

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048290.D
 Acq On : 26 Apr 2022 00:02
 Operator : SY/MD
 Sample : N2518-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

Quant Time: Apr 26 02:49:45 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	378536	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389482	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	219573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142925	41.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.120%
7) Chloroethane-d5	1.890	69	115854	47.415	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	2.562	63	245822	44.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.140%
21) 2-Butanone-d5	4.620	46	293639	98.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.910%
24) Chloroform-d	5.063	84	289547	45.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.703	65	181251	48.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
32) Benzene-d6	5.726	84	598022	48.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	6.690	67	195452	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.260%
41) Toluene-d8	7.899	98	545947	49.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.060%
43) trans-1,3-Dichloroprop...	8.179	79	85841	47.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.800%
47) 2-Hexanone-d5	8.636	63	233622	106.627	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	352126	49.440	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	234272	47.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	129201	45.170	ug/L	100
3) Chloromethane	1.520	50	153186	46.791	ug/L	97
5) Vinyl chloride	1.604	62	151229	45.839	ug/L	98
6) Bromomethane	1.829	94	63655	41.983	ug/L	100
8) Chloroethane	1.912	64	91597	49.102	ug/L	99
9) Trichlorofluoromethane	2.128	101	204323	47.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	129282	45.337	ug/L	99
12) 1,1-Dichloroethene	2.575	96	116938	46.980	ug/L	96
13) Acetone	2.626	43	160424	84.169	ug/L	100
14) Carbon disulfide	2.790	76	279012	45.993	ug/L	100
15) Methyl Acetate	2.944	43	171385	45.298	ug/L	98
16) Methylene chloride	3.044	84	151207	47.119	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	121120	46.841	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	422614	49.535	ug/L	100
19) 1,1-Dichloroethane	3.867	63	253740	46.926	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	151761	48.690	ug/L	98
22) 2-Butanone	4.700	43	268326	95.204	ug/L	99
23) Bromochloromethane	4.973	128	84035	48.291	ug/L	96
25) Chloroform	5.089	83	264870	47.970	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048290.D
 Acq On : 26 Apr 2022 00:02
 Operator : SY/MD
 Sample : N2518-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

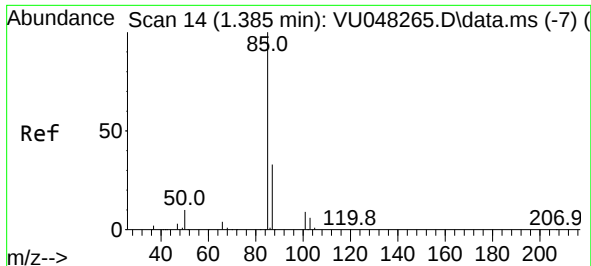
Quant Time: Apr 26 02:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	215499	53.507	ug/L	99
29) Cyclohexane	5.388	56	185279	50.348	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	213858	48.555	ug/L	100
31) Carbon tetrachloride	5.523	117	178159	47.459	ug/L	100
33) Benzene	5.774	78	591075	51.257	ug/L	100
34) Trichloroethene	6.542	95	138185	48.889	ug/L	99
35) Methylcyclohexane	6.764	83	192501	48.510	ug/L	100
37) 1,2-Dichloropropane	6.790	63	165130	50.331	ug/L	100
38) Bromodichloromethane	7.105	83	201964	48.744	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	226048	48.997	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	526091	106.314	ug/L	100
42) Toluene	7.970	91	630543	52.081	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	223016	49.482	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	174756	50.768	ug/L	98
46) Tetrachloroethene	8.552	164	117865	48.588	ug/L	99
48) 2-Hexanone	8.687	43	447557	108.307	ug/L	100
49) Dibromochloromethane	8.812	129	187065	49.455	ug/L	100
50) 1,2-Dibromoethane	8.925	107	178358	51.095	ug/L	98
51) Chlorobenzene	9.446	112	423484	48.527	ug/L	99
52) Ethylbenzene	9.571	91	655125	52.250	ug/L	100
53) m,p-Xylene	9.693	106	258157	52.175	ug/L	99
54) o-Xylene	10.102	106	268435	53.854	ug/L	99
55) Styrene	10.115	104	463428	54.576	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	336204	49.488	ug/L	100
59) Bromoform	10.291	173	155618	48.835	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	258307	50.428	ug/L	99
61) Isopropylbenzene	10.484	105	658845	53.665	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	348892	53.918	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	559143	56.204	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	349205	50.735	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	340896	48.514	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	357252	49.271	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	69661	50.943	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	247038	48.301	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	200130	49.530	ug/L	100
71) Naphthalene	14.086	128	680285	58.831	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	216019	52.167	ug/L	99

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

Quant Time: Apr 26 02:49:45 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

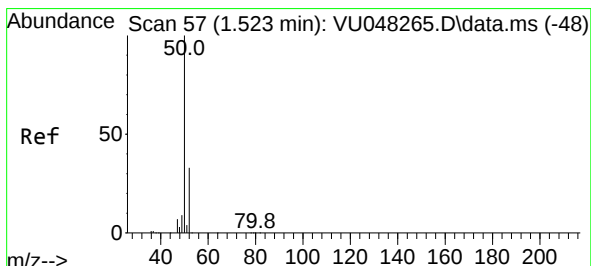
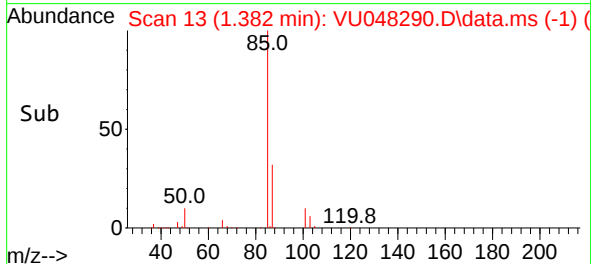
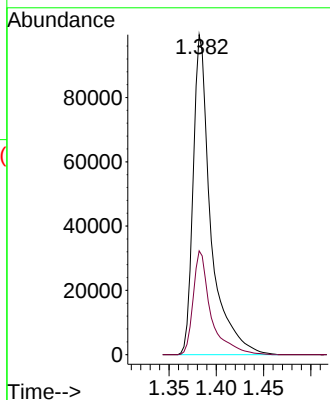
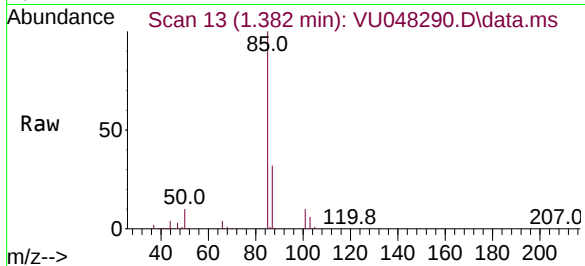




#2
Dichlorodifluoromethane
Concen: 45.170 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

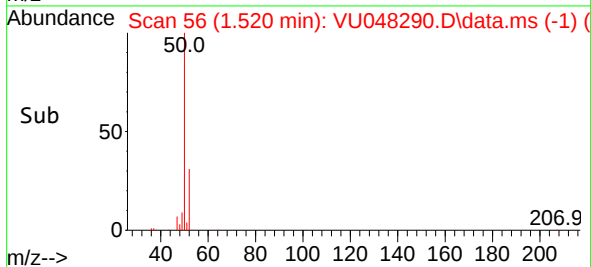
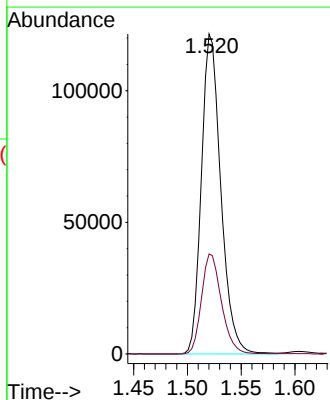
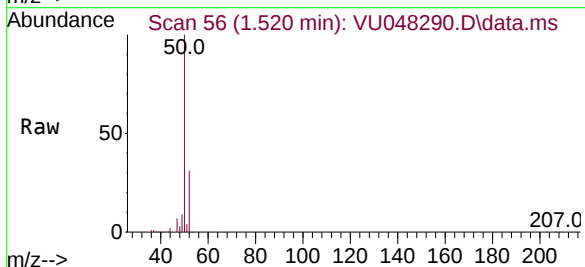
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

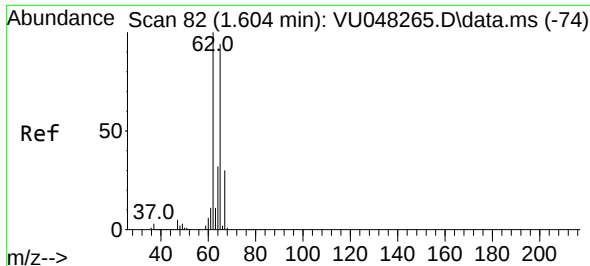
Tgt Ion: 85 Resp: 129201
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 46.791 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 50 Resp: 153186
Ion Ratio Lower Upper
50 100
52 31.3 23.2 43.2

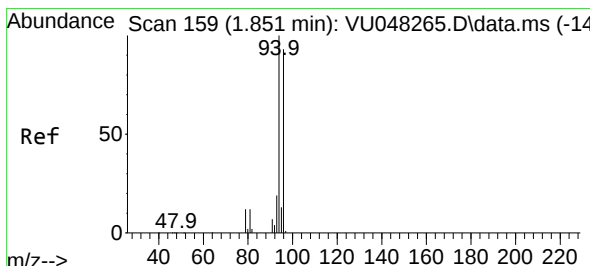
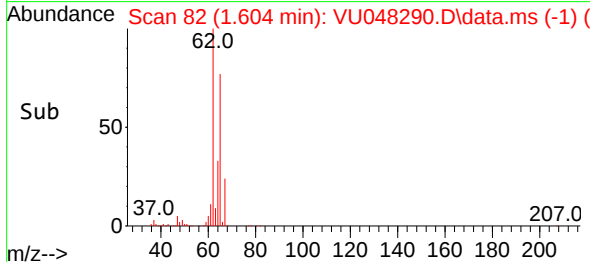
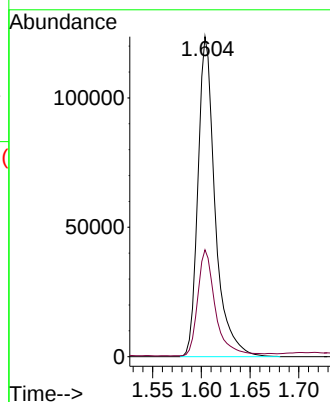
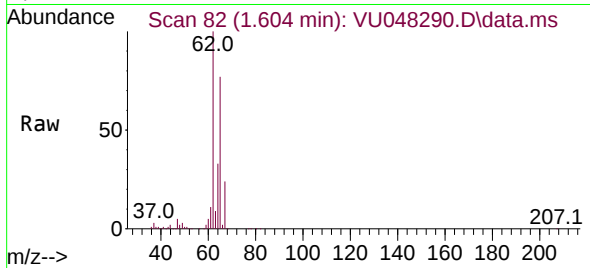




#5
 Vinyl chloride
 Concen: 45.839 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

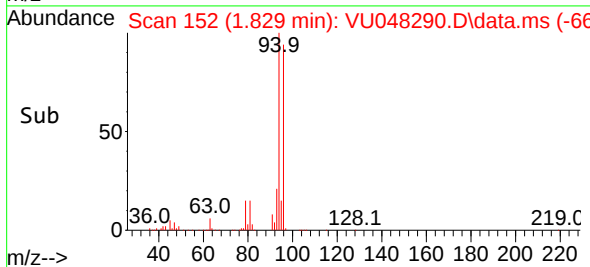
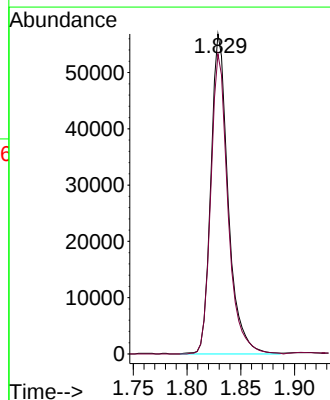
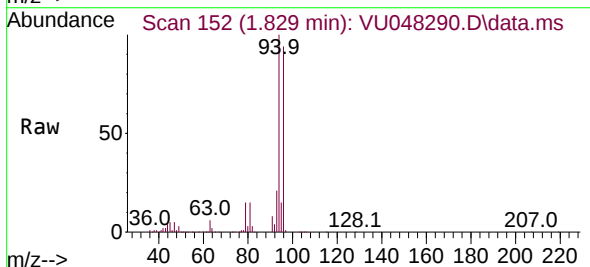
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

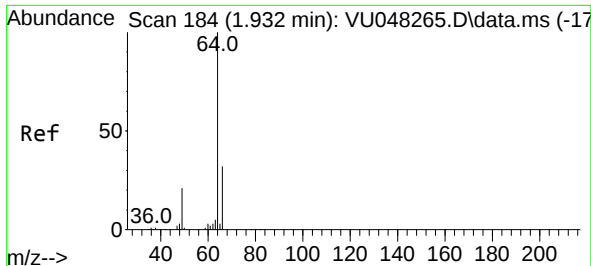
Tgt Ion: 62 Resp: 151229
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.5 41.7



#6
 Bromomethane
 Concen: 41.983 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.023 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

Tgt Ion: 94 Resp: 63655
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.8 122.2

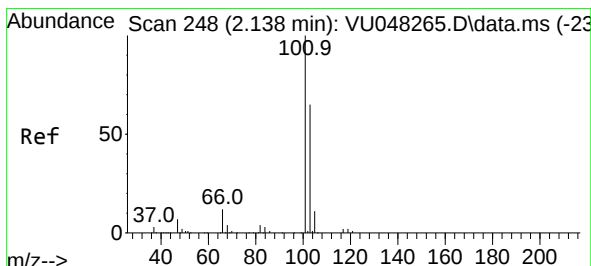
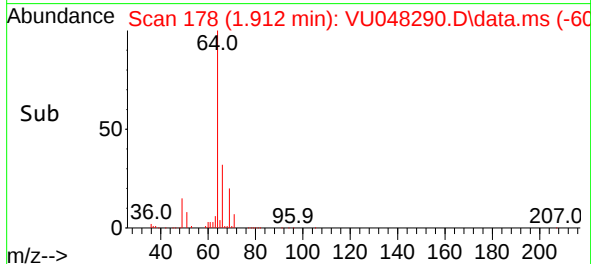
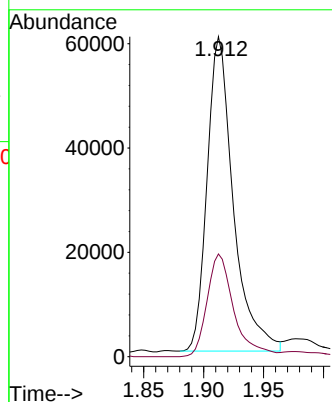
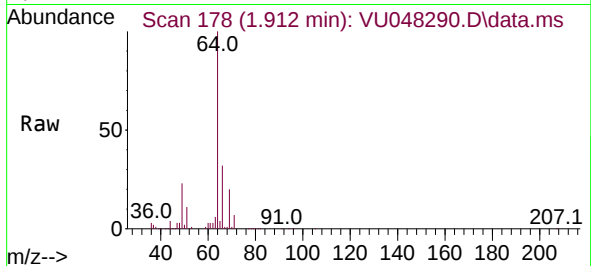




#8
Chloroethane
Concen: 49.102 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

