

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047712.D
 Acq On : 26 Mar 2022 16:27
 Operator : SY/MD
 Sample : N2081-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MS

Quant Time: Mar 28 05:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	468564	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	470515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	269441	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99215	29.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.400%#
7) Chloroethane-d5	1.916	69	116653	43.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.080%
11) 1,1-Dichloroethene-d2	2.572	63	167912	27.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.020%#
21) 2-Butanone-d5	4.629	46	346868	118.935	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.930%
24) Chloroform-d	5.067	84	256255	41.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.440%
26) 1,2-Dichloroethane-d4	5.703	65	173653	45.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
32) Benzene-d6	5.729	84	448168	37.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.700%
36) 1,2-Dichloropropane-d6	6.694	67	160366	44.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	7.899	98	380464	32.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.960%#
43) trans-1,3-Dichloroprop...	8.179	79	74557	40.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.940%
47) 2-Hexanone-d5	8.636	63	265816	124.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309022	49.523	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	179779	37.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	67616	15.565	ug/L	100
3) Chloromethane	1.523	50	129153	31.088	ug/L	99
5) Vinyl chloride	1.607	62	102162	24.112	ug/L	98
6) Bromomethane	1.861	94	80522	35.309	ug/L	98
8) Chloroethane	1.935	64	90507	34.028	ug/L	98
9) Trichlorofluoromethane	2.141	101	102254	17.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53806	15.580	ug/L	99
12) 1,1-Dichloroethene	2.584	96	74777	23.265	ug/L	92
13) Acetone	2.639	43	188800	69.564	ug/L	99
14) Carbon disulfide	2.797	76	205817	20.258	ug/L	100
15) Methyl Acetate	2.954	43	100337	23.184	ug/L	98
16) Methylene chloride	3.051	84	123729	33.546	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	87376	25.204	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	392115	40.091	ug/L	99
19) 1,1-Dichloroethane	3.874	63	268526	44.912	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	151259	39.798	ug/L	95
22) 2-Butanone	4.710	43	286550	81.962	ug/L	97
23) Bromochloromethane	4.977	128	72171	34.586	ug/L	99
25) Chloroform	5.092	83	205766	31.966	ug/L	98

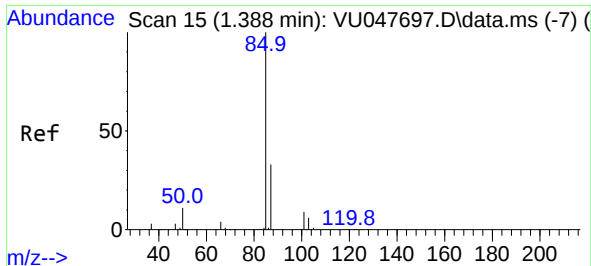
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	173586	34.904	ug/L	99
29) Cyclohexane	5.391	56	75992	15.916	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	338899	63.522	ug/L	99
31) Carbon tetrachloride	5.526	117	97438	20.225	ug/L	100
33) Benzene	5.777	78	392763	28.839	ug/L	100
34) Trichloroethene	6.542	95	88797	24.869	ug/L	98
35) Methylcyclohexane	6.764	83	79459	14.628	ug/L	99
37) 1,2-Dichloropropane	6.790	63	115447	33.345	ug/L	100
38) Bromodichloromethane	7.108	83	158088	33.251	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	150894	28.089	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	492000	89.913	ug/L	99
42) Toluene	7.970	91	369460	24.724	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	158528	29.555	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	129192	35.184	ug/L	99
46) Tetrachloroethene	8.552	164	69290	21.595	ug/L	98
48) 2-Hexanone	8.687	43	428227	90.978	ug/L	99
49) Dibromochloromethane	8.809	129	142074	33.406	ug/L	98
50) 1,2-Dibromoethane	8.925	107	144195	35.029	ug/L	99
51) Chlorobenzene	9.446	112	245955	24.240	ug/L	98
52) Ethylbenzene	9.571	91	328135	20.884	ug/L	99
53) m,p-Xylene	9.693	106	128911	20.909	ug/L	96
54) o-Xylene	10.102	106	138891	22.953	ug/L	99
55) Styrene	10.115	104	252709	24.461	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	251768	36.574	ug/L	98
59) Bromoform	10.291	173	122668	35.603	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	200578	39.488	ug/L	99
61) Isopropylbenzene	10.484	105	291076	19.989	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	161261	20.410	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	266971	22.245	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	184723	22.823	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	189247	22.574	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	207568	25.630	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	65370	40.177	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	131319	19.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	127957	22.224	ug/L	99
71) Naphthalene	14.086	128	543602	31.668	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	141049	24.437	ug/L	99

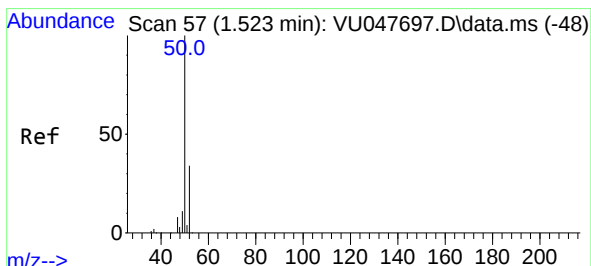
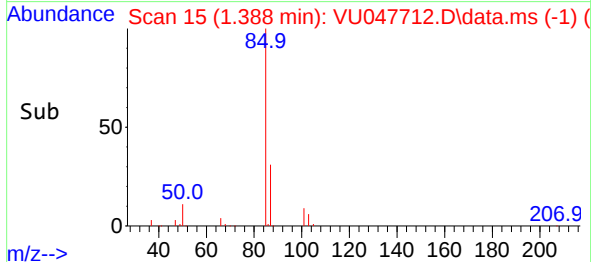
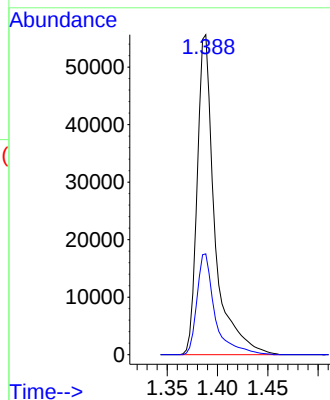
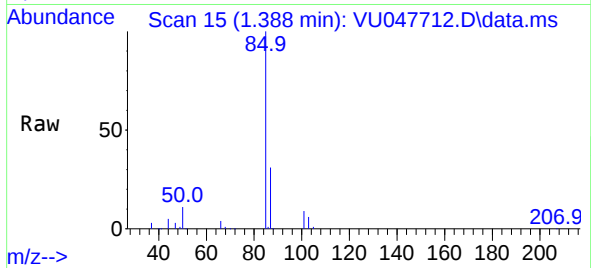
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 15.565 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

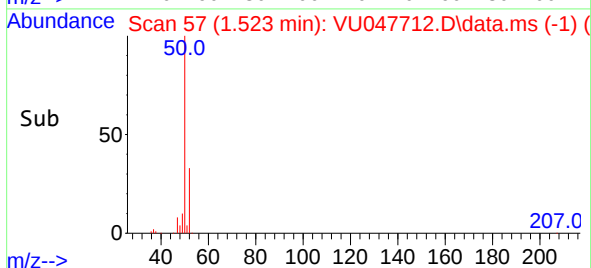
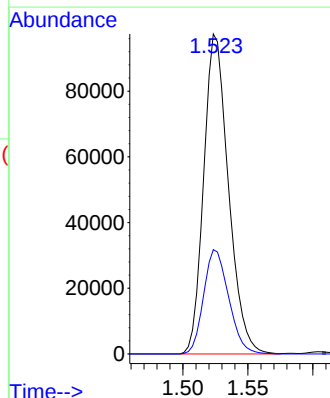
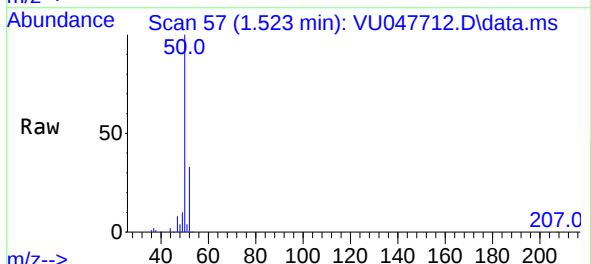
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

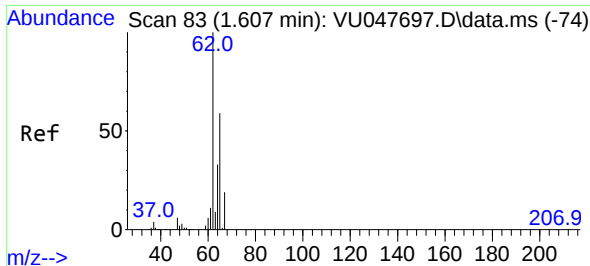
Tgt Ion: 85 Resp: 67616
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 31.088 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 50 Resp: 129153
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

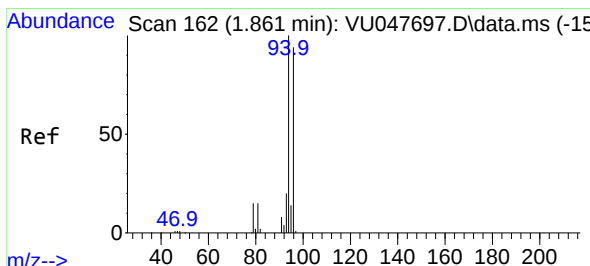
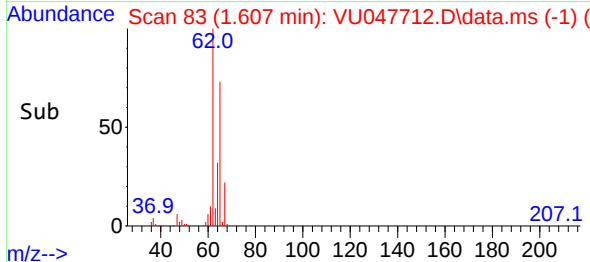
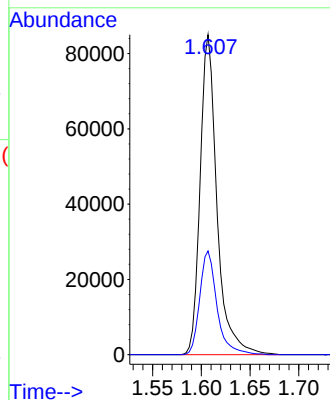
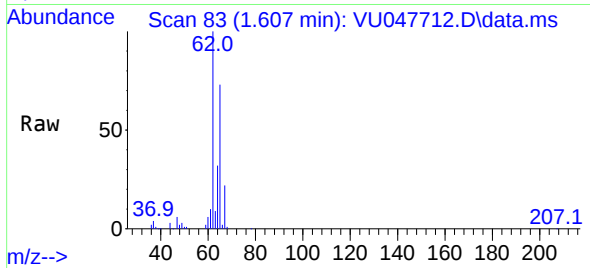




#5
 Vinyl chloride
 Concen: 24.112 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047712.D
 Acq: 26 Mar 2022 16:27

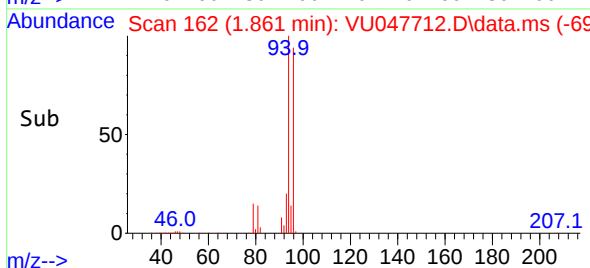
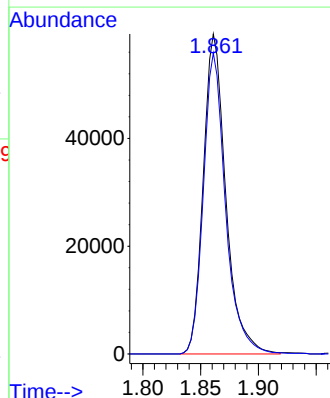
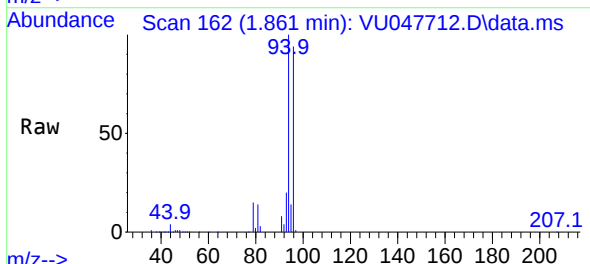
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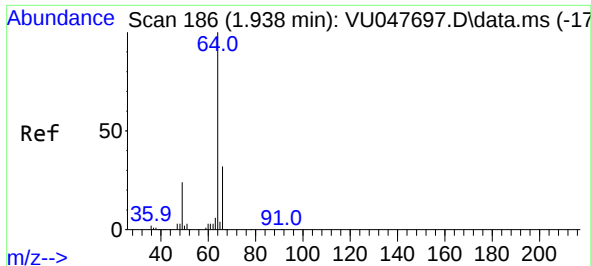
Tgt Ion: 62 Resp: 102162
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#6
 Bromomethane
 Concen: 35.309 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047712.D
 Acq: 26 Mar 2022 16:27

Tgt Ion: 94 Resp: 80522
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.8 120.3

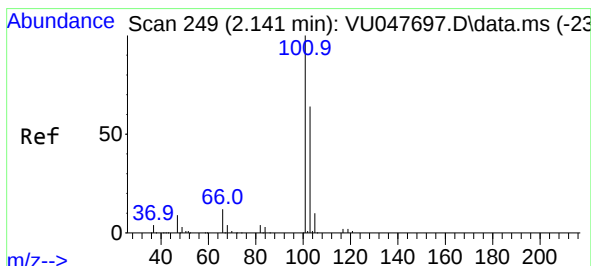
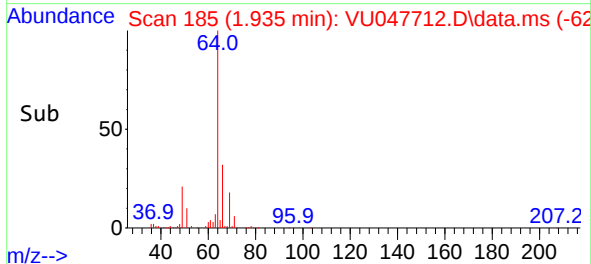
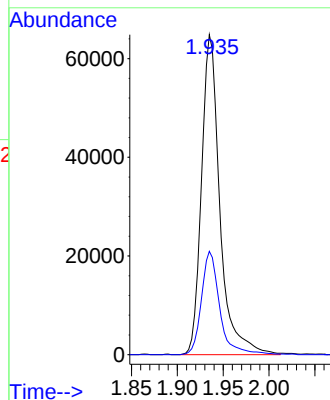
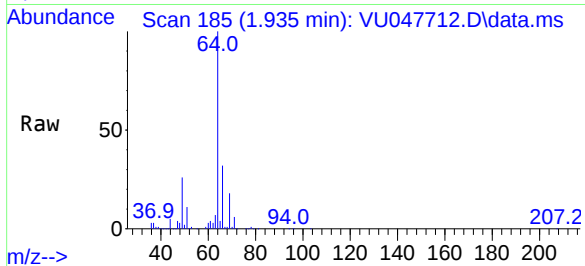




#8
Chloroethane
Concen: 34.028 ug/L
RT: 1.935 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

