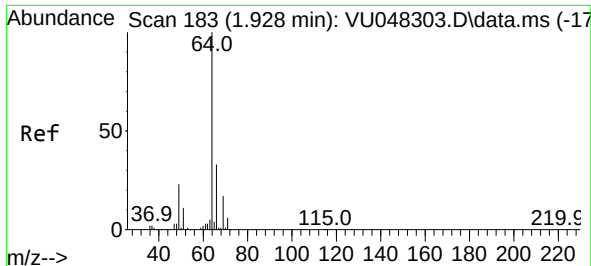
Tgt Ion: 62 Resp: 206404
 Ion Ratio Lower Upper
 62 100
 64 61.3 22.5 41.7#



#6
 Bromomethane
 Concen: 21.076 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.026 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

Tgt Ion: 94 Resp: 35253
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.8 122.2

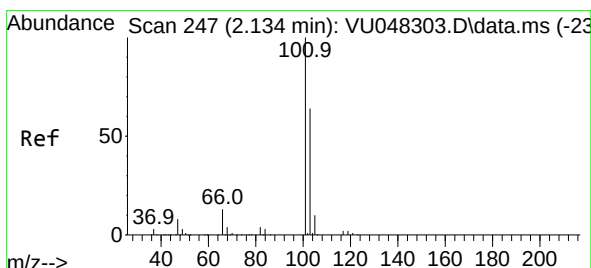
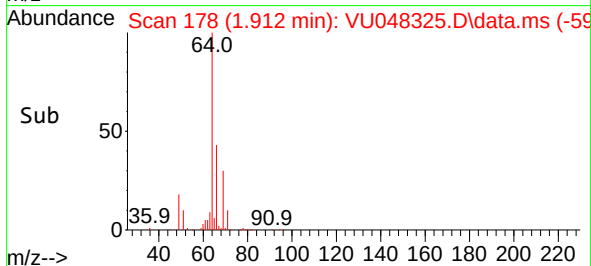
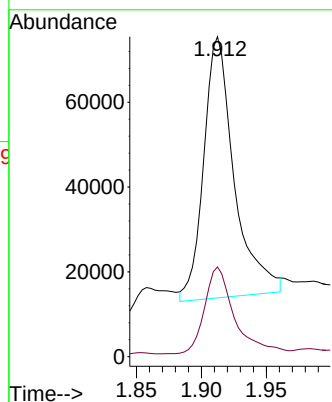
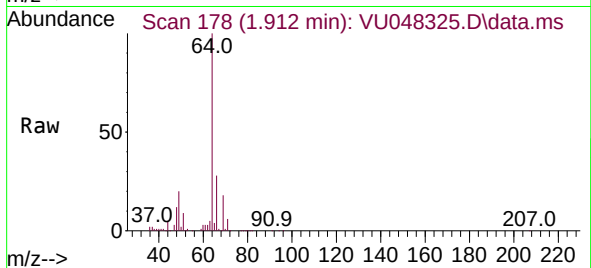




#8
Chloroethane
Concen: 49.011 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

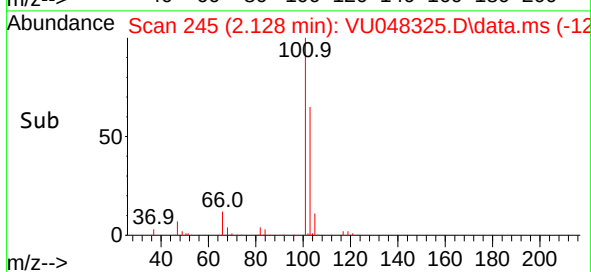
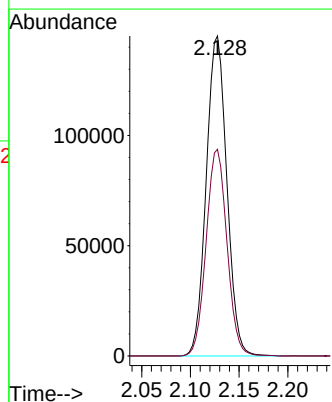
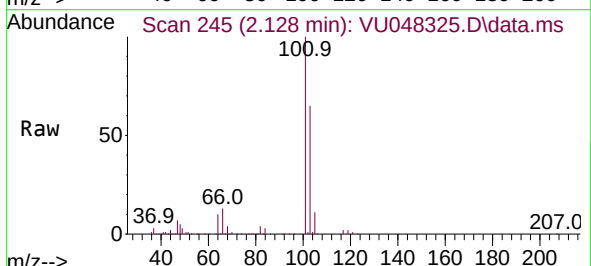
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MSVOA_U
ClientSampleId :
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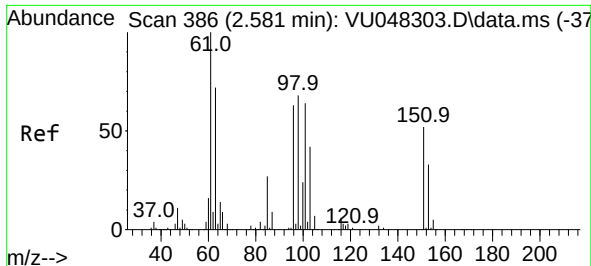
Tgt Ion: 64 Resp: 100860
Ion Ratio Lower Upper
64 100
66 28.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 44.963 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.006 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion:101 Resp: 213261
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

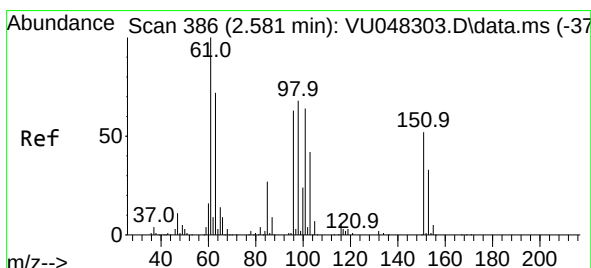
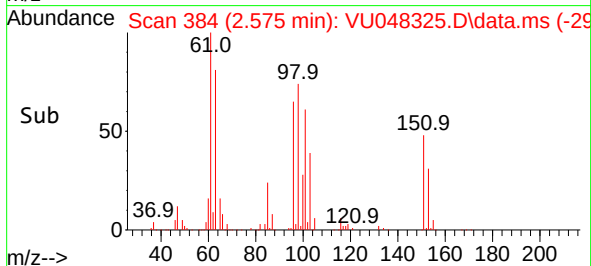
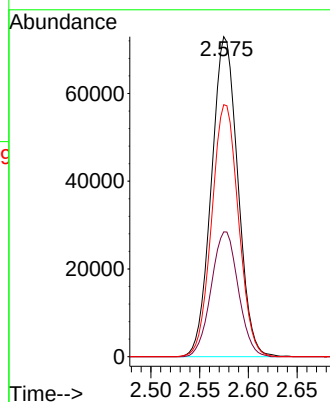
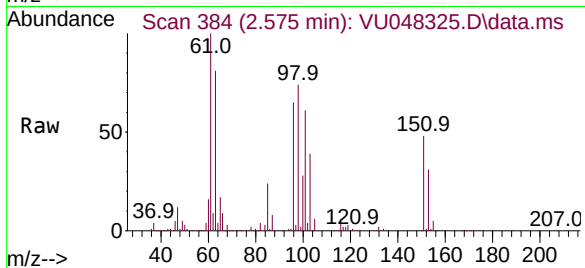




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.666 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

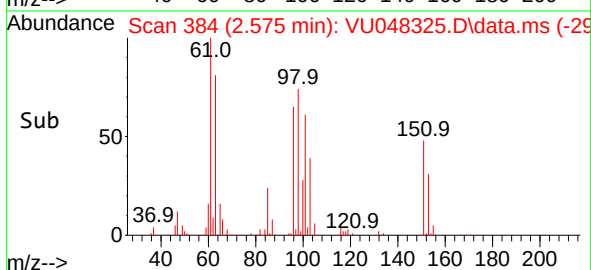
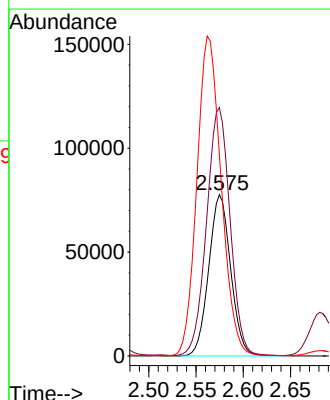
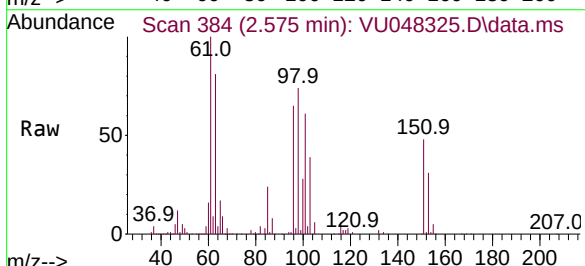
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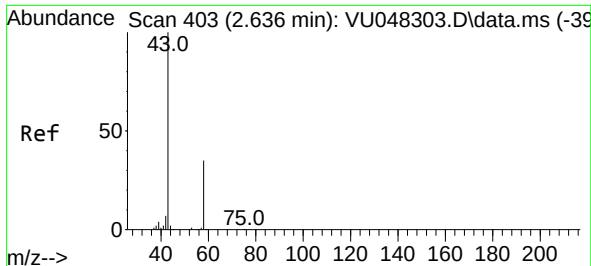
Tgt Ion:101 Resp: 137363
 Ion Ratio Lower Upper
 101 100
 85 40.0 32.6 48.8
 151 79.9 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 45.591 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

Tgt Ion: 96 Resp: 125190
 Ion Ratio Lower Upper
 96 100
 61 153.9 107.9 200.3
 63 124.6 80.3 149.1

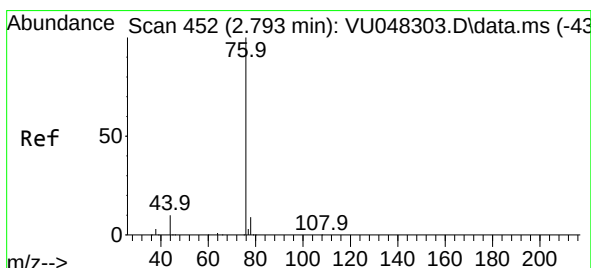
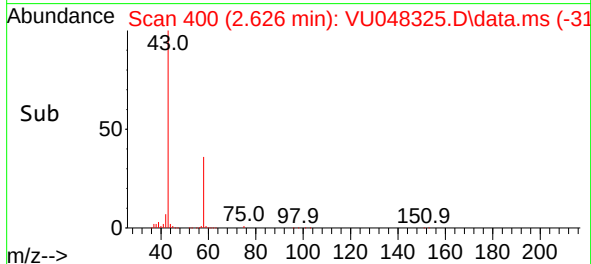
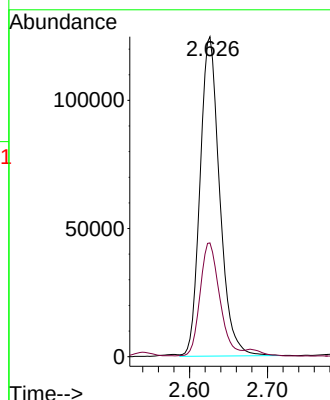
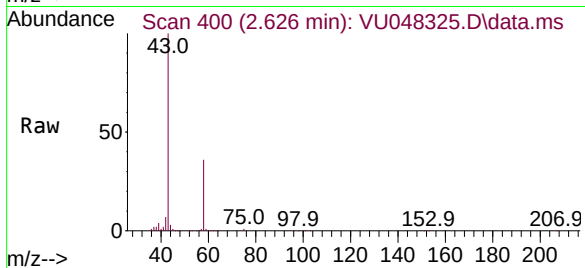




#13
Acetone
Concen: 103.415 ug/L
RT: 2.626 min Scan# 403
Delta R.T. -0.010 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

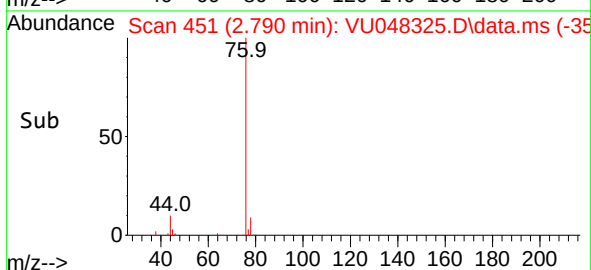
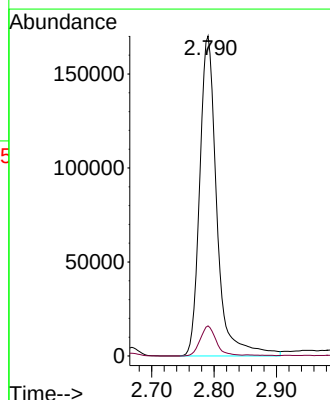
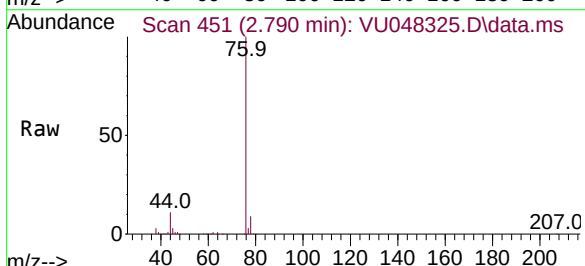
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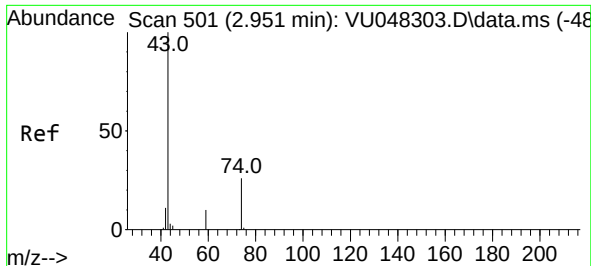
Tgt Ion: 43 Resp: 217445
Ion Ratio Lower Upper
43 100
58 35.3 0.0 71.2



#14
Carbon disulfide
Concen: 48.793 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 326544
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

