

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082922\
 Data File : U082922.D
 Acq On : 29 Aug 2022 20:42
 Operator : SY/MD
 Sample : N4322-03MEMSD
 Misc : 5.63g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY163MEMSD

Quant Time: Aug 30 02:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	418533	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	405310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	179149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	80716	16.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	32.620%#
7) Chloroethane-d5	1.890	69	29754	8.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.260%#
11) 1,1-Dichloroethene-d2	2.523	63	243292	34.787	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.580%
21) 2-Butanone-d5	4.649	46	273869	84.548	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.550%
24) Chloroform-d	5.060	84	291545	36.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.700	65	182451	36.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.900%
32) Benzene-d6	5.719	84	587806	39.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.500%
36) 1,2-Dichloropropane-d6	6.690	67	196637	39.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.260%
41) Toluene-d8	7.896	98	513577	39.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.380%#
43) trans-1,3-Dichloroprop...	8.182	79	70970	34.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.580%
47) 2-Hexanone-d5	8.661	63	186859	101.491	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.490%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	295812	38.657	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.320%
66) 1,2-Dichlorobenzene-d4	12.198	152	175855	41.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	94040	28.745	ug/L	95
3) Chloromethane	1.511	50	165353	43.428	ug/L	99
5) Vinyl chloride	1.597	62	87590	23.526	ug/L	99
6) Bromomethane	1.838	94	46973	34.120	ug/L	92
8) Chloroethane	1.906	64	22591	9.988	ug/L	98
9) Trichlorofluoromethane	2.083	101	101556	21.439	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	127659	43.957	ug/L	99
12) 1,1-Dichloroethene	2.536	96	115875	45.133	ug/L	93
13) Acetone	2.658	43	180702	84.844	ug/L	100
14) Carbon disulfide	2.752	76	193557	29.543	ug/L	99
15) Methyl Acetate	2.957	43	193585	50.520	ug/L	99
16) Methylene chloride	3.025	84	156483	43.733	ug/L	98
17) trans-1,2-Dichloroethene	3.327	96	123858	45.891	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	483501	56.601	ug/L	99
19) 1,1-Dichloroethane	3.851	63	278838	47.687	ug/L	97
20) cis-1,2-Dichloroethene	4.658	96	158534	49.051	ug/L	98
22) 2-Butanone	4.726	43	290646	100.693	ug/L	99
23) Bromochloromethane	4.970	128	82698	46.848	ug/L	98
25) Chloroform	5.086	83	294345	47.252	ug/L	99

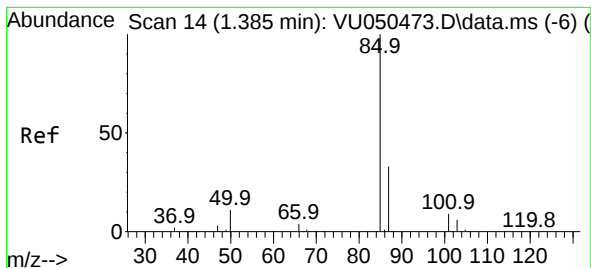
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	225788	48.590	ug/L	97
29) Cyclohexane	5.372	56	187320	50.242	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	211253	45.557	ug/L	100
31) Carbon tetrachloride	5.514	117	154596	40.625	ug/L	100
33) Benzene	5.768	78	637759	51.971	ug/L	100
34) Trichloroethene	6.536	95	142902	49.196	ug/L	99
35) Methylcyclohexane	6.755	83	192747	47.455	ug/L	99
37) 1,2-Dichloropropane	6.790	63	181887	51.027	ug/L	99
38) Bromodichloromethane	7.108	83	191569	42.124	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	218836	46.751	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	543808	114.804	ug/L #	97
42) Toluene	7.970	91	658656	53.273	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	206362	47.297	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	179785	51.258	ug/L	97
46) Tetrachloroethene	8.552	164	99763	46.762	ug/L	99
48) 2-Hexanone	8.713	43	452734	114.448	ug/L	98
49) Dibromochloromethane	8.816	129	149002	41.011	ug/L	98
50) 1,2-Dibromoethane	8.925	107	173510	49.501	ug/L	99
51) Chlorobenzene	9.449	112	417107	51.408	ug/L	98
52) Ethylbenzene	9.575	91	667494	53.566	ug/L	100
53) m,p-Xylene	9.697	106	252322	54.222	ug/L	98
54) o-Xylene	10.105	106	256769	55.539	ug/L	100
55) Styrene	10.121	104	439479	55.865	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	321780	50.208	ug/L	100
59) Bromoform	10.301	173	103475	40.334	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	246810	53.462	ug/L	100
61) Isopropylbenzene	10.488	105	639719	57.732	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	529471	59.177	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	520422	59.637	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	284903	52.584	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	282292	51.736	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	304182	53.388	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	51824	42.238	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	197378	52.849	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	171344	57.287	ug/L	98
71) Naphthalene	14.089	128	636431	64.866	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	197252	60.341	ug/L	98

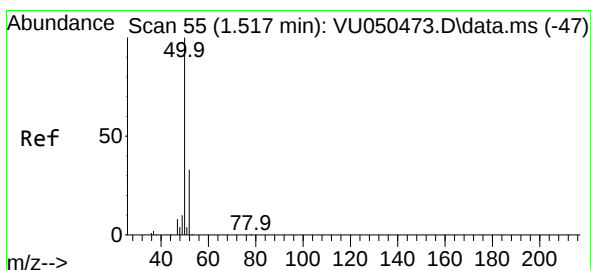
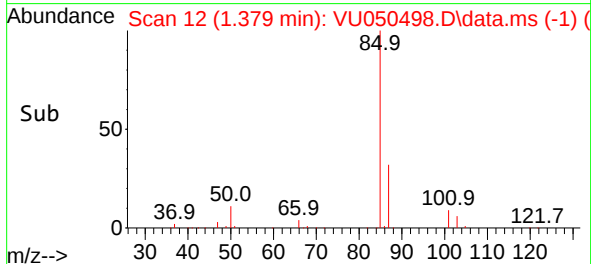
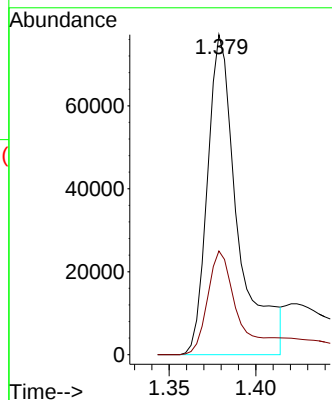
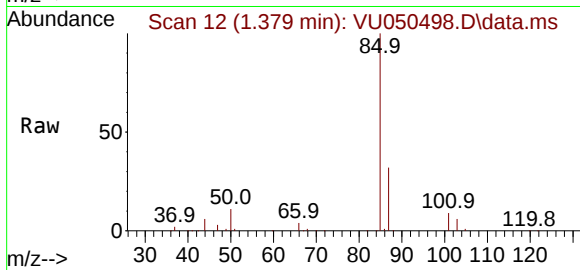
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 28.745 ug/L
RT: 1.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

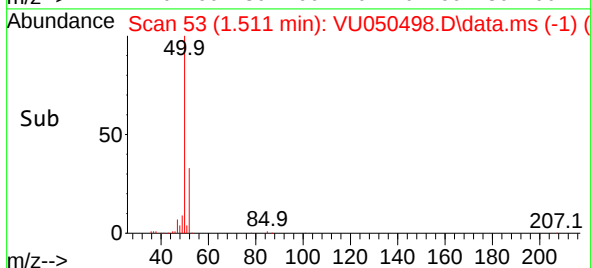
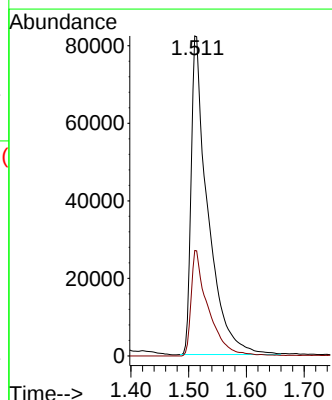
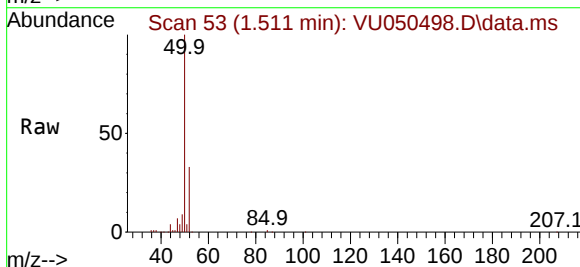
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

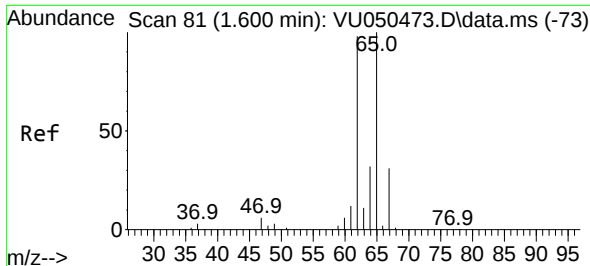
Tgt Ion: 85 Resp: 94040
Ion Ratio Lower Upper
85 100
87 30.3 26.2 39.4



#3
Chloromethane
Concen: 43.428 ug/L
RT: 1.511 min Scan# 53
Delta R.T. -0.006 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 50 Resp: 165353
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.6

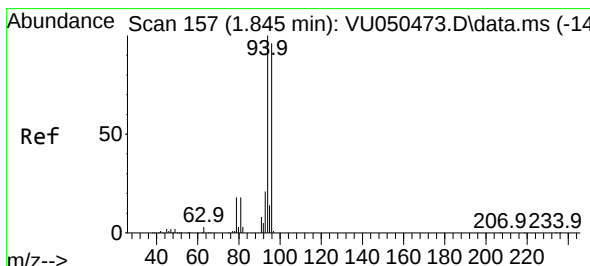
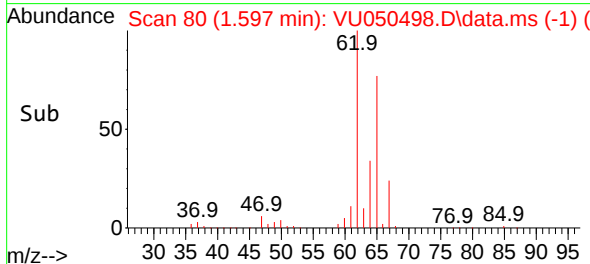
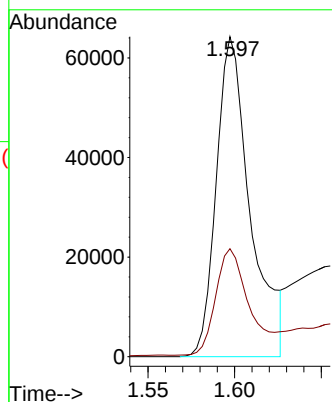
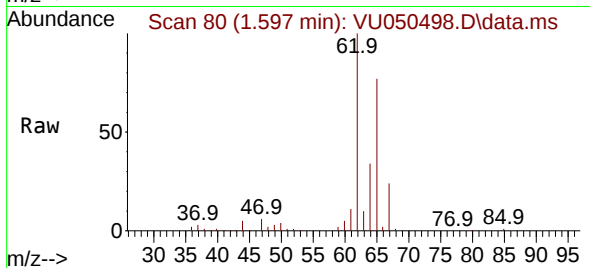




#5
 Vinyl chloride
 Concen: 23.526 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

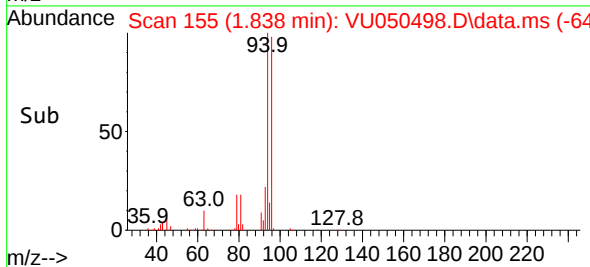
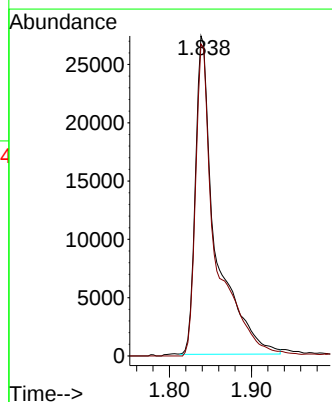
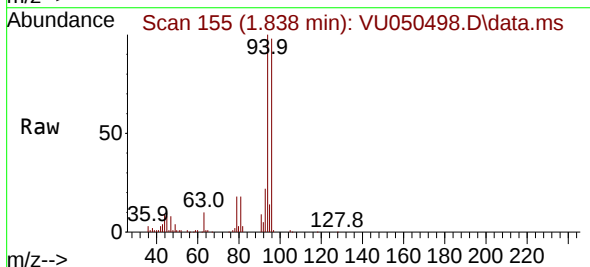
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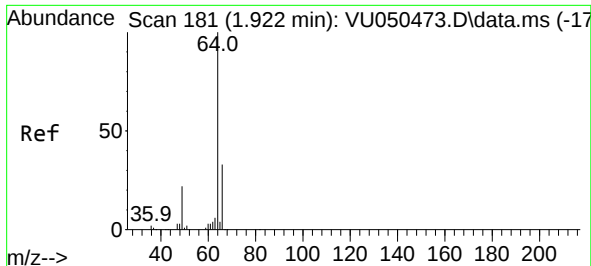
Tgt Ion: 62 Resp: 87590
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 34.120 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

Tgt Ion: 94 Resp: 46973
 Ion Ratio Lower Upper
 94 100
 96 97.5 63.3 117.5

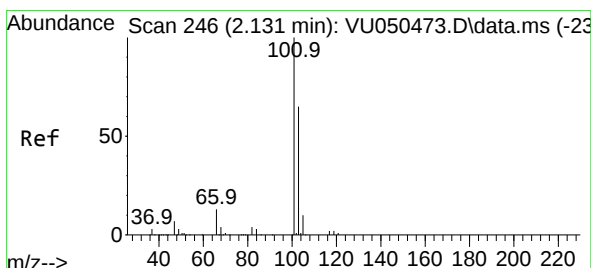
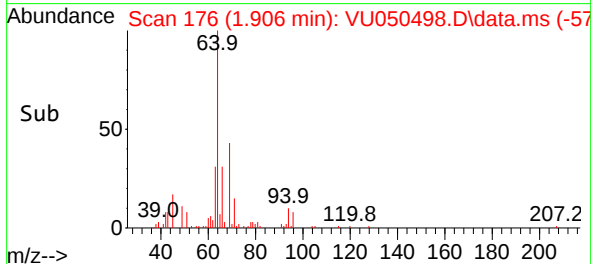
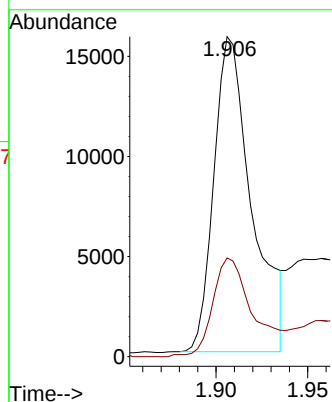
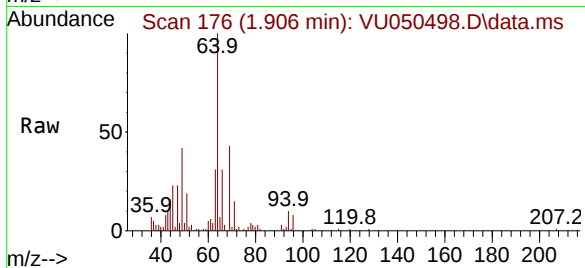




#8
Chloroethane
Concen: 9.988 ug/L
RT: 1.906 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

