

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042522\
 Data File : U048289.D
 Acq On : 25 Apr 2022 23:38
 Operator : SY/MD
 Sample : N2518-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MS

Quant Time: Apr 26 02:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	367041	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	215492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141839	42.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.040%
7) Chloroethane-d5	1.883	69	116719	49.265	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.540%
11) 1,1-Dichloroethene-d2	2.562	63	243835	45.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.180%
21) 2-Butanone-d5	4.620	46	287867	99.998	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	5.063	84	285515	46.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
26) 1,2-Dichloroethane-d4	5.700	65	170261	46.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
32) Benzene-d6	5.726	84	577793	47.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	6.690	67	196944	48.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	7.896	98	532715	47.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.179	79	82167	45.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.635	63	232601	106.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350617	49.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	238684	49.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	127476	45.963	ug/L	99
3) Chloromethane	1.520	50	146787	46.240	ug/L	100
5) Vinyl chloride	1.604	62	152148	47.562	ug/L	99
6) Bromomethane	1.829	94	60125	40.896	ug/L	98
8) Chloroethane	1.909	64	93892	51.909	ug/L	99
9) Trichlorofluoromethane	2.124	101	201718	48.387	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	126291	45.675	ug/L	99
12) 1,1-Dichloroethene	2.575	96	114994	47.646	ug/L	97
13) Acetone	2.626	43	149823	81.069	ug/L	98
14) Carbon disulfide	2.787	76	270568	45.998	ug/L	99
15) Methyl Acetate	2.944	43	169235	46.131	ug/L	99
16) Methylene chloride	3.044	84	150097	48.238	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	118452	47.243	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	415426	50.217	ug/L	100
19) 1,1-Dichloroethane	3.867	63	249525	47.592	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	148336	49.081	ug/L	99
22) 2-Butanone	4.700	43	265420	97.123	ug/L	100
23) Bromochloromethane	4.976	128	82744	49.038	ug/L	98
25) Chloroform	5.086	83	259077	48.390	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048289.D
 Acq On : 25 Apr 2022 23:38
 Operator : SY/MD
 Sample : N2518-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MS

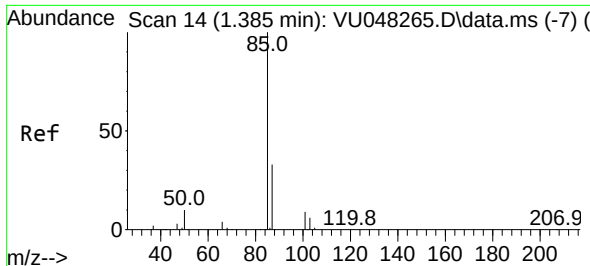
Quant Time: Apr 26 02:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	203666	52.153	ug/L	100
29) Cyclohexane	5.388	56	180774	49.125	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	210430	47.778	ug/L	100
31) Carbon tetrachloride	5.523	117	174899	46.592	ug/L	99
33) Benzene	5.774	78	571041	49.521	ug/L	100
34) Trichloroethene	6.542	95	137087	48.502	ug/L	99
35) Methylcyclohexane	6.761	83	191032	48.141	ug/L	99
37) 1,2-Dichloropropane	6.790	63	159091	48.491	ug/L	100
38) Bromodichloromethane	7.105	83	195448	47.173	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	213887	46.362	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	525835	106.265	ug/L	99
42) Toluene	7.970	91	600129	49.571	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	208443	46.250	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	168226	48.872	ug/L	99
46) Tetrachloroethene	8.552	164	110143	45.406	ug/L	99
48) 2-Hexanone	8.687	43	436543	105.645	ug/L	100
49) Dibromochloromethane	8.812	129	177306	46.876	ug/L	99
50) 1,2-Dibromoethane	8.925	107	172765	49.494	ug/L	100
51) Chlorobenzene	9.446	112	421276	48.276	ug/L	100
52) Ethylbenzene	9.571	91	641980	51.203	ug/L	100
53) m,p-Xylene	9.693	106	256438	51.829	ug/L	100
54) o-Xylene	10.102	106	265458	53.258	ug/L	99
55) Styrene	10.115	104	458430	53.989	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	336313	49.505	ug/L	100
59) Bromoform	10.291	173	156926	50.178	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	255338	50.792	ug/L	100
61) Isopropylbenzene	10.484	105	640195	53.133	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	340307	53.587	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	535254	54.822	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	334949	49.585	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	334098	48.447	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	351210	49.355	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	66033	49.205	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	236661	47.148	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	187515	47.287	ug/L	99
71) Naphthalene	14.085	128	578107	50.941	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	200953	49.447	ug/L	99

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

Quant Time: Apr 26 02:49:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration

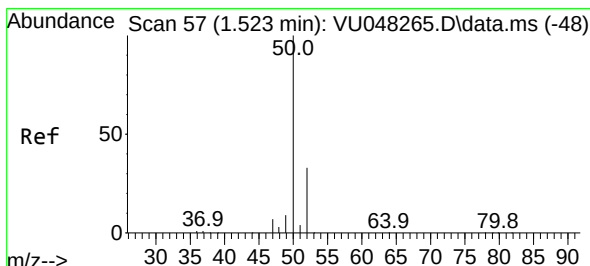
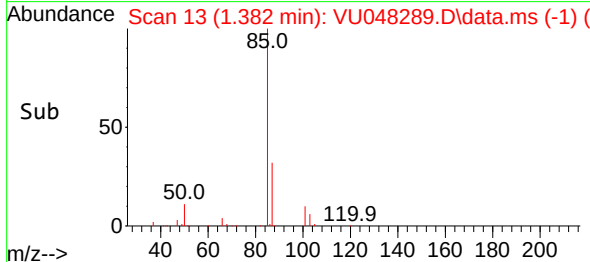
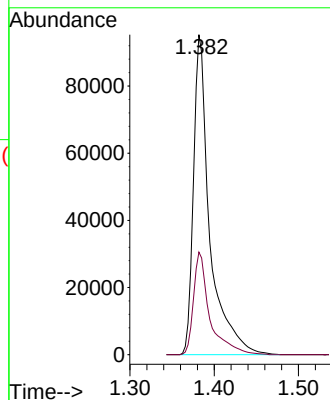
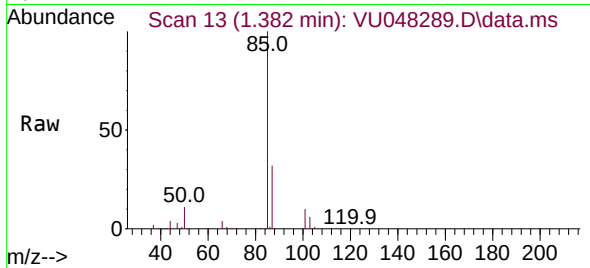




#2
Dichlorodifluoromethane
Concen: 45.963 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

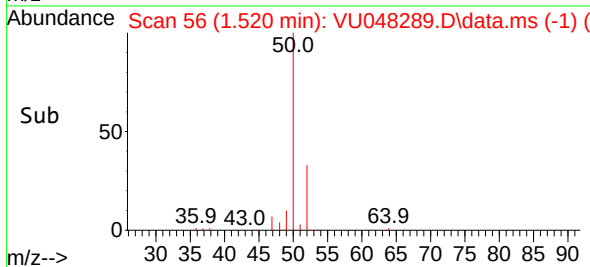
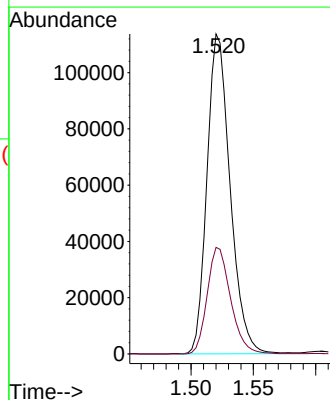
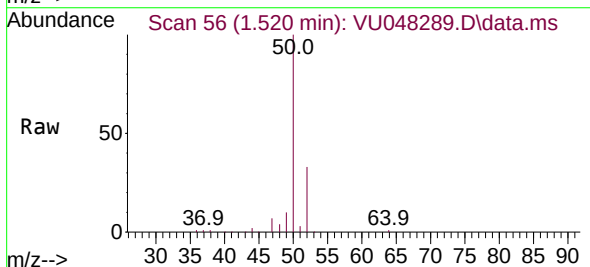
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

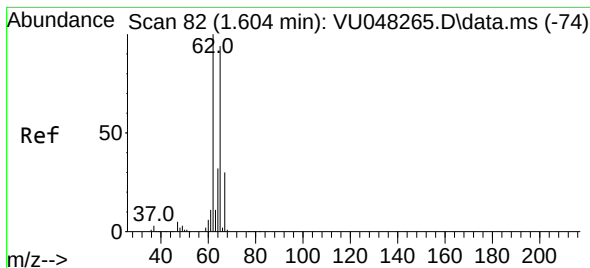
Tgt Ion: 85 Resp: 127476
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 46.240 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 50 Resp: 146787
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2





#5

Vinyl chloride

Concen: 47.562 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

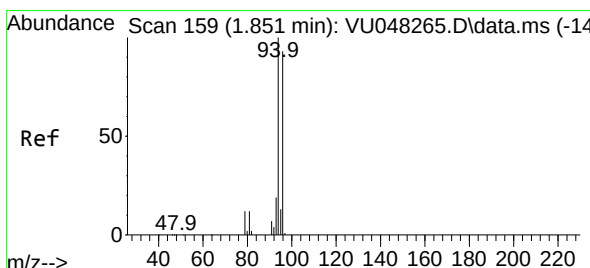
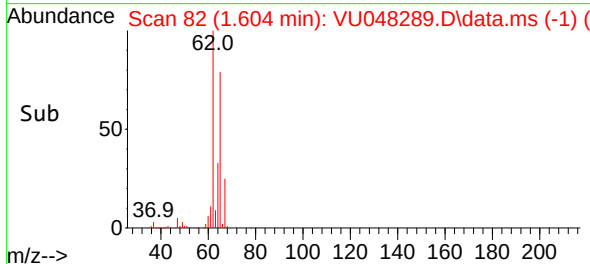
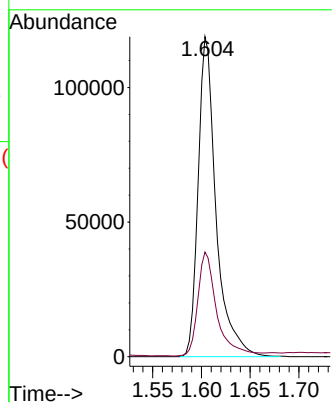
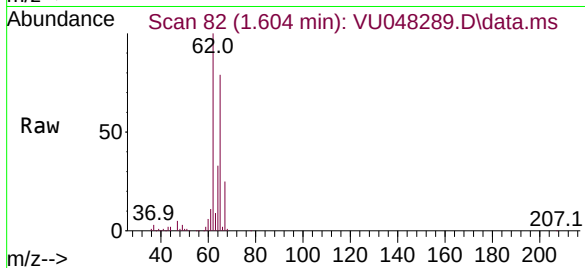
EXES2MS

Tgt Ion: 62 Resp: 152148

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 40.896 ug/L

RT: 1.829 min Scan# 152

Delta R.T. -0.023 min

Lab File: VU048289.D

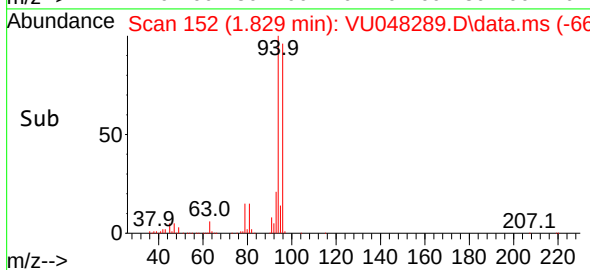
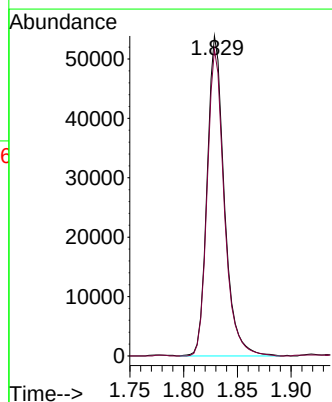
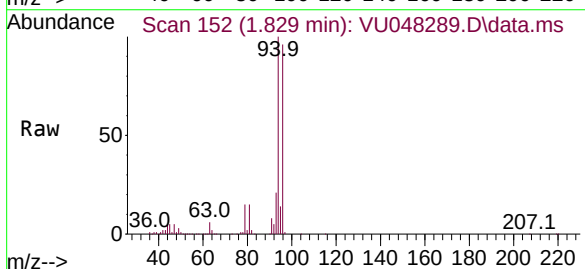
Acq: 25 Apr 2022 23:38

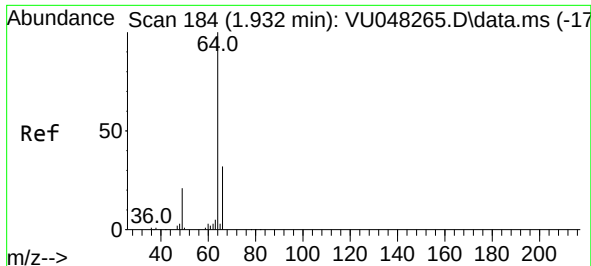
Tgt Ion: 94 Resp: 60125

Ion Ratio Lower Upper

94 100

96 95.7 65.8 122.2

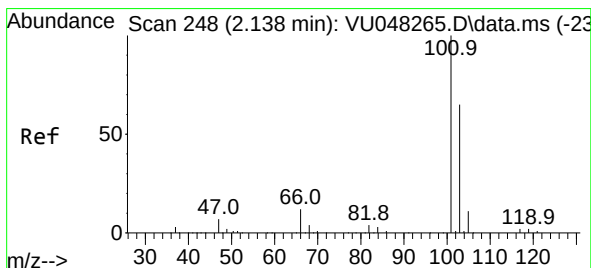
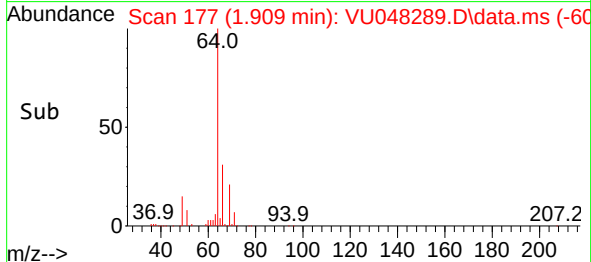
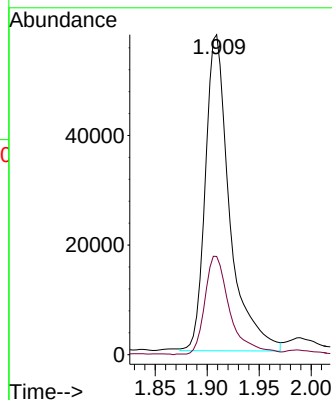
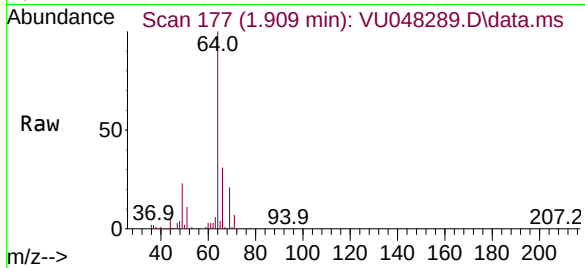




#8
Chloroethane
Concen: 51.909 ug/L
RT: 1.909 min Scan# 11
Delta R.T. -0.023 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

