

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048507.D
 Acq On : 11 May 2022 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	270314	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	264586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153117	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79289	34.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.120%
7) Chloroethane-d5	1.912	69	61814	40.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.360%
11) 1,1-Dichloroethene-d2	2.572	63	183530	44.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.600%
21) 2-Butanone-d5	4.626	46	174179	87.853	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.850%
24) Chloroform-d	5.063	84	204349	50.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	5.703	65	136622	51.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
32) Benzene-d6	5.729	84	354394	44.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
36) 1,2-Dichloropropane-d6	6.690	67	106610	40.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.320%
41) Toluene-d8	7.899	98	328762	46.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	8.179	79	60697	50.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.600%
47) 2-Hexanone-d5	8.632	63	127530	100.495	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175633	43.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	12.192	152	139995	46.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	130041	53.181	ug/L	100
3) Chloromethane	1.523	50	95806	34.254	ug/L	98
5) Vinyl chloride	1.604	62	102896	38.725	ug/L	96
6) Bromomethane	1.858	94	68709	52.290	ug/L	97
8) Chloroethane	1.935	64	62657	43.861	ug/L	99
9) Trichlorofluoromethane	2.141	101	193737	55.495	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	102191	51.010	ug/L	98
12) 1,1-Dichloroethene	2.584	96	92615	48.896	ug/L	86
13) Acetone	2.636	43	185820	124.317	ug/L	97
14) Carbon disulfide	2.797	76	262446	44.703	ug/L	100
15) Methyl Acetate	2.951	43	121442	39.660	ug/L	92
16) Methylene chloride	3.047	84	112181	48.431	ug/L	89
17) trans-1,2-Dichloroethene	3.356	96	99778	49.376	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	343257	50.439	ug/L	97
19) 1,1-Dichloroethane	3.871	63	193750	46.498	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	110030	48.251	ug/L	93
22) 2-Butanone	4.707	43	205636	92.033	ug/L	95
23) Bromochloromethane	4.977	128	61291	51.001	ug/L	86
25) Chloroform	5.089	83	215184	52.297	ug/L	98

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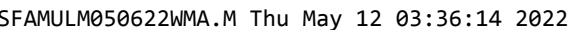
Instrument :
 MSVOA_U
 ClientSampleId :

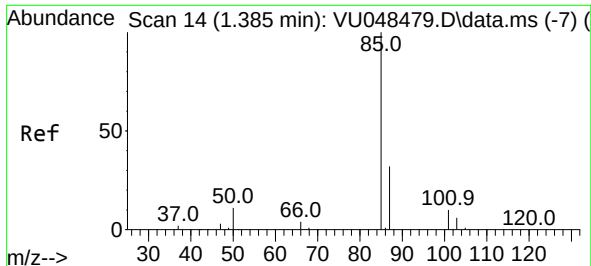
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 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	183219	54.159	ug/L	99
29) Cyclohexane	5.391	56	153610	42.072	ug/L	90
30) 1,1,1-Trichloroethane	5.317	97	206651	56.240	ug/L	98
31) Carbon tetrachloride	5.526	117	186247	59.195	ug/L	100
33) Benzene	5.774	78	430359	47.240	ug/L	100
34) Trichloroethene	6.542	95	113001	50.462	ug/L	99
35) Methylcyclohexane	6.764	83	175300	49.064	ug/L	96
37) 1,2-Dichloropropane	6.790	63	109113	42.914	ug/L	98
38) Bromodichloromethane	7.105	83	164409	53.105	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	179615	49.665	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	340221	83.511	ug/L #	96
42) Toluene	7.970	91	468199	49.796	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	187493	53.348	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	112347	48.859	ug/L	97
46) Tetrachloroethene	8.552	164	92661	55.081	ug/L	99
48) 2-Hexanone	8.684	43	296712	87.637	ug/L	97
49) Dibromochloromethane	8.809	129	136284	55.190	ug/L	99
50) 1,2-Dibromoethane	8.925	107	124394	51.178	ug/L	98
51) Chlorobenzene	9.446	112	310636	52.434	ug/L	97
52) Ethylbenzene	9.571	91	509732	52.043	ug/L	98
53) m,p-Xylene	9.693	106	204009	53.962	ug/L	98
54) o-Xylene	10.102	106	197297	51.872	ug/L	97
55) Styrene	10.115	104	345891	55.932	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	187371	43.478	ug/L #	99
59) Bromoform	10.292	173	107990	49.729	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	166362	41.623	ug/L	96
61) Isopropylbenzene	10.484	105	524204	48.857	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	293773	49.669	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	467788	53.107	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	256174	50.624	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	257379	50.731	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	256172	49.469	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	59287	50.609	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	197421	55.178	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	173254	55.760	ug/L	98
71) Naphthalene	14.086	128	586285	48.998	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	179428	54.295	ug/L	99

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

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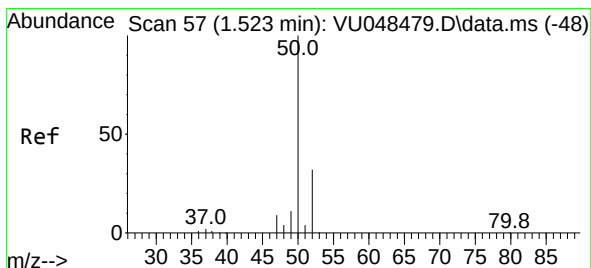
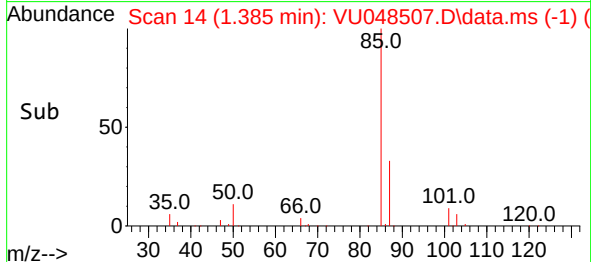
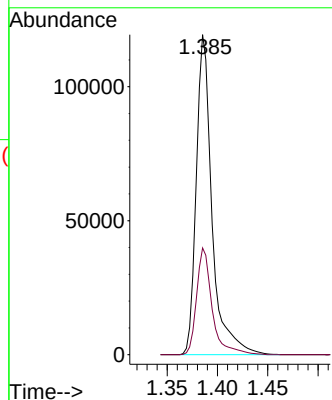
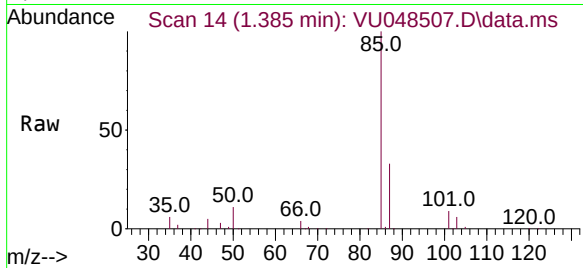




#2
 Dichlorodifluoromethane
 Concen: 53.181 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

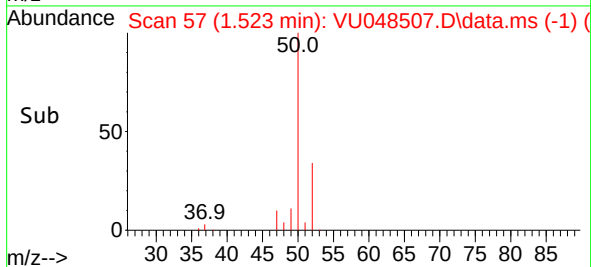
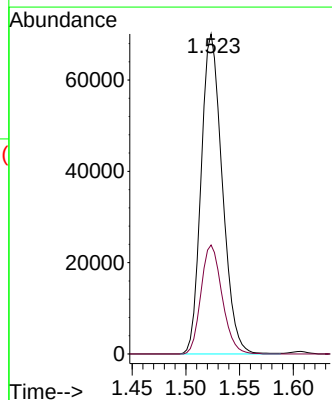
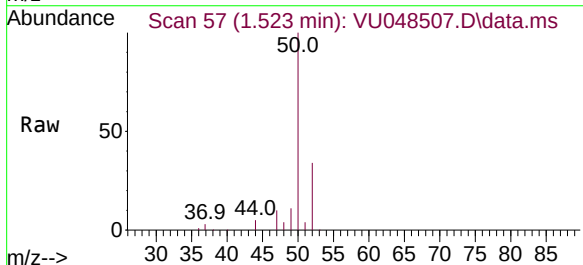
Instrument :
 MSVOA_U
 ClientSampleId :

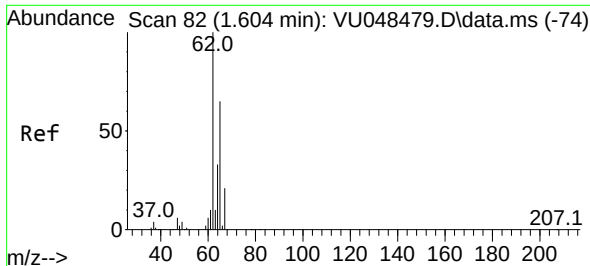
Tgt Ion: 85 Resp: 130041
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.4



#3
 Chloromethane
 Concen: 34.254 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

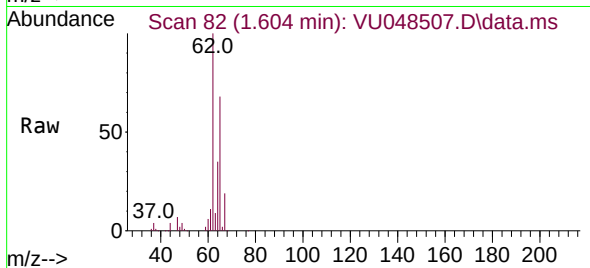
Tgt Ion: 50 Resp: 95806
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.0 42.8



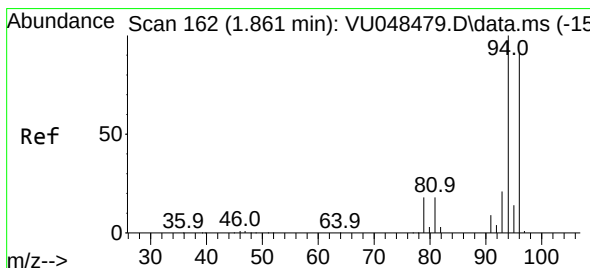
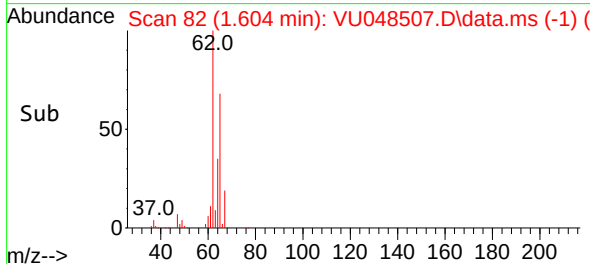
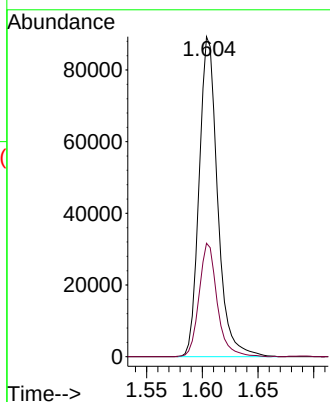


#5
 Vinyl chloride
 Concen: 38.725 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

Instrument :
 MSVOA_U
 ClientSampleId :

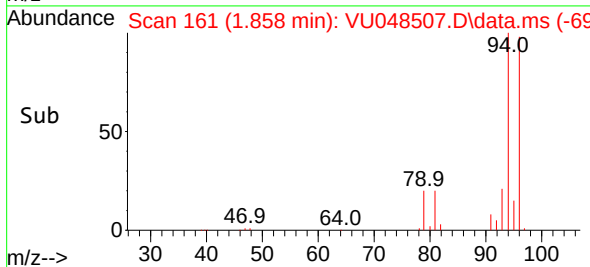
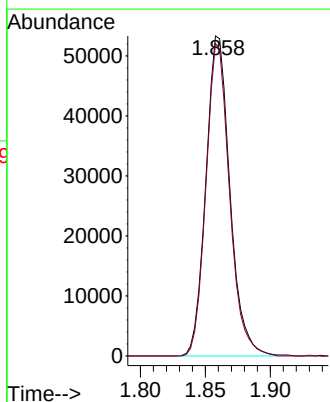
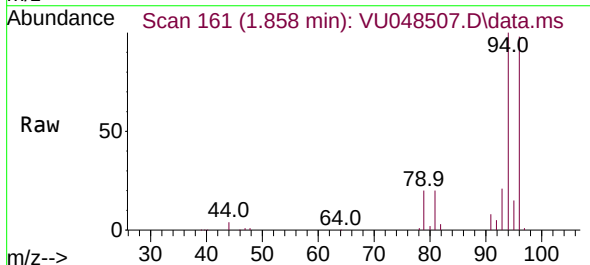


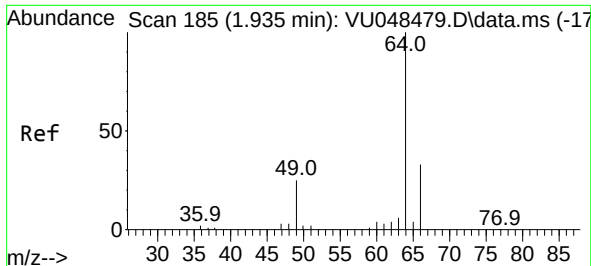
Tgt Ion: 62 Resp: 102896
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.2 43.0



#6
 Bromomethane
 Concen: 52.290 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

Tgt Ion: 94 Resp: 68709
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.5 123.5

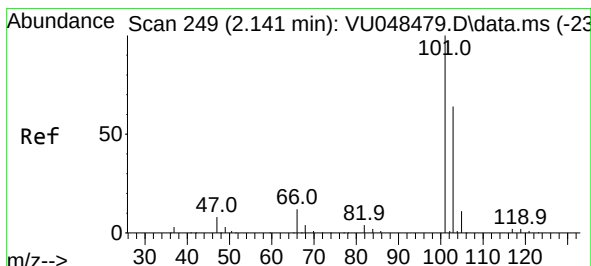
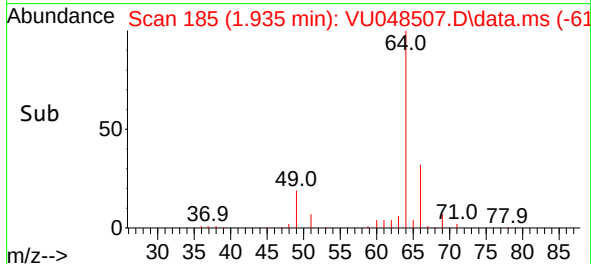
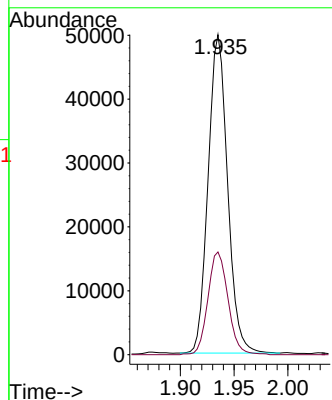
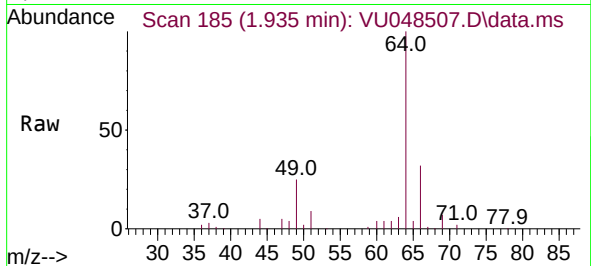




#8
Chloroethane
Concen: 43.861 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