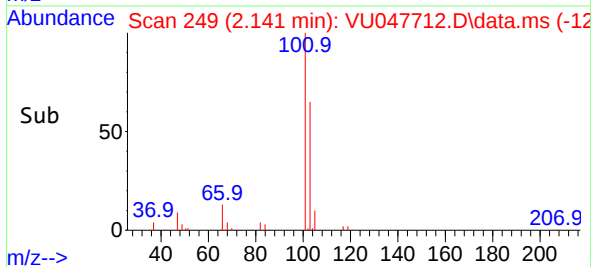
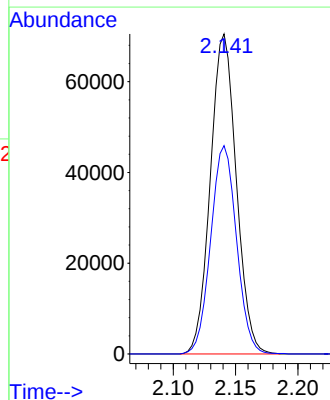
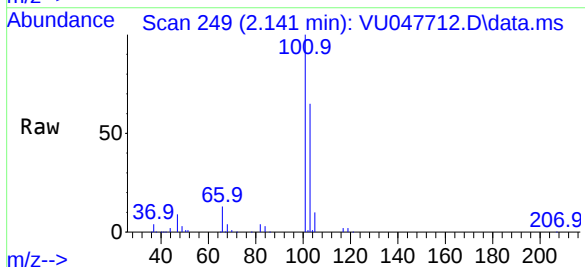
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ClientSampleId :
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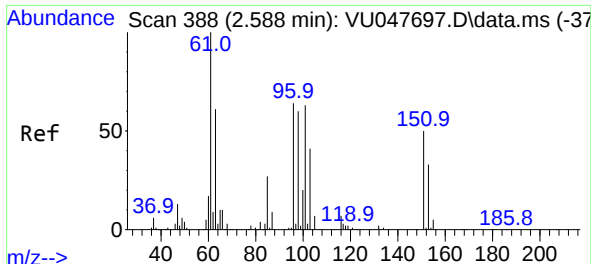
Tgt Ion: 64 Resp: 90507
Ion Ratio Lower Upper
64 100
66 32.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 17.114 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:101 Resp: 102254
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

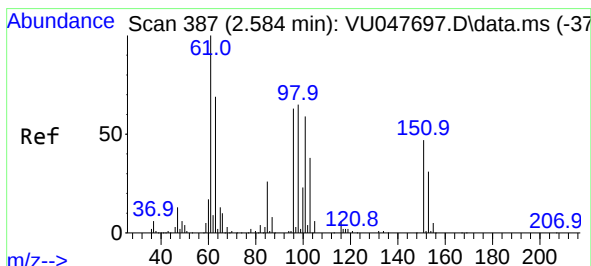
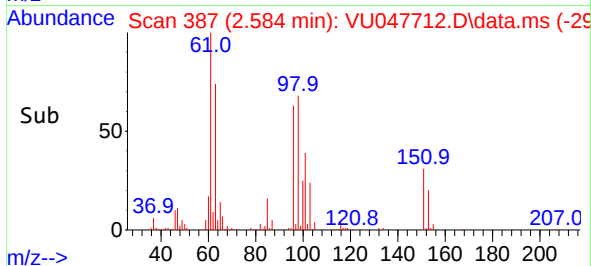
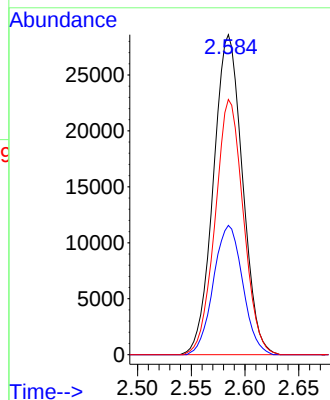
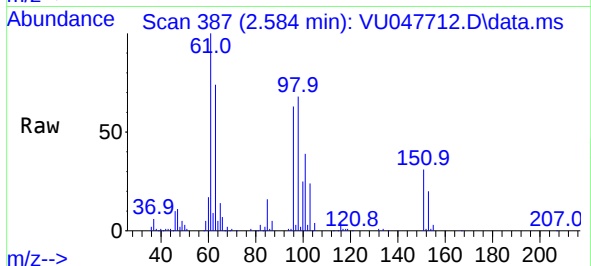




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.580 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

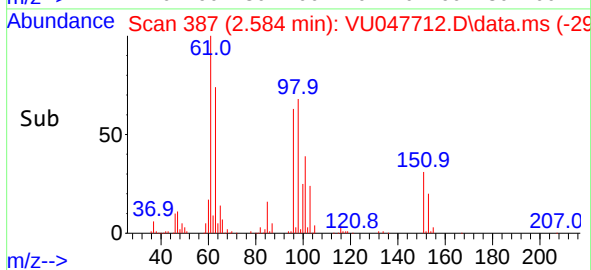
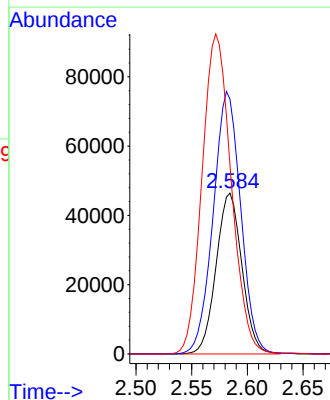
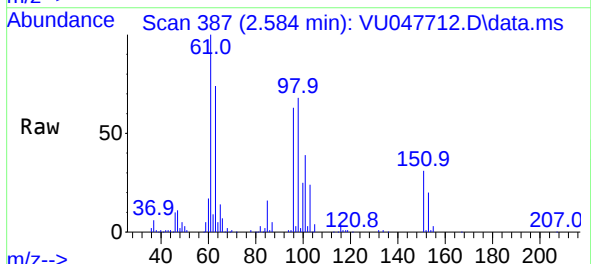
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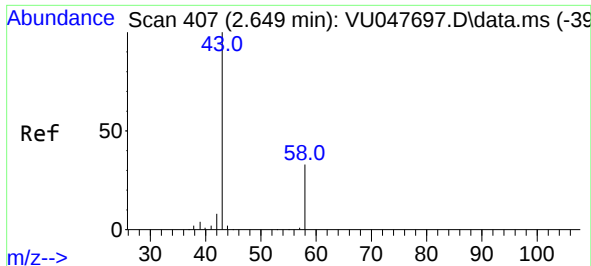
Tgt Ion:101 Resp: 53806
Ion Ratio Lower Upper
101 100
85 40.7 32.8 49.2
151 77.5 63.0 94.6



#12
1,1-Dichloroethene
Concen: 23.265 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 96 Resp: 74777
Ion Ratio Lower Upper
96 100
61 158.6 113.1 210.1
63 117.7 94.8 176.0





#13

Acetone

Concen: 69.564 ug/L

RT: 2.639 min Scan# 407

Delta R.T. -0.010 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

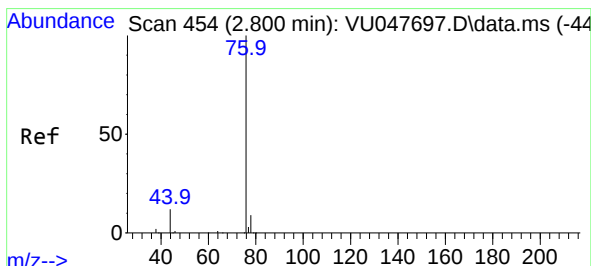
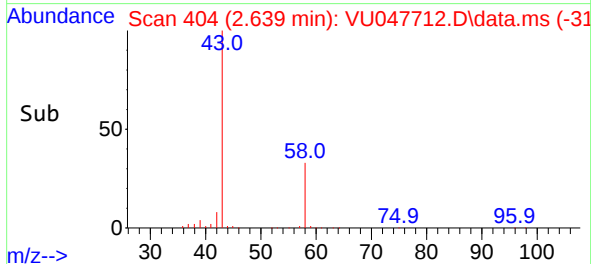
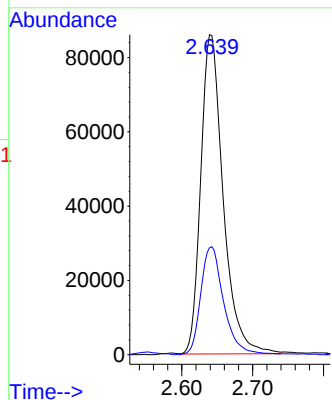
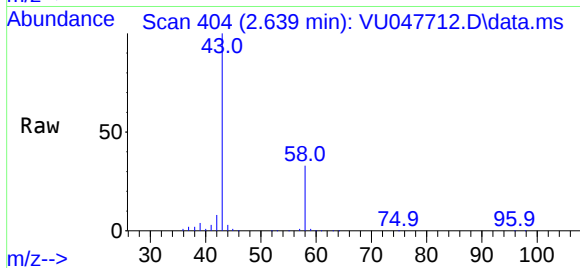
EW5X6MS

Tgt Ion: 43 Resp: 188800

Ion Ratio Lower Upper

43 100

58 34.6 0.0 70.0



#14

Carbon disulfide

Concen: 20.258 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU047712.D

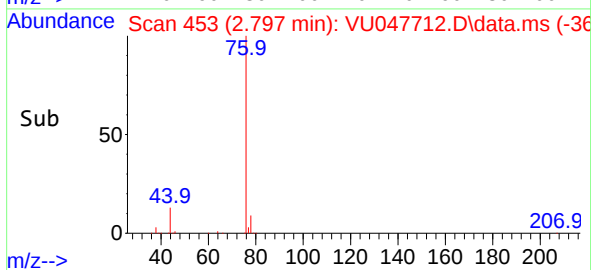
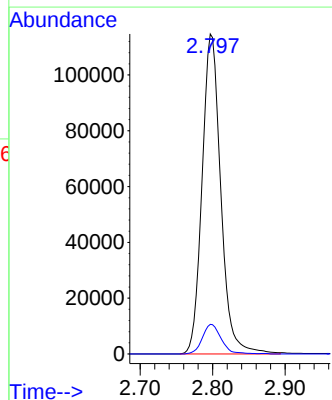
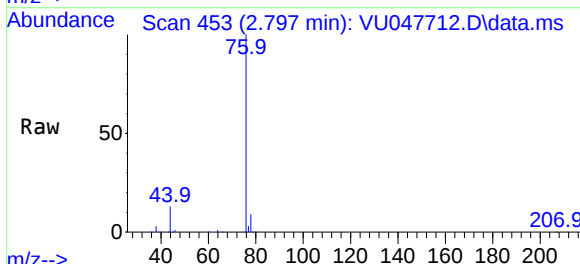
Acq: 26 Mar 2022 16:27

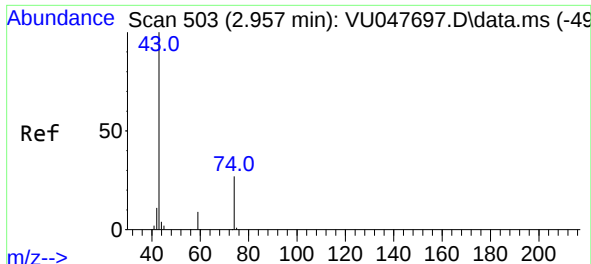
Tgt Ion: 76 Resp: 205817

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 23.184 ug/L

RT: 2.954 min Scan# 503

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

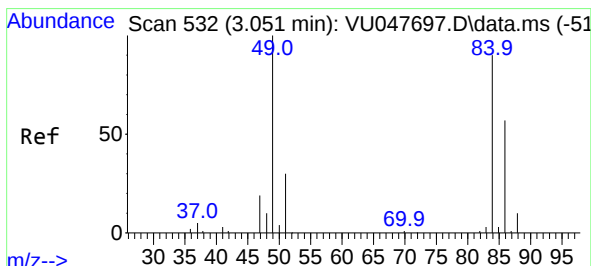
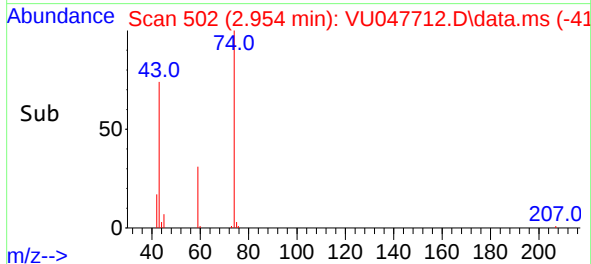
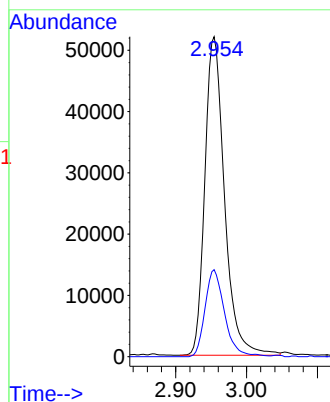
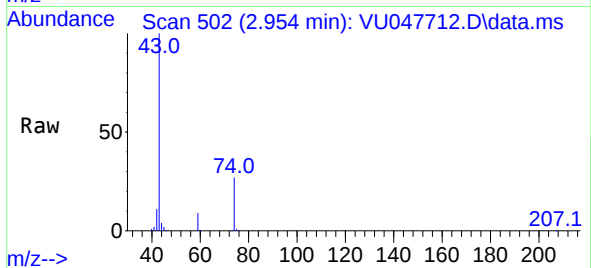
EW5X6MS

Tgt Ion: 43 Resp: 100337

Ion Ratio Lower Upper

43 100

74 26.7 22.2 33.2



#16

Methylene chloride

Concen: 33.546 ug/L

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

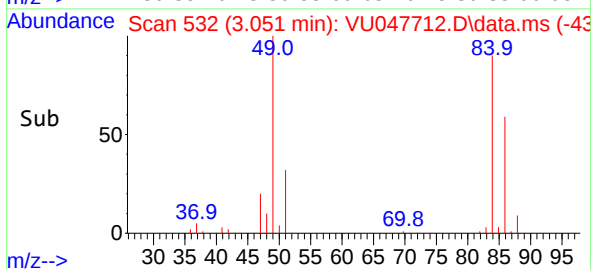
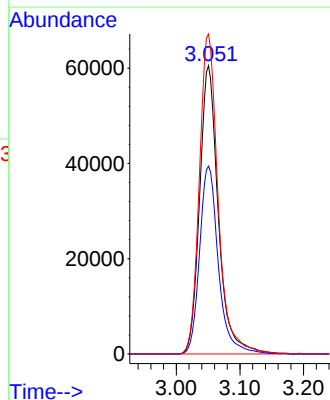
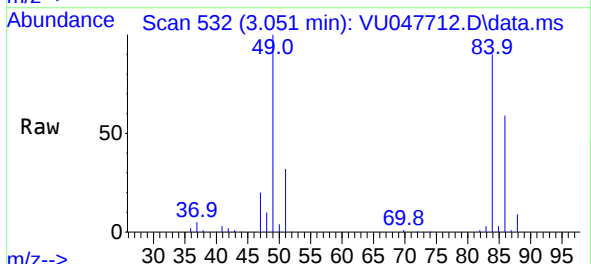
Tgt Ion: 84 Resp: 123729

