

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048505.D
 Acq On : 10 May 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:26:21 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	279847	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	272198	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79294	32.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.800%
7) Chloroethane-d5	1.912	69	62810	39.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.860%
11) 1,1-Dichloroethene-d2	2.572	63	182887	42.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	4.629	46	180335	87.860	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.860%
24) Chloroform-d	5.067	84	205433	49.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
26) 1,2-Dichloroethane-d4	5.703	65	138257	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
32) Benzene-d6	5.729	84	359026	43.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.690	67	112769	41.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.620%
41) Toluene-d8	7.899	98	329519	45.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
43) trans-1,3-Dichloroprop...	8.179	79	60443	48.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.632	63	133741	102.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	178729	43.501	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	139743	45.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	125449	49.555	ug/L	99
3) Chloromethane	1.523	50	96037	33.167	ug/L	97
5) Vinyl chloride	1.604	62	104519	37.996	ug/L	98
6) Bromomethane	1.858	94	67859	49.883	ug/L	99
8) Chloroethane	1.935	64	62668	42.374	ug/L	99
9) Trichlorofluoromethane	2.141	101	193910	53.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	100393	48.405	ug/L	98
12) 1,1-Dichloroethene	2.581	96	93162	47.509	ug/L	94
13) Acetone	2.639	43	129690	83.810	ug/L	97
14) Carbon disulfide	2.793	76	261240	42.981	ug/L	100
15) Methyl Acetate	2.951	43	126972	40.053	ug/L	93
16) Methylene chloride	3.047	84	110977	46.279	ug/L	91
17) trans-1,2-Dichloroethene	3.356	96	100567	48.071	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	359844	51.075	ug/L	97
19) 1,1-Dichloroethane	3.874	63	197198	45.713	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	115237	48.813	ug/L	94
22) 2-Butanone	4.710	43	188078	81.307	ug/L	95
23) Bromochloromethane	4.977	128	61761	49.642	ug/L	86
25) Chloroform	5.089	83	218019	51.181	ug/L	98

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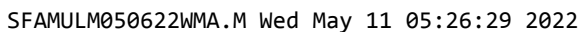
Instrument :
 MSVOA_U
 ClientSampleId :

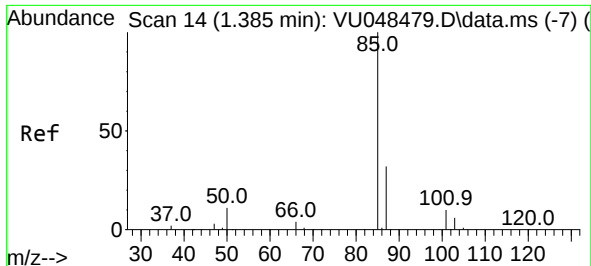
Quant Time: May 11 05:26:21 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186989	53.391	ug/L	99
29) Cyclohexane	5.391	56	156954	41.786	ug/L	89
30) 1,1,1-Trichloroethane	5.317	97	209357	55.383	ug/L	98
31) Carbon tetrachloride	5.526	117	183382	56.654	ug/L	99
33) Benzene	5.774	78	438339	46.771	ug/L	100
34) Trichloroethene	6.542	95	114734	49.803	ug/L	98
35) Methylcyclohexane	6.764	83	171977	46.788	ug/L	95
37) 1,2-Dichloropropane	6.790	63	111402	42.589	ug/L	99
38) Bromodichloromethane	7.105	83	168916	53.034	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	183162	49.229	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	357937	85.403	ug/L #	94
42) Toluene	7.970	91	474035	49.007	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	188958	52.261	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	115259	48.724	ug/L	98
46) Tetrachloroethene	8.555	164	93684	54.132	ug/L	98
48) 2-Hexanone	8.684	43	293324	84.213	ug/L #	98
49) Dibromochloromethane	8.809	129	139855	55.052	ug/L	97
50) 1,2-Dibromoethane	8.922	107	127929	51.160	ug/L	99
51) Chlorobenzene	9.446	112	310219	50.900	ug/L	99
52) Ethylbenzene	9.571	91	522148	51.820	ug/L	99
53) m,p-Xylene	9.693	106	206267	53.034	ug/L	98
54) o-Xylene	10.099	106	203814	52.087	ug/L	97
55) Styrene	10.115	104	351453	55.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	198156	44.694	ug/L	98
59) Bromoform	10.292	173	109404	49.719	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	171904	42.445	ug/L	96
61) Isopropylbenzene	10.484	105	534809	49.191	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300002	50.057	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	468604	52.501	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	254109	49.557	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	254262	49.458	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	256298	48.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	63197	53.239	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	194497	53.647	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	175176	55.638	ug/L	99
71) Naphthalene	14.086	128	646404	53.313	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	184510	55.100	ug/L	100

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

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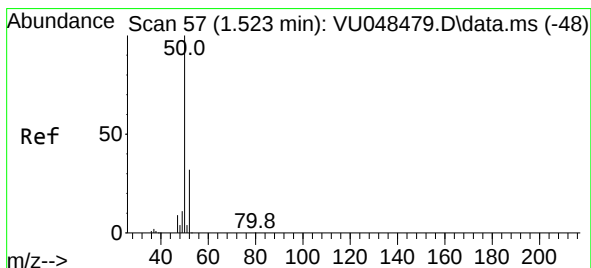
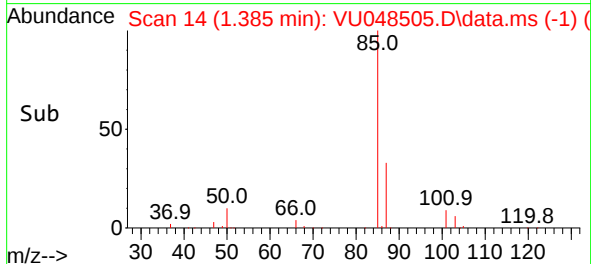
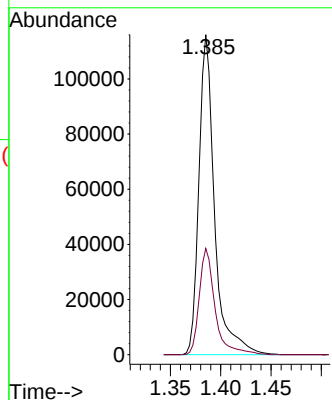
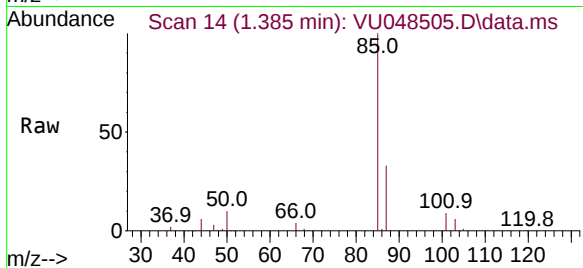




#2
Dichlorodifluoromethane
Concen: 49.555 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

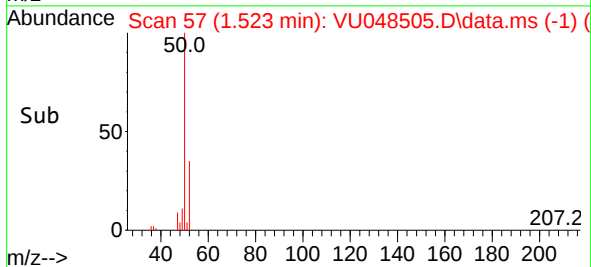
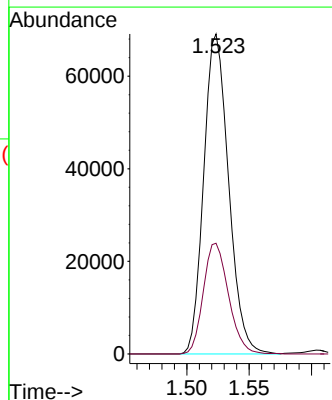
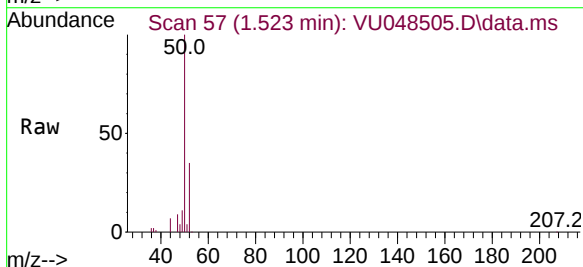
Instrument :
MSVOA_U
ClientSampleId :

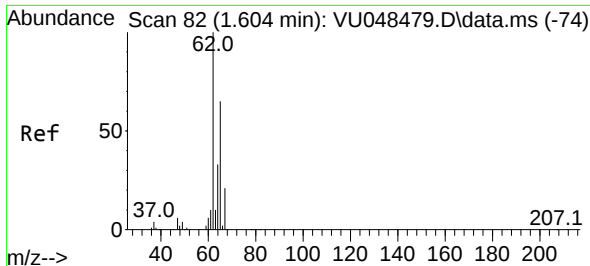
Tgt Ion: 85 Resp: 125449
Ion Ratio Lower Upper
85 100
87 33.4 26.2 39.4



#3
Chloromethane
Concen: 33.167 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

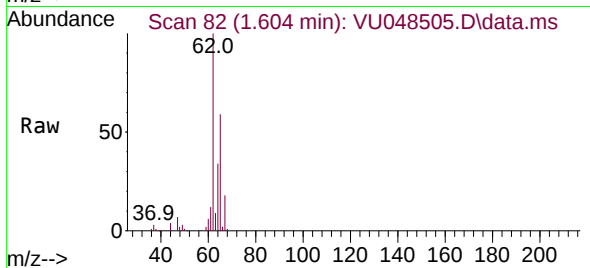
Tgt Ion: 50 Resp: 96037
Ion Ratio Lower Upper
50 100
52 34.6 23.0 42.8



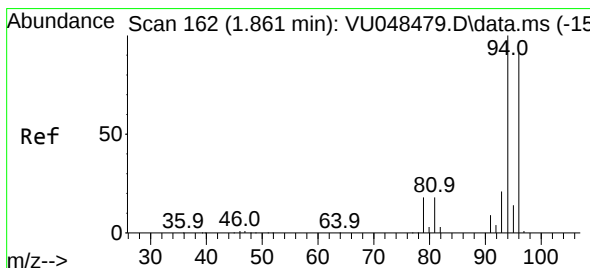
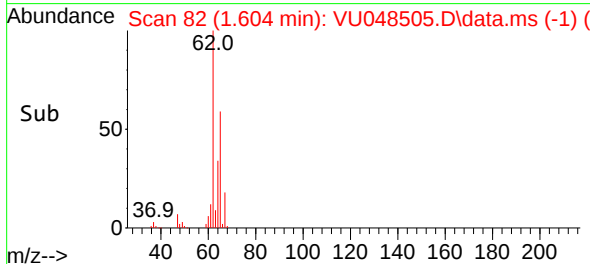
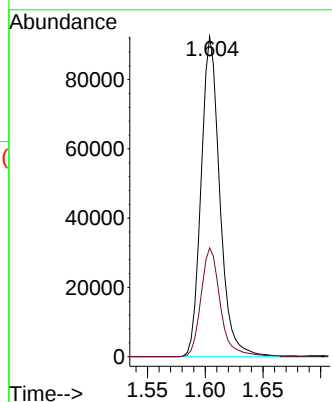


#5
 Vinyl chloride
 Concen: 37.996 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048505.D
 Acq: 10 May 2022 20:41

Instrument :
 MSVOA_U
 ClientSampleId :

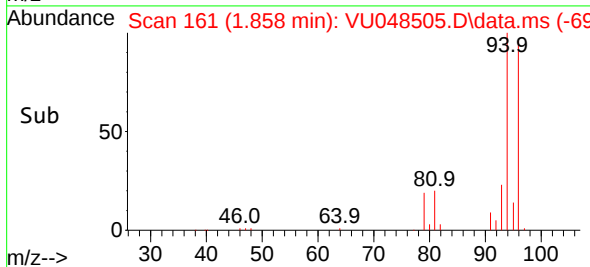
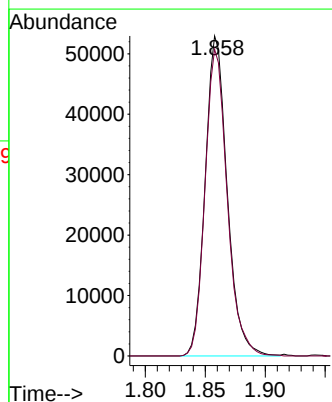
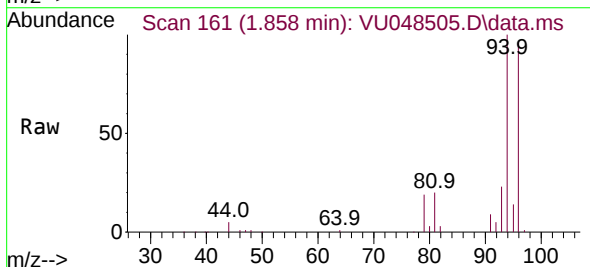


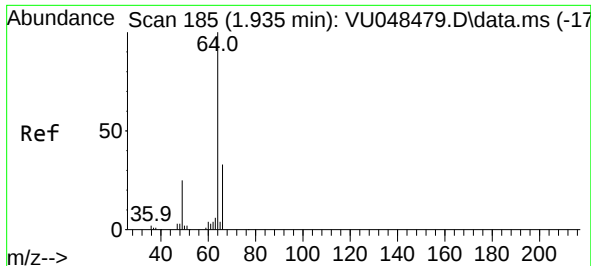
Tgt Ion: 62 Resp: 104519
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 49.883 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU048505.D
 Acq: 10 May 2022 20:41

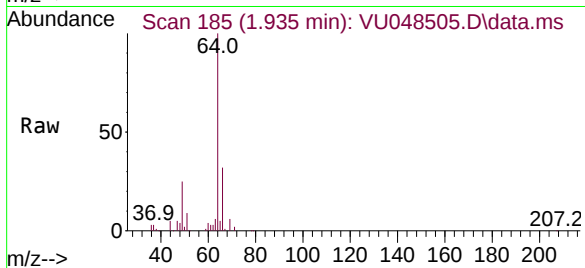
Tgt Ion: 94 Resp: 67859
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.5 123.5



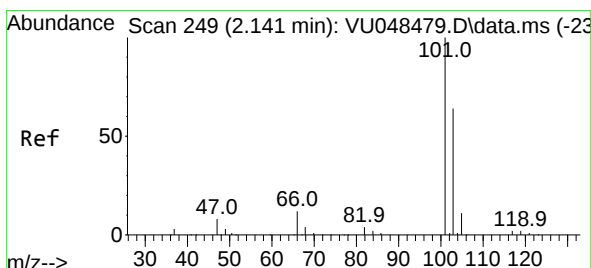
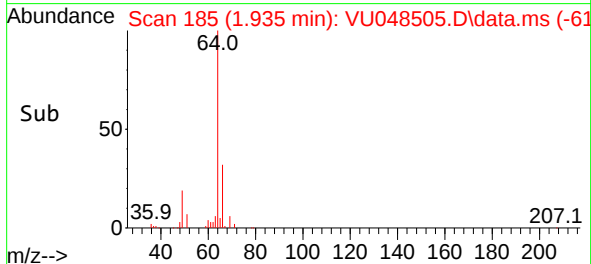
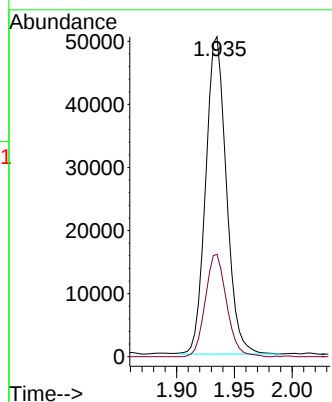