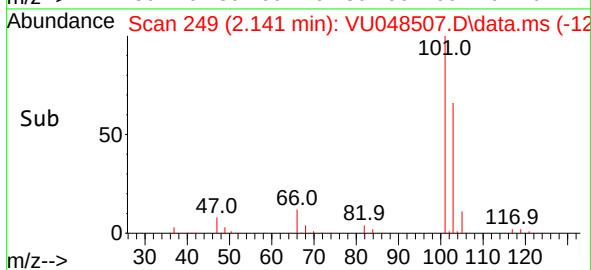
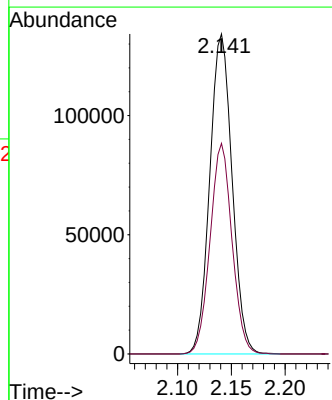
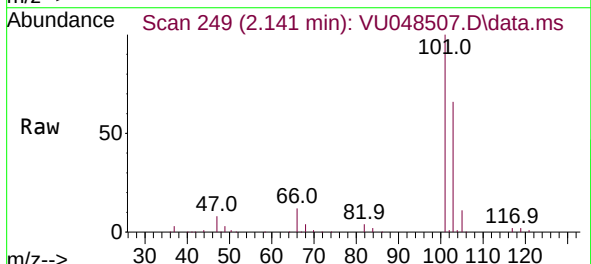
Instrument :
MSVOA_U
ClientSampleId :

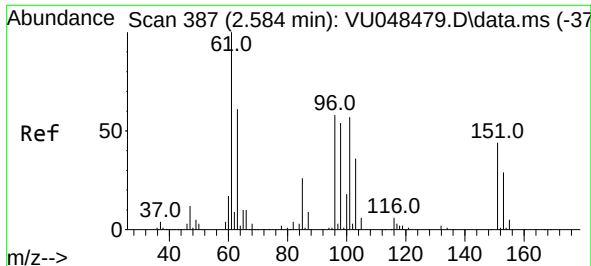
Tgt Ion: 64 Resp: 62657
Ion Ratio Lower Upper
64 100
66 32.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 55.495 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion:101 Resp: 193737
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

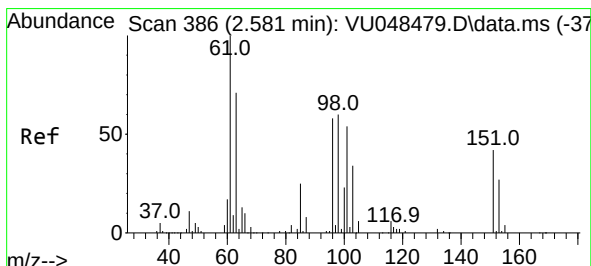
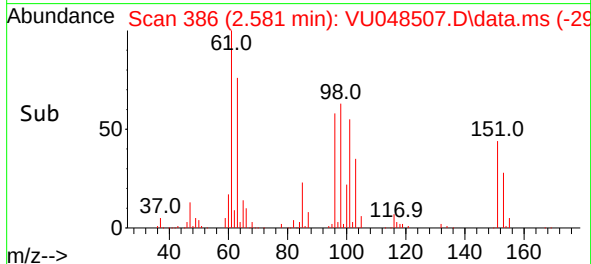
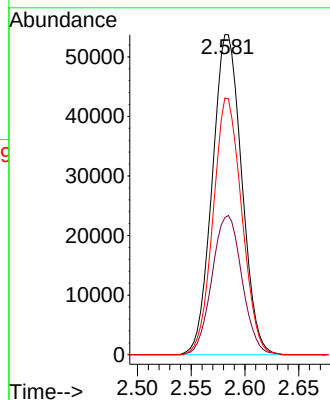
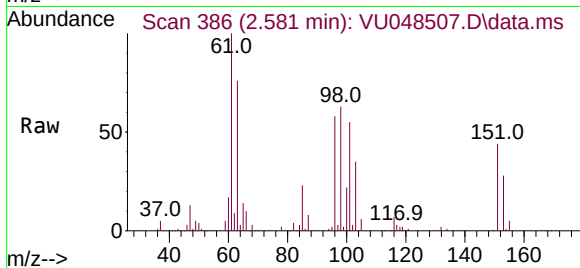




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.010 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

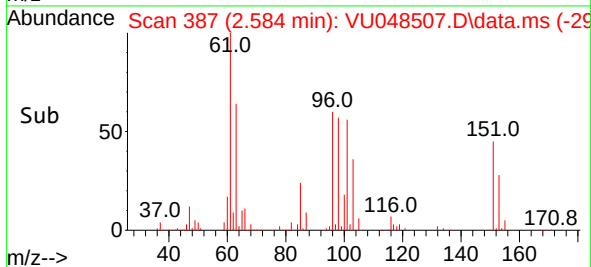
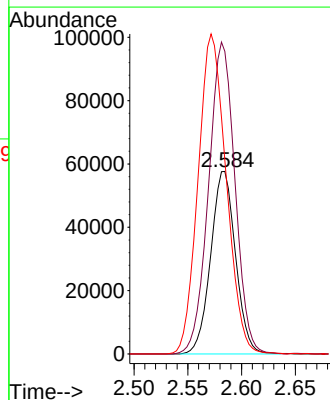
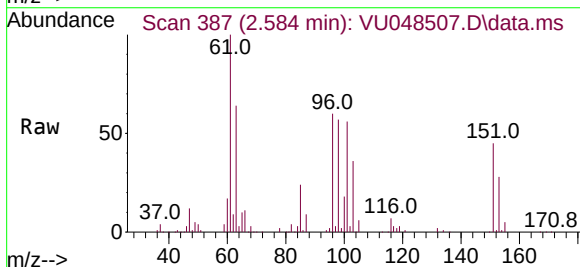
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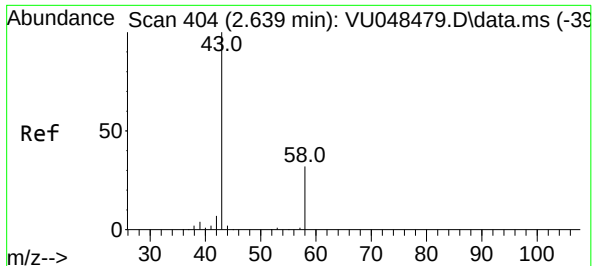
Tgt Ion:101 Resp: 102191
Ion Ratio Lower Upper
101 100
85 44.4 34.8 52.2
151 78.1 60.7 91.1



#12
1,1-Dichloroethene
Concen: 48.896 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion: 96 Resp: 92615
Ion Ratio Lower Upper
96 100
61 165.8 124.5 231.3
63 106.1 92.5 171.9





#13

Acetone

Concen: 124.317 ug/L

RT: 2.636 min Scan# 404

Delta R.T. -0.003 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

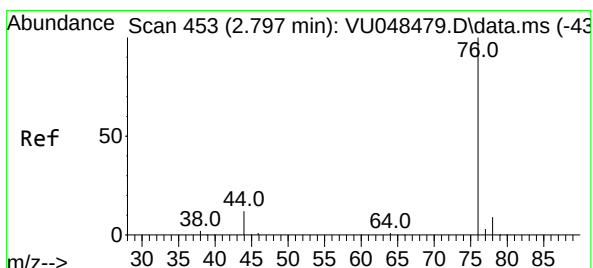
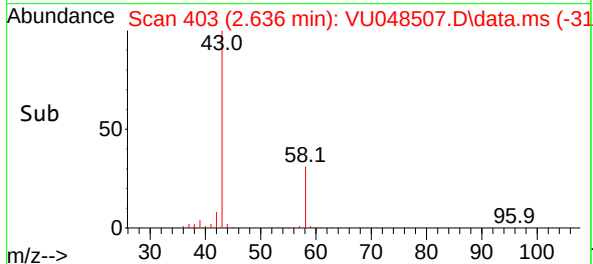
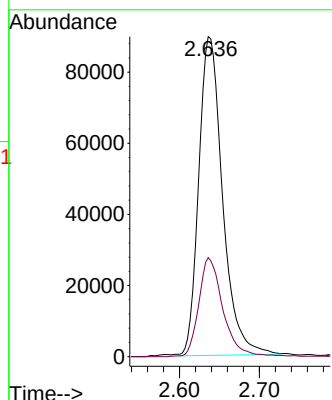
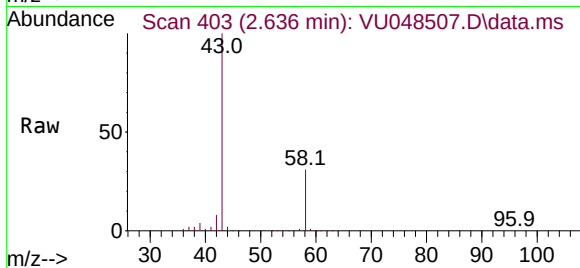
ClientSampleId :

Tgt Ion: 43 Resp: 185820

Ion Ratio Lower Upper

43 100

58 31.4 0.0 66.2



#14

Carbon disulfide

Concen: 44.703 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048507.D

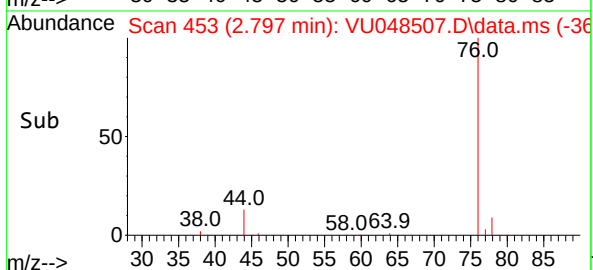
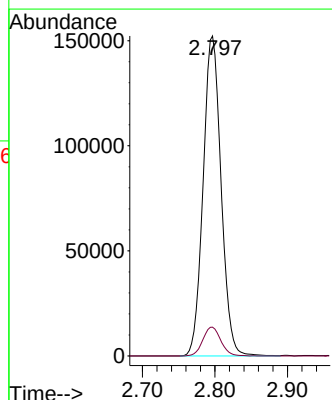
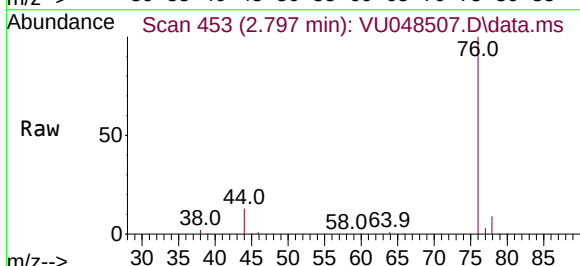
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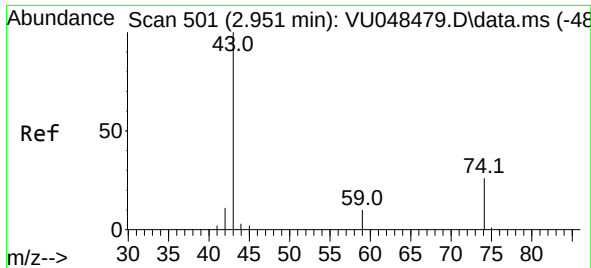
Tgt Ion: 76 Resp: 262446

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

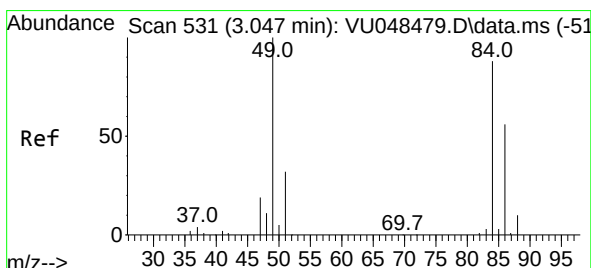
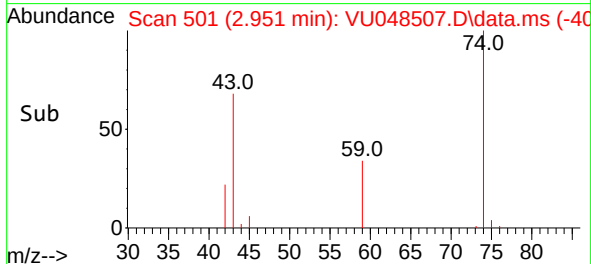
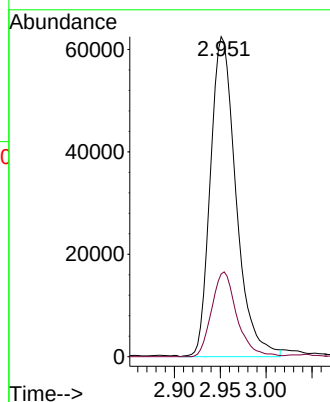
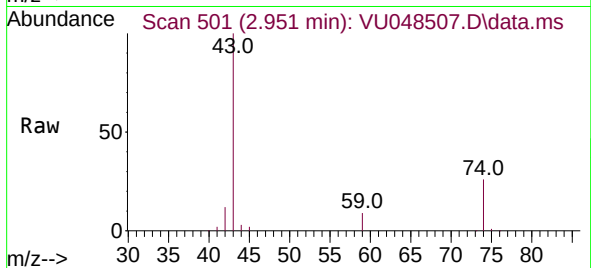




#15
Methyl Acetate
Concen: 39.660 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

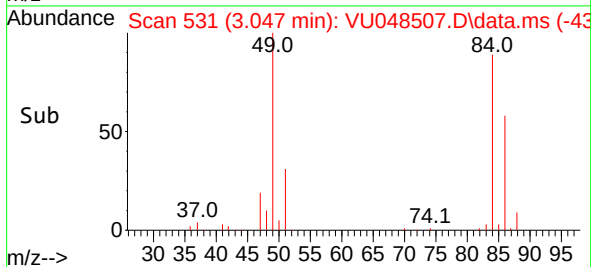
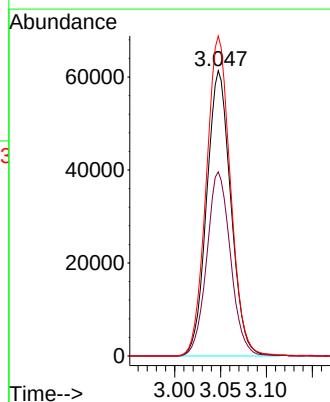
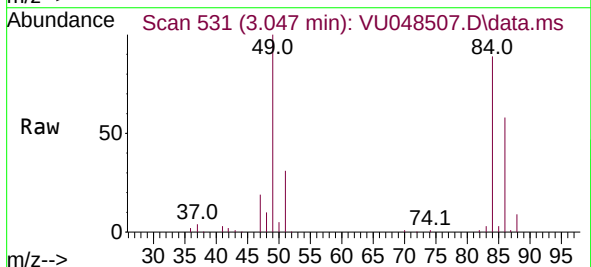
Instrument :
MSVOA_U
ClientSampleId :

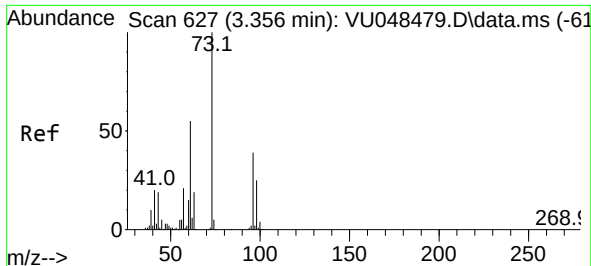
Tgt Ion: 43 Resp: 121442
Ion Ratio Lower Upper
43 100
74 26.0 17.6 26.4



#16
Methylene chloride
Concen: 48.431 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

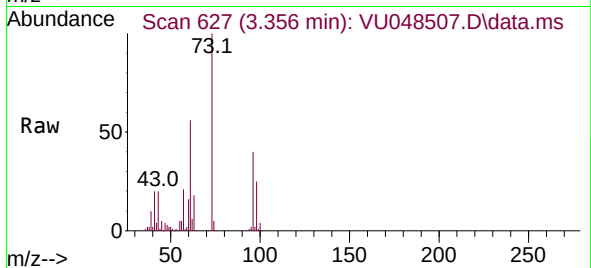
Tgt Ion: 84 Resp: 112181
Ion Ratio Lower Upper
84 100
86 64.5 44.8 83.2
49 112.1 92.0 170.8