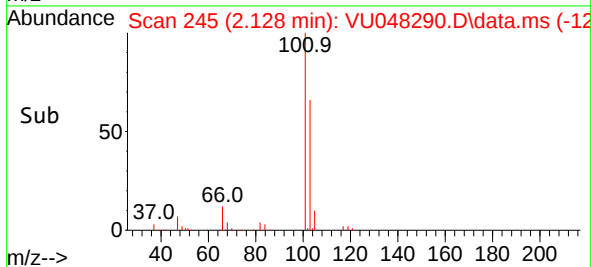
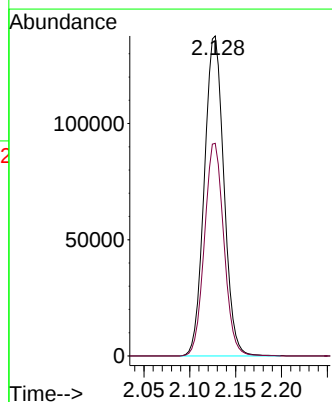
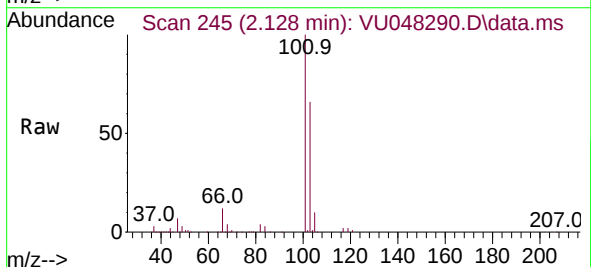
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

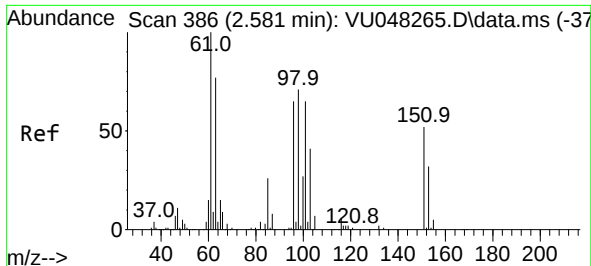
Tgt Ion: 64 Resp: 91597
Ion Ratio Lower Upper
64 100
66 32.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 47.523 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.010 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:101 Resp: 204323
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9

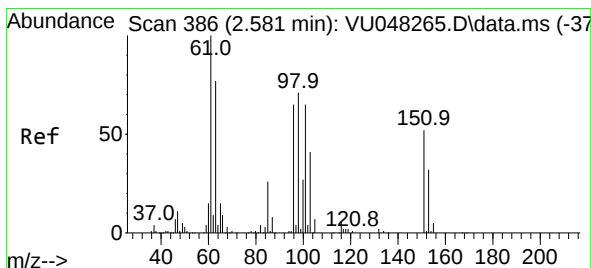
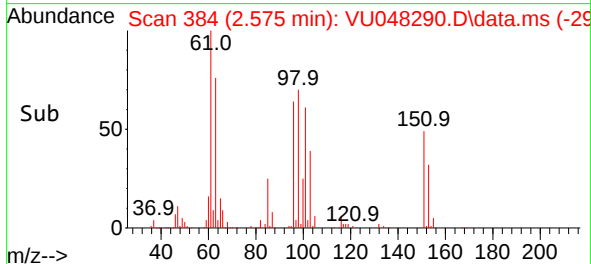
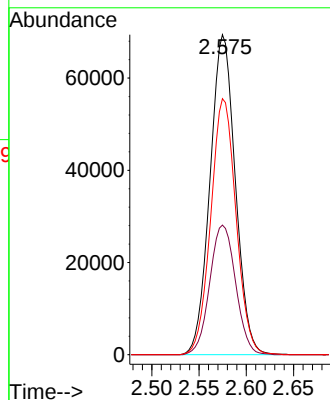
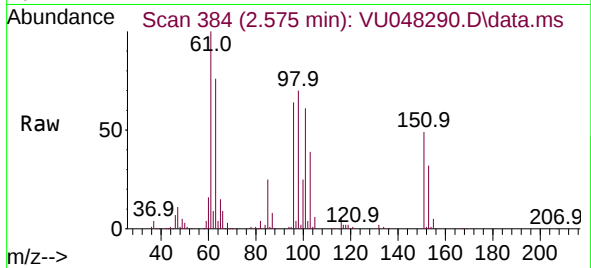




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.337 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

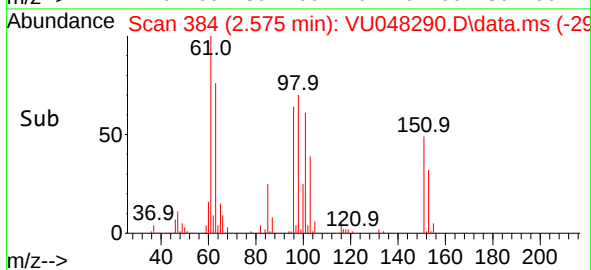
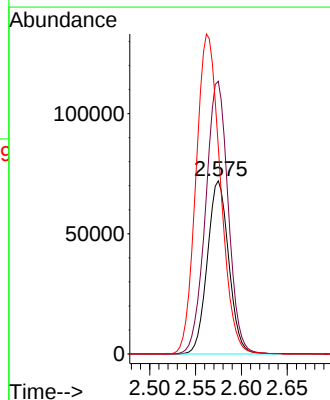
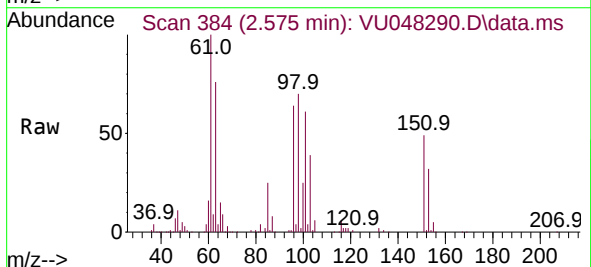
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

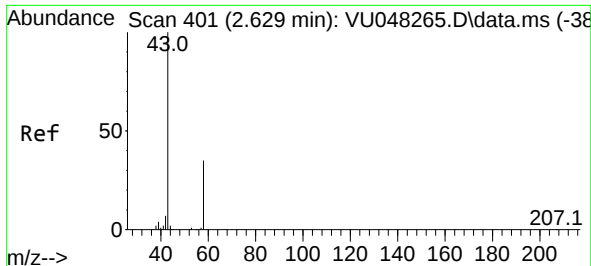
Tgt Ion:101 Resp: 129282
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.6 48.8
 151 79.9 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 46.980 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

Tgt Ion: 96 Resp: 116938
 Ion Ratio Lower Upper
 96 100
 61 157.4 107.9 200.3
 63 120.0 80.3 149.1





#13

Acetone

Concen: 84.169 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

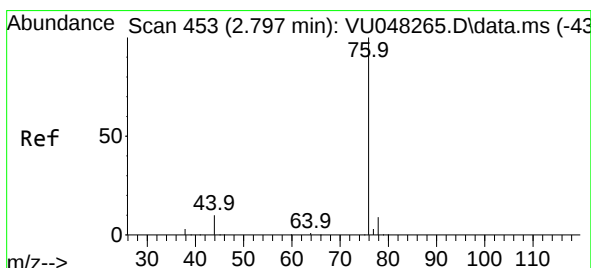
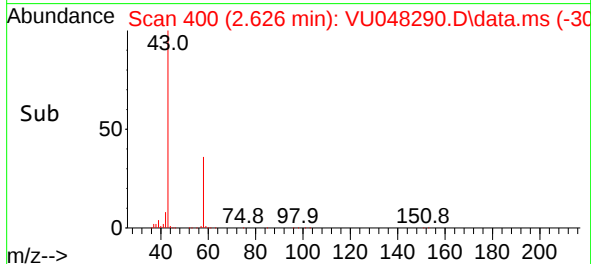
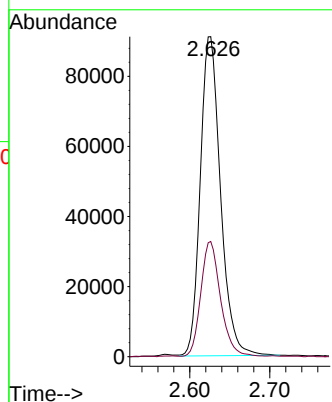
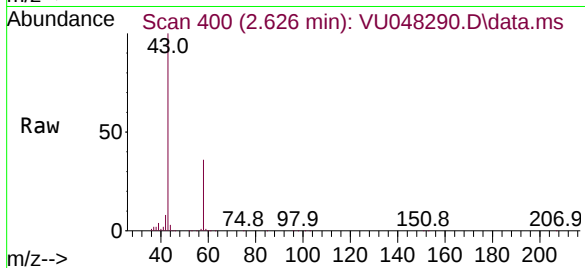
EXES2MSD

Tgt Ion: 43 Resp: 160424

Ion Ratio Lower Upper

43 100

58 35.5 0.0 71.2



#14

Carbon disulfide

Concen: 45.993 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.006 min

Lab File: VU048290.D

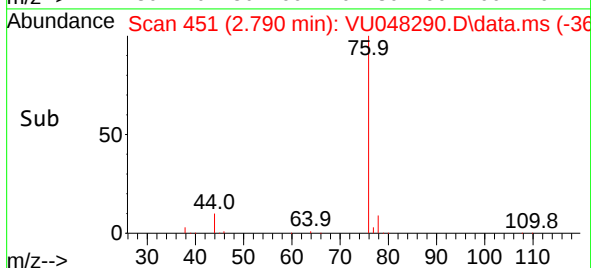
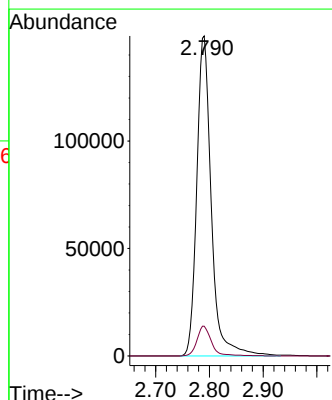
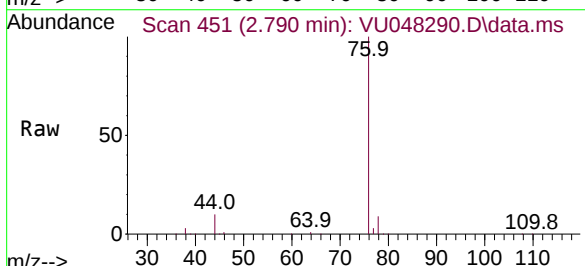
Acq: 26 Apr 2022 00:02

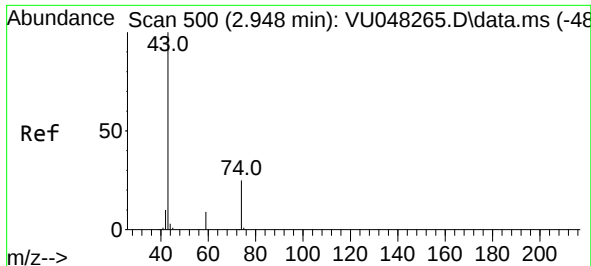
Tgt Ion: 76 Resp: 279012

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

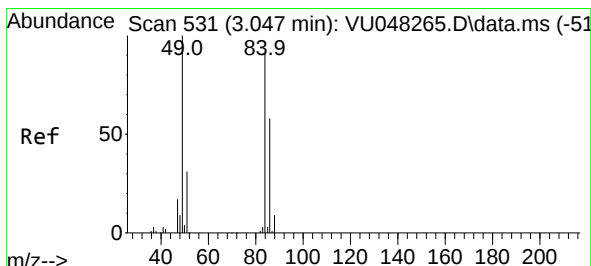
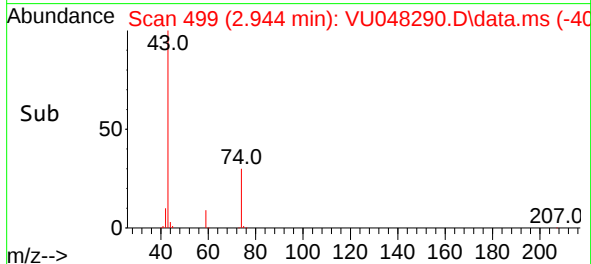
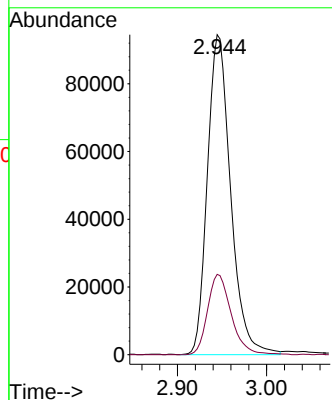
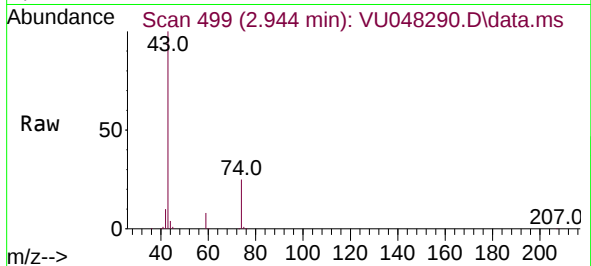




#15
Methyl Acetate
Concen: 45.298 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

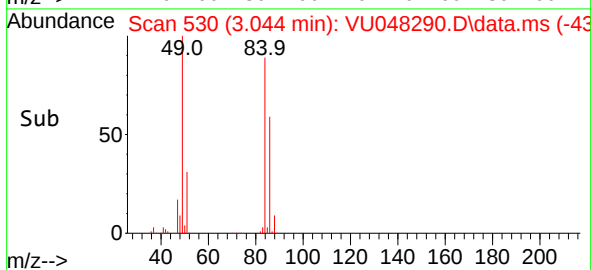
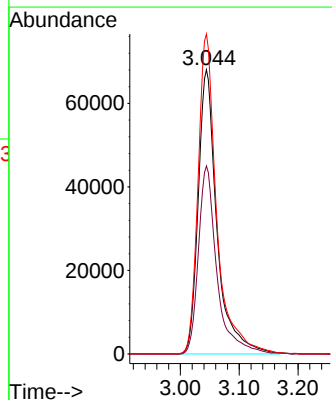
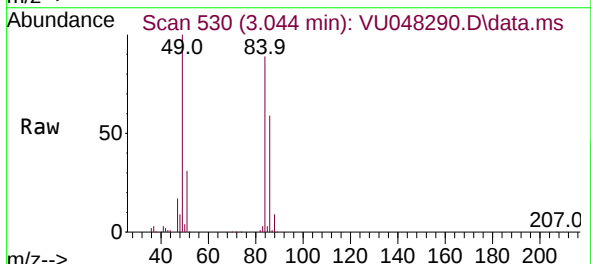
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

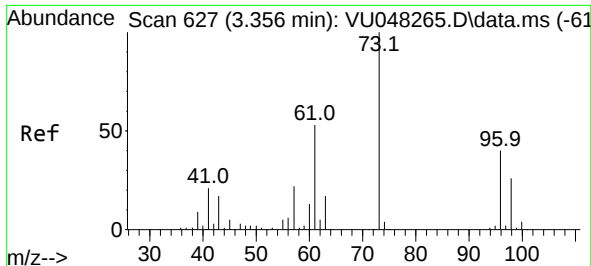
Tgt Ion: 43 Resp: 171385
Ion Ratio Lower Upper
43 100
74 25.5 21.0 31.6



#16
Methylene chloride
Concen: 47.119 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 84 Resp: 151207
Ion Ratio Lower Upper
84 100
86 66.2 45.4 84.2
49 112.6 79.2 147.0