#8
Chloroethane
Concen: 42.374 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :

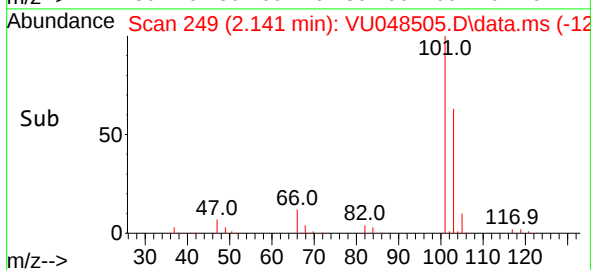
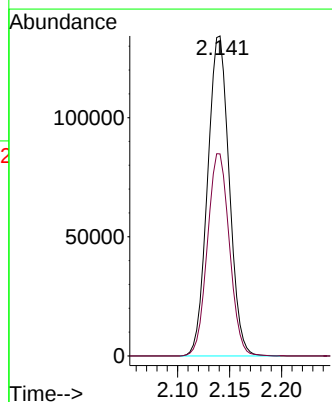
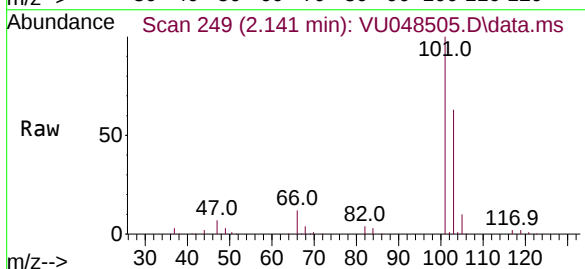


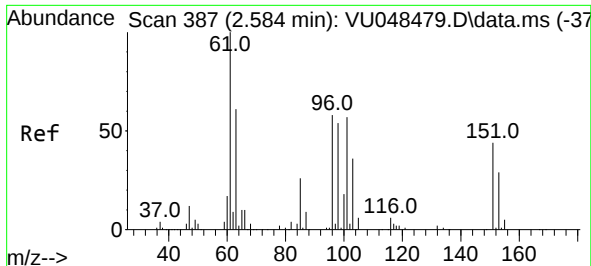
Tgt Ion: 64 Resp: 62668
Ion Ratio Lower Upper
64 100
66 32.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 53.652 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion: 101 Resp: 193910
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.405 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

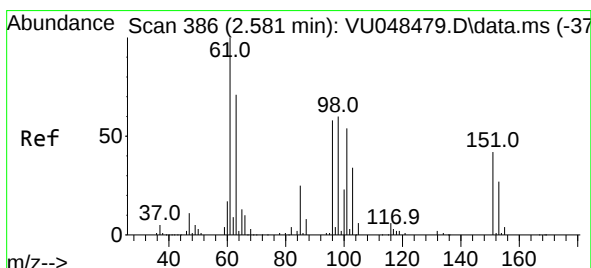
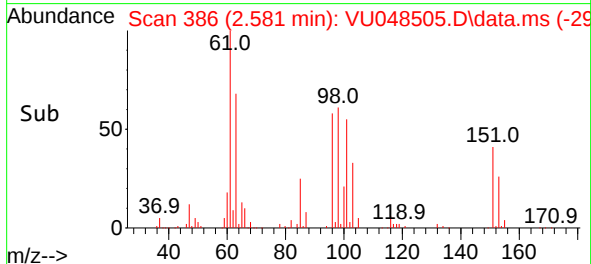
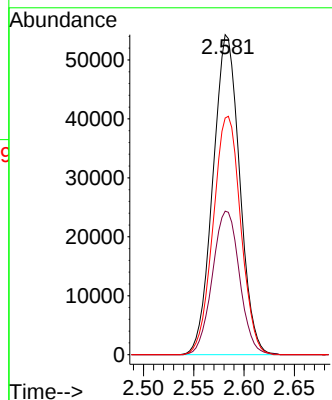
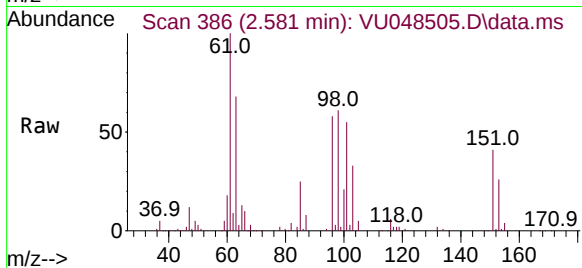
Tgt Ion:101 Resp: 100393

Ion Ratio Lower Upper

101 100

85 45.5 34.8 52.2

151 76.9 60.7 91.1



#12

1,1-Dichloroethene

Concen: 47.509 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

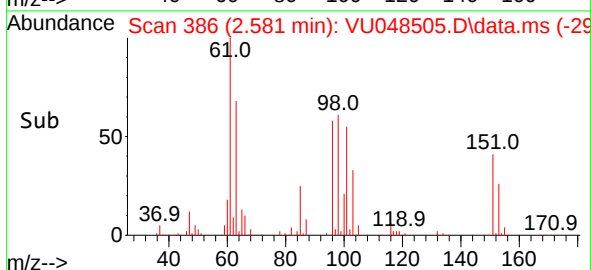
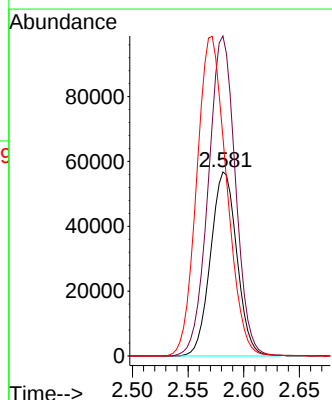
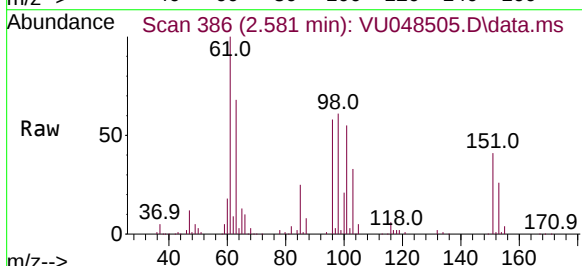
Tgt Ion: 96 Resp: 93162

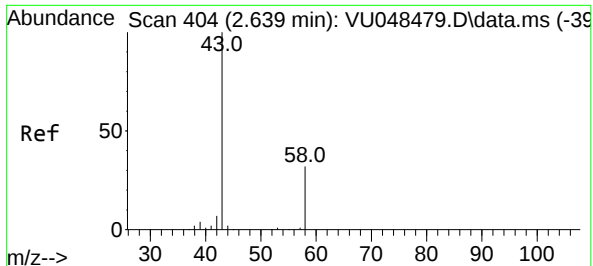
Ion Ratio Lower Upper

96 100

61 173.9 124.5 231.3

63 118.9 92.5 171.9





#13

Acetone

Concen: 83.810 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

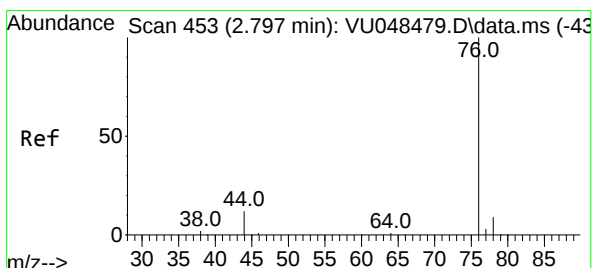
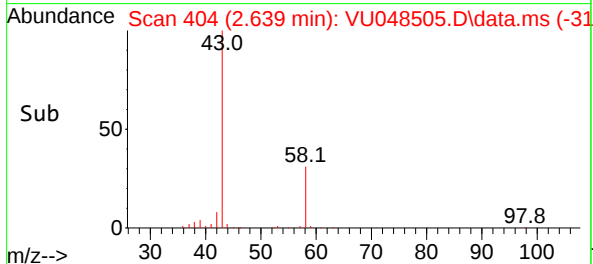
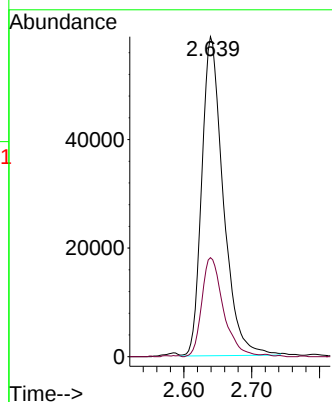
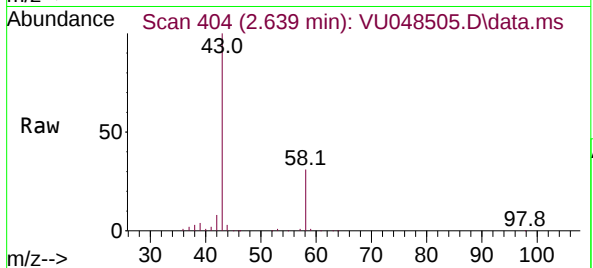
ClientSampleId :

Tgt Ion: 43 Resp: 129690

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.2



#14

Carbon disulfide

Concen: 42.981 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.003 min

Lab File: VU048505.D

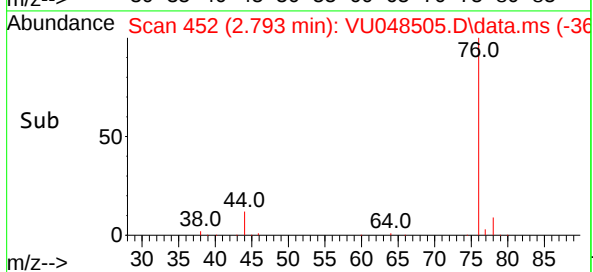
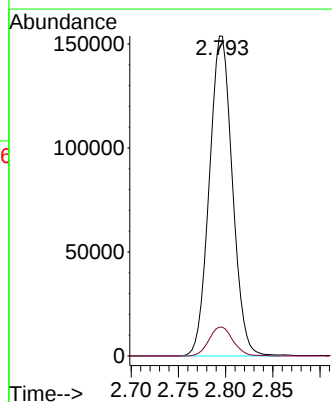
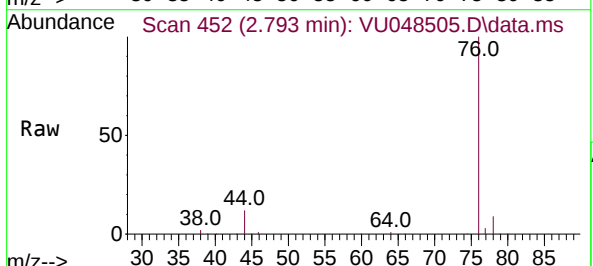
Acq: 10 May 2022 20:41

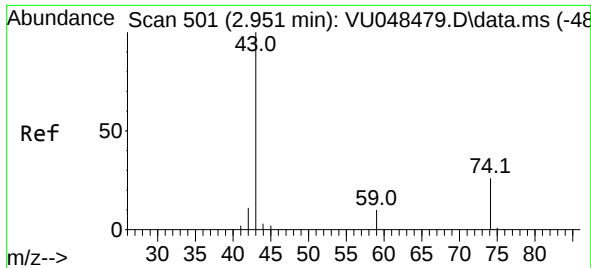
Tgt Ion: 76 Resp: 261240

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

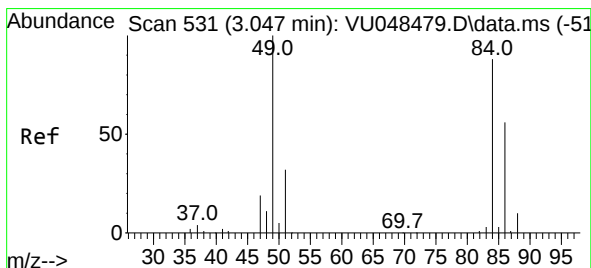
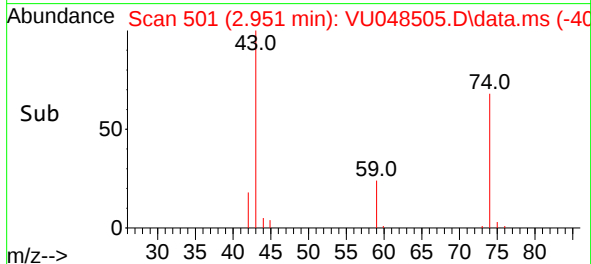
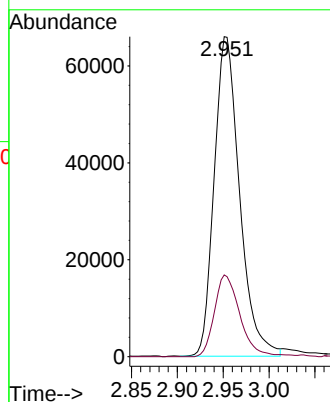
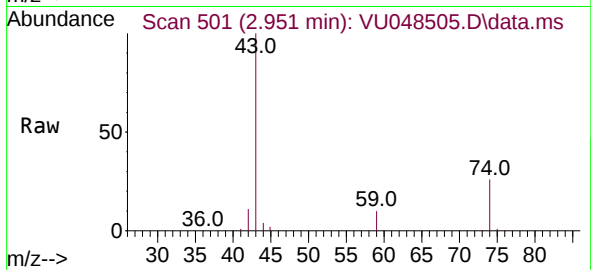




#15
Methyl Acetate
Concen: 40.053 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

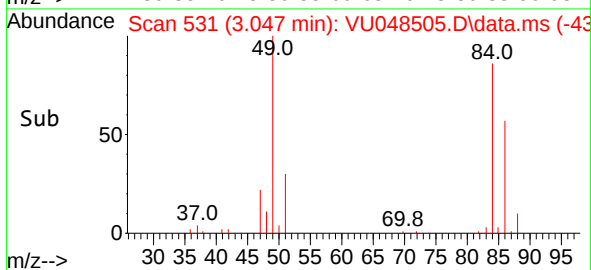
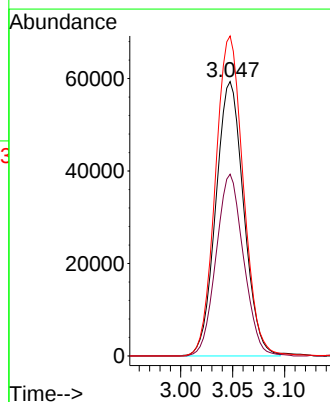
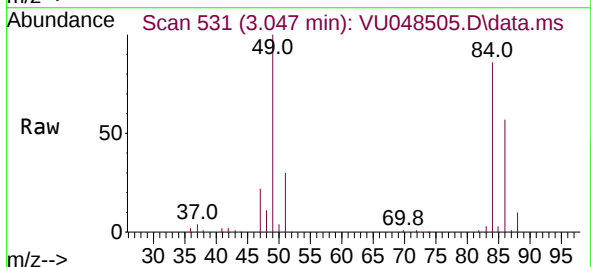
Instrument :
MSVOA_U
ClientSampleId :

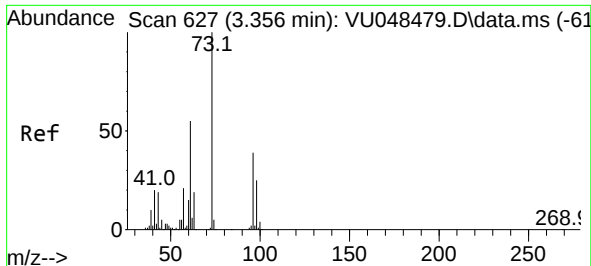
Tgt Ion: 43 Resp: 126972
Ion Ratio Lower Upper
43 100
74 25.4 17.6 26.4