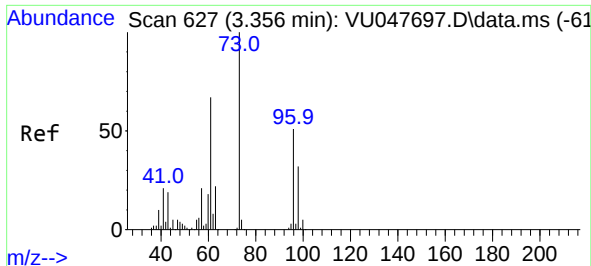
Ion Ratio Lower Upper

84 100

86 65.1 46.0 85.4

49 111.0 75.3 139.8

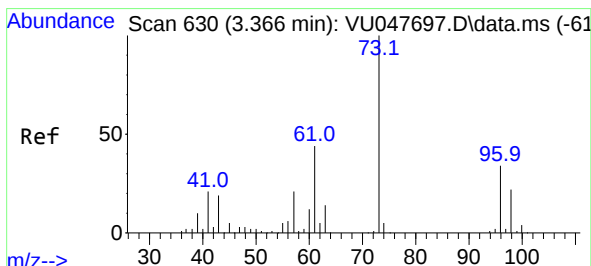
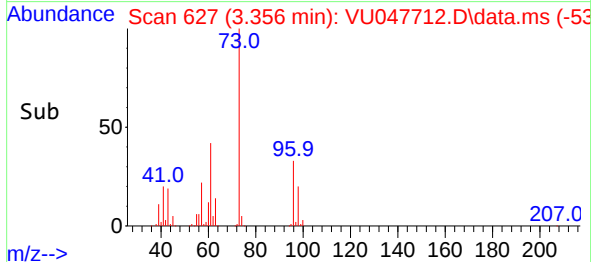
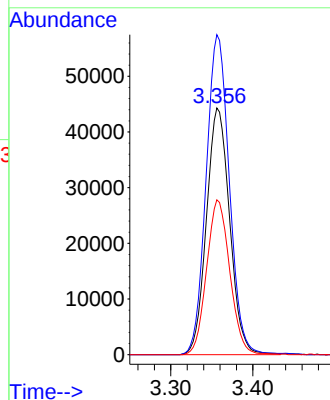
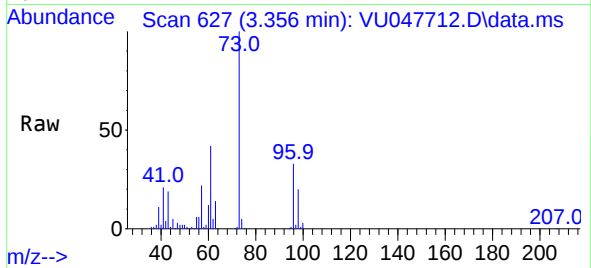




#17
trans-1,2-Dichloroethene
Concen: 25.204 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

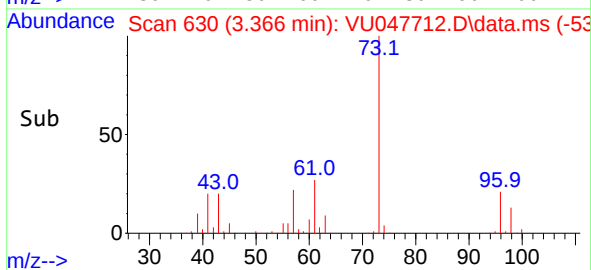
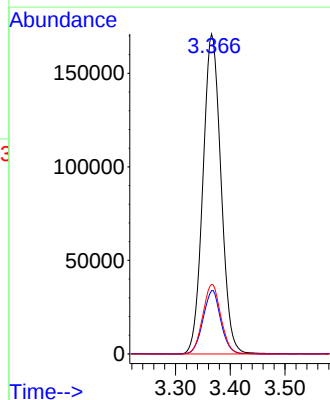
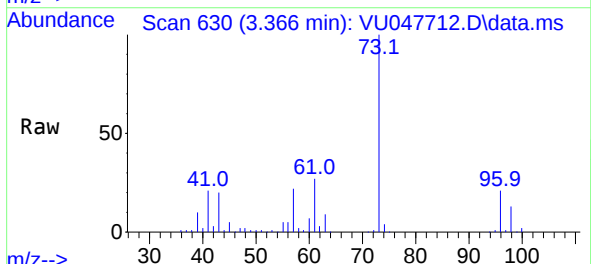
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

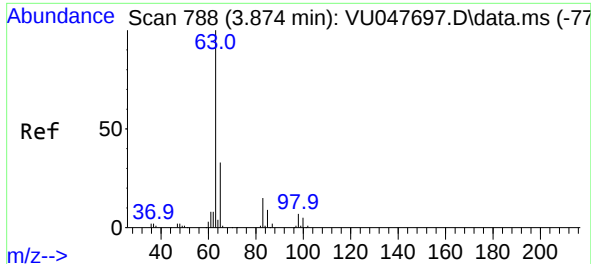
Tgt Ion: 96 Resp: 87376
Ion Ratio Lower Upper
96 100
61 129.7 88.4 164.2
98 62.8 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 40.091 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 73 Resp: 392115
Ion Ratio Lower Upper
73 100
43 19.5 15.3 22.9
57 21.7 17.0 25.6

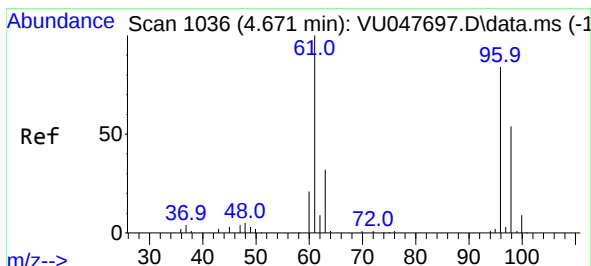
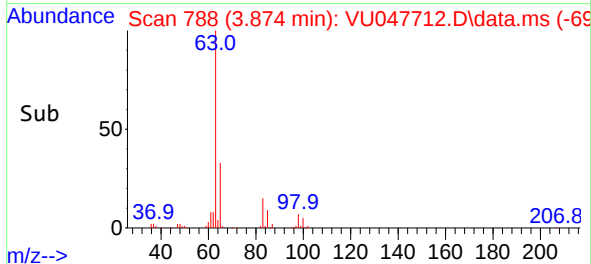
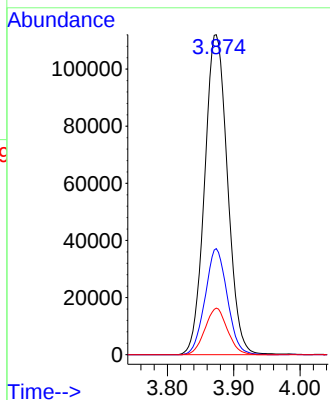
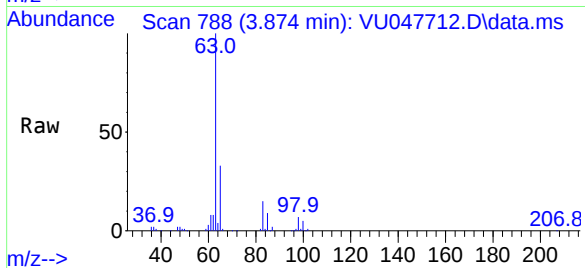




#19
1,1-Dichloroethane
Concen: 44.912 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

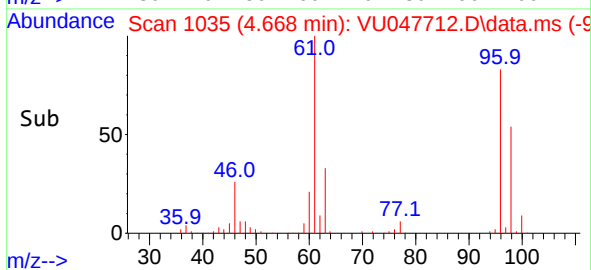
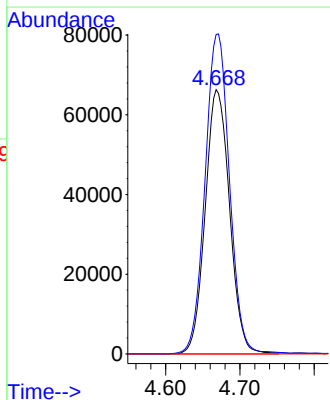
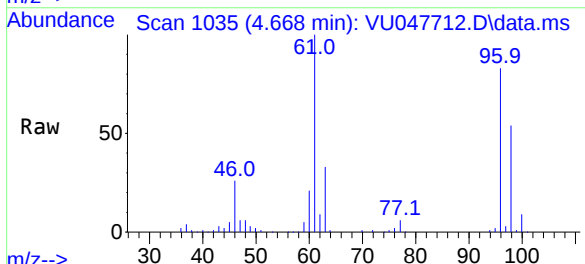
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

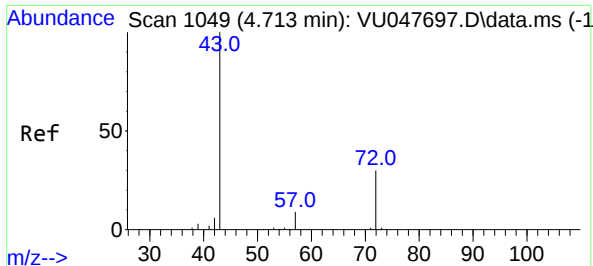
Tgt Ion: 63 Resp: 268526
Ion Ratio Lower Upper
63 100
65 33.1 22.0 41.0
83 14.6 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 39.798 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 96 Resp: 151259
Ion Ratio Lower Upper
96 100
61 120.9 80.7 149.9
68 0.0 0.0 0.0

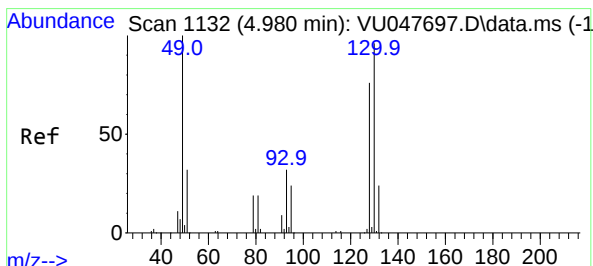
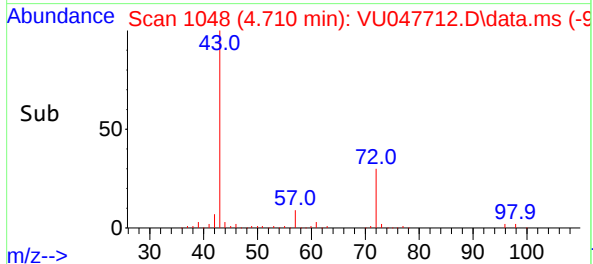
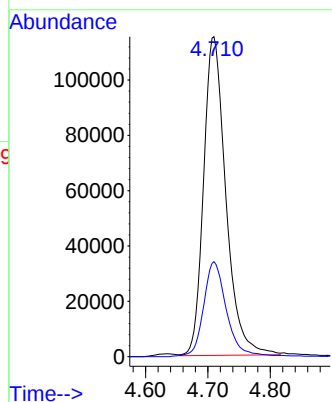
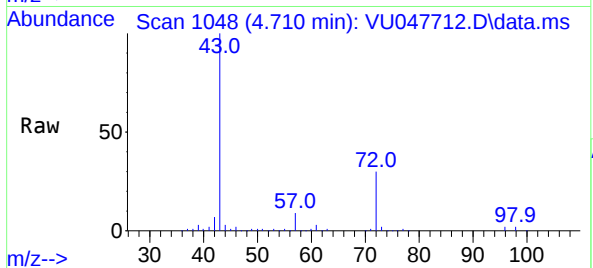




#22
2-Butanone
Concen: 81.962 ug/L
RT: 4.710 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

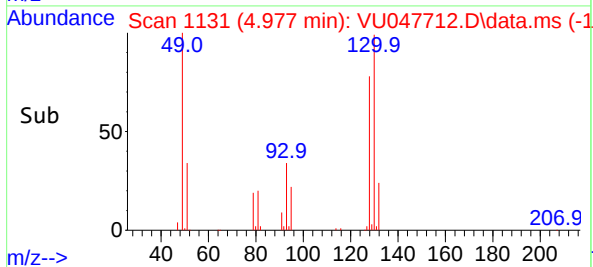
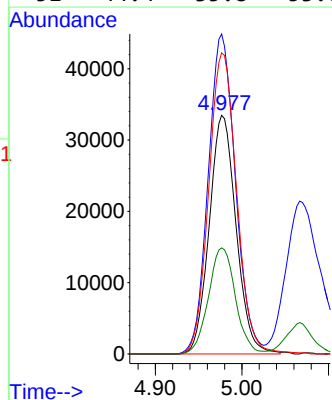
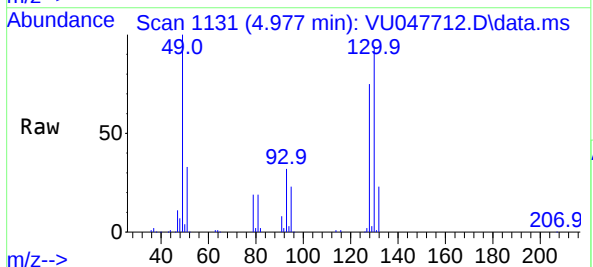
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

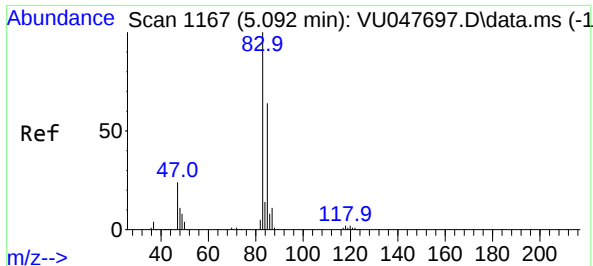
Tgt Ion: 43 Resp: 286550
Ion Ratio Lower Upper
43 100
72 30.5 16.0 47.9



#23
Bromochloromethane
Concen: 34.586 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:128 Resp: 72171
Ion Ratio Lower Upper
128 100
49 134.1 94.1 174.8
130 126.1 90.2 167.4
51 44.4 35.8 53.6





#25

Chloroform

Concen: 31.966 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

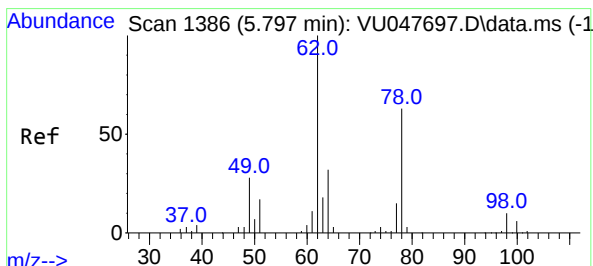
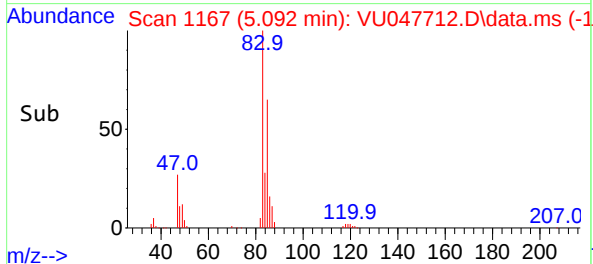
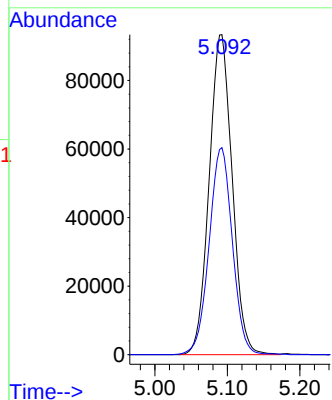
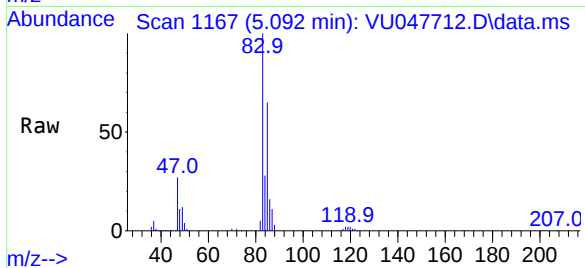
EW5X6MS

Tgt Ion: 83 Resp: 205766

Ion Ratio Lower Upper

83 100

85 64.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 34.904 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047712.D