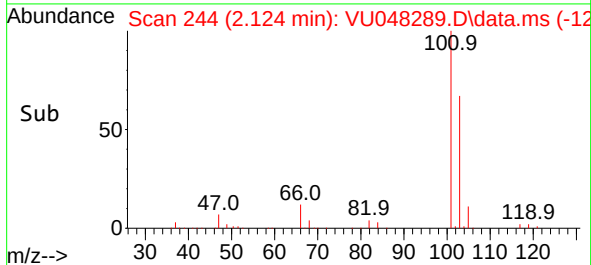
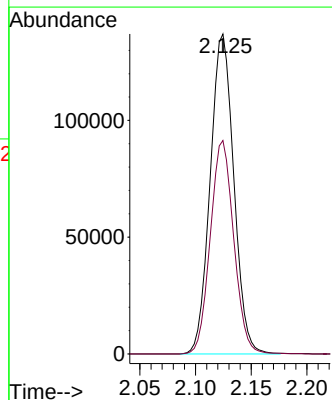
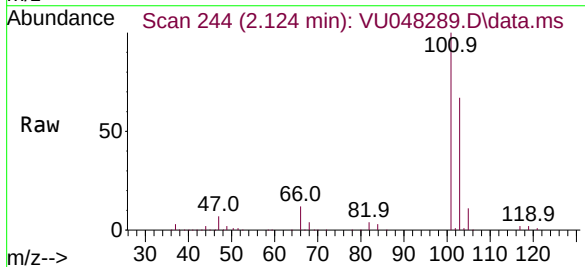
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

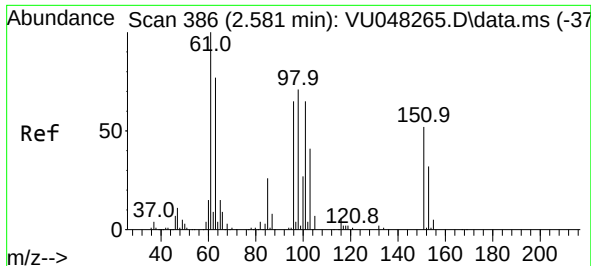
Tgt Ion: 64 Resp: 93892
Ion Ratio Lower Upper
64 100
66 30.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 48.387 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.013 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 101 Resp: 201718
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9

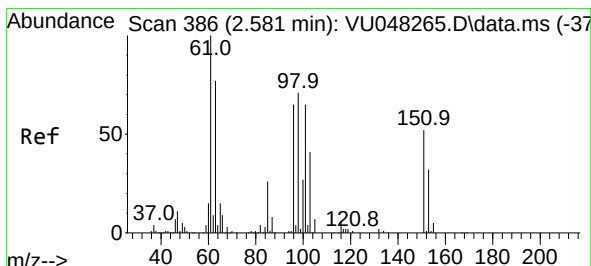
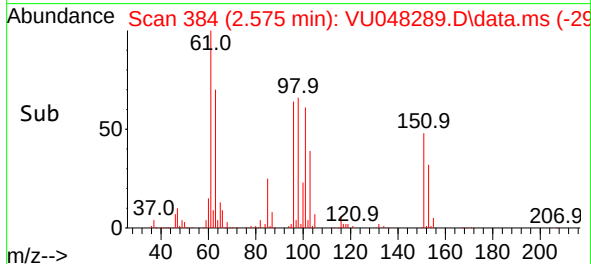
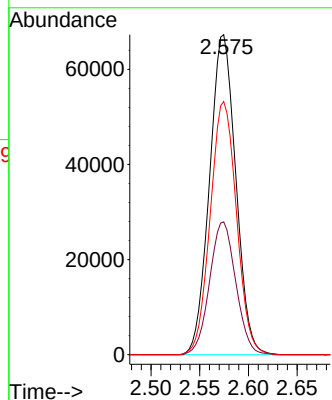
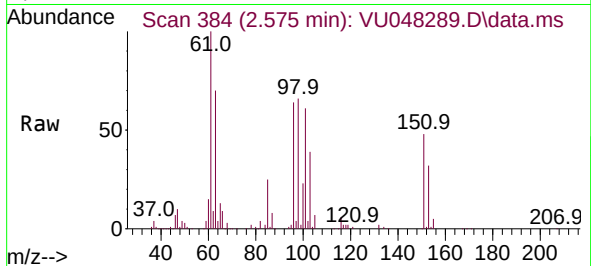




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.675 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

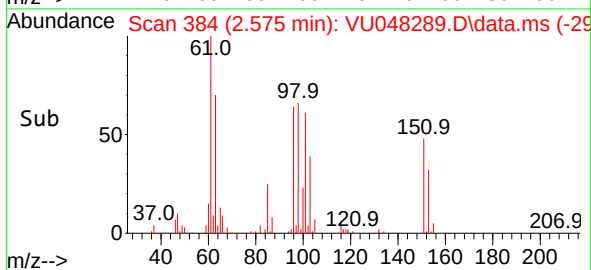
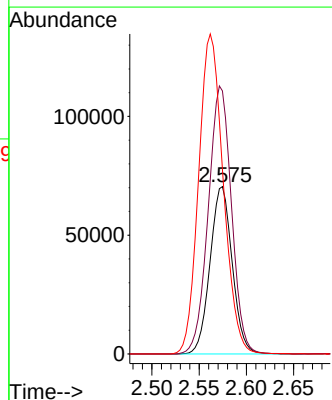
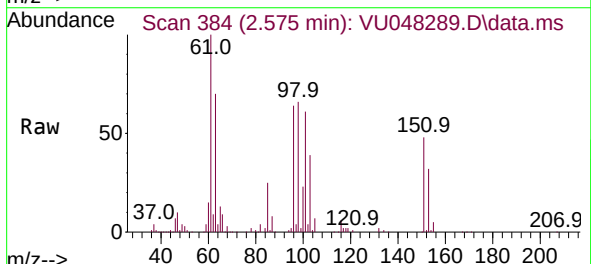
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

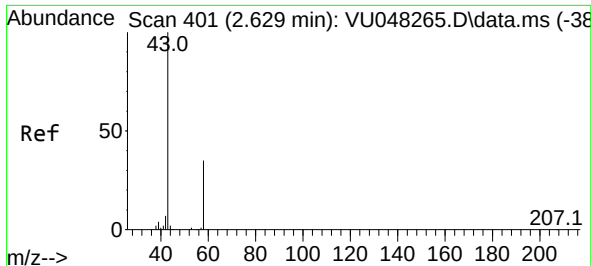
Tgt Ion:101 Resp: 126291
Ion Ratio Lower Upper
101 100
85 41.4 32.6 48.8
151 79.1 64.1 96.1



#12
1,1-Dichloroethene
Concen: 47.646 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 96 Resp: 114994
Ion Ratio Lower Upper
96 100
61 157.2 107.9 200.3
63 110.3 80.3 149.1





#13

Acetone

Concen: 81.069 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

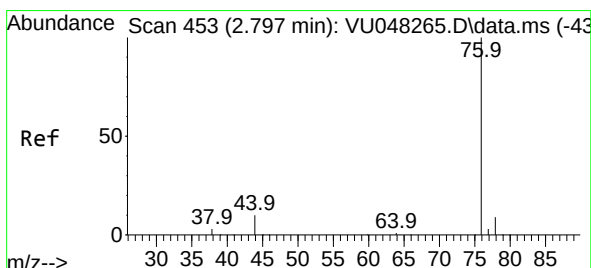
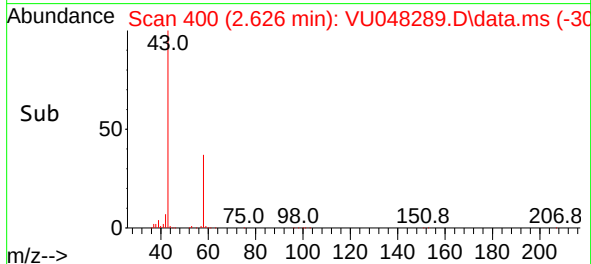
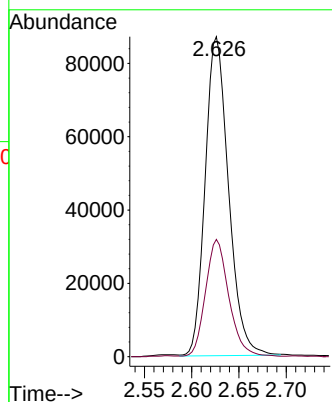
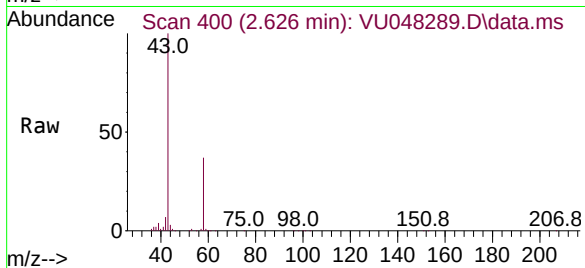
EXES2MS

Tgt Ion: 43 Resp: 149823

Ion Ratio Lower Upper

43 100

58 36.9 0.0 71.2



#14

Carbon disulfide

Concen: 45.998 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.010 min

Lab File: VU048289.D

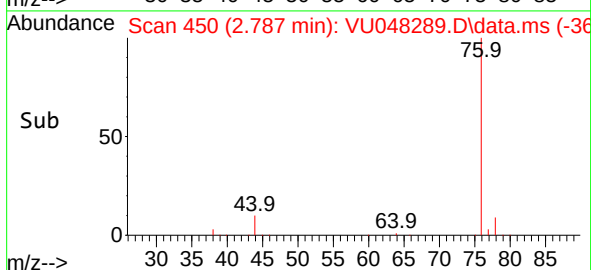
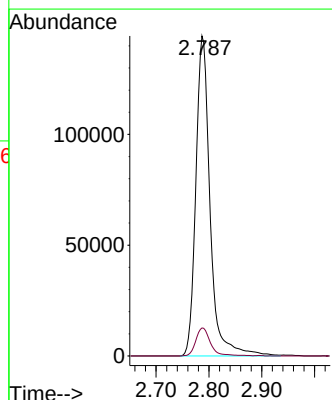
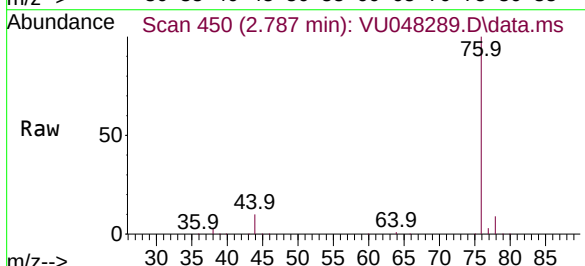
Acq: 25 Apr 2022 23:38

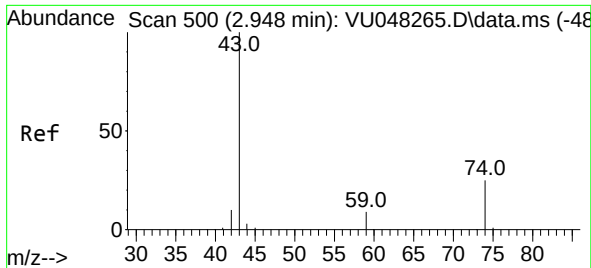
Tgt Ion: 76 Resp: 270568

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

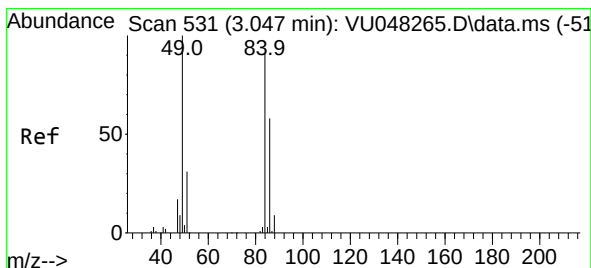
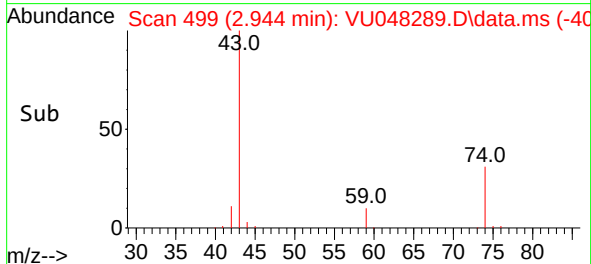
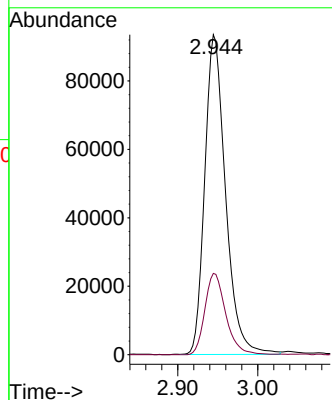
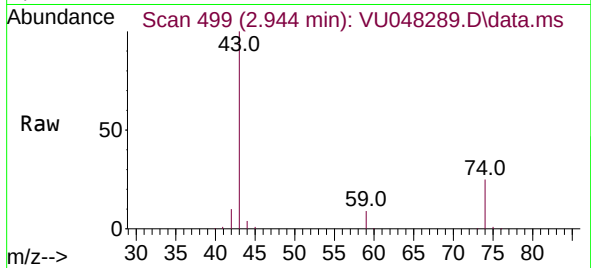




#15
Methyl Acetate
Concen: 46.131 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

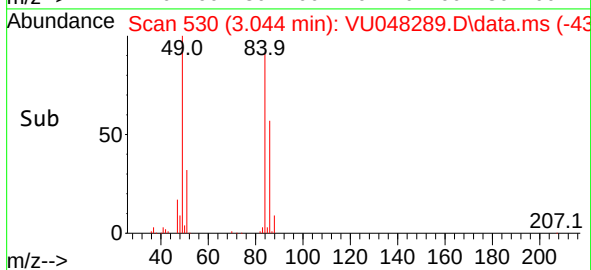
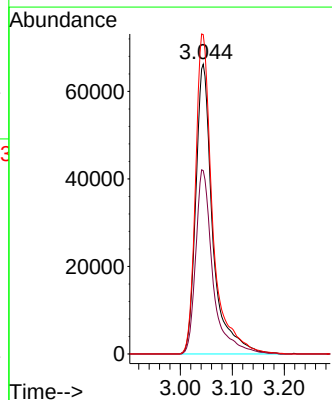
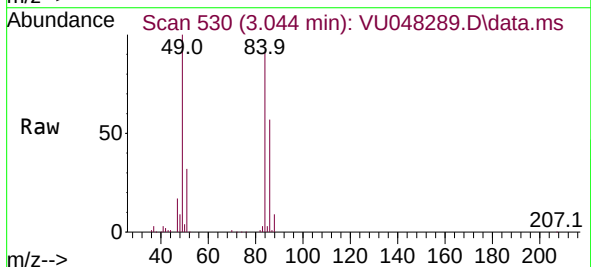
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

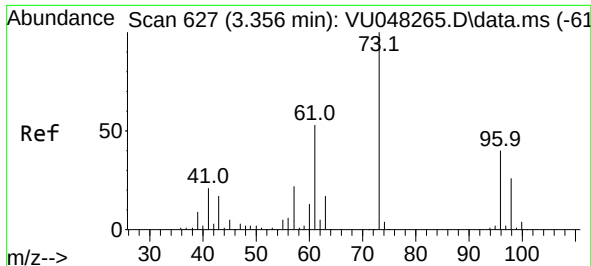
Tgt Ion: 43 Resp: 169235
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.6



#16
Methylene chloride
Concen: 48.238 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 84 Resp: 150097
Ion Ratio Lower Upper
84 100
86 63.3 45.4 84.2
49 110.3 79.2 147.0