#16
Methylene chloride
Concen: 46.279 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion: 84 Resp: 110977
Ion Ratio Lower Upper
84 100
86 66.3 44.8 83.2
49 116.6 92.0 170.8

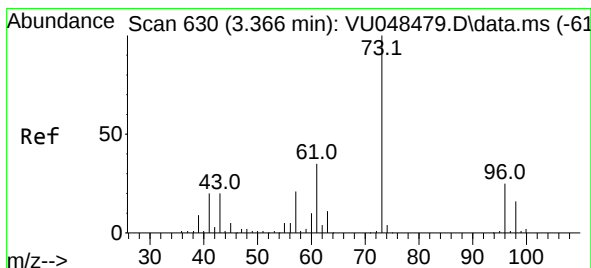
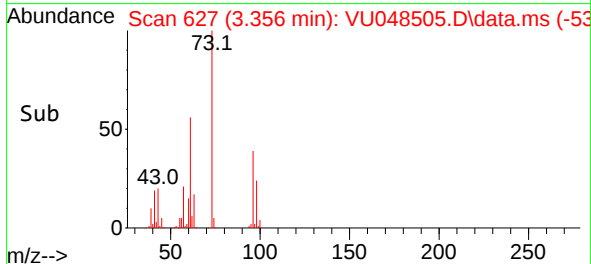
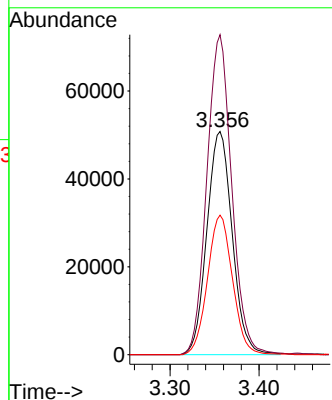
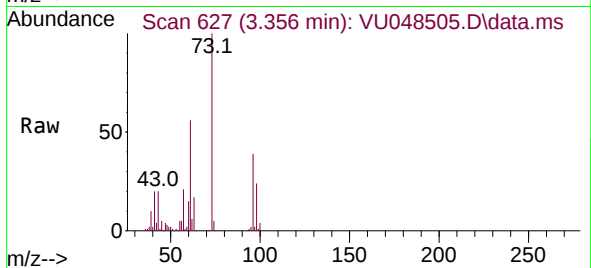




#17
trans-1,2-Dichloroethene
Concen: 48.071 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

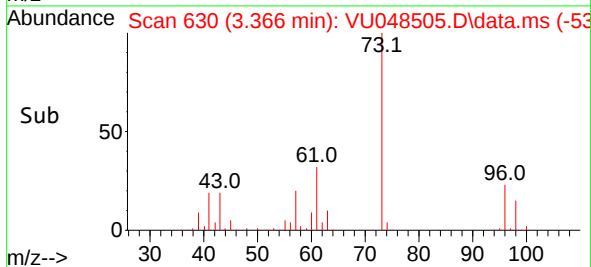
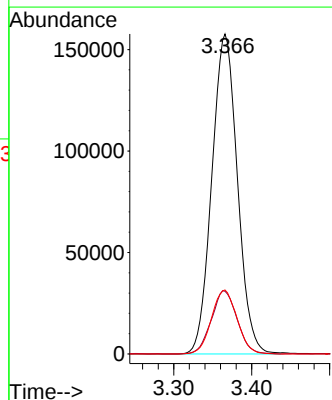
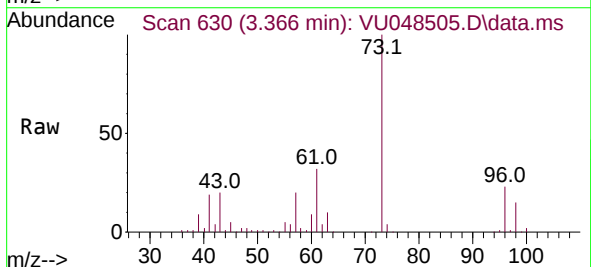
Instrument :
MSVOA_U
ClientSampleId :

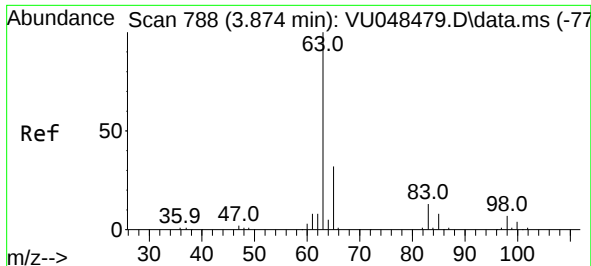
Tgt Ion: 96 Resp: 100567
Ion Ratio Lower Upper
96 100
61 143.4 101.2 187.8
98 62.5 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 51.075 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion: 73 Resp: 359844
Ion Ratio Lower Upper
73 100
43 19.9 15.6 23.4
57 20.0 18.1 27.1





#19

1,1-Dichloroethane

Concen: 45.713 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

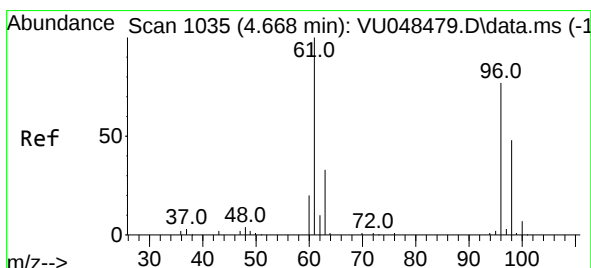
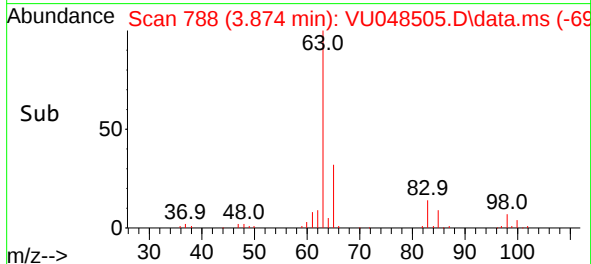
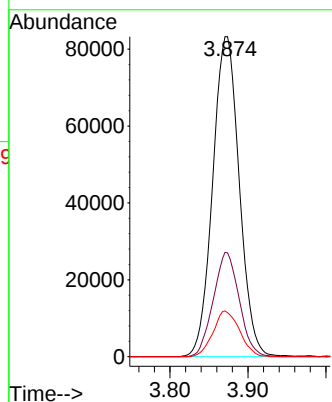
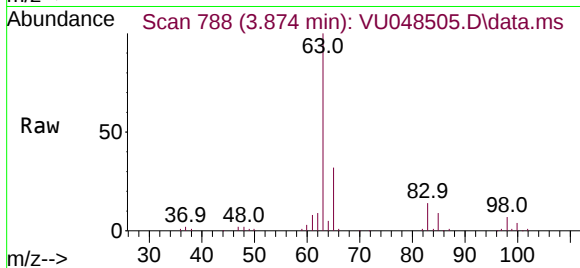
Tgt Ion: 63 Resp: 197198

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

83 13.8 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 48.813 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

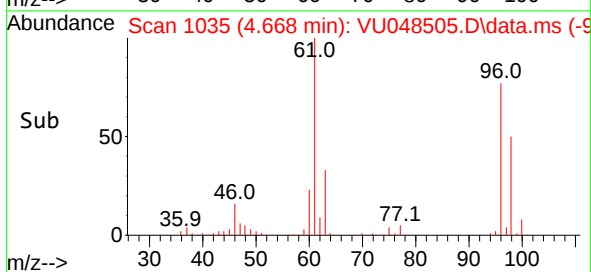
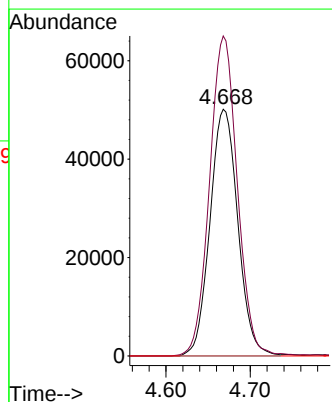
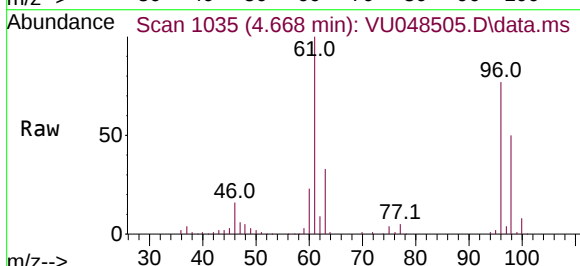
Tgt Ion: 96 Resp: 115237

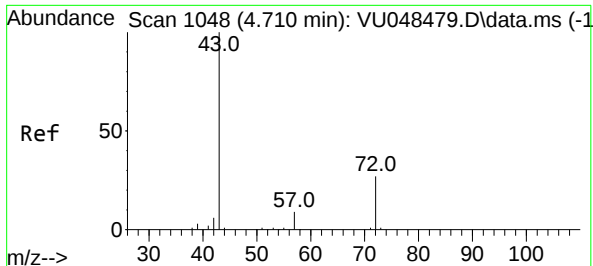
Ion Ratio Lower Upper

96 100

61 129.7 96.2 178.8

68 0.0 0.0 0.0

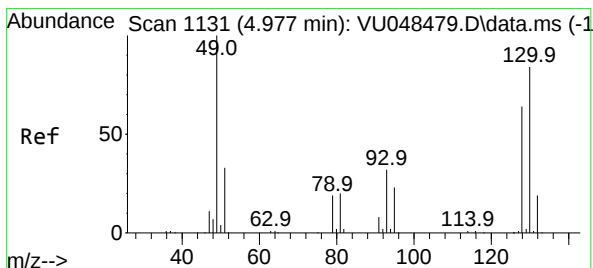
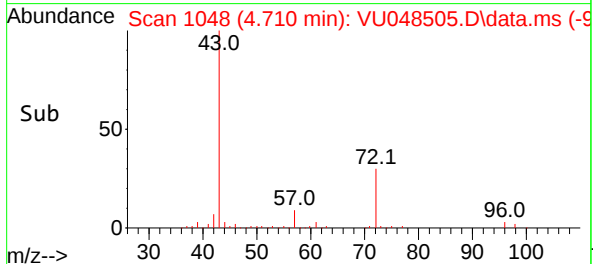
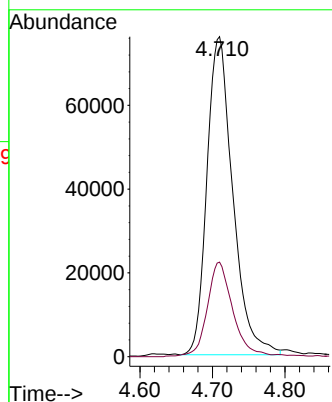
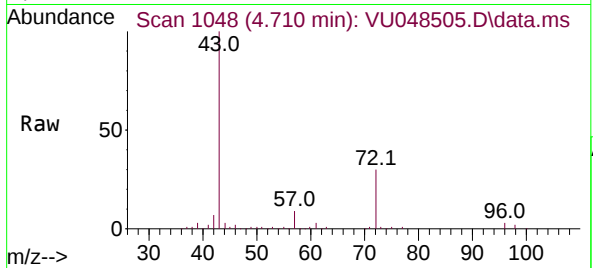




#22
2-Butanone
Concen: 81.307 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

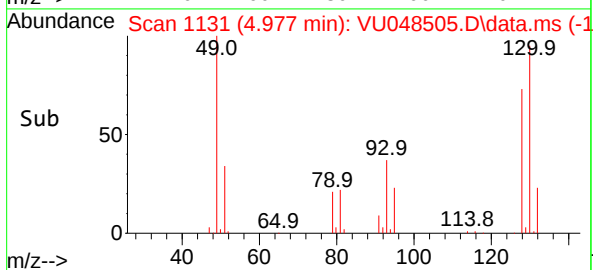
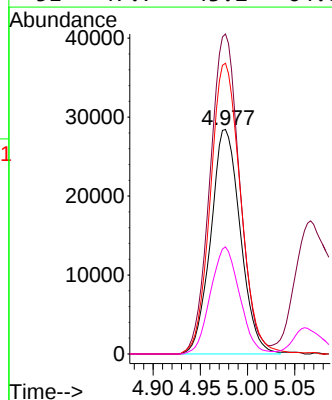
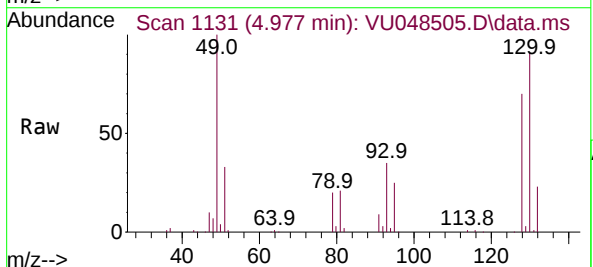
Instrument :
MSVOA_U
ClientSampleId :

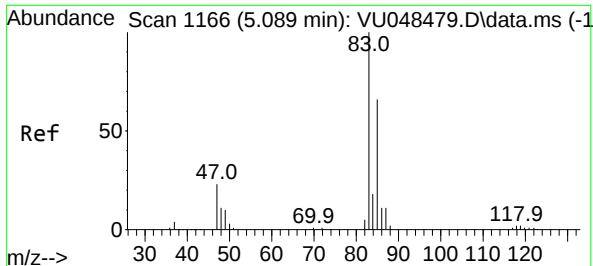
Tgt Ion: 43 Resp: 188078
Ion Ratio Lower Upper
43 100
72 29.3 13.3 39.9



#23
Bromochloromethane
Concen: 49.642 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion: 128 Resp: 61761
Ion Ratio Lower Upper
128 100
49 142.6 123.1 228.7
130 129.5 93.6 173.8
51 47.7 43.2 64.8





#25

Chloroform

Concen: 51.181 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

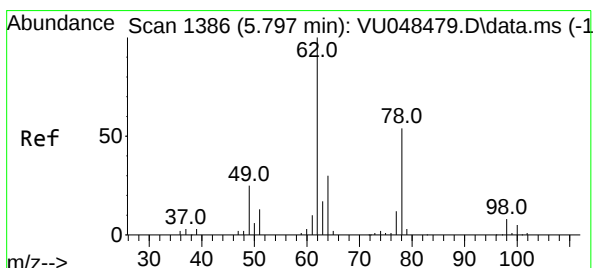
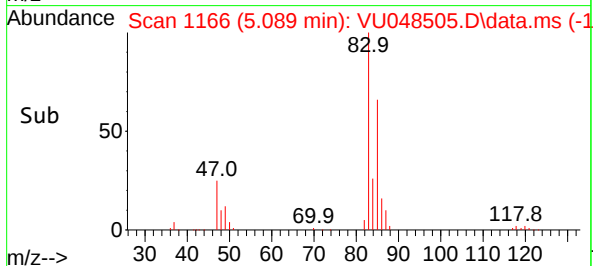
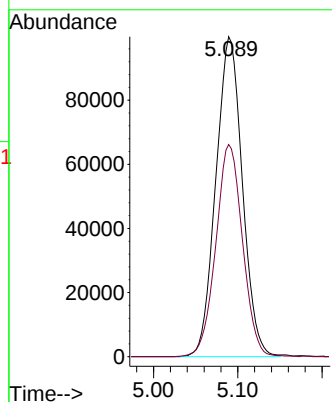
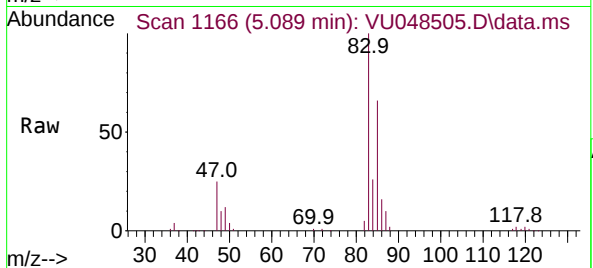
ClientSampleId :