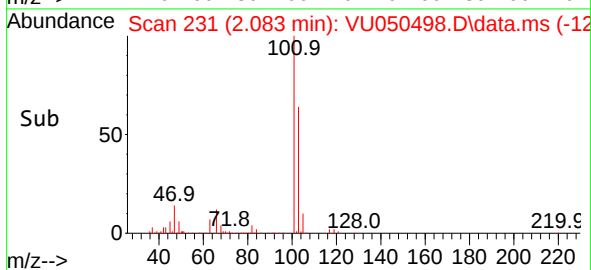
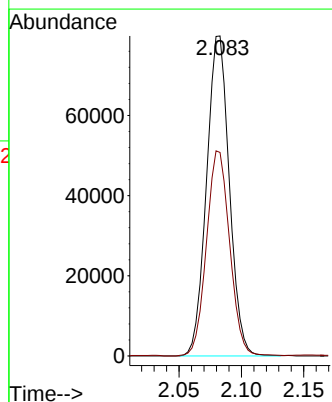
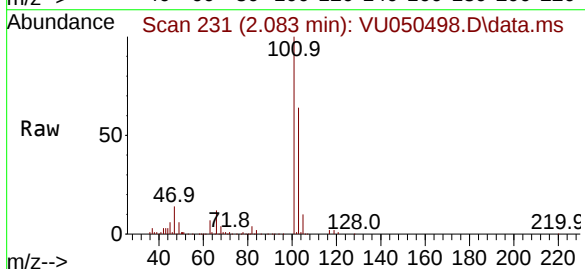
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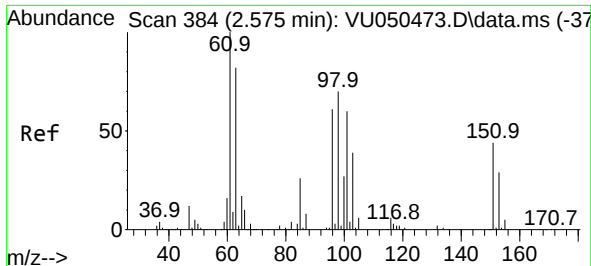
Tgt Ion: 64 Resp: 22591
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 21.439 ug/L
RT: 2.083 min Scan# 231
Delta R.T. -0.048 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion:101 Resp: 101556
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

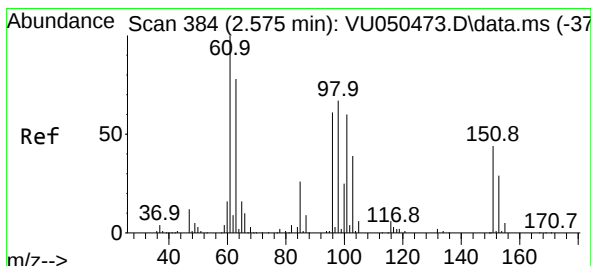
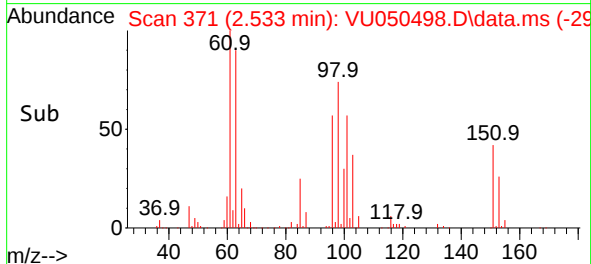
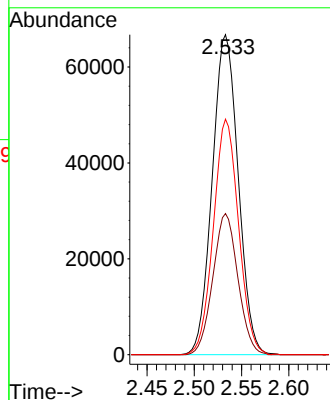
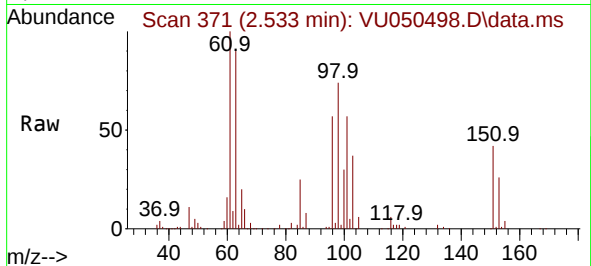




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.957 ug/L
RT: 2.533 min Scan# 31
Delta R.T. -0.042 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

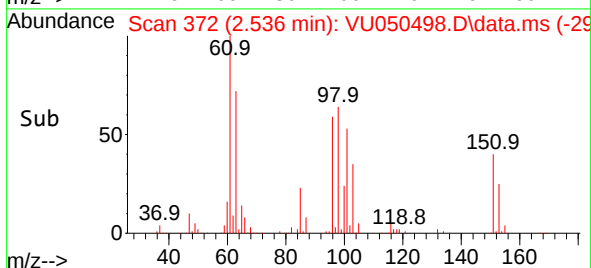
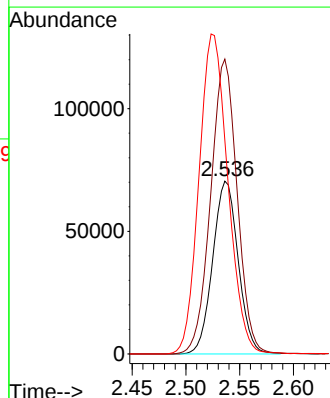
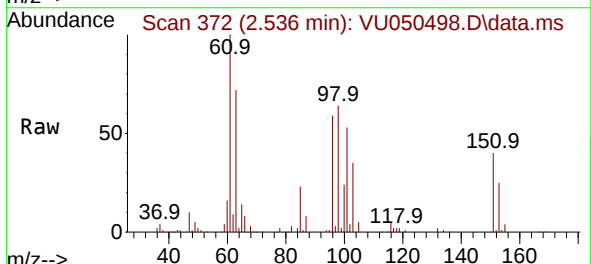
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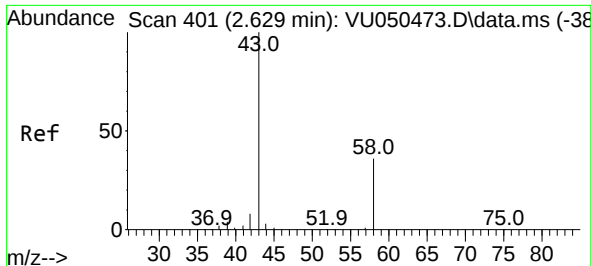
Tgt Ion:101 Resp: 127659
Ion Ratio Lower Upper
101 100
85 42.5 35.3 52.9
151 71.3 57.3 85.9



#12
1,1-Dichloroethene
Concen: 45.133 ug/L
RT: 2.536 min Scan# 372
Delta R.T. -0.038 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 96 Resp: 115875
Ion Ratio Lower Upper
96 100
61 170.6 116.8 216.8
63 123.6 97.4 180.8





#13

Acetone

Concen: 84.844 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.029 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

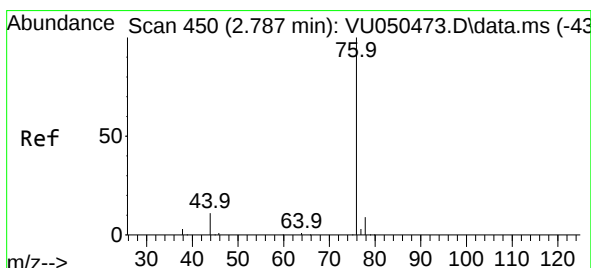
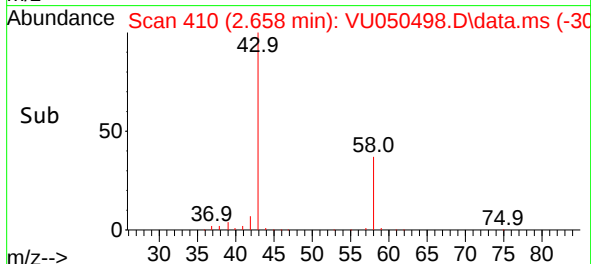
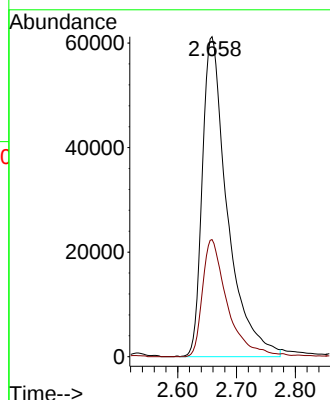
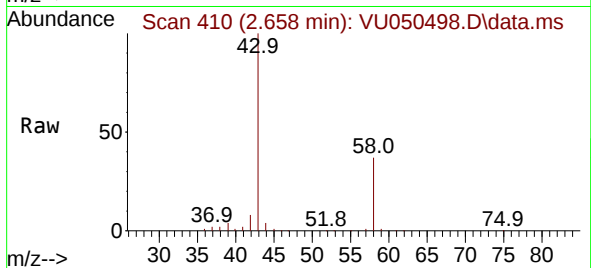
EY163MEMSD

Tgt Ion: 43 Resp: 180702

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.2



#14

Carbon disulfide

Concen: 29.543 ug/L

RT: 2.752 min Scan# 439

Delta R.T. -0.035 min

Lab File: VU050498.D

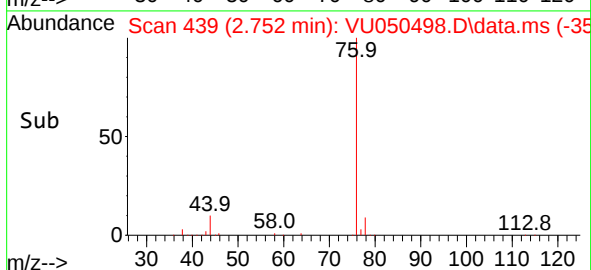
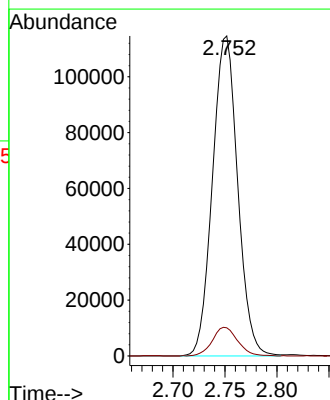
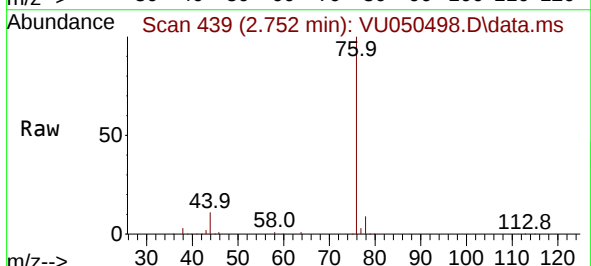
Acq: 29 Aug 2022 20:42

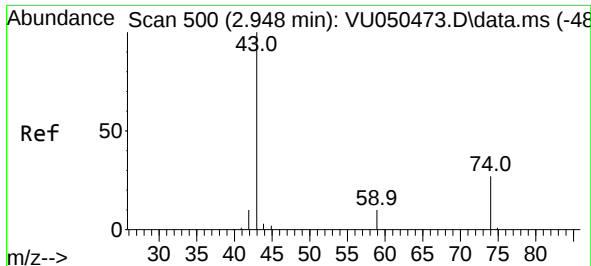
Tgt Ion: 76 Resp: 193557

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

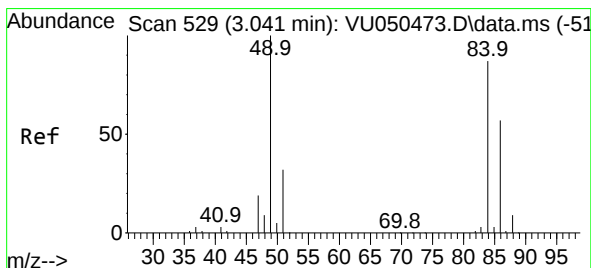
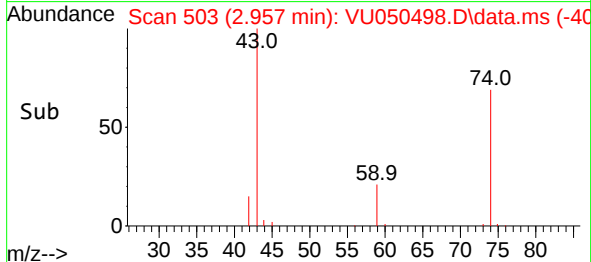
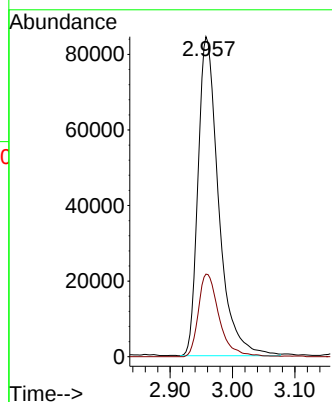
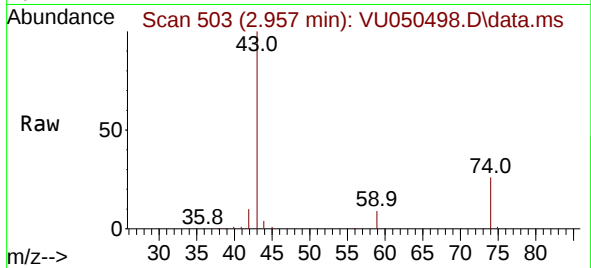




#15
Methyl Acetate
Concen: 50.520 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

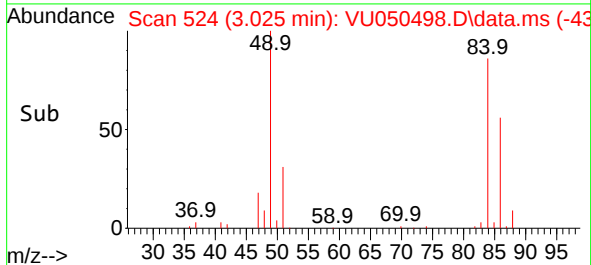
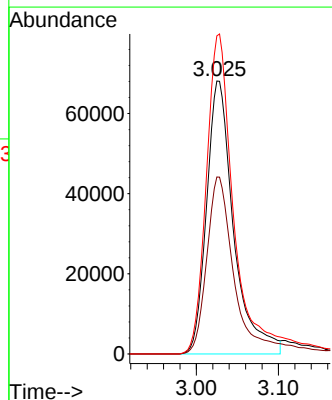
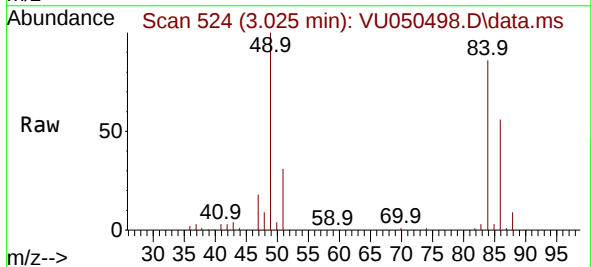
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

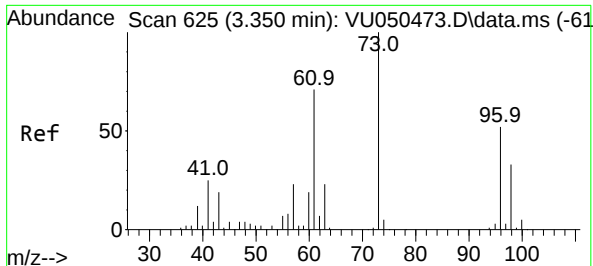
Tgt Ion: 43 Resp: 193585
Ion Ratio Lower Upper
43 100
74 25.8 21.2 31.8



#16
Methylene chloride
Concen: 43.733 ug/L
RT: 3.025 min Scan# 524
Delta R.T. -0.016 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 84 Resp: 156483
Ion Ratio Lower Upper
84 100
86 64.8 43.9 81.5
49 116.5 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 45.891 ug/L