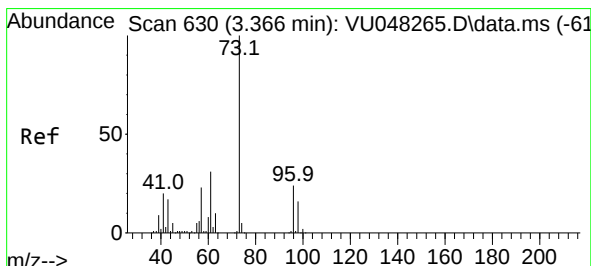
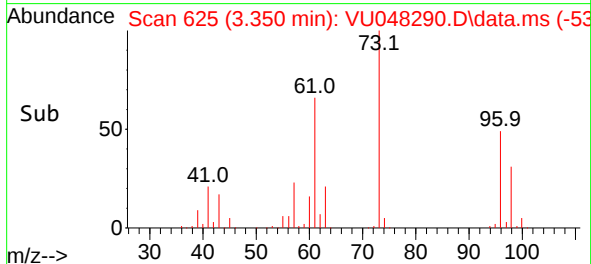
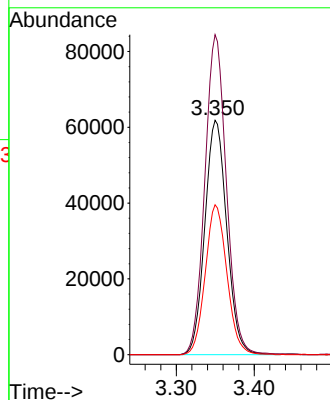
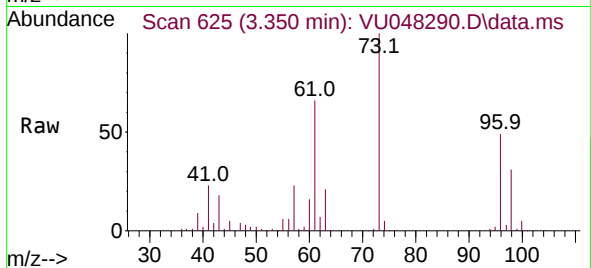




#17
 trans-1,2-Dichloroethene
 Concen: 46.841 ug/L
 RT: 3.350 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

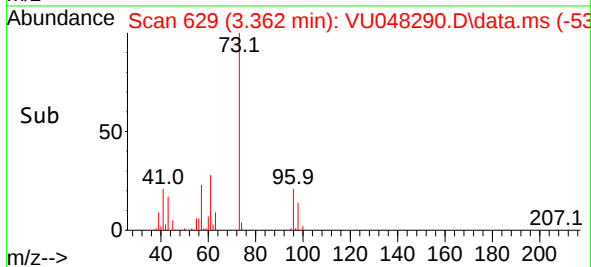
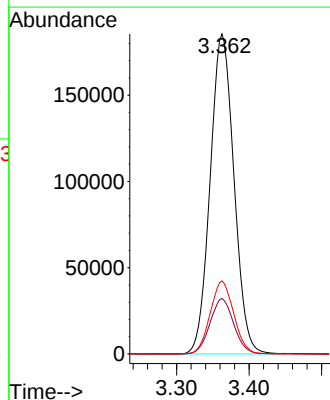
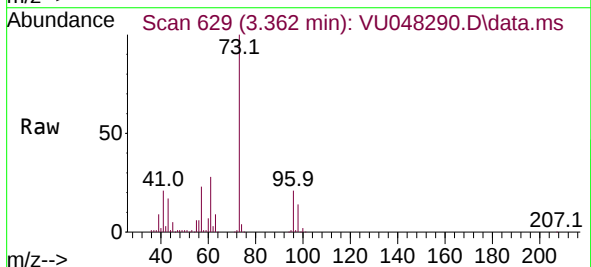
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

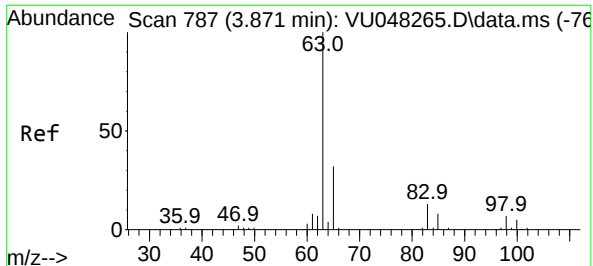
Tgt Ion: 96 Resp: 121120
 Ion Ratio Lower Upper
 96 100
 61 136.5 95.2 176.8
 98 64.0 44.7 83.1



#18
 Methyl tert-butyl Ether
 Concen: 49.535 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.003 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

Tgt Ion: 73 Resp: 422614
 Ion Ratio Lower Upper
 73 100
 43 17.2 13.8 20.6
 57 22.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.926 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

EXES2MSD

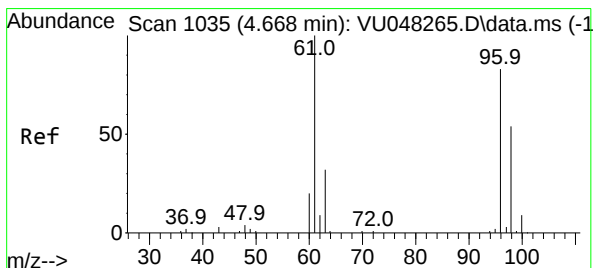
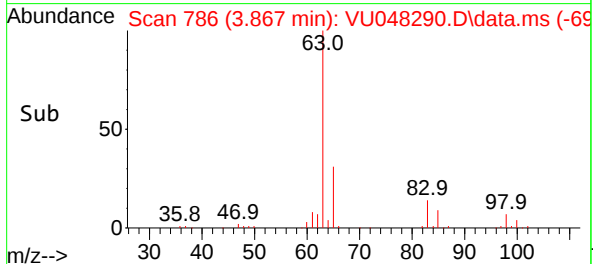
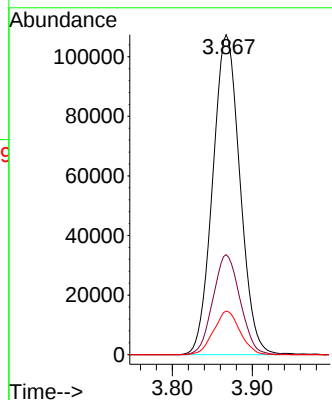
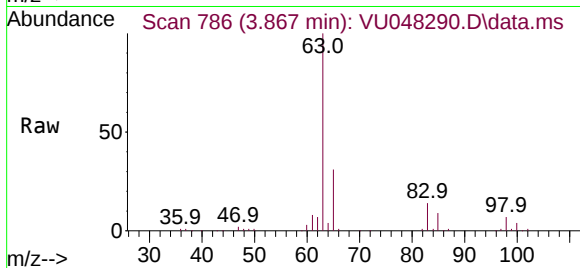
Tgt Ion: 63 Resp: 253740

Ion Ratio Lower Upper

63 100

65 31.2 22.0 40.8

83 13.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.690 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

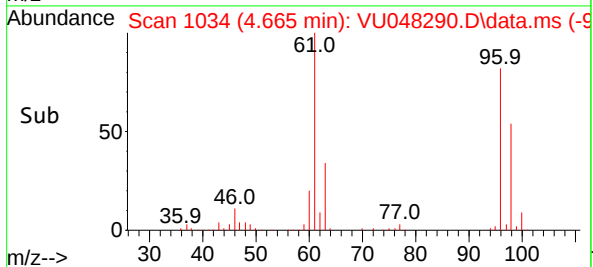
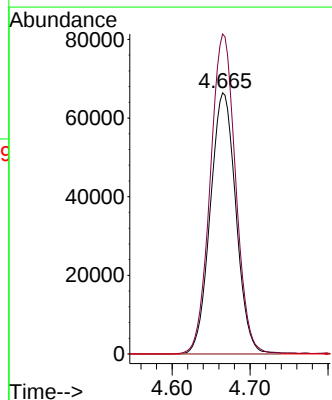
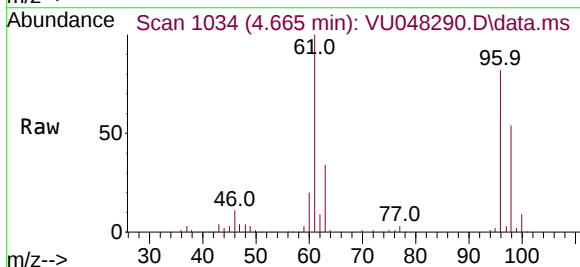
Tgt Ion: 96 Resp: 151761

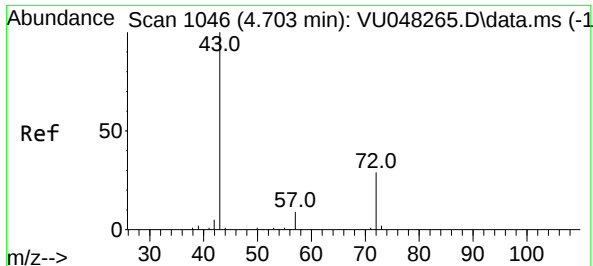
Ion Ratio Lower Upper

96 100

61 122.6 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 95.204 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

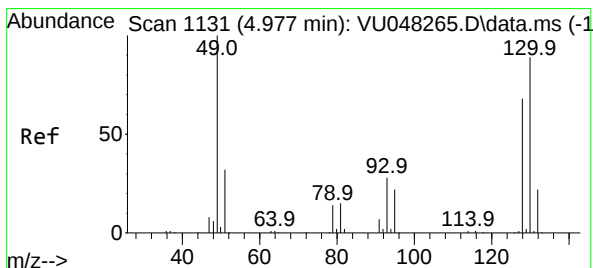
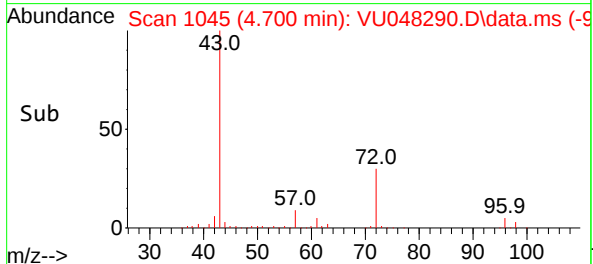
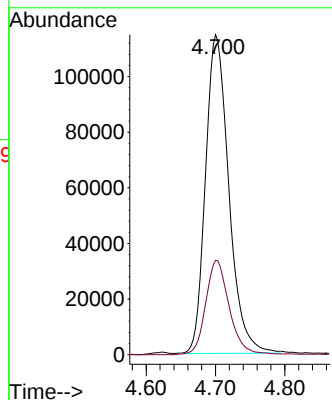
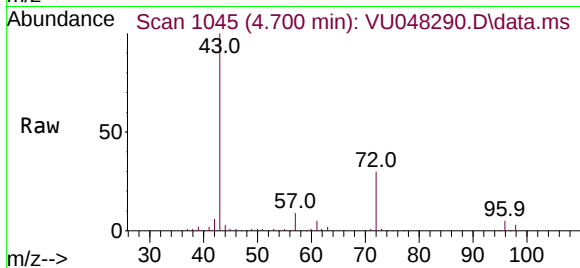
EXES2MSD

Tgt Ion: 43 Resp: 268326

Ion Ratio Lower Upper

43 100

72 29.8 14.6 43.8



#23

Bromochloromethane

Concen: 48.291 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Tgt Ion: 128 Resp: 84035

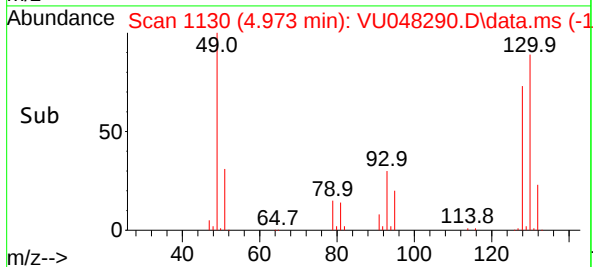
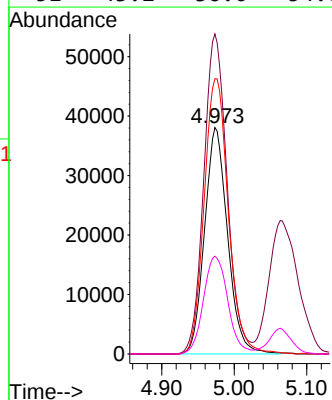
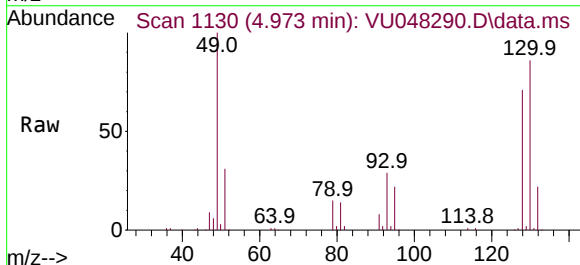
Ion Ratio Lower Upper

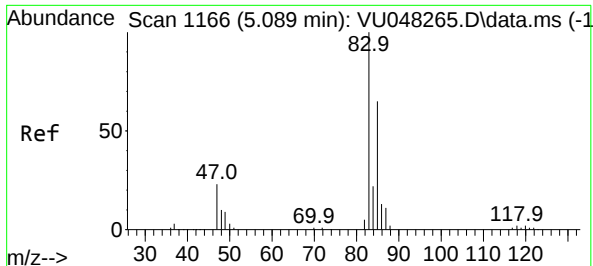
128 100

49 141.4 101.3 188.1

130 121.6 89.0 165.2

51 43.2 36.0 54.0





#25

Chloroform

Concen: 47.970 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

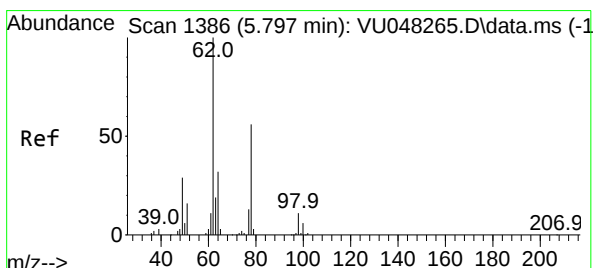
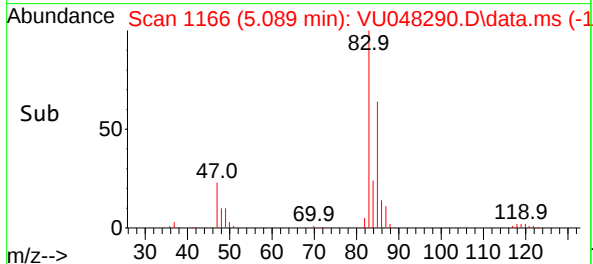
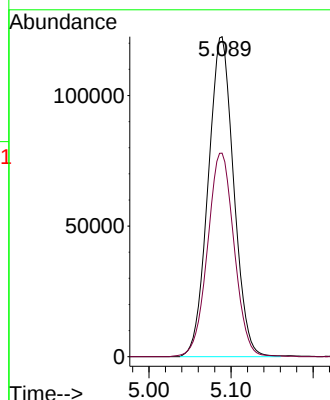
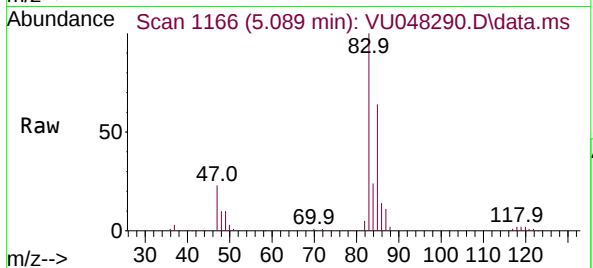
EXES2MSD

Tgt Ion: 83 Resp: 264870

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 53.507 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048290.D