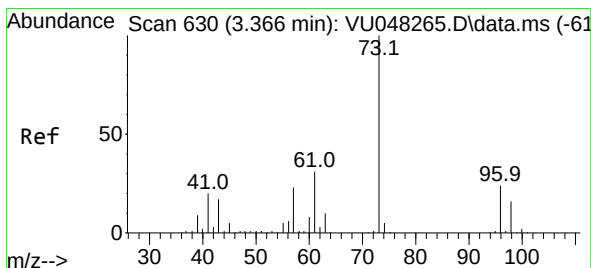
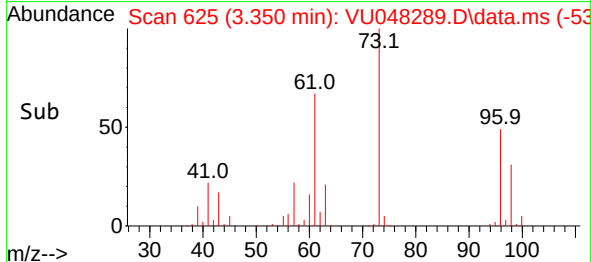
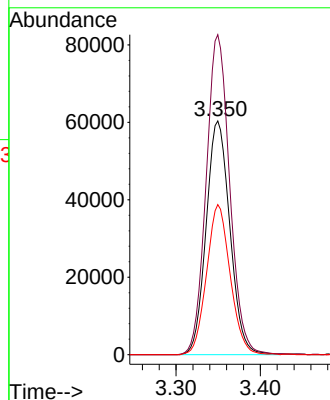
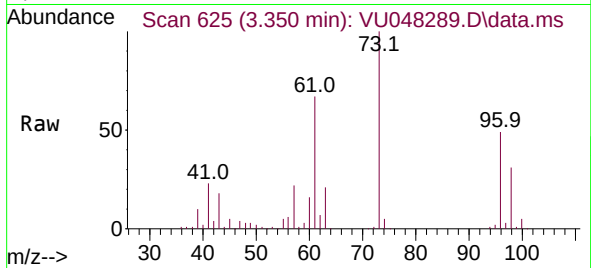




#17
trans-1,2-Dichloroethene
Concen: 47.243 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

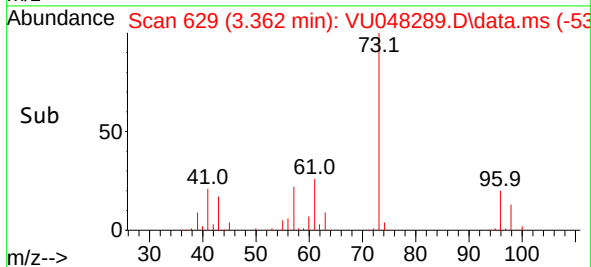
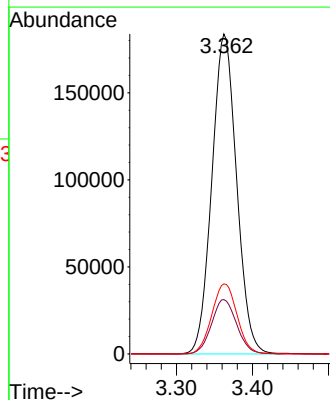
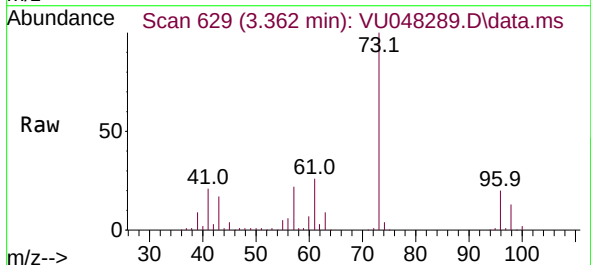
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

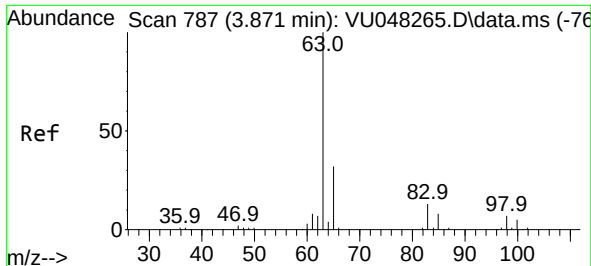
Tgt Ion: 96 Resp: 118452
Ion Ratio Lower Upper
96 100
61 136.9 95.2 176.8
98 64.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 50.217 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 73 Resp: 415426
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 22.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 47.592 ug/L

RT: 3.867 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

EXES2MS

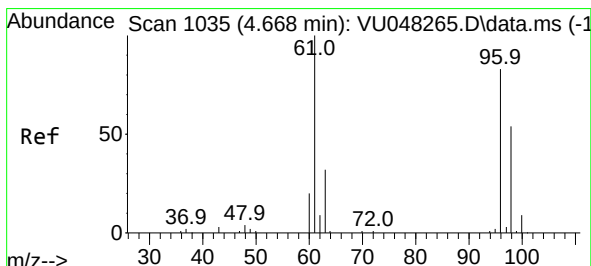
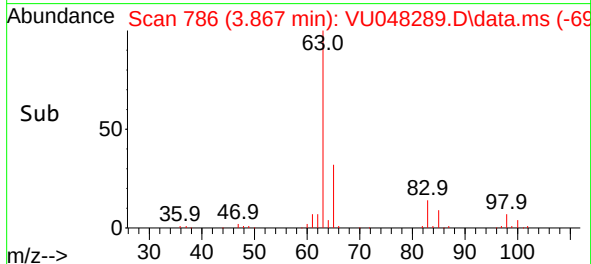
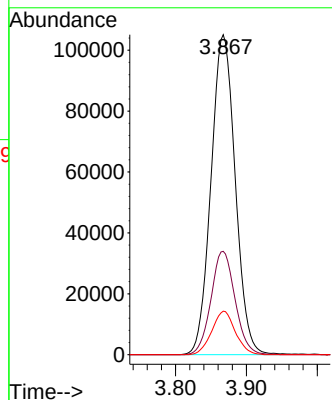
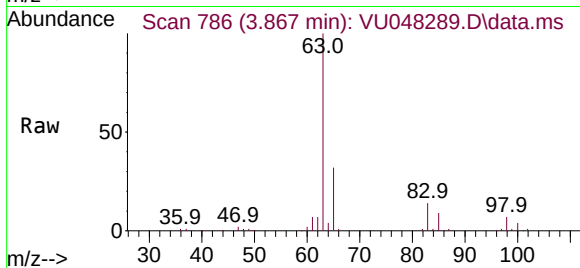
Tgt Ion: 63 Resp: 249525

Ion Ratio Lower Upper

63 100

65 32.3 22.0 40.8

83 13.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 49.081 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

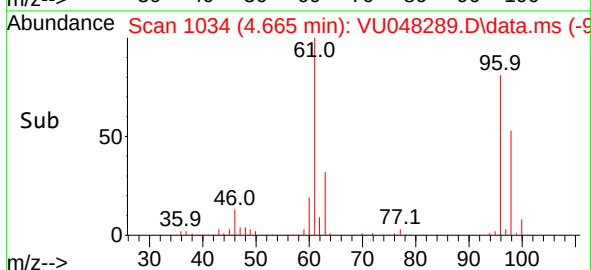
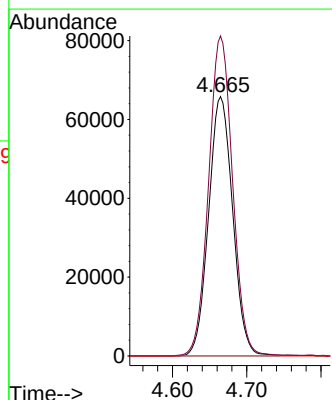
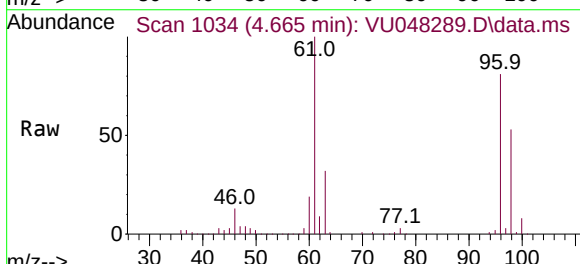
Tgt Ion: 96 Resp: 148336

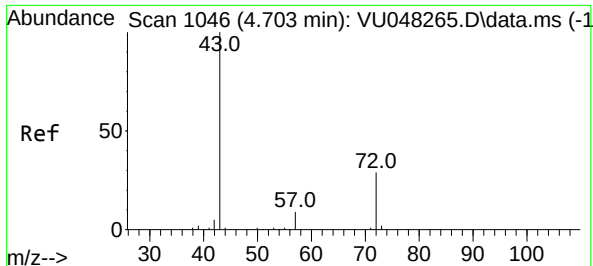
Ion Ratio Lower Upper

96 100

61 123.4 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.123 ug/L

RT: 4.700 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

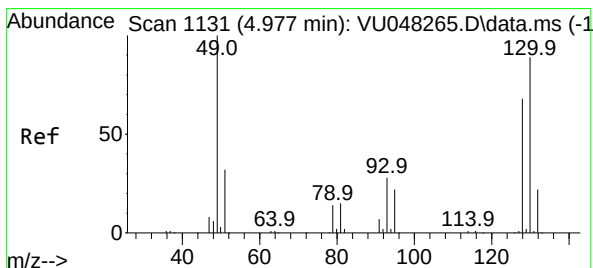
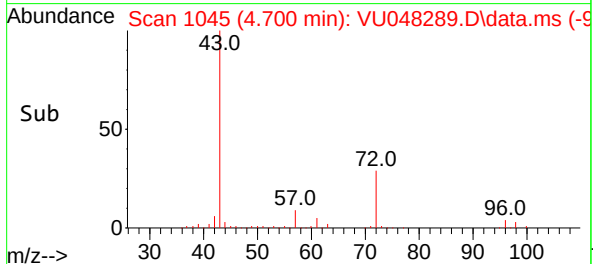
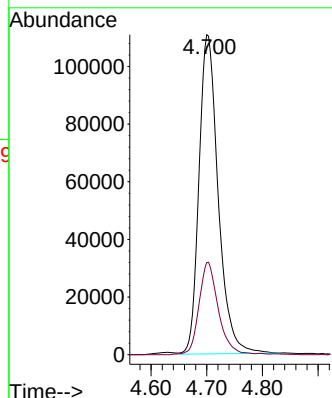
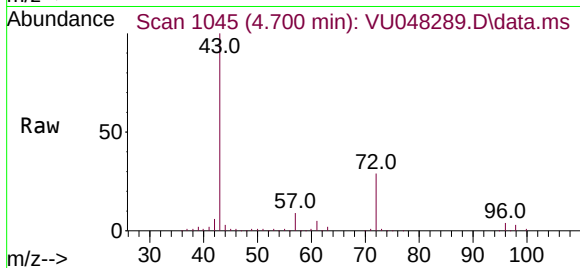
EXES2MS

Tgt Ion: 43 Resp: 265420

Ion Ratio Lower Upper

43 100

72 29.0 14.6 43.8



#23

Bromochloromethane

Concen: 49.038 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Tgt Ion: 128 Resp: 82744

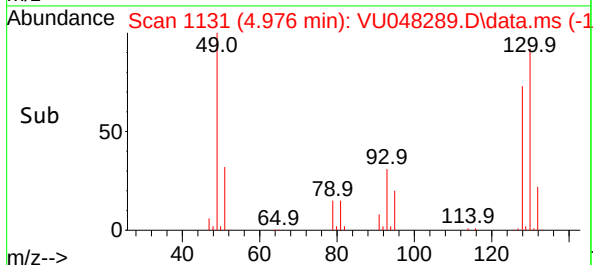
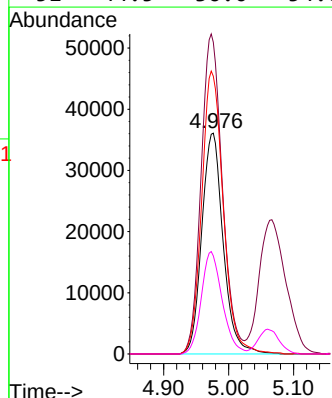
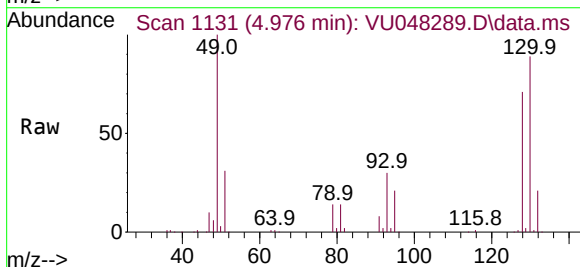
Ion Ratio Lower Upper

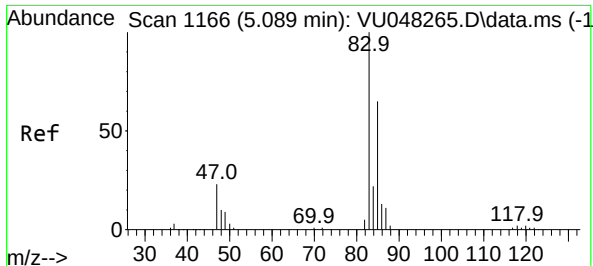
128 100

49 141.2 101.3 188.1

130 125.8 89.0 165.2

51 44.5 36.0 54.0





#25

Chloroform

Concen: 48.390 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

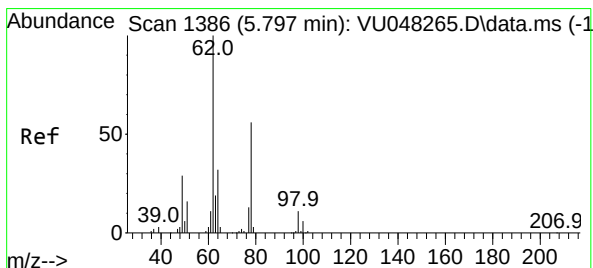
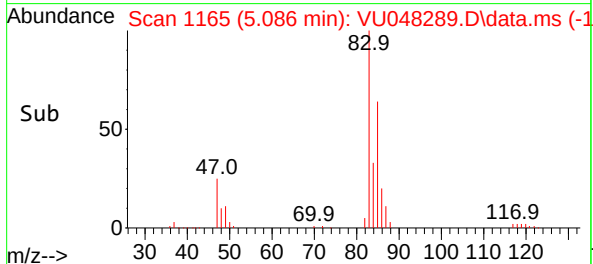
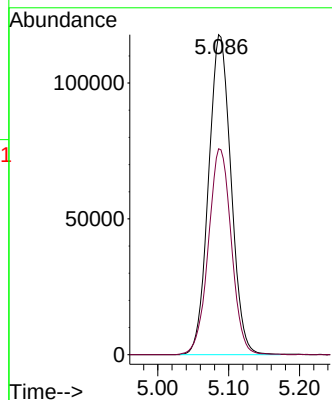
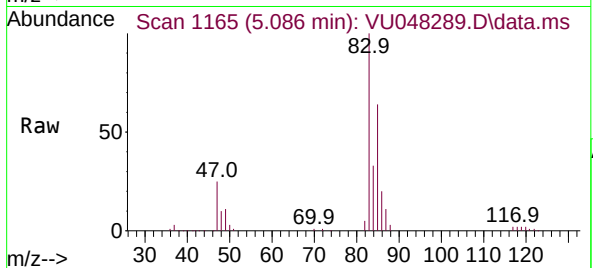
EXES2MS

Tgt Ion: 83 Resp: 259077

Ion Ratio Lower Upper

83 100

85 64.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.153 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048289.D

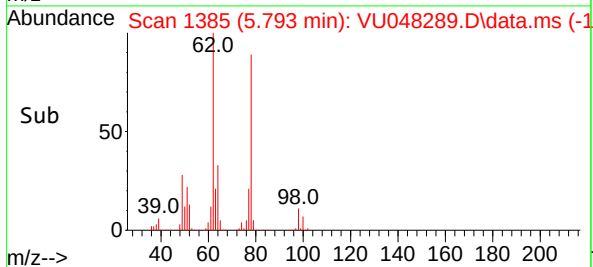
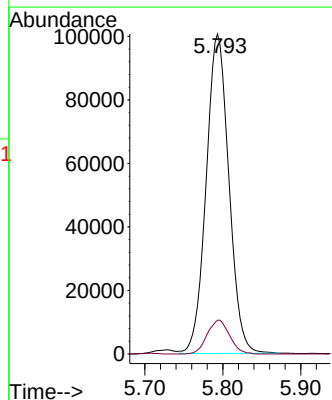
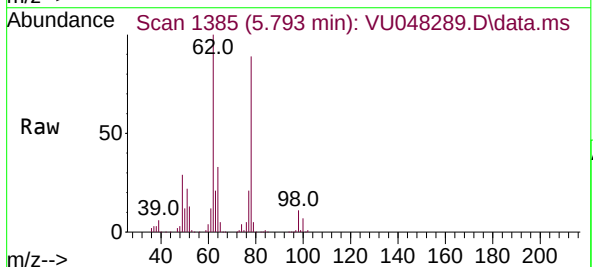
Acq: 25 Apr 2022 23:38