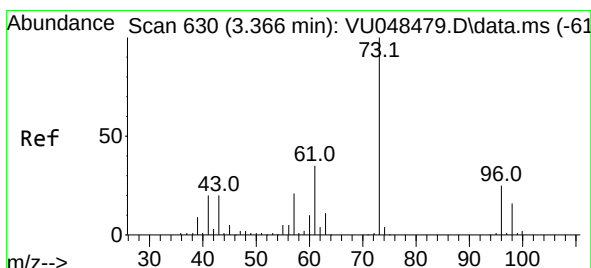
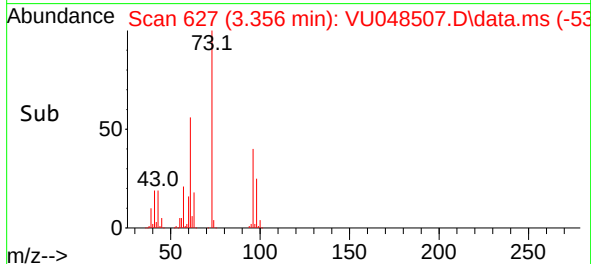
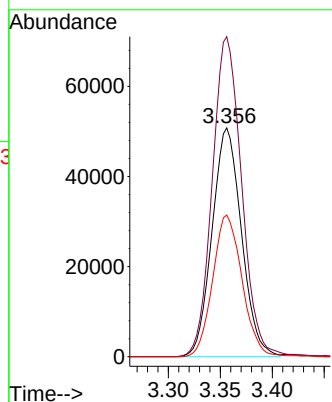


#17
trans-1,2-Dichloroethene
Concen: 49.376 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :

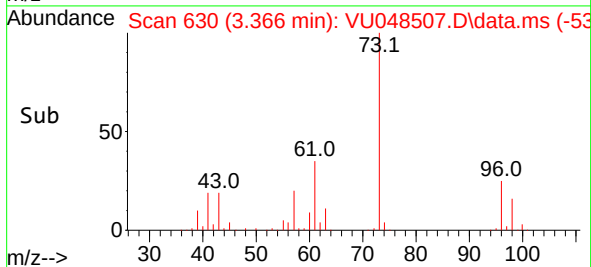
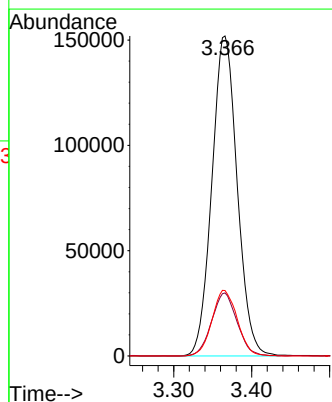
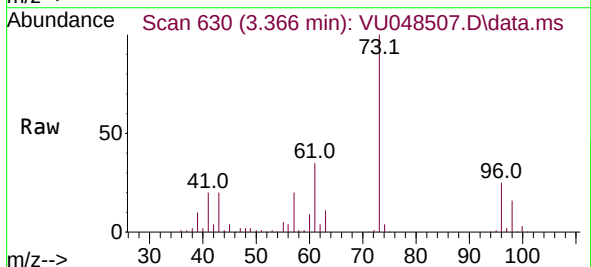


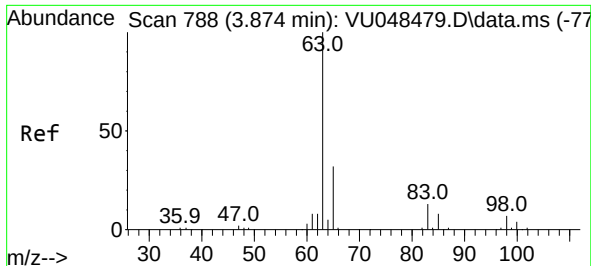
Tgt Ion: 96 Resp: 99778
Ion Ratio Lower Upper
96 100
61 139.8 101.2 187.8
98 61.9 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 50.439 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion: 73 Resp: 343257
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 20.5 18.1 27.1

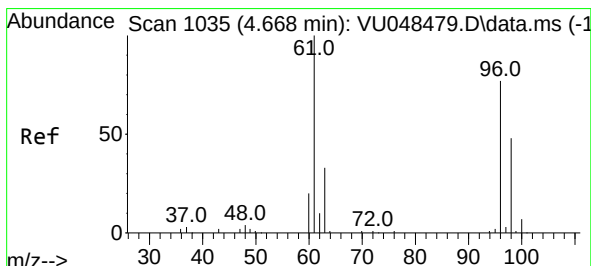
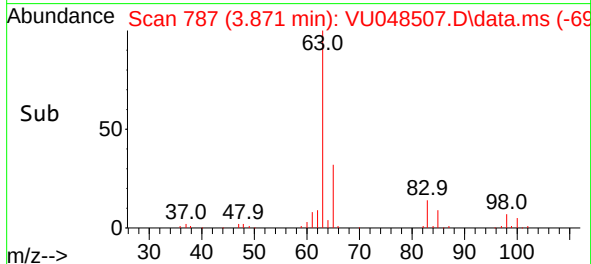
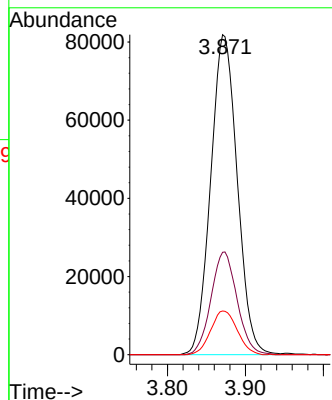
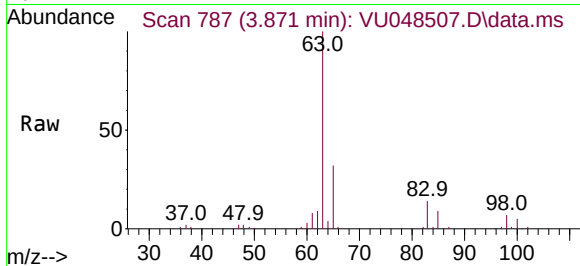




#19
 1,1-Dichloroethane
 Concen: 46.498 ug/L
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

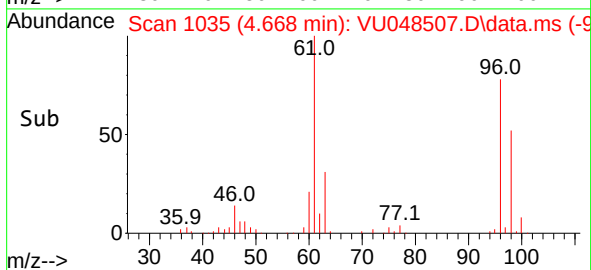
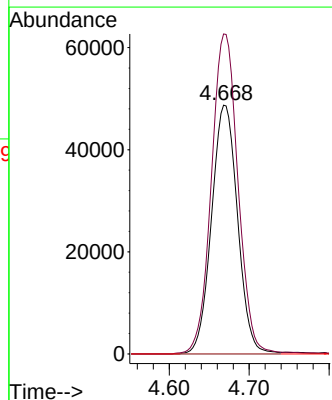
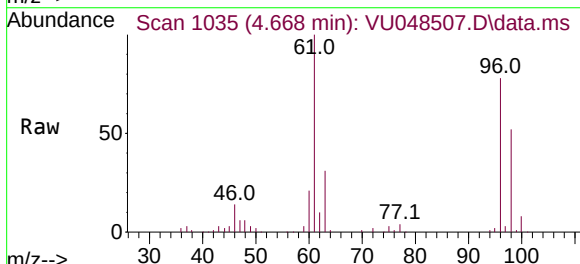
Instrument :
 MSVOA_U
 ClientSampleId :

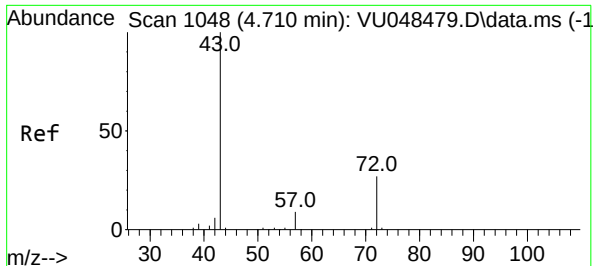
Tgt Ion: 63 Resp: 193750
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.0 41.0
 83 13.7 8.5 15.9



#20
 cis-1,2-Dichloroethene
 Concen: 48.251 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

Tgt Ion: 96 Resp: 110030
 Ion Ratio Lower Upper
 96 100
 61 128.6 96.2 178.8
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 92.033 ug/L

RT: 4.707 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

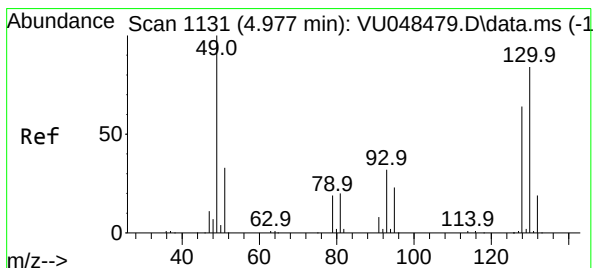
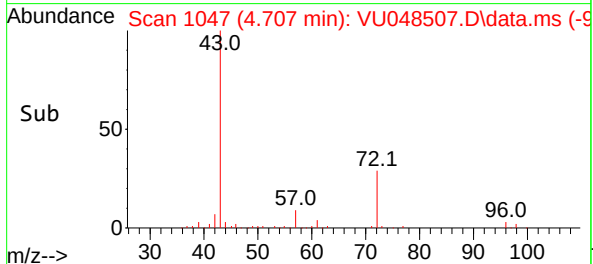
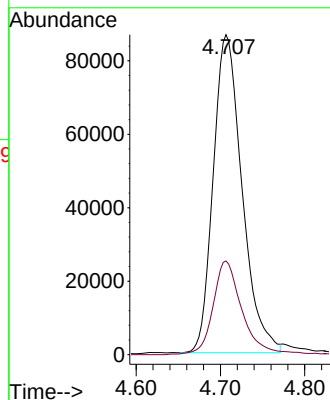
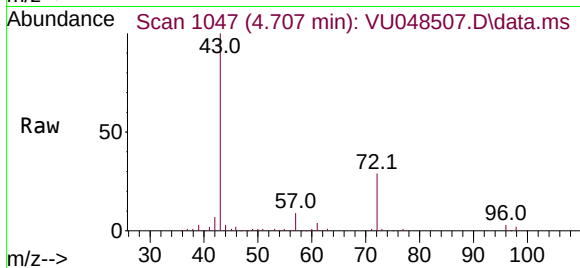
ClientSampleId :

Tgt Ion: 43 Resp: 205636

Ion Ratio Lower Upper

43 100

72 29.2 13.3 39.9



#23

Bromochloromethane

Concen: 51.001 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Tgt Ion: 128 Resp: 61291

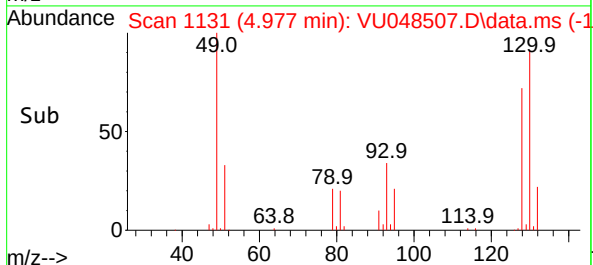
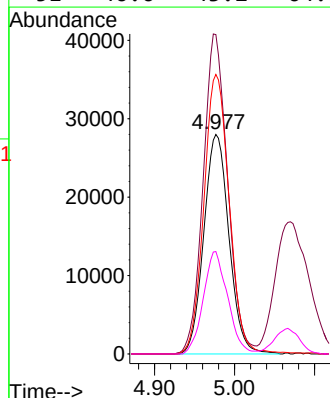
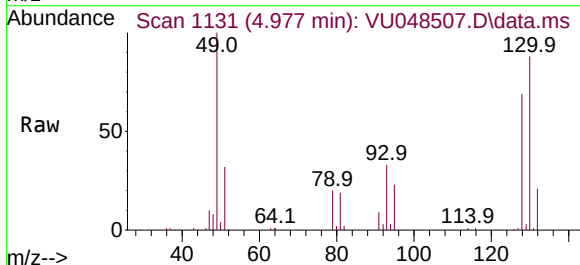
Ion Ratio Lower Upper

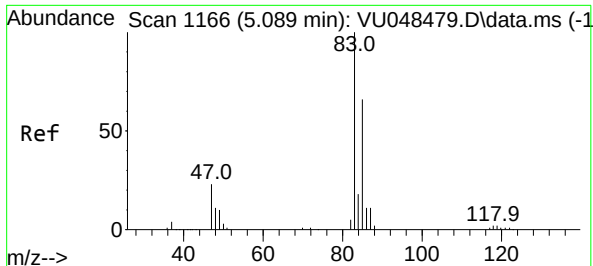
128 100

49 145.4 123.1 228.7

130 127.3 93.6 173.8

51 46.6 43.2 64.8





#25

Chloroform

Concen: 52.297 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

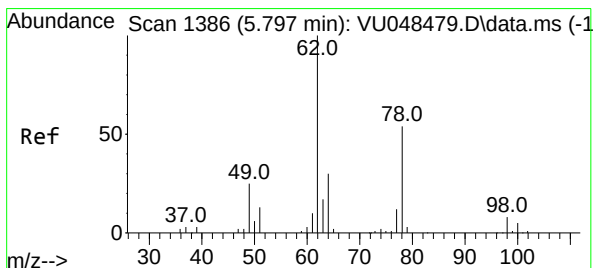
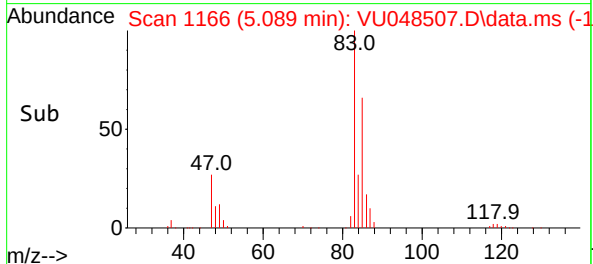
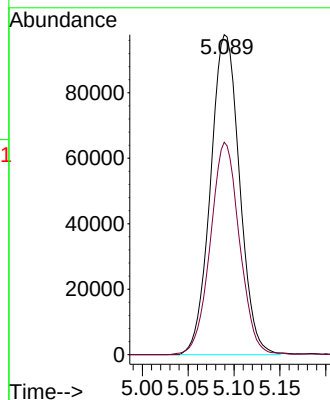
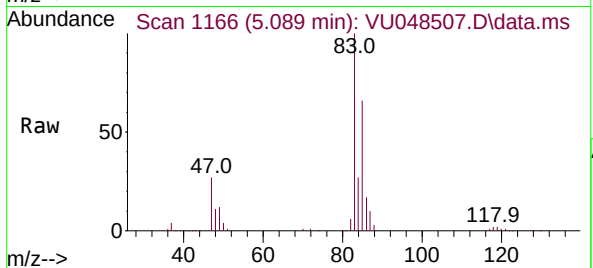
ClientSampleId :

Tgt Ion: 83 Resp: 215184

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 54.159 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048507.D

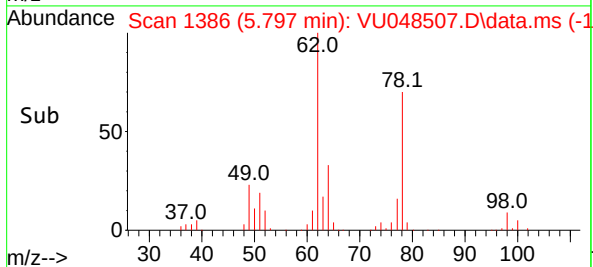
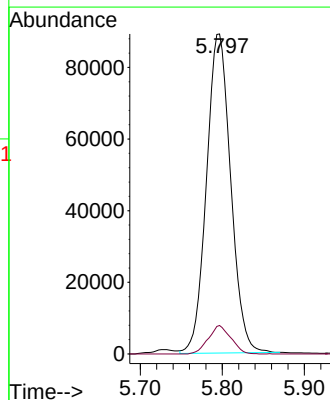
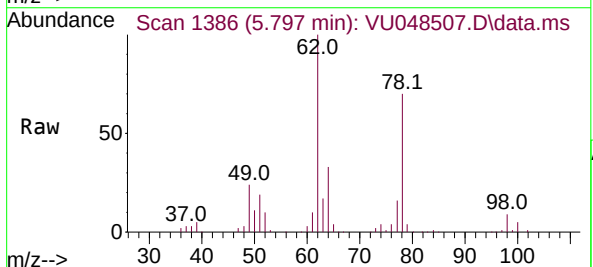
Acq: 11 May 2022 10:35