RT: 3.327 min Scan# 61

Delta R.T. -0.022 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

EY163MEMSD

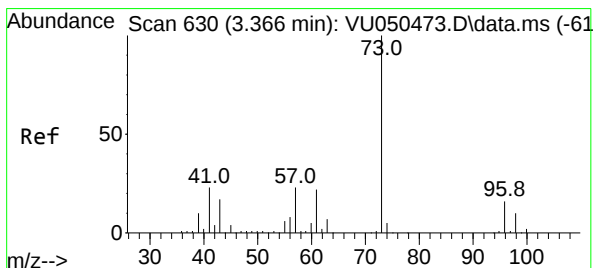
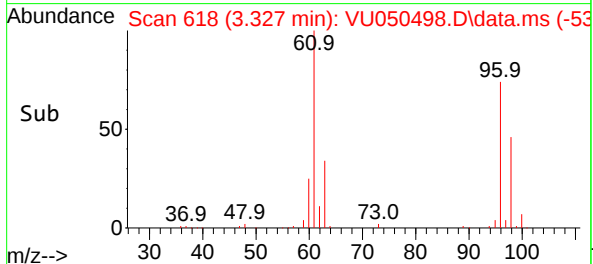
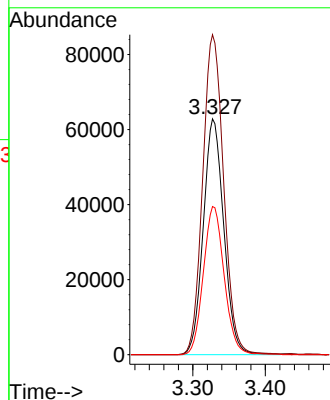
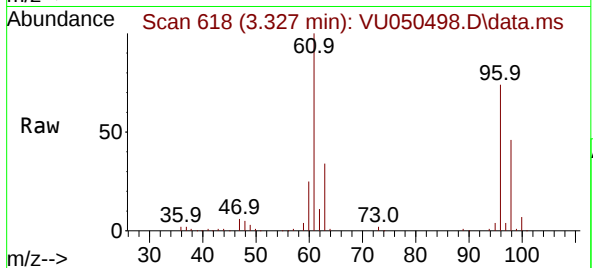
Tgt Ion: 96 Resp: 123858

Ion Ratio Lower Upper

96 100

61 135.7 98.5 182.9

98 62.8 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 56.601 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.007 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

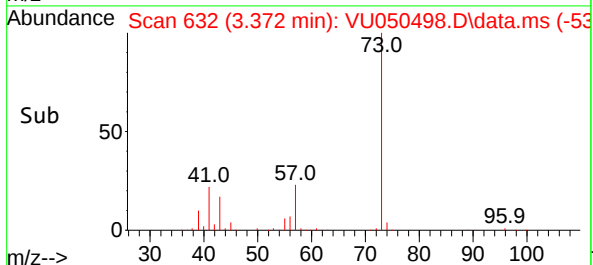
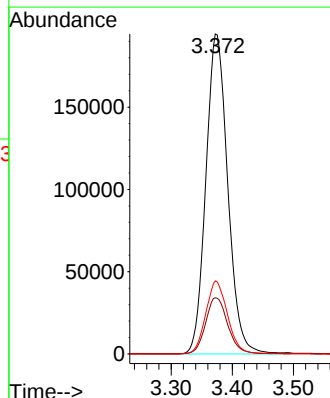
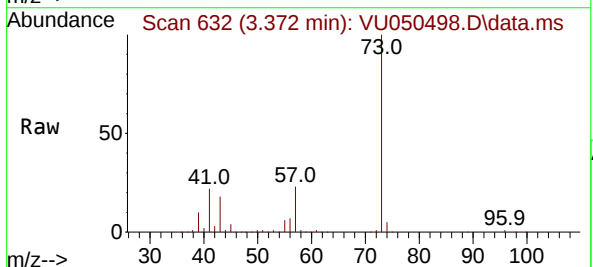
Tgt Ion: 73 Resp: 483501

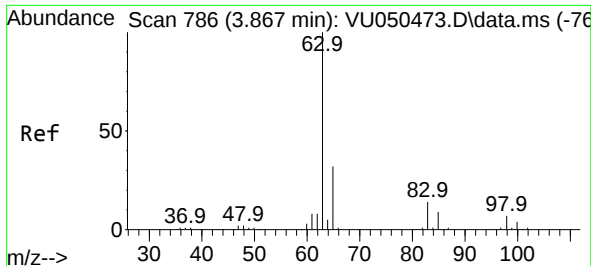
Ion Ratio Lower Upper

73 100

43 17.5 14.4 21.6

57 22.7 17.8 26.8

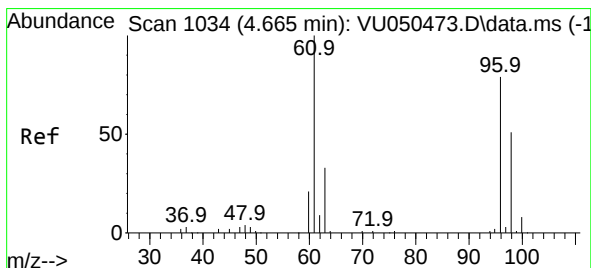
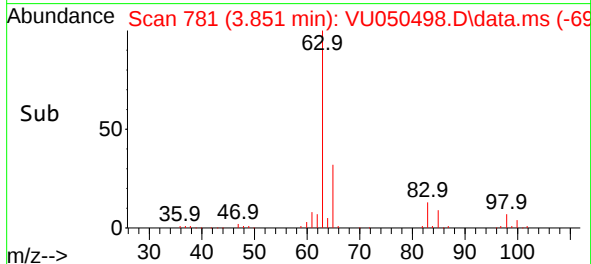
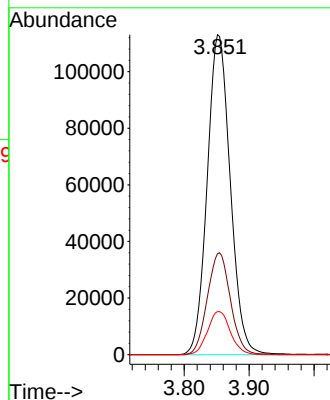
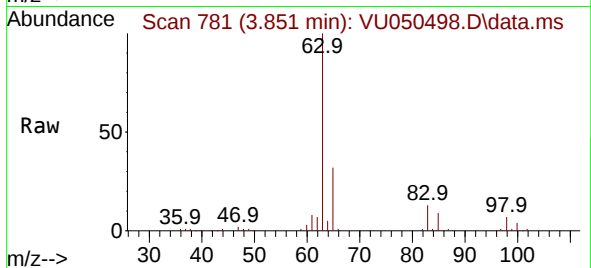




#19
1,1-Dichloroethane
Concen: 47.687 ug/L
RT: 3.851 min Scan# 781
Delta R.T. -0.016 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

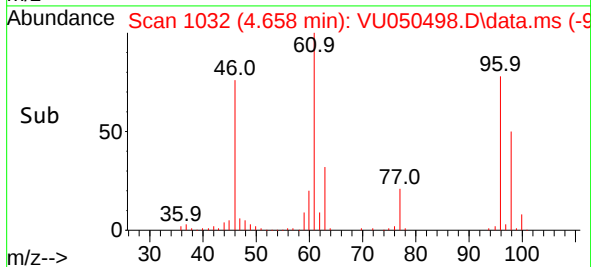
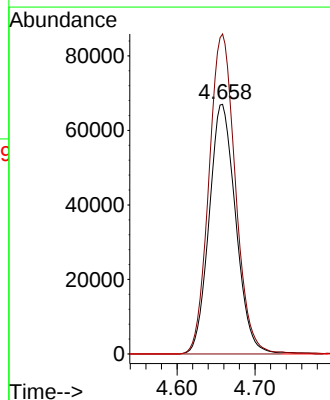
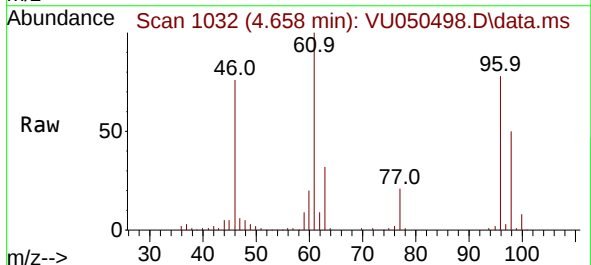
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

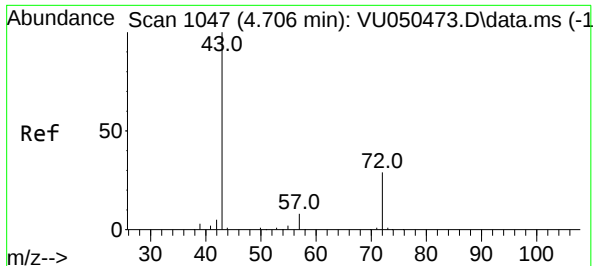
Tgt Ion: 63 Resp: 278838
Ion Ratio Lower Upper
63 100
65 31.5 23.3 43.3
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 49.051 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 96 Resp: 158534
Ion Ratio Lower Upper
96 100
61 128.2 88.1 163.5
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 100.693 ug/L

RT: 4.726 min Scan# 1105

Delta R.T. 0.019 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

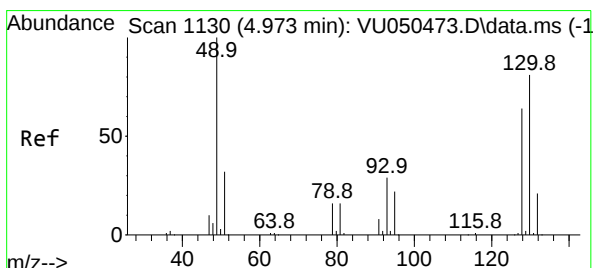
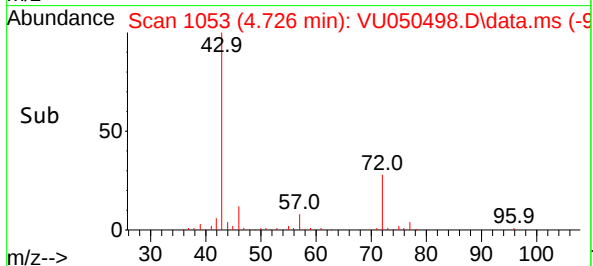
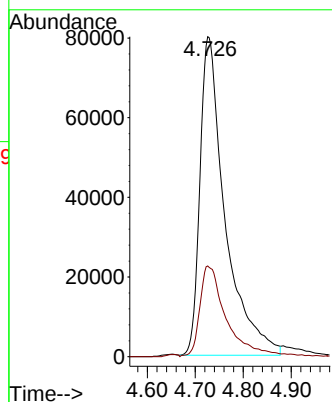
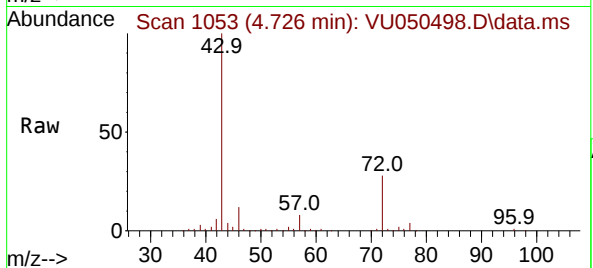
EY163MEMSD

Tgt Ion: 43 Resp: 290646

Ion Ratio Lower Upper

43 100

72 29.7 15.0 45.0



#23

Bromochloromethane

Concen: 46.848 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Tgt Ion:128 Resp: 82698

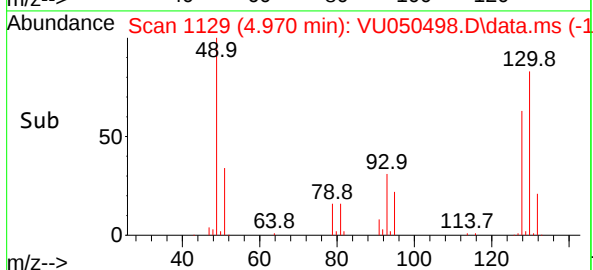
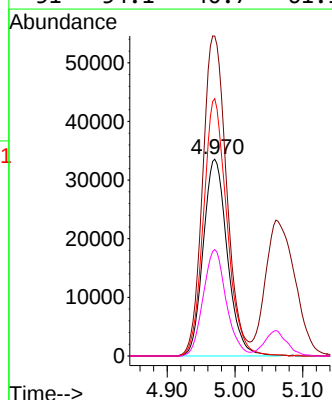
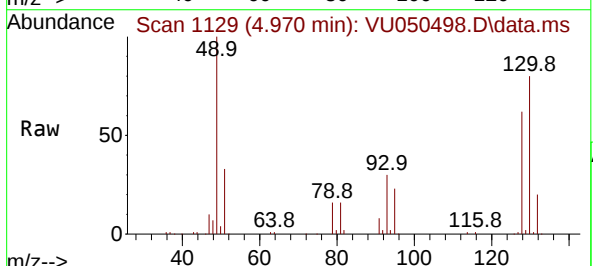
Ion Ratio Lower Upper

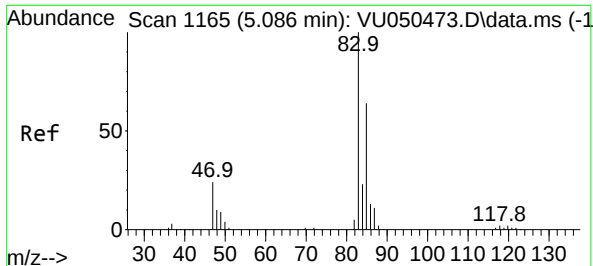
128 100

49 162.6 111.2 206.4

130 130.8 91.1 169.1

51 54.1 40.7 61.1

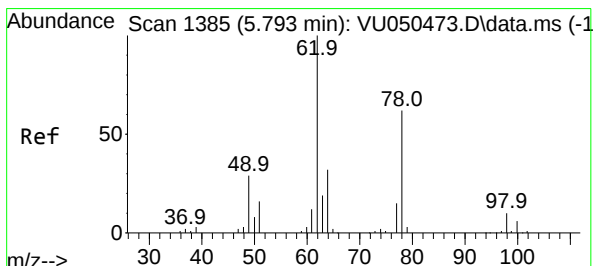
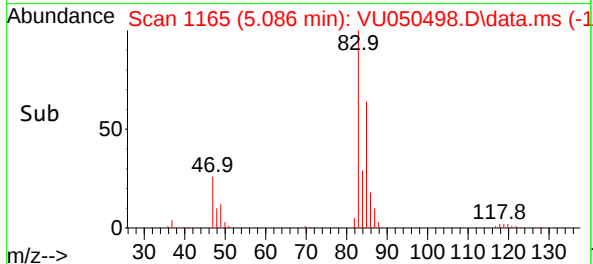
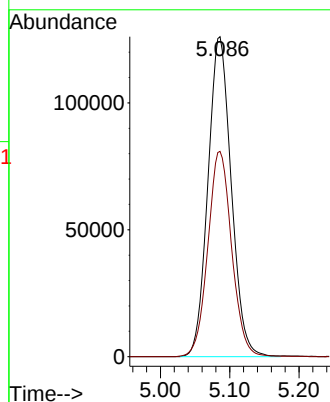
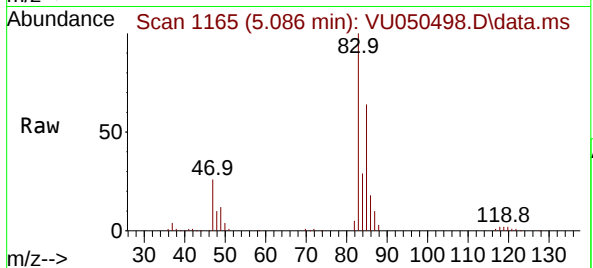




#25
Chloroform
Concen: 47.252 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