Tgt Ion: 83 Resp: 218019

Ion Ratio Lower Upper

83 100

85 66.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 53.391 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048505.D

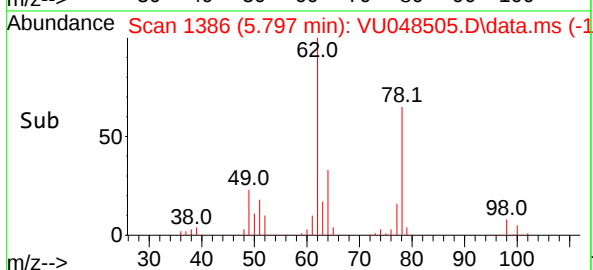
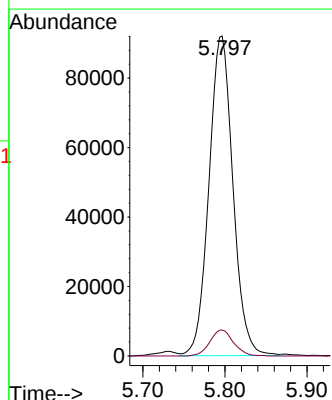
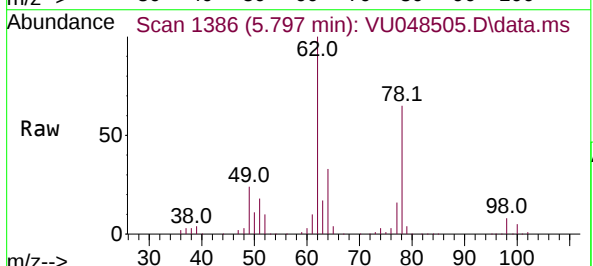
Acq: 10 May 2022 20:41

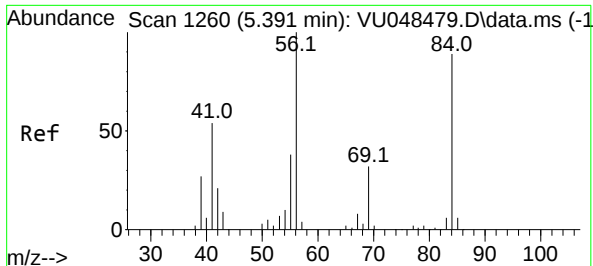
Tgt Ion: 62 Resp: 186989

Ion Ratio Lower Upper

62 100

98 8.1 6.8 10.2





#29

Cyclohexane

Concen: 41.786 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

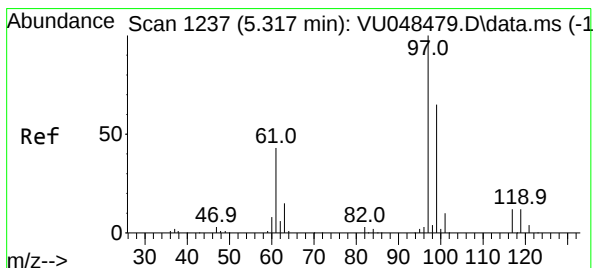
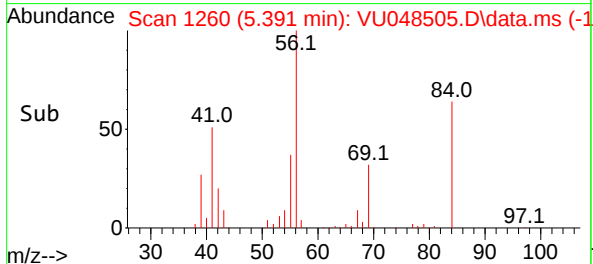
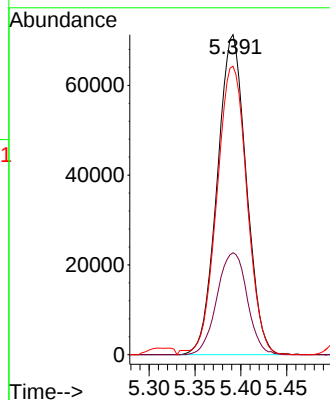
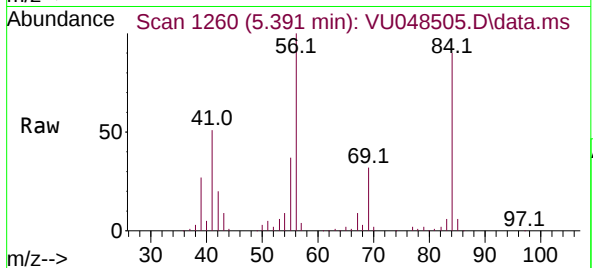
Tgt Ion: 56 Resp: 156954

Ion Ratio Lower Upper

56 100

69 33.1 23.4 35.0

84 92.6 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 55.383 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

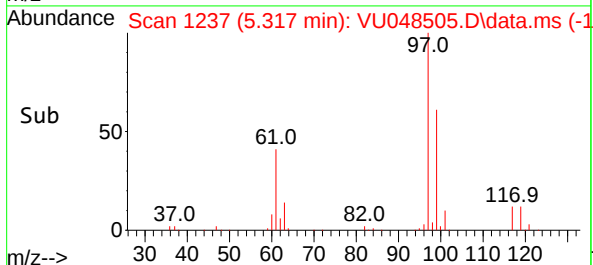
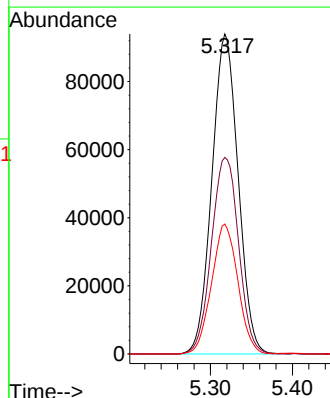
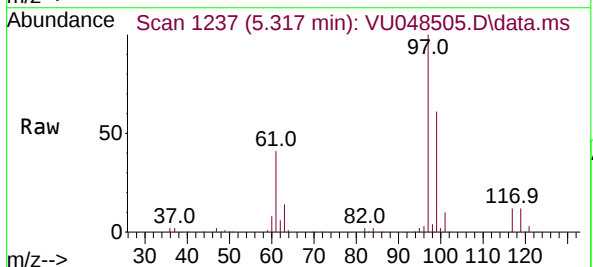
Tgt Ion: 97 Resp: 209357

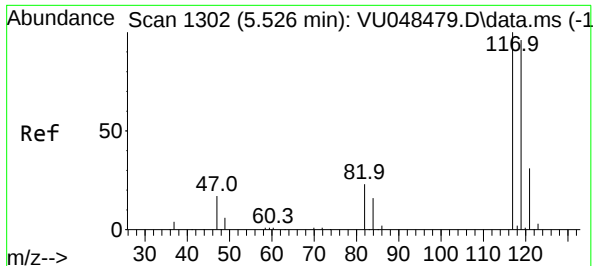
Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 40.7 35.0 52.4

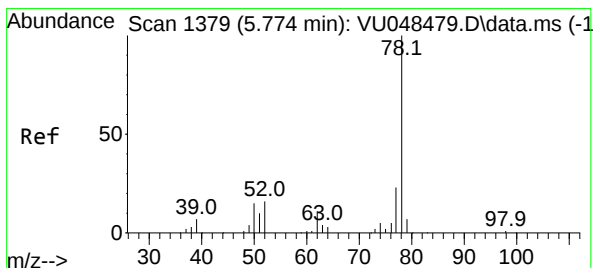
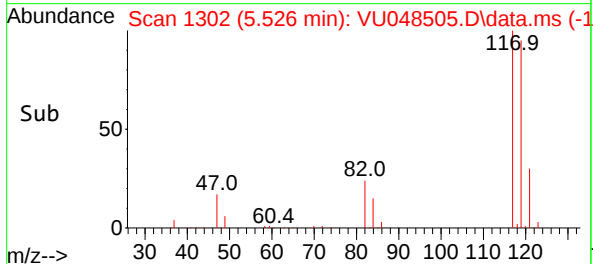
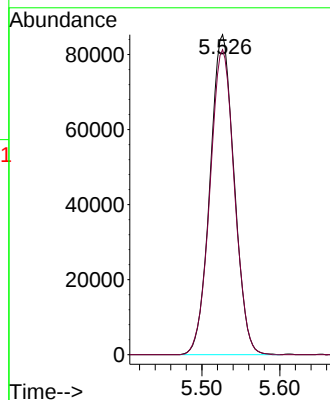
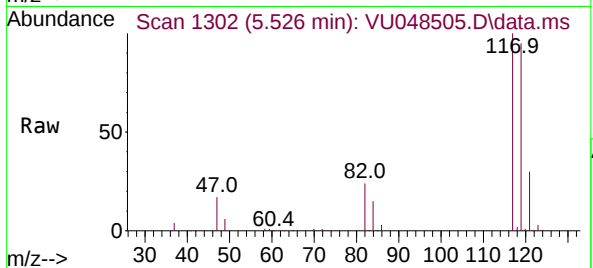




#31
Carbon tetrachloride
Concen: 56.654 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

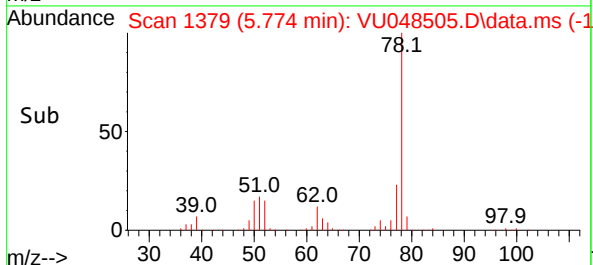
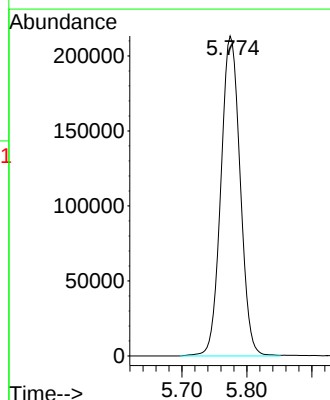
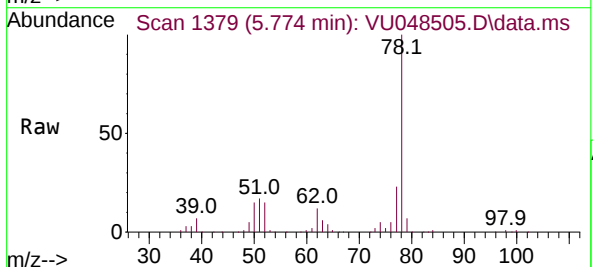
Instrument :
MSVOA_U
ClientSampleId :

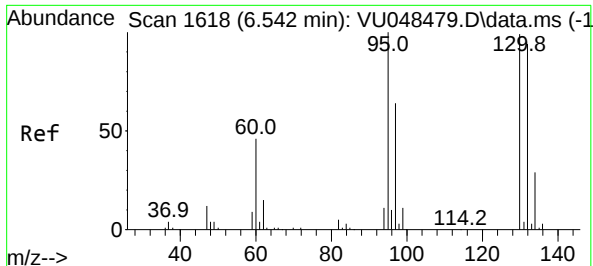
Tgt Ion:117 Resp: 183382
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7



#33
Benzene
Concen: 46.771 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

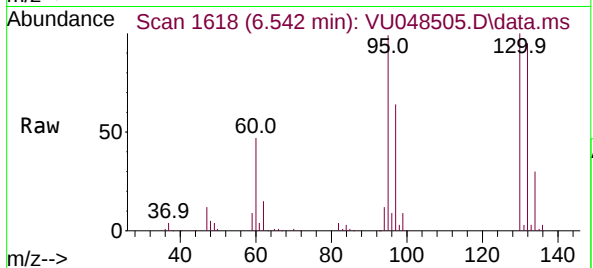
Tgt Ion: 78 Resp: 438339



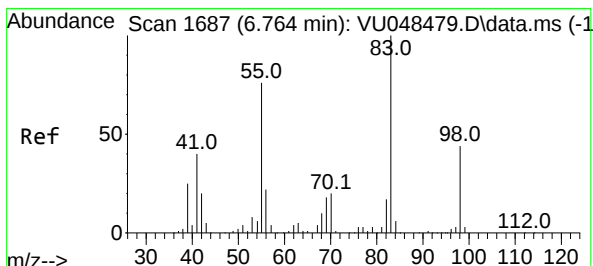
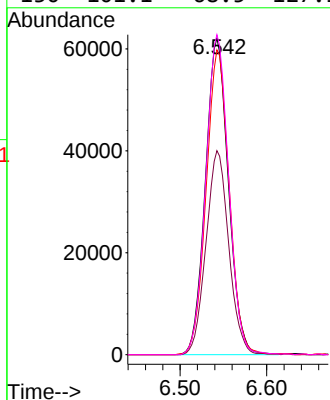
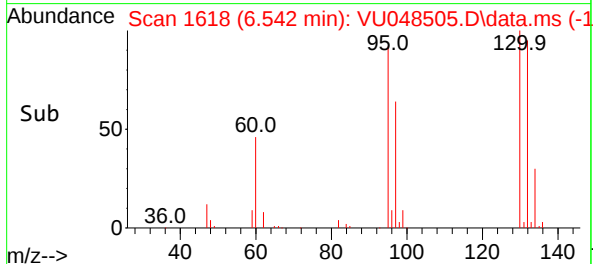


#34
Trichloroethene
Concen: 49.803 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

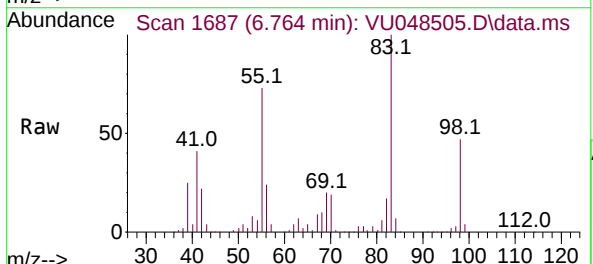
Instrument :
MSVOA_U
ClientSampleId :



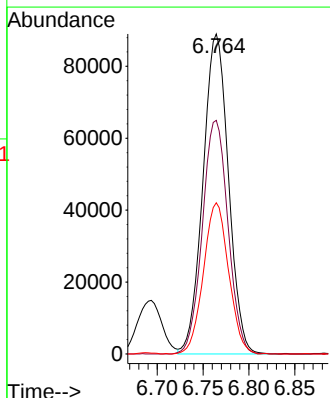
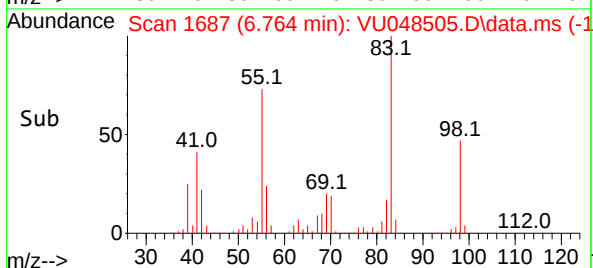
Tgt Ion: 95 Resp: 114734
Ion Ratio Lower Upper
95 100
97 64.5 46.6 86.6
132 96.3 67.3 124.9
130 101.1 68.5 127.1