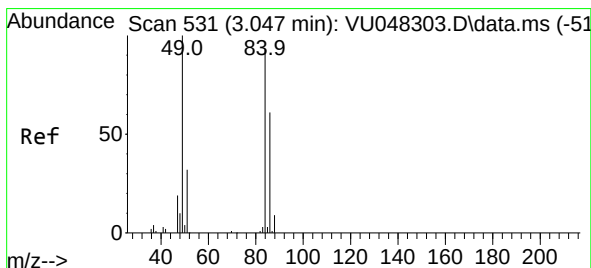
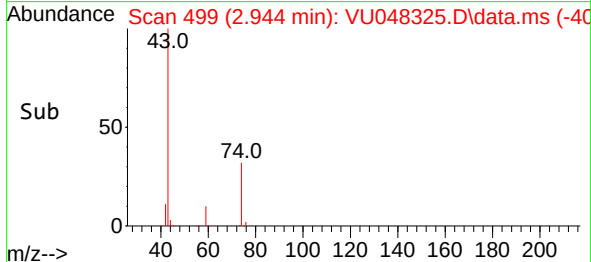
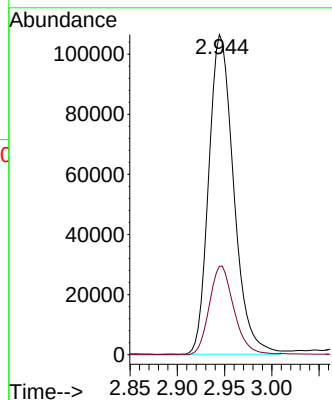
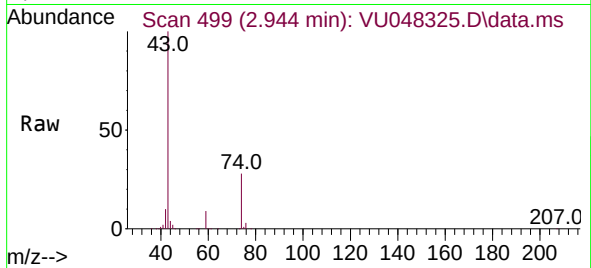




#15
Methyl Acetate
Concen: 46.831 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.006 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

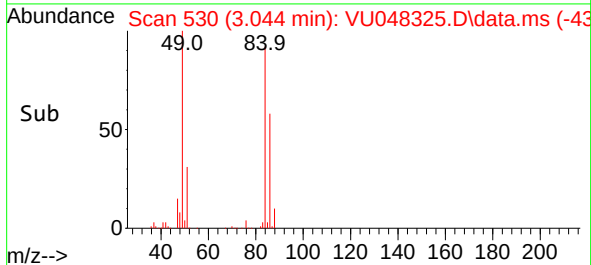
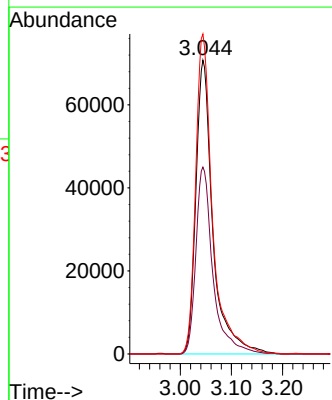
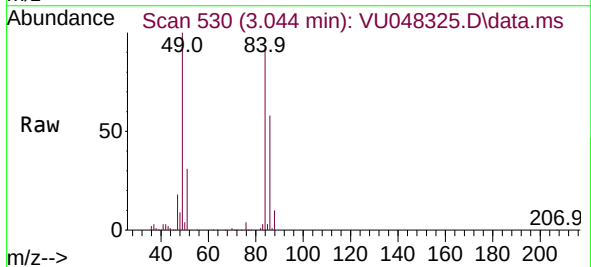
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

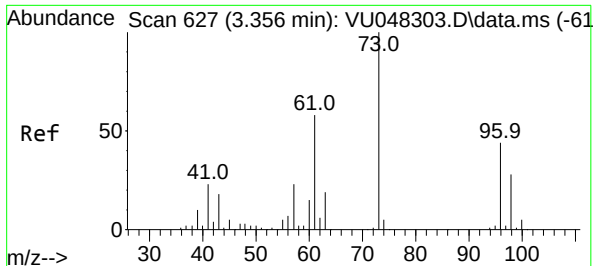
Tgt Ion: 43 Resp: 195467
Ion Ratio Lower Upper
43 100
74 27.3 21.0 31.6



#16
Methylene chloride
Concen: 46.109 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 84 Resp: 163233
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.2
49 108.9 79.2 147.0

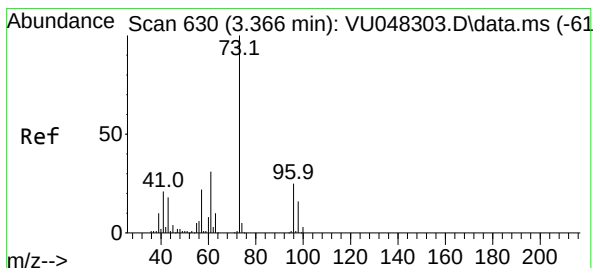
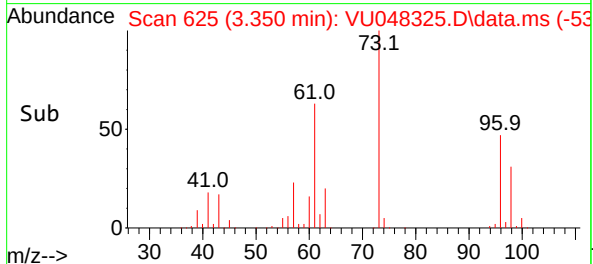
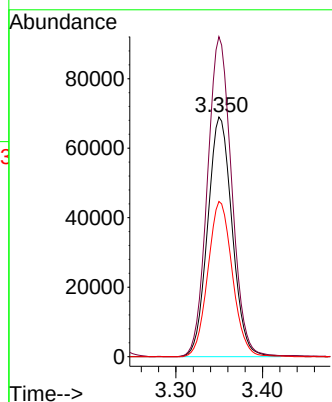
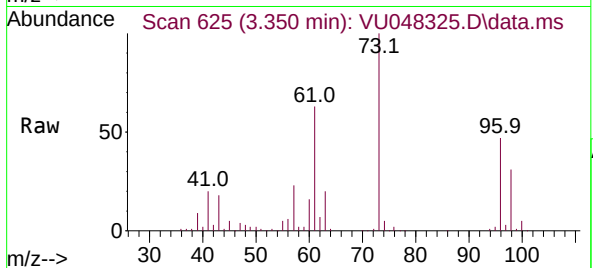




#17
trans-1,2-Dichloroethene
Concen: 47.406 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

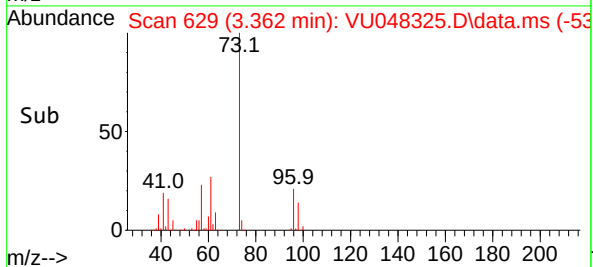
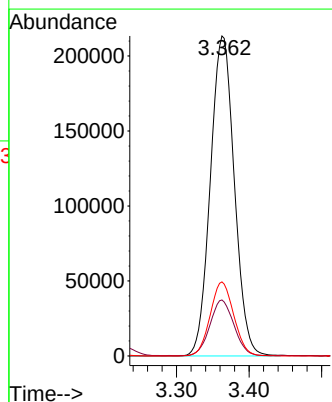
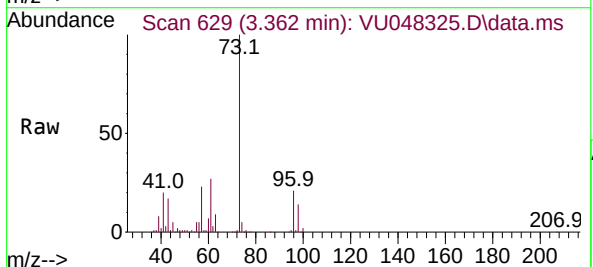
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

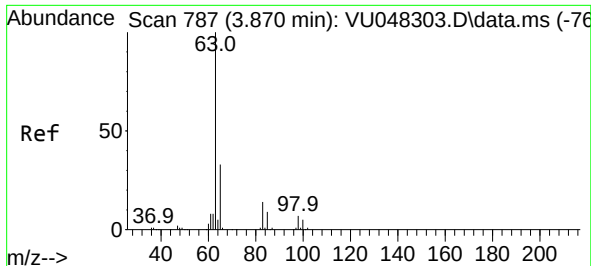
Tgt Ion: 96 Resp: 135231
Ion Ratio Lower Upper
96 100
61 133.5 95.2 176.8
98 64.8 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 52.008 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 73 Resp: 489494
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.6
57 22.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 47.677 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

EXET1MS

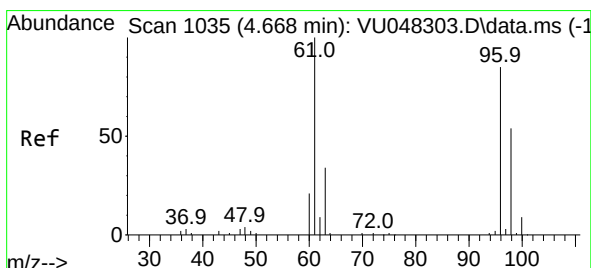
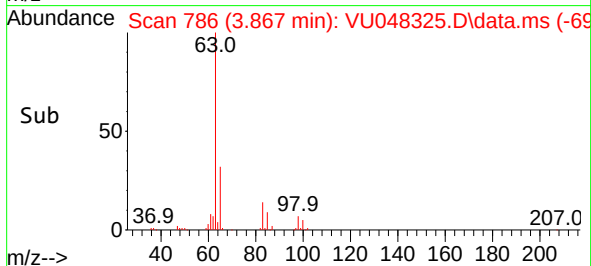
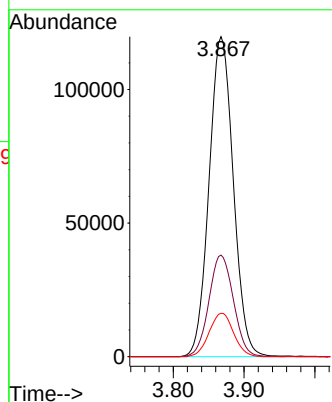
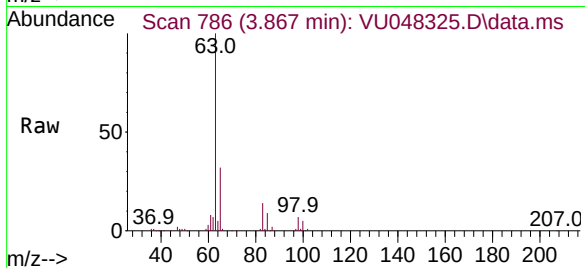
Tgt Ion: 63 Resp: 284400

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 51.133 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

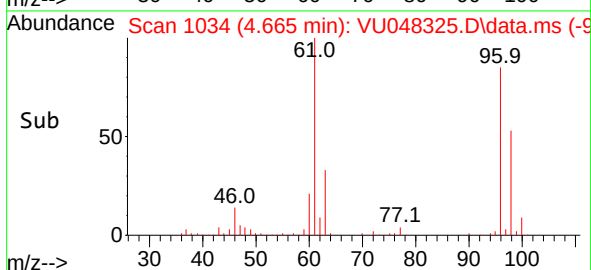
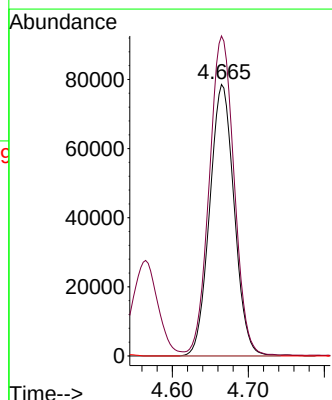
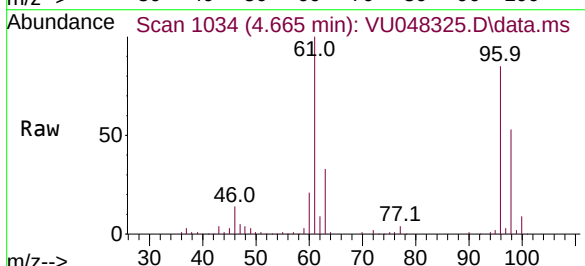
Tgt Ion: 96 Resp: 175823

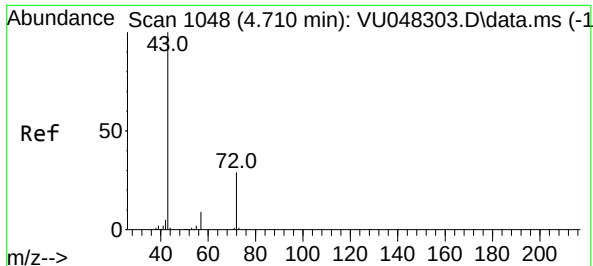
Ion Ratio Lower Upper

96 100

61 117.8 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 116.808 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.010 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

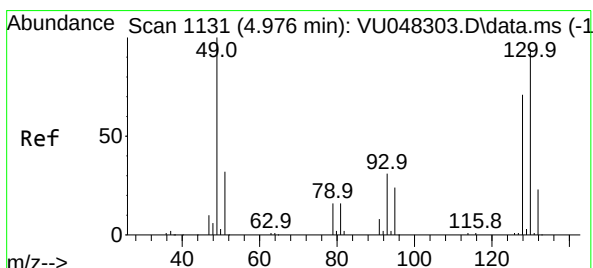
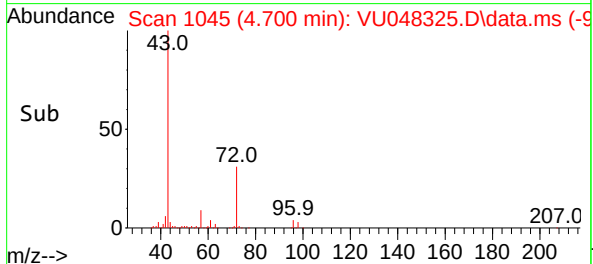
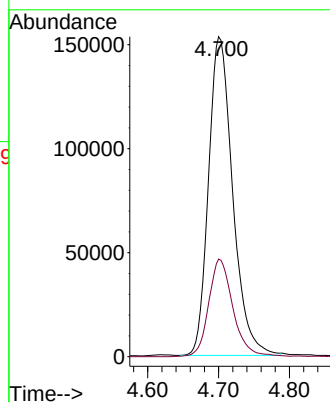
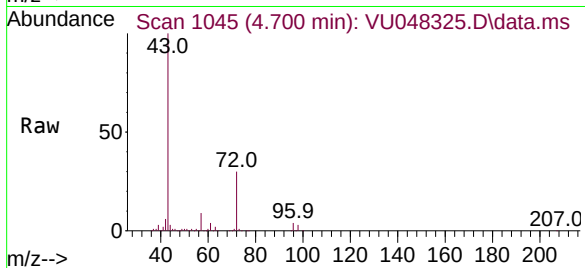
EXET1MS