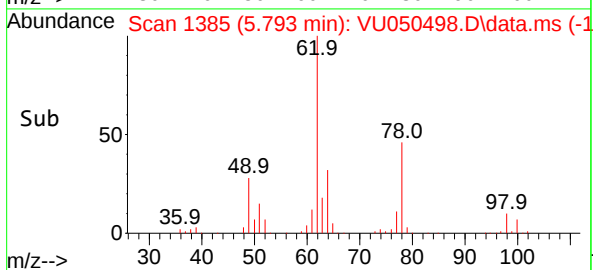
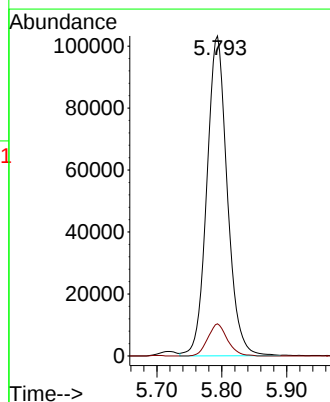
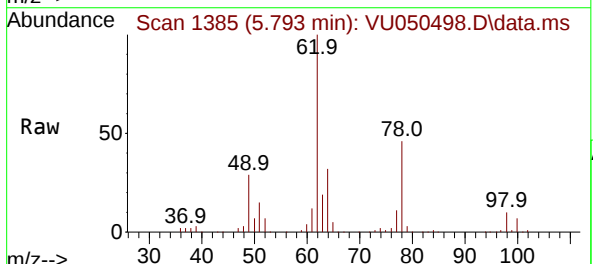
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

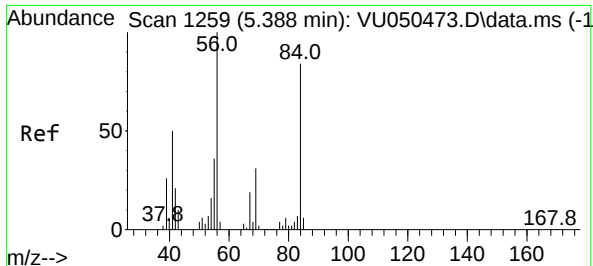
Tgt Ion: 83 Resp: 294345
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 48.590 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 62 Resp: 225788
Ion Ratio Lower Upper
62 100
98 10.1 7.3 10.9





#29

Cyclohexane

Concen: 50.242 ug/L

RT: 5.372 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

EY163MEMSD

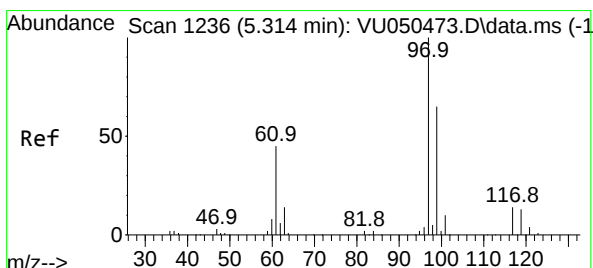
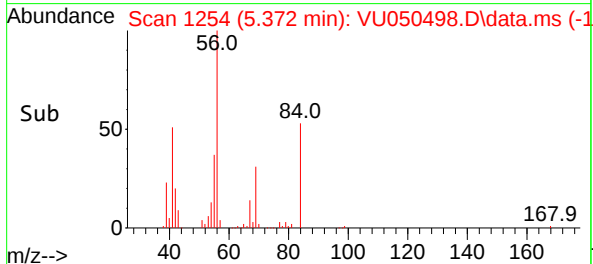
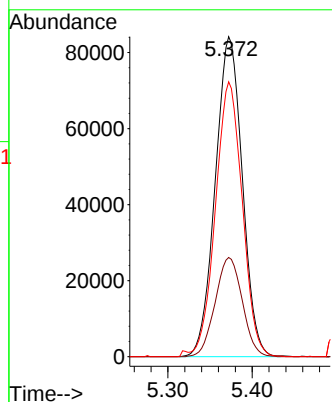
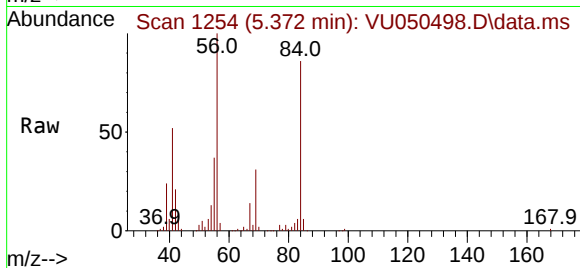
Tgt Ion: 56 Resp: 187320

Ion Ratio Lower Upper

56 100

69 31.0 24.6 36.8

84 85.2 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 45.557 ug/L

RT: 5.305 min Scan# 1233

Delta R.T. -0.009 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

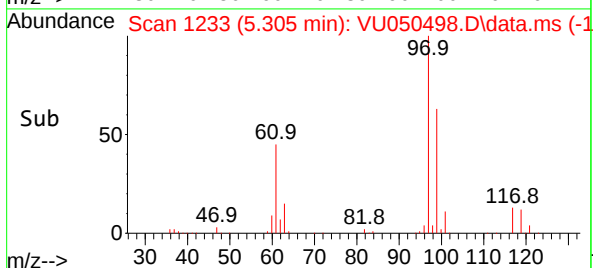
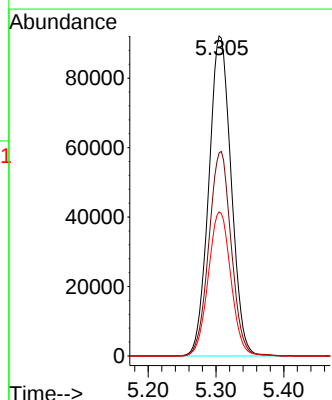
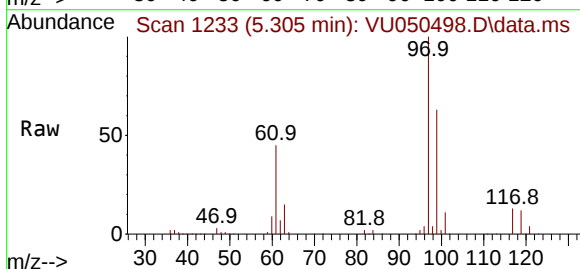
Tgt Ion: 97 Resp: 211253

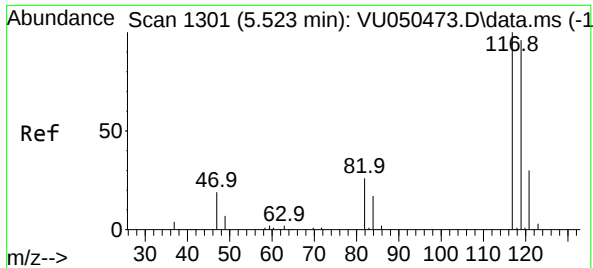
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 45.6 36.6 55.0

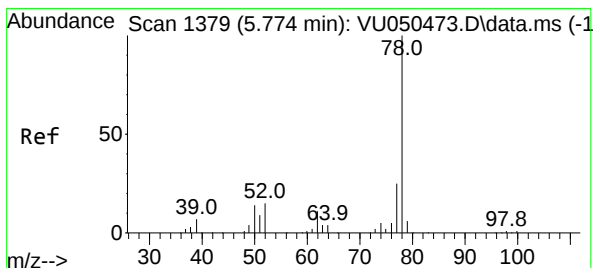
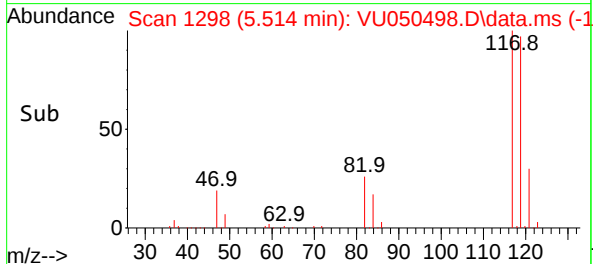
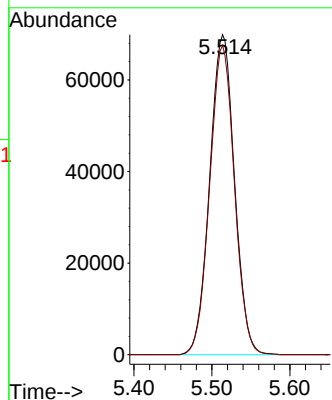
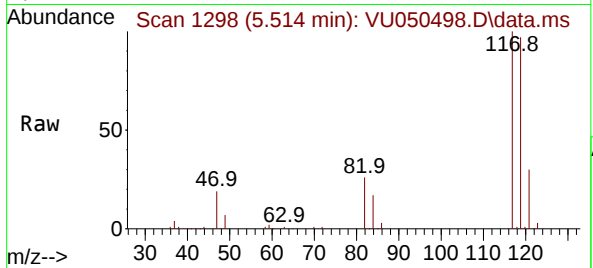




#31
Carbon tetrachloride
Concen: 40.625 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.009 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

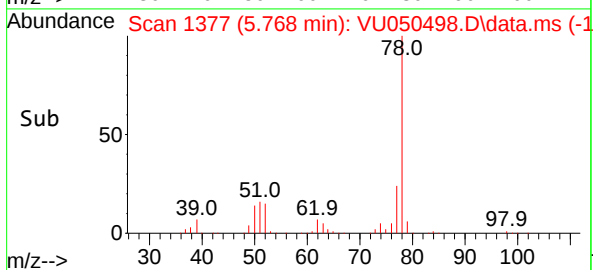
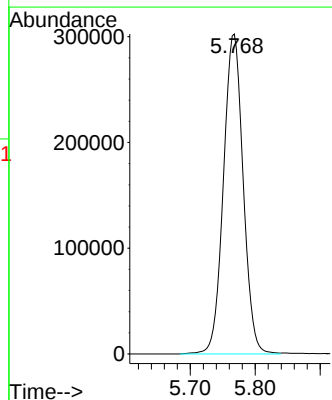
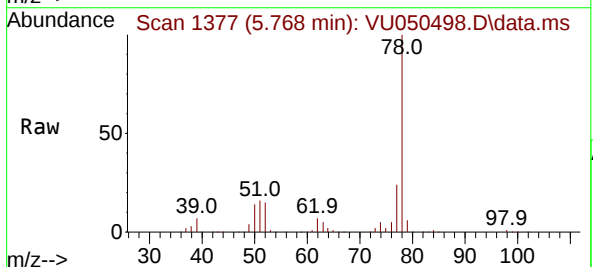
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

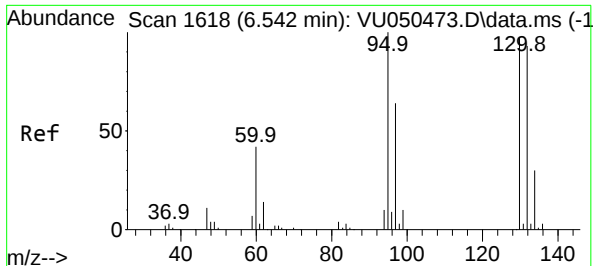
Tgt Ion:117 Resp: 154596
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 51.971 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 78 Resp: 637759

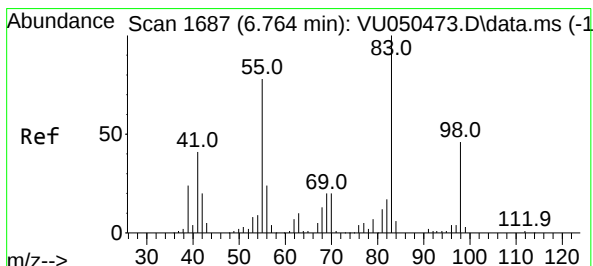
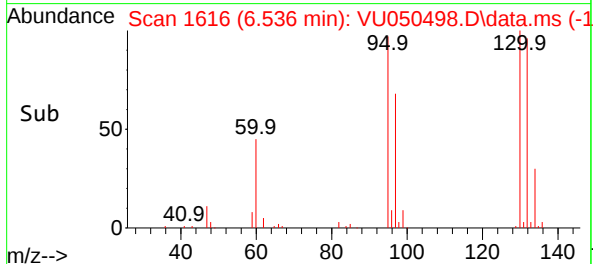
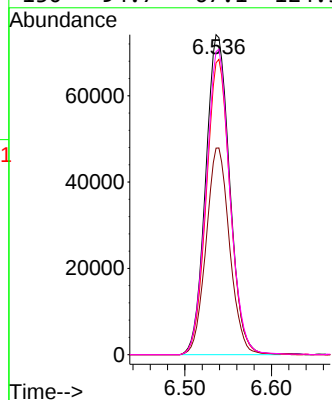
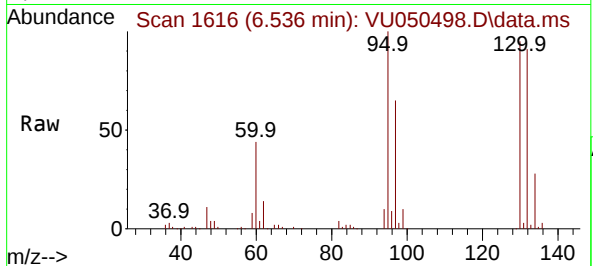




#34
Trichloroethene
Concen: 49.196 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

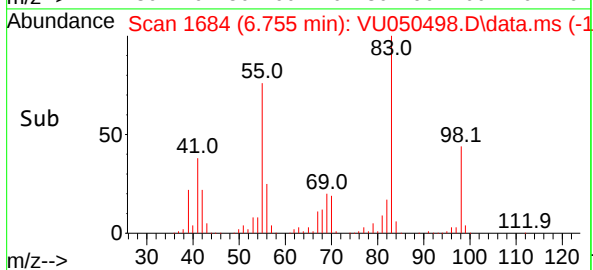
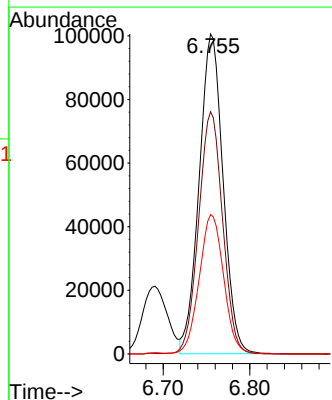
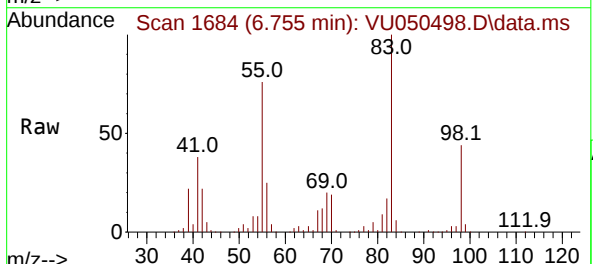
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

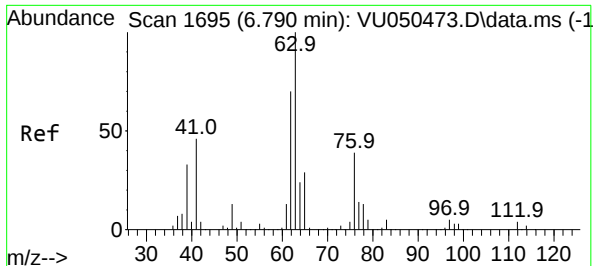
Tgt Ion: 95 Resp: 142902
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 91.2 64.4 119.6
130 94.7 67.1 124.5



#35
Methylcyclohexane
Concen: 47.455 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.010 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 83 Resp: 192747
Ion Ratio Lower Upper
83 100
55 76.1 61.9 92.9
98 44.6 35.8 53.8