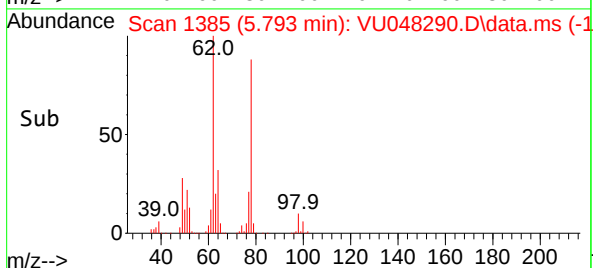
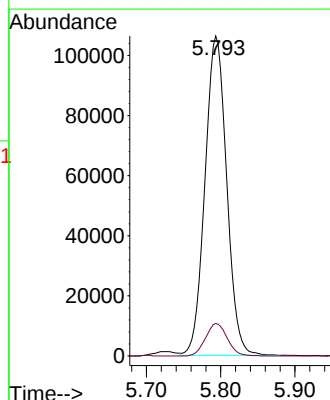
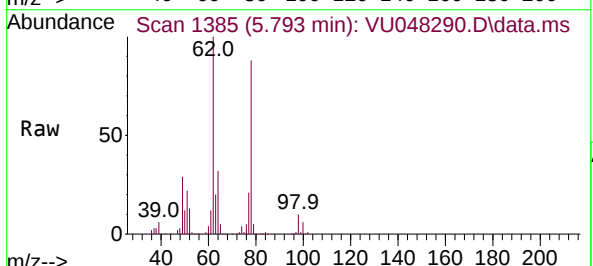
Acq: 26 Apr 2022 00:02

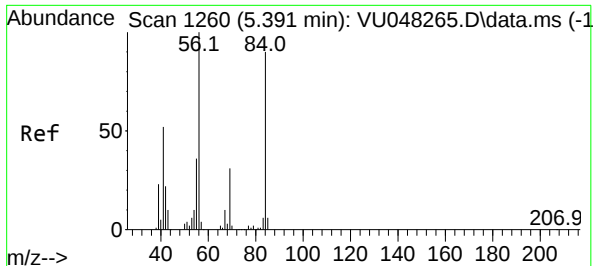
Tgt Ion: 62 Resp: 215499

Ion Ratio Lower Upper

62 100

98 10.2 8.5 12.7





#29

Cyclohexane

Concen: 50.348 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

EXES2MSD

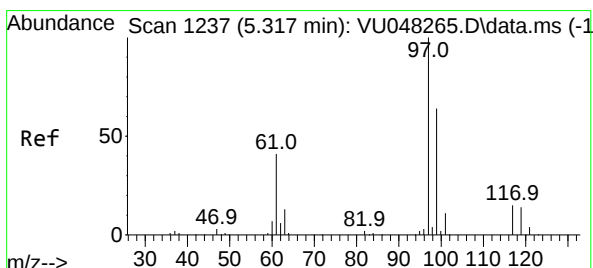
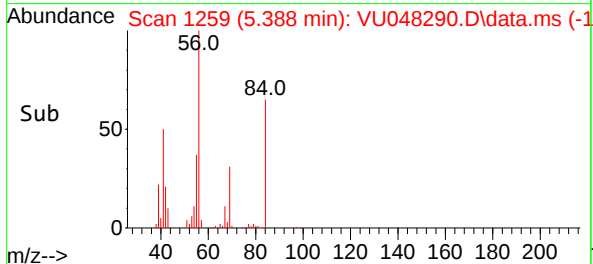
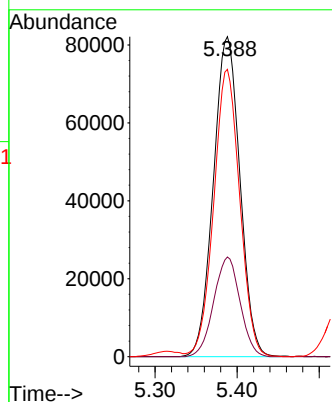
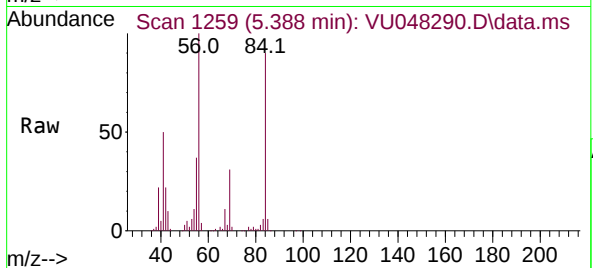
Tgt Ion: 56 Resp: 185279

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 87.8 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 48.555 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

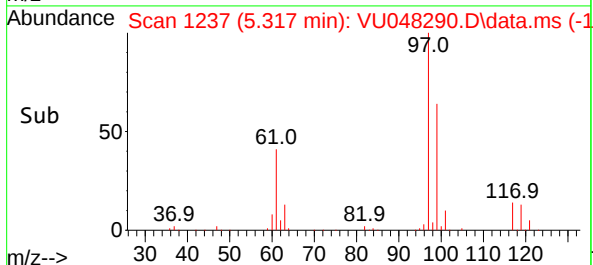
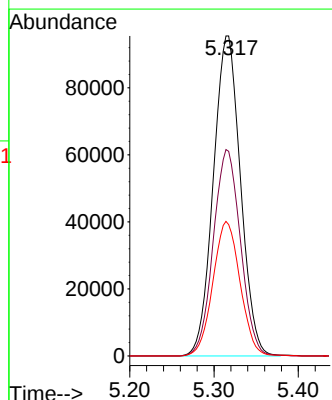
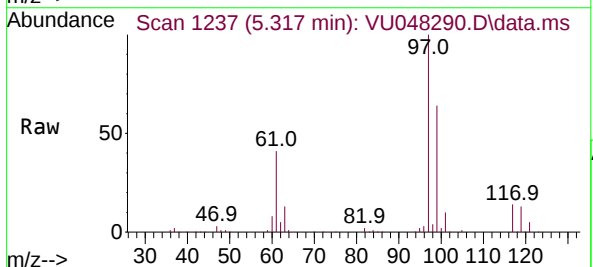
Tgt Ion: 97 Resp: 213858

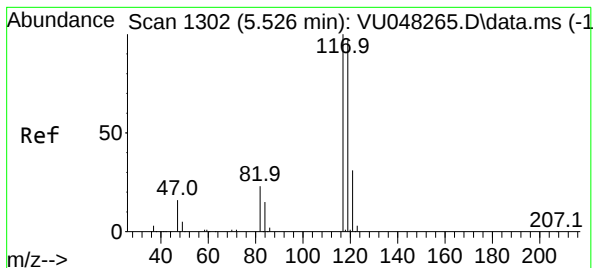
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 42.1 33.9 50.9





#31

Carbon tetrachloride

Concen: 47.459 ug/L

RT: 5.523 min Scan# 117

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

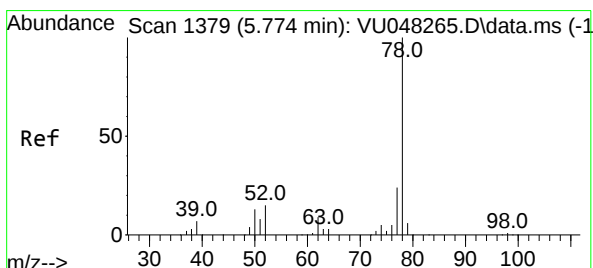
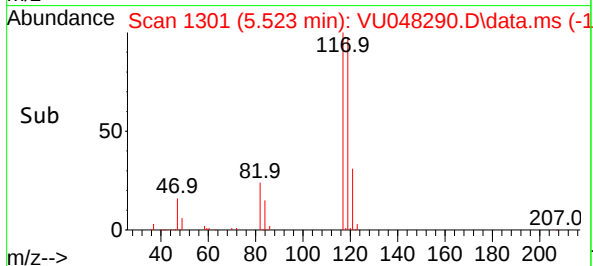
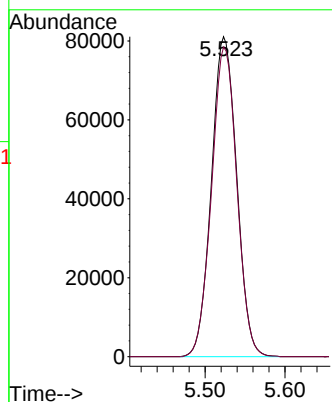
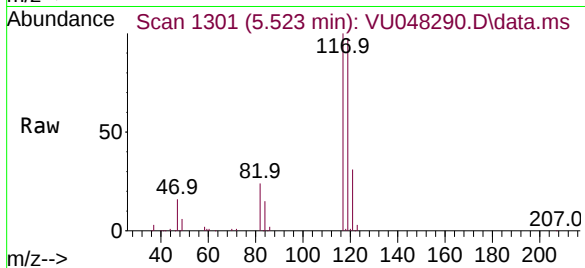
EXES2MSD

Tgt Ion:117 Resp: 178159

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7



#33

Benzene

Concen: 51.257 ug/L

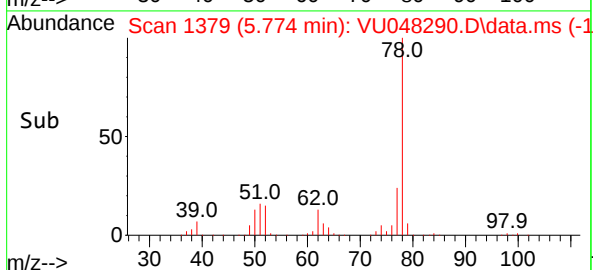
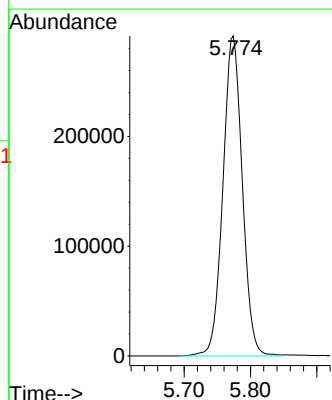
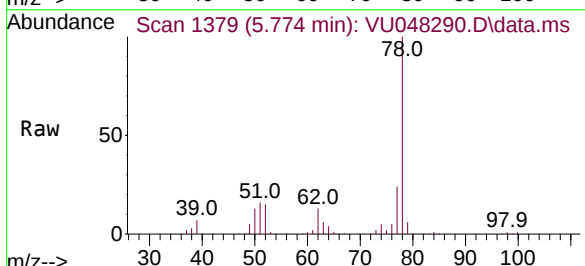
RT: 5.774 min Scan# 1379

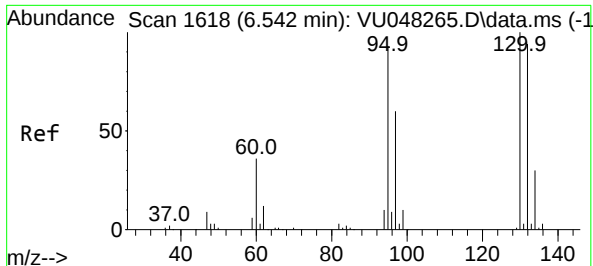
Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Tgt Ion: 78 Resp: 591075

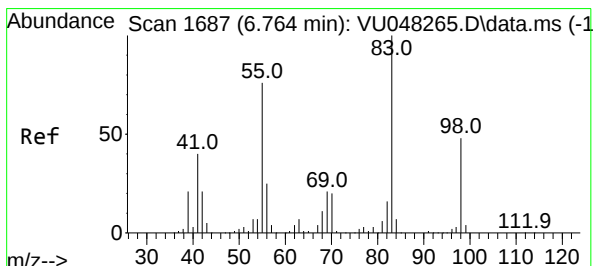
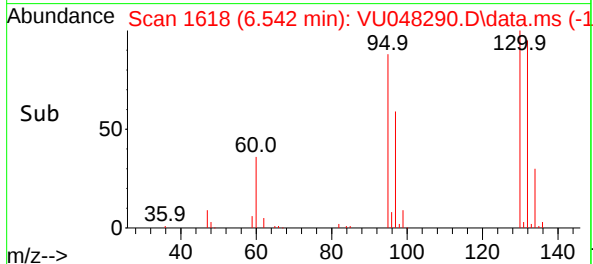
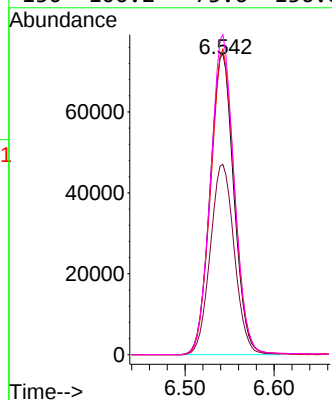
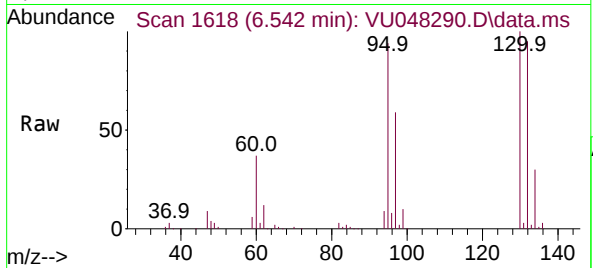




#34
Trichloroethene
Concen: 48.889 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

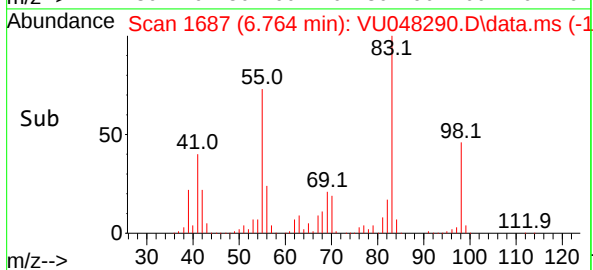
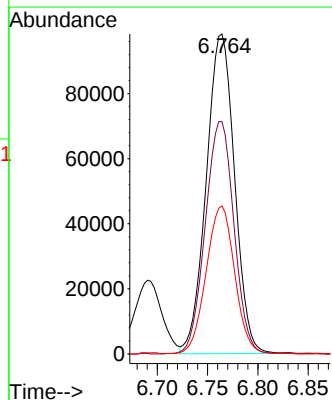
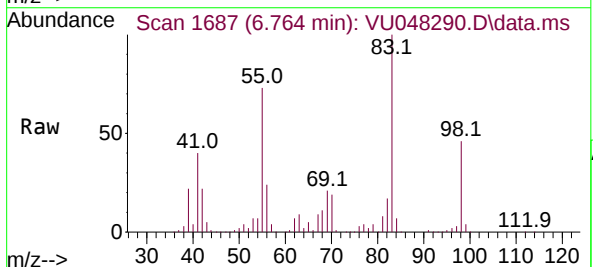
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

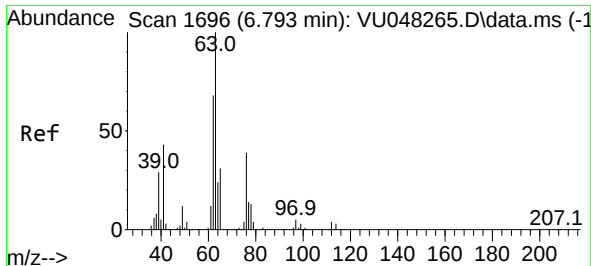
Tgt Ion: 95 Resp: 138185
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.2
132 101.3 71.6 133.0
130 106.2 73.6 136.8



#35
Methylcyclohexane
Concen: 48.510 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 83 Resp: 192501
Ion Ratio Lower Upper
83 100
55 73.9 59.4 89.2
98 46.4 37.3 55.9