Tgt Ion: 43 Resp: 363184

Ion Ratio Lower Upper

43 100

72 30.8 14.6 43.8



#23

Bromochloromethane

Concen: 48.028 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Tgt Ion: 128 Resp: 92200

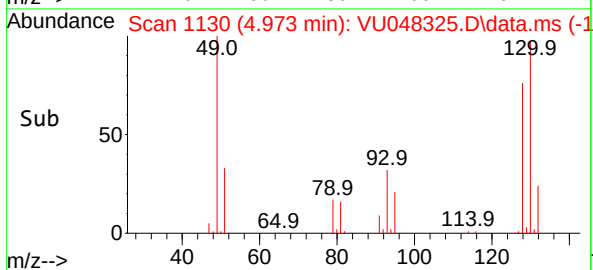
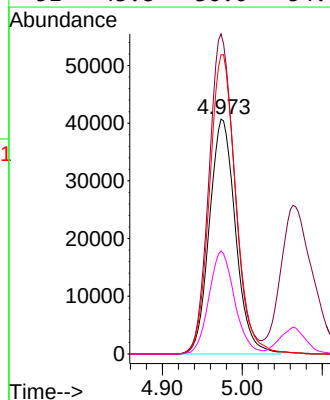
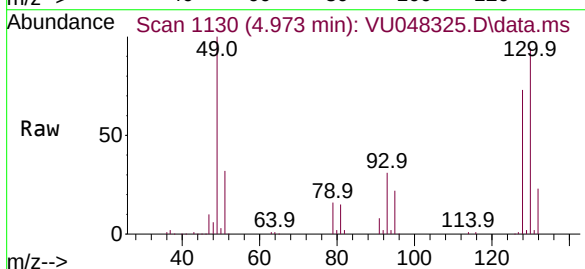
Ion Ratio Lower Upper

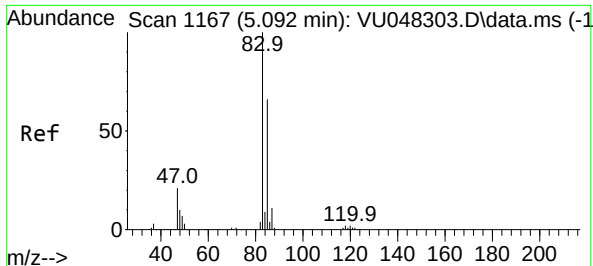
128 100

49 136.3 101.3 188.1

130 127.4 89.0 165.2

51 43.8 36.0 54.0





#25

Chloroform

Concen: 48.748 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

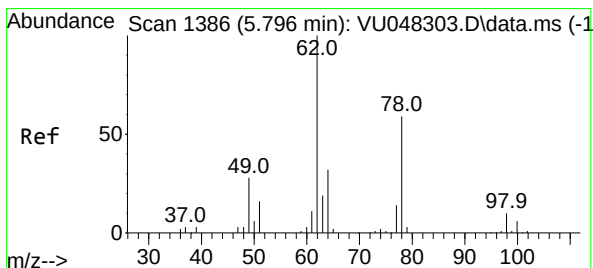
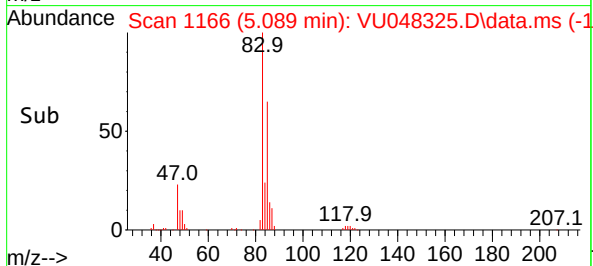
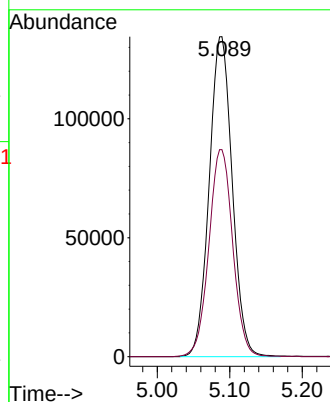
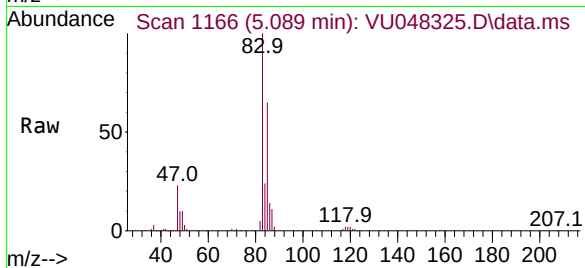
EXET1MS

Tgt Ion: 83 Resp: 296941

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 78.527 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.006 min

Lab File: VU048325.D

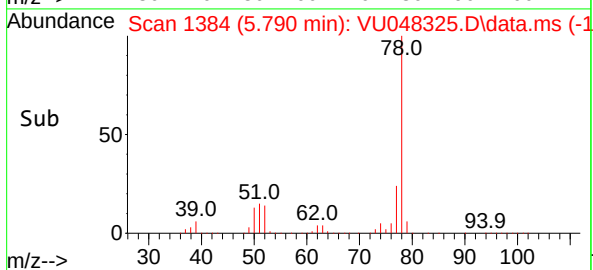
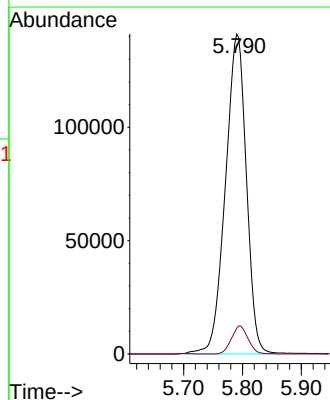
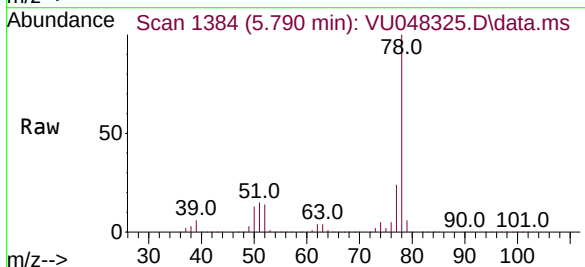
Acq: 27 Apr 2022 19:21

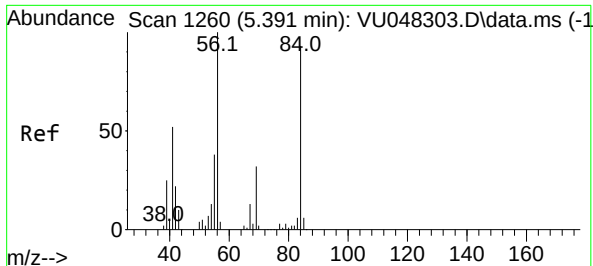
Tgt Ion: 62 Resp: 348901

Ion Ratio Lower Upper

62 100

98 8.0 8.5 12.7#





#29

Cyclohexane

Concen: 51.152 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

EXET1MS

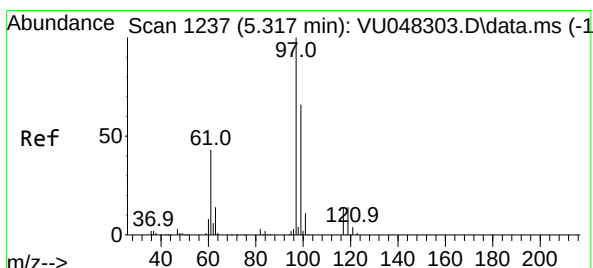
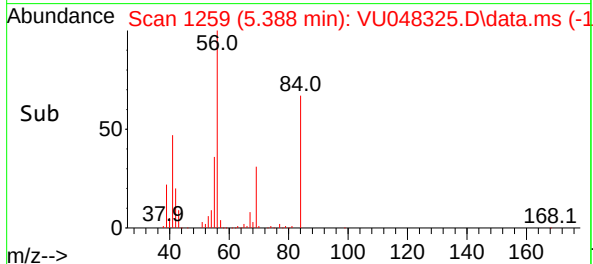
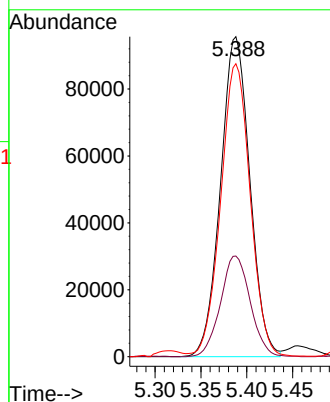
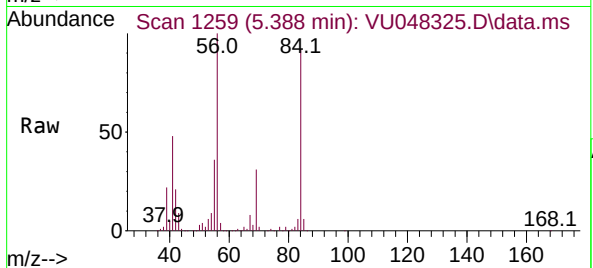
Tgt Ion: 56 Resp: 212941

Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.4

84 91.8 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 47.931 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

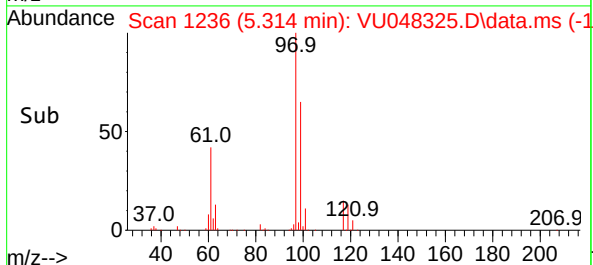
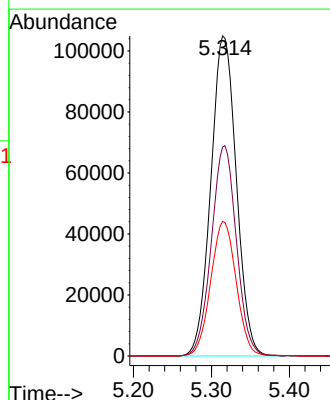
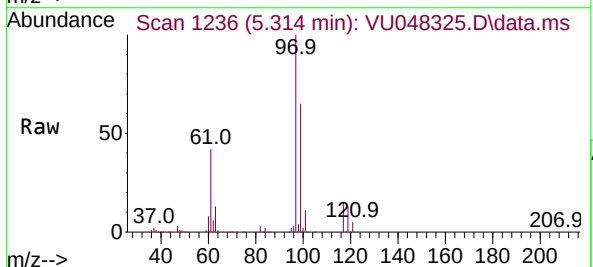
Tgt Ion: 97 Resp: 238814

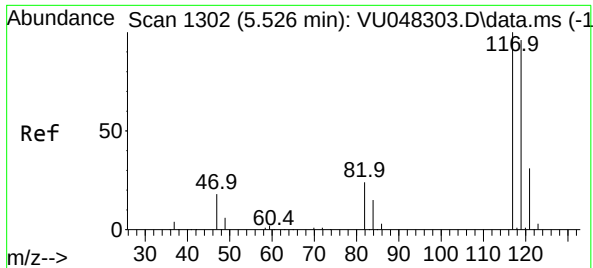
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 42.0 33.9 50.9

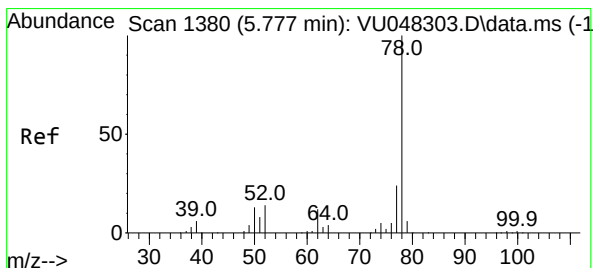
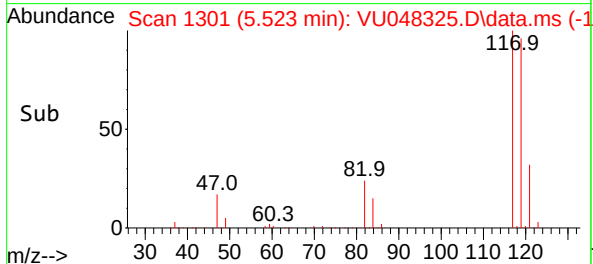
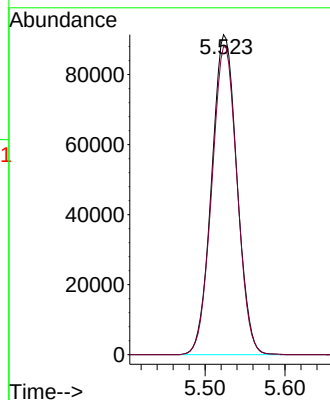
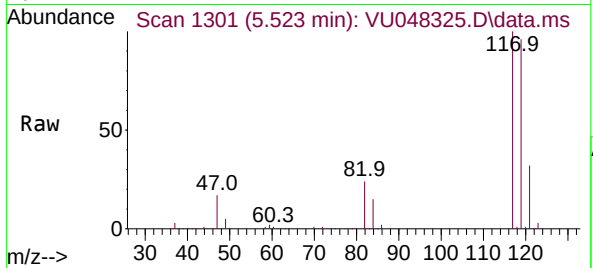




#31
Carbon tetrachloride
Concen: 47.308 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