#37

1,2-Dichloropropane

Concen: 51.027 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

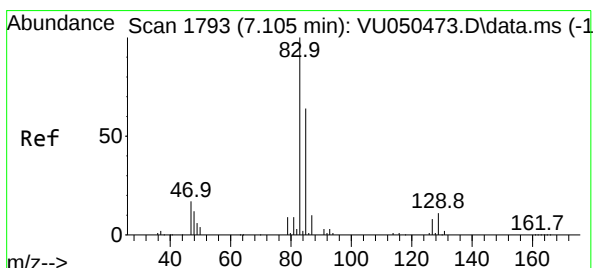
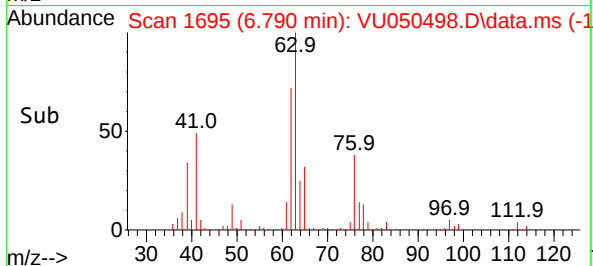
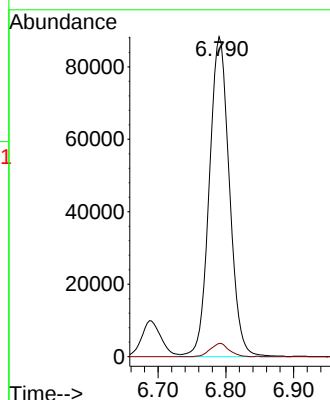
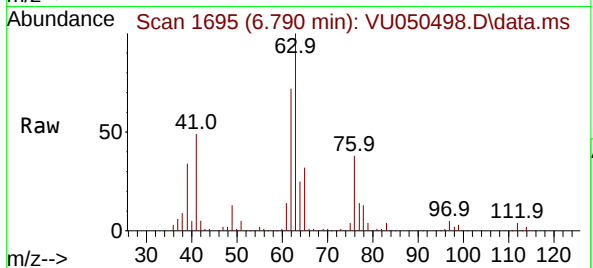
EY163MEMSD

Tgt Ion: 63 Resp: 181887

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 42.124 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

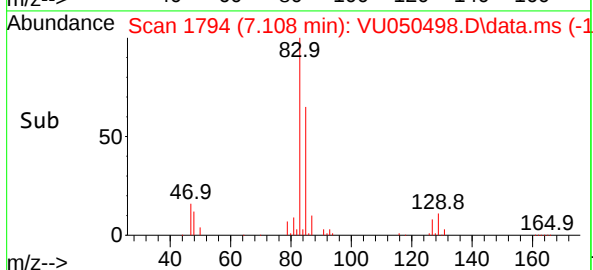
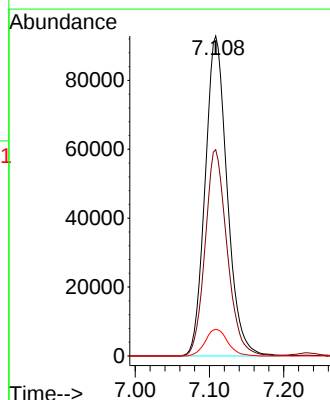
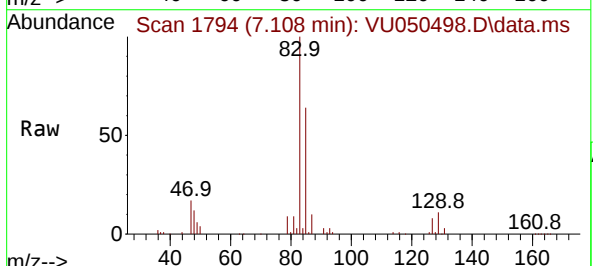
Tgt Ion: 83 Resp: 191569

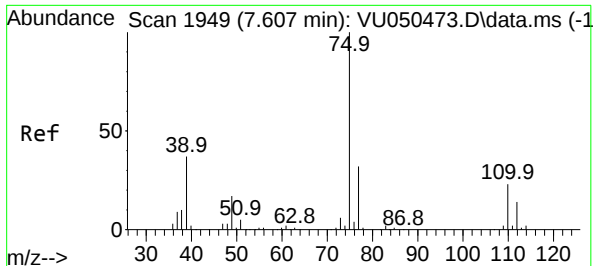
Ion Ratio Lower Upper

83 100

85 64.4 46.2 85.8

127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 46.751 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

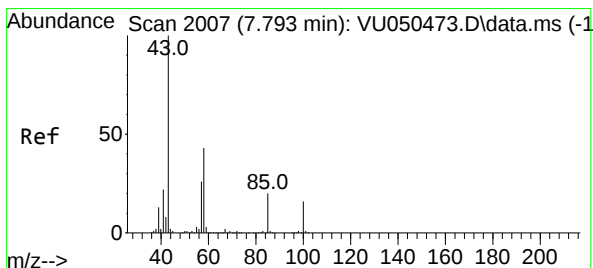
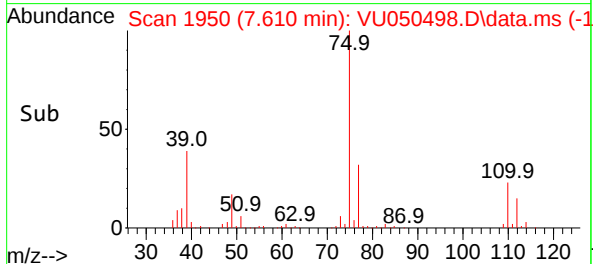
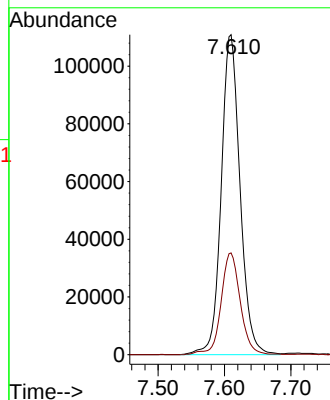
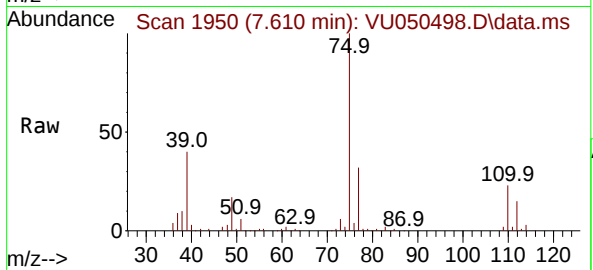
EY163MEMSD

Tgt Ion: 75 Resp: 218836

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 114.804 ug/L

RT: 7.806 min Scan# 2011

Delta R.T. 0.013 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

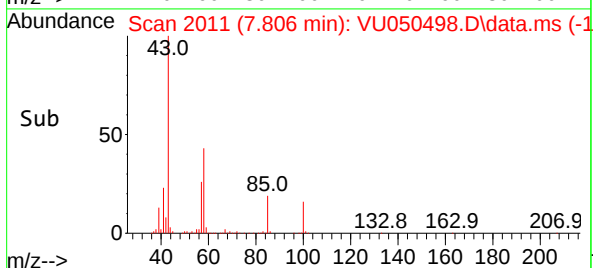
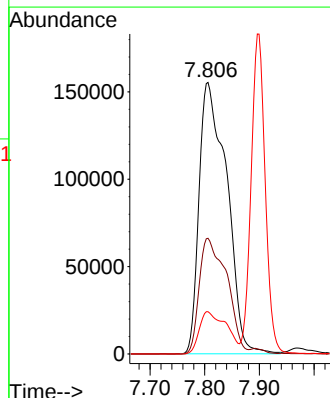
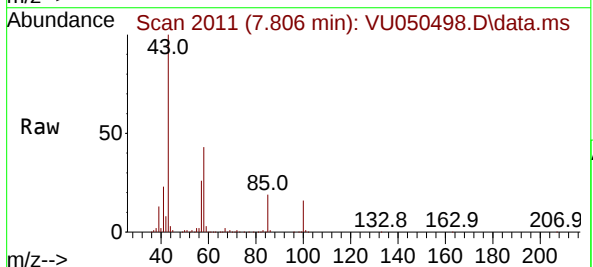
Tgt Ion: 43 Resp: 543808

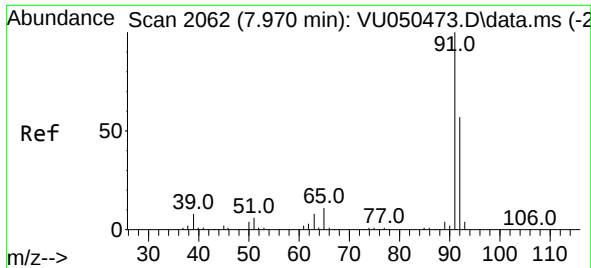
Ion Ratio Lower Upper

43 100

58 42.6 34.0 51.0

100 11.1 13.0 19.4





#42

Toluene

Concen: 53.273 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

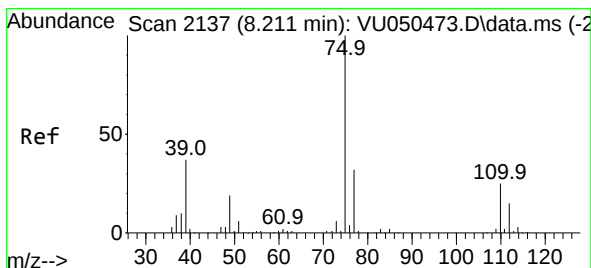
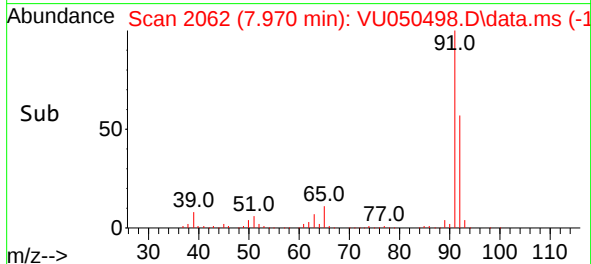
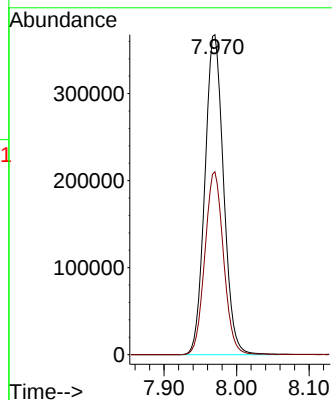
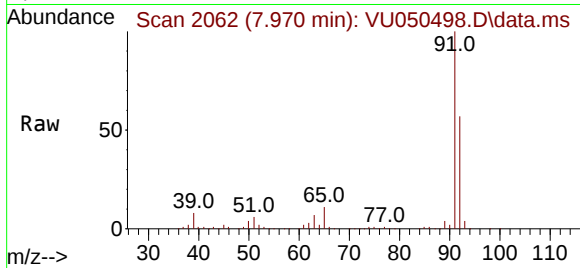
EY163MEMSD

Tgt Ion: 91 Resp: 658656

Ion Ratio Lower Upper

91 100

92 57.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 47.297 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU050498.D

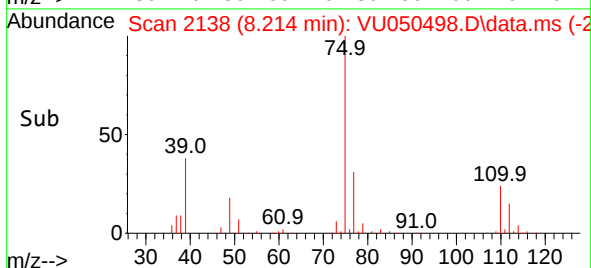
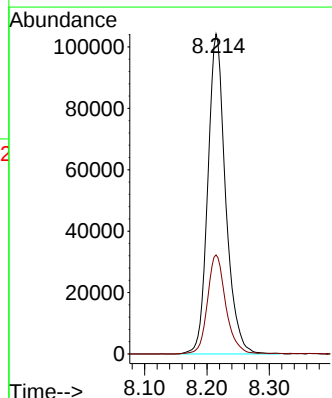
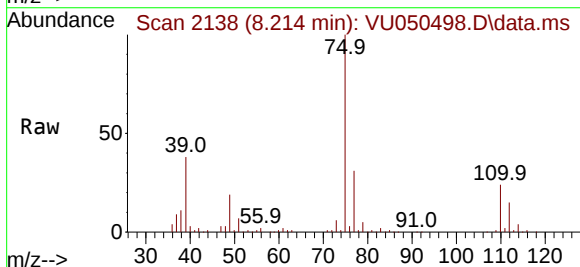
Acq: 29 Aug 2022 20:42

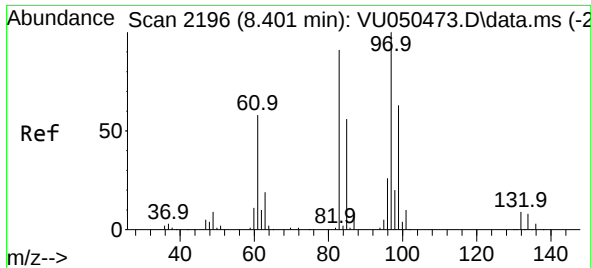
Tgt Ion: 75 Resp: 206362

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7

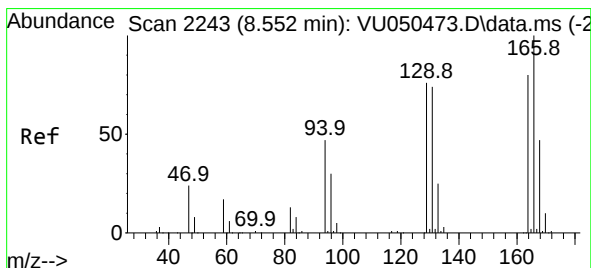
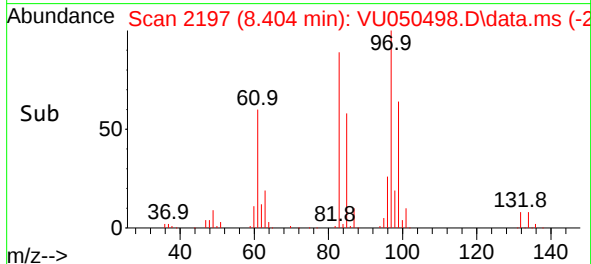
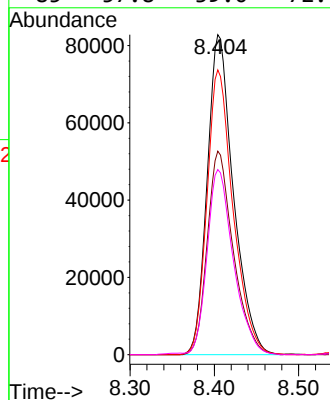
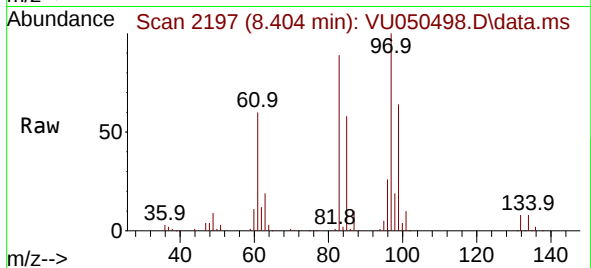




#45
1,1,2-Trichloroethane
Concen: 51.258 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

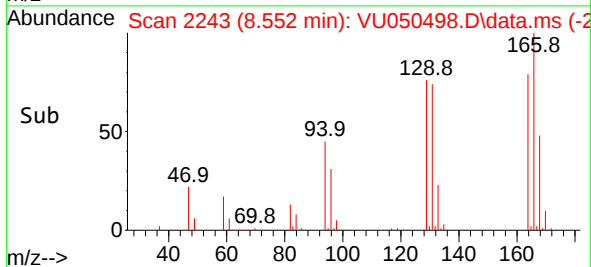
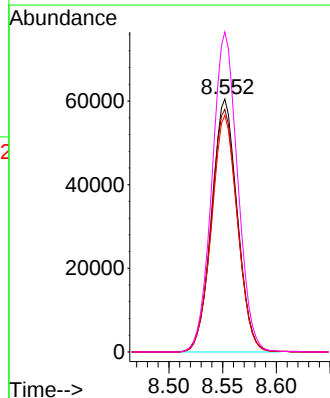
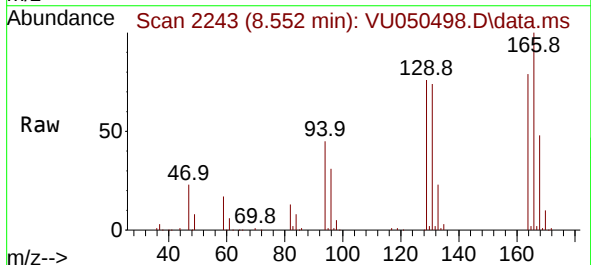
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