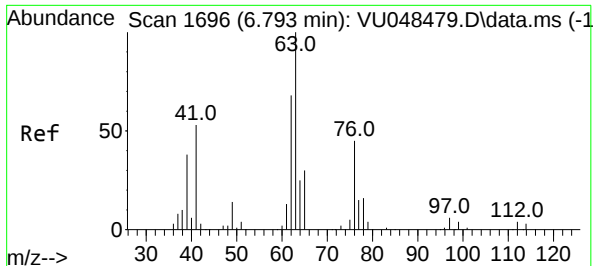


#35
Methylcyclohexane
Concen: 46.788 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41



Tgt Ion: 83 Resp: 171977
Ion Ratio Lower Upper
83 100
55 73.3 63.4 95.2
98 46.7 35.9 53.9





#37

1,2-Dichloropropane

Concen: 42.589 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

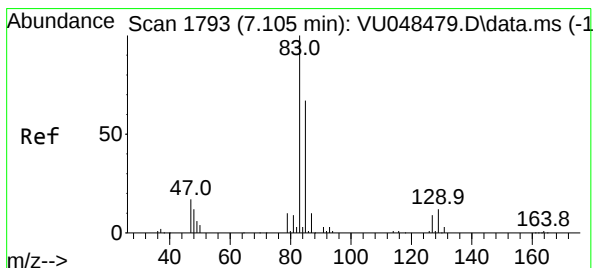
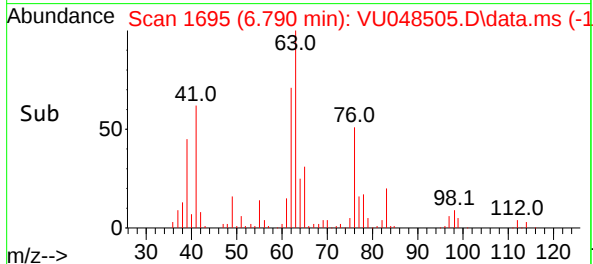
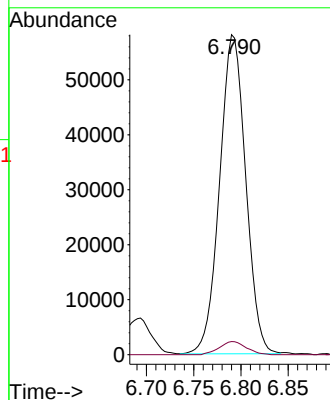
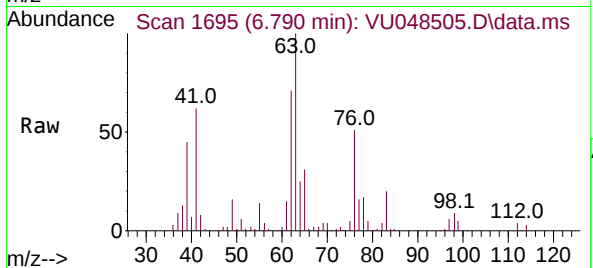
ClientSampleId :

Tgt Ion: 63 Resp: 111402

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 53.034 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

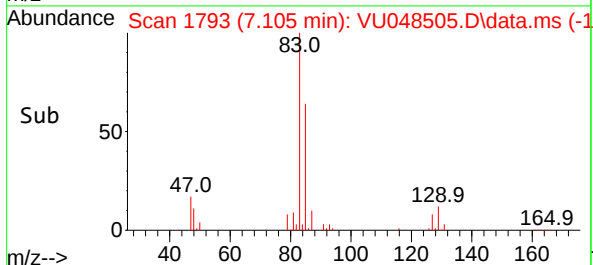
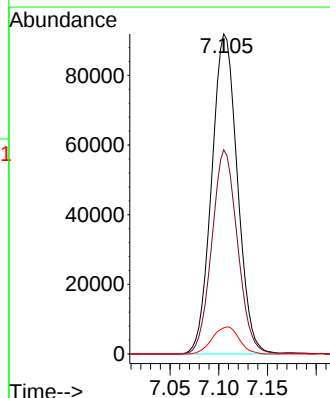
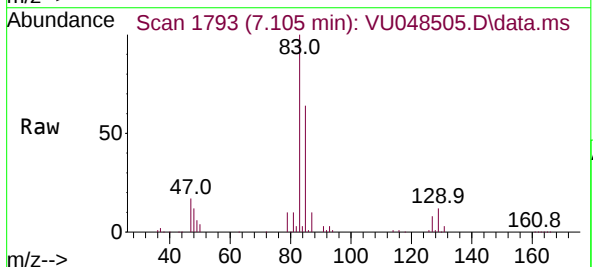
Tgt Ion: 83 Resp: 168916

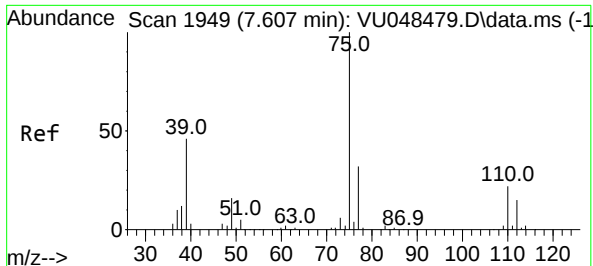
Ion Ratio Lower Upper

83 100

85 63.8 45.5 84.5

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.229 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

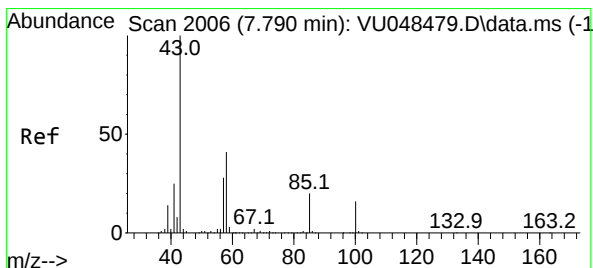
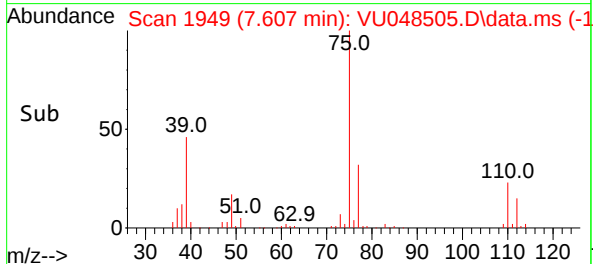
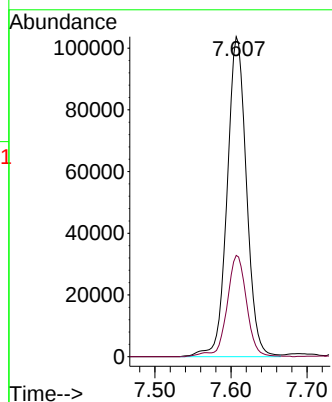
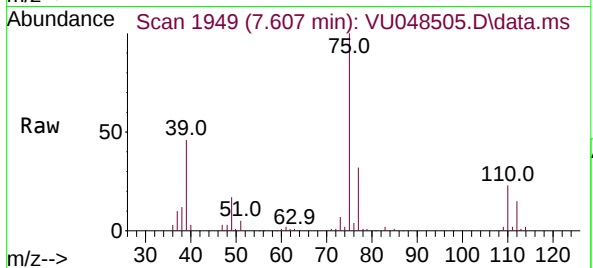
ClientSampleId :

Tgt Ion: 75 Resp: 183162

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 85.403 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

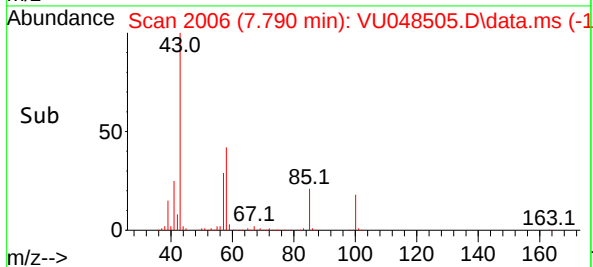
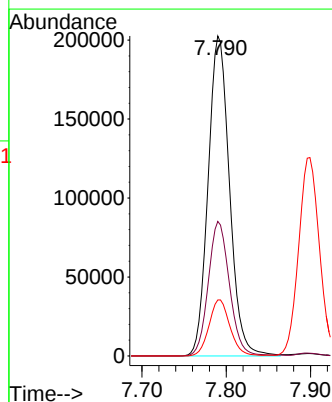
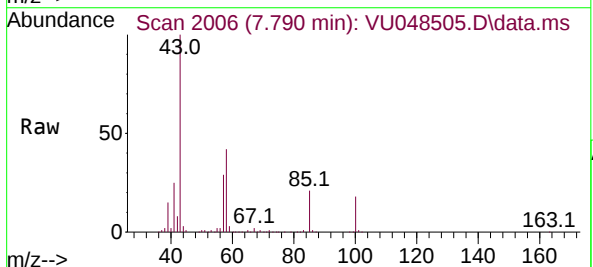
Tgt Ion: 43 Resp: 357937

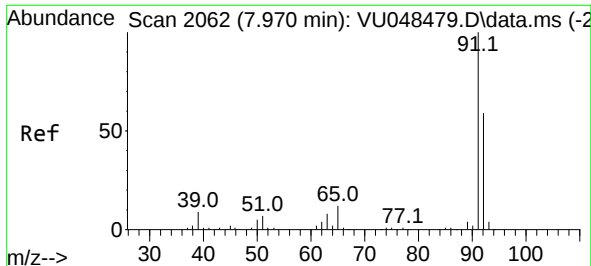
Ion Ratio Lower Upper

43 100

58 41.6 31.0 46.4

100 17.1 11.2 16.8#

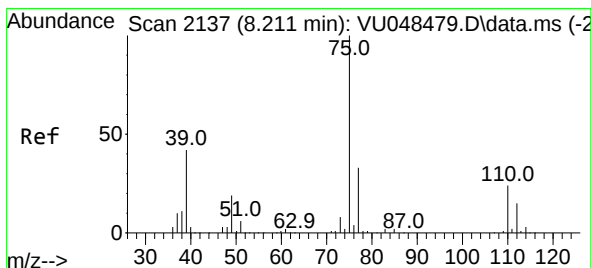
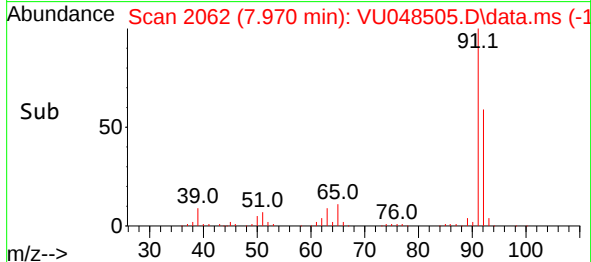
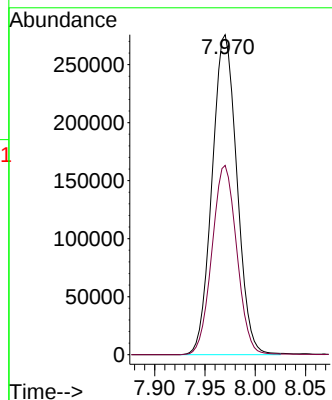
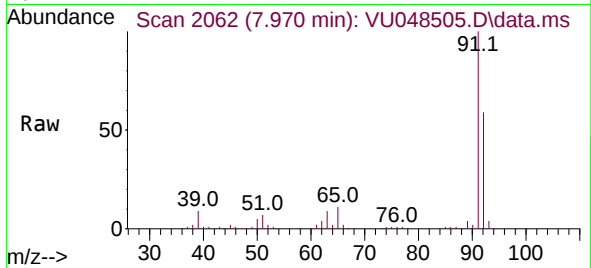




#42
Toluene
Concen: 49.007 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

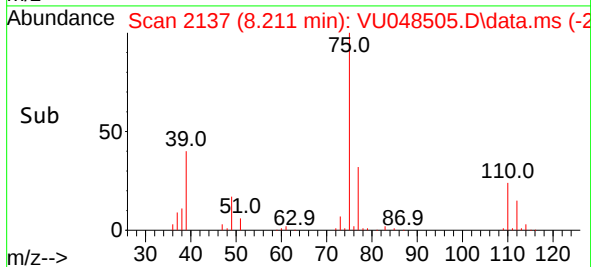
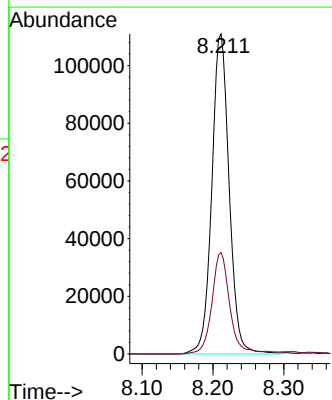
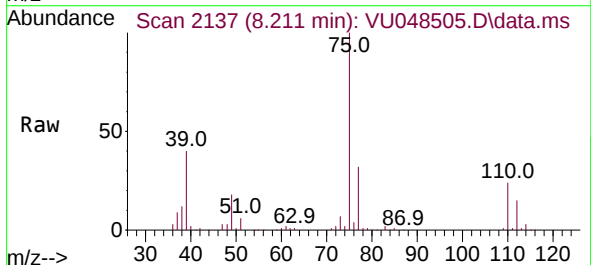
Instrument :
MSVOA_U
ClientSampleId :

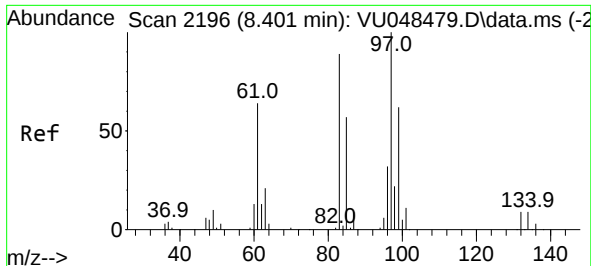
Tgt Ion: 91 Resp: 474035
Ion Ratio Lower Upper
91 100
92 59.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 52.261 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

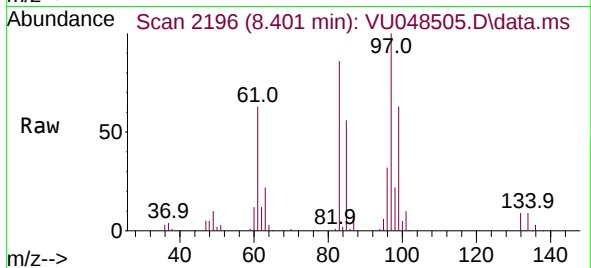
Tgt Ion: 75 Resp: 188958
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