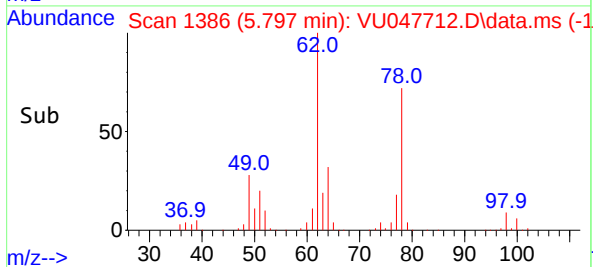
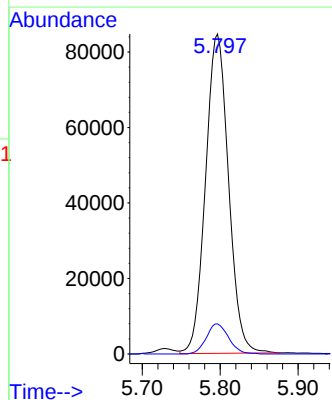
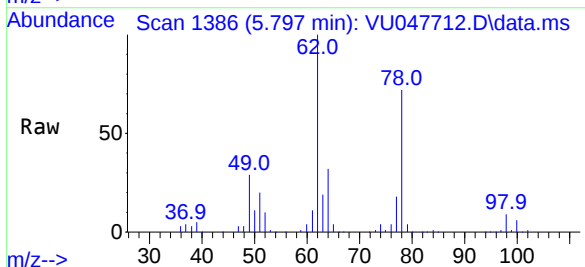
Acq: 26 Mar 2022 16:27

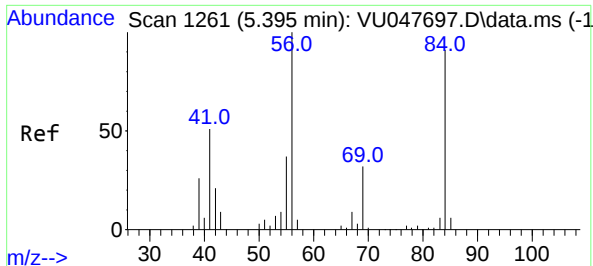
Tgt Ion: 62 Resp: 173586

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 15.916 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MS

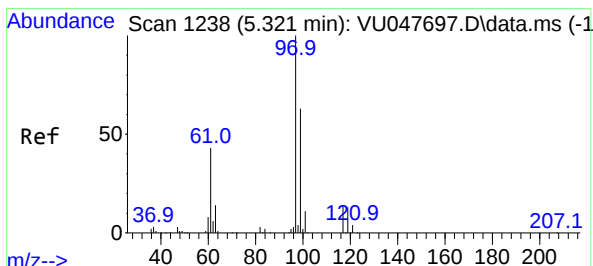
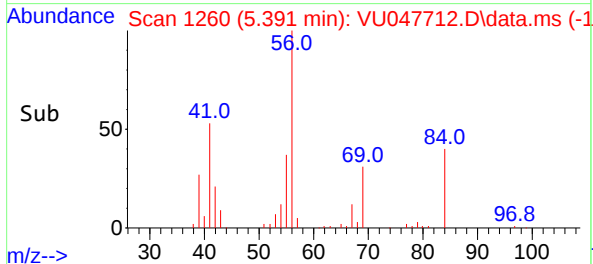
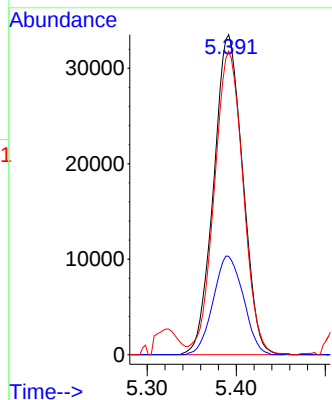
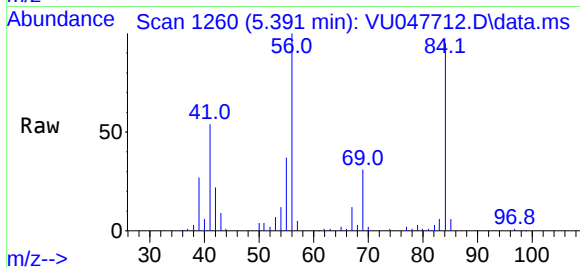
Tgt Ion: 56 Resp: 75992

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 94.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 63.522 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

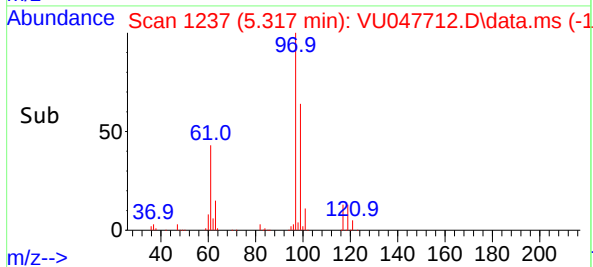
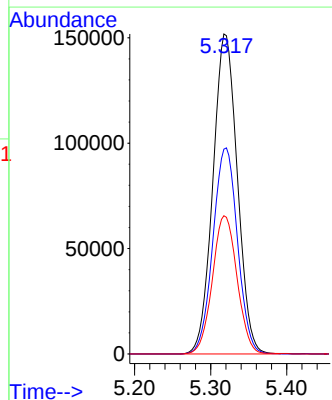
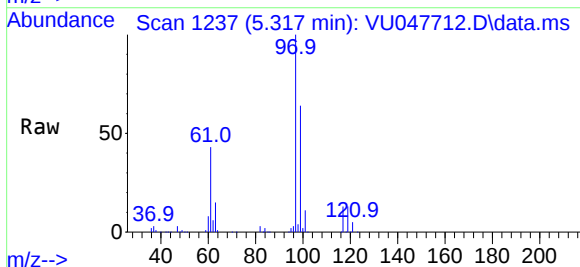
Tgt Ion: 97 Resp: 338899

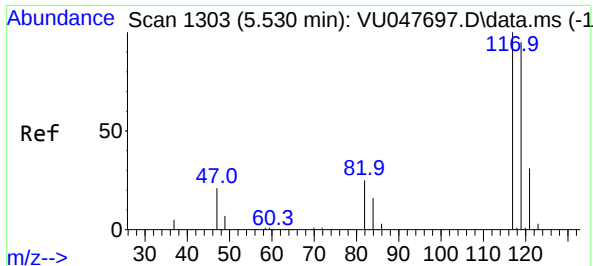
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.7 34.2 51.4

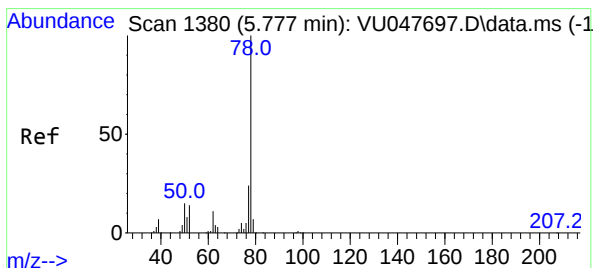
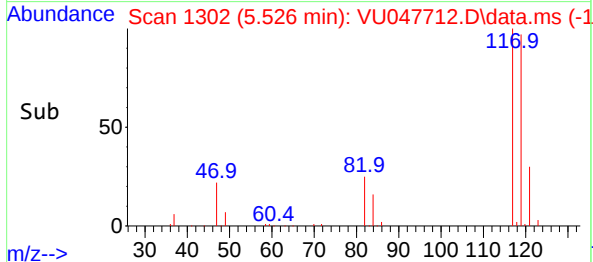
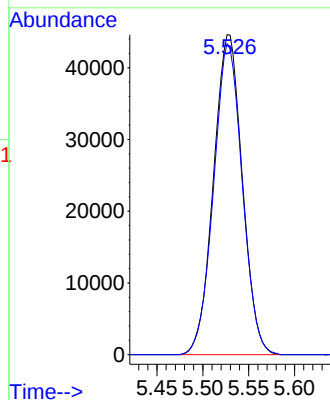
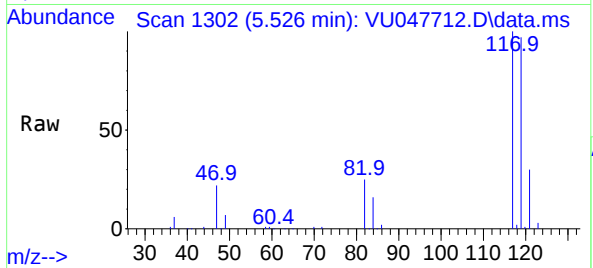




#31
Carbon tetrachloride
Concen: 20.225 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

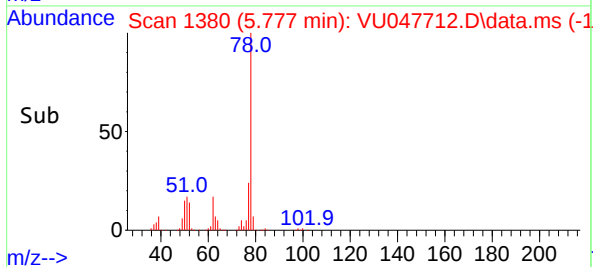
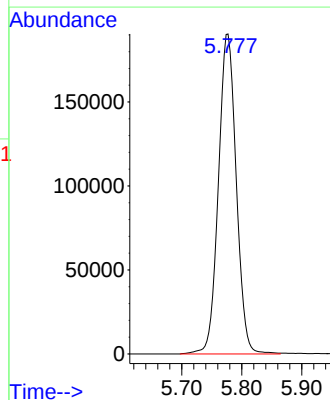
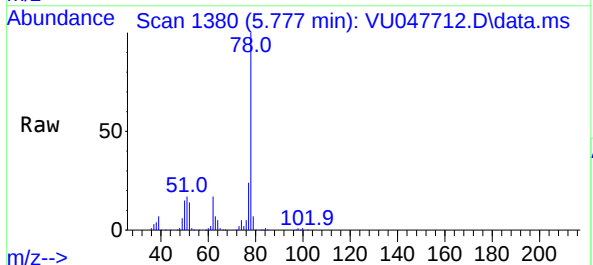
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

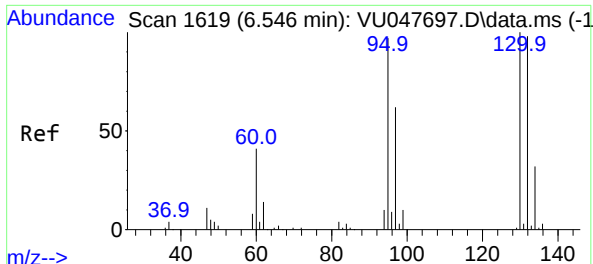
Tgt Ion:117 Resp: 97438
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 28.839 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 78 Resp: 392763



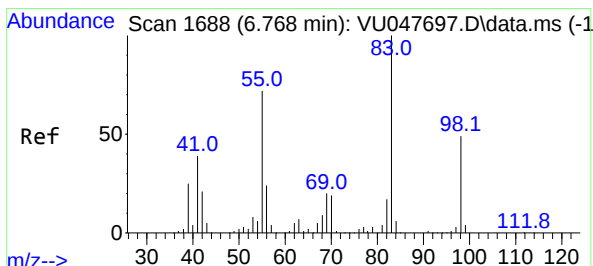
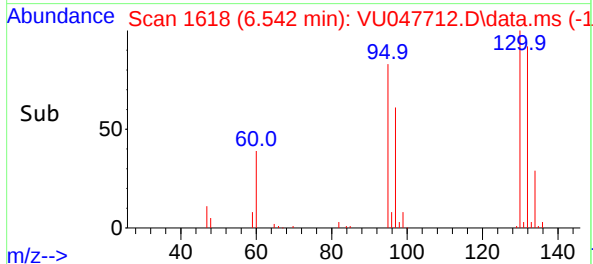
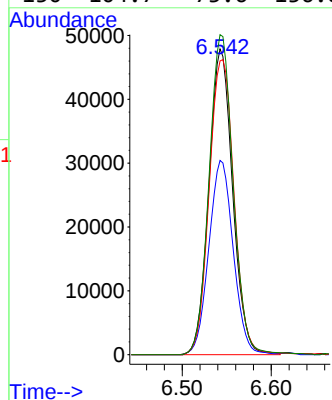
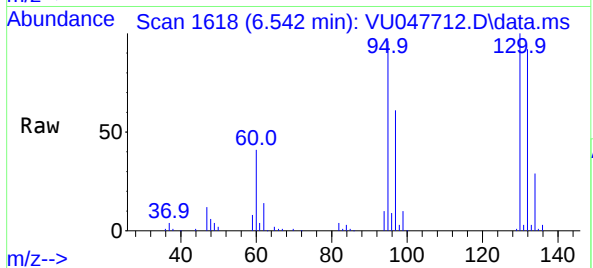


#34
Trichloroethene
Concen: 24.869 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

Tgt Ion: 95 Resp: 88797

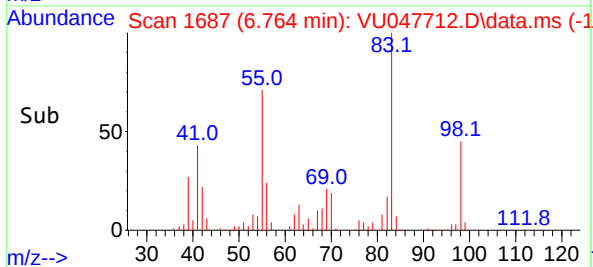
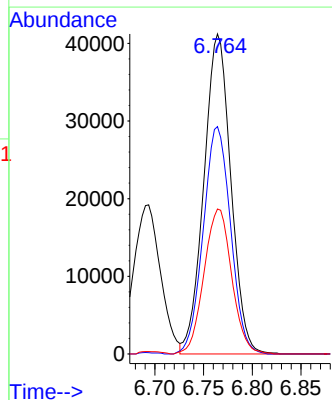
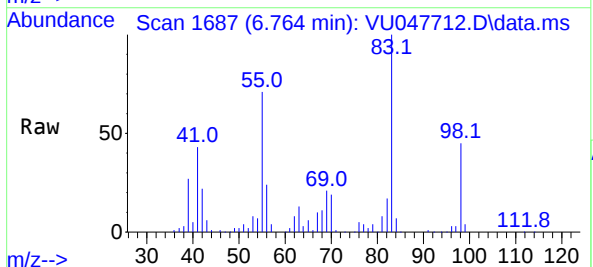
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	82.9
132	96.1	70.4	130.8
130	104.7	73.6	136.8

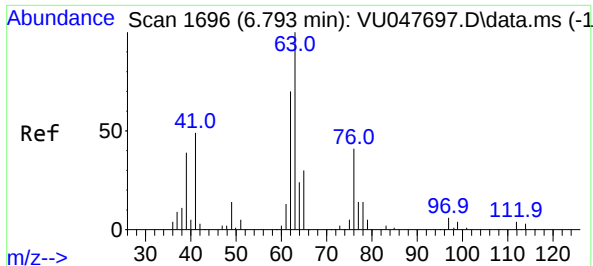


#35
Methylcyclohexane
Concen: 14.628 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 83 Resp: 79459

Ion	Ratio	Lower	Upper
83	100		
55	72.0	56.8	85.2
98	46.5	38.1	57.1

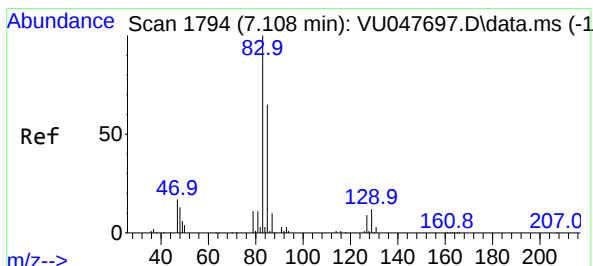
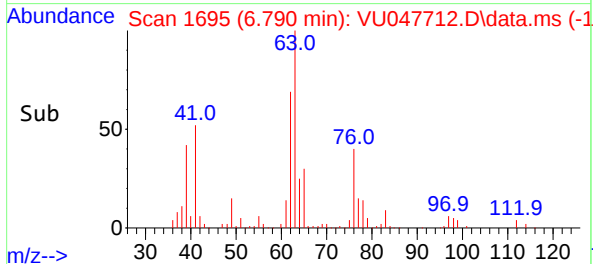
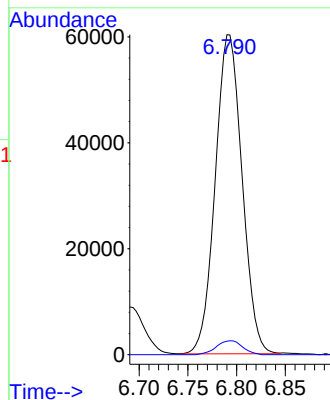
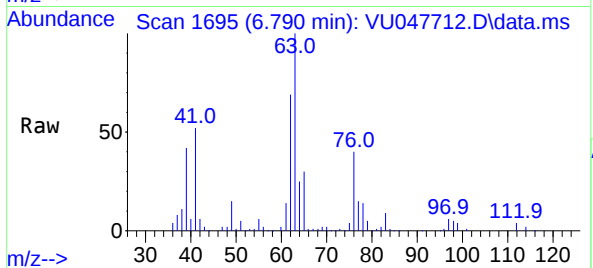