#37

1,2-Dichloropropane

Concen: 50.331 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

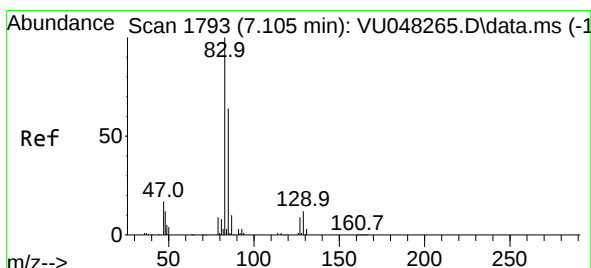
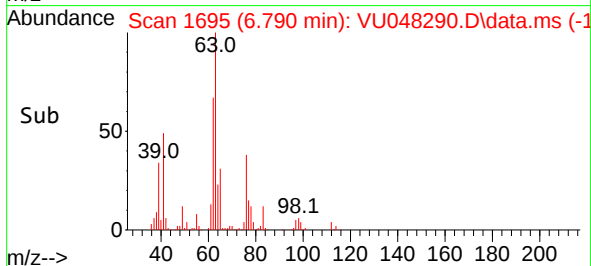
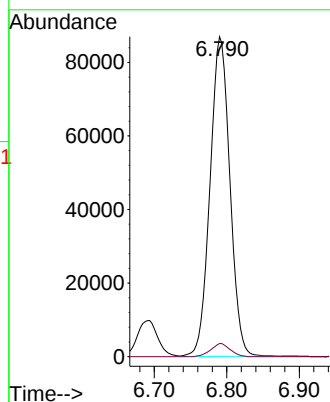
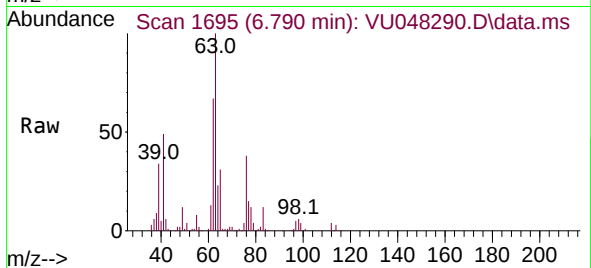
EXES2MSD

Tgt Ion: 63 Resp: 165130

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 48.744 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

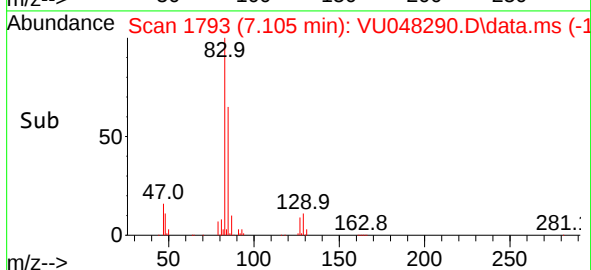
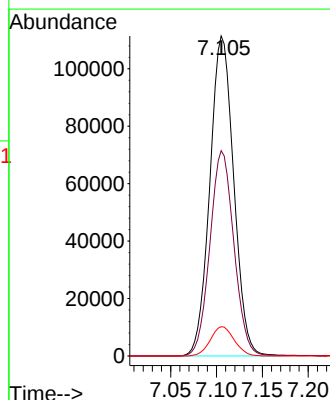
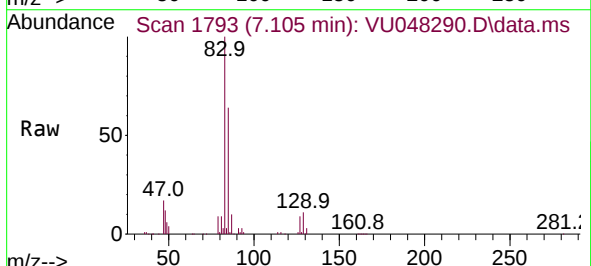
Tgt Ion: 83 Resp: 201964

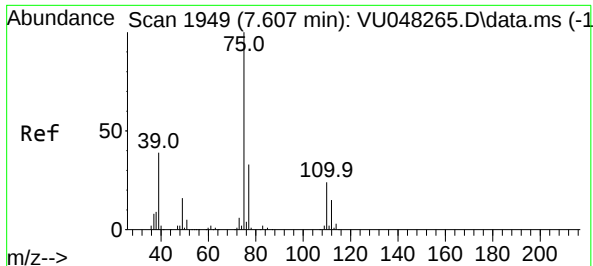
Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 48.997 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

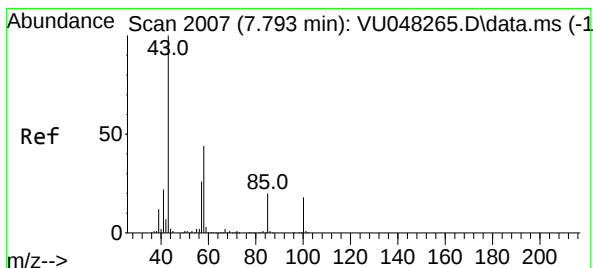
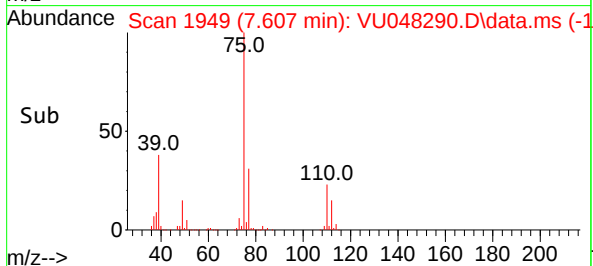
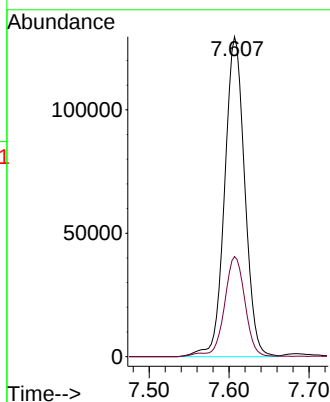
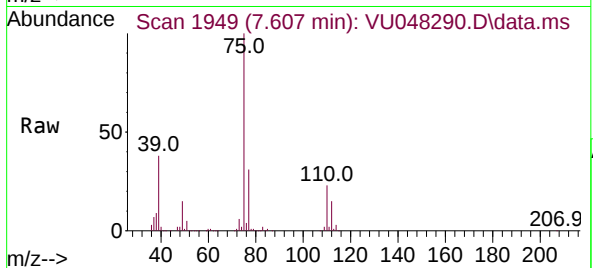
EXES2MSD

Tgt Ion: 75 Resp: 226048

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 106.314 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

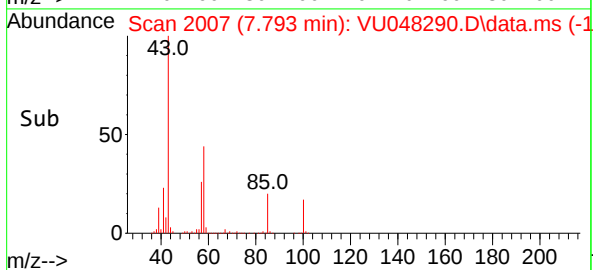
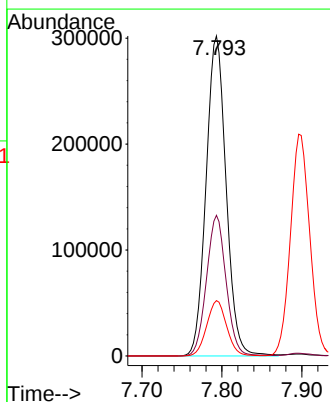
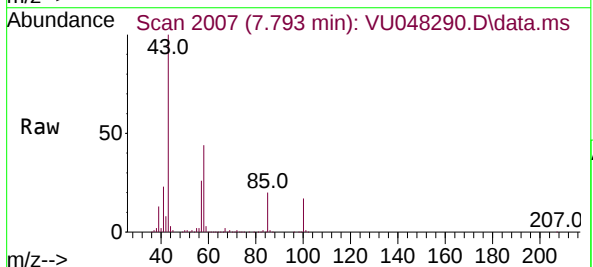
Tgt Ion: 43 Resp: 526091

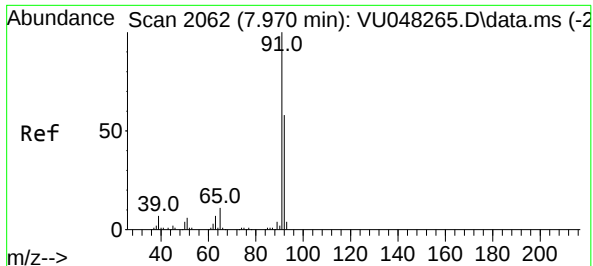
Ion Ratio Lower Upper

43 100

58 43.0 34.4 51.6

100 17.2 13.6 20.4





#42

Toluene

Concen: 52.081 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

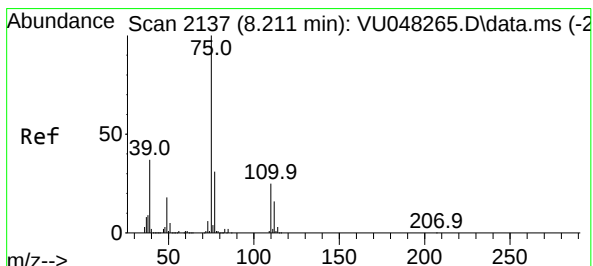
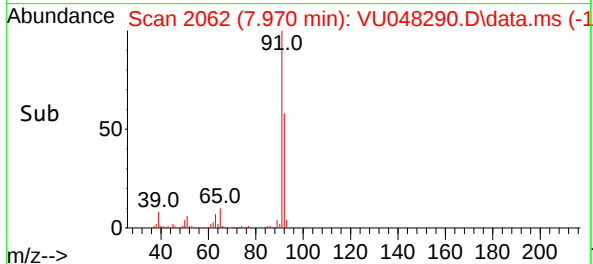
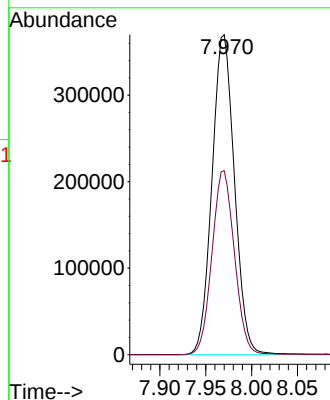
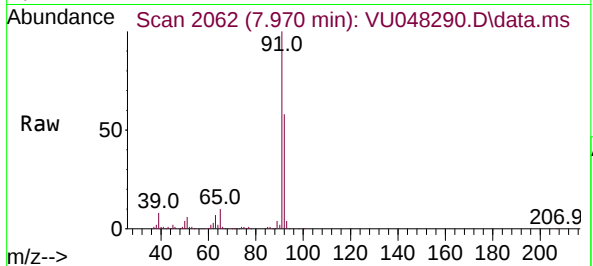
EXES2MSD

Tgt Ion: 91 Resp: 630543

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 49.482 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048290.D

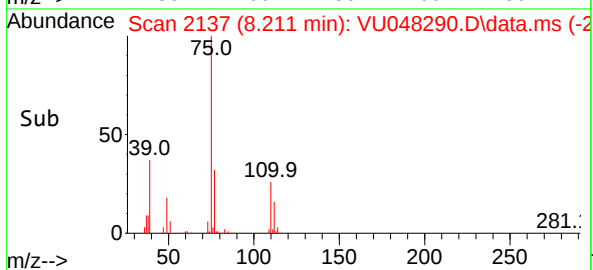
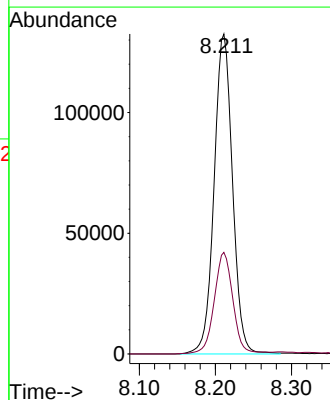
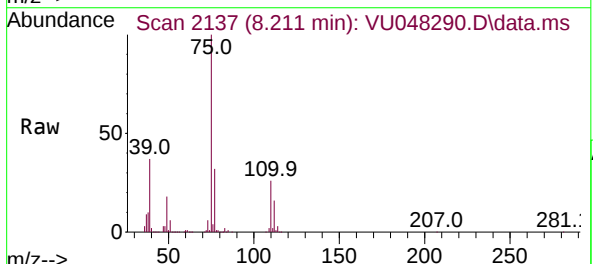
Acq: 26 Apr 2022 00:02

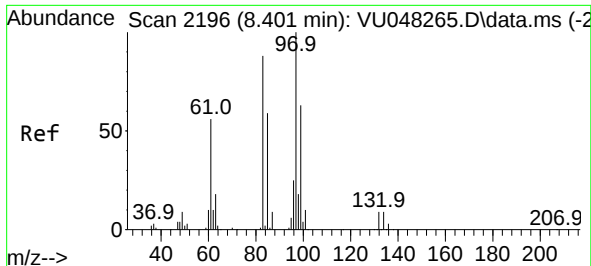
Tgt Ion: 75 Resp: 223016

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



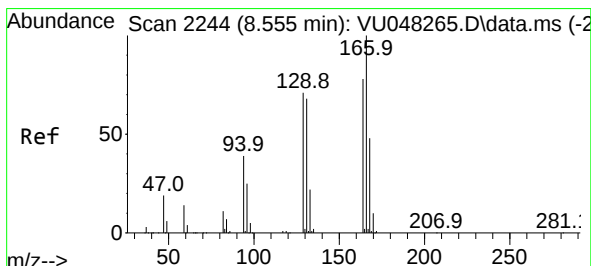
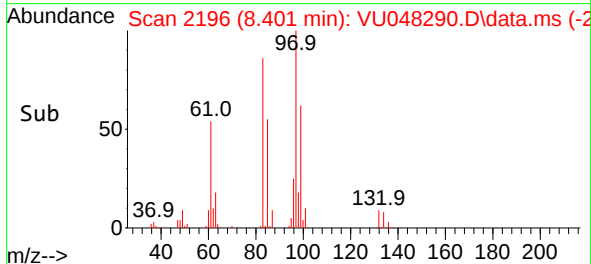
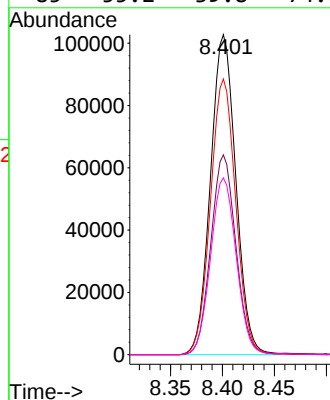
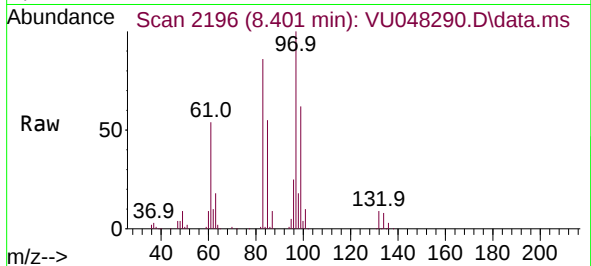


#45
1,1,2-Trichloroethane
Concen: 50.768 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

Tgt Ion: 97 Resp: 174756

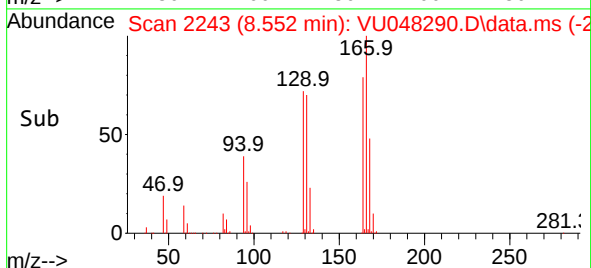
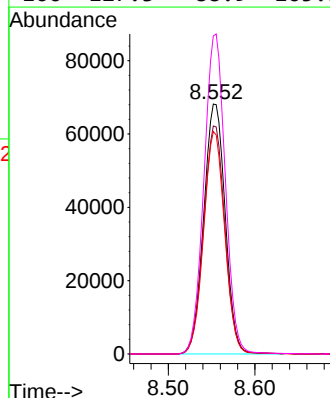
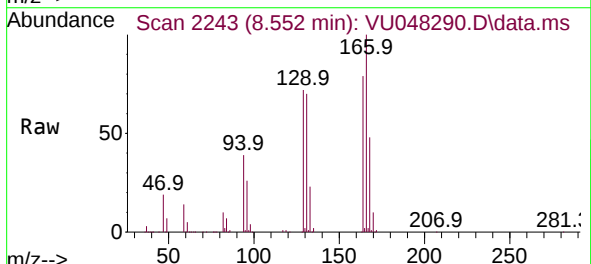
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	86.2	62.6	116.2
85	55.2	39.8	74.0