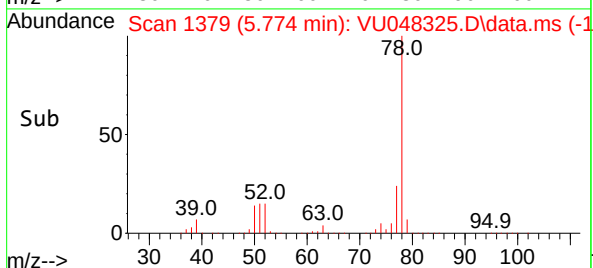
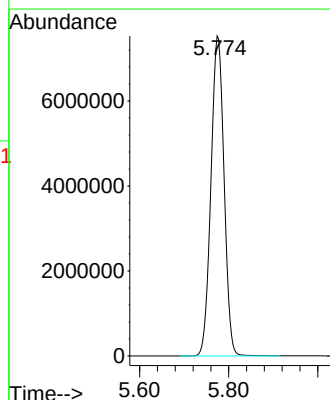
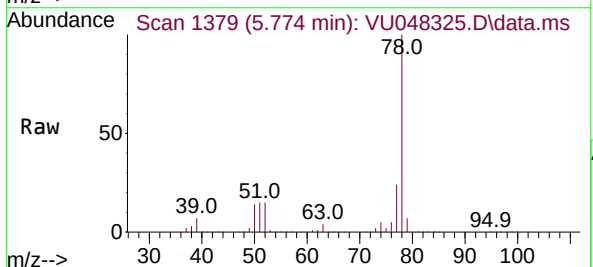
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

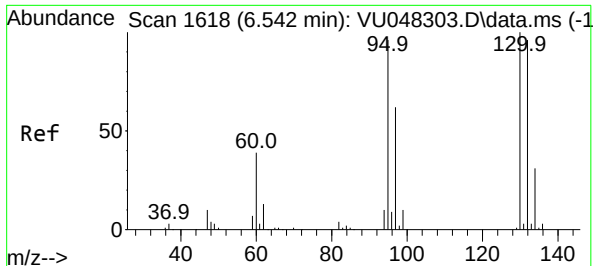
Tgt Ion:117 Resp: 200901
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 1173.935 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 78 Resp:15313947

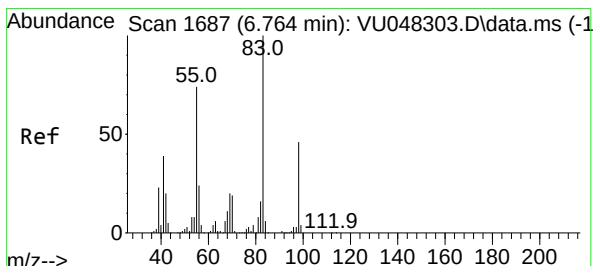
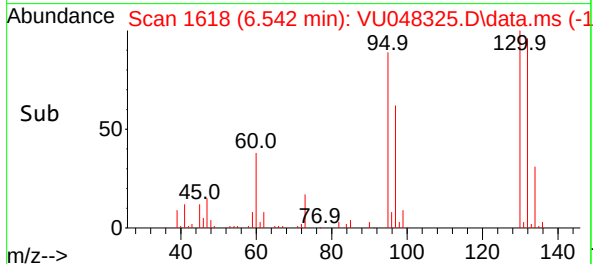
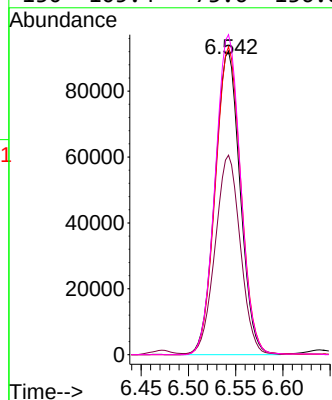
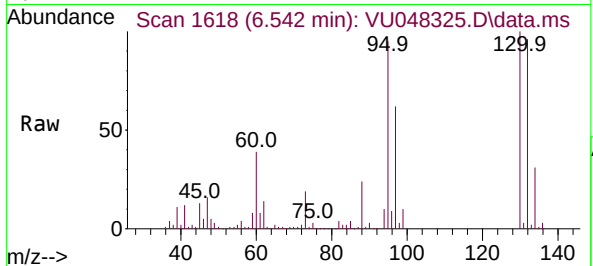




#34
Trichloroethene
Concen: 53.404 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

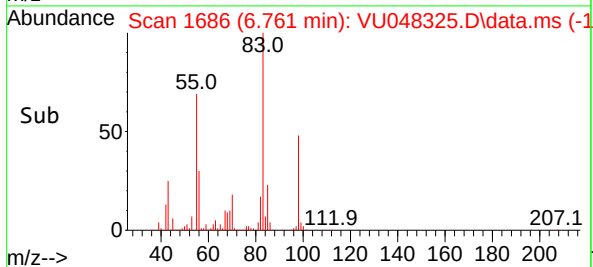
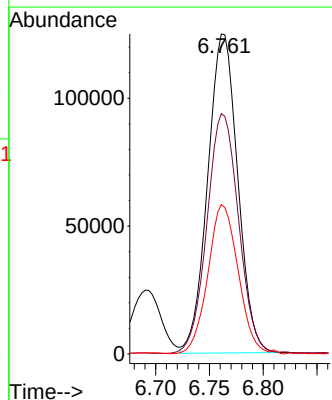
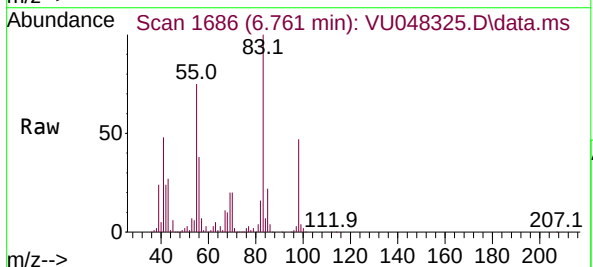
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

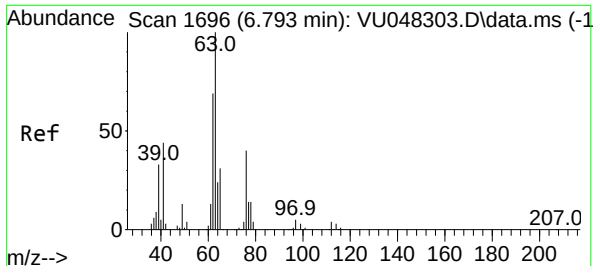
Tgt Ion: 95 Resp: 170757
Ion Ratio Lower Upper
95 100
97 65.7 45.8 85.2
132 101.4 71.6 133.0
130 105.4 73.6 136.8



#35
Methylcyclohexane
Concen: 53.931 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 83 Resp: 242102
Ion Ratio Lower Upper
83 100
55 79.4 59.4 89.2
98 47.1 37.3 55.9

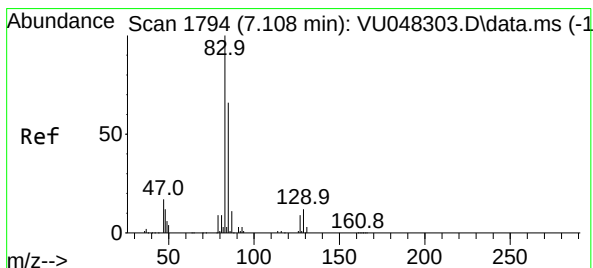
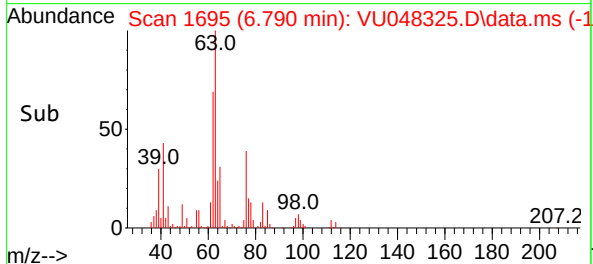
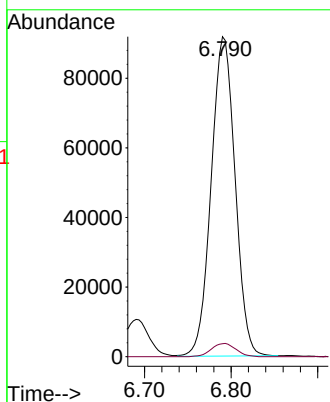
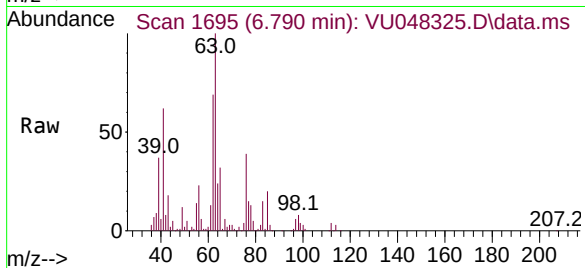




#37
1,2-Dichloropropane
Concen: 47.418 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

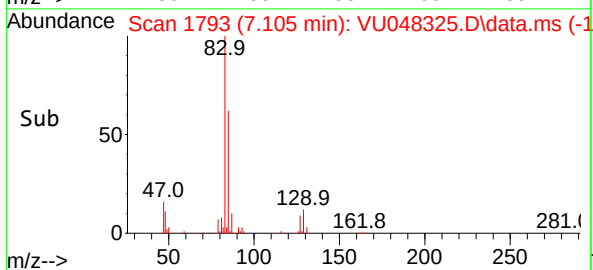
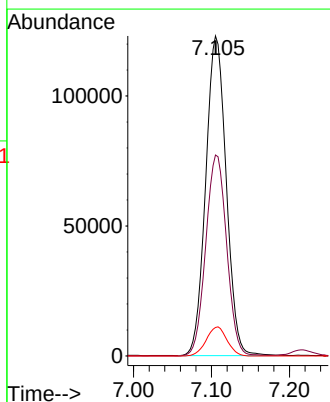
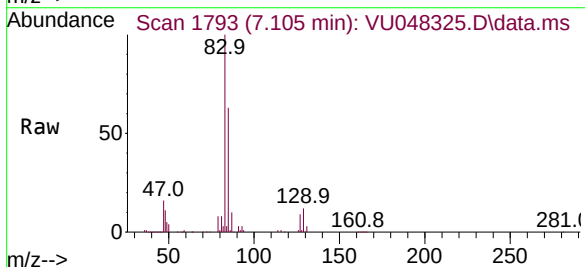
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

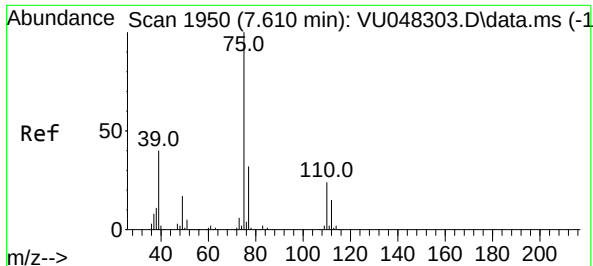
Tgt Ion: 63 Resp: 175991
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 48.102 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 83 Resp: 225462
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1
127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.688 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

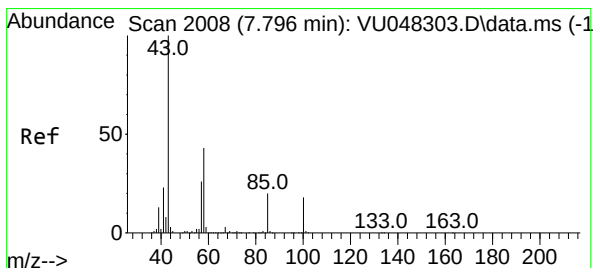
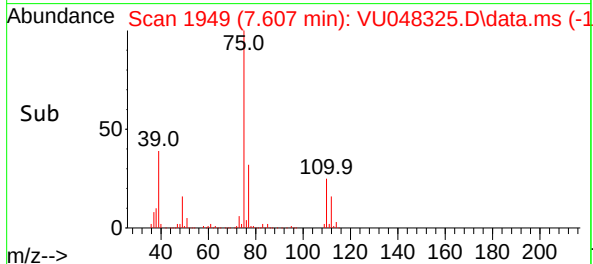
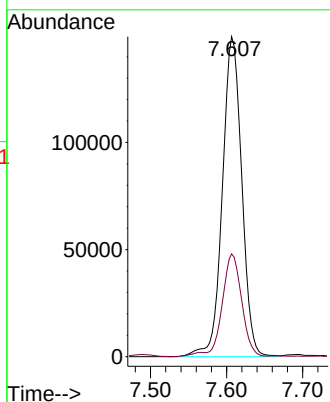
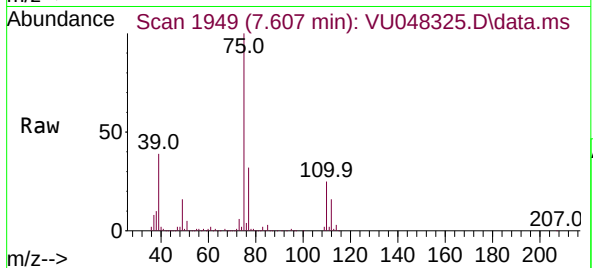
EXET1MS

Tgt Ion: 75 Resp: 264540

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 122.742 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

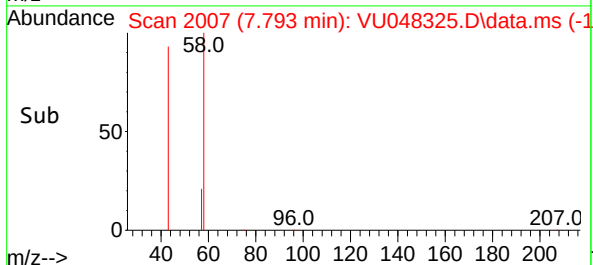
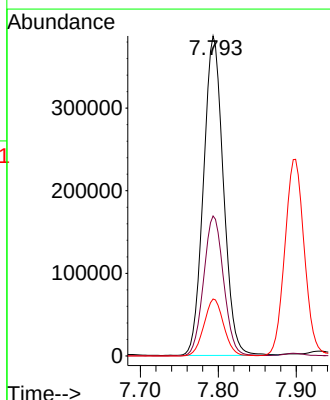
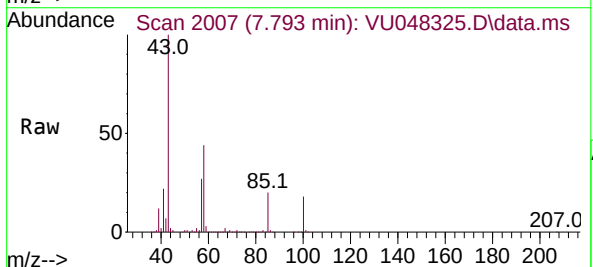
Tgt Ion: 43 Resp: 687102