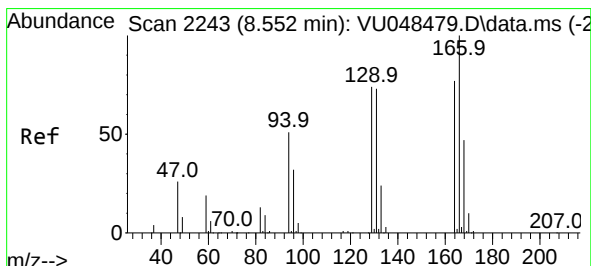
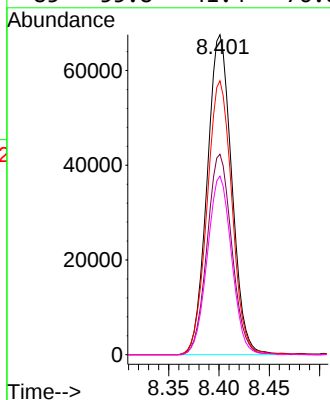
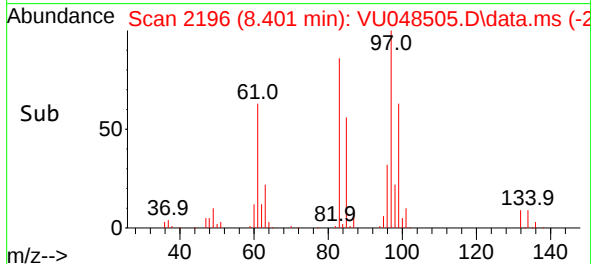


#45
1,1,2-Trichloroethane
Concen: 48.724 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

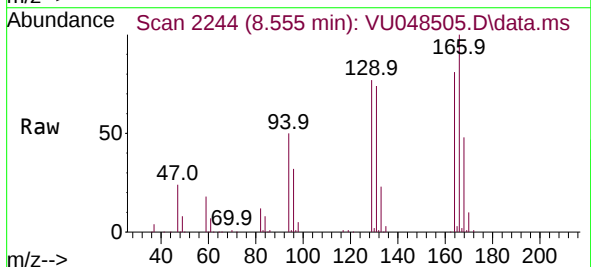
Instrument :
MSVOA_U
ClientSampleId :



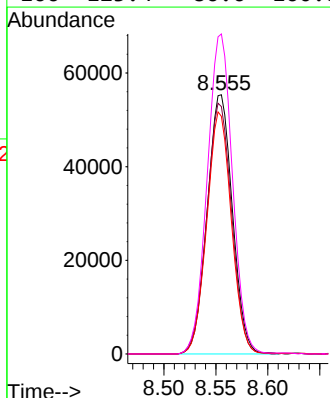
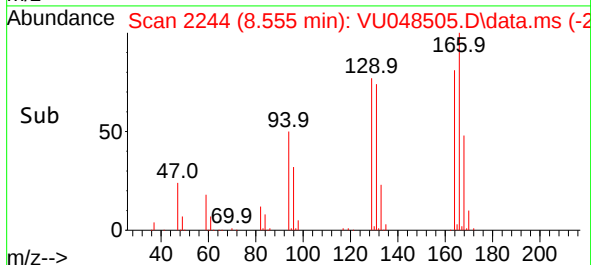
Tgt Ion:	97	Resp:	115259
Ion Ratio	100	Lower	Upper
97	100		
99	62.6	43.5	80.9
83	85.6	60.5	112.5
85	55.8	41.4	76.8

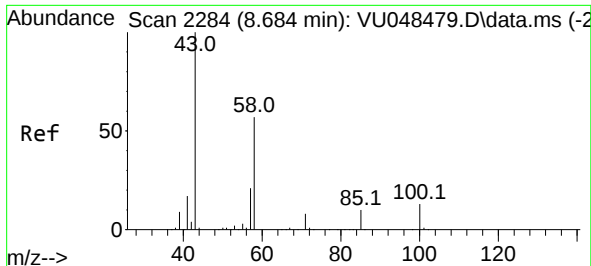


#46
Tetrachloroethene
Concen: 54.132 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41



Tgt Ion:	164	Resp:	93684
Ion Ratio	100	Lower	Upper
164	100		
129	95.4	69.2	128.6
131	91.7	65.2	121.0
166	123.4	86.6	160.8

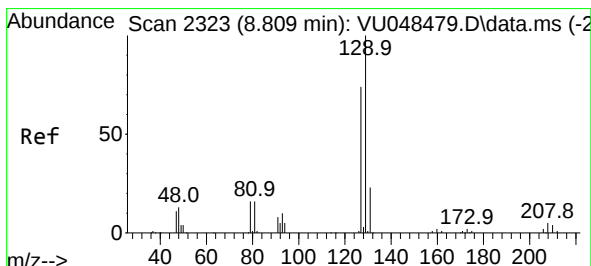
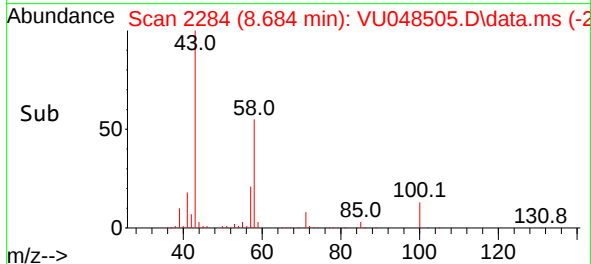
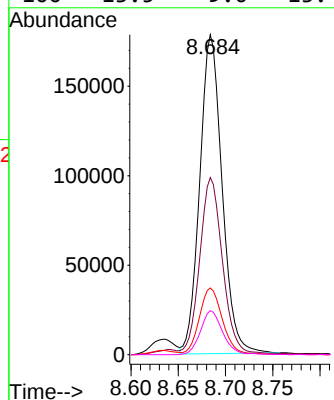
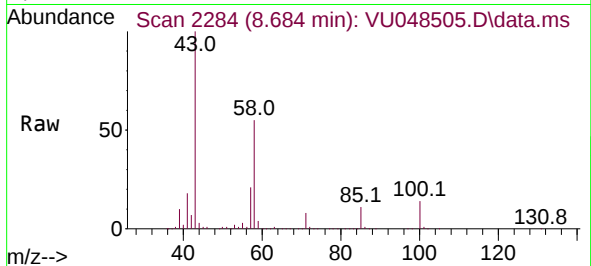




#48
2-Hexanone
Concen: 84.213 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

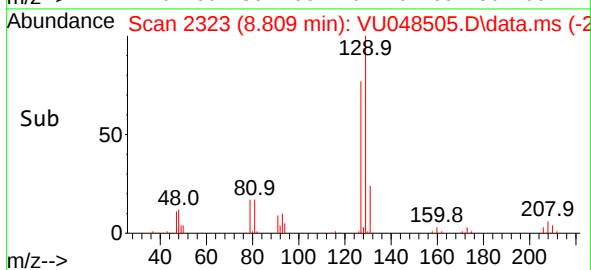
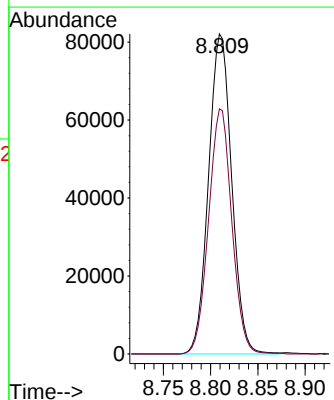
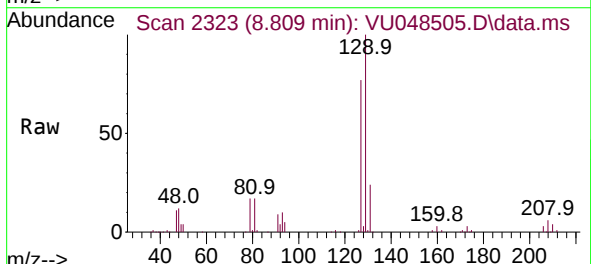
Instrument :
MSVOA_U
ClientSampleId :

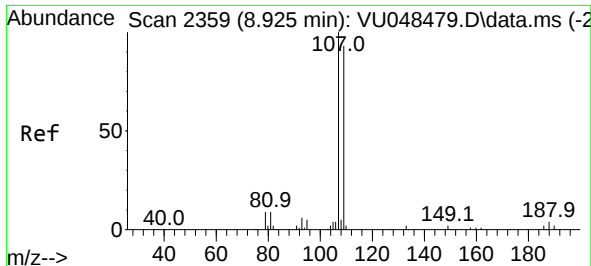
Tgt Ion: 43 Resp: 293324
Ion Ratio Lower Upper
43 100
58 55.8 44.3 66.5
57 20.7 15.7 23.5
100 13.5 9.0 13.4#



#49
Dibromochloromethane
Concen: 55.052 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion: 129 Resp: 139855
Ion Ratio Lower Upper
129 100
127 76.6 55.2 102.4





#50

1,2-Dibromoethane

Concen: 51.160 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

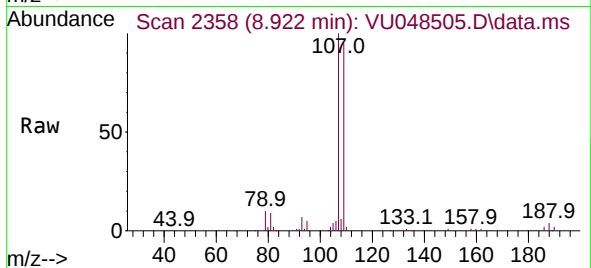
Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :



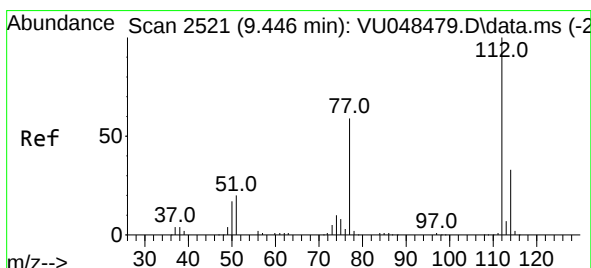
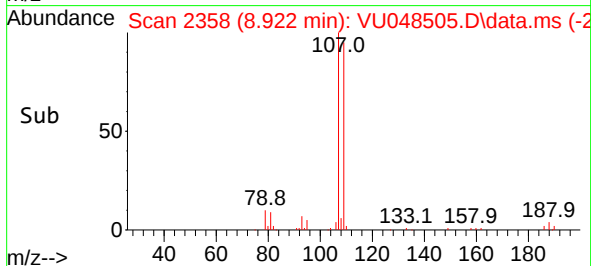
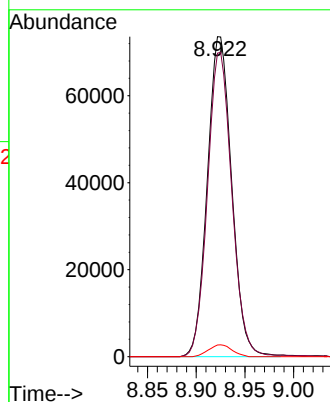
Tgt Ion:107 Resp: 127929

Ion Ratio Lower Upper

107 100

109 94.9 65.7 122.1

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 50.900 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

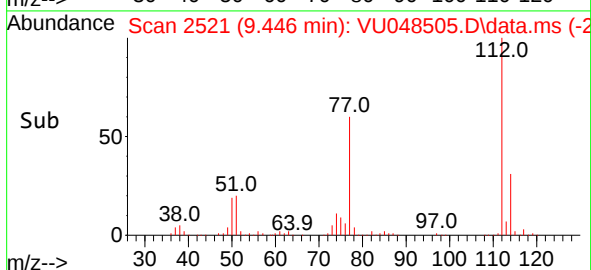
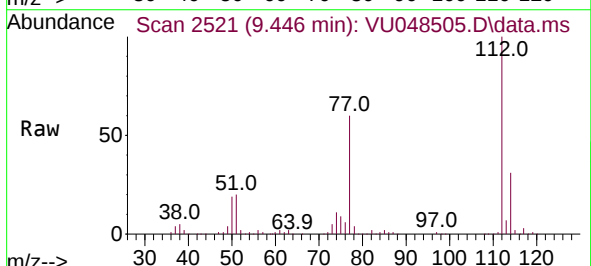
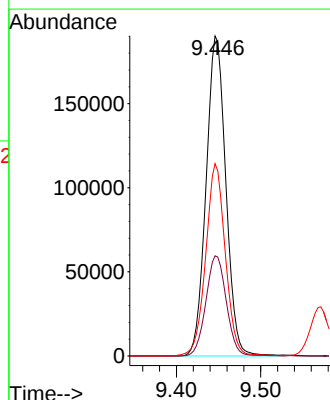
Tgt Ion:112 Resp: 310219

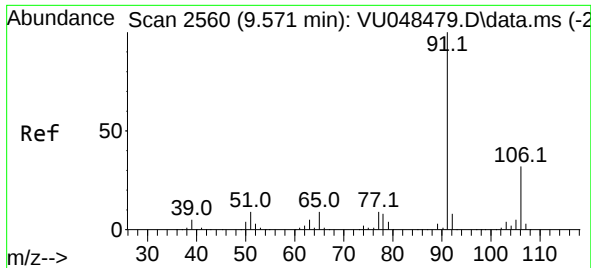
Ion Ratio Lower Upper

112 100

114 31.3 23.0 42.6

77 60.1 48.4 72.6

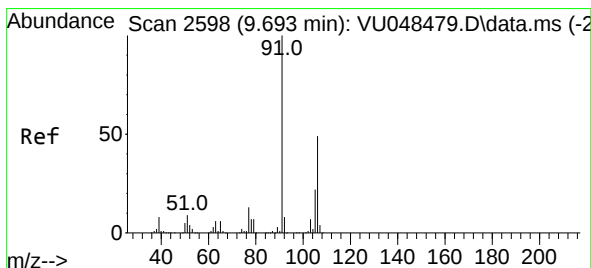
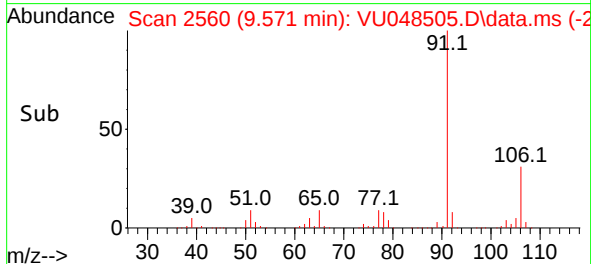
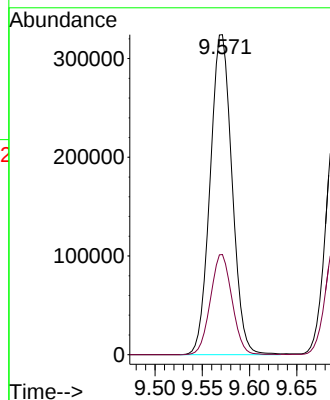
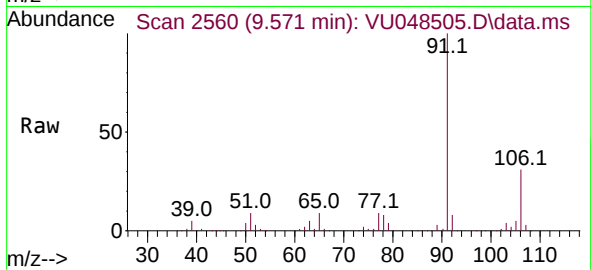




#52
Ethylbenzene
Concen: 51.820 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