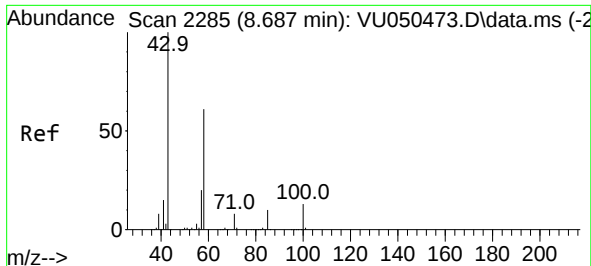
Tgt Ion:	97	Resp:	179785
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.3
83	89.0	60.3	112.1
85	57.8	39.0	72.4



#46
Tetrachloroethene
Concen: 46.762 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion:	164	Resp:	99763
Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.0	126.4
131	93.6	65.4	121.4
166	126.5	86.5	160.7

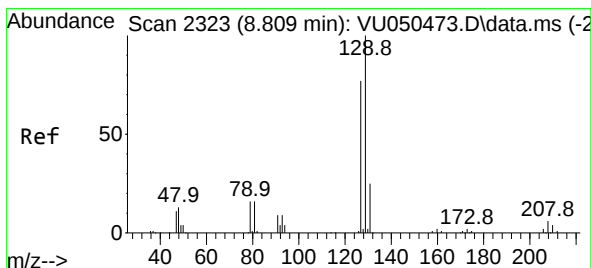
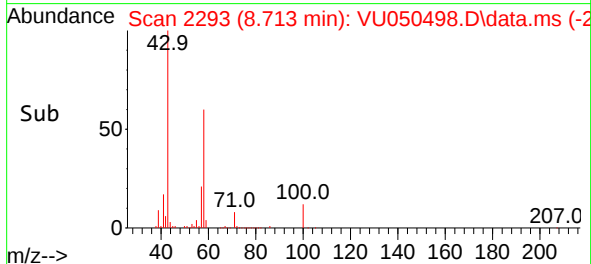
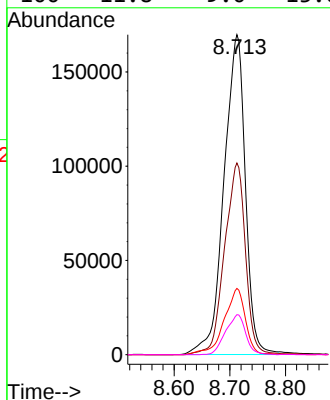
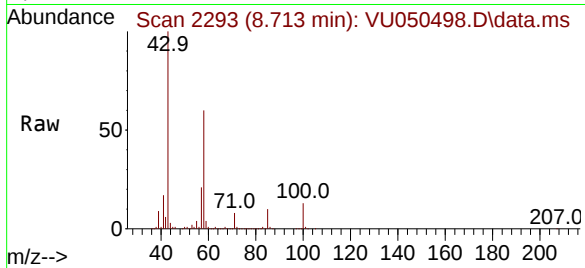




#48
2-Hexanone
Concen: 114.448 ug/L
RT: 8.713 min Scan# 21
Delta R.T. 0.026 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

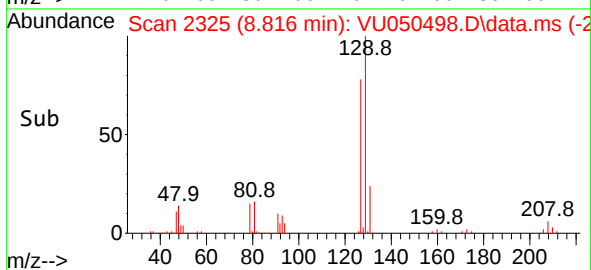
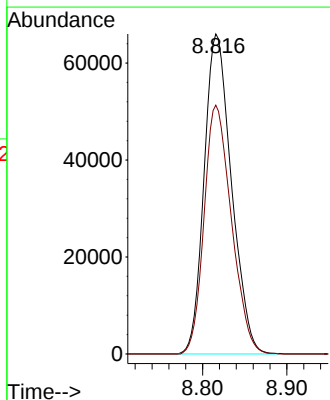
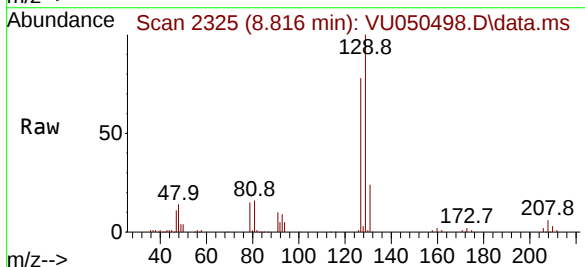
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

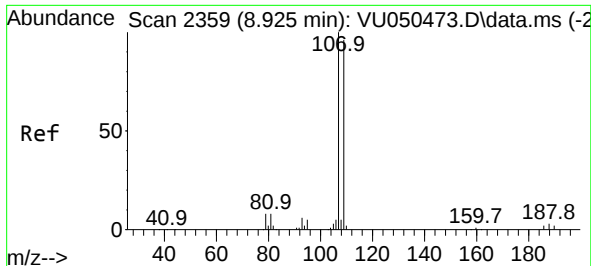
Tgt Ion: 43 Resp: 452734
Ion Ratio Lower Upper
43 100
58 58.5 47.9 71.9
57 20.6 15.4 23.0
100 11.8 9.0 13.6



#49
Dibromochloromethane
Concen: 41.011 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.007 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 129 Resp: 149002
Ion Ratio Lower Upper
129 100
127 77.8 55.9 103.7





#50

1,2-Dibromoethane

Concen: 49.501 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

EY163MEMSD

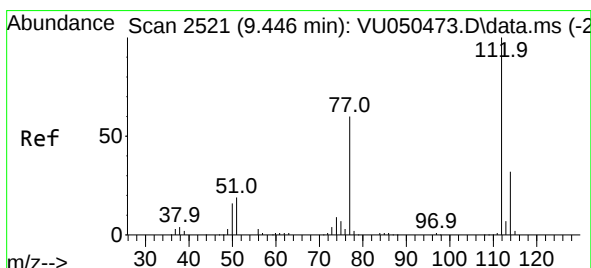
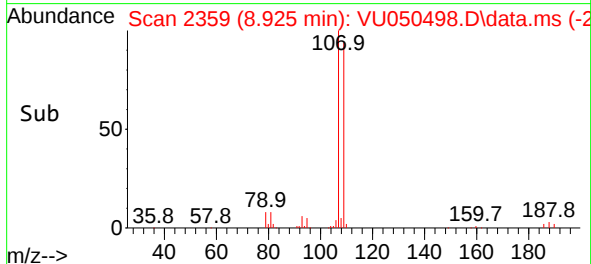
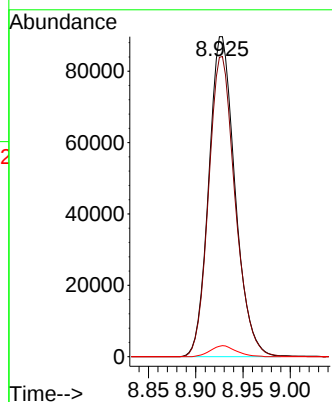
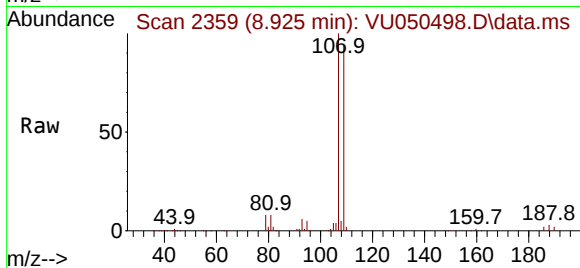
Tgt Ion:107 Resp: 173510

Ion Ratio Lower Upper

107 100

109 93.6 66.0 122.6

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 51.408 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

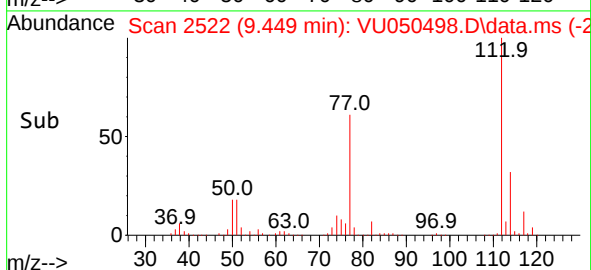
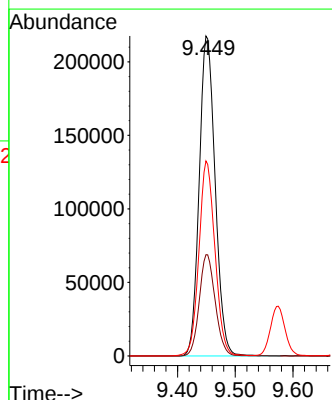
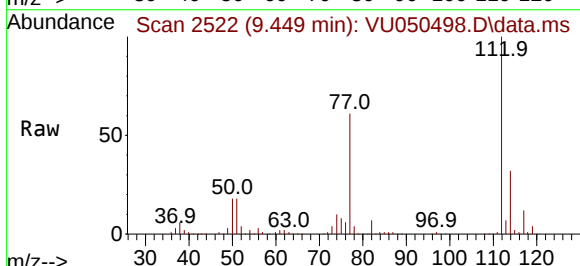
Tgt Ion:112 Resp: 417107

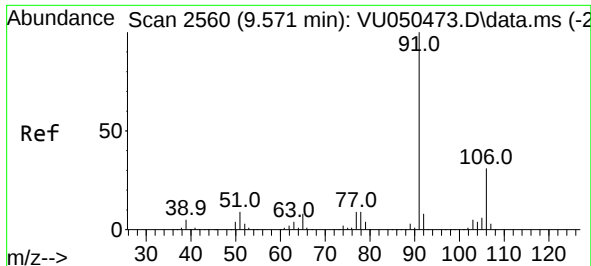
Ion Ratio Lower Upper

112 100

114 31.7 21.8 40.6

77 60.9 47.6 71.4

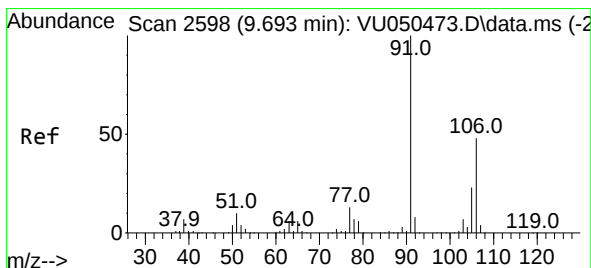
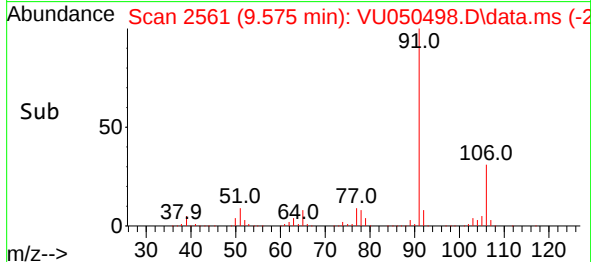
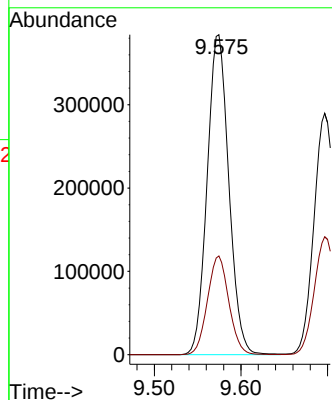
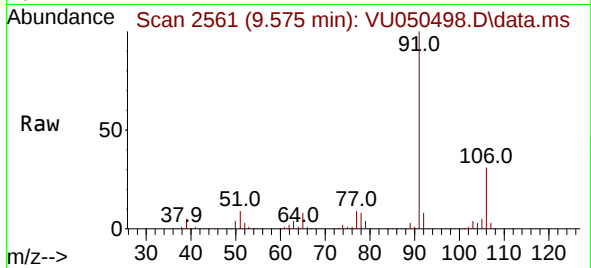




#52
Ethylbenzene
Concen: 53.566 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

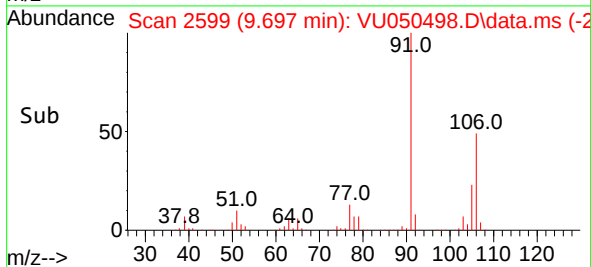
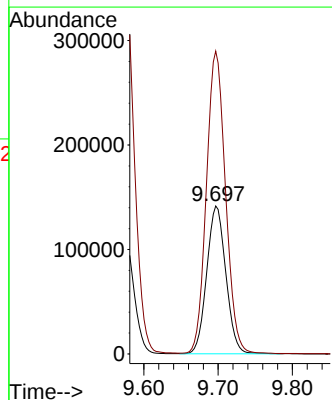
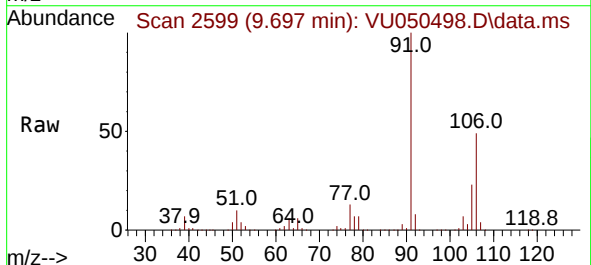
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

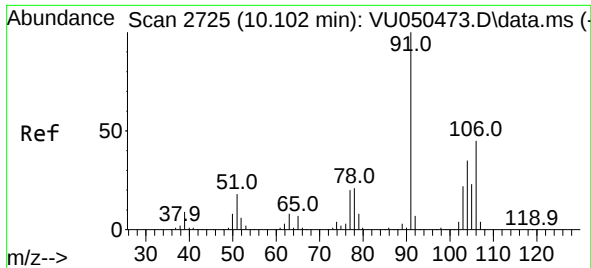
Tgt Ion: 91 Resp: 667494
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 54.222 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 106 Resp: 252322
Ion Ratio Lower Upper
106 100
91 204.7 145.9 270.9

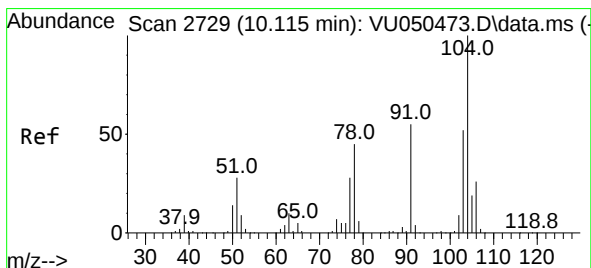
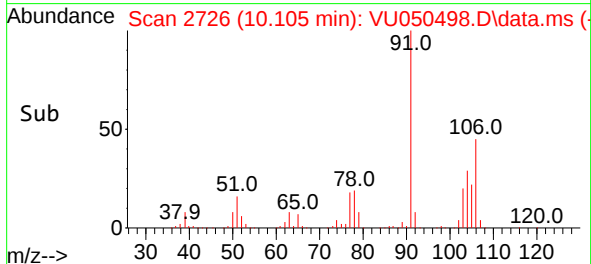
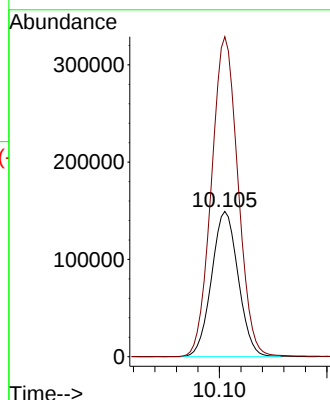
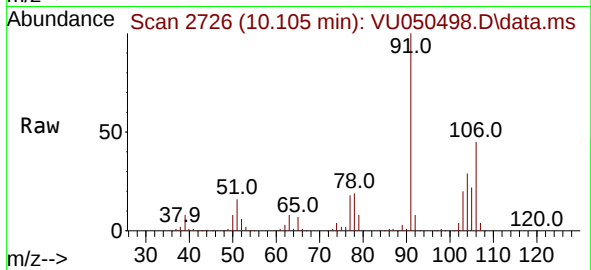