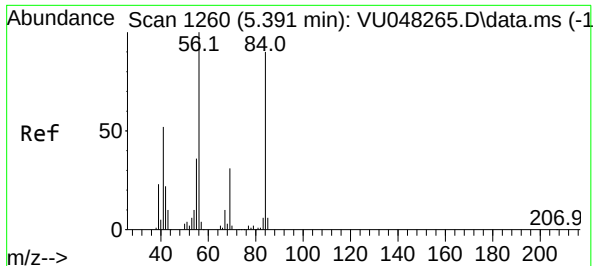
Tgt Ion: 62 Resp: 203666

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 49.125 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

EXES2MS

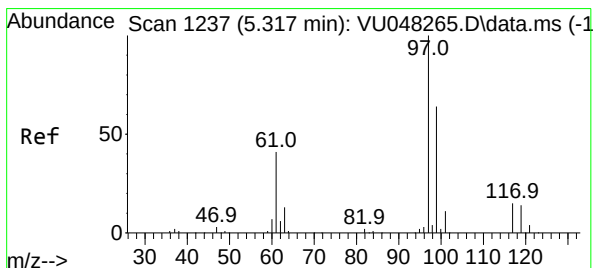
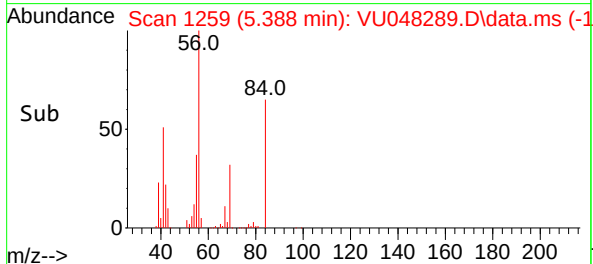
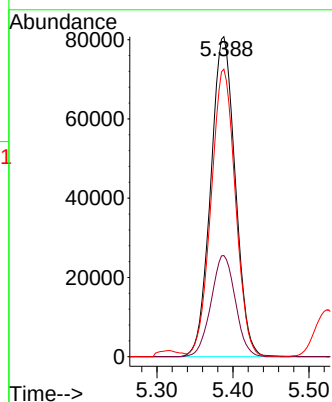
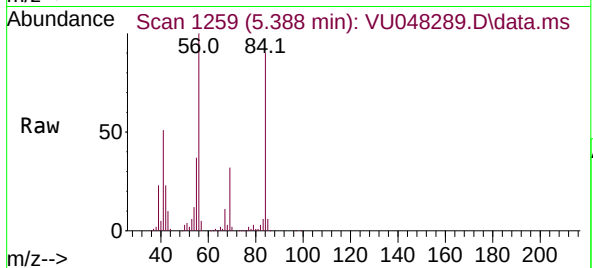
Tgt Ion: 56 Resp: 180774

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.4

84 89.2 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 47.778 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

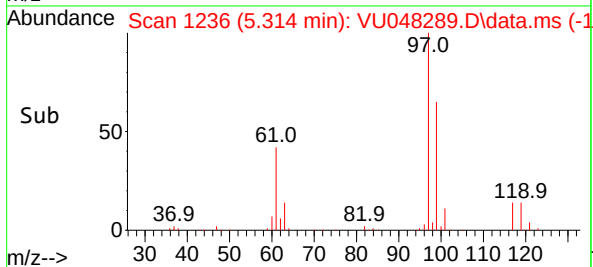
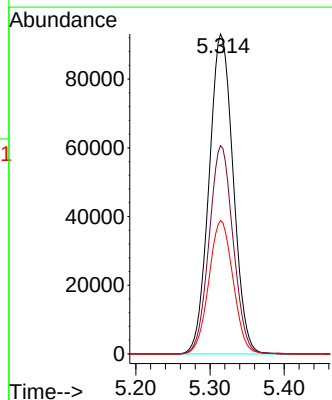
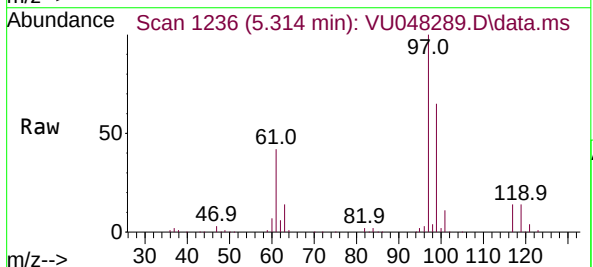
Tgt Ion: 97 Resp: 210430

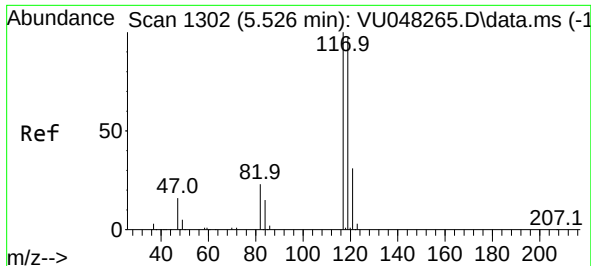
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 41.9 33.9 50.9

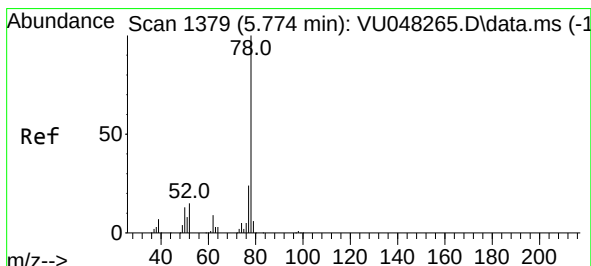
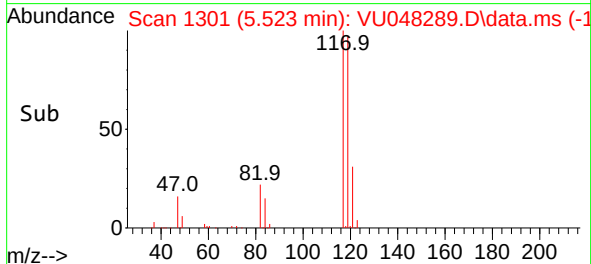
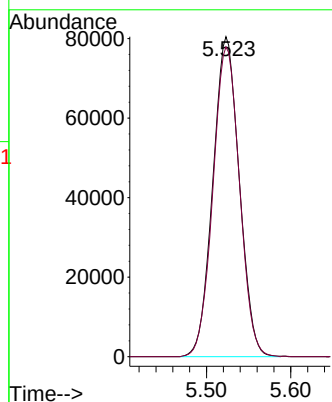
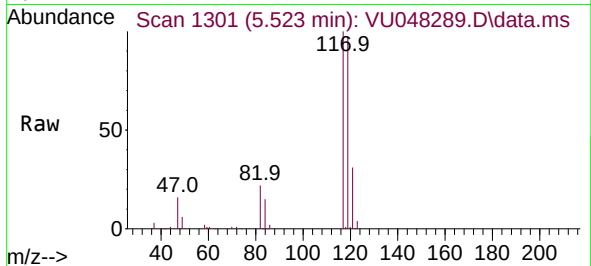




#31
Carbon tetrachloride
Concen: 46.592 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

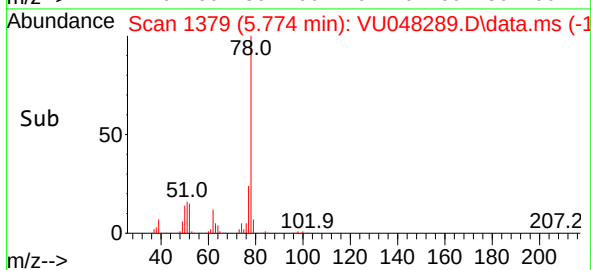
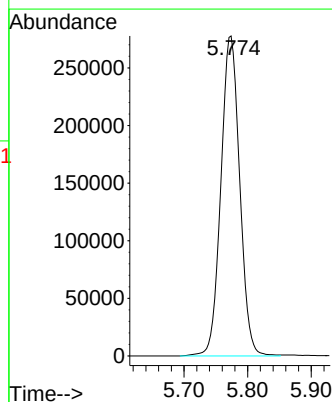
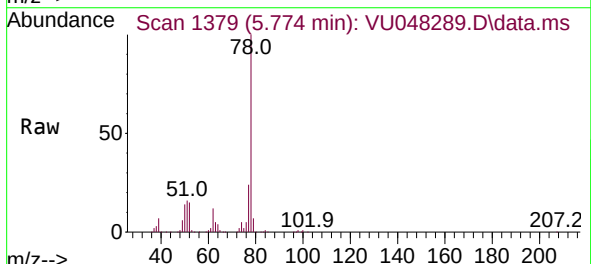
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

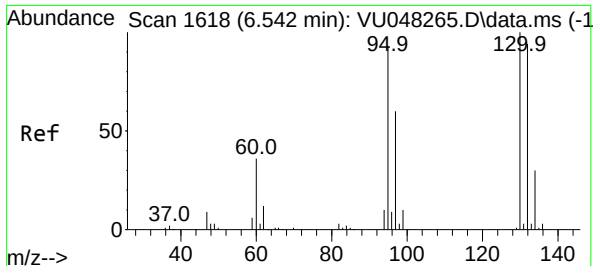
Tgt Ion:117 Resp: 174899
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7



#33
Benzene
Concen: 49.521 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 78 Resp: 571041

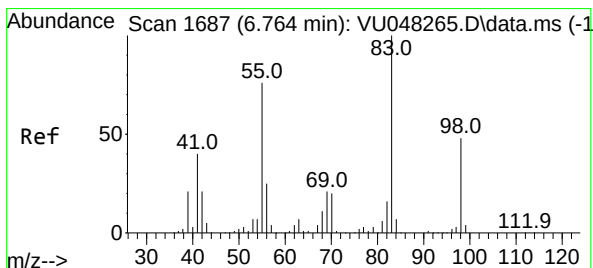
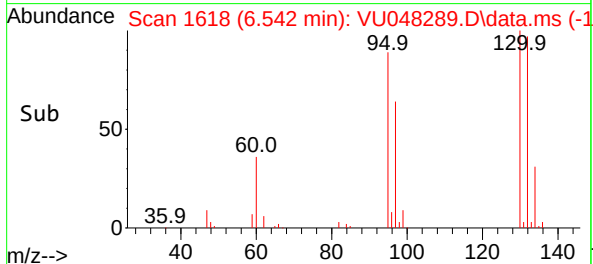
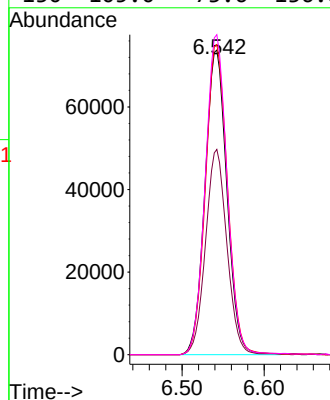
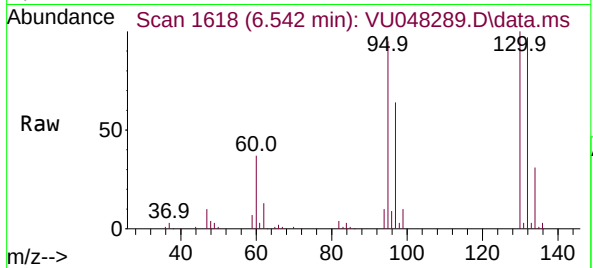




#34
Trichloroethene
Concen: 48.502 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

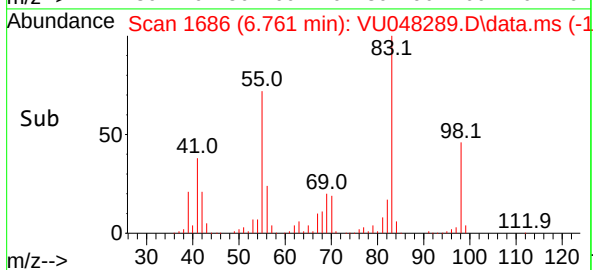
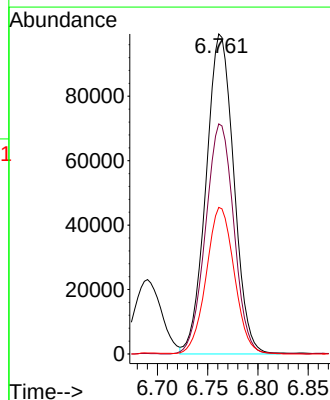
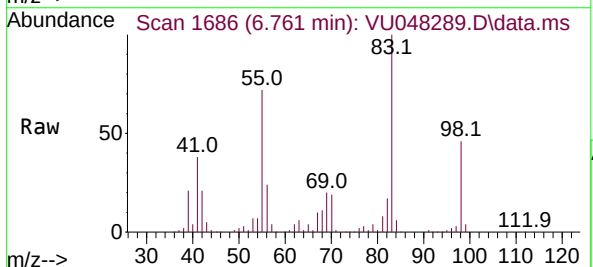
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

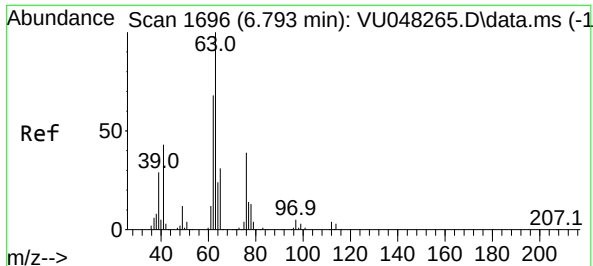
Tgt Ion: 95 Resp: 137087
Ion Ratio Lower Upper
95 100
97 67.4 45.8 85.2
132 101.8 71.6 133.0
130 105.0 73.6 136.8



#35
Methylcyclohexane
Concen: 48.141 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 83 Resp: 191032
Ion Ratio Lower Upper
83 100
55 73.2 59.4 89.2
98 46.3 37.3 55.9





#37

1,2-Dichloropropane

Concen: 48.491 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

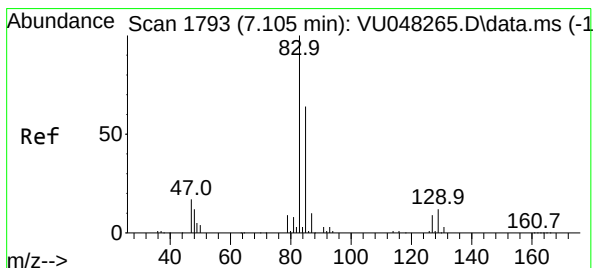
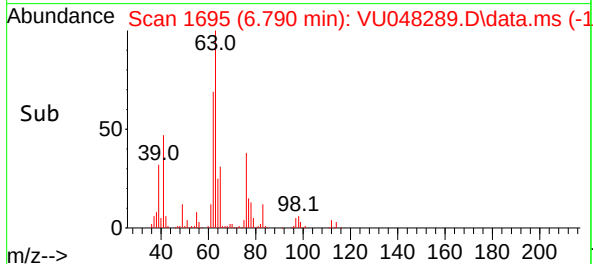
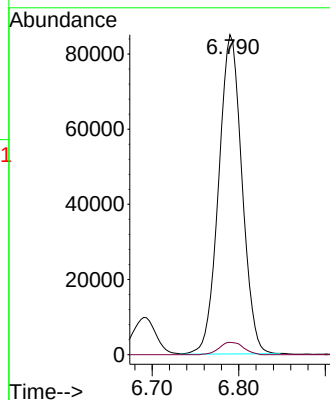
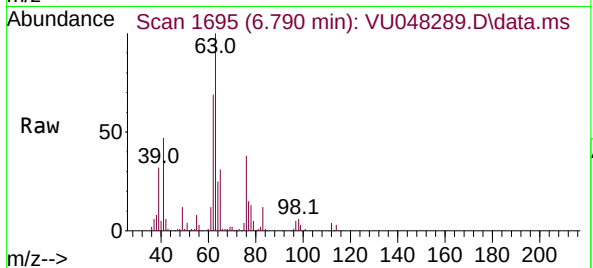
EXES2MS