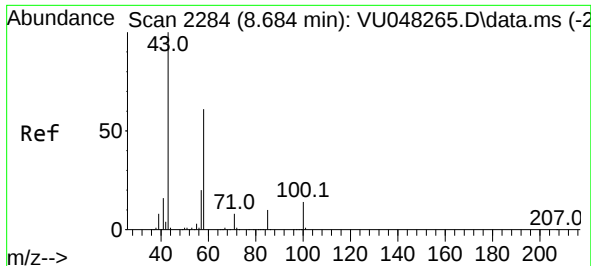


#46
Tetrachloroethene
Concen: 48.588 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 164 Resp: 117865

Ion	Ratio	Lower	Upper
164	100		
129	91.2	63.3	117.7
131	89.0	61.2	113.6
166	127.3	88.9	165.1

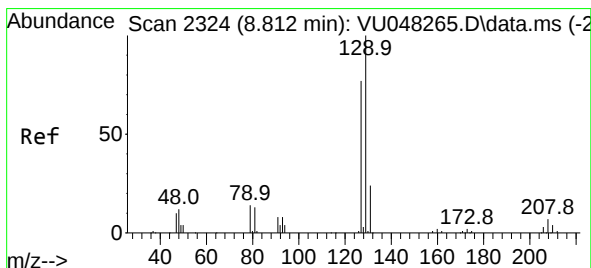
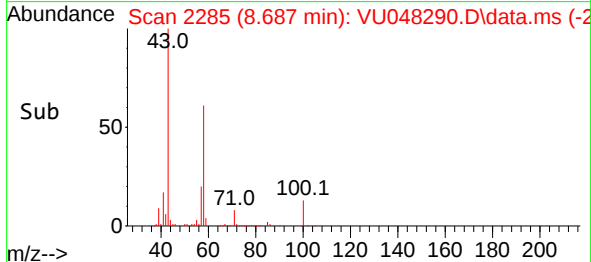
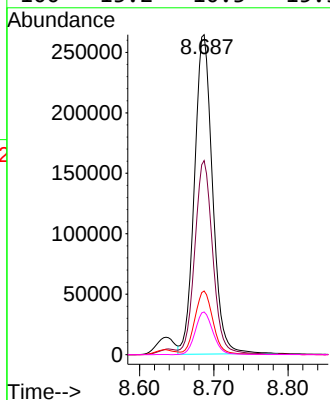
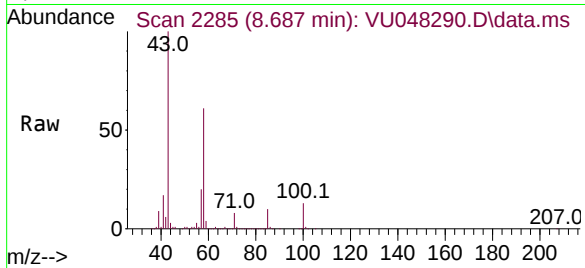




#48
2-Hexanone
Concen: 108.307 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

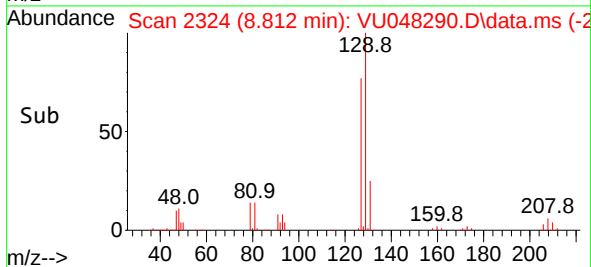
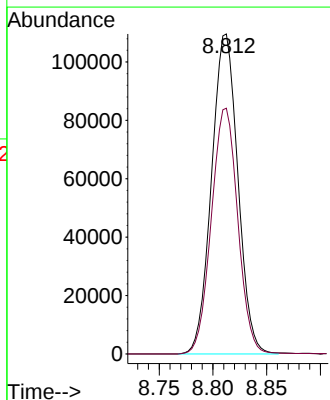
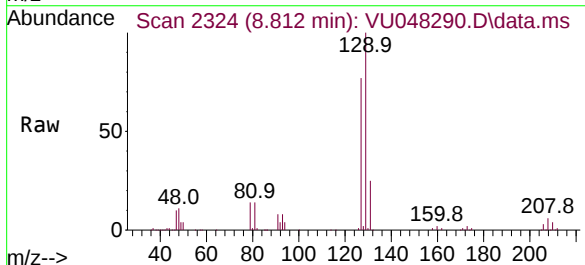
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

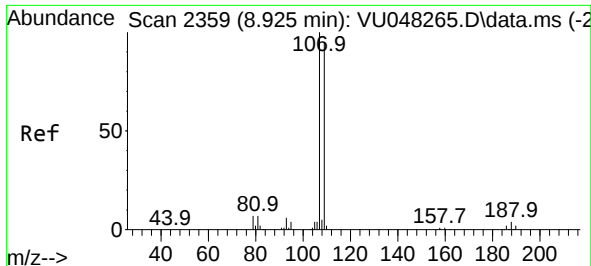
Tgt Ion: 43 Resp: 447557
Ion Ratio Lower Upper
43 100
58 60.2 48.1 72.1
57 20.0 16.2 24.4
100 13.2 10.3 15.5



#49
Dibromochloromethane
Concen: 49.455 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 129 Resp: 187065
Ion Ratio Lower Upper
129 100
127 76.8 53.8 99.8

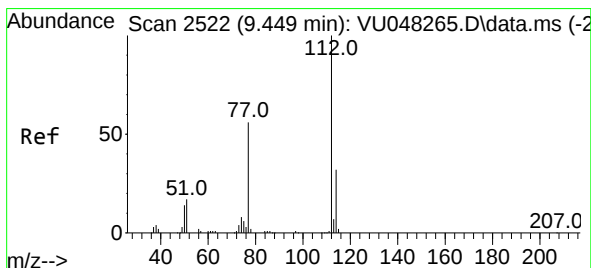
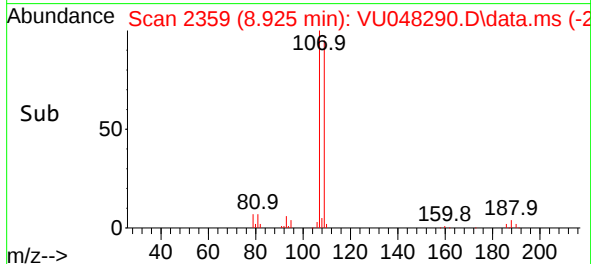
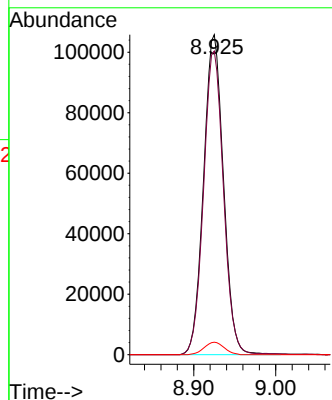
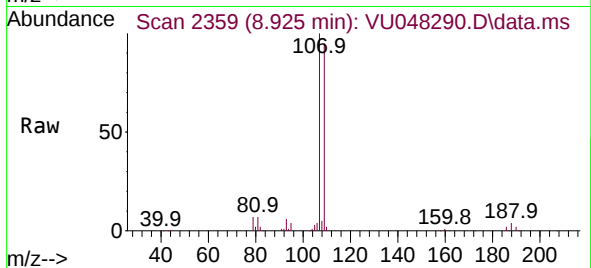




#50
1,2-Dibromoethane
Concen: 51.095 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

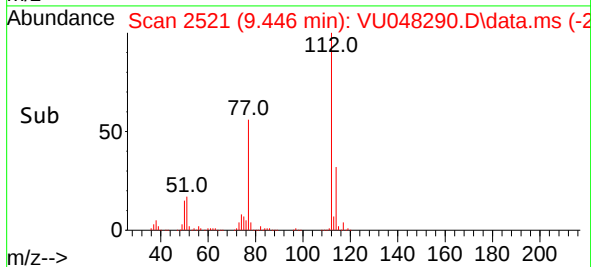
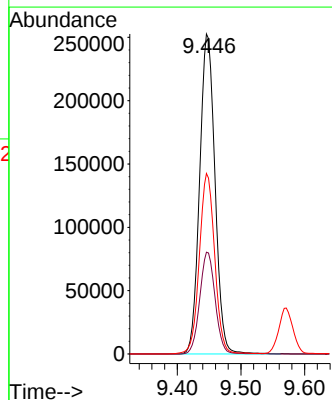
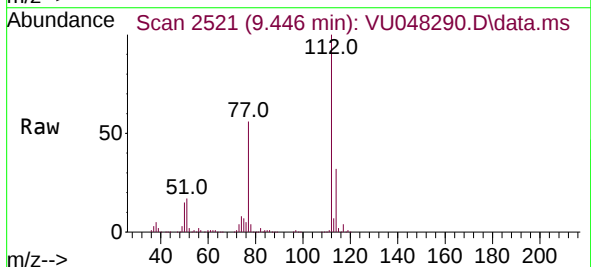
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

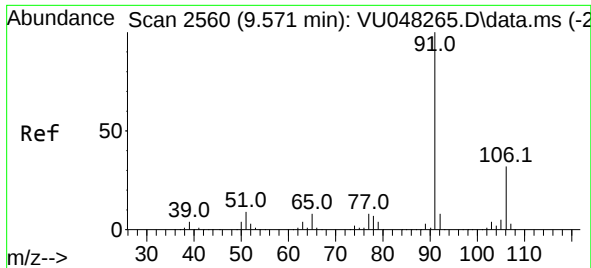
Tgt Ion:107 Resp: 178358
Ion Ratio Lower Upper
107 100
109 94.9 65.0 120.8
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 48.527 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:112 Resp: 423484
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.1
77 56.4 44.3 66.5

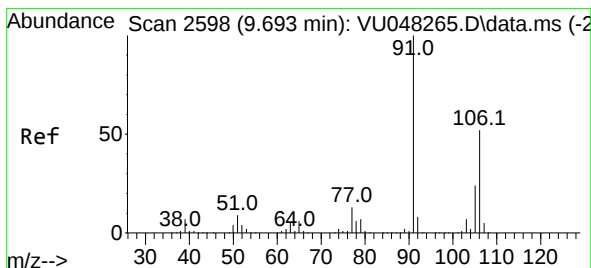
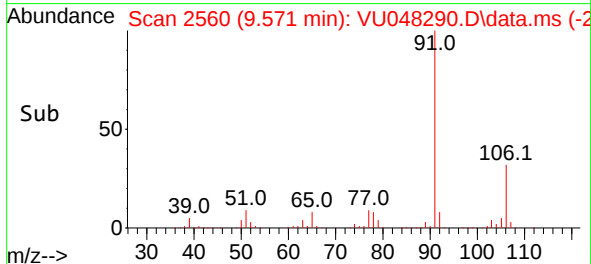
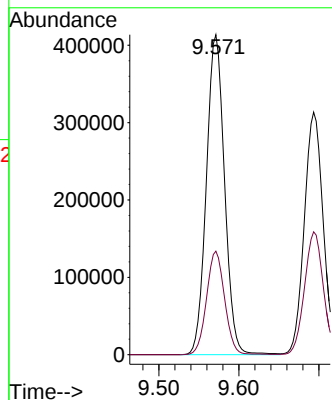
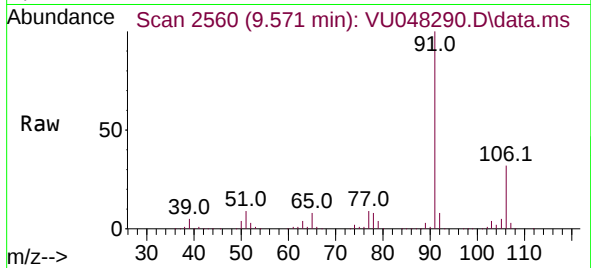




#52
Ethylbenzene
Concen: 52.250 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

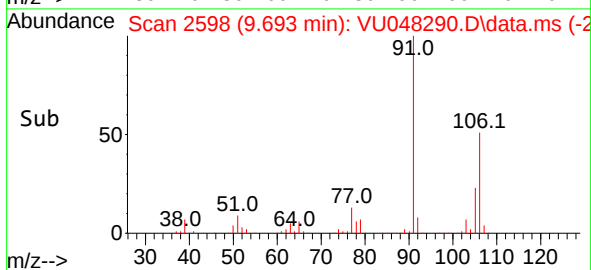
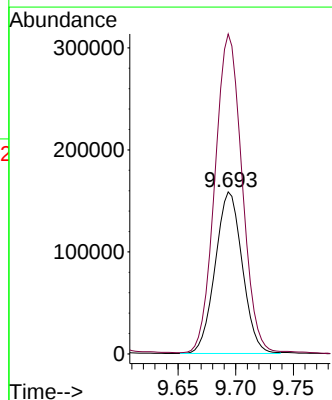
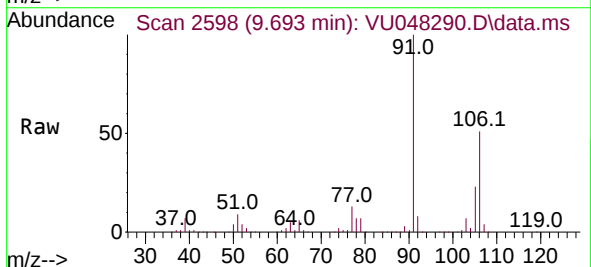
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

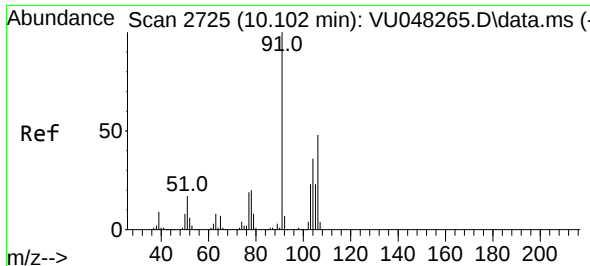
Tgt Ion: 91 Resp: 655125
Ion Ratio Lower Upper
91 100
106 32.3 22.5 41.9



#53
m,p-Xylene
Concen: 52.175 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 106 Resp: 258157
Ion Ratio Lower Upper
106 100
91 197.5 137.4 255.2

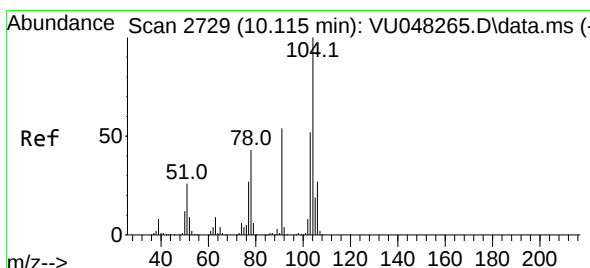
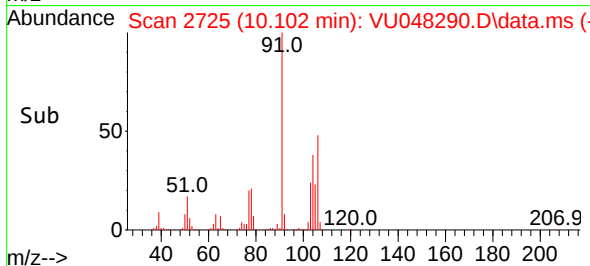
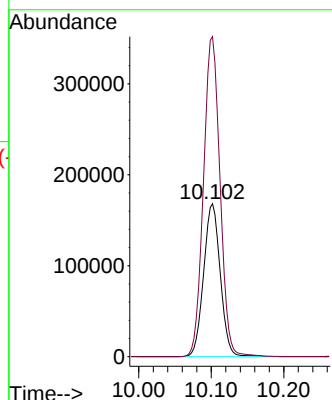
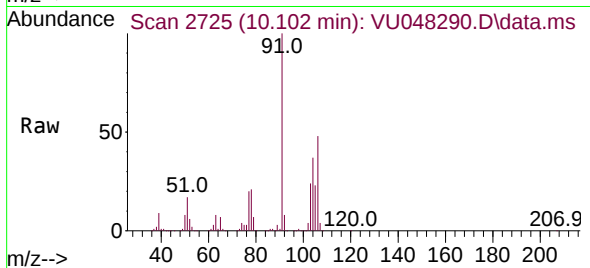