#37
1,2-Dichloropropane
Concen: 33.345 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

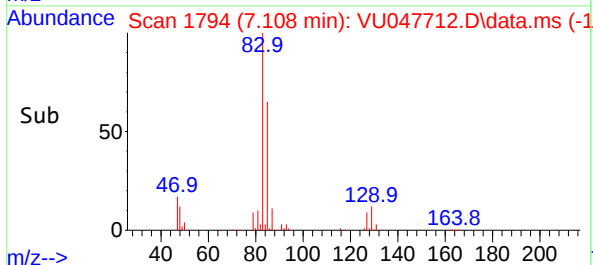
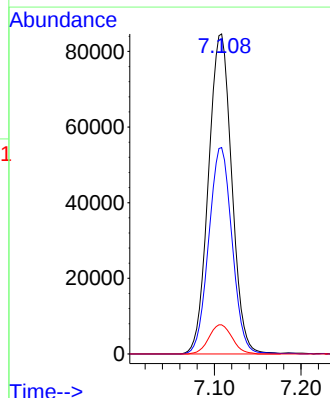
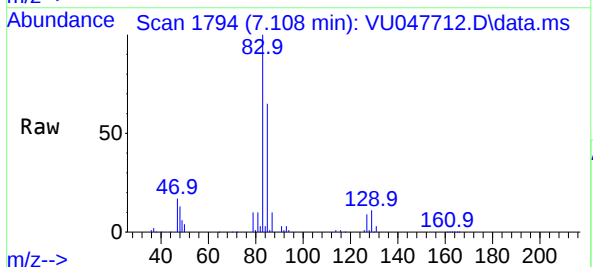
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

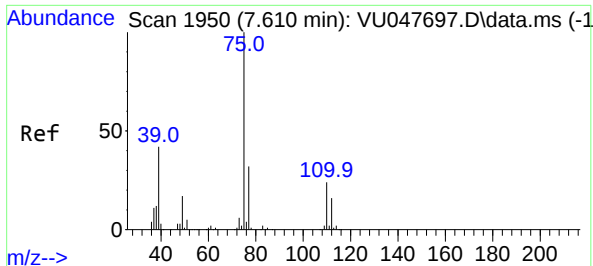
Tgt Ion: 63 Resp: 115447
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 33.251 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 83 Resp: 158088
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.4
127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 28.089 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

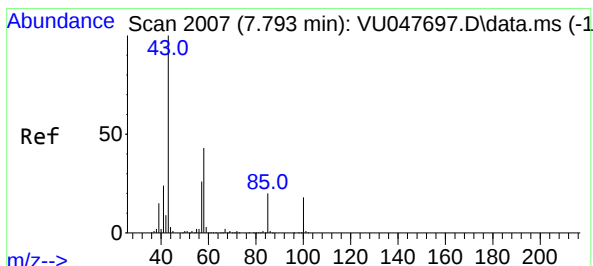
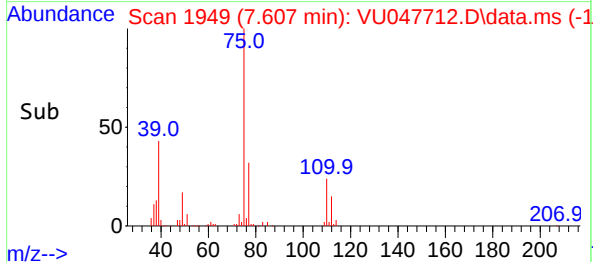
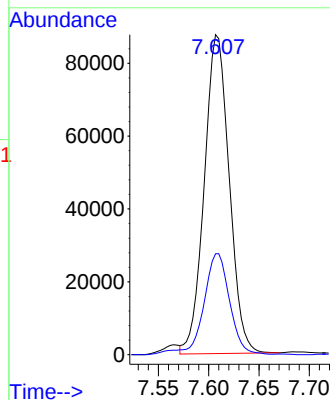
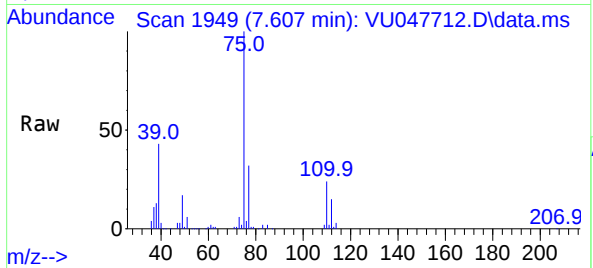
EW5X6MS

Tgt Ion: 75 Resp: 150894

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 89.913 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

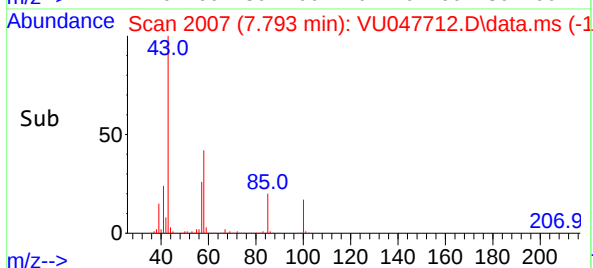
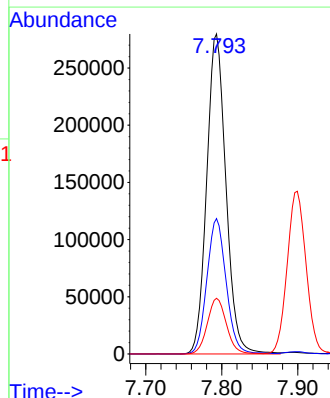
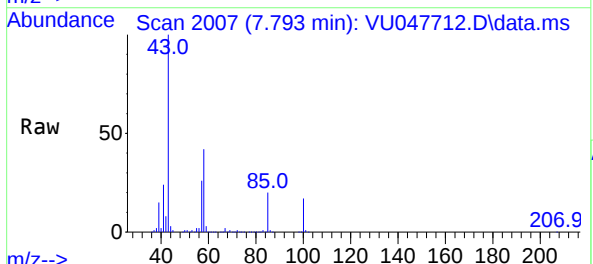
Tgt Ion: 43 Resp: 492000

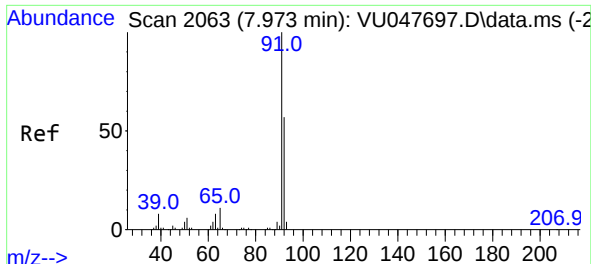
Ion Ratio Lower Upper

43 100

58 42.4 34.7 52.1

100 17.3 14.2 21.2





#42

Toluene

Concen: 24.724 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

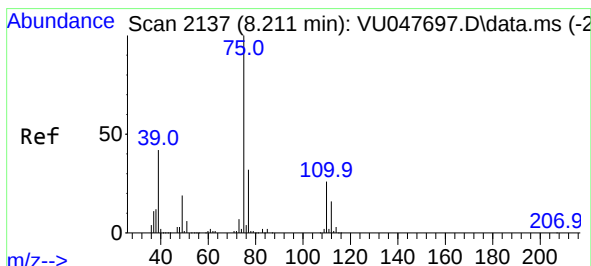
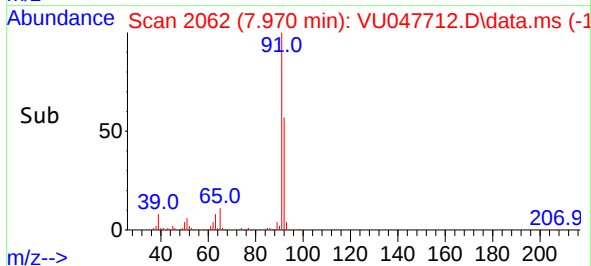
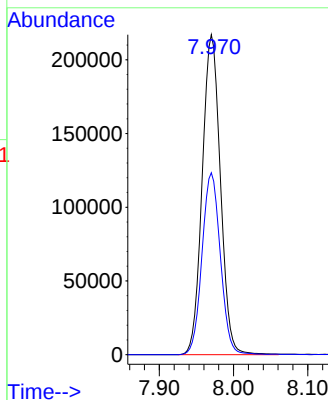
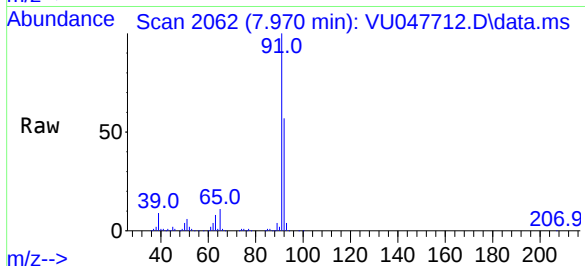
EW5X6MS

Tgt Ion: 91 Resp: 369460

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 29.555 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047712.D

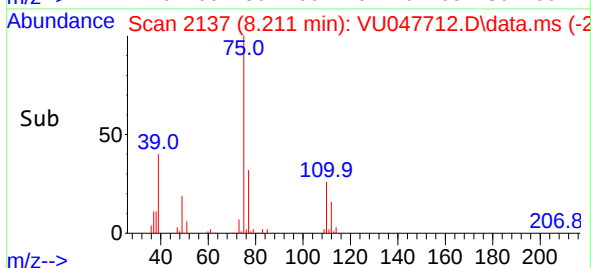
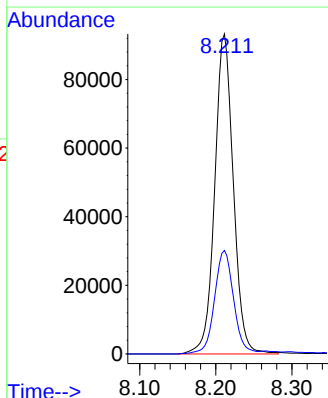
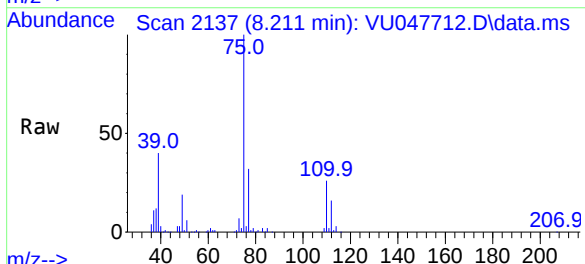
Acq: 26 Mar 2022 16:27

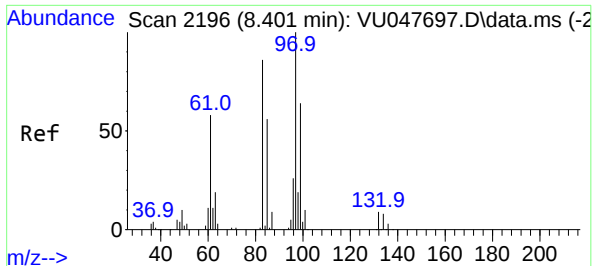
Tgt Ion: 75 Resp: 158528

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 35.184 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MS

Tgt Ion: 97 Resp: 129192

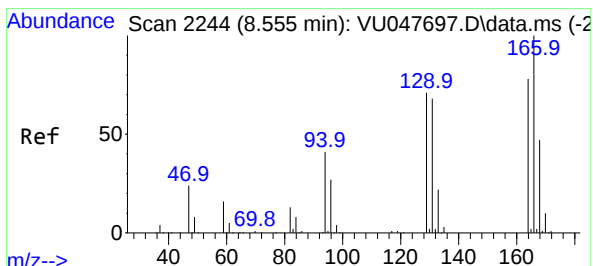
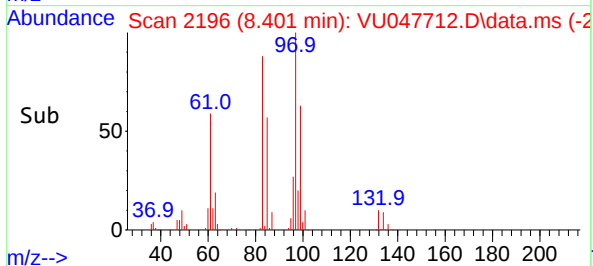
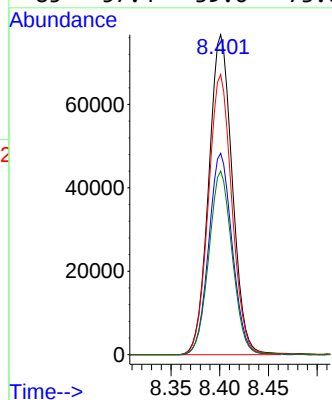
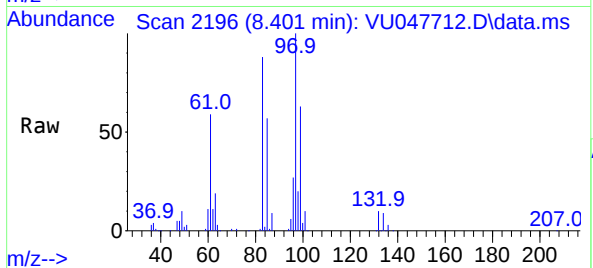
Ion Ratio Lower Upper

97 100

99 63.0 43.3 80.3

83 87.5 61.0 113.4

85 57.4 39.6 73.6



#46

Tetrachloroethene

Concen: 21.595 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Tgt Ion: 164 Resp: 69290

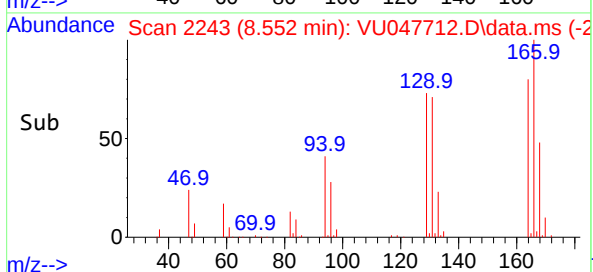
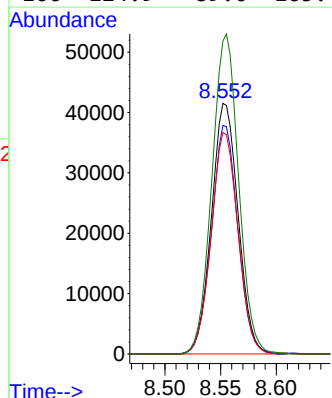
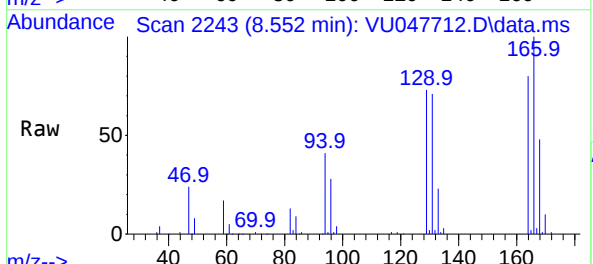
Ion Ratio Lower Upper