Tgt Ion: 63 Resp: 159091

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 47.173 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

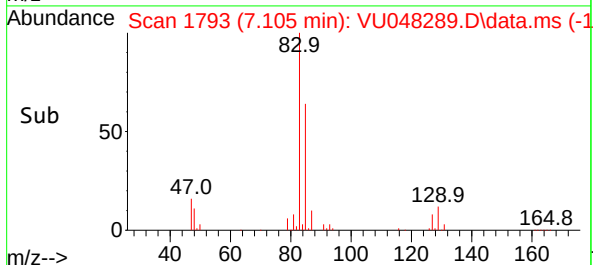
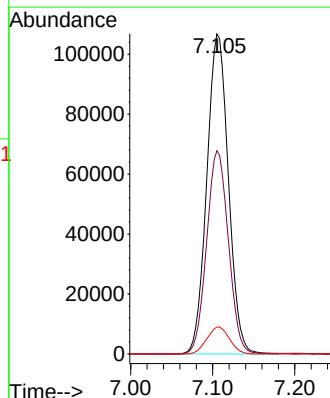
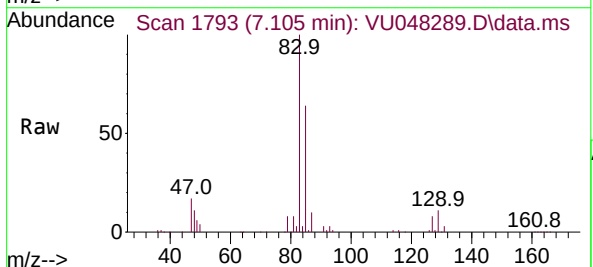
Tgt Ion: 83 Resp: 195448

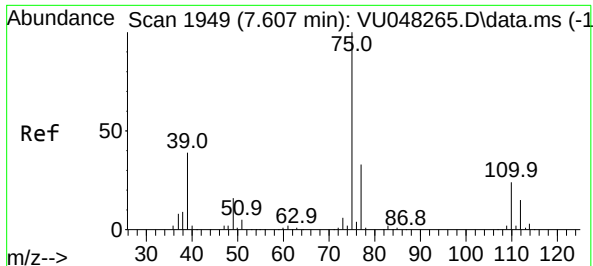
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 46.362 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

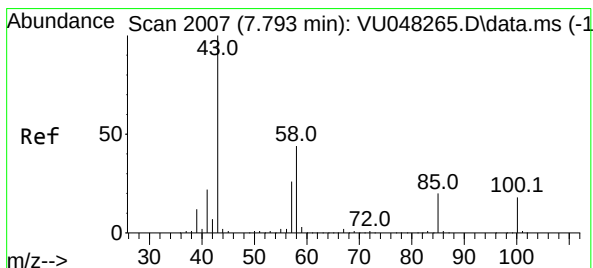
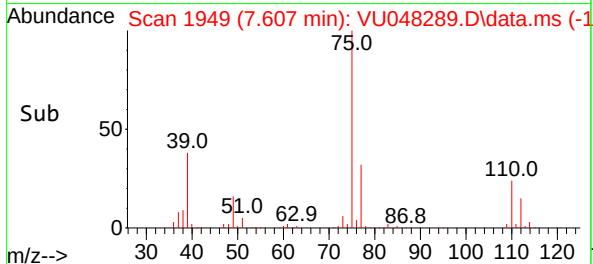
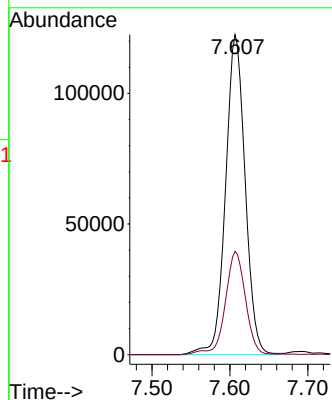
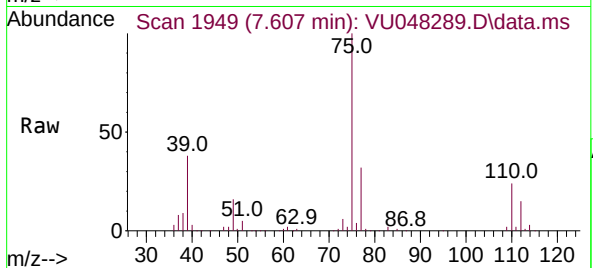
EXES2MS

Tgt Ion: 75 Resp: 213887

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 106.265 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

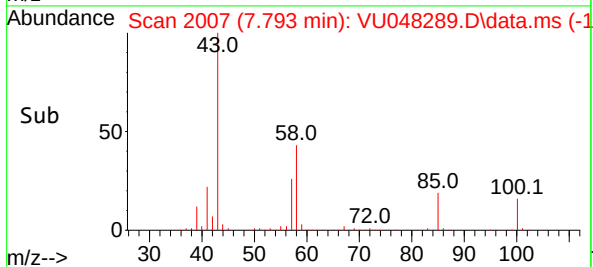
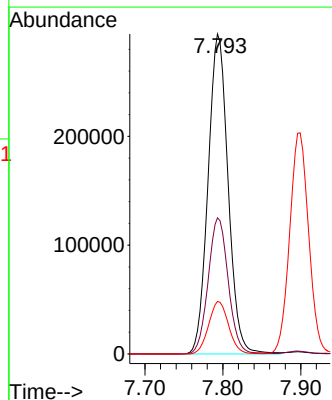
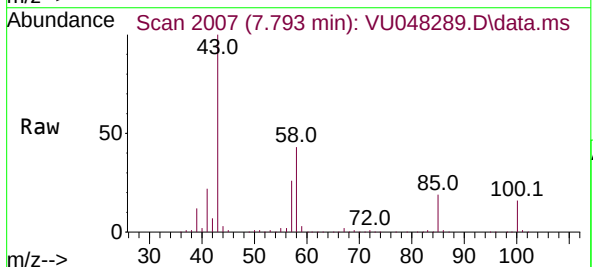
Tgt Ion: 43 Resp: 525835

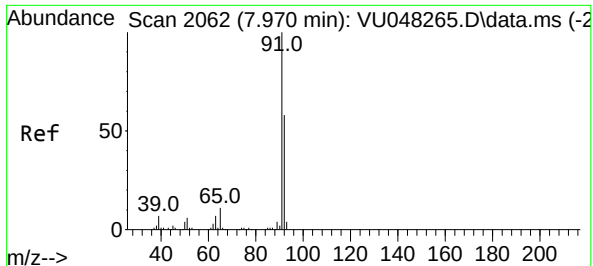
Ion Ratio Lower Upper

43 100

58 42.7 34.4 51.6

100 16.4 13.6 20.4





#42

Toluene

Concen: 49.571 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

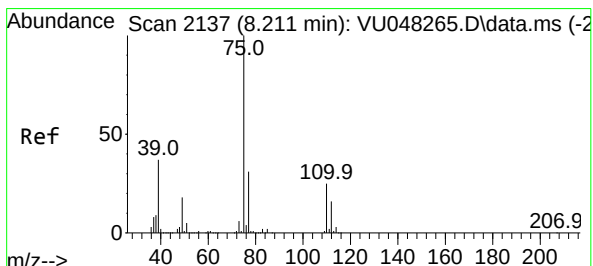
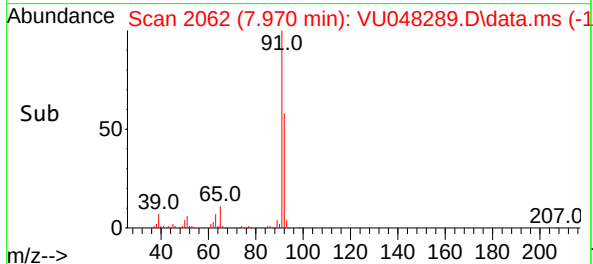
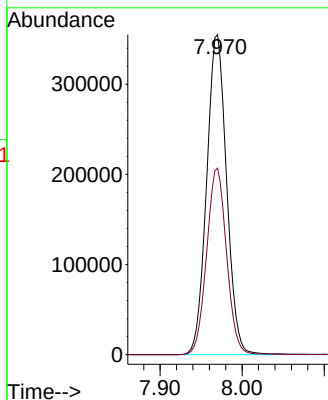
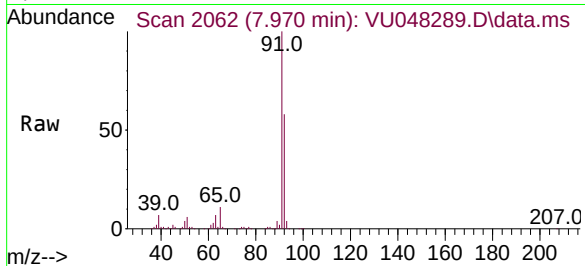
EXES2MS

Tgt Ion: 91 Resp: 600129

Ion Ratio Lower Upper

91 100

92 58.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 46.250 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048289.D

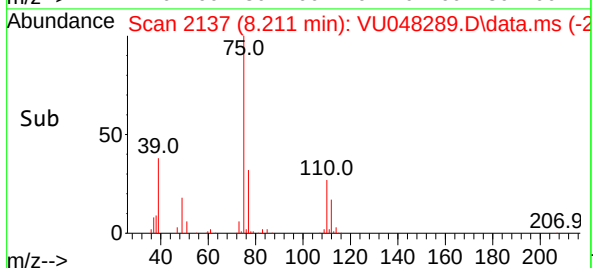
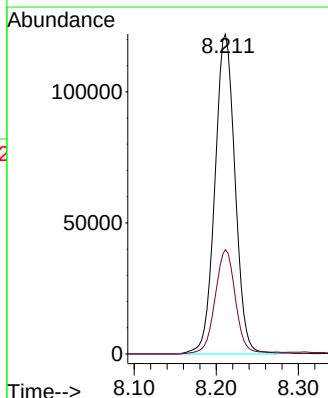
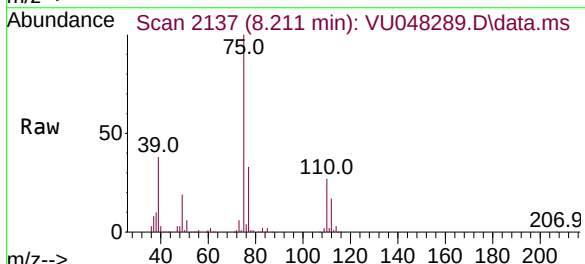
Acq: 25 Apr 2022 23:38

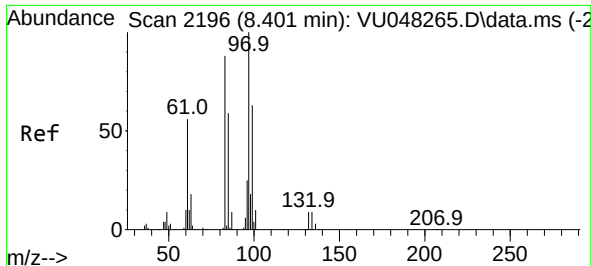
Tgt Ion: 75 Resp: 208443

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1

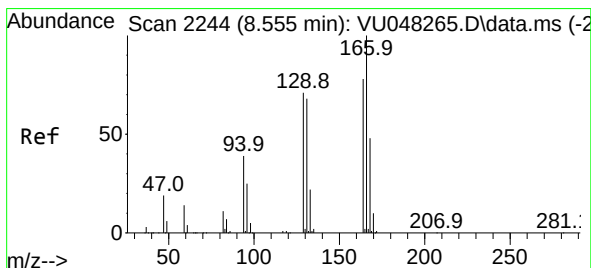
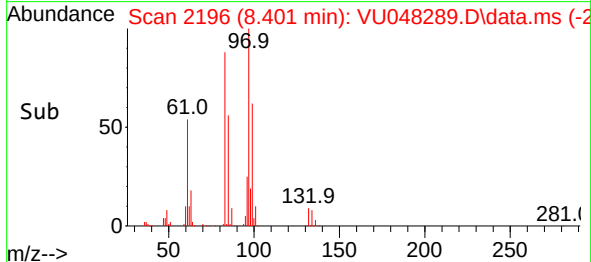
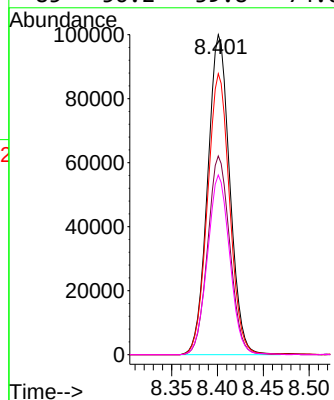
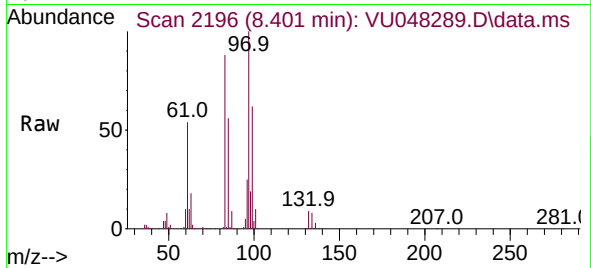




#45
1,1,2-Trichloroethane
Concen: 48.872 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

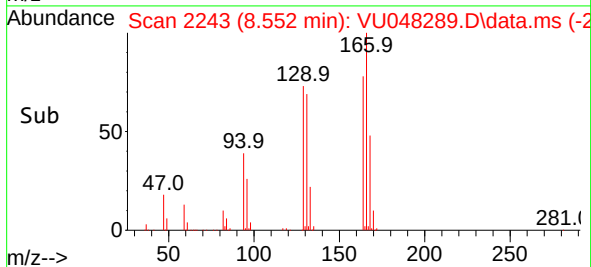
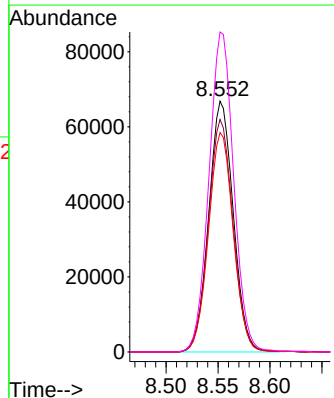
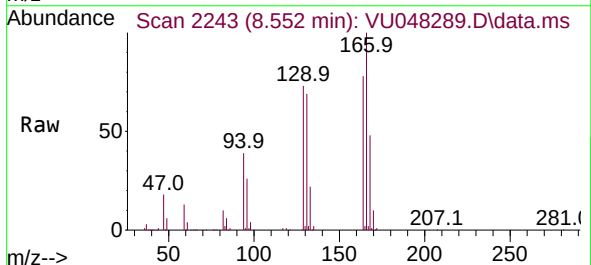
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