#54
o-Xylene
Concen: 53.854 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

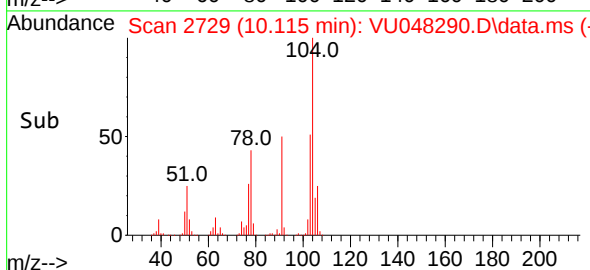
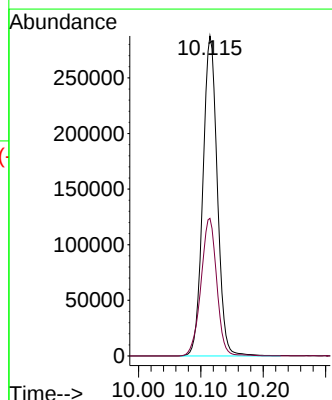
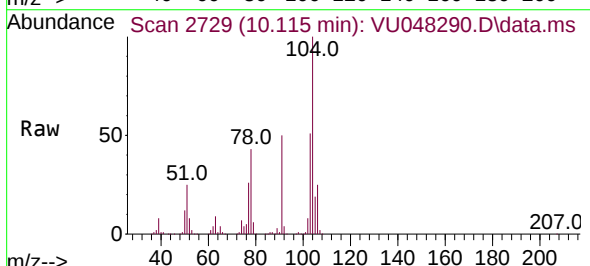
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

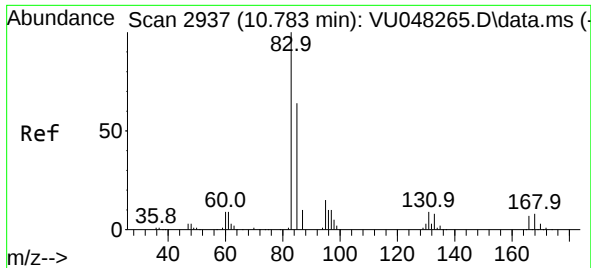
Tgt Ion:106 Resp: 268435
Ion Ratio Lower Upper
106 100
91 209.3 145.3 269.8



#55
Styrene
Concen: 54.576 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:104 Resp: 463428
Ion Ratio Lower Upper
104 100
78 43.0 30.3 56.3

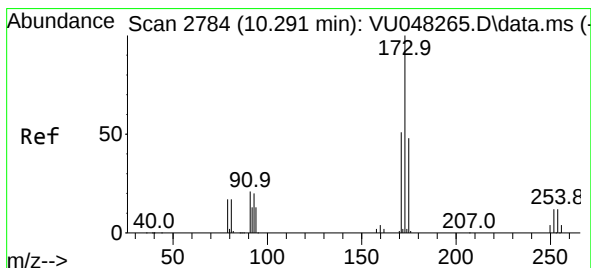
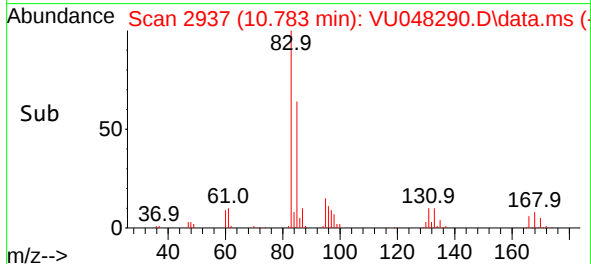
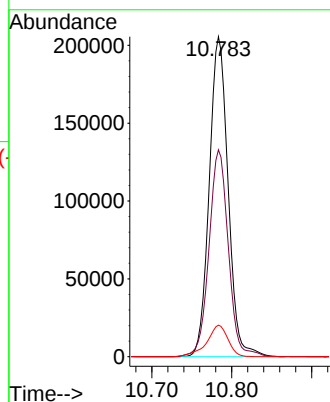
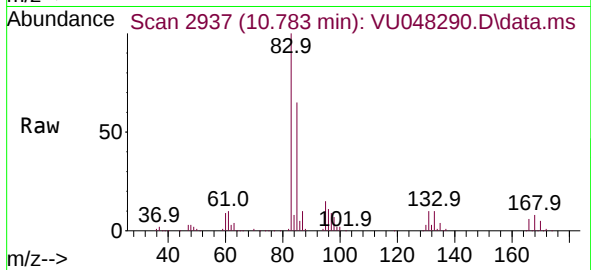




#57
1,1,2,2-Tetrachloroethane
Concen: 49.488 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

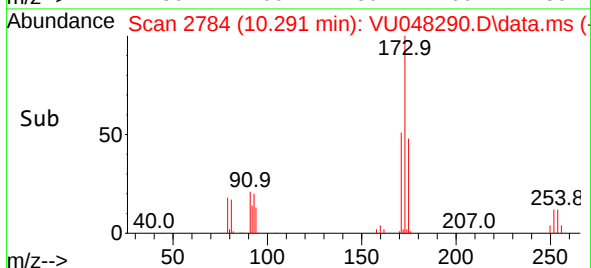
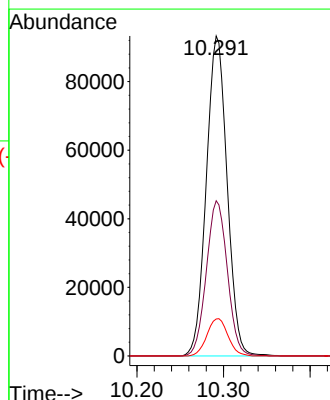
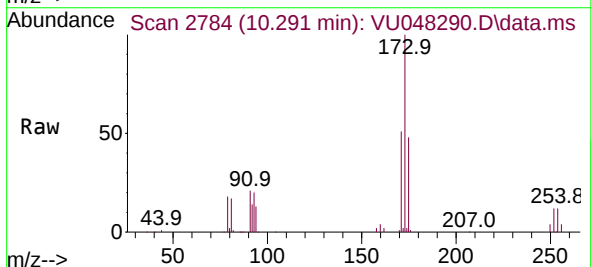
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

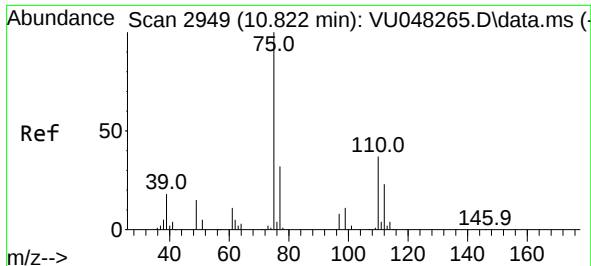
Tgt Ion: 83 Resp: 336204
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7
131 9.9 7.8 11.6



#59
Bromoform
Concen: 48.835 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:173 Resp: 155618
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
254 11.8 9.5 14.3

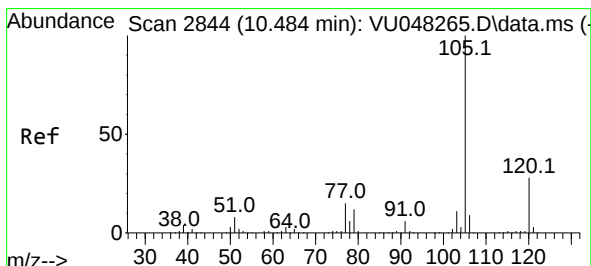
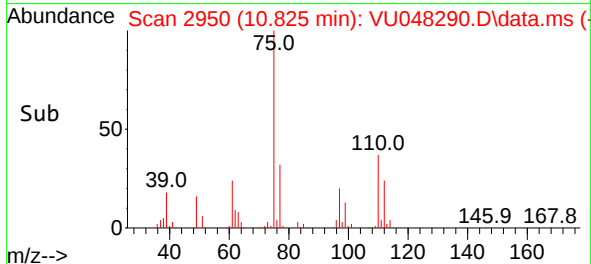
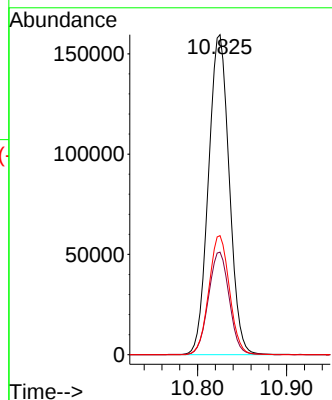
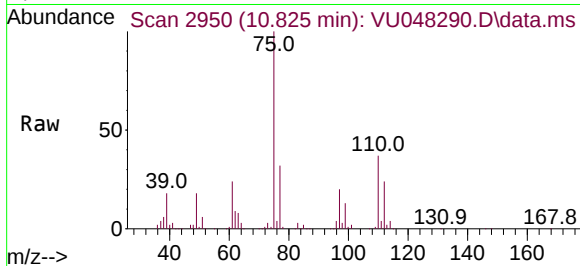




#60
1,2,3-Trichloropropane
Concen: 50.428 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

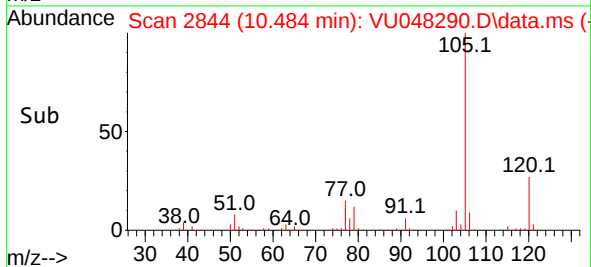
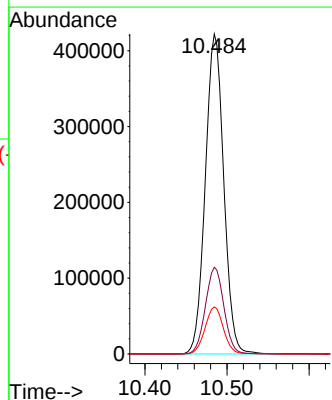
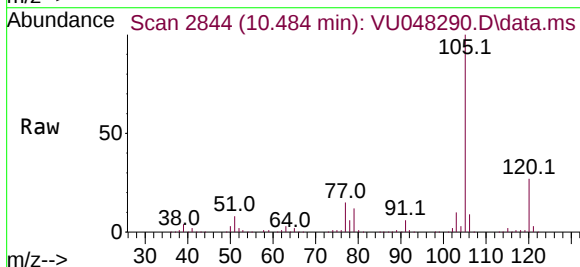
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

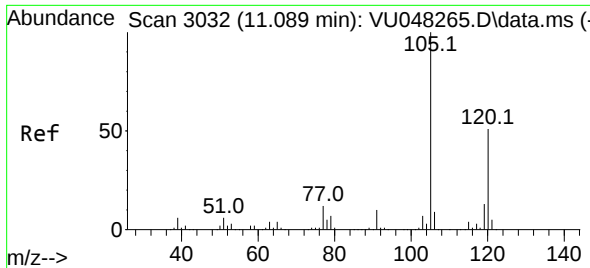
Tgt Ion: 75 Resp: 258307
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.0 29.9 44.9



#61
Isopropylbenzene
Concen: 53.665 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion: 105 Resp: 658845
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 14.7 11.7 17.5

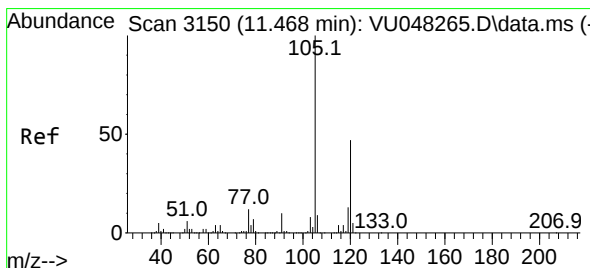
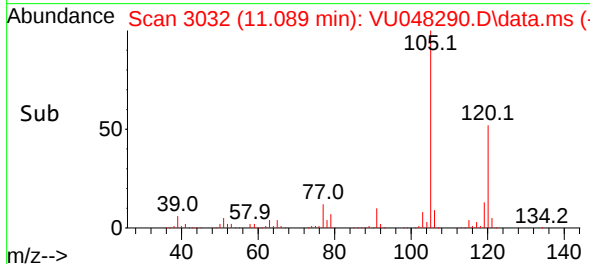
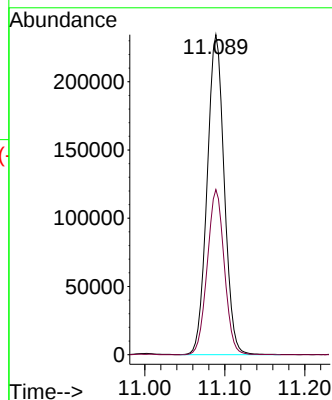
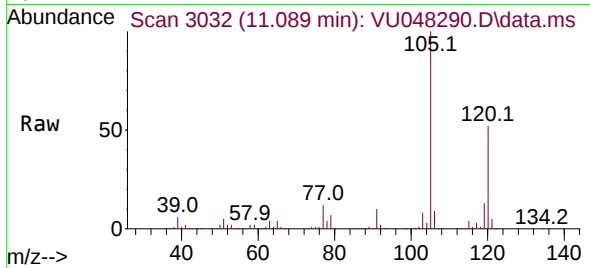




#62
 1,3,5-Trimethylbenzene
 Concen: 53.918 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

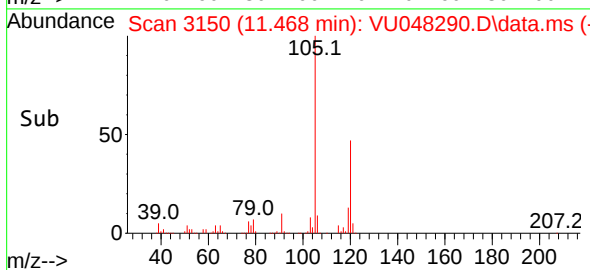
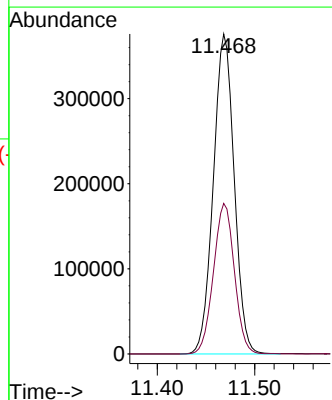
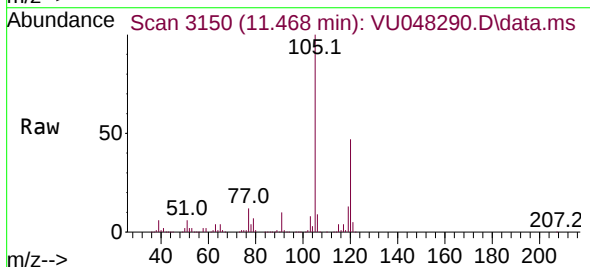
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

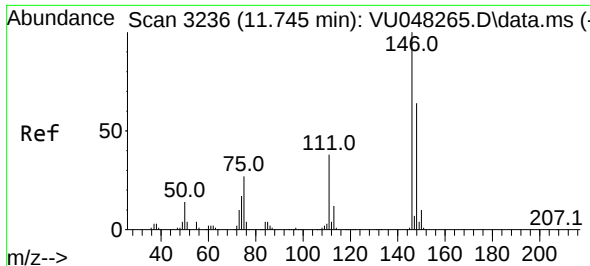
Tgt Ion:105 Resp: 348892
 Ion Ratio Lower Upper
 105 100
 120 51.4 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 56.204 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