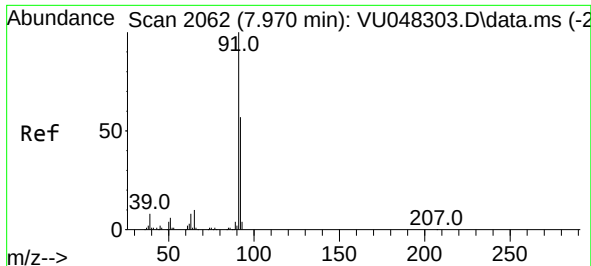
Ion Ratio Lower Upper

43 100

58 44.1 34.4 51.6

100 17.7 13.6 20.4





#42

Toluene

Concen: 203.944 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

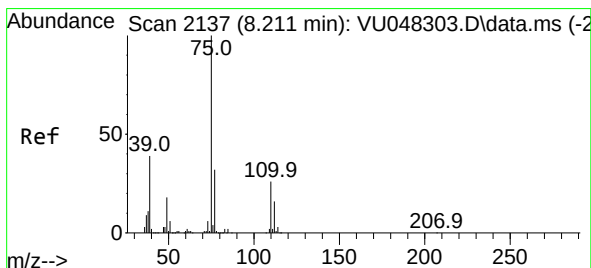
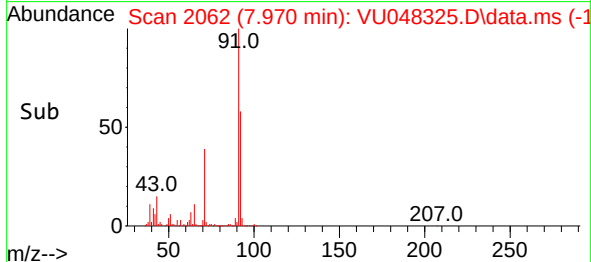
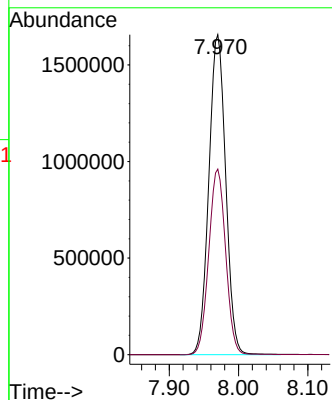
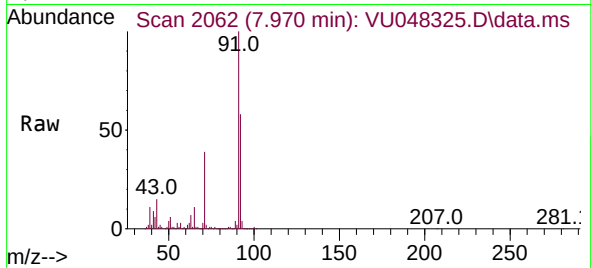
EXET1MS

Tgt Ion: 91 Resp: 2793187

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 50.792 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048325.D

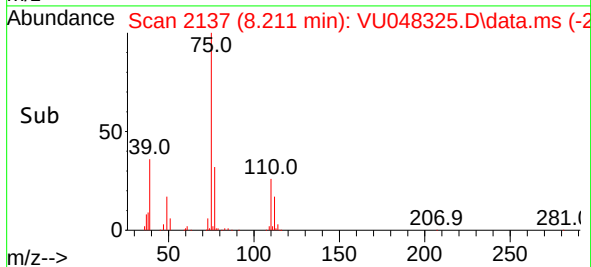
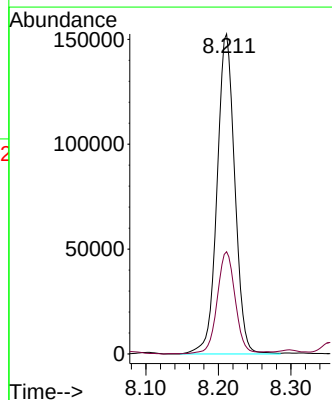
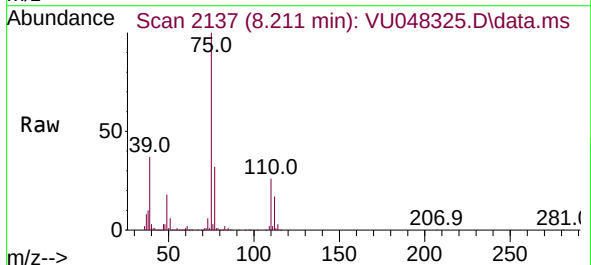
Acq: 27 Apr 2022 19:21

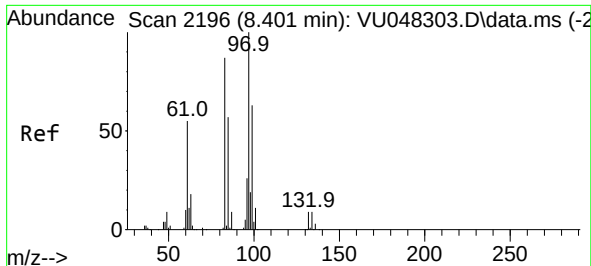
Tgt Ion: 75 Resp: 258963

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



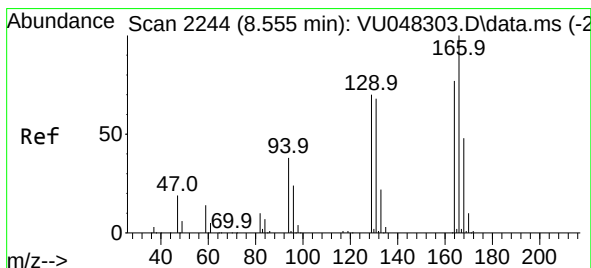
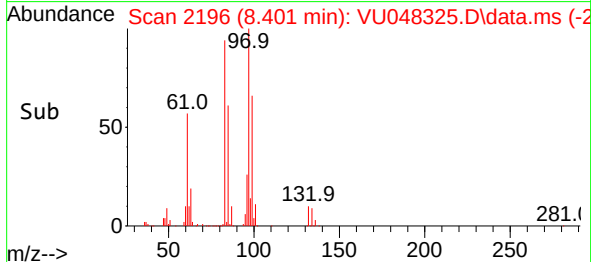
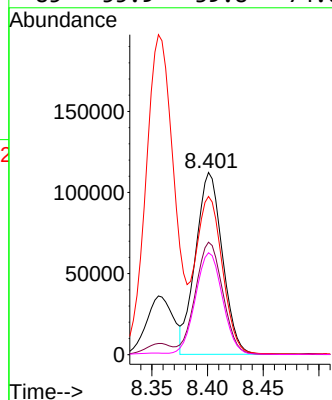
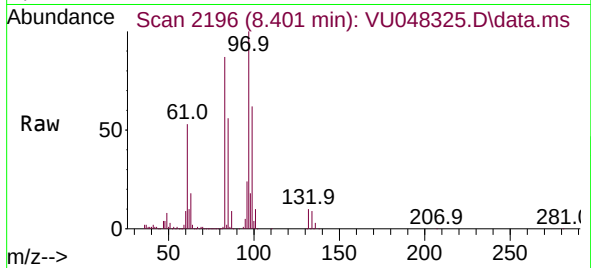


#45
1,1,2-Trichloroethane
Concen: 48.229 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

Tgt Ion: 97 Resp: 187805

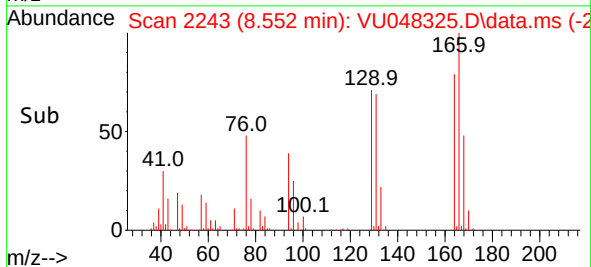
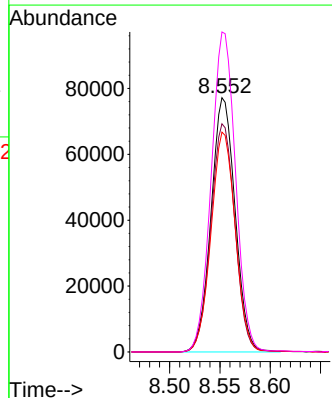
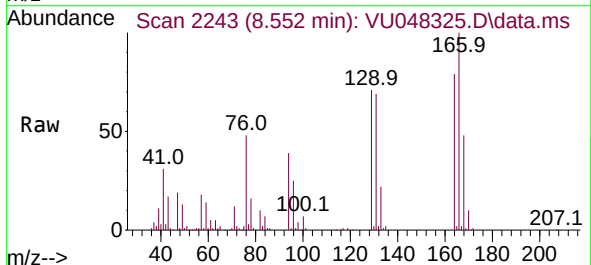
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.7	81.1
83	86.9	62.6	116.2
85	55.9	39.8	74.0

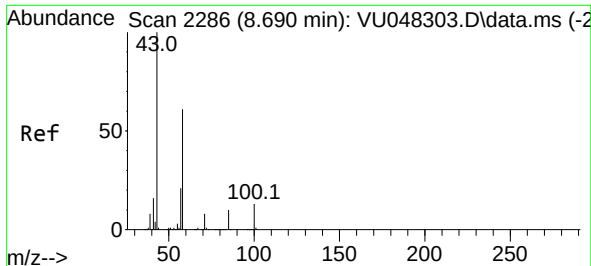


#46
Tetrachloroethene
Concen: 46.930 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 164 Resp: 128784

Ion	Ratio	Lower	Upper
164	100		
129	89.7	63.3	117.7
131	86.4	61.2	113.6
166	125.9	88.9	165.1



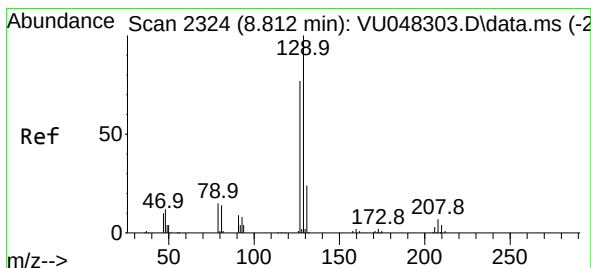
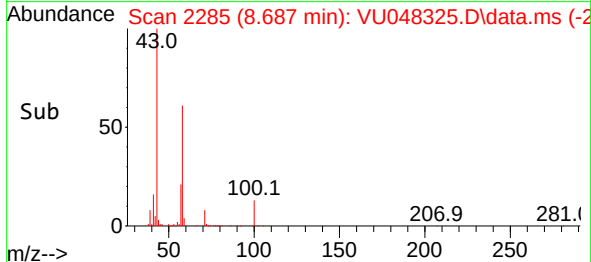
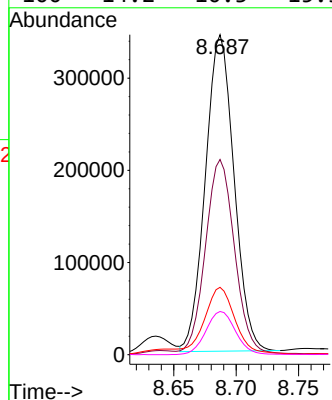
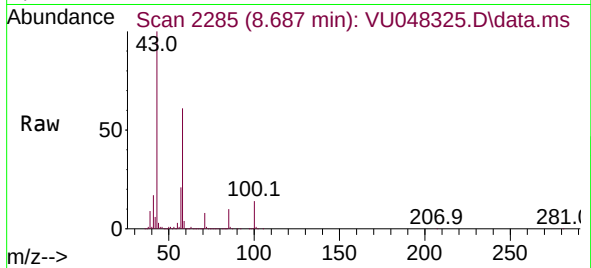


#48
2-Hexanone
Concen: 117.787 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

Tgt Ion: 43 Resp: 550609

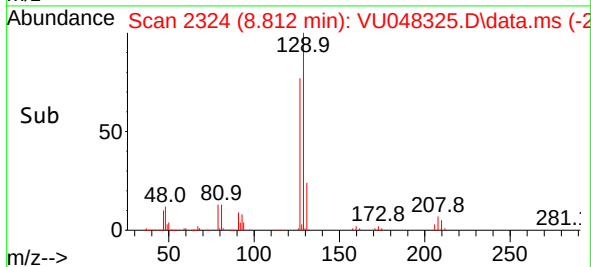
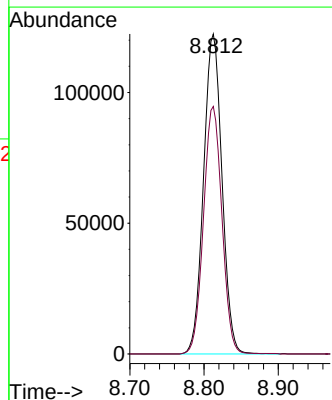
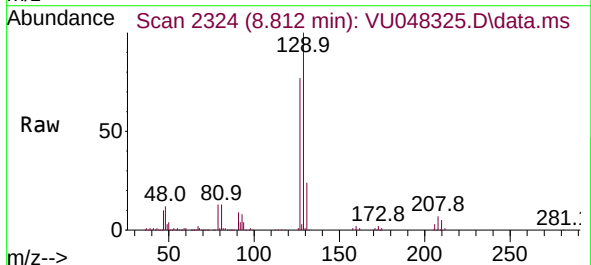
Ion	Ratio	Lower	Upper
43	100		
58	62.2	48.1	72.1
57	22.3	16.2	24.4
100	14.2	10.3	15.5

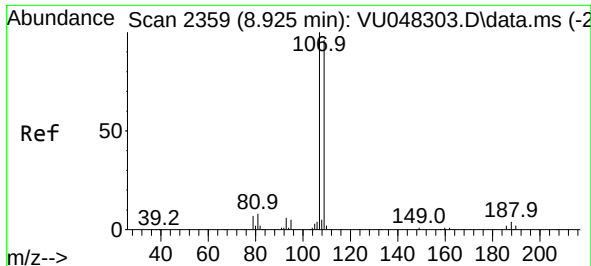


#49
Dibromochloromethane
Concen: 49.338 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 129 Resp: 211117