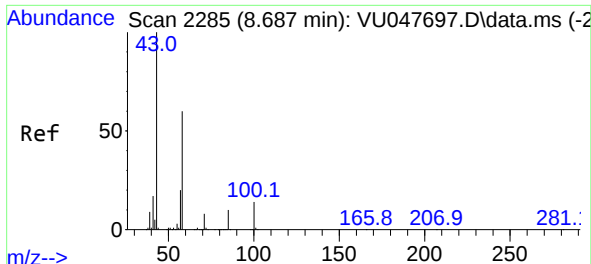
164 100

129 91.2 62.4 116.0

131 88.4 60.7 112.7

166 124.9 89.0 165.4



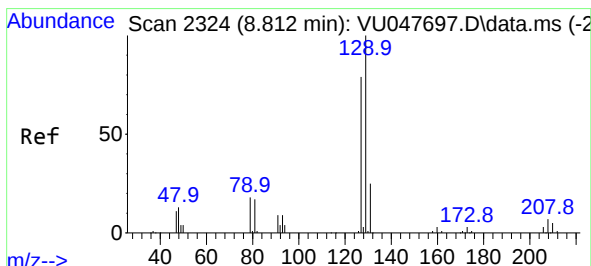
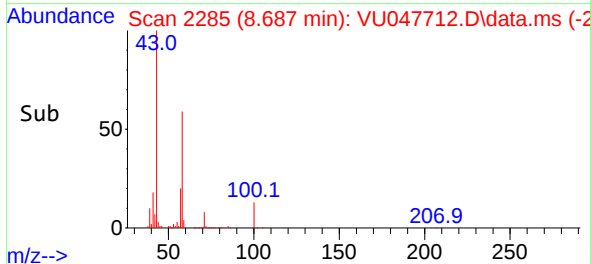
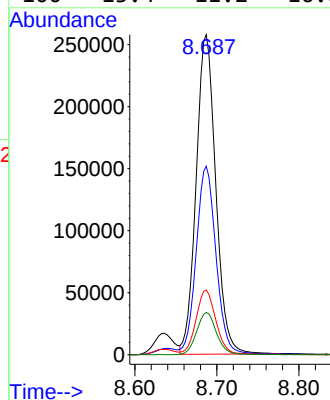
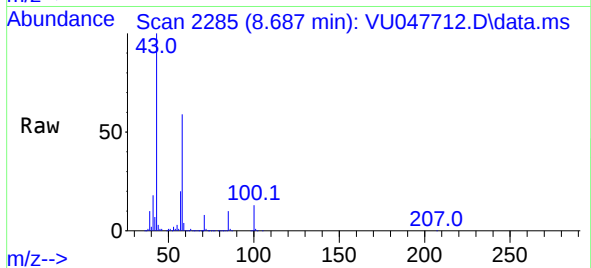


#48
2-Hexanone
Concen: 90.978 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

Tgt Ion: 43 Resp: 428227

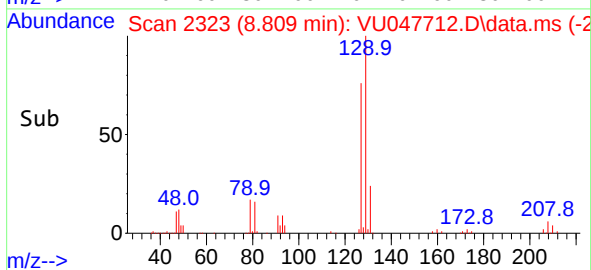
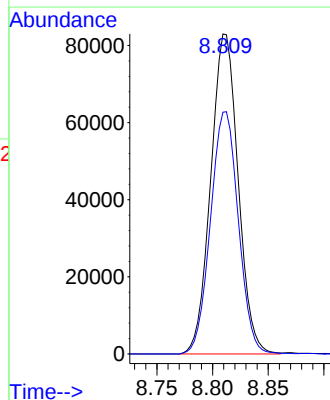
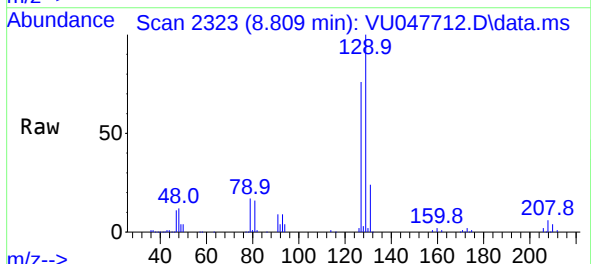
Ion	Ratio	Lower	Upper
43	100		
58	59.5	48.1	72.1
57	20.5	16.2	24.4
100	13.4	11.2	16.8

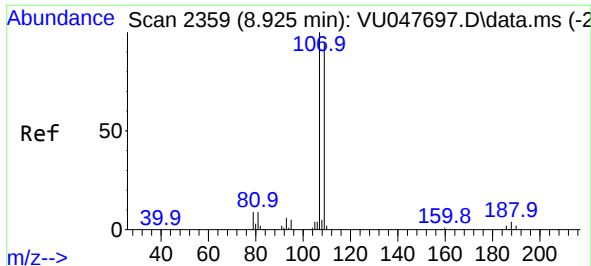


#49
Dibromochloromethane
Concen: 33.406 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 129 Resp: 142074

Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.2	100.6





#50

1,2-Dibromoethane

Concen: 35.029 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MS

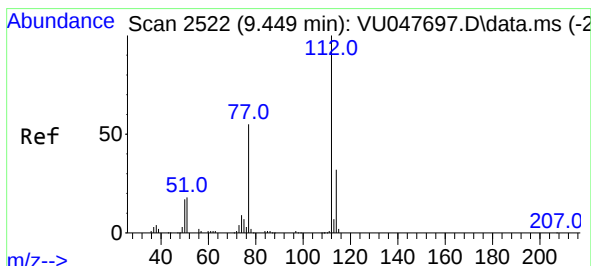
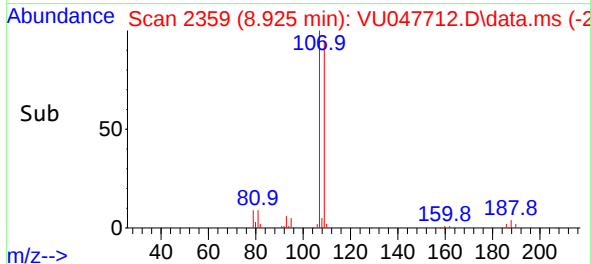
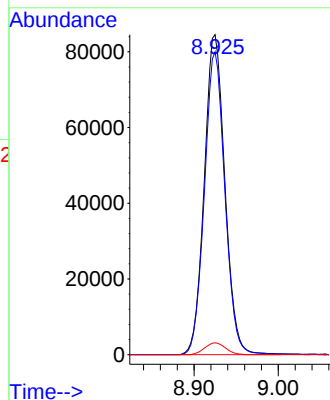
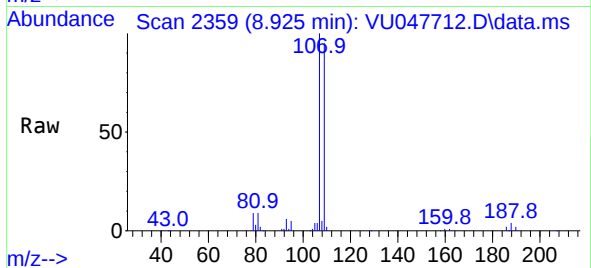
Tgt Ion:107 Resp: 144195

Ion Ratio Lower Upper

107 100

109 94.7 66.6 123.6

188 3.7 3.4 5.2



#51

Chlorobenzene

Concen: 24.240 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

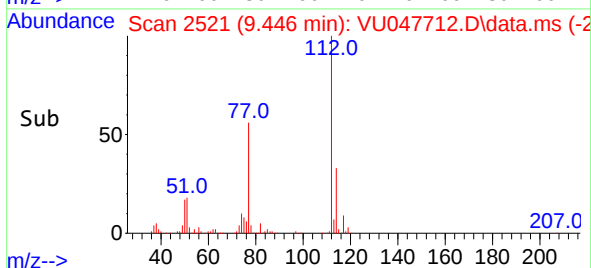
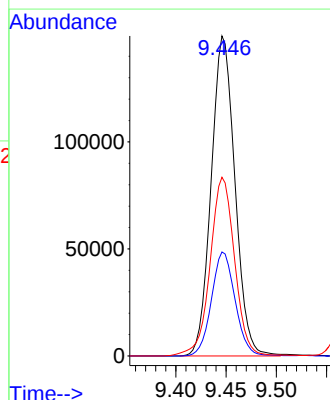
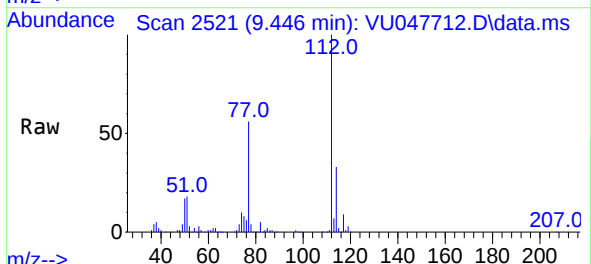
Tgt Ion:112 Resp: 245955

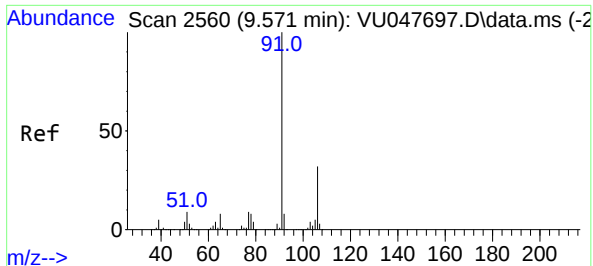
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 55.8 43.4 65.0





#52

Ethylbenzene

Concen: 20.884 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

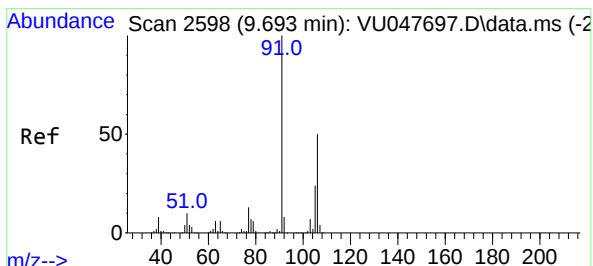
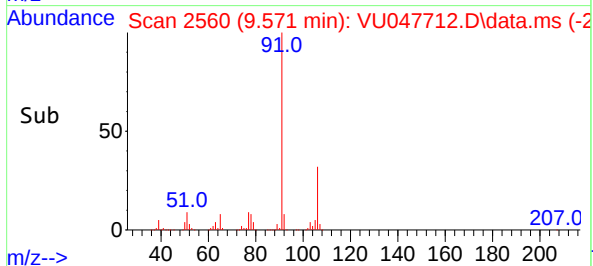
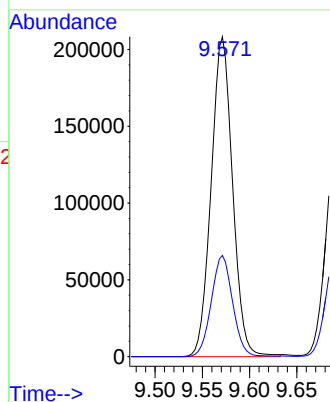
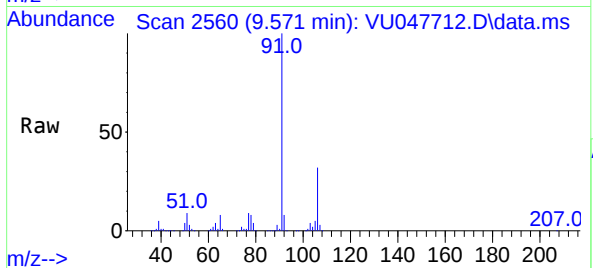
EW5X6MS

Tgt Ion: 91 Resp: 328135

Ion Ratio Lower Upper

91 100

106 31.7 22.4 41.6



#53

m,p-Xylene

Concen: 20.909 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU047712.D

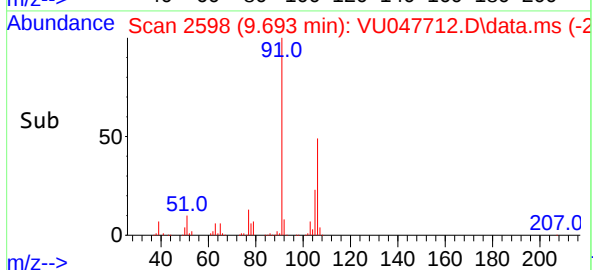
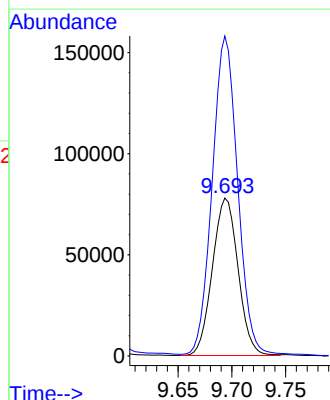
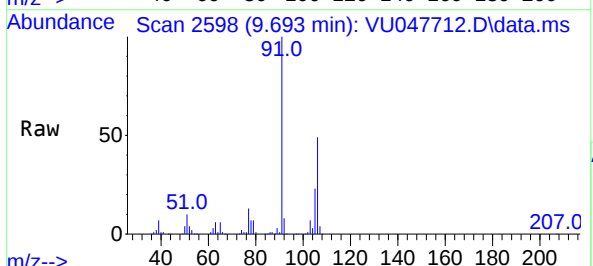
Acq: 26 Mar 2022 16:27

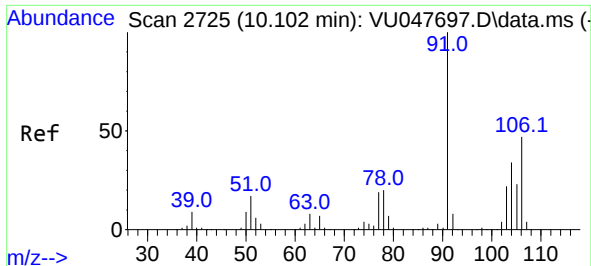
Tgt Ion: 106 Resp: 128911

Ion Ratio Lower Upper

106 100

91 202.6 137.7 255.7

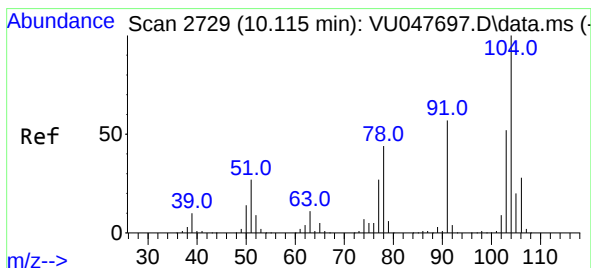
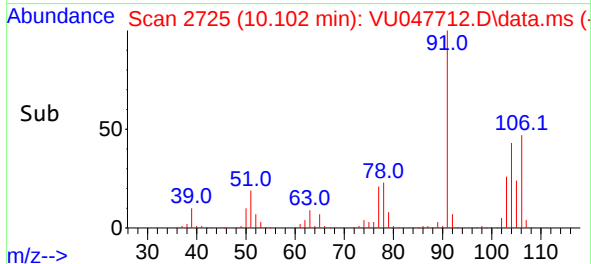
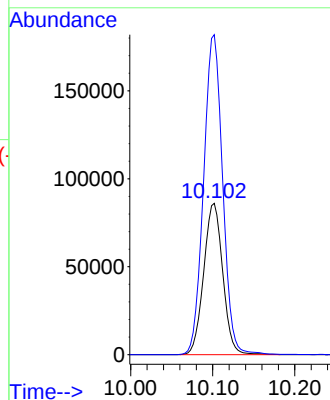
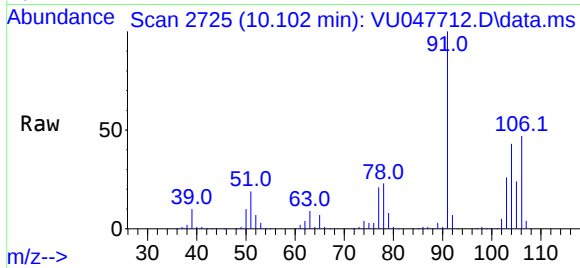