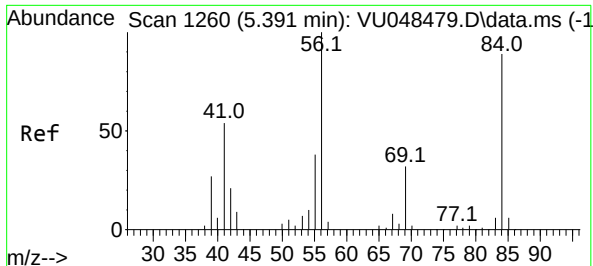
Tgt Ion: 62 Resp: 183219

Ion Ratio Lower Upper

62 100

98 8.9 6.8 10.2





#29

Cyclohexane

Concen: 42.072 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

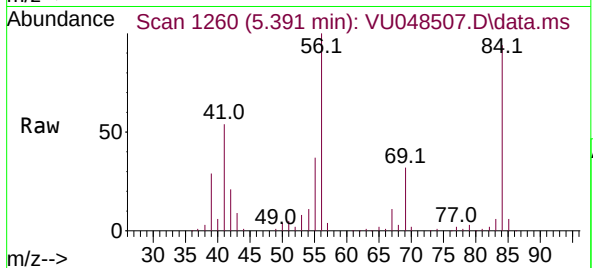
Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :



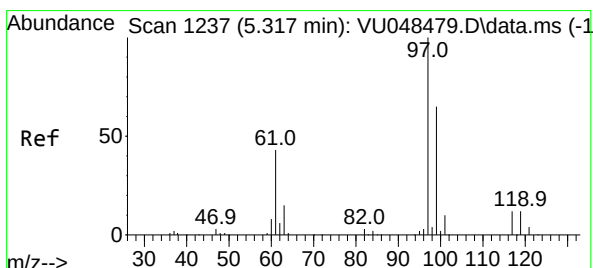
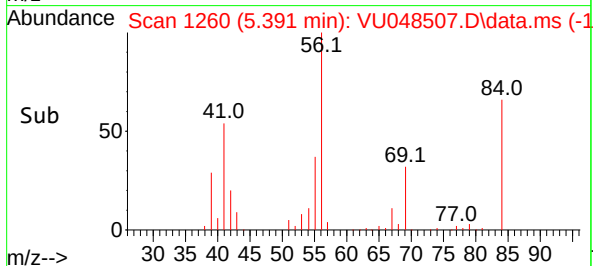
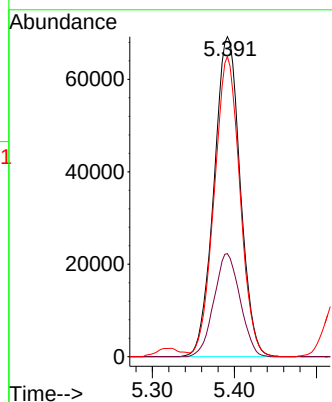
Tgt Ion: 56 Resp: 153610

Ion Ratio Lower Upper

56 100

69 32.1 23.4 35.0

84 92.0 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 56.240 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

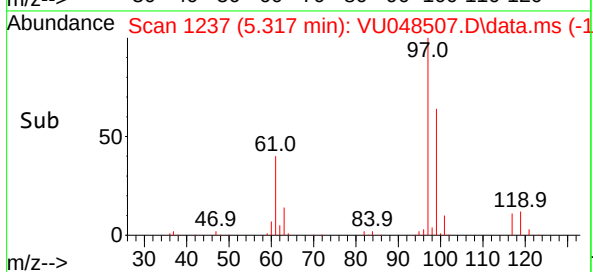
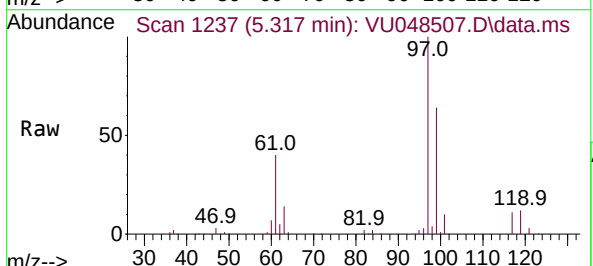
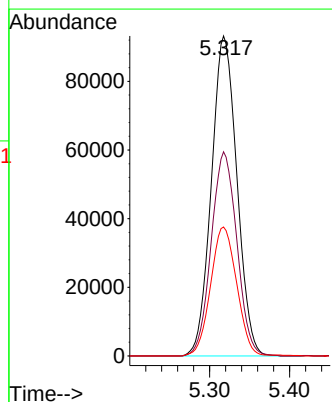
Tgt Ion: 97 Resp: 206651

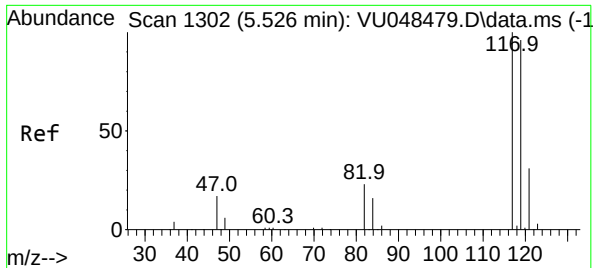
Ion Ratio Lower Upper

97 100

99 64.1 50.5 75.7

61 41.1 35.0 52.4

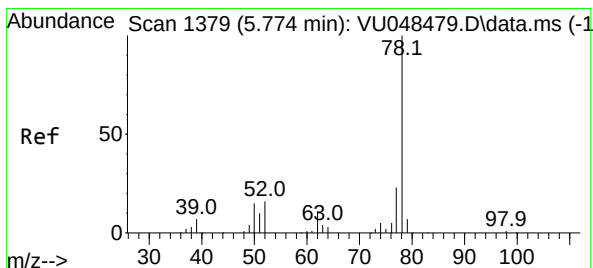
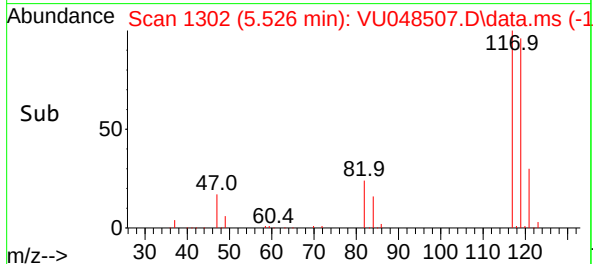
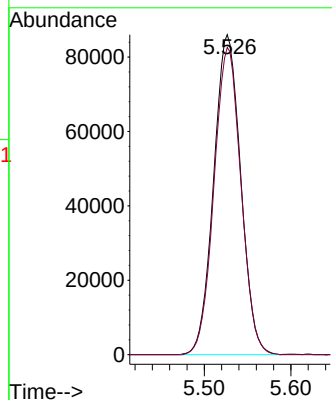
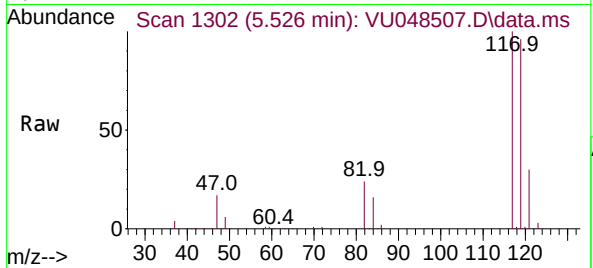




#31
Carbon tetrachloride
Concen: 59.195 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

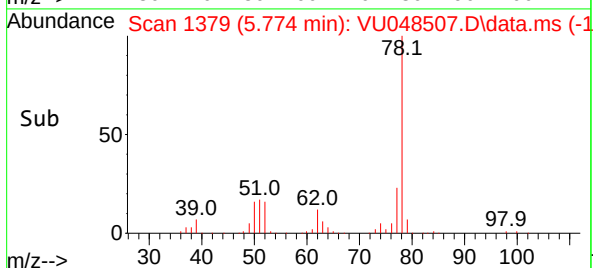
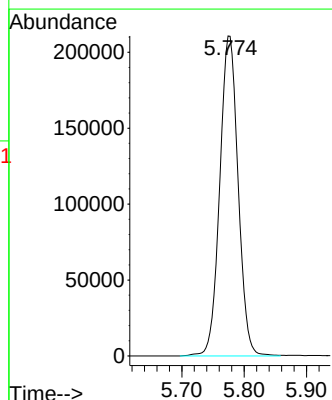
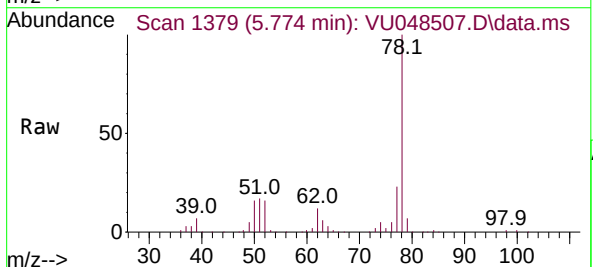
Instrument :
MSVOA_U
ClientSampleId :

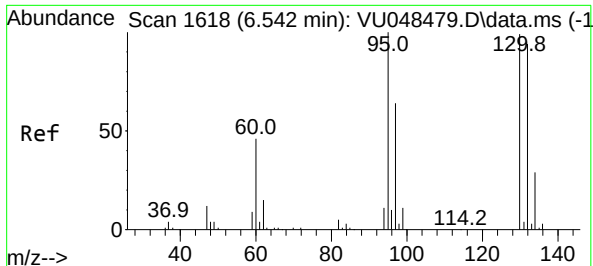
Tgt Ion:117 Resp: 186247
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7



#33
Benzene
Concen: 47.240 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

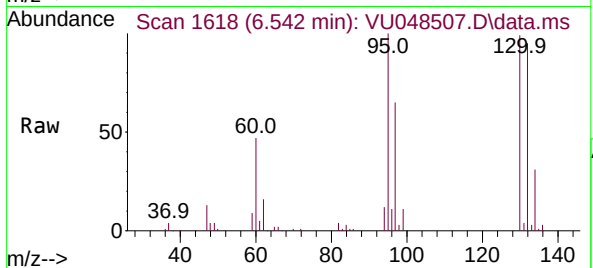
Tgt Ion: 78 Resp: 430359



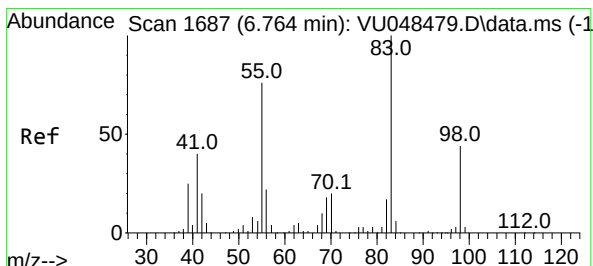
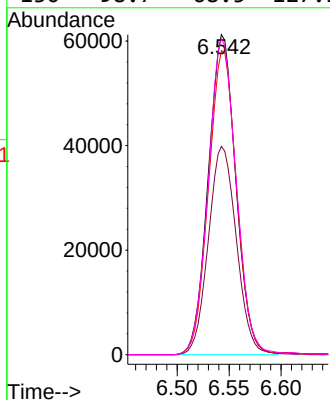
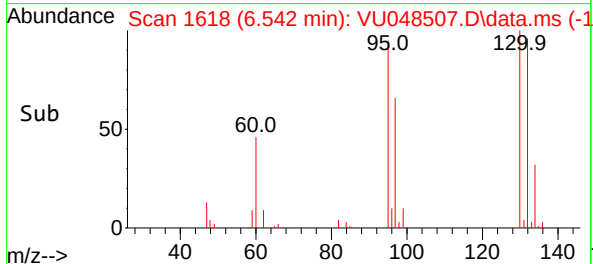


#34
Trichloroethene
Concen: 50.462 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

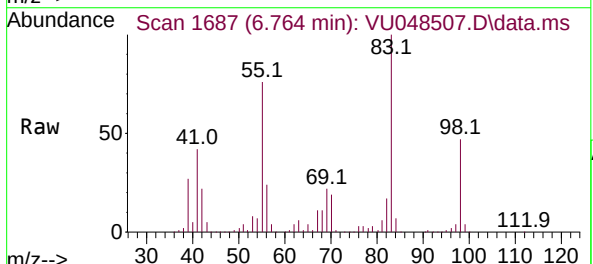
Instrument :
MSVOA_U
ClientSampleId :



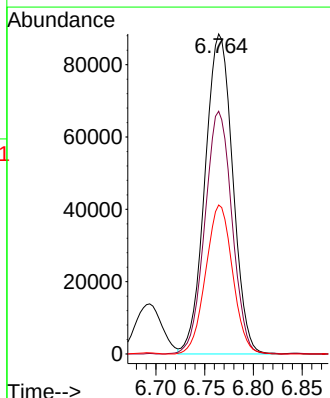
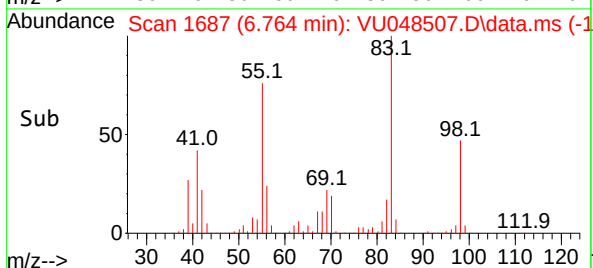
Tgt Ion: 95 Resp: 113001
Ion Ratio Lower Upper
95 100
97 65.1 46.6 86.6
132 95.0 67.3 124.9
130 98.7 68.5 127.1

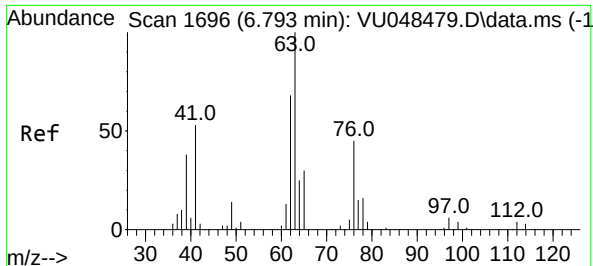


#35
Methylcyclohexane
Concen: 49.064 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35



Tgt Ion: 83 Resp: 175300
Ion Ratio Lower Upper
83 100
55 74.2 63.4 95.2
98 45.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 42.914 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