#54
o-Xylene
Concen: 55.539 ug/L
RT: 10.105 min Scan# 2710
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

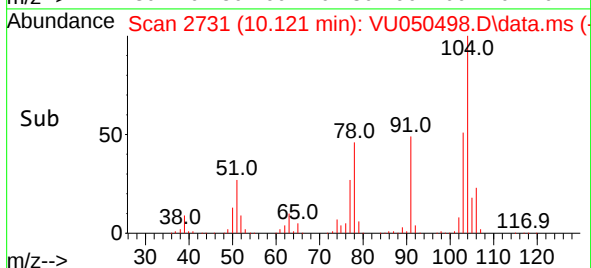
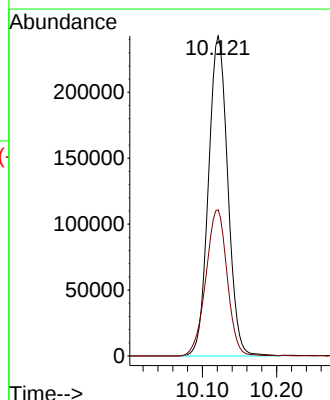
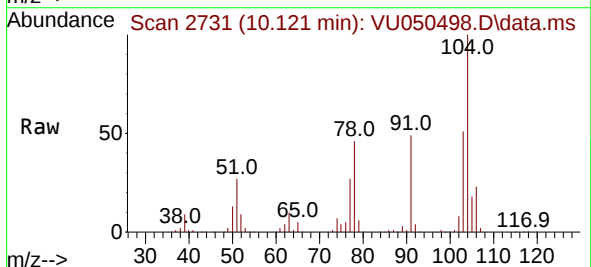
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

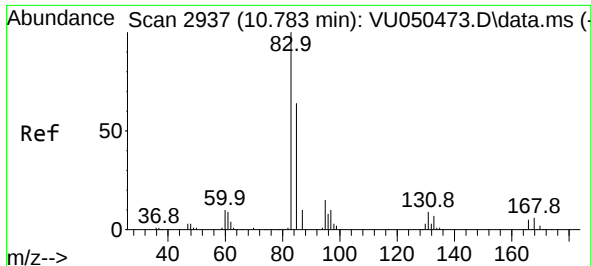
Tgt Ion:106 Resp: 256769
Ion Ratio Lower Upper
106 100
91 220.3 154.8 287.4



#55
Styrene
Concen: 55.865 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.007 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion:104 Resp: 439479
Ion Ratio Lower Upper
104 100
78 45.7 31.6 58.8

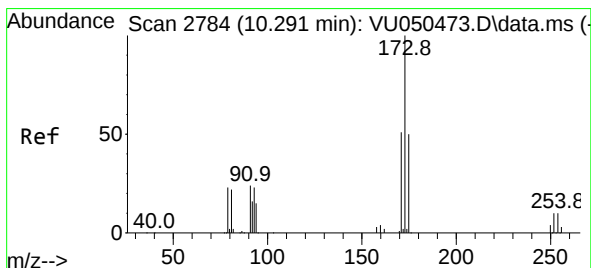
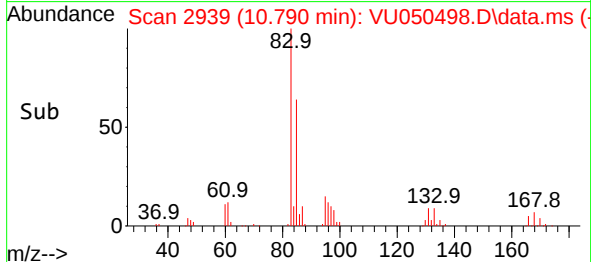
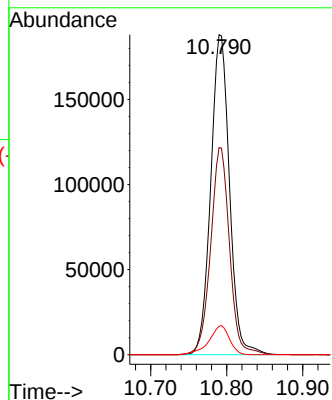
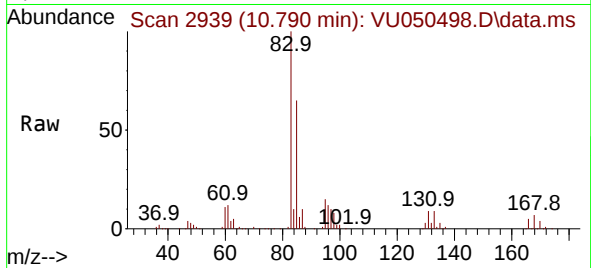




#57
1,1,2,2-Tetrachloroethane
Concen: 50.208 ug/L
RT: 10.790 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

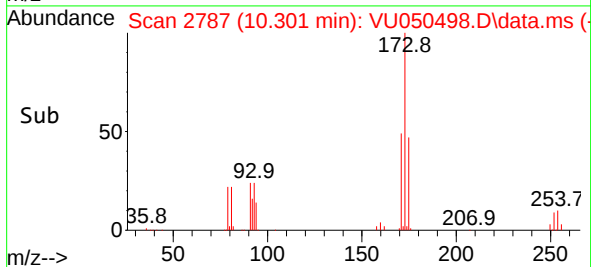
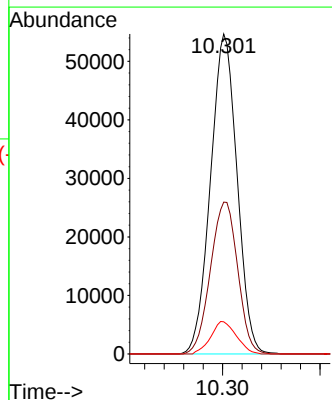
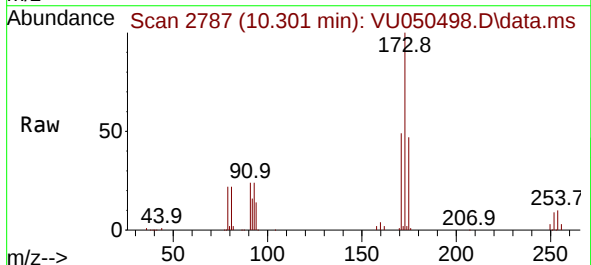
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

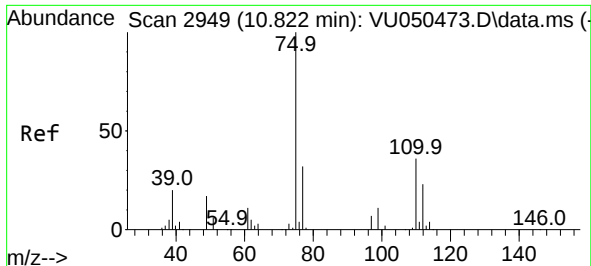
Tgt Ion: 83 Resp: 321780
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2
131 8.9 7.2 10.8



#59
Bromoform
Concen: 40.334 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 173 Resp: 103475
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 9.8 7.1 10.7

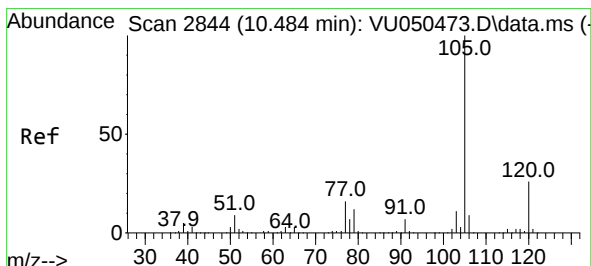
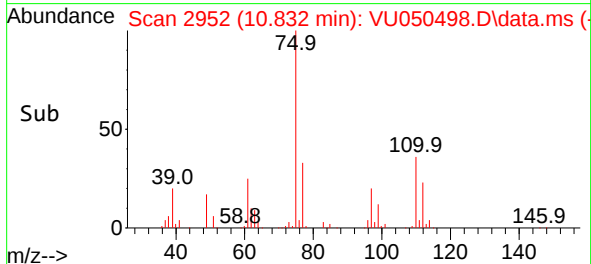
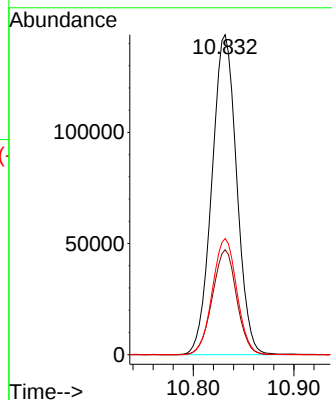
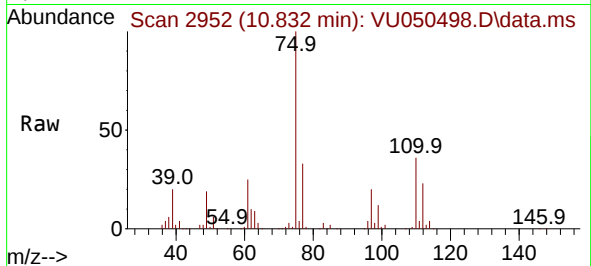




#60
1,2,3-Trichloropropane
Concen: 53.462 ug/L
RT: 10.832 min Scan# 2949
Delta R.T. 0.010 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

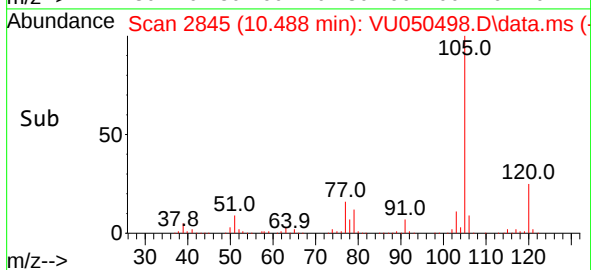
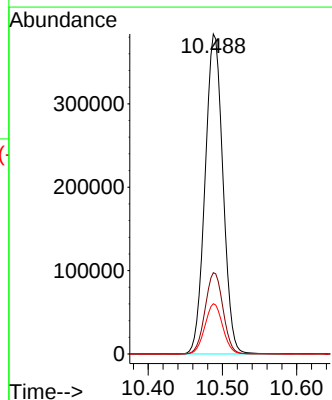
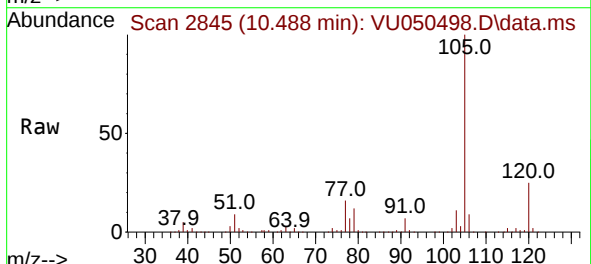
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

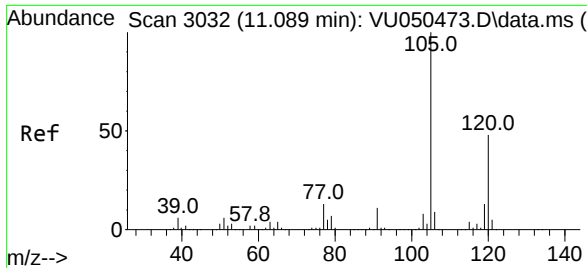
Tgt Ion: 75 Resp: 246810
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 35.9 29.0 43.4



#61
Isopropylbenzene
Concen: 57.732 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion: 105 Resp: 639719
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.7 12.5 18.7

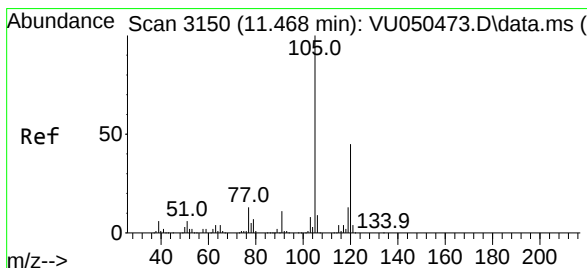
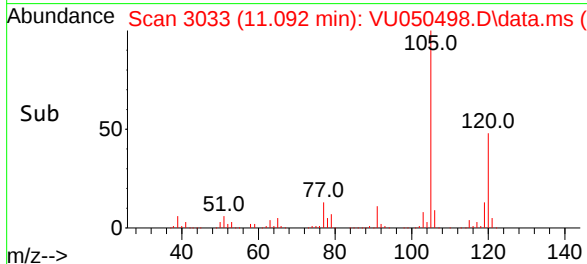
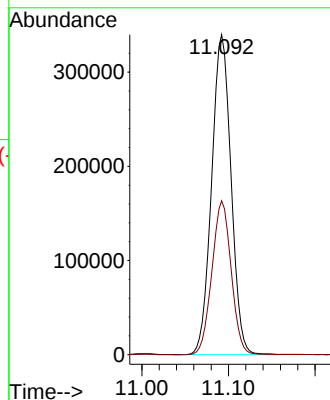
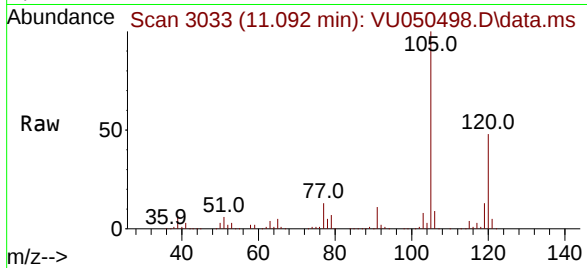




#62
 1,3,5-Trimethylbenzene
 Concen: 59.177 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

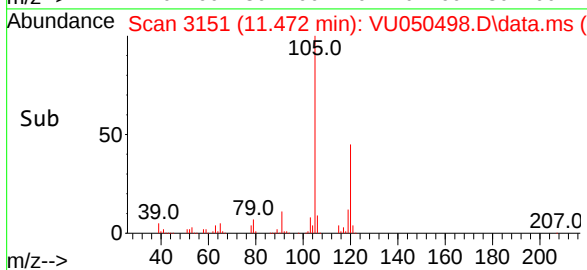
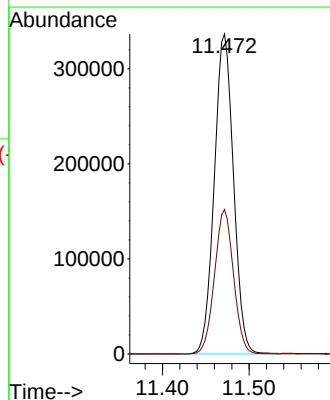
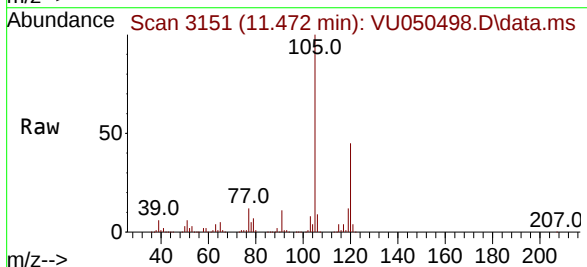
Instrument :
 MSVOA_U
 ClientSampleId :
 EY163MEMSD

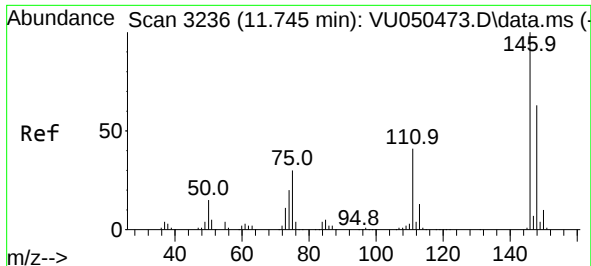
Tgt Ion:105 Resp: 529471
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 59.637 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

Tgt Ion:105 Resp: 520422
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.3 52.9