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.8	99.8

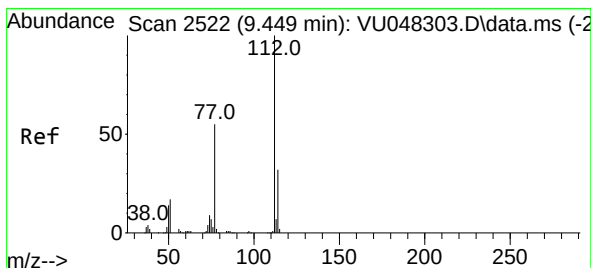
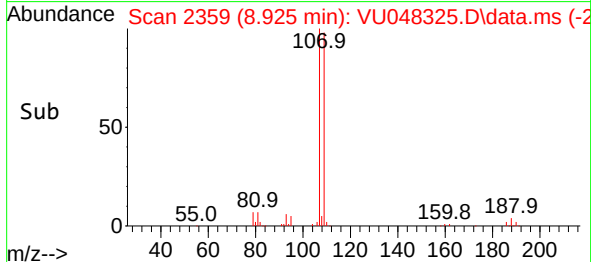
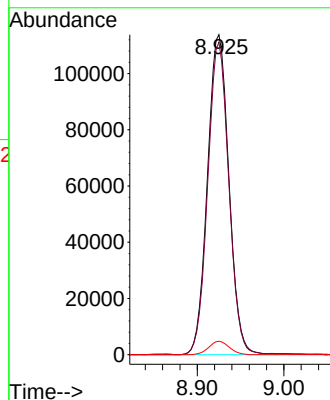
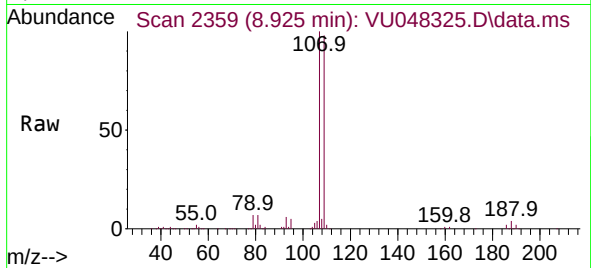




#50
1,2-Dibromoethane
Concen: 49.695 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

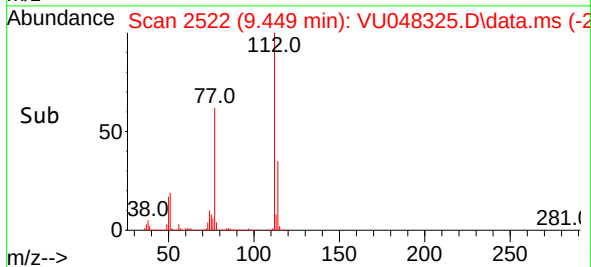
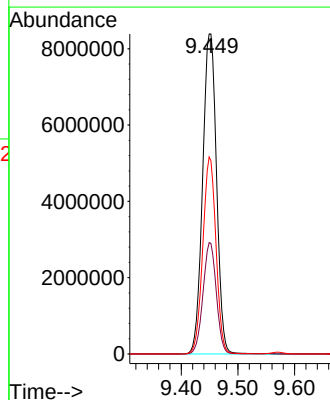
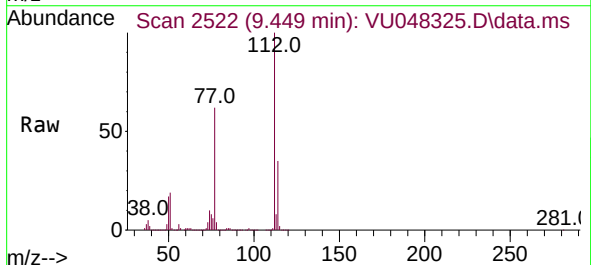
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

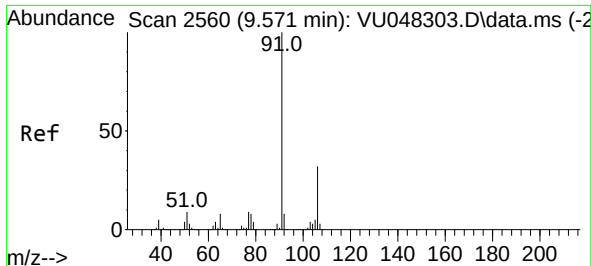
Tgt Ion:107 Resp: 196241
Ion Ratio Lower Upper
107 100
109 97.6 65.0 120.8
188 4.2 3.1 4.7



#51
Chlorobenzene
Concen: 1445.888 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion:112 Resp:14273892
Ion Ratio Lower Upper
112 100
114 34.8 22.7 42.1
77 61.6 44.3 66.5

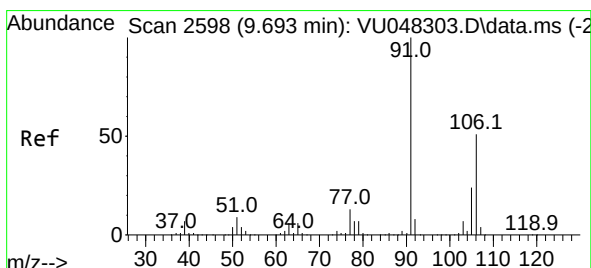
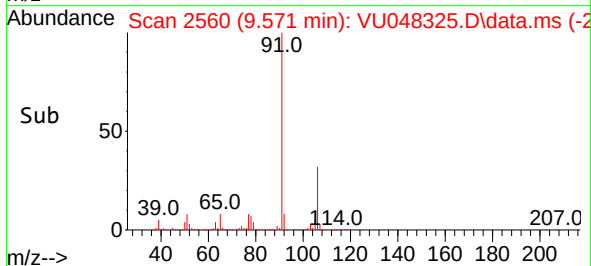
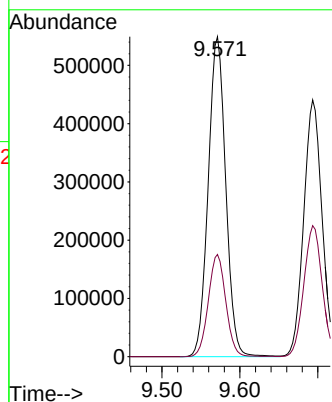
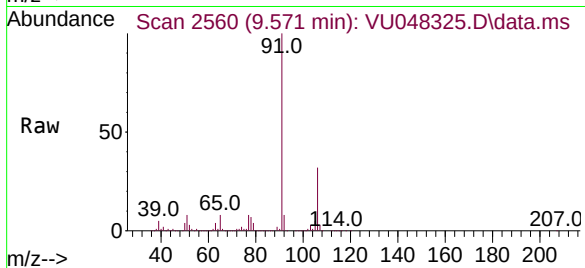




#52
Ethylbenzene
Concen: 60.582 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

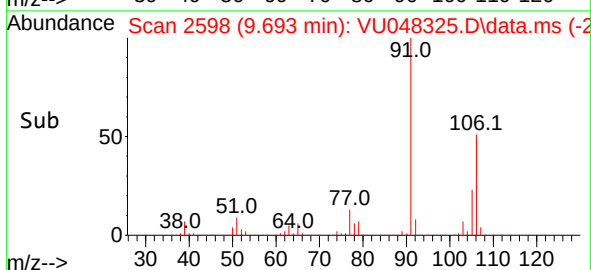
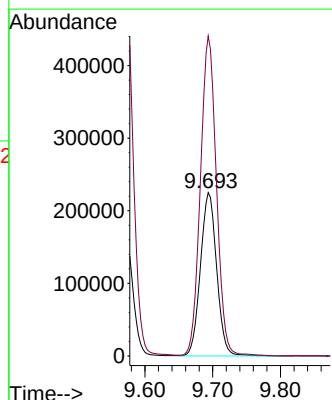
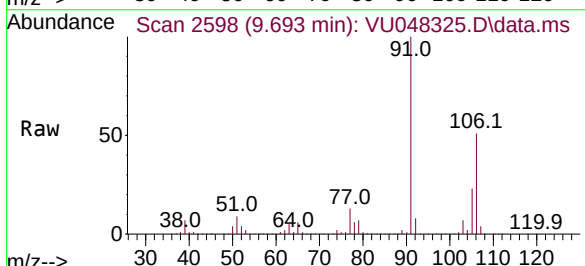
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

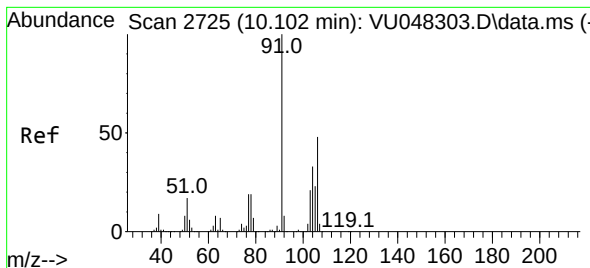
Tgt Ion: 91 Resp: 859291
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.9



#53
m,p-Xylene
Concen: 66.661 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 106 Resp: 373116
Ion Ratio Lower Upper
106 100
91 195.9 137.4 255.2





#54

o-Xylene

Concen: 64.133 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

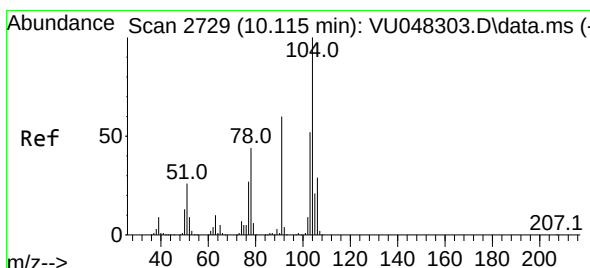
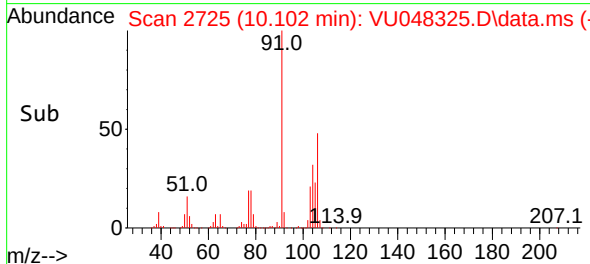
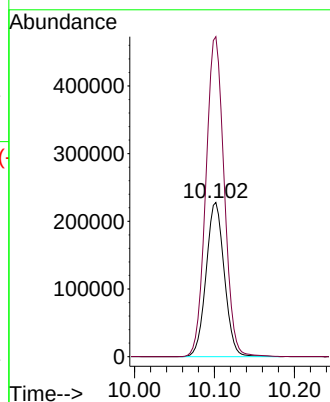
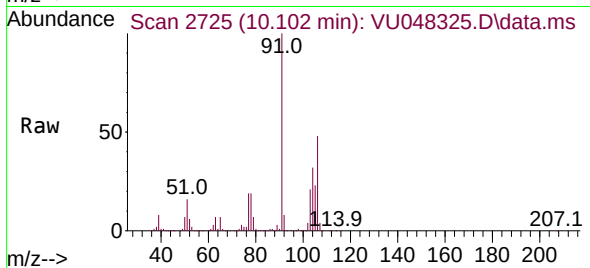
EXET1MS

Tgt Ion:106 Resp: 361627

Ion Ratio Lower Upper

106 100

91 207.5 145.3 269.8



#55

Styrene

Concen: 56.396 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048325.D

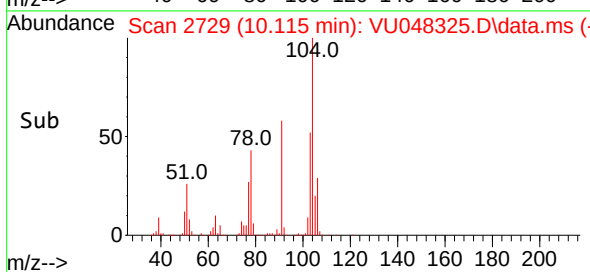
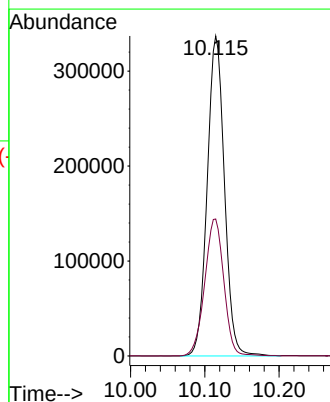
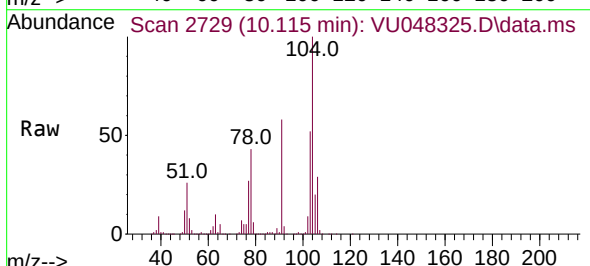
Acq: 27 Apr 2022 19:21