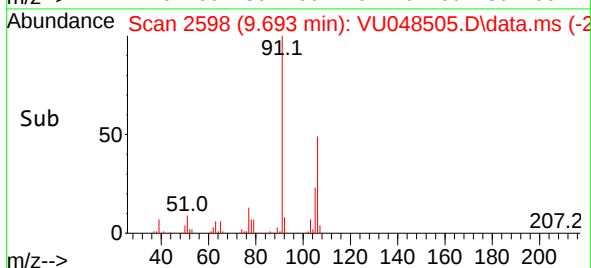
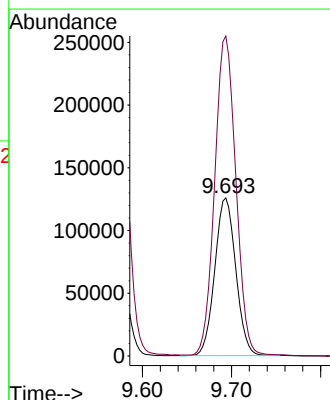
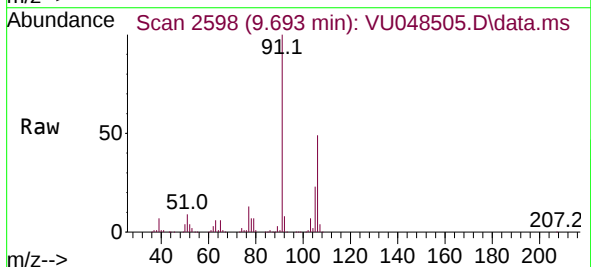
Instrument :
MSVOA_U
ClientSampleId :

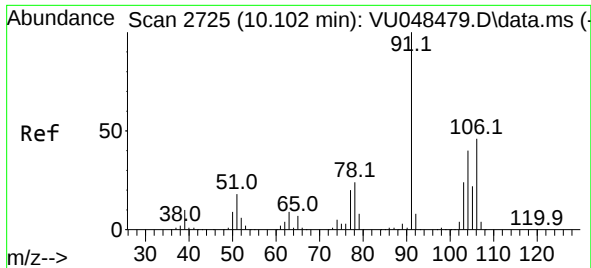
Tgt Ion: 91 Resp: 522148
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 53.034 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion:106 Resp: 206267
Ion Ratio Lower Upper
106 100
91 202.4 144.1 267.7

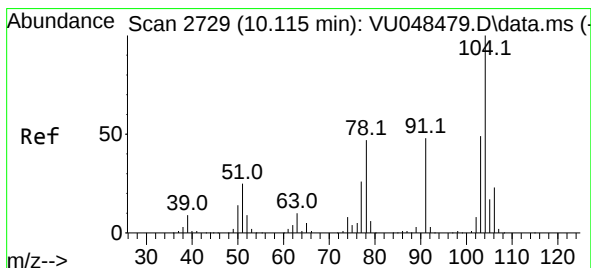
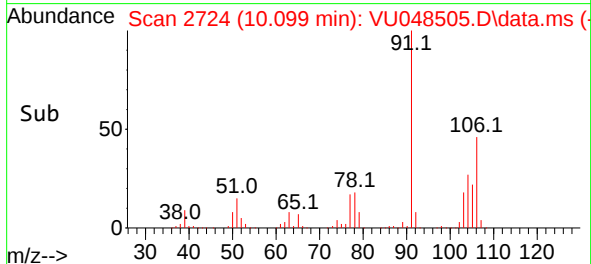
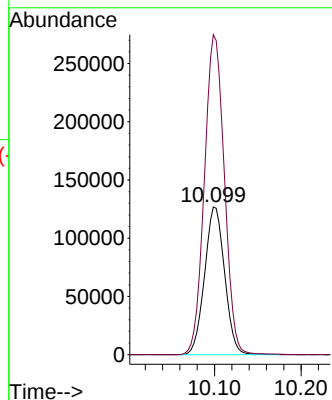
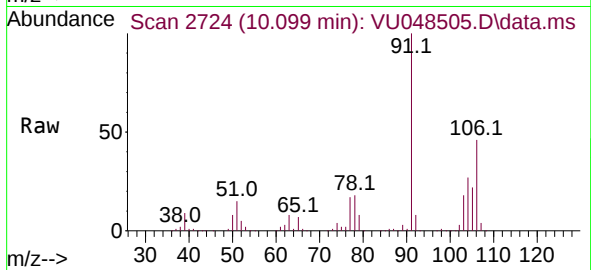




#54
o-Xylene
Concen: 52.087 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

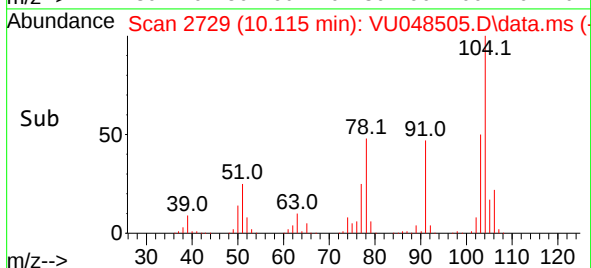
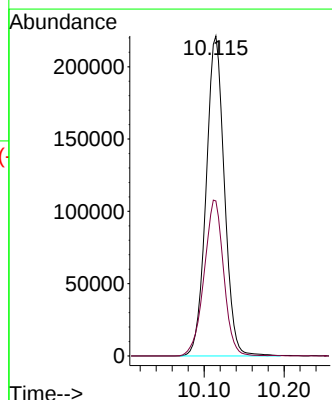
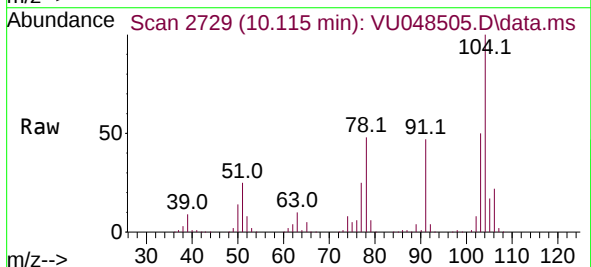
Instrument :
MSVOA_U
ClientSampleId :

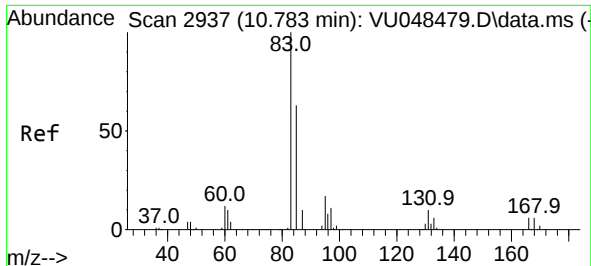
Tgt Ion:106 Resp: 203814
Ion Ratio Lower Upper
106 100
91 216.6 148.8 276.4



#55
Styrene
Concen: 55.242 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion:104 Resp: 351453
Ion Ratio Lower Upper
104 100
78 48.5 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 44.694 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

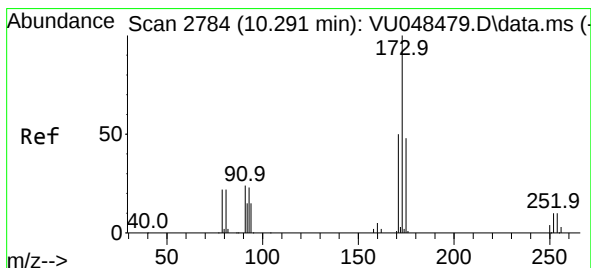
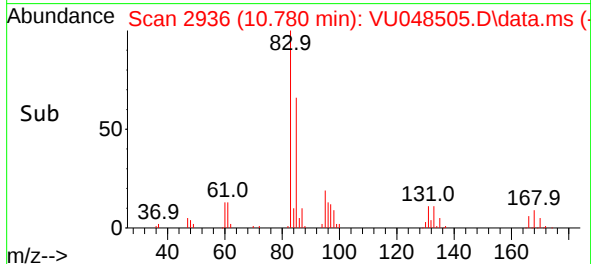
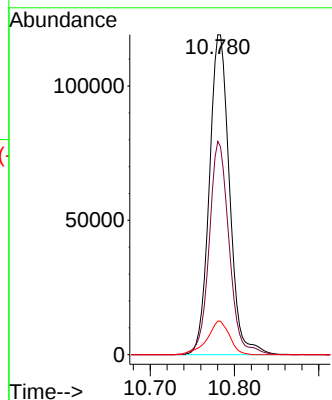
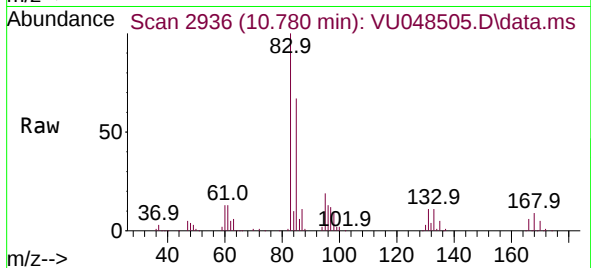
Tgt Ion: 83 Resp: 198156

Ion Ratio Lower Upper

83 100

85 66.7 45.4 84.4

131 10.5 7.4 11.0



#59

Bromoform

Concen: 49.719 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

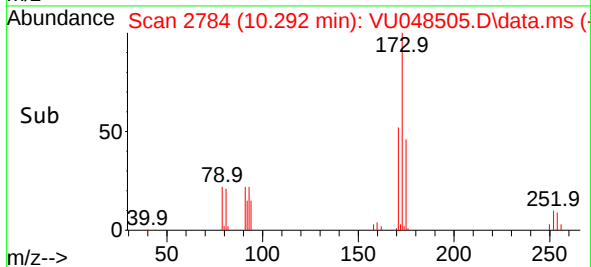
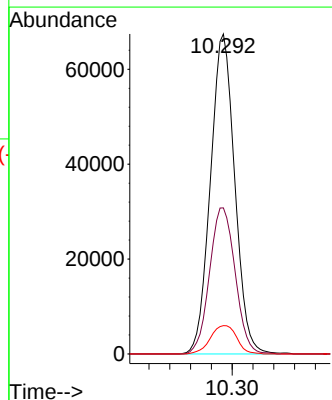
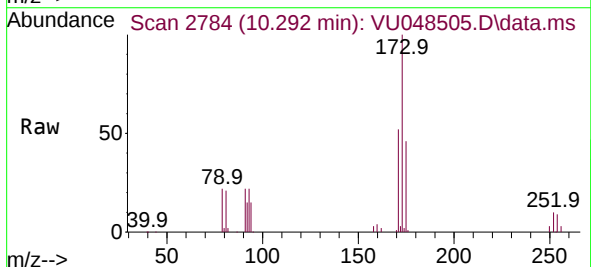
Tgt Ion:173 Resp: 109404

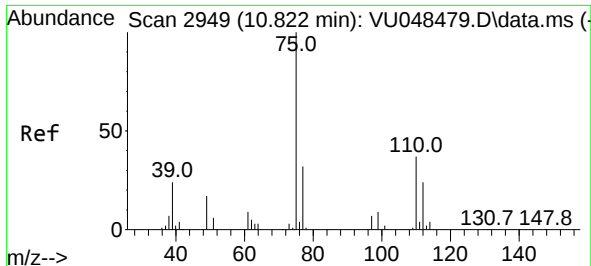
Ion Ratio Lower Upper

173 100

175 48.1 39.1 58.7

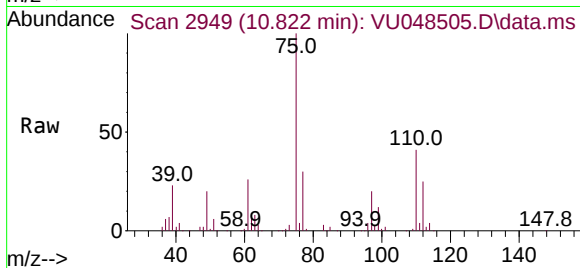
254 9.6 7.3 10.9



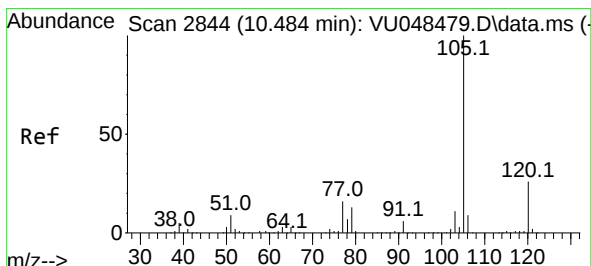
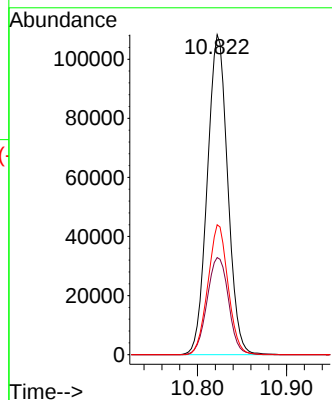
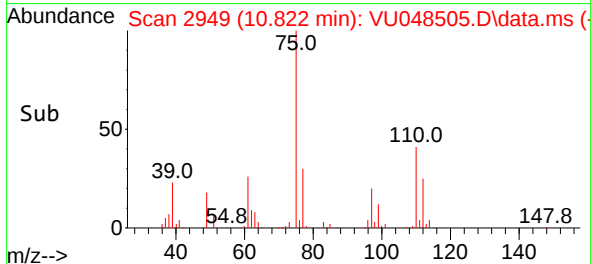


#60
1,2,3-Trichloropropane
Concen: 42.445 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

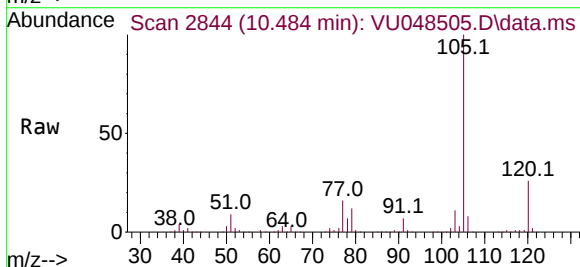
Instrument :
MSVOA_U
ClientSampleId :



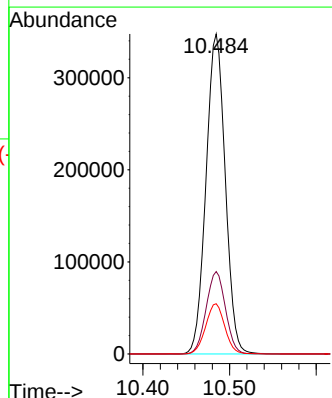
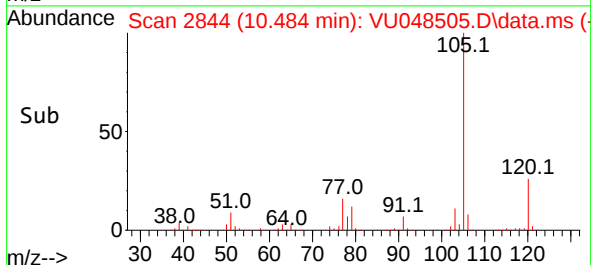
Tgt Ion: 75 Resp: 171904
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 40.1 28.9 43.3

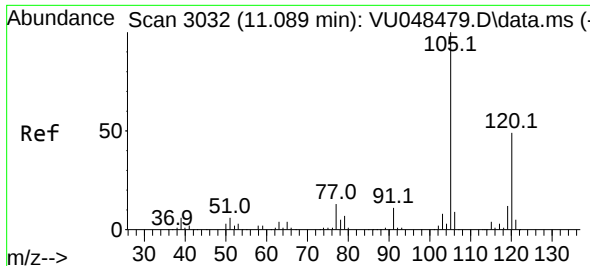


#61
Isopropylbenzene
Concen: 49.191 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41



Tgt Ion: 105 Resp: 534809
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.7 12.5 18.7