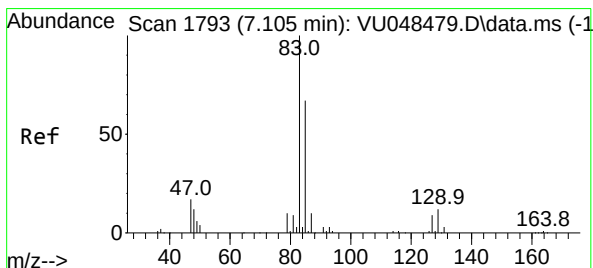
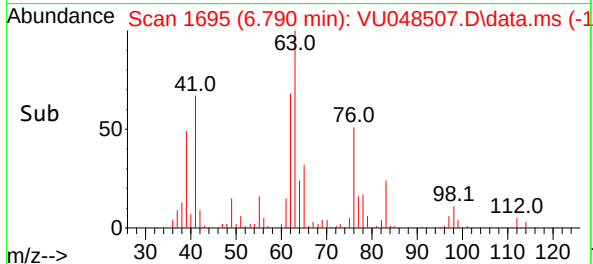
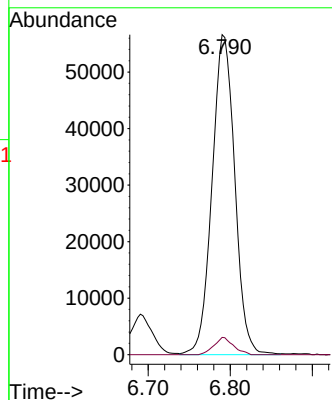
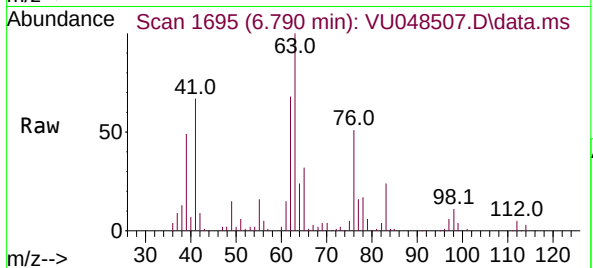
ClientSampleId :

Tgt Ion: 63 Resp: 109113

Ion Ratio Lower Upper

63 100

112 4.6 3.1 4.7



#38

Bromodichloromethane

Concen: 53.105 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

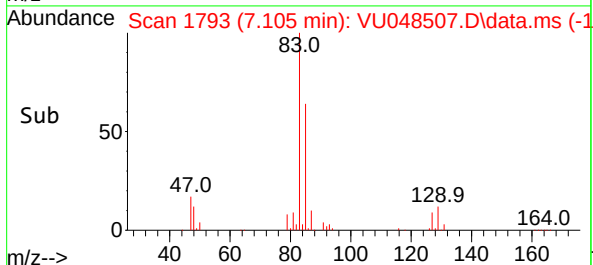
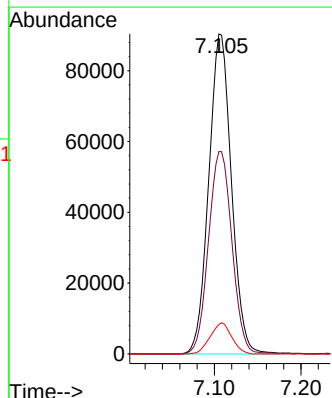
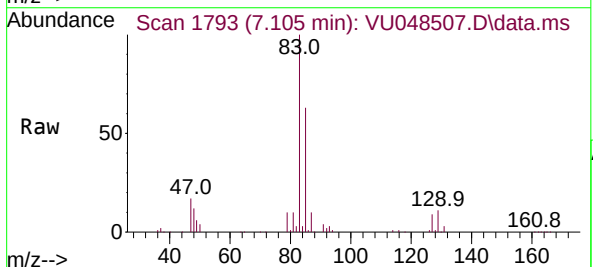
Tgt Ion: 83 Resp: 164409

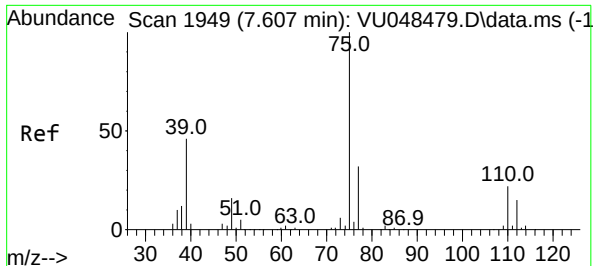
Ion Ratio Lower Upper

83 100

85 63.3 45.5 84.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.665 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

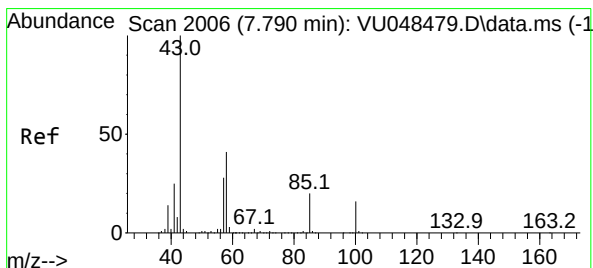
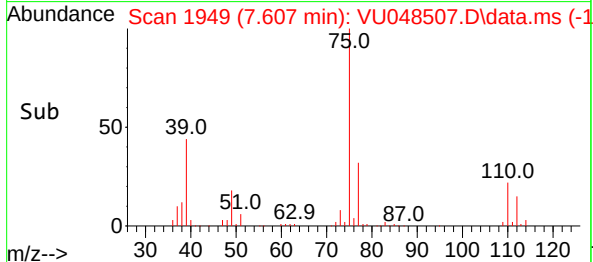
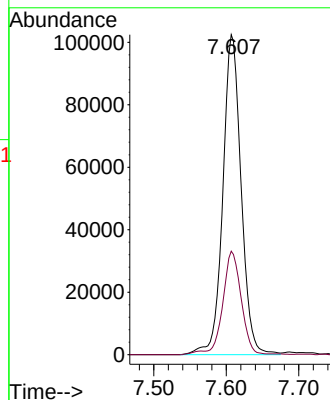
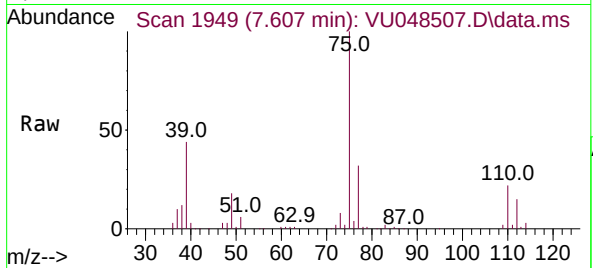
ClientSampleId :

Tgt Ion: 75 Resp: 179615

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 83.511 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

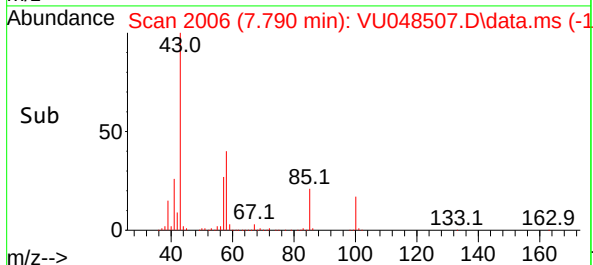
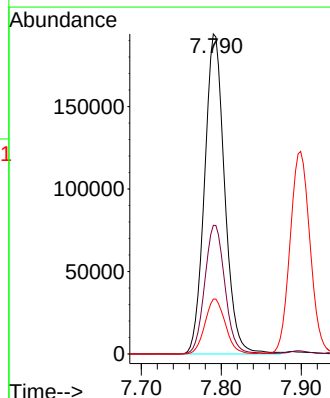
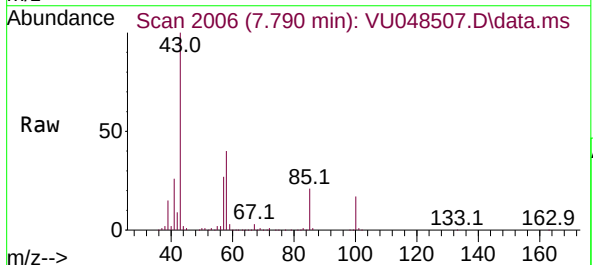
Tgt Ion: 43 Resp: 340221

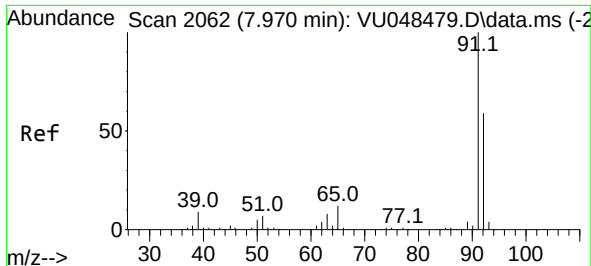
Ion Ratio Lower Upper

43 100

58 40.5 31.0 46.4

100 17.4 11.2 16.8#





#42

Toluene

Concen: 49.796 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

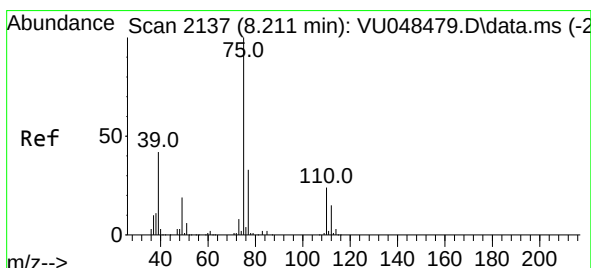
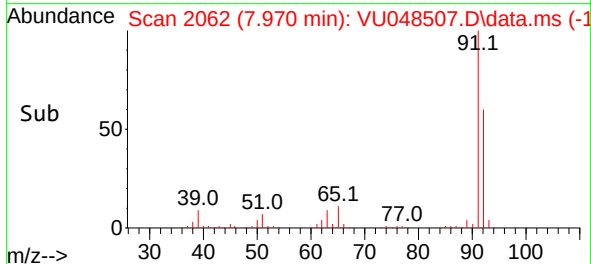
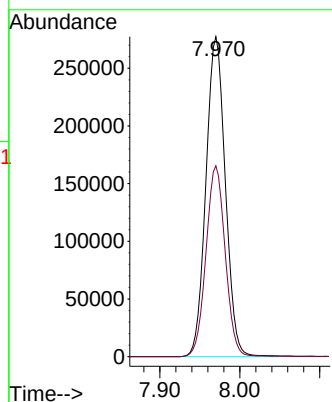
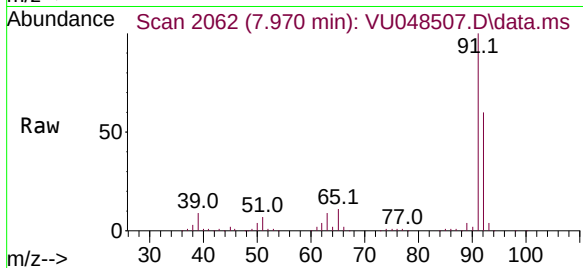
ClientSampleId :

Tgt Ion: 91 Resp: 468199

Ion Ratio Lower Upper

91 100

92 59.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 53.348 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048507.D

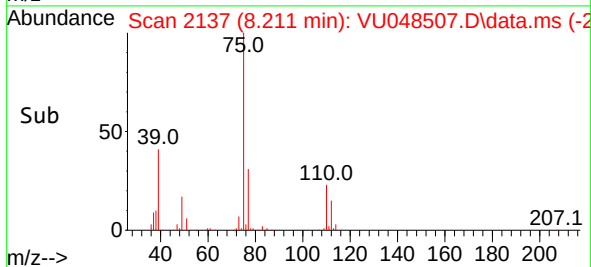
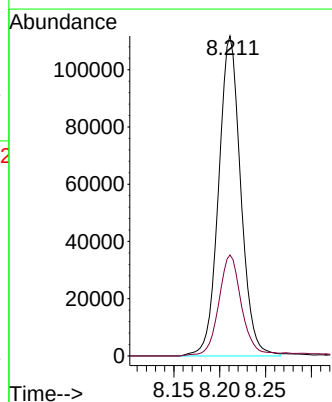
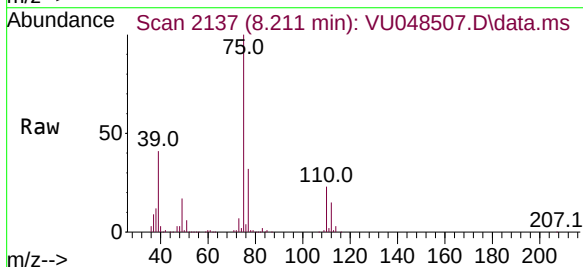
Acq: 11 May 2022 10:35

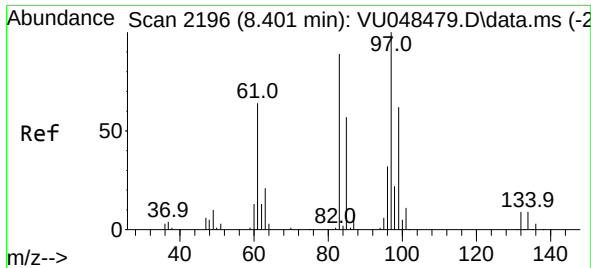
Tgt Ion: 75 Resp: 187493

Ion Ratio Lower Upper

75 100

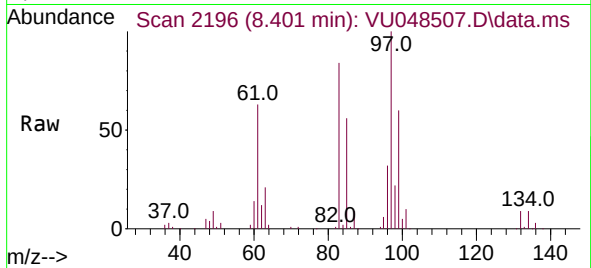
77 31.6 22.6 42.0



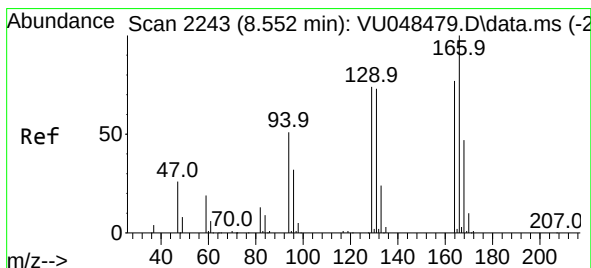
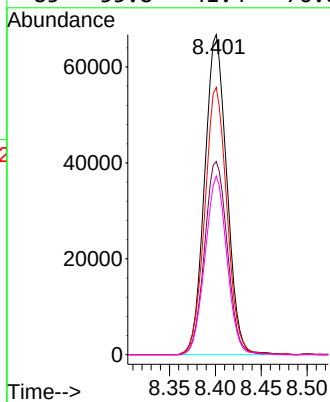
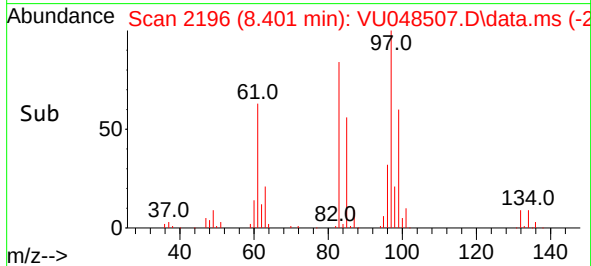


#45
1,1,2-Trichloroethane
Concen: 48.859 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

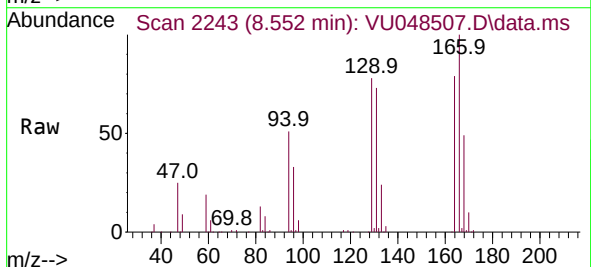
Instrument :
MSVOA_U
ClientSampleId :



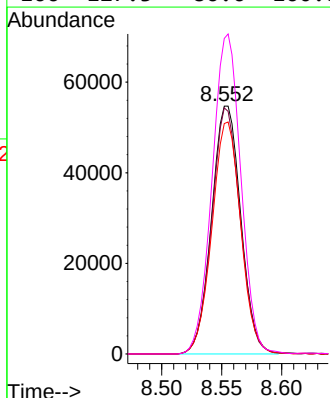
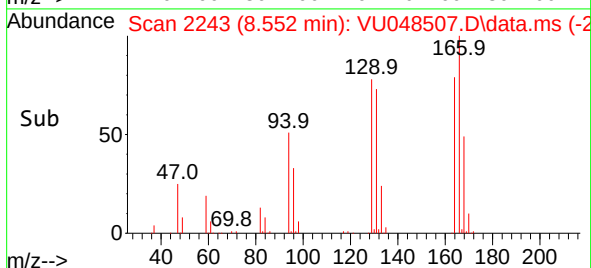
Tgt Ion:	97	Resp:	112347
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.5	80.9
83	83.5	60.5	112.5
85	55.8	41.4	76.8