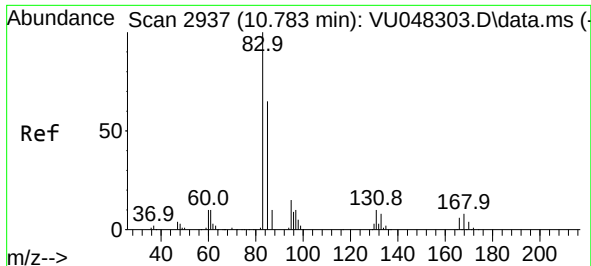
Tgt Ion:104 Resp: 541736

Ion Ratio Lower Upper

104 100

78 42.8 30.3 56.3

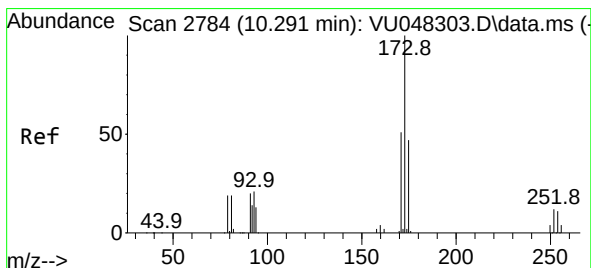
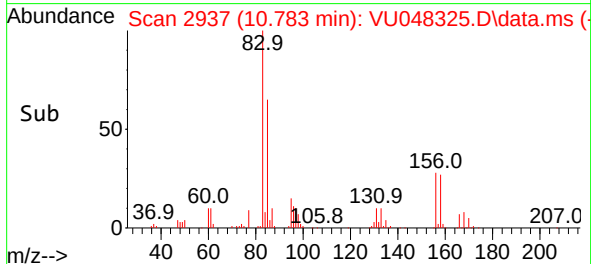
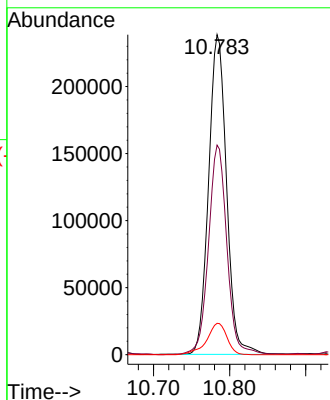
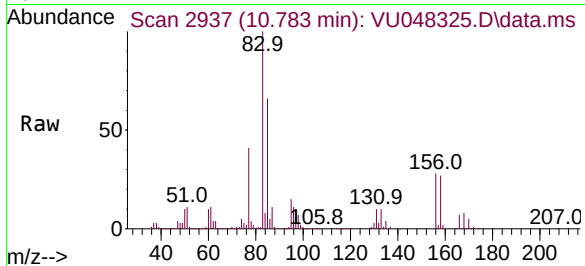




#57
1,1,2,2-Tetrachloroethane
Concen: 50.765 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

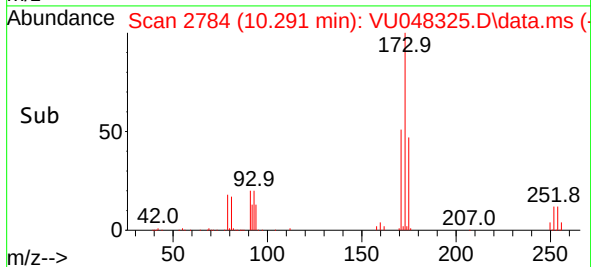
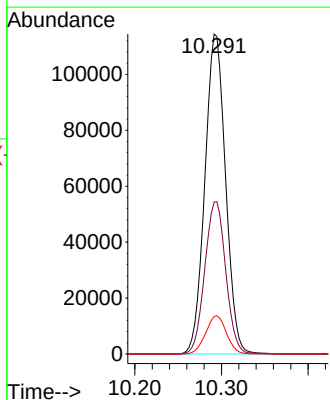
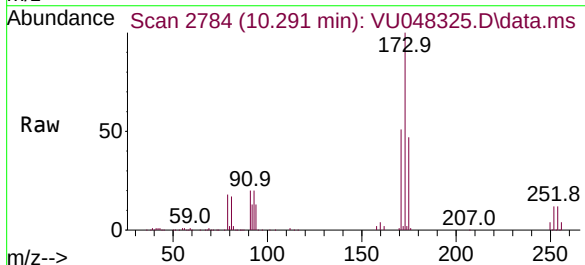
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

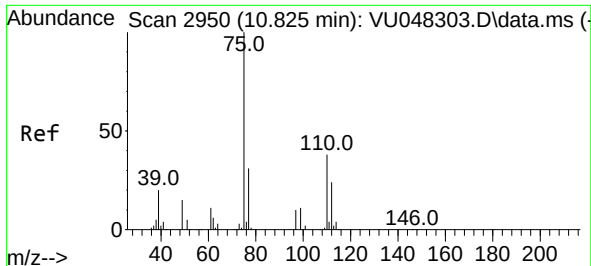
Tgt Ion: 83 Resp: 390146
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7
131 9.8 7.8 11.6



#59
Bromoform
Concen: 48.676 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion:173 Resp: 190173
Ion Ratio Lower Upper
173 100
175 48.2 38.9 58.3
254 11.9 9.5 14.3

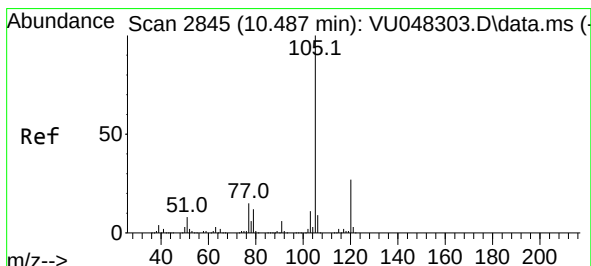
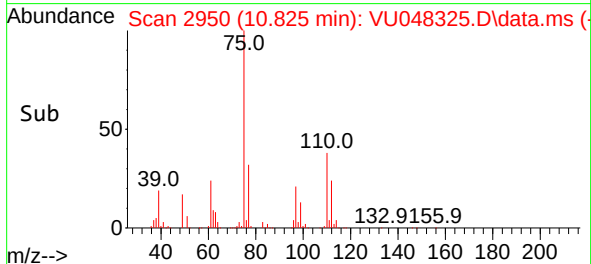
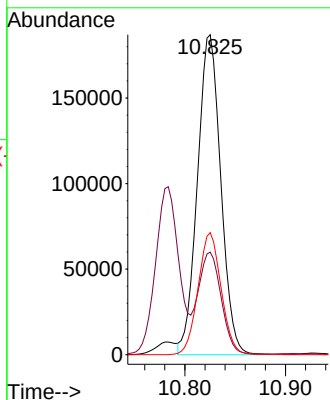
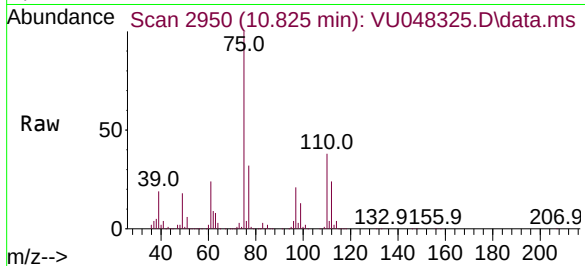




#60
1,2,3-Trichloropropane
Concen: 48.036 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

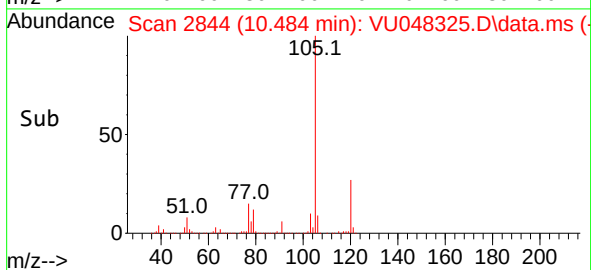
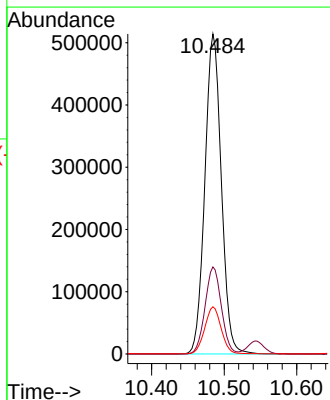
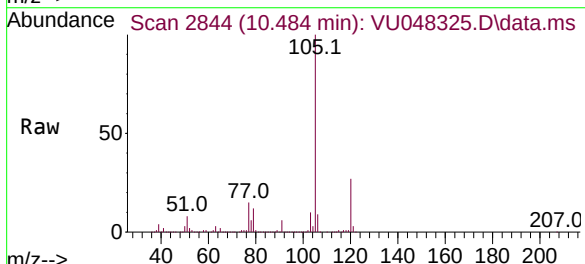
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

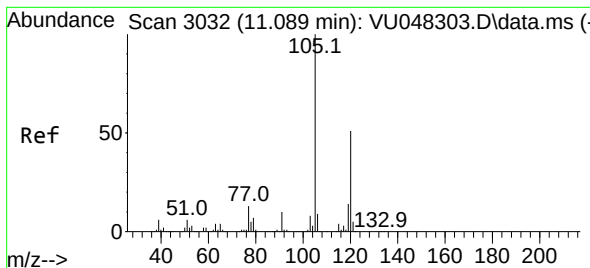
Tgt Ion: 75 Resp: 301677
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
110 37.6 29.9 44.9



#61
Isopropylbenzene
Concen: 53.891 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion: 105 Resp: 811165
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 14.7 11.7 17.5





#62

1,3,5-Trimethylbenzene

Concen: 59.065 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

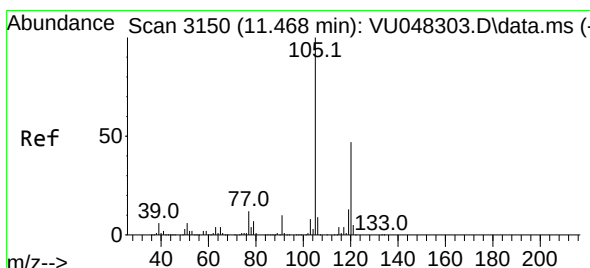
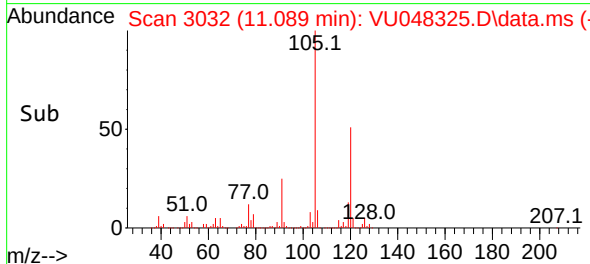
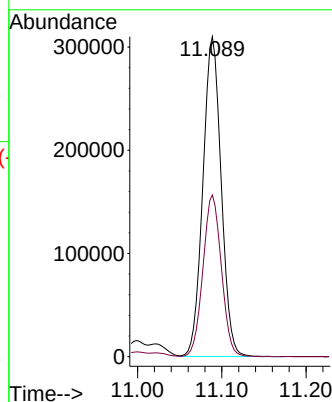
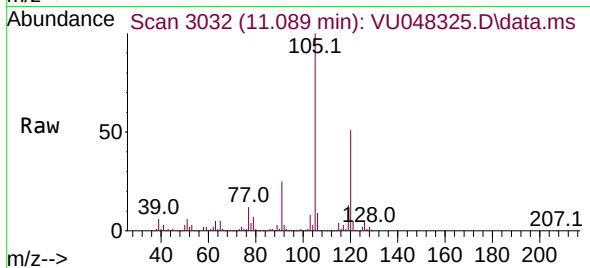
EXET1MS

Tgt Ion:105 Resp: 468587

Ion Ratio Lower Upper

105 100

120 50.9 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 61.018 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048325.D

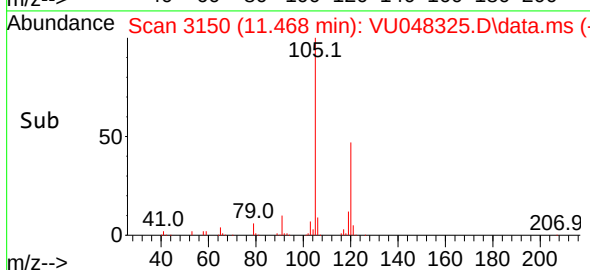
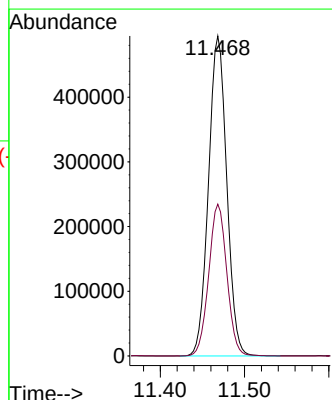
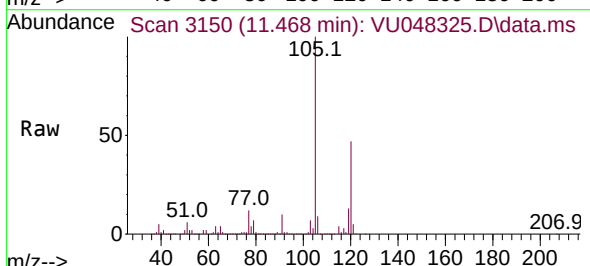
Acq: 27 Apr 2022 19:21

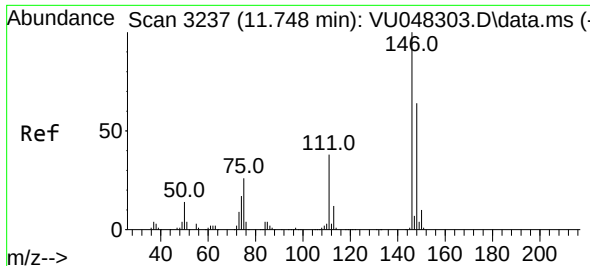
Tgt Ion:105 Resp: 744244

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0

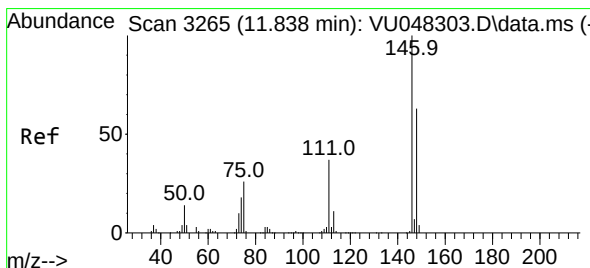
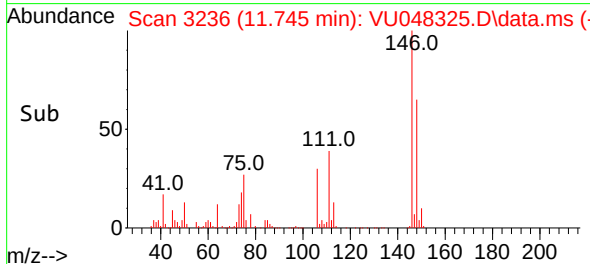
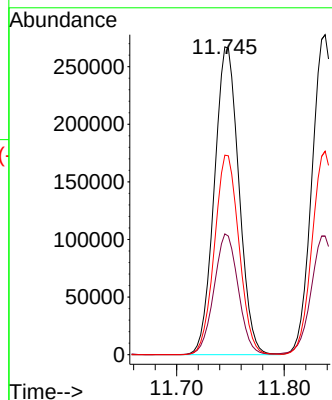
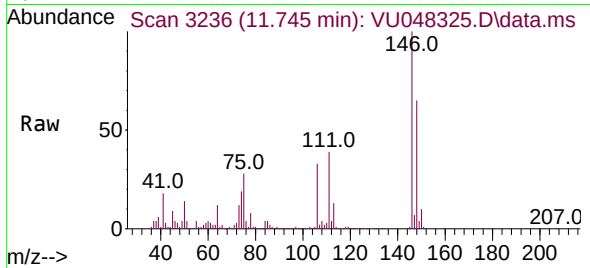