#54
o-Xylene
Concen: 22.953 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

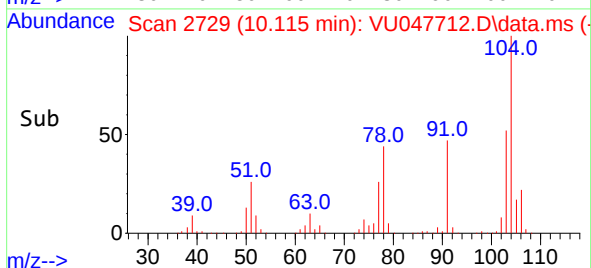
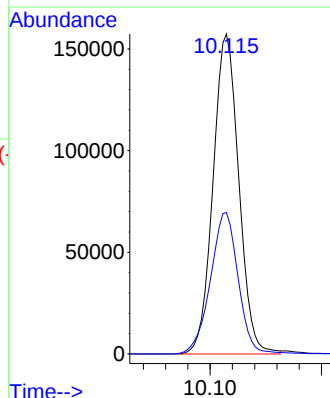
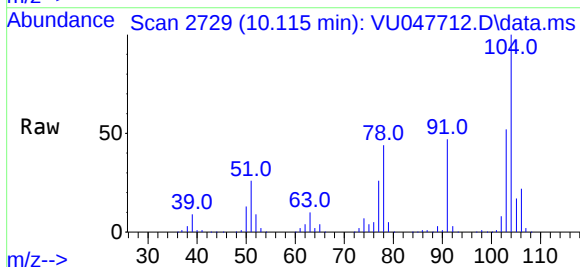
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

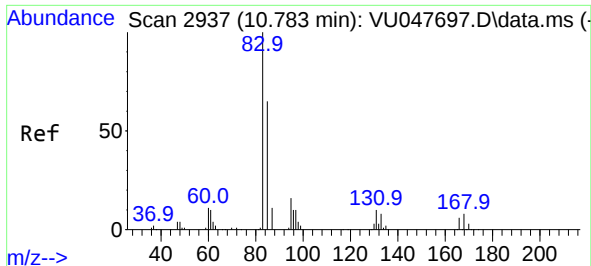
Tgt Ion:106 Resp: 138891
Ion Ratio Lower Upper
106 100
91 211.4 146.7 272.5



#55
Styrene
Concen: 24.461 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:104 Resp: 252709
Ion Ratio Lower Upper
104 100
78 44.2 30.4 56.4

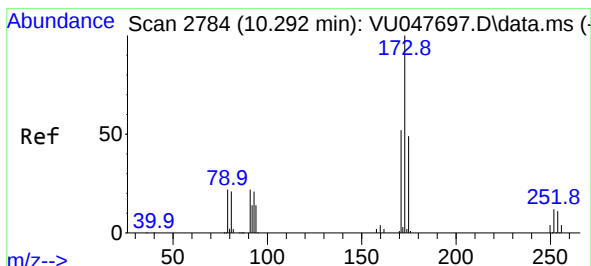
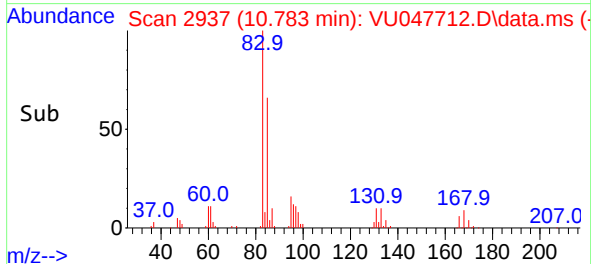
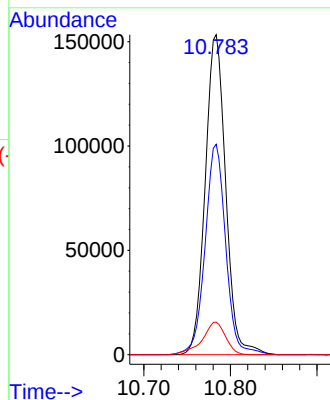
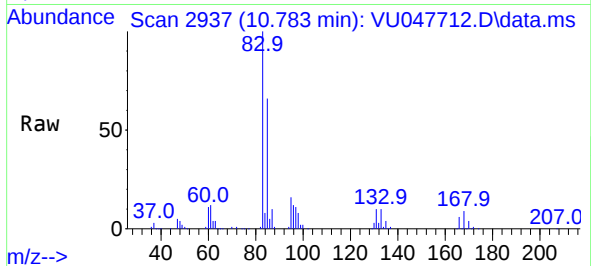




#57
1,1,2,2-Tetrachloroethane
Concen: 36.574 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

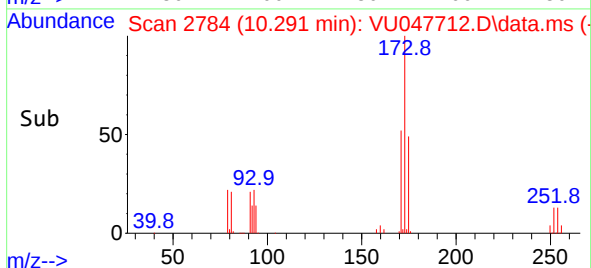
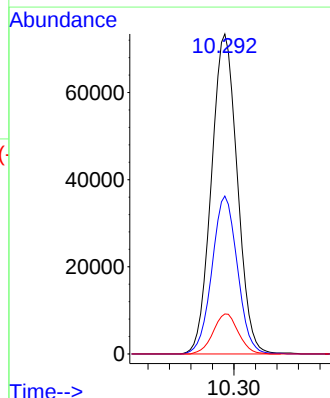
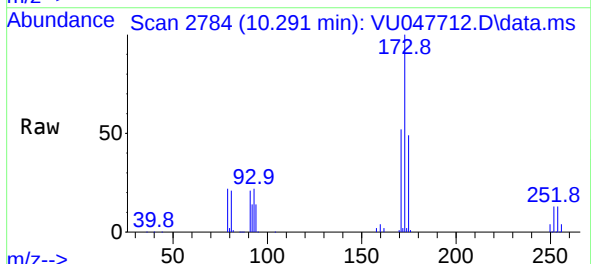
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

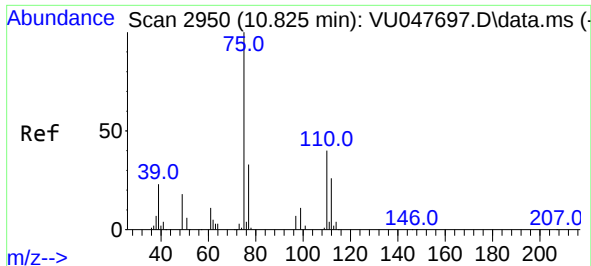
Tgt Ion: 83 Resp: 251768
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.3
131 10.2 8.6 13.0



#59
Bromoform
Concen: 35.603 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:173 Resp: 122668
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 12.2 9.6 14.4

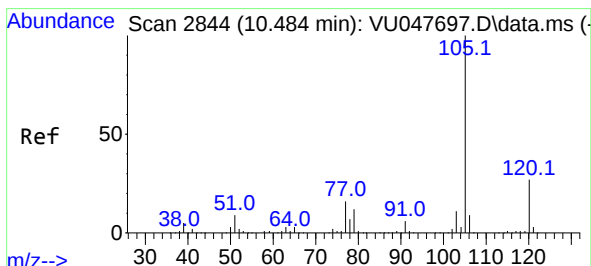
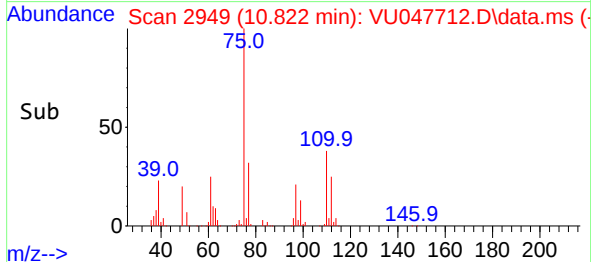
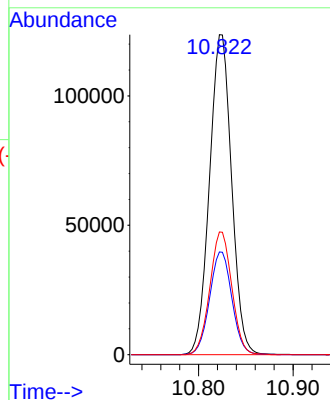
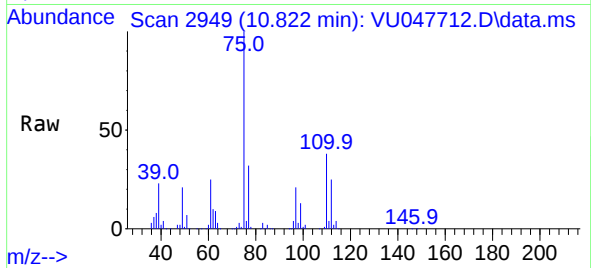




#60
1,2,3-Trichloropropane
Concen: 39.488 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

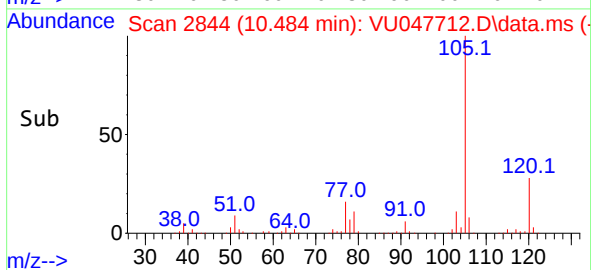
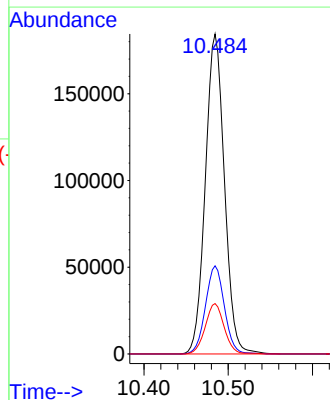
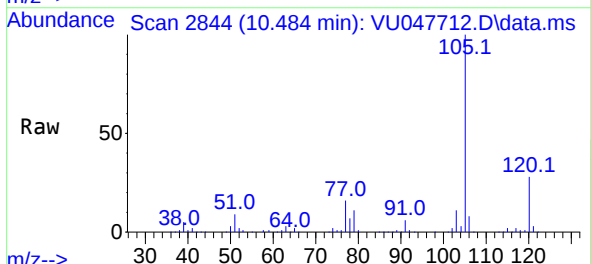
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

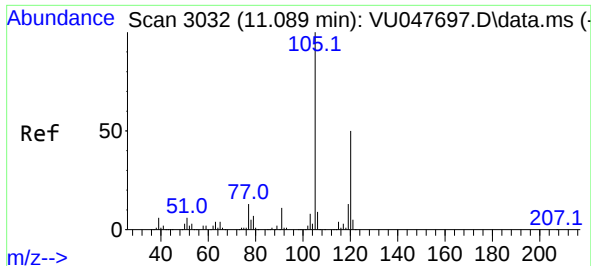
Tgt Ion: 75 Resp: 200578
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 38.3 31.4 47.2



#61
Isopropylbenzene
Concen: 19.989 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion: 105 Resp: 291076
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.7 12.1 18.1

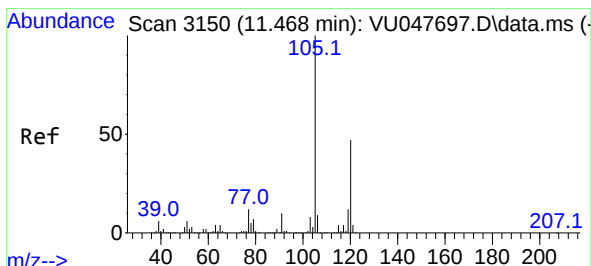
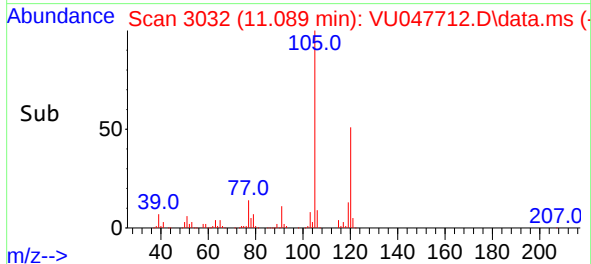
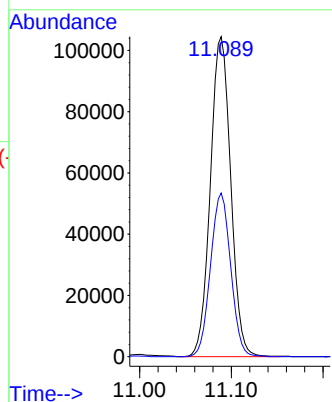
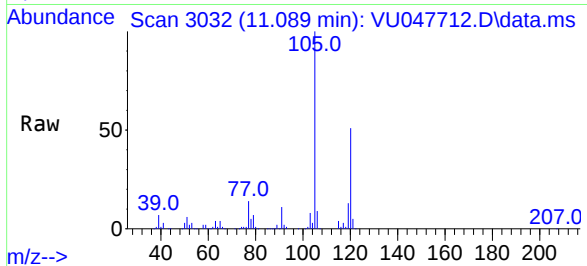




#62
1,3,5-Trimethylbenzene
Concen: 20.410 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

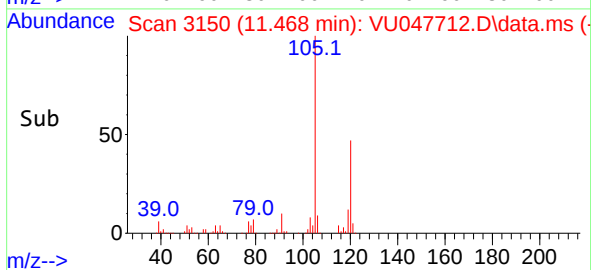
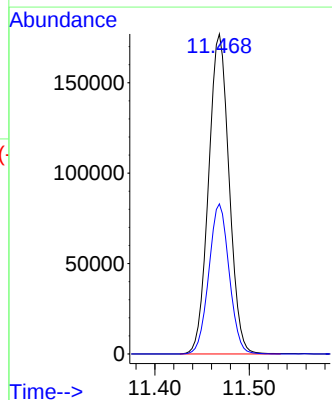
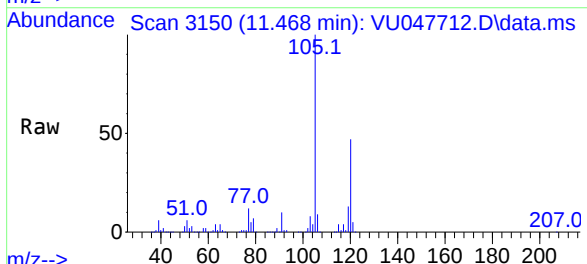
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

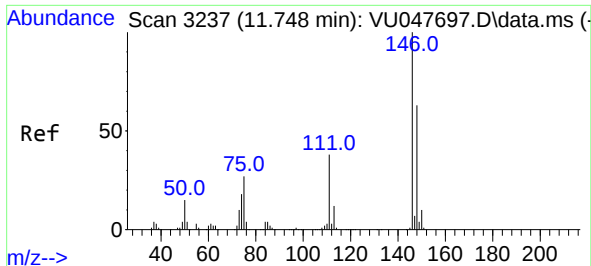
Tgt Ion:105 Resp: 161261
Ion Ratio Lower Upper
105 100
120 50.6 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 22.245 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:105 Resp: 266971
Ion Ratio Lower Upper
105 100
120 46.5 37.6 56.4