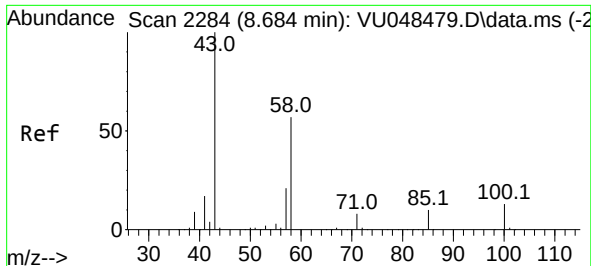


#46
Tetrachloroethene
Concen: 55.081 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35



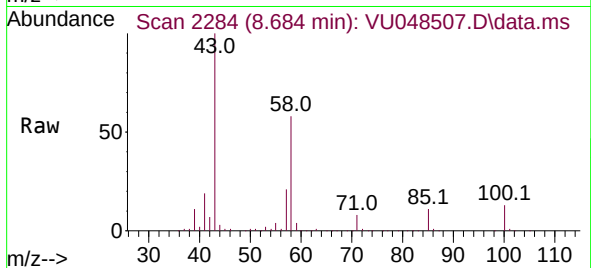
Tgt Ion:	164	Resp:	92661
Ion	Ratio	Lower	Upper
164	100		
129	99.3	69.2	128.6
131	93.0	65.2	121.0
166	127.3	86.6	160.8



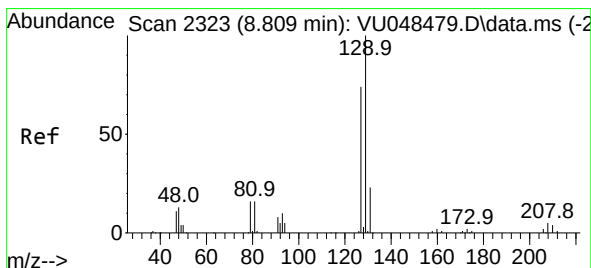
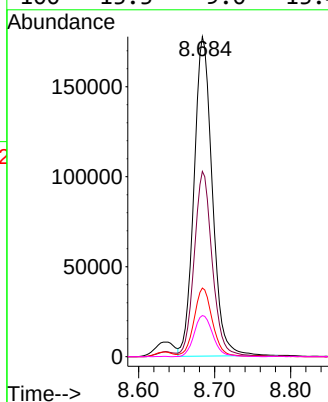
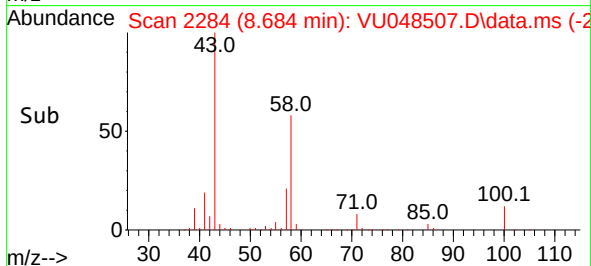


#48
2-Hexanone
Concen: 87.637 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :

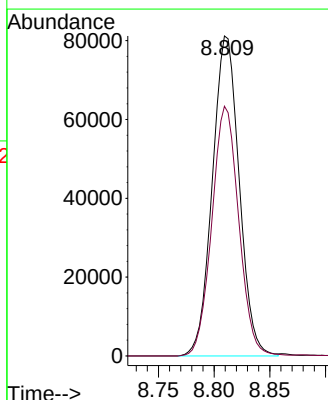
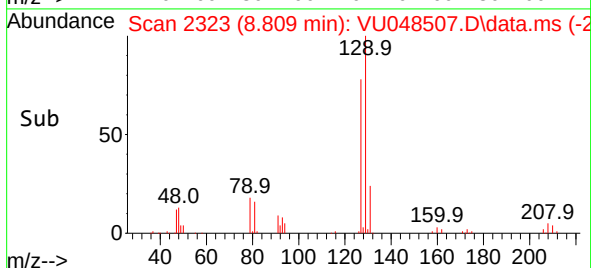
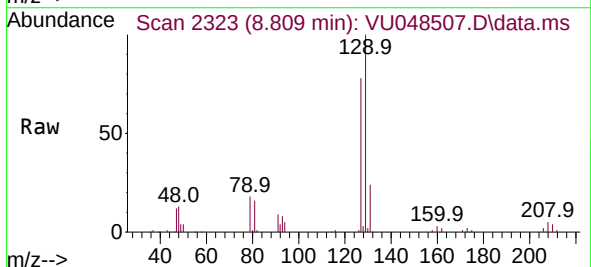


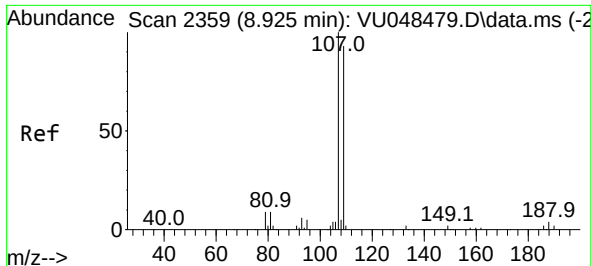
Tgt Ion: 43 Resp: 296712
Ion Ratio Lower Upper
43 100
58 56.6 44.3 66.5
57 21.4 15.7 23.5
100 13.3 9.0 13.4



#49
Dibromochloromethane
Concen: 55.190 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion:129 Resp: 136284
Ion Ratio Lower Upper
129 100
127 78.0 55.2 102.4

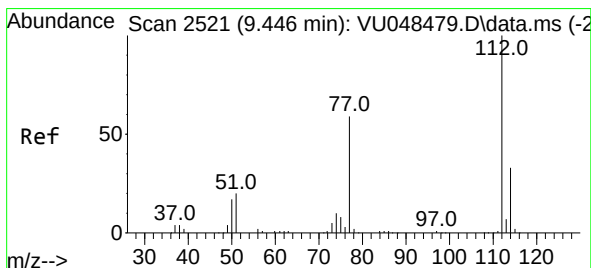
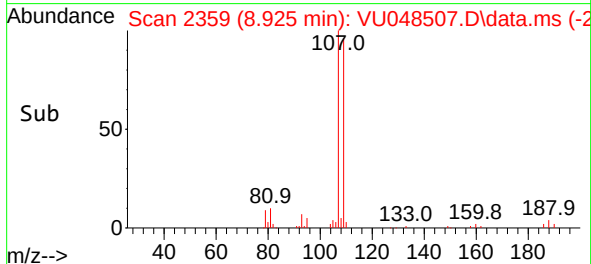
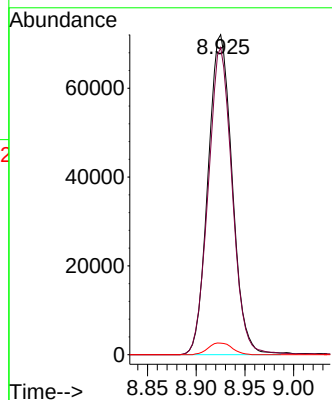
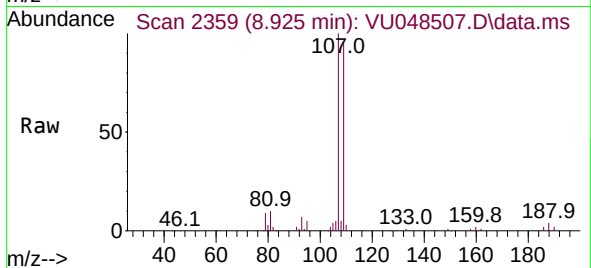




#50
1,2-Dibromoethane
Concen: 51.178 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

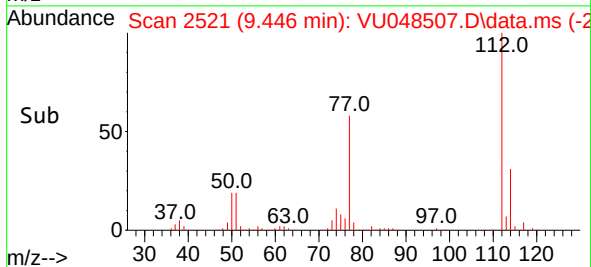
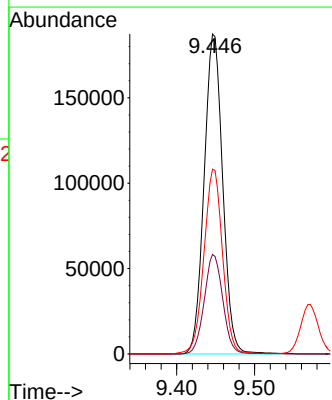
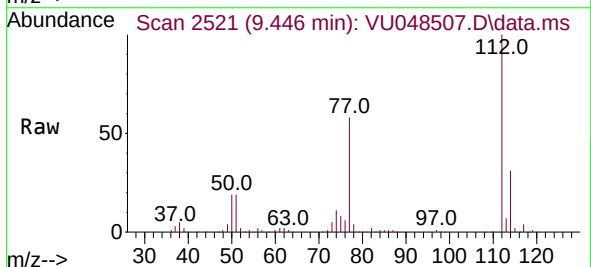
Instrument :
MSVOA_U
ClientSampleId :

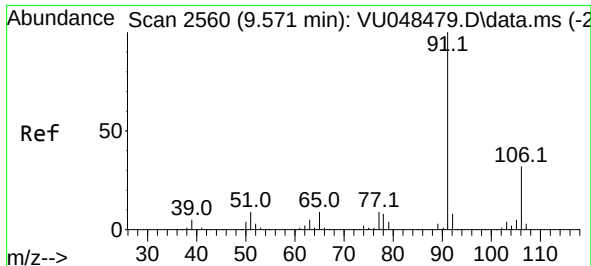
Tgt Ion:107 Resp: 124394
Ion Ratio Lower Upper
107 100
109 95.9 65.7 122.1
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 52.434 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion:112 Resp: 310636
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.6
77 57.7 48.4 72.6

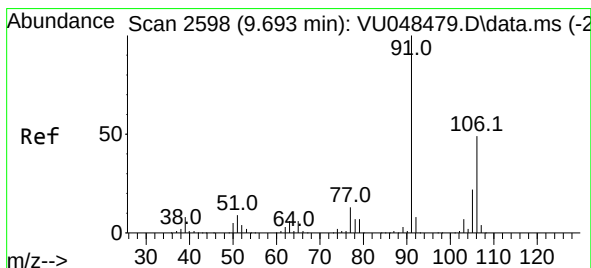
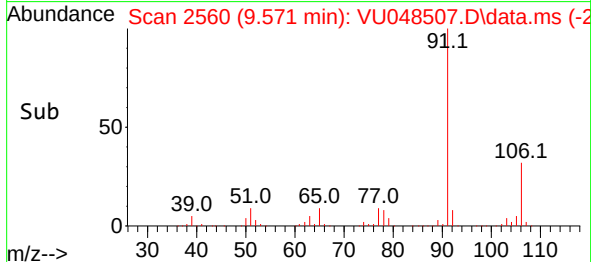
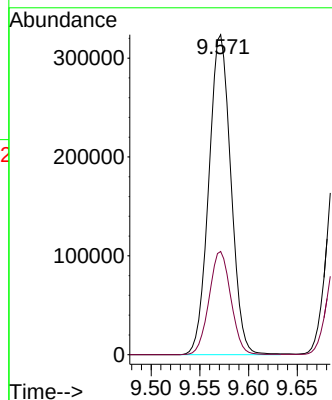
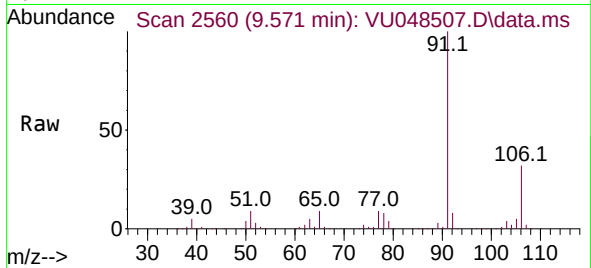




#52
Ethylbenzene
Concen: 52.043 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

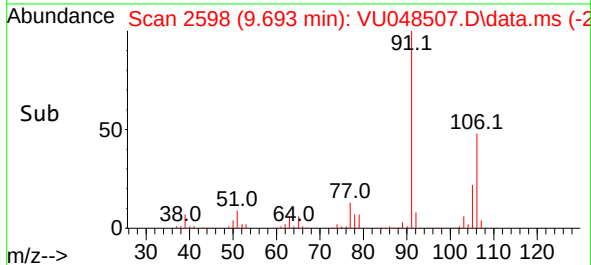
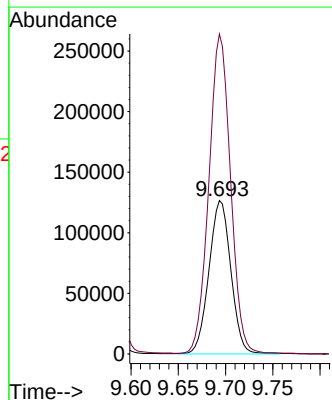
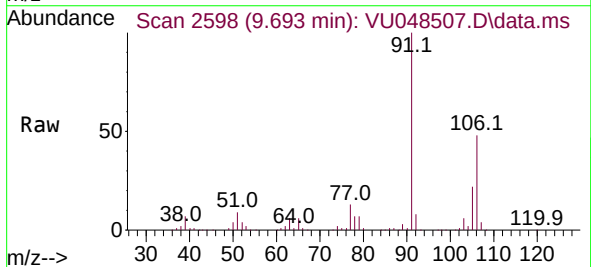
Instrument :
MSVOA_U
ClientSampleId :

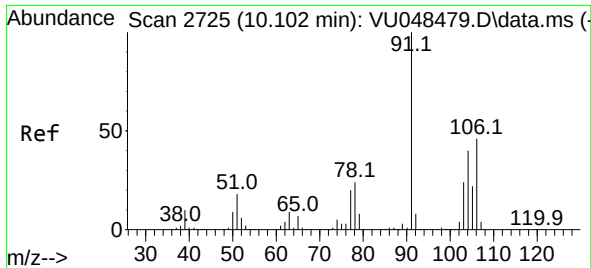
Tgt Ion: 91 Resp: 509732
Ion Ratio Lower Upper
91 100
106 32.3 21.7 40.3



#53
m,p-Xylene
Concen: 53.962 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion: 106 Resp: 204009
Ion Ratio Lower Upper
106 100
91 208.5 144.1 267.7

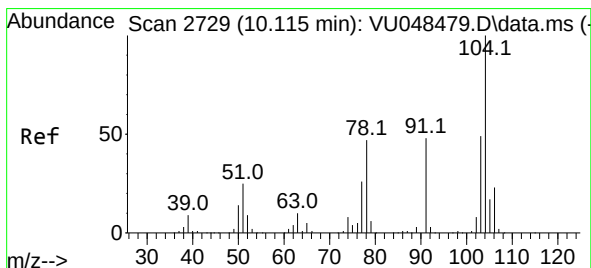
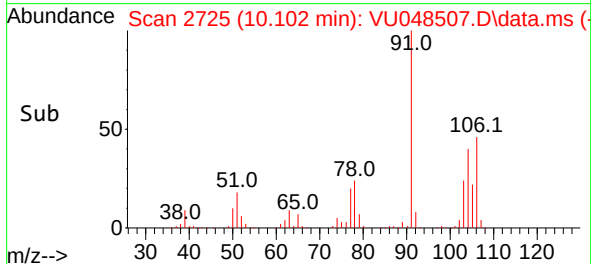
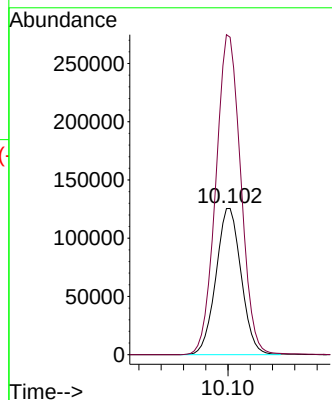
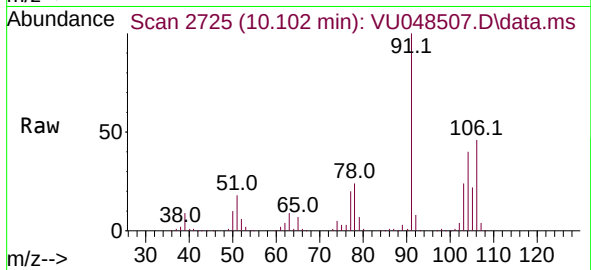