#64
1,3-Dichlorobenzene
Concen: 50.424 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

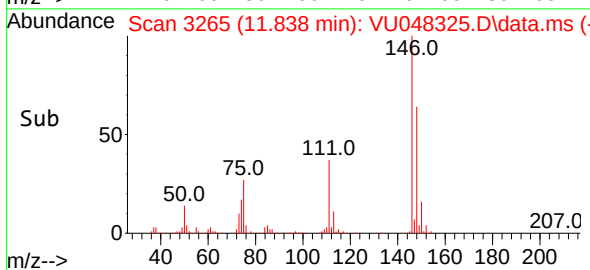
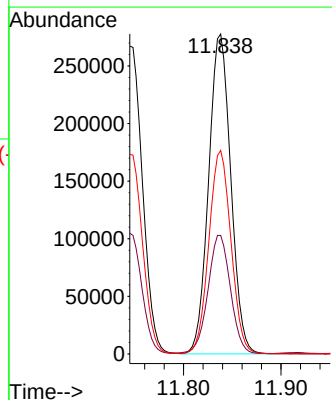
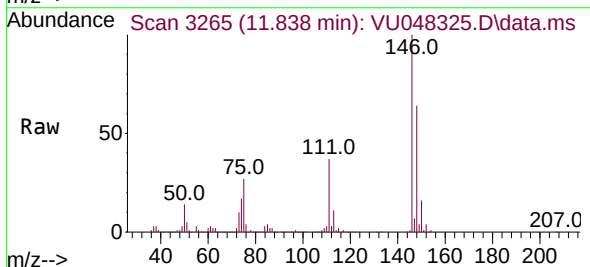
Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

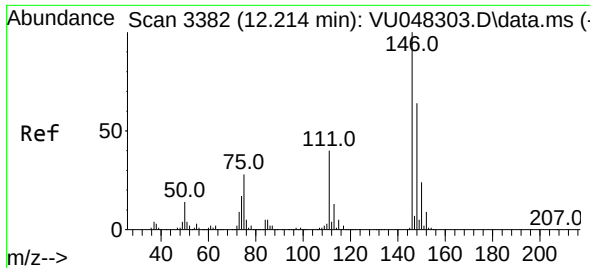
Tgt Ion:146 Resp: 425519
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.7
148 64.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 50.939 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion:146 Resp: 438842
Ion Ratio Lower Upper
146 100
111 37.0 25.9 48.1
148 63.6 45.1 83.7

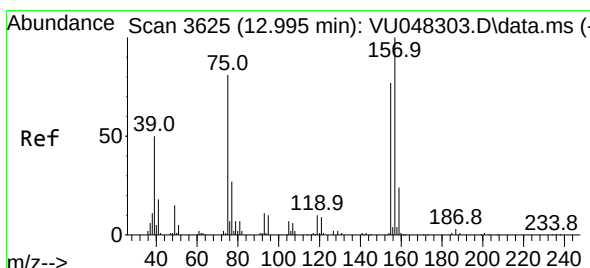
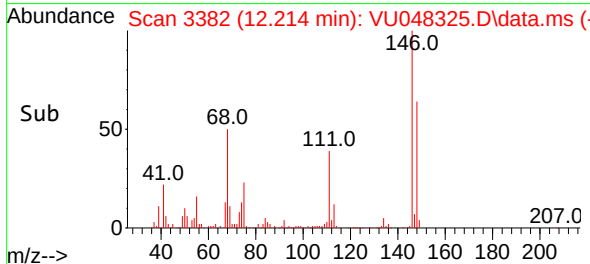
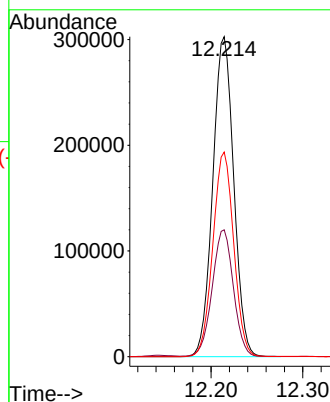
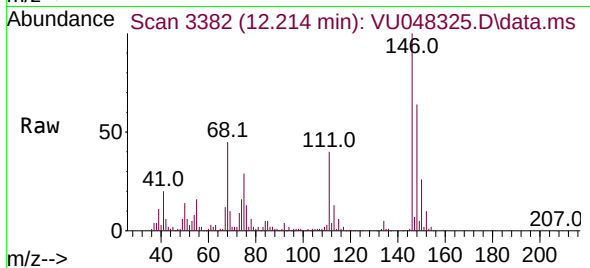




#67
 1,2-Dichlorobenzene
 Concen: 54.026 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

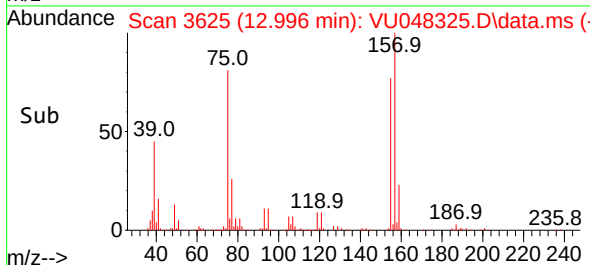
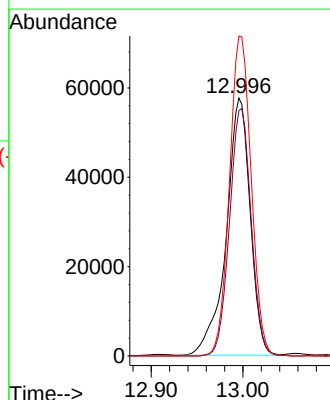
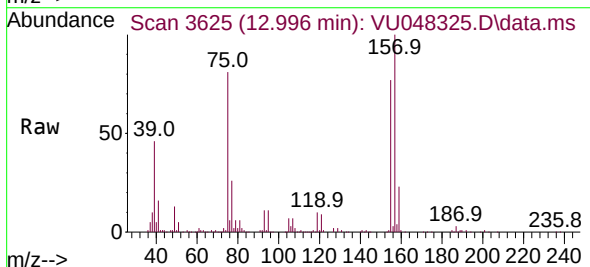
Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MS

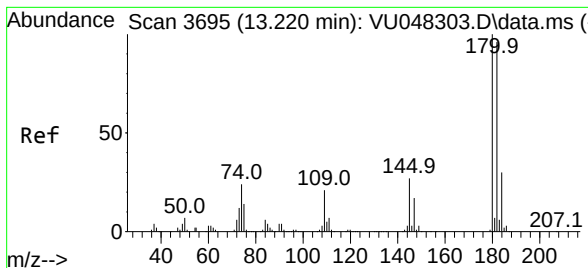
Tgt Ion:146 Resp: 480275
 Ion Ratio Lower Upper
 146 100
 111 39.6 31.7 47.5
 148 63.9 50.9 76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 62.079 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048325.D
 Acq: 27 Apr 2022 19:21

Tgt Ion: 75 Resp: 104077
 Ion Ratio Lower Upper
 75 100
 155 95.2 71.8 107.6
 157 124.2 93.4 140.2





#69

1,3,5-Trichlorobenzene

Concen: 51.735 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

EXET1MS

Tgt Ion:180 Resp: 324414

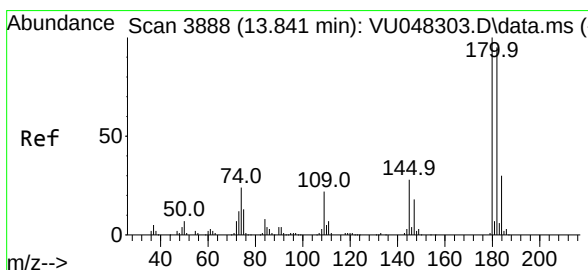
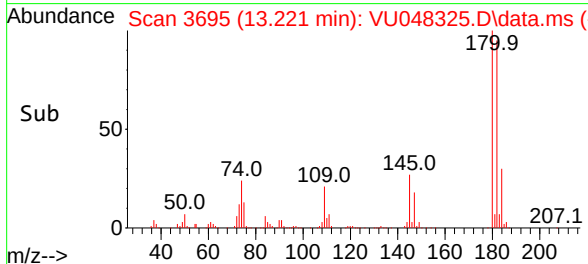
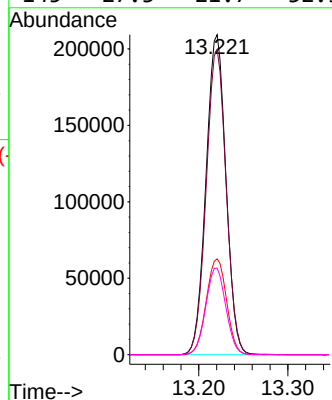
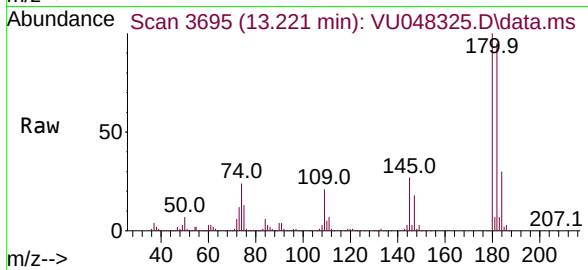
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.4

184 30.6 24.6 37.0

145 27.3 21.7 32.5



#70

1,2,4-trichlorobenzene

Concen: 58.372 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048325.D

Acq: 27 Apr 2022 19:21

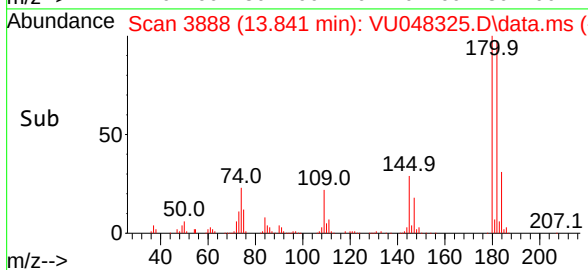
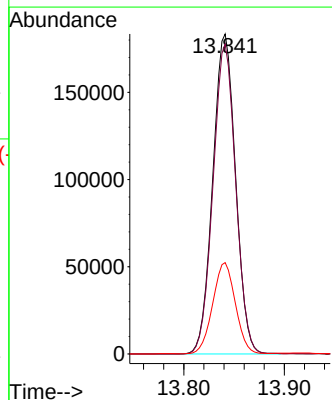
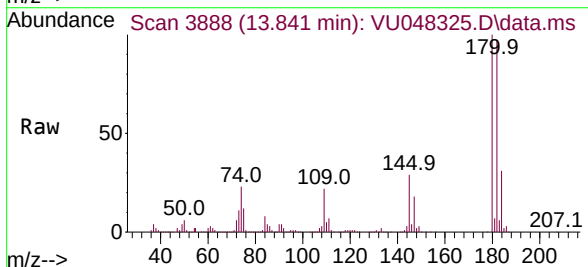
Tgt Ion:180 Resp: 289169

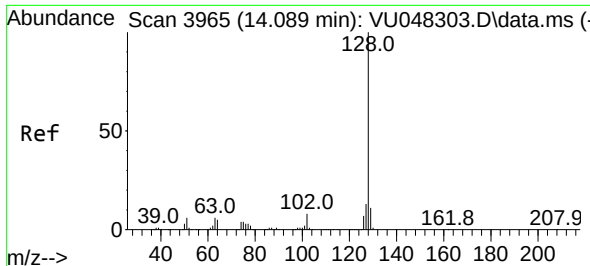
Ion Ratio Lower Upper

180 100

182 96.2 76.3 114.5

145 28.3 22.6 33.8

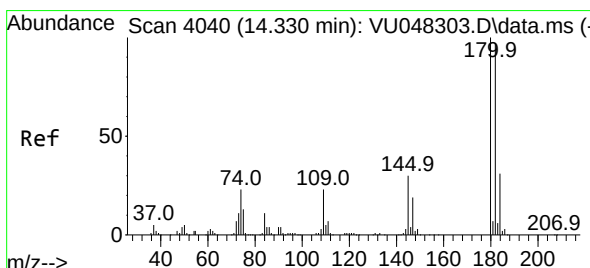
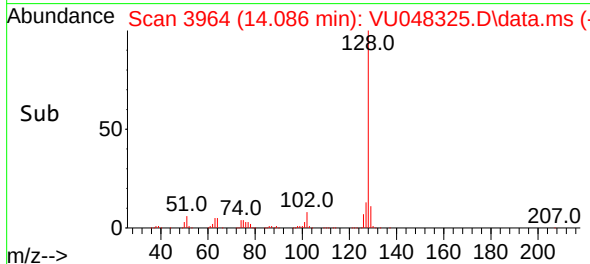
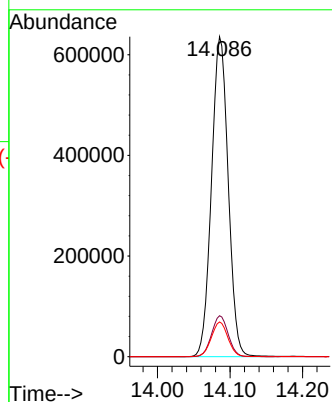
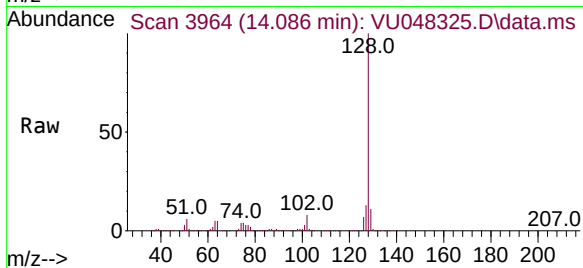




#71
Naphthalene
Concen: 71.734 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :
EXET1MS

Tgt Ion:128 Resp: 1016981
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 56.362 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048325.D
Acq: 27 Apr 2022 19:21

Tgt Ion:180 Resp: 286148
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 30.1 23.5 35.3