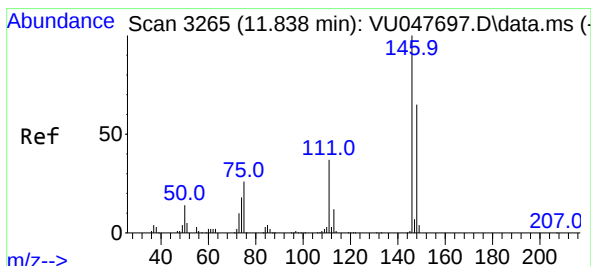
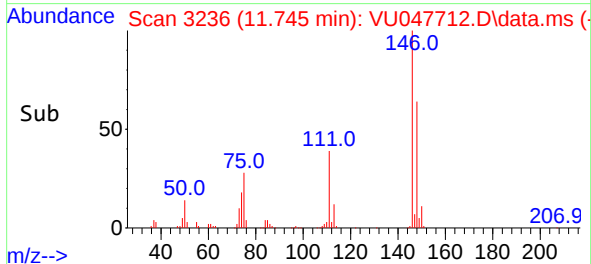
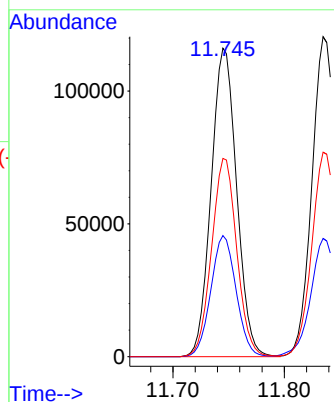
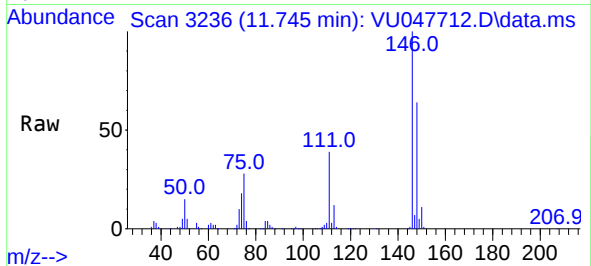




#64
1,3-Dichlorobenzene
Concen: 22.823 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

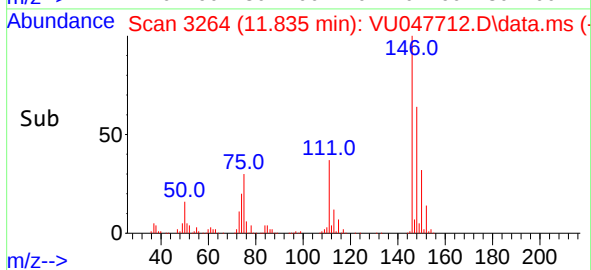
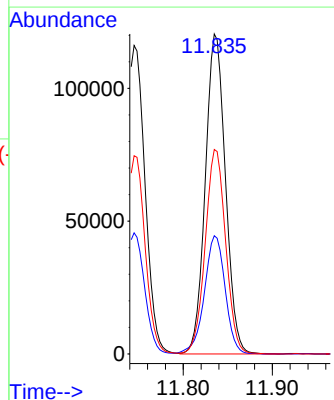
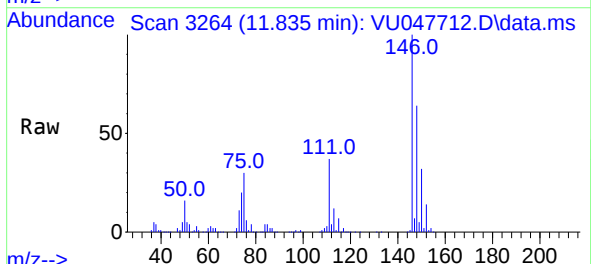
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

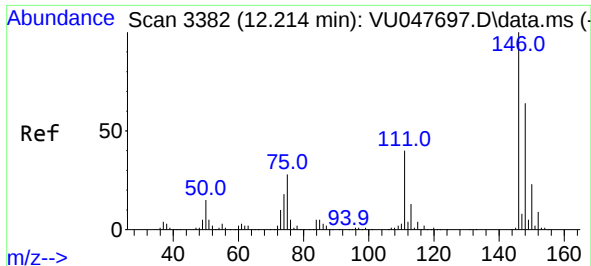
Tgt Ion:146 Resp: 184723
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.7
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 22.574 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:146 Resp: 189247
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 25.630 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MS

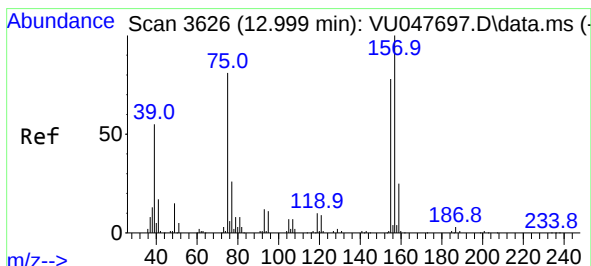
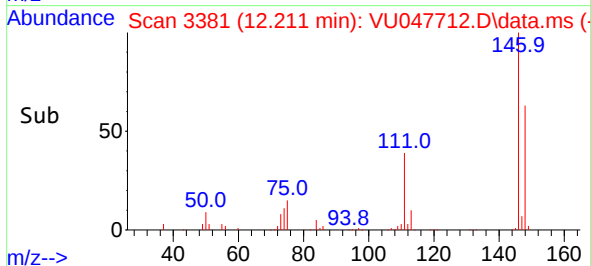
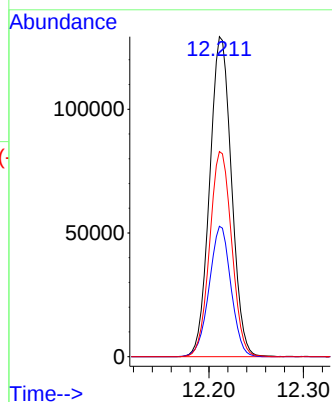
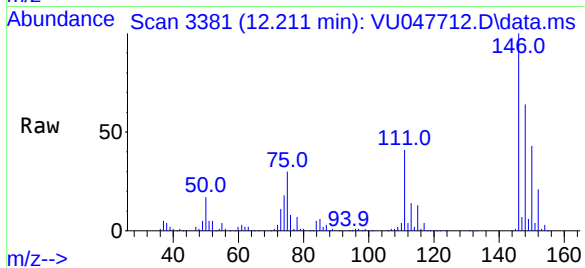
Tgt Ion:146 Resp: 207568

Ion Ratio Lower Upper

146 100

111 40.8 31.7 47.5

148 64.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.177 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047712.D

Acq: 26 Mar 2022 16:27

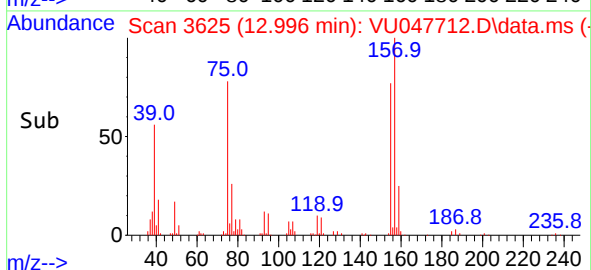
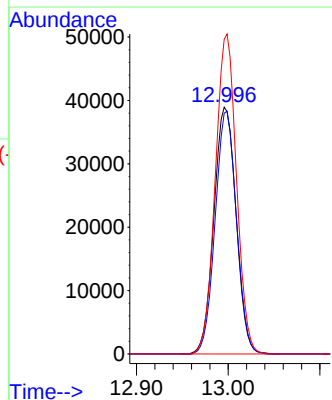
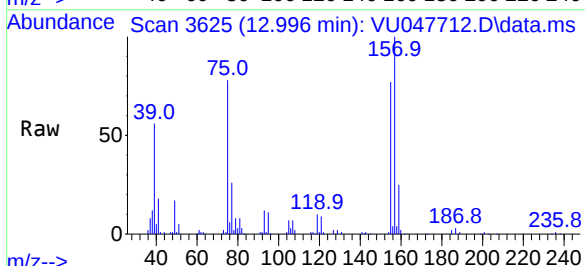
Tgt Ion: 75 Resp: 65370

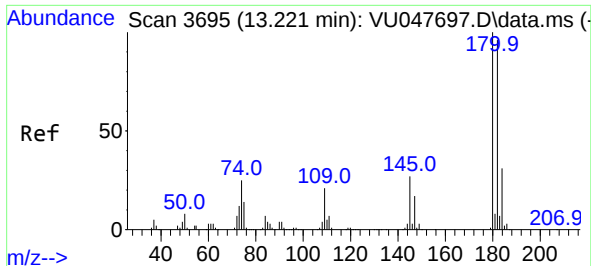
Ion Ratio Lower Upper

75 100

155 97.5 78.9 118.3

157 127.5 97.5 146.3



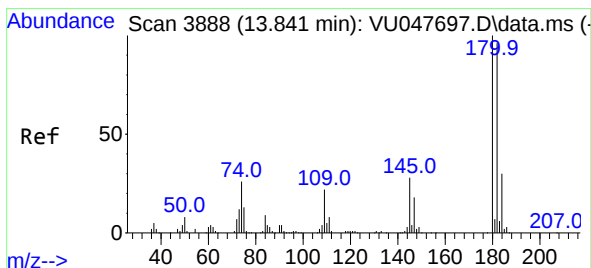
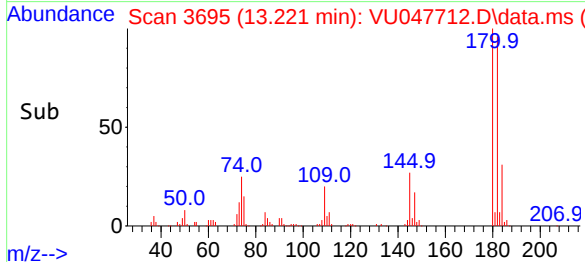
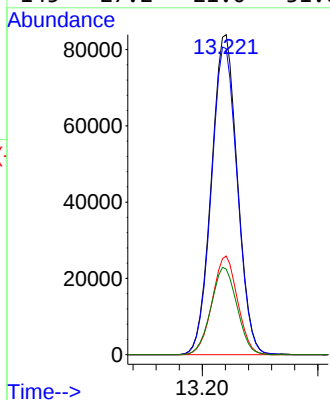
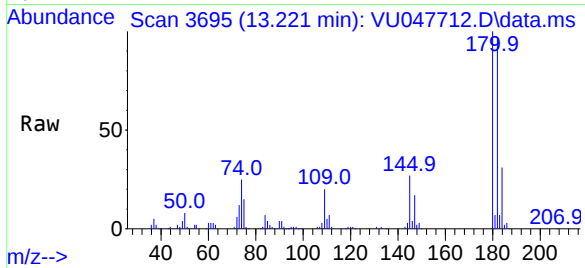


#69
1,3,5-Trichlorobenzene
Concen: 19.977 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

Tgt Ion:180 Resp: 131319

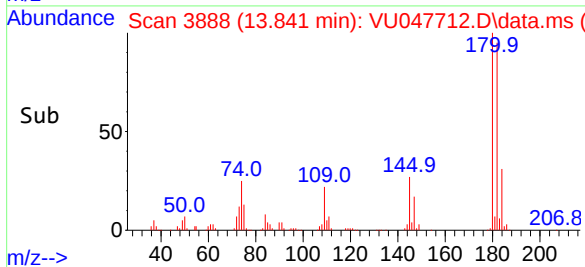
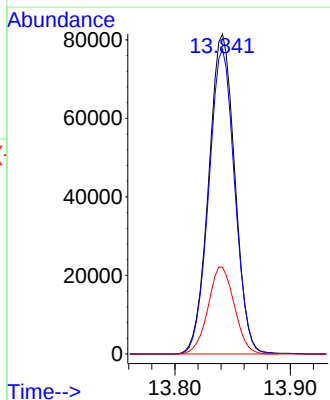
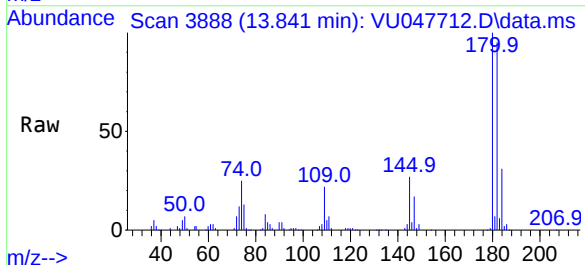
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.6
184	30.0	24.5	36.7
145	27.2	21.0	31.6

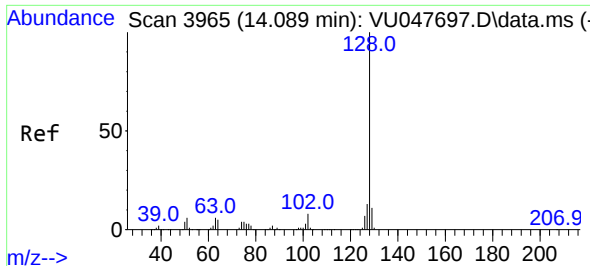


#70
1,2,4-trichlorobenzene
Concen: 22.224 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:180 Resp: 127957

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	27.3	21.8	32.8

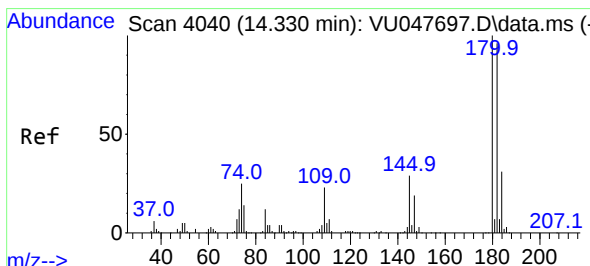
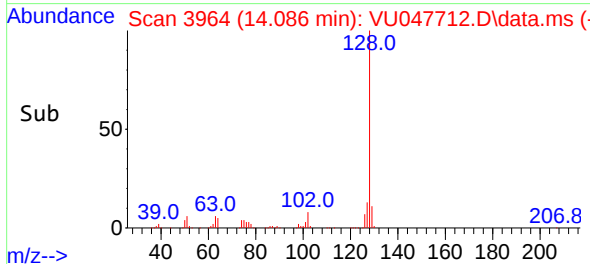
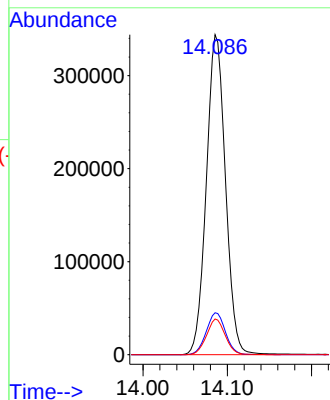
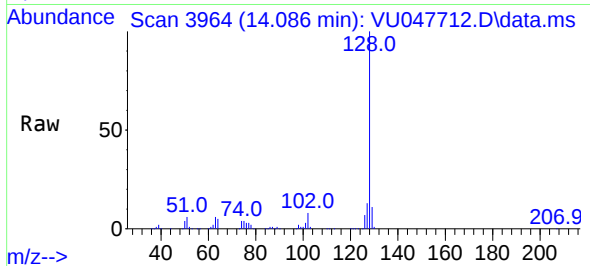




#71
Naphthalene
Concen: 31.668 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MS

Tgt Ion:128 Resp: 543602
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.437 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047712.D
Acq: 26 Mar 2022 16:27

Tgt Ion:180 Resp: 141049
Ion Ratio Lower Upper
180 100
182 96.4 77.4 116.0
145 29.4 22.8 34.2