#54
o-Xylene
Concen: 51.872 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

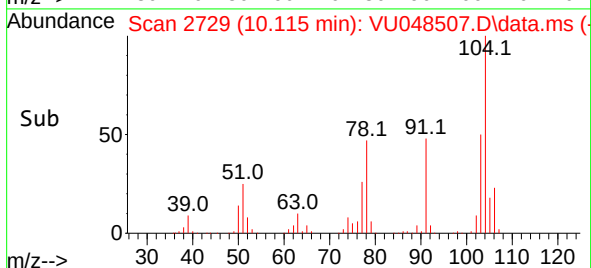
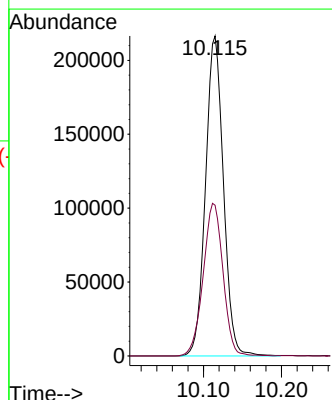
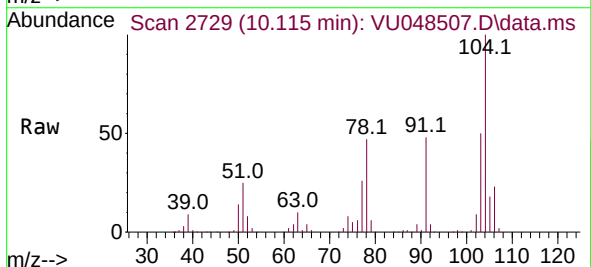
Instrument :
MSVOA_U
ClientSampleId :

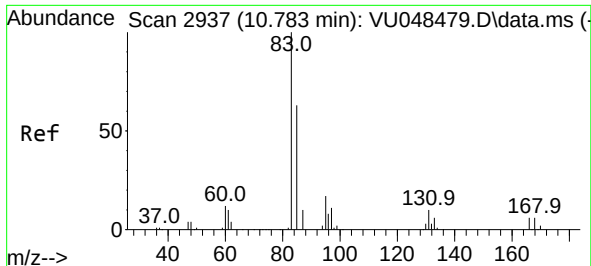
Tgt Ion:106 Resp: 197297
Ion Ratio Lower Upper
106 100
91 217.1 148.8 276.4



#55
Styrene
Concen: 55.932 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion:104 Resp: 345891
Ion Ratio Lower Upper
104 100
78 47.1 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 43.478 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

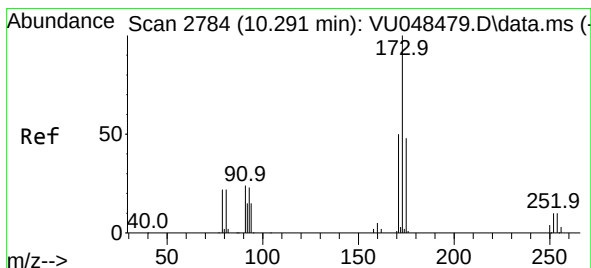
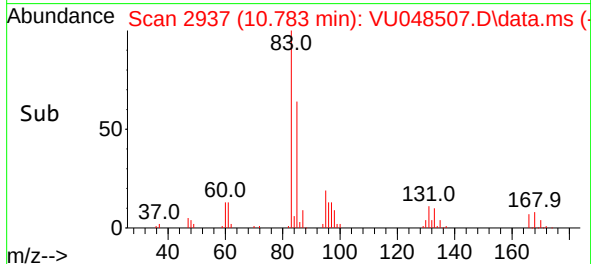
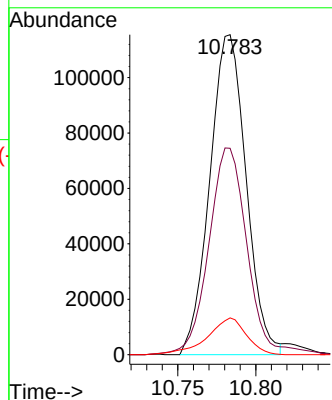
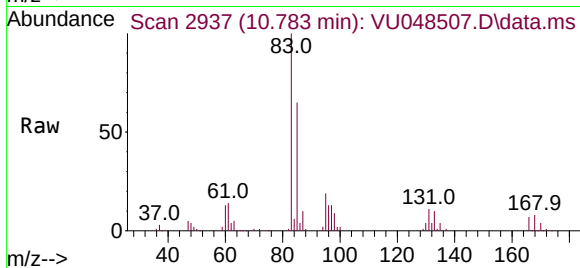
Tgt Ion: 83 Resp: 187371

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.4

131 11.5 7.4 11.0#



#59

Bromoform

Concen: 49.729 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

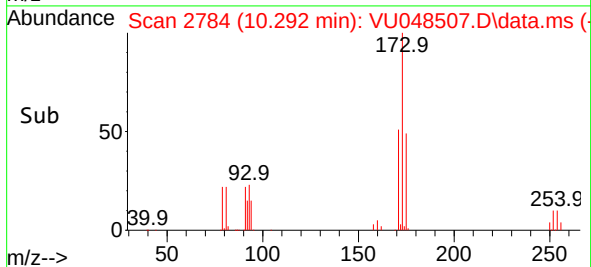
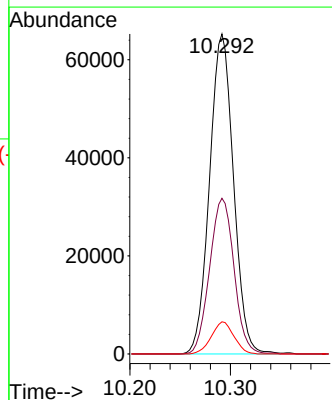
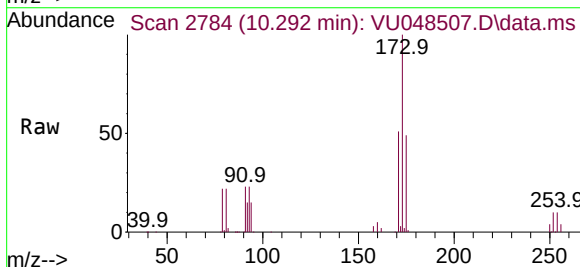
Tgt Ion:173 Resp: 107990

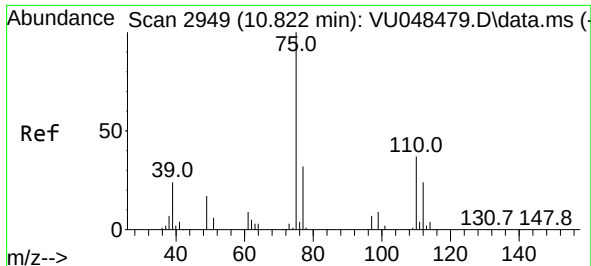
Ion Ratio Lower Upper

173 100

175 49.4 39.1 58.7

254 9.5 7.3 10.9

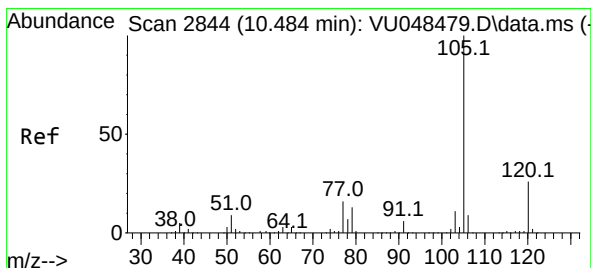
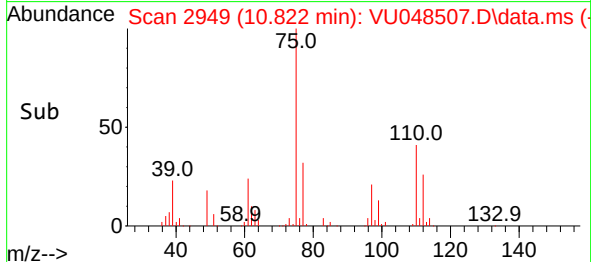
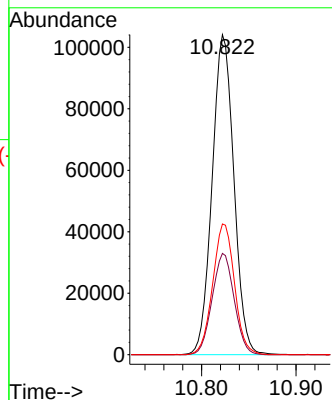
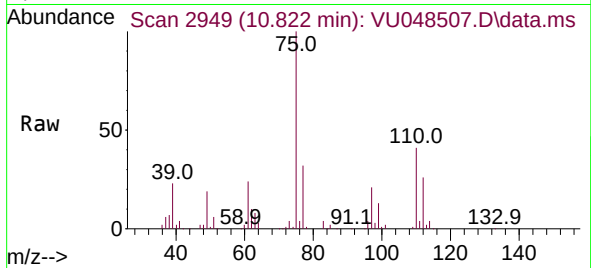




#60
1,2,3-Trichloropropane
Concen: 41.623 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

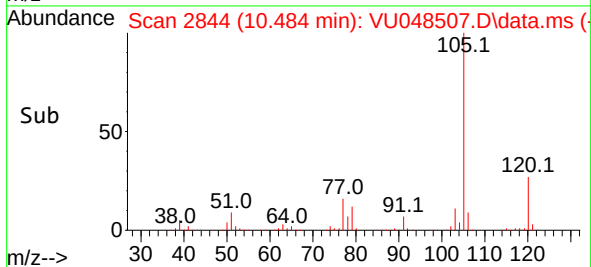
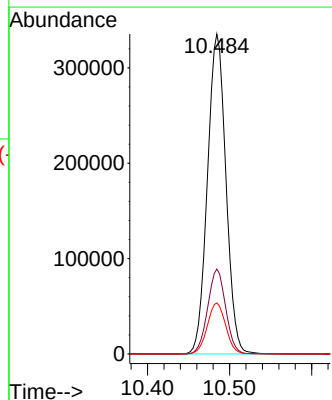
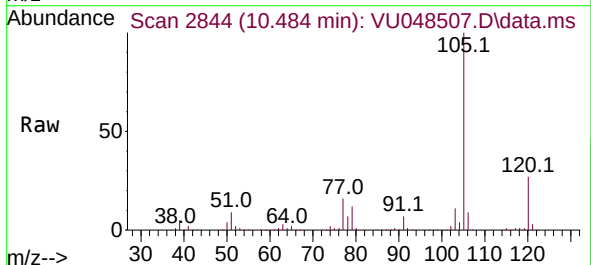
Instrument :
MSVOA_U
ClientSampleId :

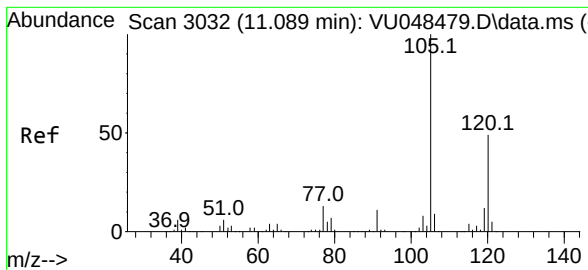
Tgt Ion: 75 Resp: 166362
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 40.9 28.9 43.3



#61
Isopropylbenzene
Concen: 48.857 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion: 105 Resp: 524204
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.9 12.5 18.7

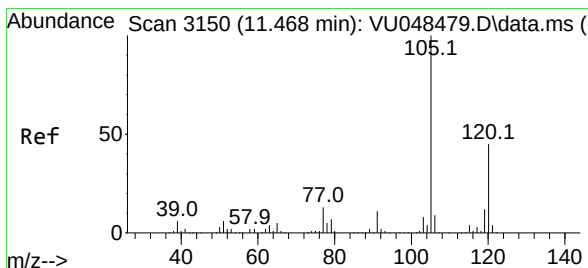
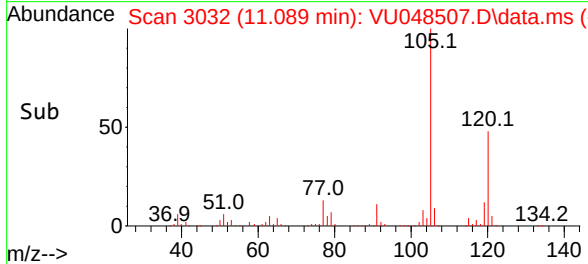
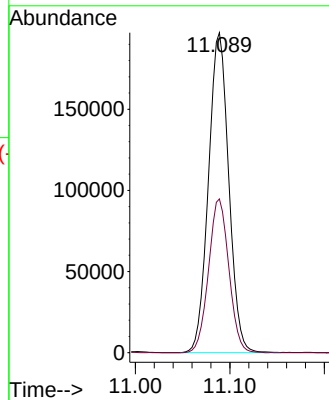
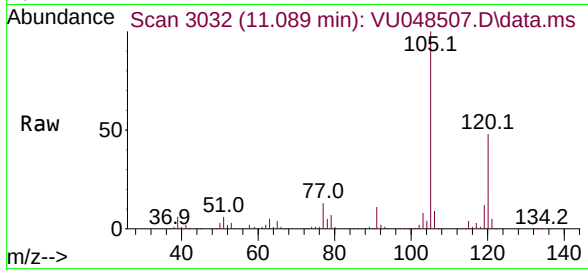




#62
 1,3,5-Trimethylbenzene
 Concen: 49.669 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

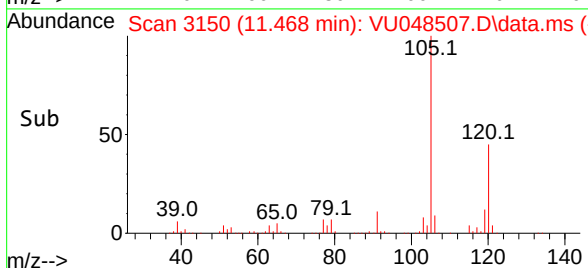
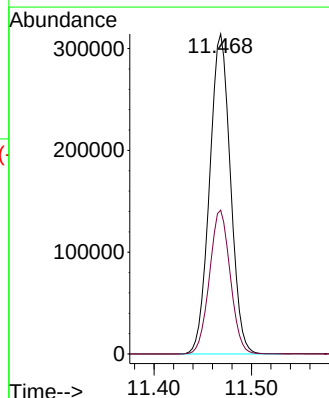
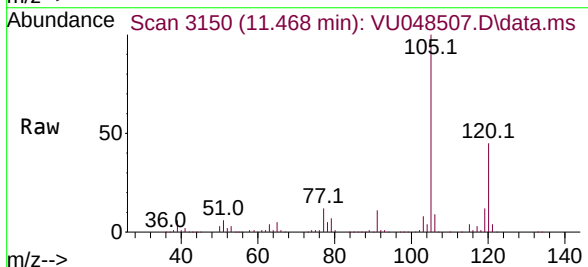
Instrument :
 MSVOA_U
 ClientSampleId :

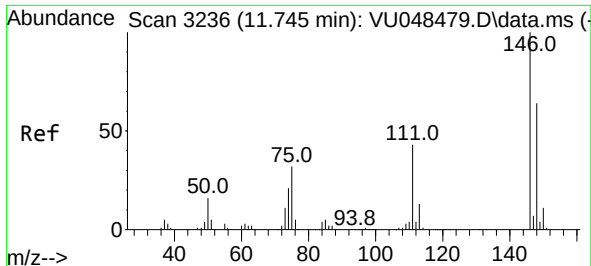
Tgt Ion:105 Resp: 293773
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 53.107 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