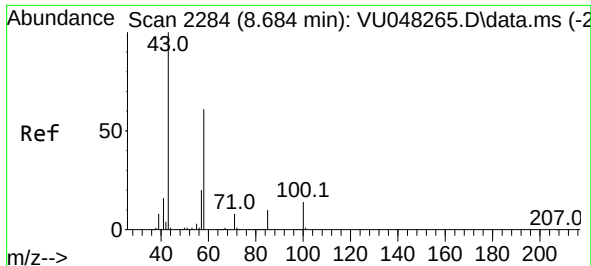
Tgt Ion: 97	Resp: 168226
Ion Ratio	Lower Upper
97 100	
99 62.1	43.7 81.1
83 87.8	62.6 116.2
85 56.2	39.8 74.0



#46
Tetrachloroethene
Concen: 45.406 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt	Ion:164	Resp:	110143
Ion	Ratio	Lower	Upper
164	100		
129	92.7	63.3	117.7
131	87.5	61.2	113.6
166	127.6	88.9	165.1

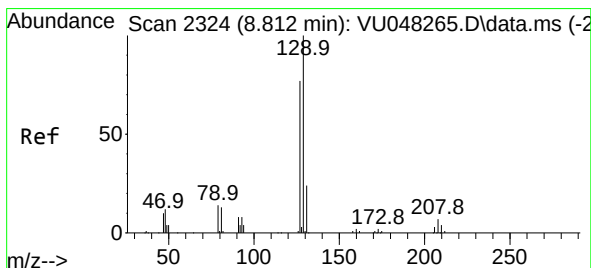
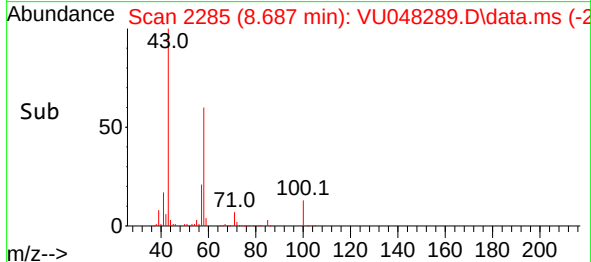
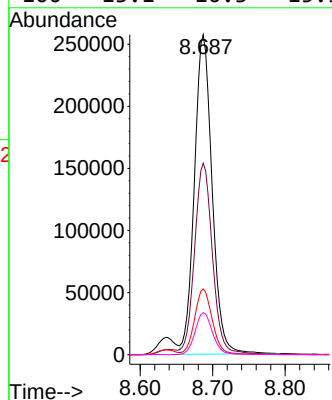
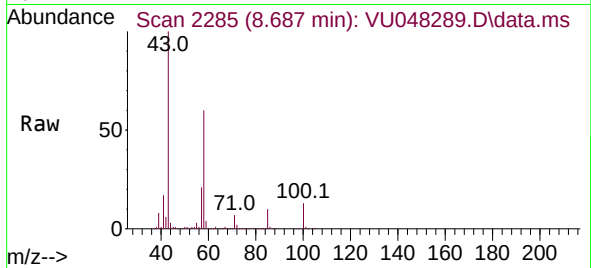




#48
2-Hexanone
Concen: 105.645 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

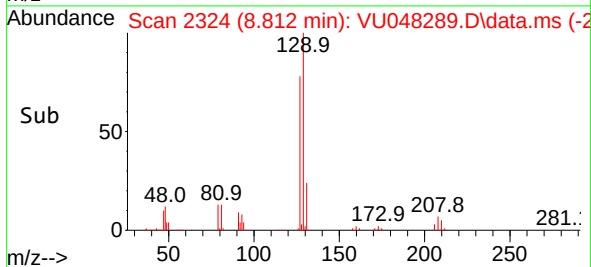
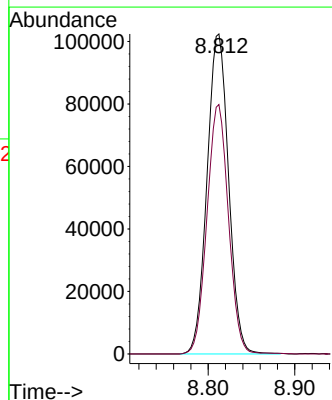
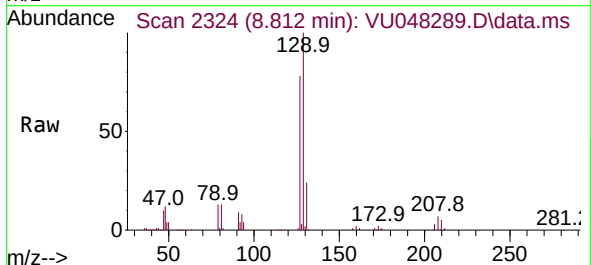
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

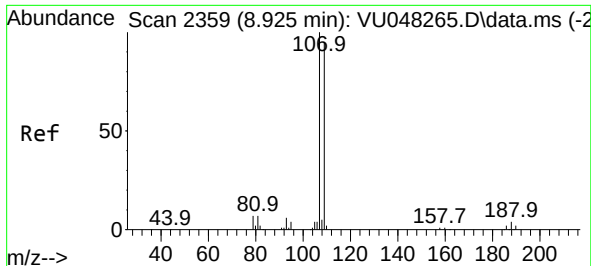
Tgt Ion: 43 Resp: 436543
Ion Ratio Lower Upper
43 100
58 60.0 48.1 72.1
57 20.5 16.2 24.4
100 13.1 10.3 15.5



#49
Dibromochloromethane
Concen: 46.876 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 129 Resp: 177306
Ion Ratio Lower Upper
129 100
127 77.9 53.8 99.8

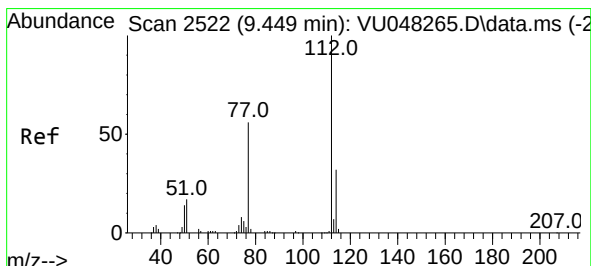
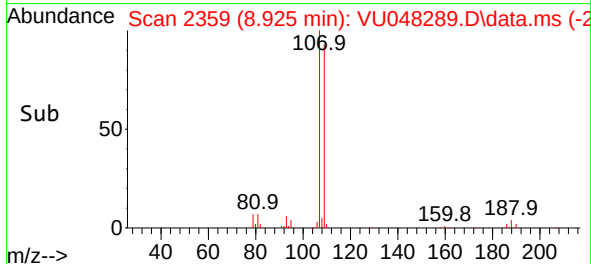
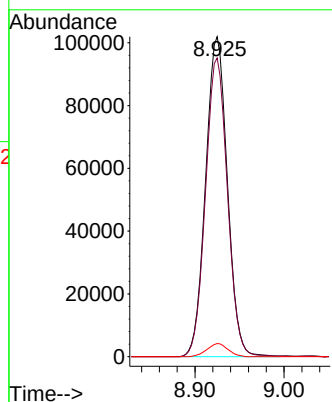
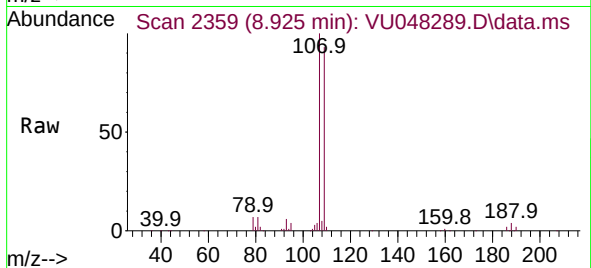




#50
1,2-Dibromoethane
Concen: 49.494 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

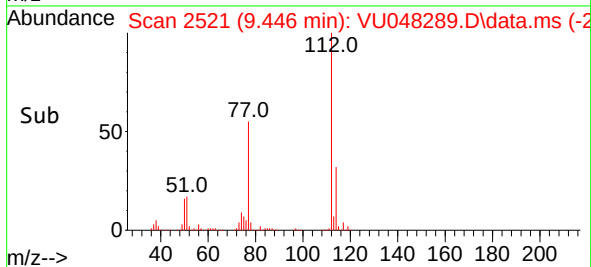
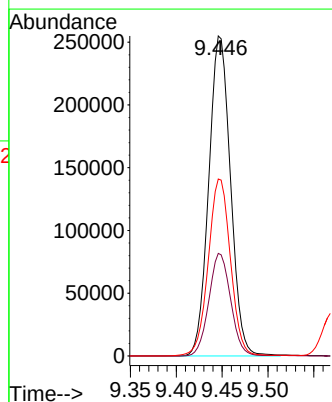
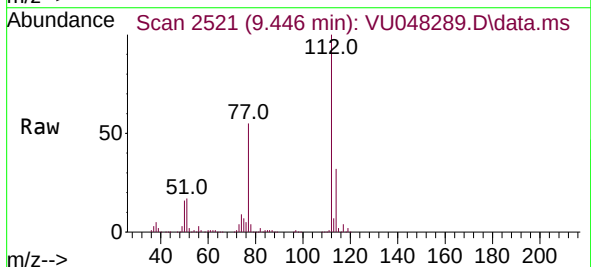
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

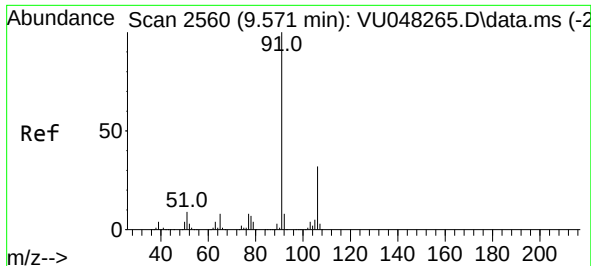
Tgt Ion:107 Resp: 172765
Ion Ratio Lower Upper
107 100
109 93.4 65.0 120.8
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 48.276 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:112 Resp: 421276
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 55.3 44.3 66.5

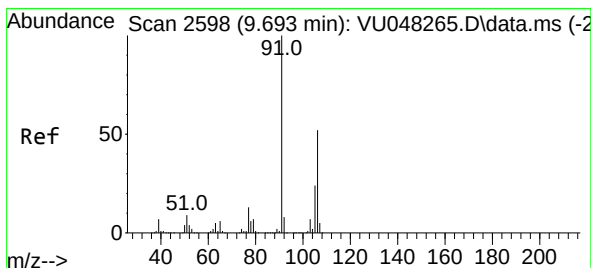
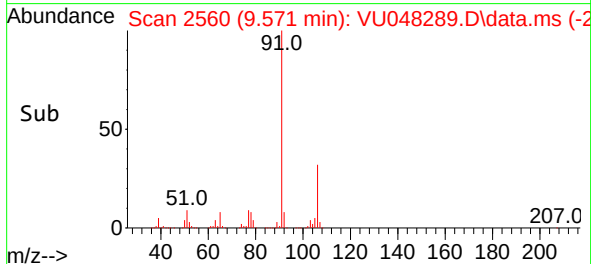
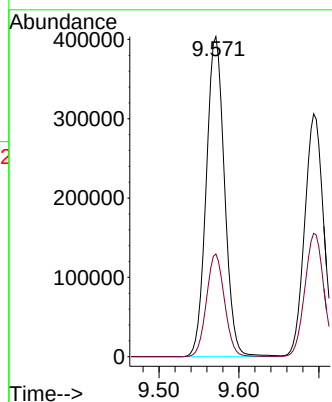
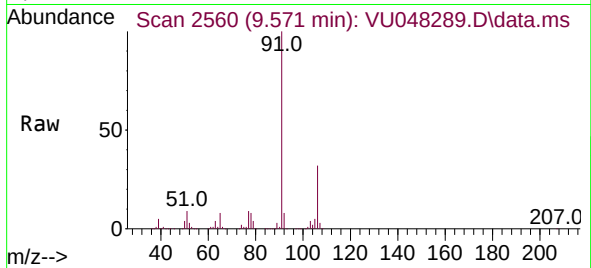




#52
Ethylbenzene
Concen: 51.203 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

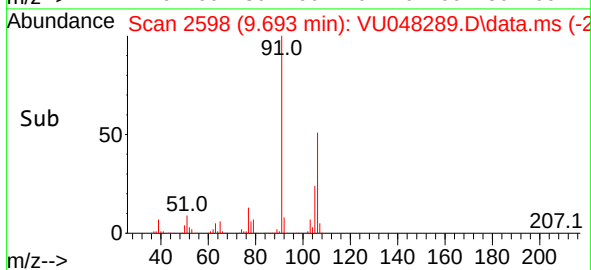
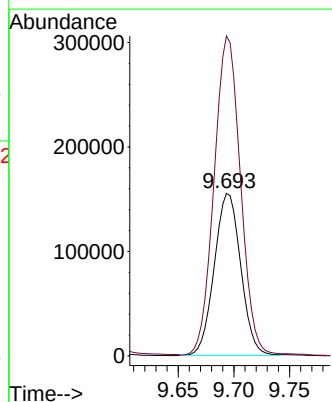
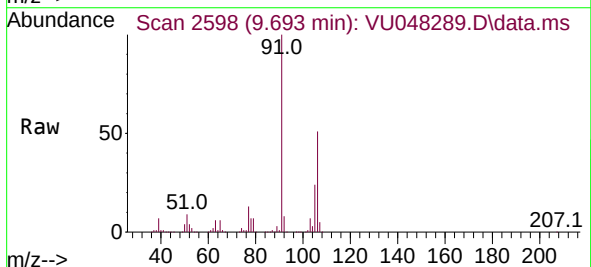
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

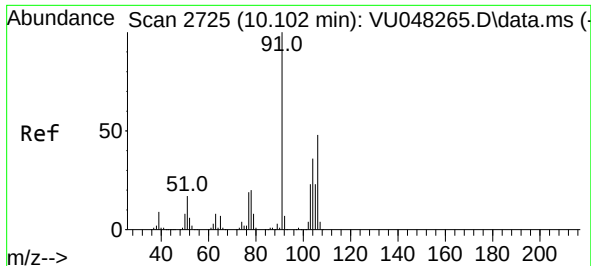
Tgt Ion: 91 Resp: 641980
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.9



#53
m,p-Xylene
Concen: 51.829 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:106 Resp: 256438
Ion Ratio Lower Upper
106 100
91 196.8 137.4 255.2

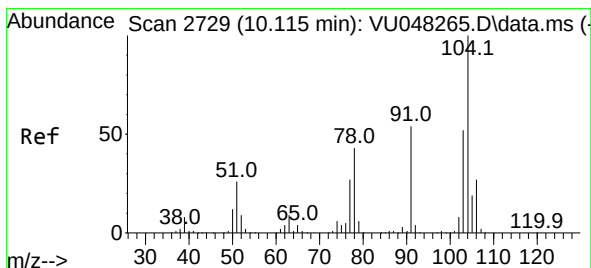
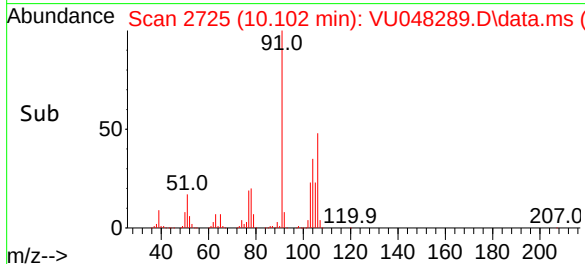
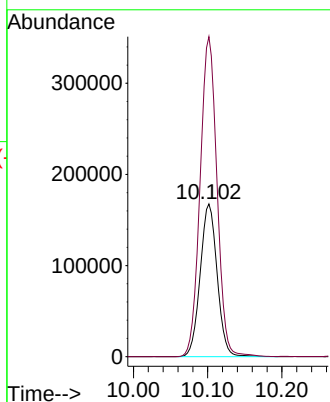
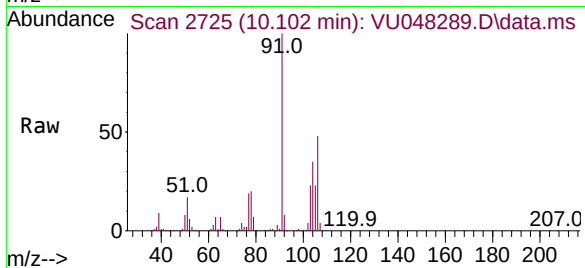