Tgt Ion:105 Resp: 559143
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.0 57.0

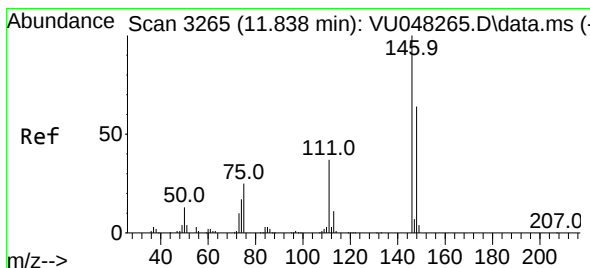
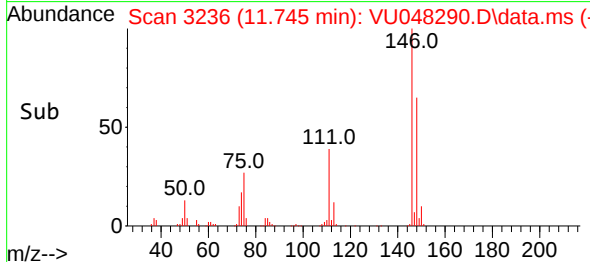
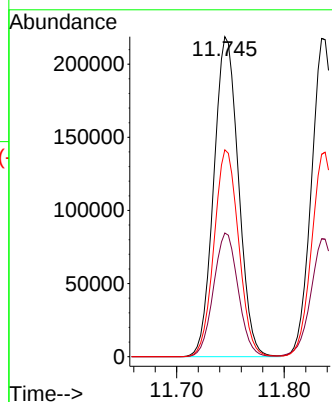
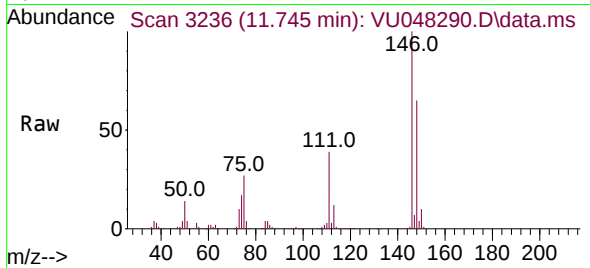




#64
1,3-Dichlorobenzene
Concen: 50.735 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

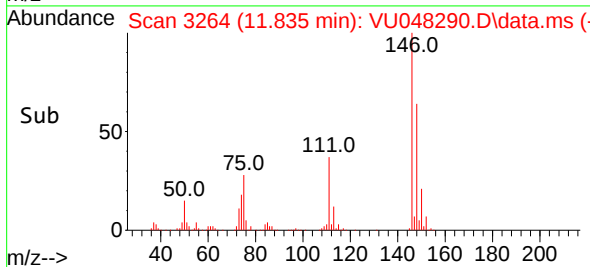
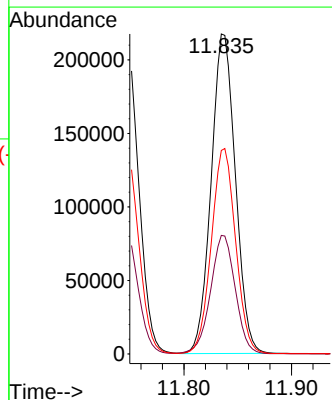
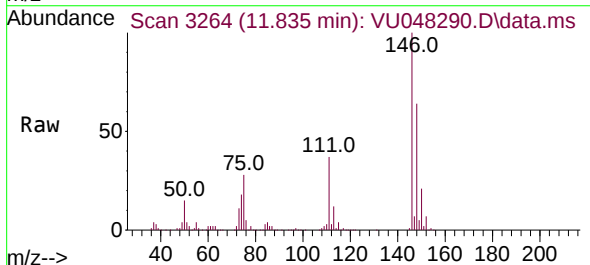
Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

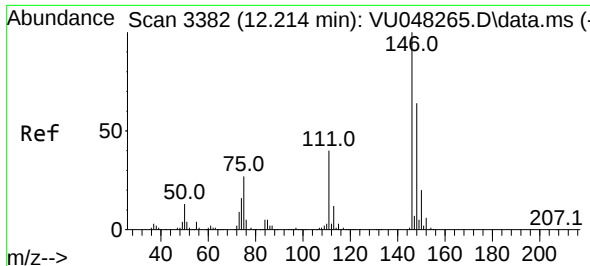
Tgt Ion:146 Resp: 349205
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 64.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 48.514 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:146 Resp: 340896
Ion Ratio Lower Upper
146 100
111 37.1 25.9 48.1
148 63.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.271 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

EXES2MSD

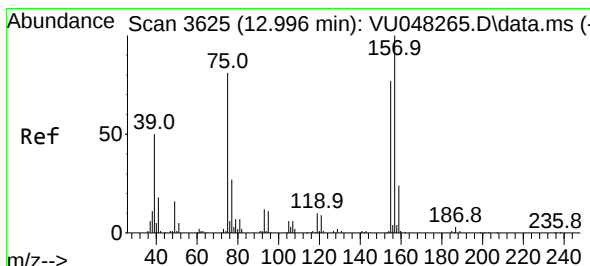
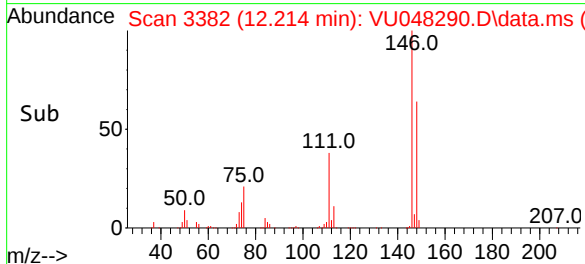
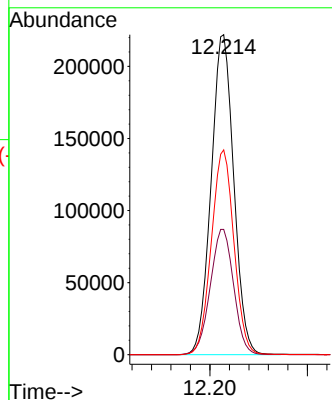
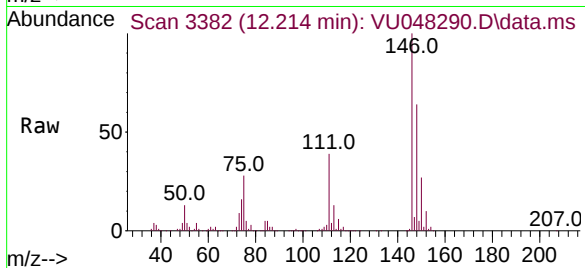
Tgt Ion:146 Resp: 357252

Ion Ratio Lower Upper

146 100

111 39.1 31.7 47.5

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 50.943 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048290.D

Acq: 26 Apr 2022 00:02

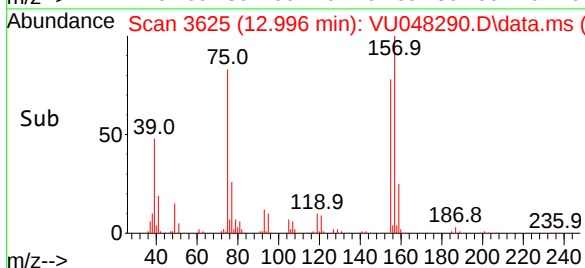
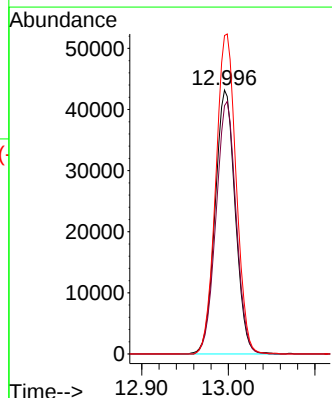
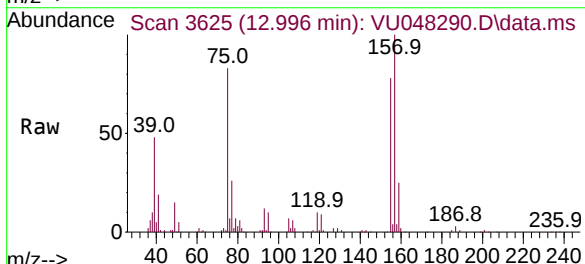
Tgt Ion: 75 Resp: 69661

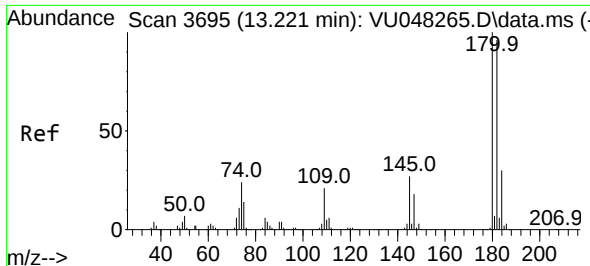
Ion Ratio Lower Upper

75 100

155 94.1 71.8 107.6

157 120.7 93.4 140.2

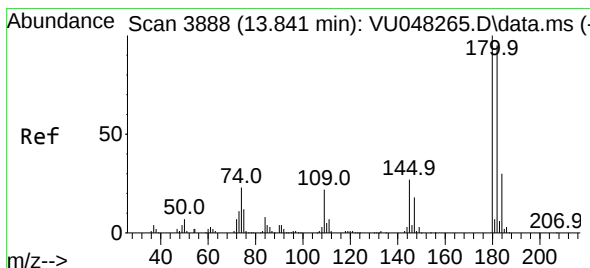
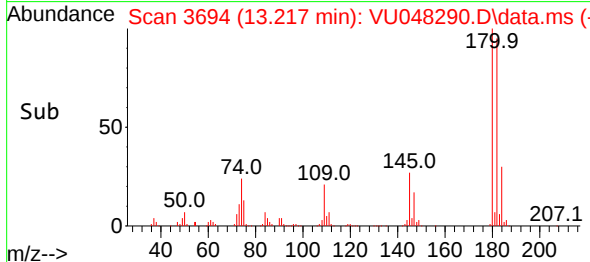
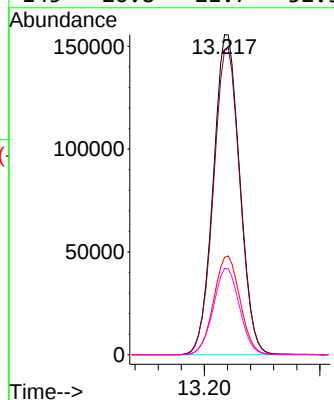
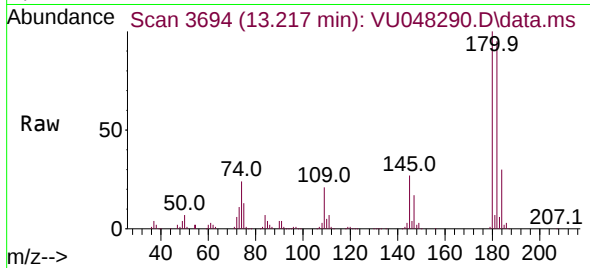




#69
 1,3,5-Trichlorobenzene
 Concen: 48.301 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

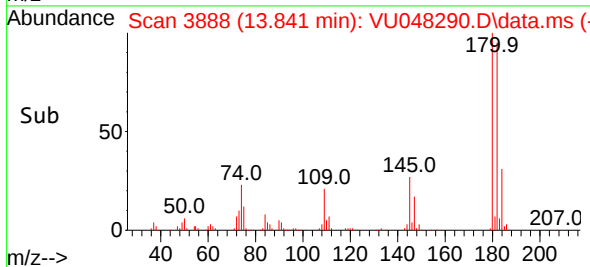
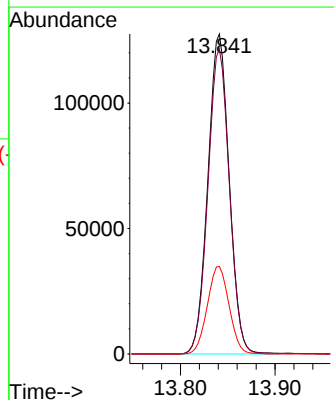
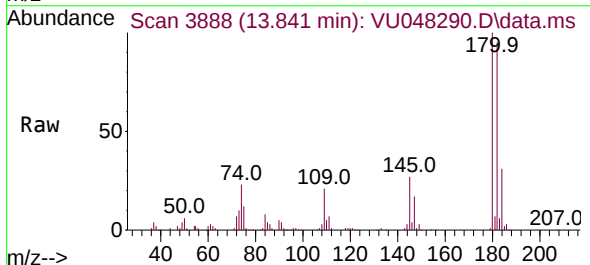
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES2MSD

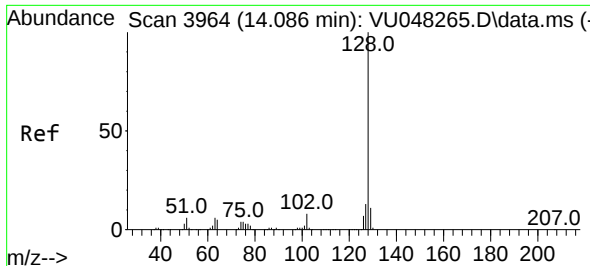
Tgt Ion:180 Resp: 247038
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 184 30.7 24.6 37.0
 145 26.8 21.7 32.5



#70
 1,2,4-trichlorobenzene
 Concen: 49.530 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048290.D
 Acq: 26 Apr 2022 00:02

Tgt Ion:180 Resp: 200130
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 145 27.8 22.6 33.8

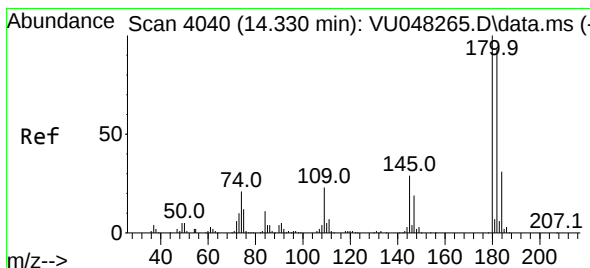
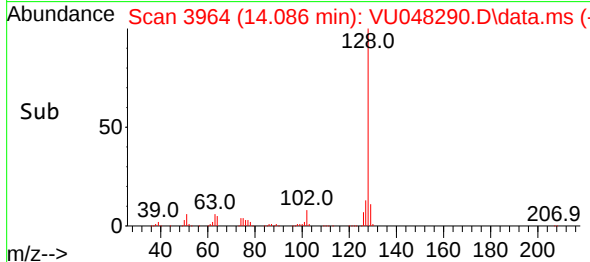
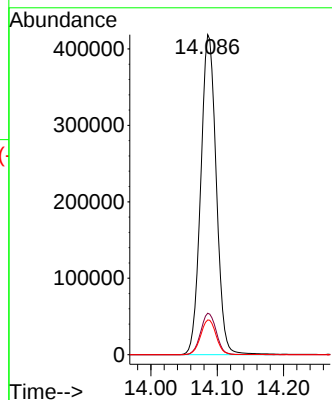
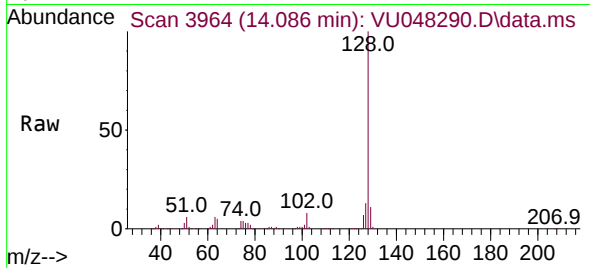




#71
Naphthalene
Concen: 58.831 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Instrument :
MSVOA_U
ClientSampleId :
EXES2MSD

Tgt Ion:128 Resp: 680285
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.167 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048290.D
Acq: 26 Apr 2022 00:02

Tgt Ion:180 Resp: 216019
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 29.3 23.5 35.3