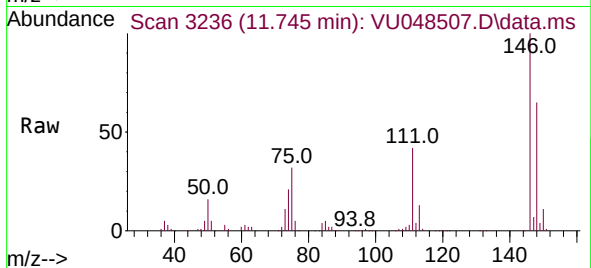
Tgt Ion:105 Resp: 467788
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.4 53.2



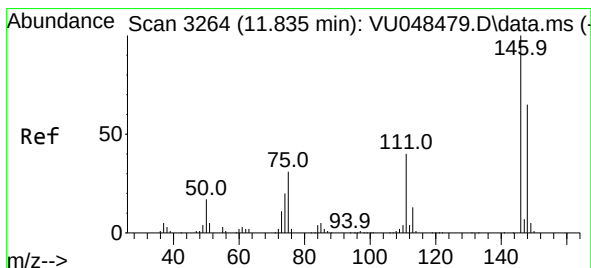
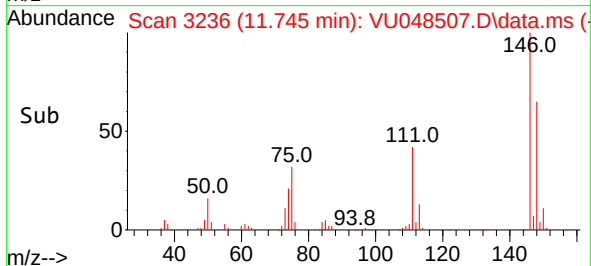
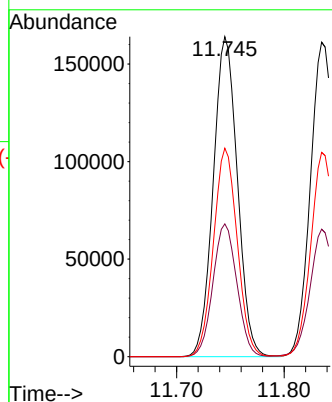


#64
1,3-Dichlorobenzene
Concen: 50.624 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Instrument :
MSVOA_U
ClientSampleId :

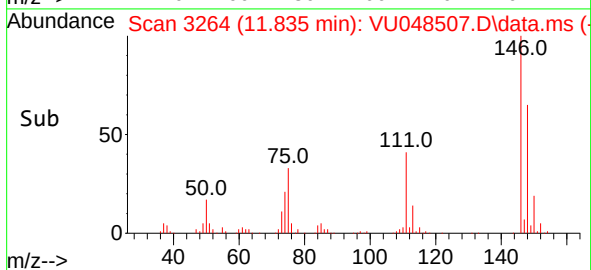
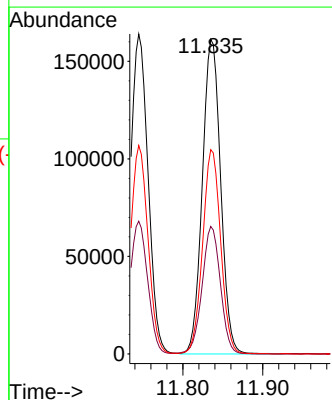
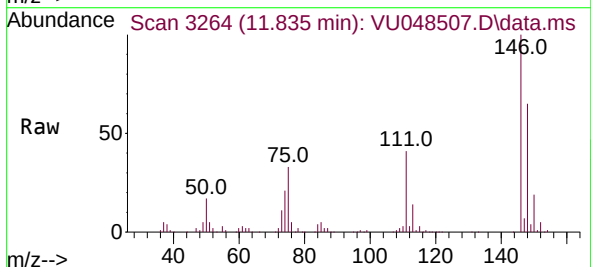


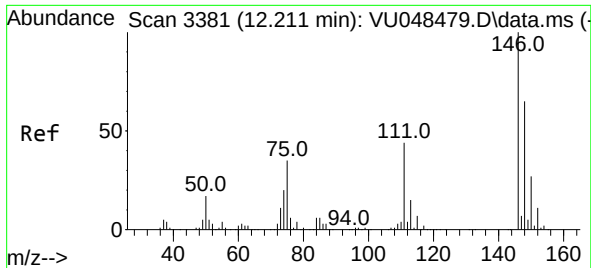
Tgt Ion:146 Resp: 256174
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.7
148 65.1 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 50.731 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048507.D
Acq: 11 May 2022 10:35

Tgt Ion:146 Resp: 257379
Ion Ratio Lower Upper
146 100
111 40.6 28.4 52.8
148 65.0 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 49.469 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

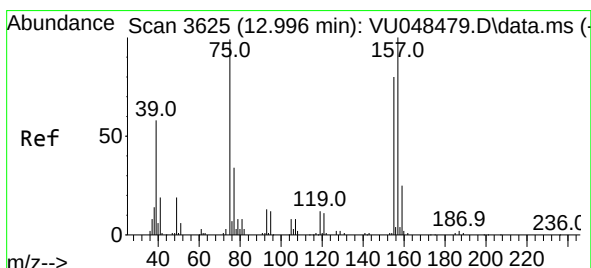
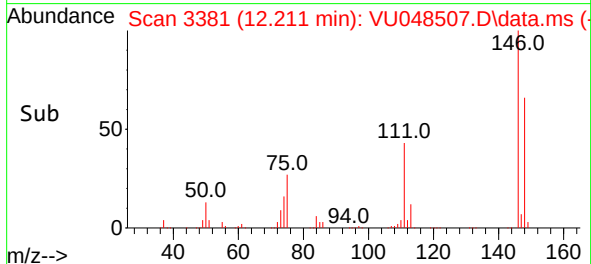
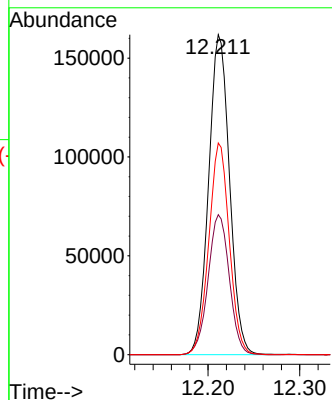
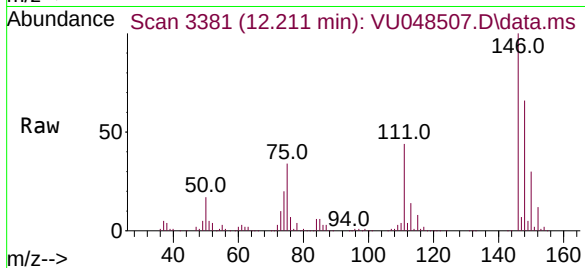
Tgt Ion:146 Resp: 256172

Ion Ratio Lower Upper

146 100

111 43.8 34.9 52.3

148 66.2 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.609 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

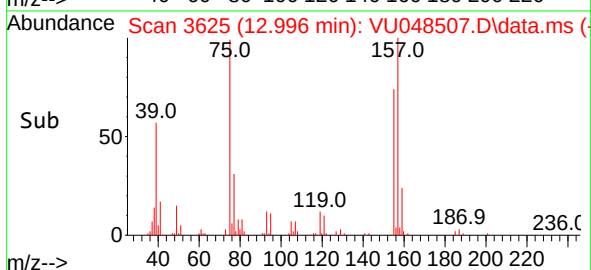
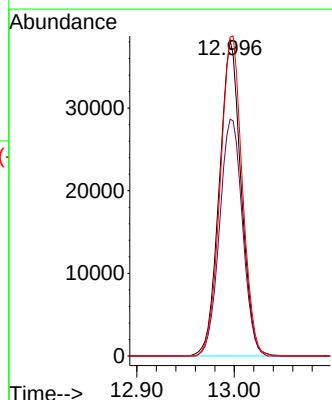
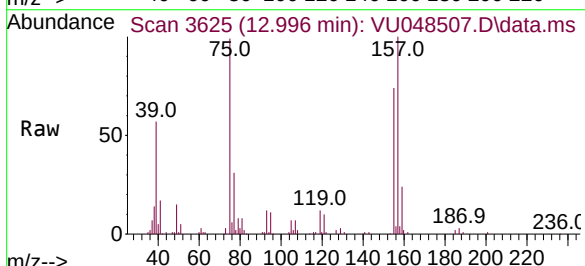
Tgt Ion: 75 Resp: 59287

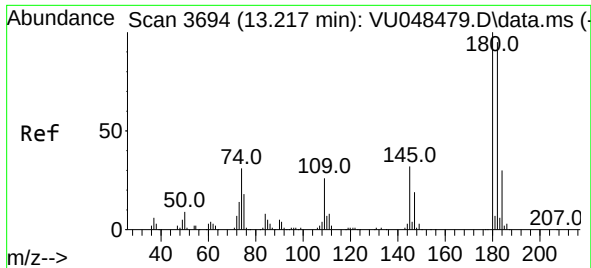
Ion Ratio Lower Upper

75 100

155 75.1 63.4 95.0

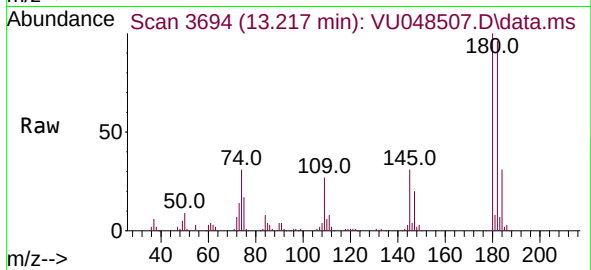
157 101.1 82.2 123.2



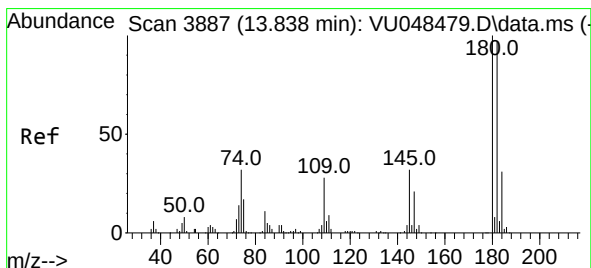
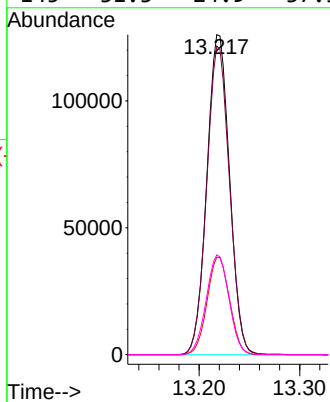
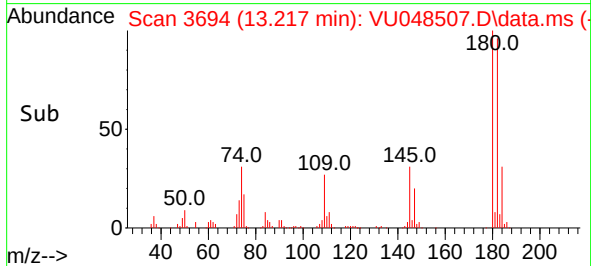


#69
 1,3,5-Trichlorobenzene
 Concen: 55.178 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35

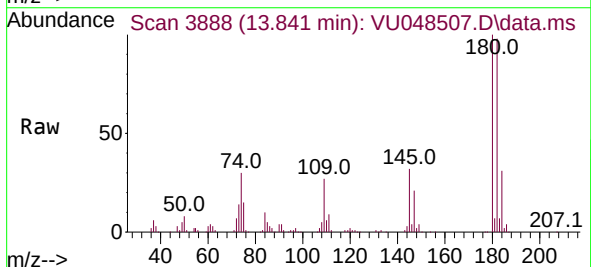
Instrument :
 MSVOA_U
 ClientSampleId :



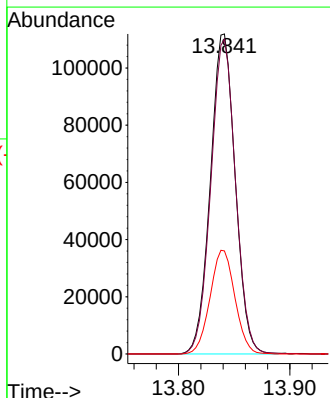
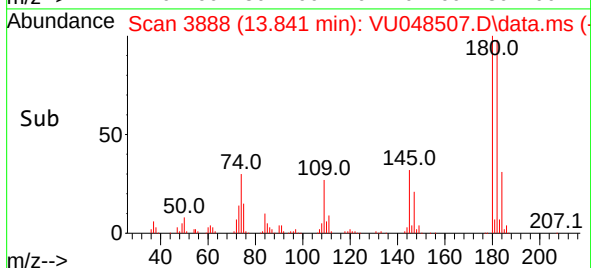
Tgt Ion:180 Resp: 197421
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.7 113.5
 184 30.2 23.8 35.8
 145 31.3 24.9 37.3

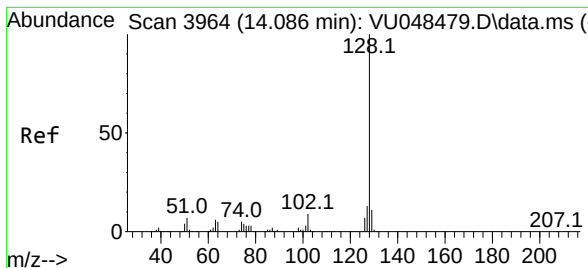


#70
 1,2,4-trichlorobenzene
 Concen: 55.760 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048507.D
 Acq: 11 May 2022 10:35



Tgt Ion:180 Resp: 173254
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.1 115.7
 145 32.4 24.9 37.3





#71

Naphthalene

Concen: 48.998 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

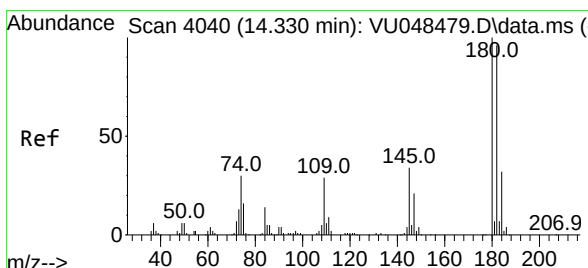
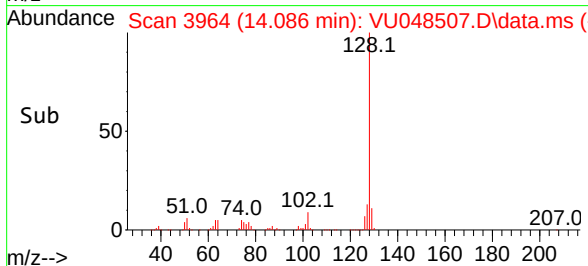
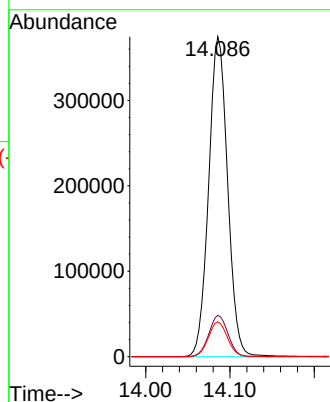
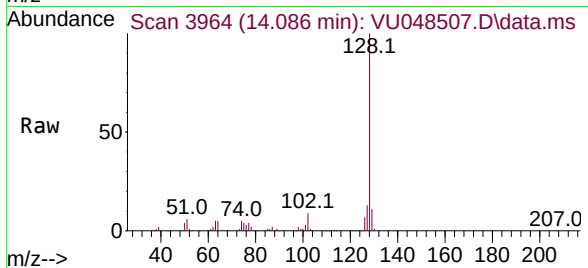
Tgt Ion:128 Resp: 586285

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: 54.295 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048507.D

Acq: 11 May 2022 10:35

Tgt Ion:180 Resp: 179428

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.2

145 33.9 26.4 39.6