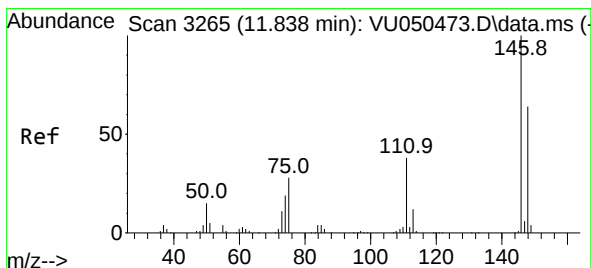
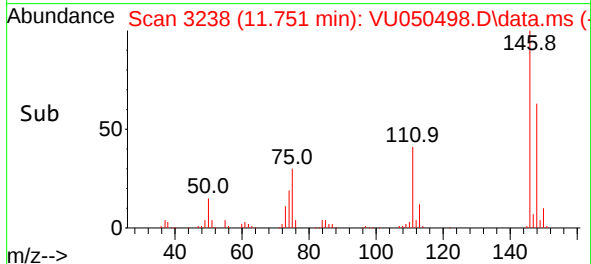
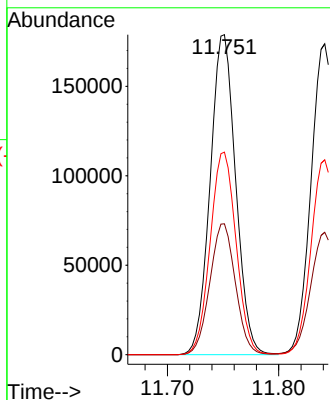
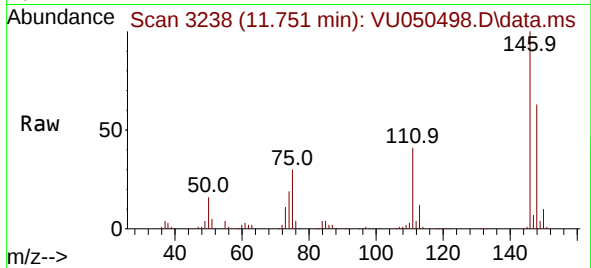




#64
1,3-Dichlorobenzene
Concen: 52.584 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

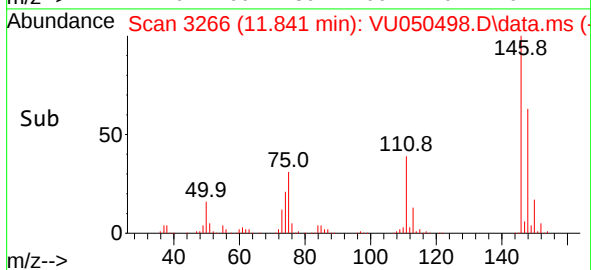
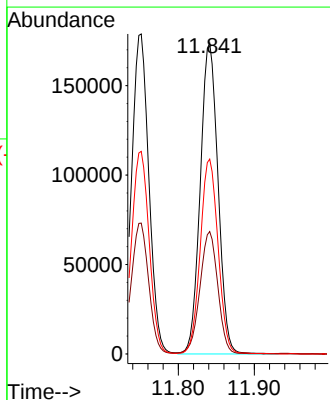
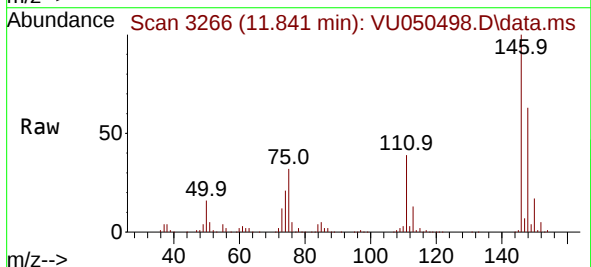
Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

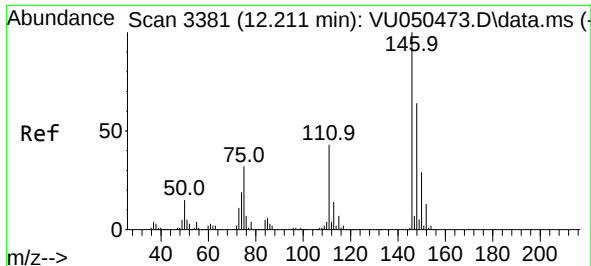
Tgt Ion:146 Resp: 284903
Ion Ratio Lower Upper
146 100
111 40.9 28.1 52.1
148 63.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.736 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion:146 Resp: 282292
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 62.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 53.388 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

Instrument :

MSVOA_U

ClientSampleId :

EY163MEMSD

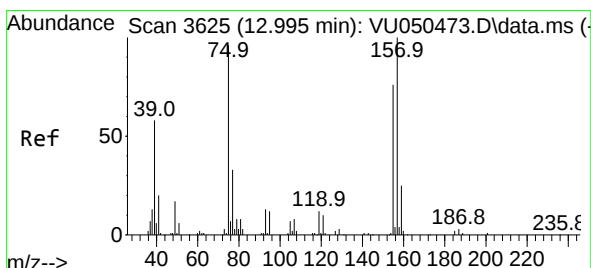
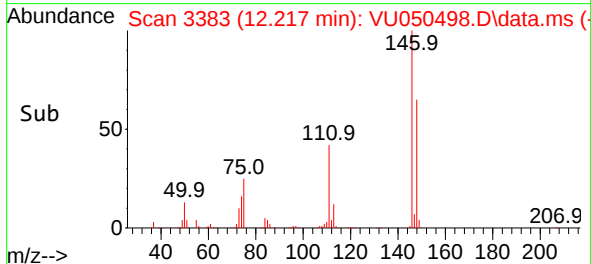
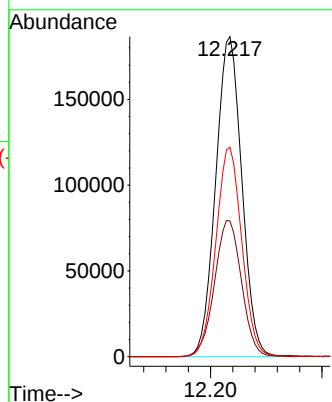
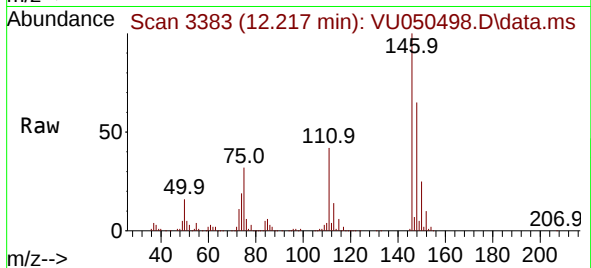
Tgt Ion:146 Resp: 304182

Ion Ratio Lower Upper

146 100

111 42.4 34.1 51.1

148 65.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 42.238 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU050498.D

Acq: 29 Aug 2022 20:42

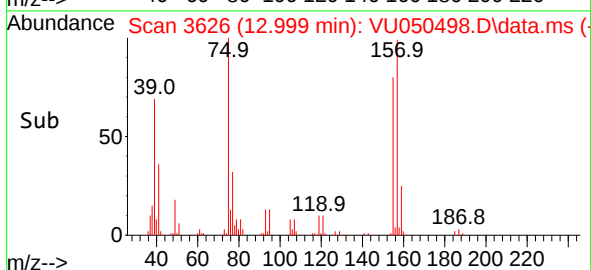
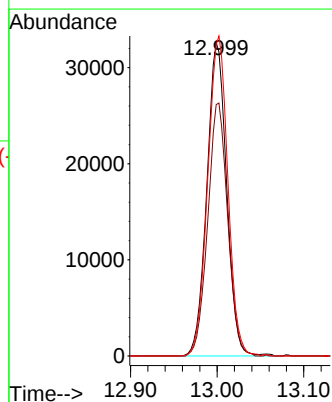
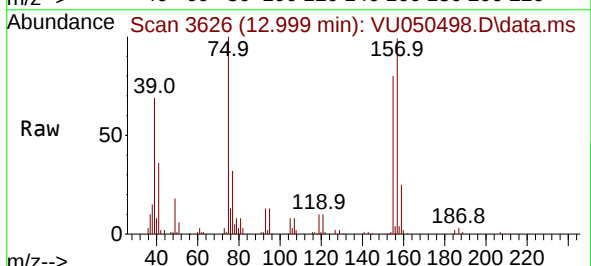
Tgt Ion: 75 Resp: 51824

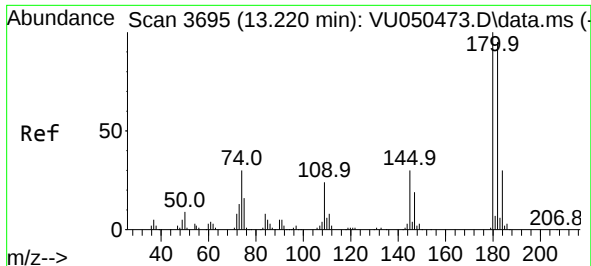
Ion Ratio Lower Upper

75 100

155 80.2 63.1 94.7

157 103.2 84.2 126.2



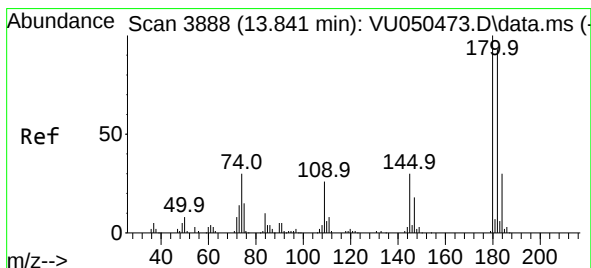
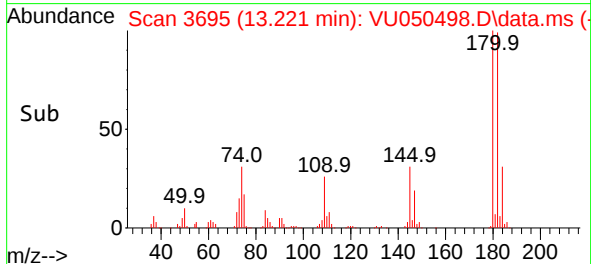
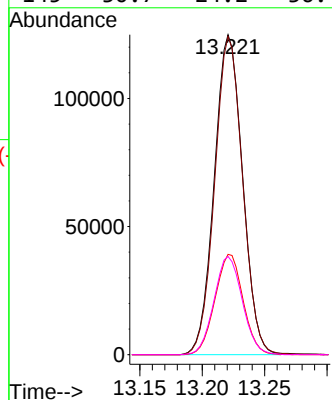
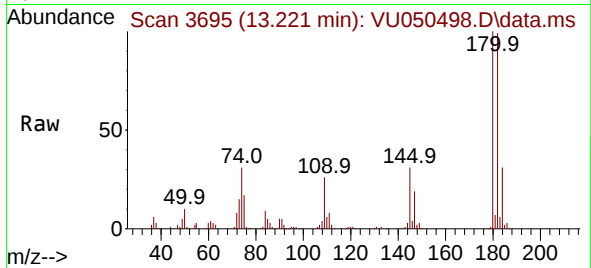


#69
 1,3,5-Trichlorobenzene
 Concen: 52.849 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

Instrument :
 MSVOA_U
 ClientSampleId :
 EY163MEMSD

Tgt Ion:180 Resp: 197378

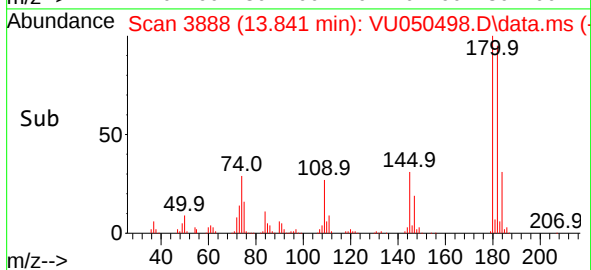
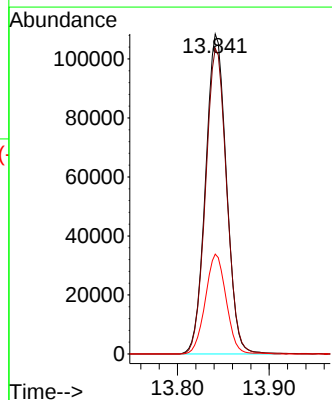
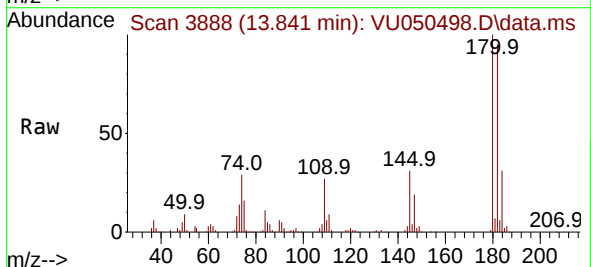
Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.0	115.6
184	31.0	24.1	36.1
145	30.7	24.2	36.4

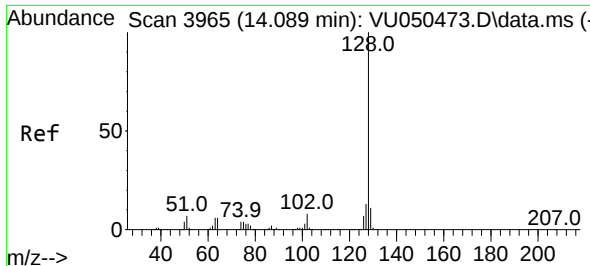


#70
 1,2,4-trichlorobenzene
 Concen: 57.287 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050498.D
 Acq: 29 Aug 2022 20:42

Tgt Ion:180 Resp: 171344

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.4	113.2
145	31.1	23.9	35.9

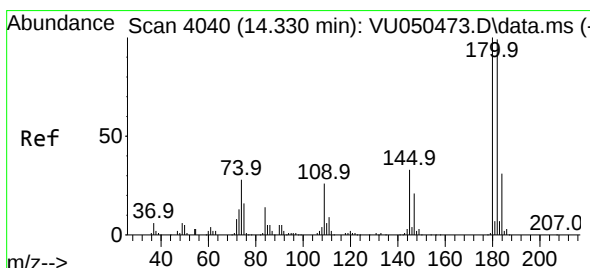
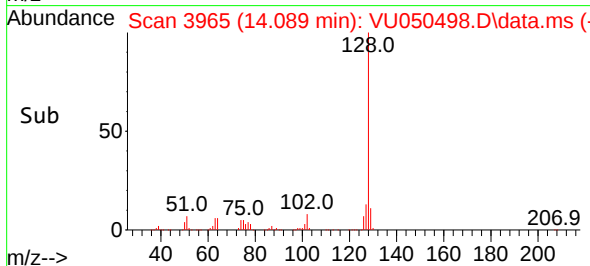
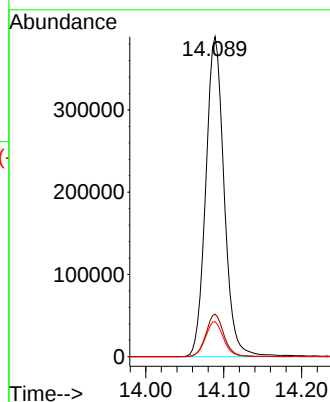
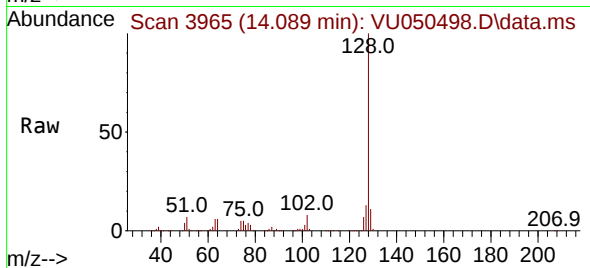




#71
Naphthalene
Concen: 64.866 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Instrument :
MSVOA_U
ClientSampleId :
EY163MEMSD

Tgt Ion:128 Resp: 636431
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 60.341 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050498.D
Acq: 29 Aug 2022 20:42

Tgt Ion:180 Resp: 197252
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 32.1 26.5 39.7