#54
o-Xylene
Concen: 53.258 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

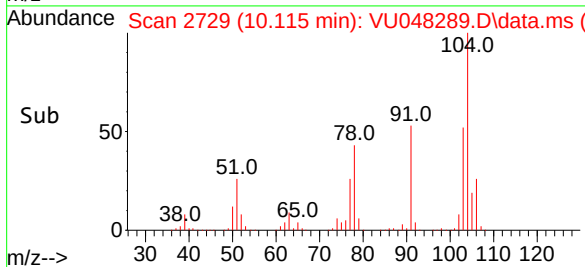
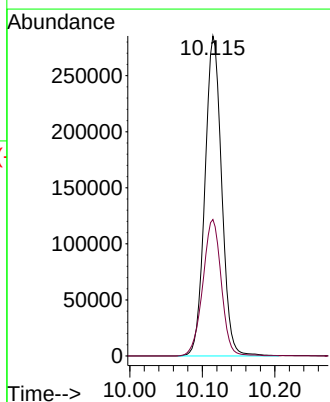
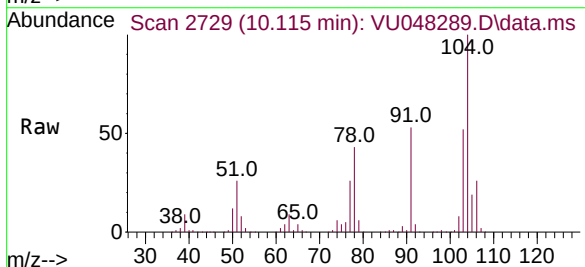
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

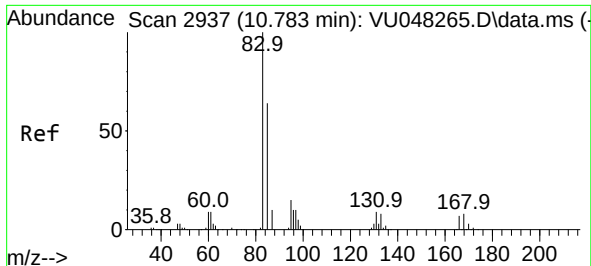
Tgt Ion:106 Resp: 265458
Ion Ratio Lower Upper
106 100
91 209.5 145.3 269.8



#55
Styrene
Concen: 53.989 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:104 Resp: 458430
Ion Ratio Lower Upper
104 100
78 42.6 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 49.505 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

Instrument :

MSVOA_U

ClientSampleId :

EXES2MS

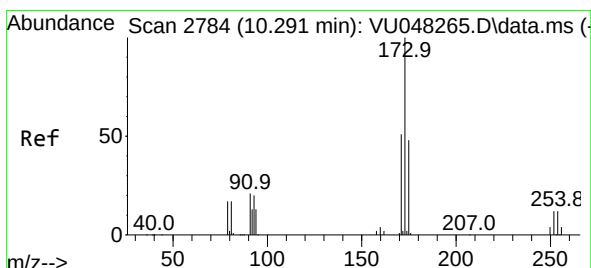
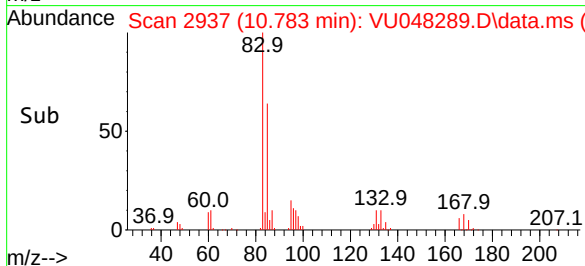
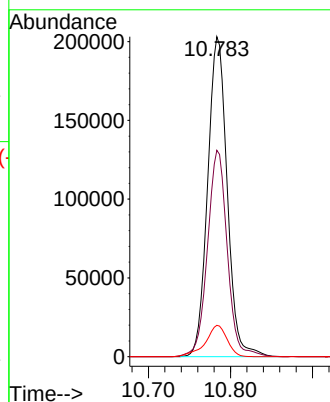
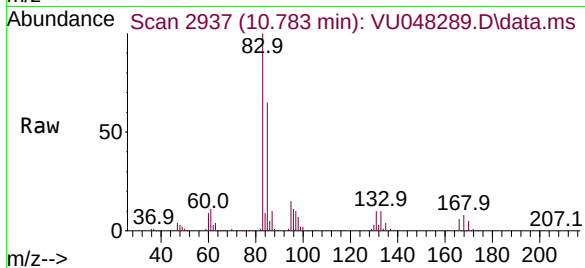
Tgt Ion: 83 Resp: 336313

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

131 9.8 7.8 11.6



#59

Bromoform

Concen: 50.178 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU048289.D

Acq: 25 Apr 2022 23:38

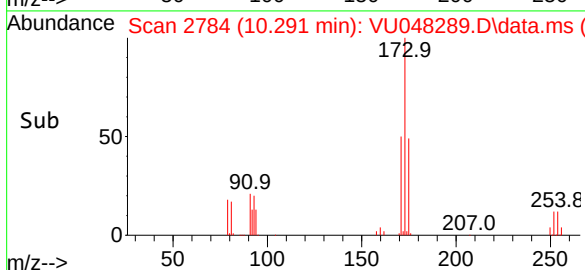
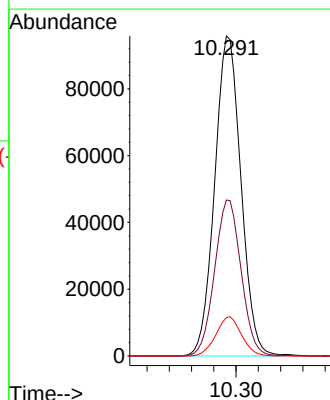
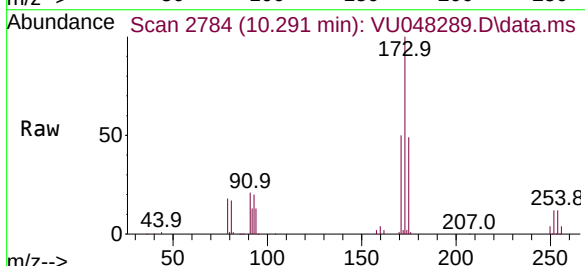
Tgt Ion:173 Resp: 156926

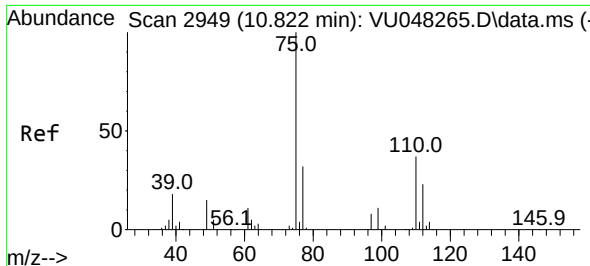
Ion Ratio Lower Upper

173 100

175 49.1 38.9 58.3

254 11.9 9.5 14.3

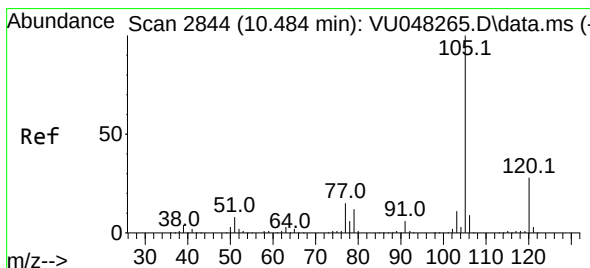
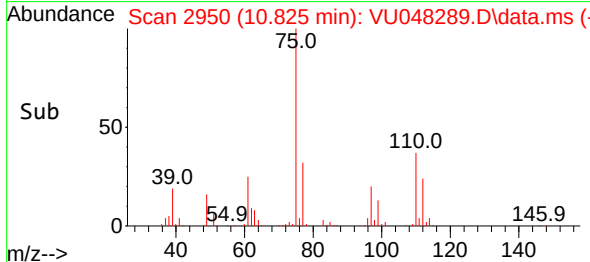
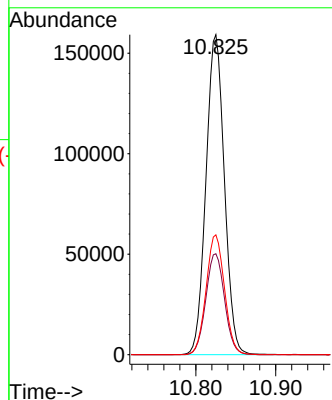
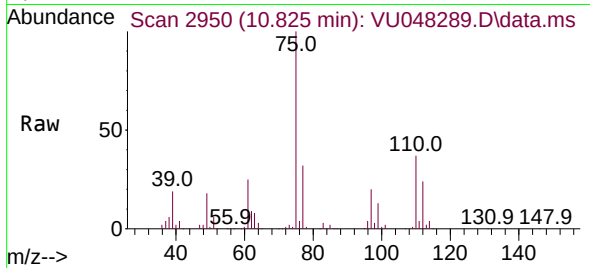




#60
1,2,3-Trichloropropane
Concen: 50.792 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

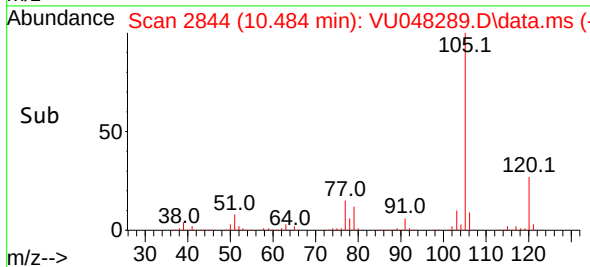
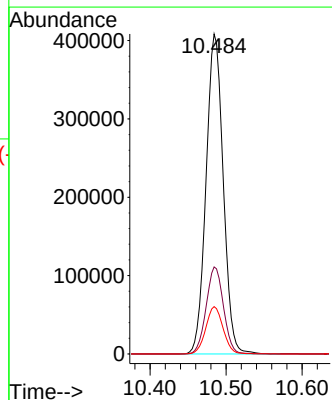
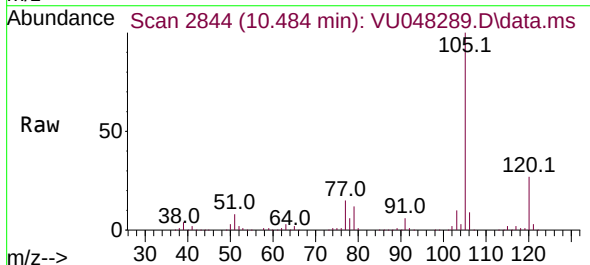
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

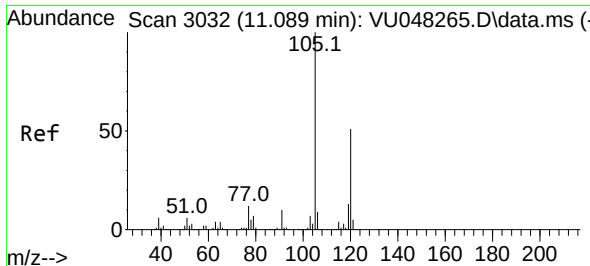
Tgt Ion: 75 Resp: 255338
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 37.5 29.9 44.9



#61
Isopropylbenzene
Concen: 53.133 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 105 Resp: 640195
Ion Ratio Lower Upper
105 100
120 27.4 21.7 32.5
77 14.9 11.7 17.5

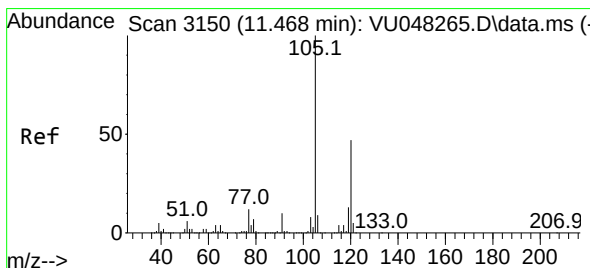
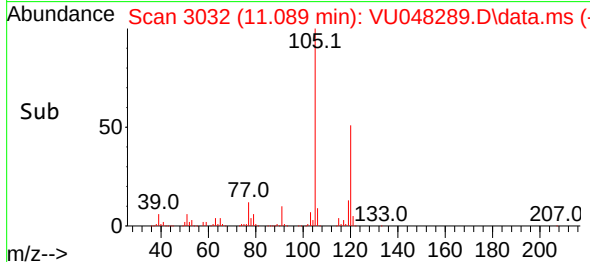
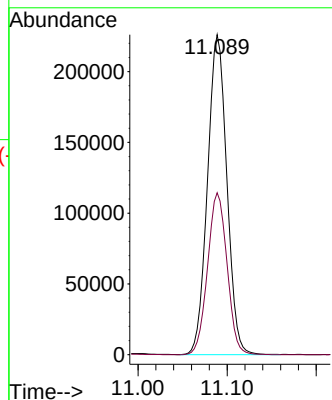
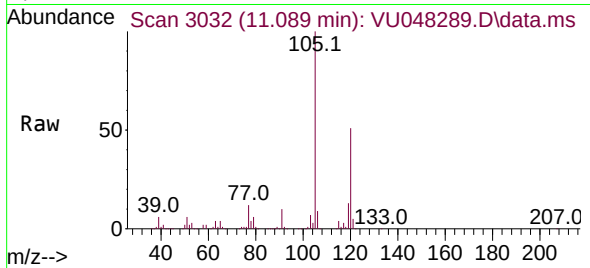




#62
1,3,5-Trimethylbenzene
Concen: 53.587 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

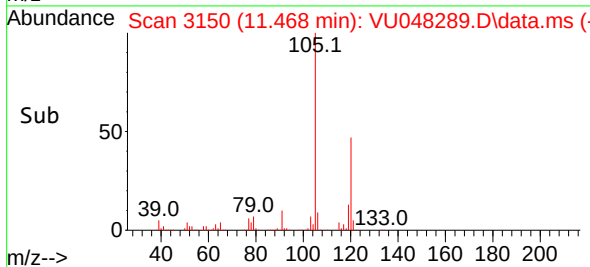
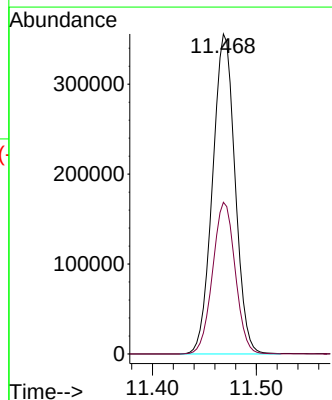
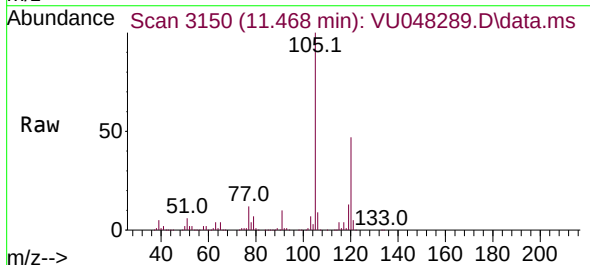
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

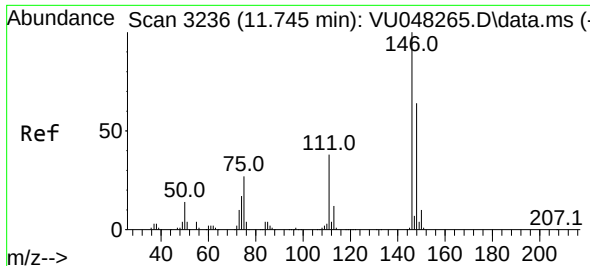
Tgt Ion:105 Resp: 340307
Ion Ratio Lower Upper
105 100
120 50.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 54.822 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:105 Resp: 535254
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0

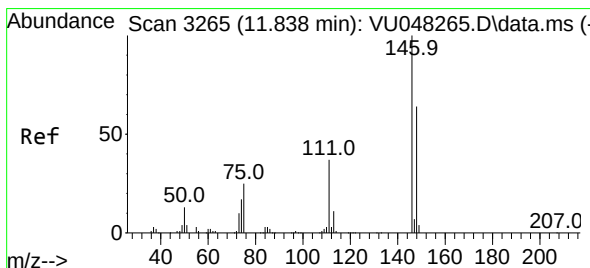
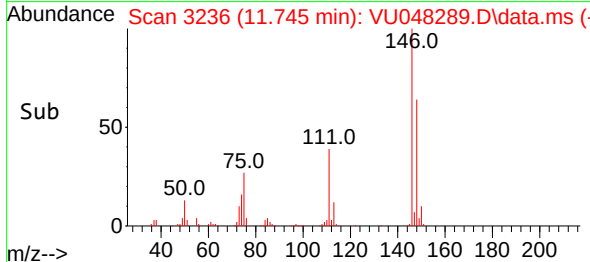
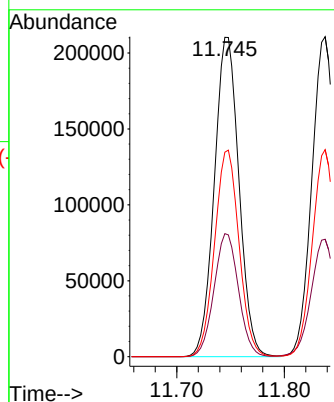
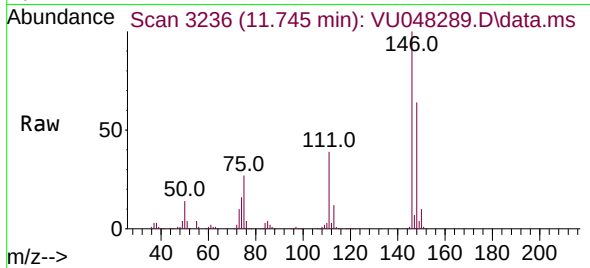




#64
1,3-Dichlorobenzene
Concen: 49.585 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

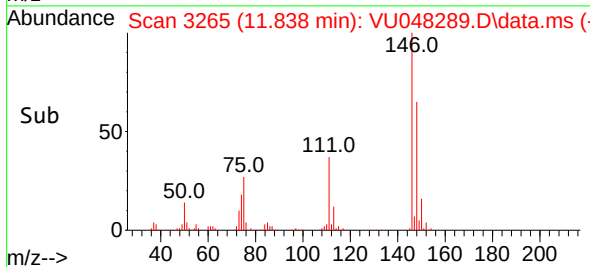
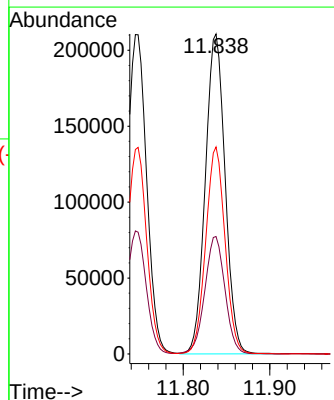
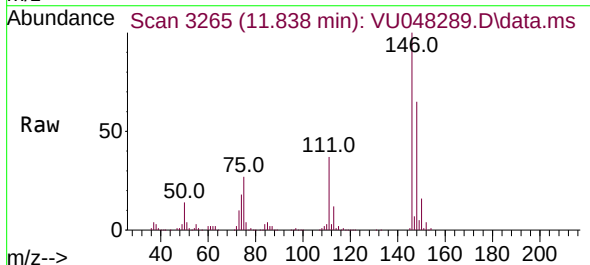
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

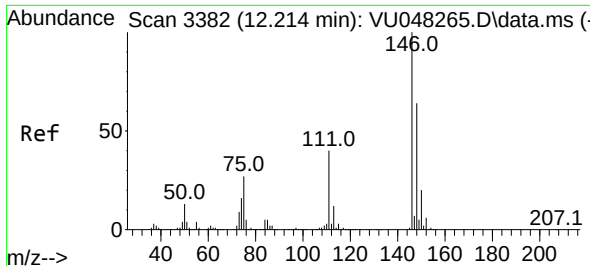
Tgt Ion:146 Resp: 334949
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 64.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 48.447 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:146 Resp: 334098
Ion Ratio Lower Upper
146 100
111 36.7 25.9 48.1
148 64.7 45.1 83.7

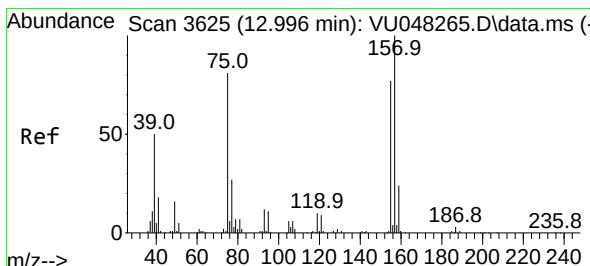
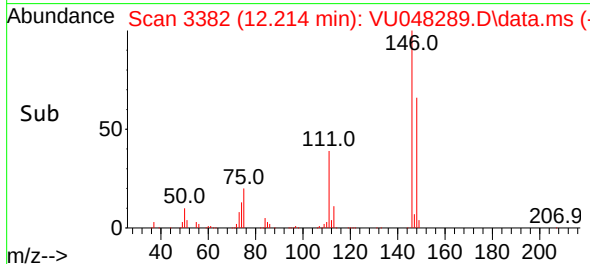
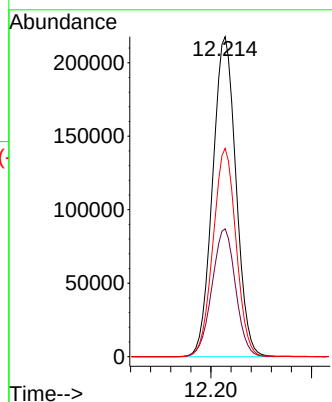
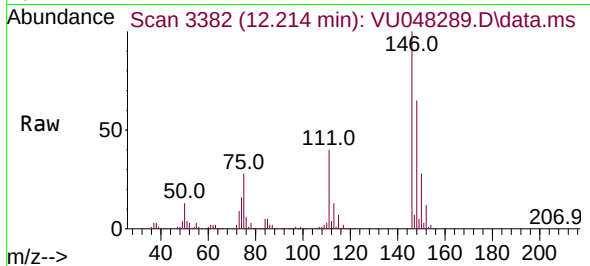




#67
1,2-Dichlorobenzene
Concen: 49.355 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

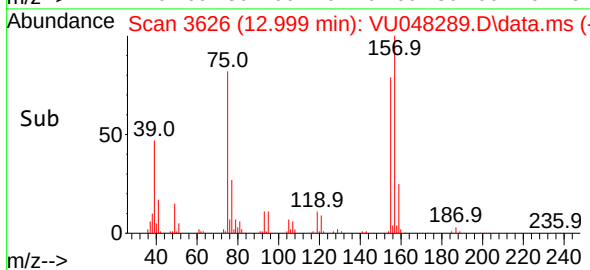
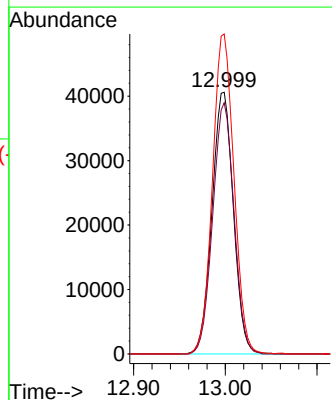
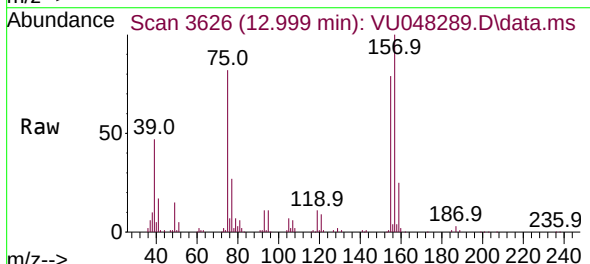
Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

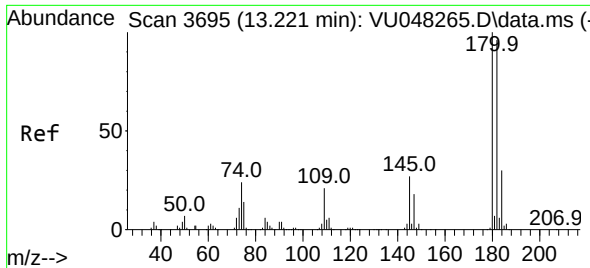
Tgt Ion:146 Resp: 351210
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 65.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 49.205 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion: 75 Resp: 66033
Ion Ratio Lower Upper
75 100
155 96.0 71.8 107.6
157 122.2 93.4 140.2

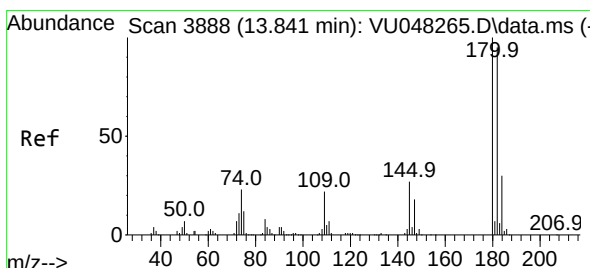
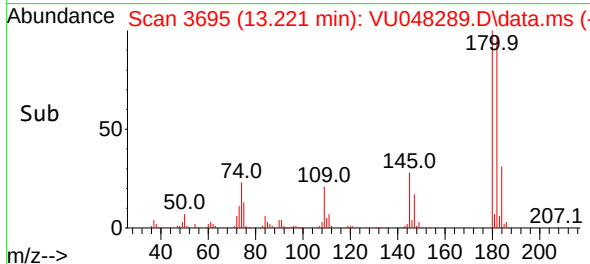
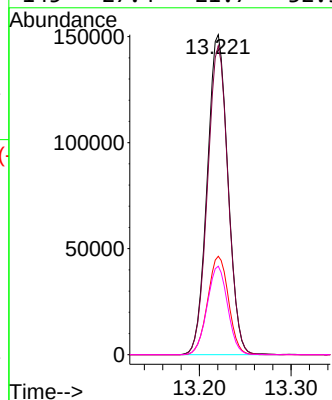
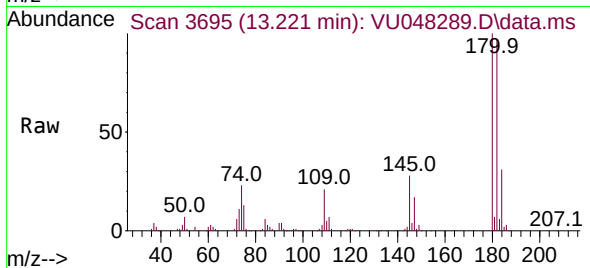




#69
 1,3,5-Trichlorobenzene
 Concen: 47.148 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048289.D
 Acq: 25 Apr 2022 23:38

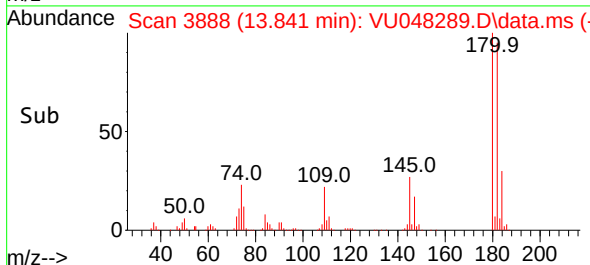
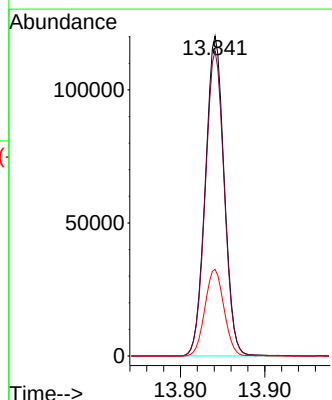
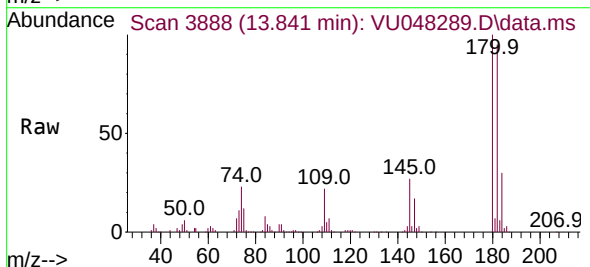
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MS

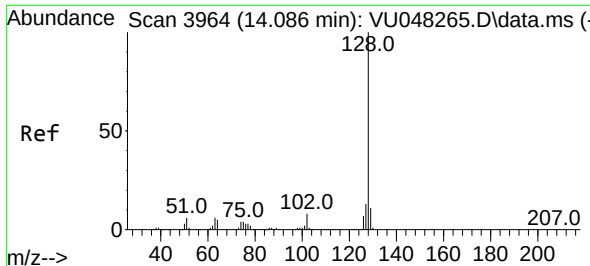
Tgt Ion:180 Resp: 236661
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.4
 184 31.1 24.6 37.0
 145 27.4 21.7 32.5



#70
 1,2,4-trichlorobenzene
 Concen: 47.287 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048289.D
 Acq: 25 Apr 2022 23:38

Tgt Ion:180 Resp: 187515
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.3 114.5
 145 27.3 22.6 33.8

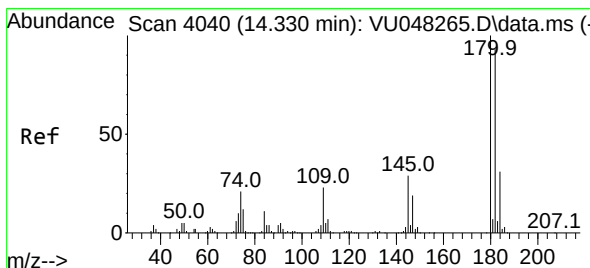
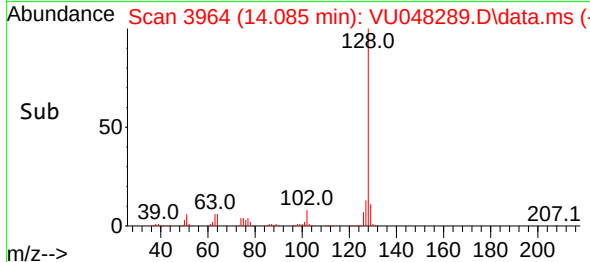
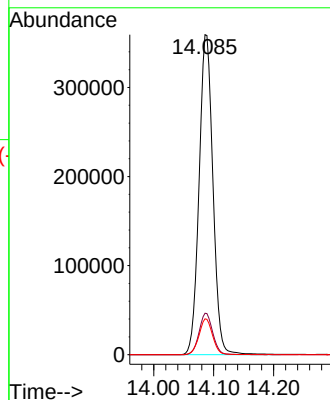
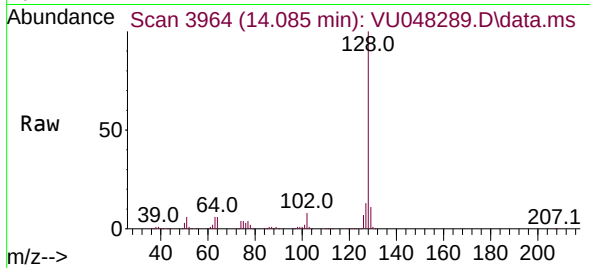




#71
Naphthalene
Concen: 50.941 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Instrument :
MSVOA_U
ClientSampleId :
EXES2MS

Tgt Ion:128 Resp: 578107
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.447 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048289.D
Acq: 25 Apr 2022 23:38

Tgt Ion:180 Resp: 200953
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 29.9 23.5 35.3