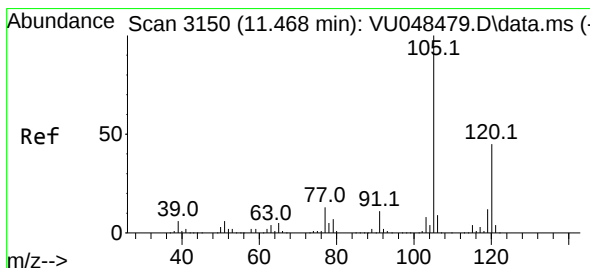
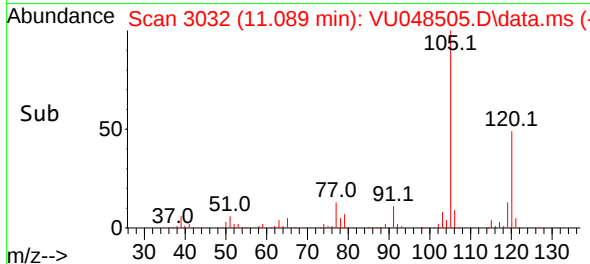
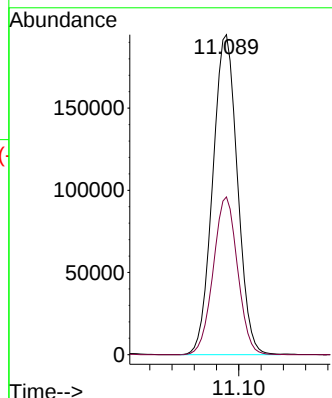
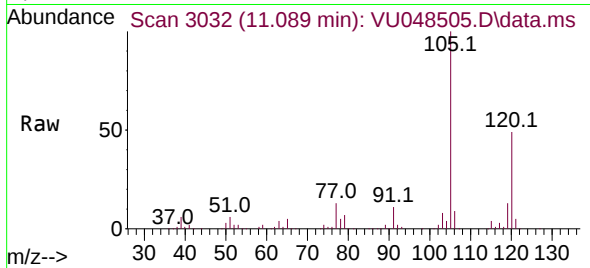




#62
 1,3,5-Trimethylbenzene
 Concen: 50.057 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048505.D
 Acq: 10 May 2022 20:41

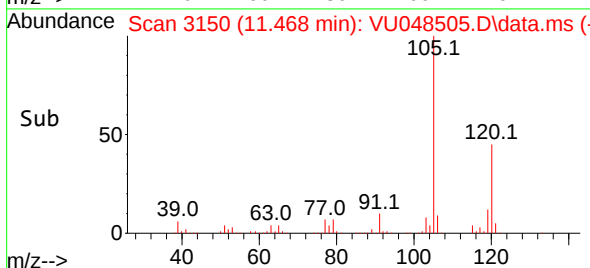
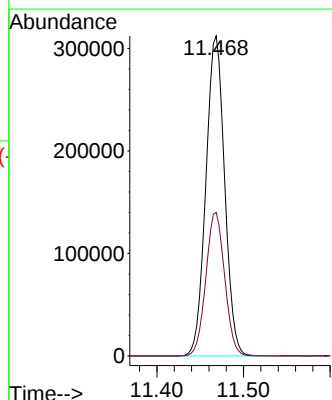
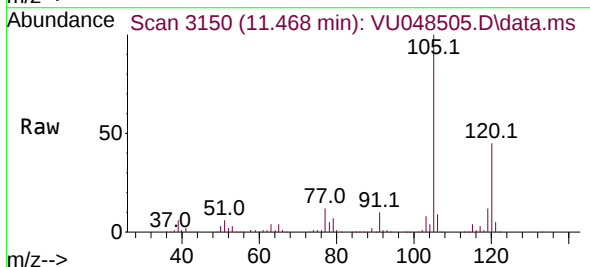
Instrument :
 MSVOA_U
 ClientSampleId :

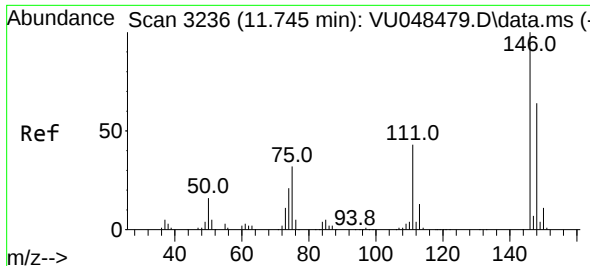
Tgt Ion:105 Resp: 300002
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 52.501 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048505.D
 Acq: 10 May 2022 20:41

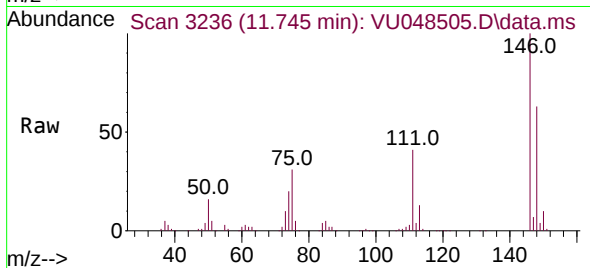
Tgt Ion:105 Resp: 468604
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.4 53.2



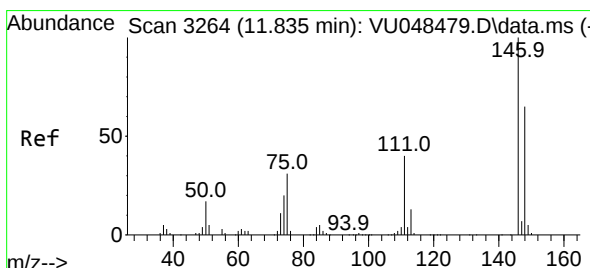
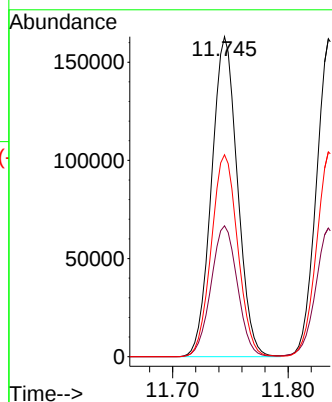
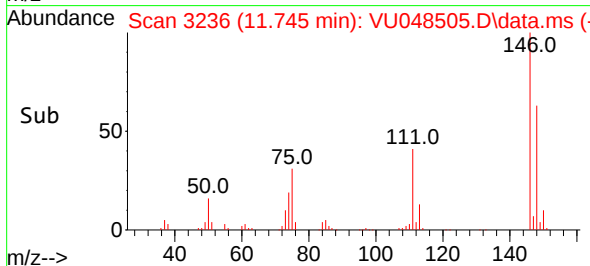


#64
1,3-Dichlorobenzene
Concen: 49.557 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

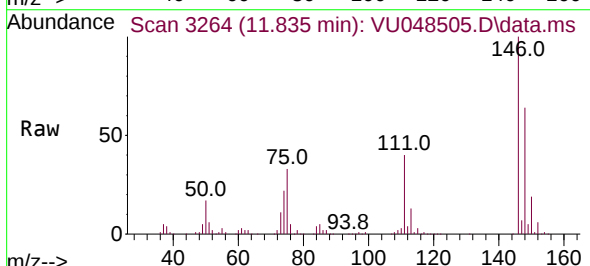
Instrument :
MSVOA_U
ClientSampleId :



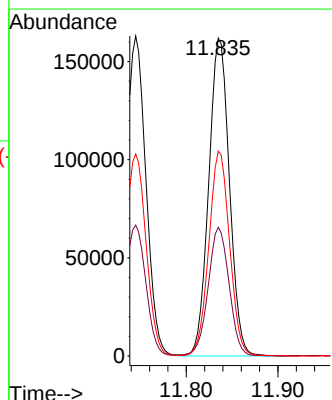
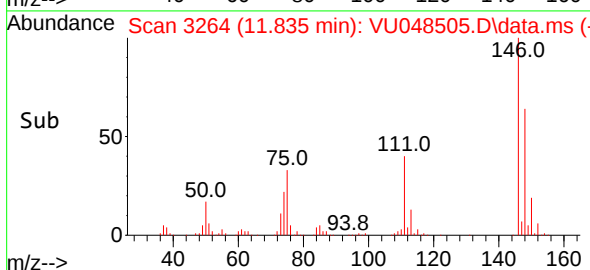
Tgt Ion:146 Resp: 254109
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 63.1 44.7 83.1

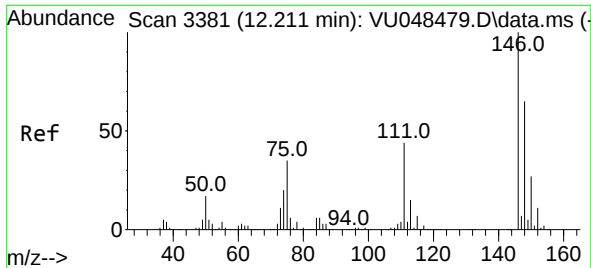


#65
1,4-Dichlorobenzene
Concen: 49.458 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41



Tgt Ion:146 Resp: 254262
Ion Ratio Lower Upper
146 100
111 40.5 28.4 52.8
148 64.5 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 48.844 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

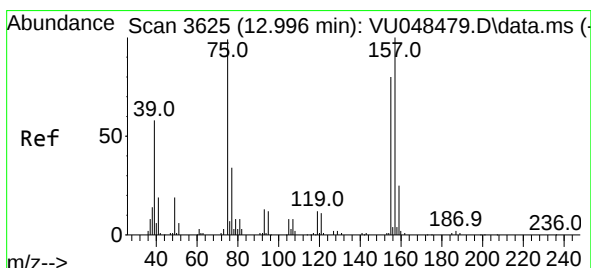
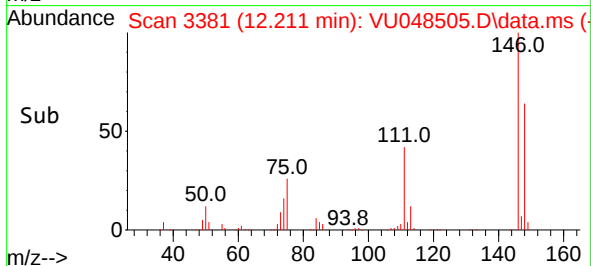
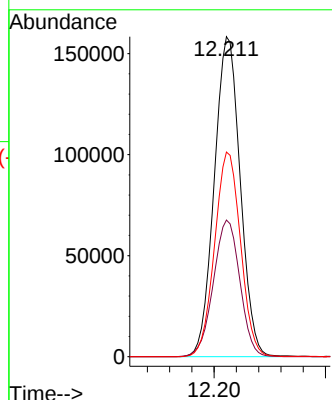
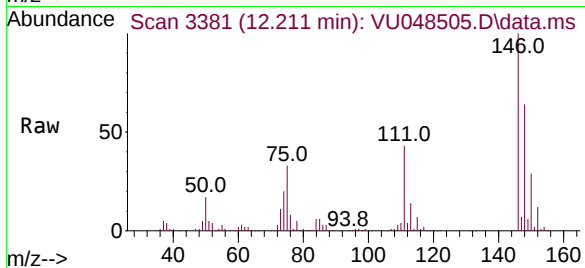
Tgt Ion:146 Resp: 256298

Ion Ratio Lower Upper

146 100

111 42.7 34.9 52.3

148 64.0 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 53.239 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

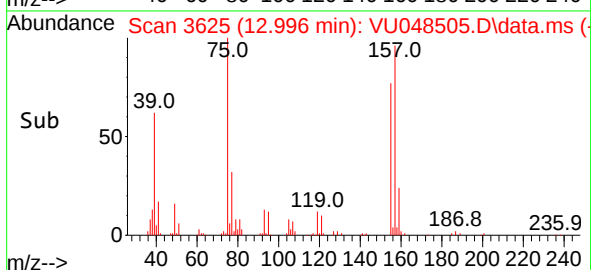
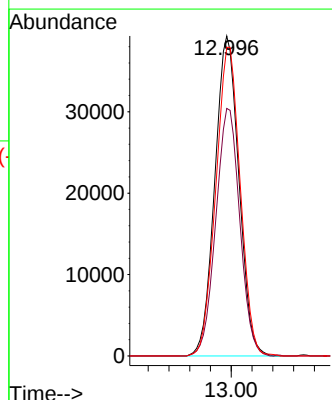
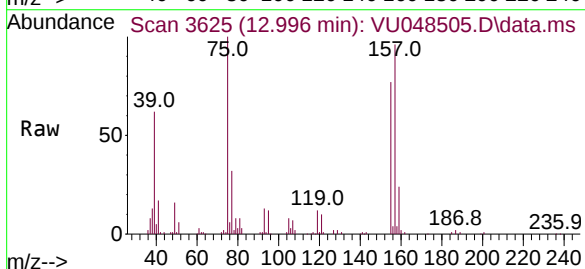
Tgt Ion: 75 Resp: 63197

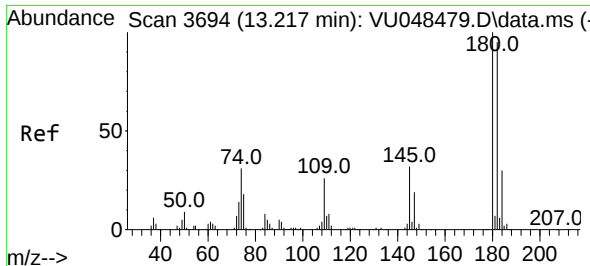
Ion Ratio Lower Upper

75 100

155 77.3 63.4 95.0

157 96.4 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 53.647 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

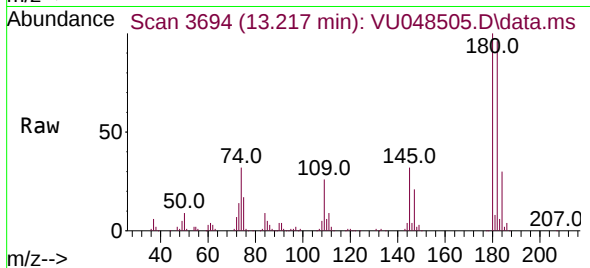
Lab File: VU048505.D

Acq: 10 May 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 194497

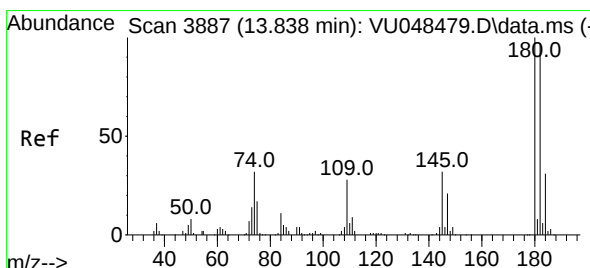
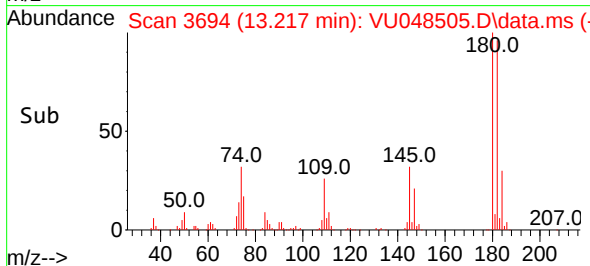
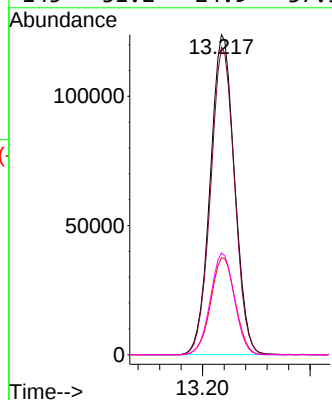
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

184 30.5 23.8 35.8

145 31.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 55.638 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU048505.D

Acq: 10 May 2022 20:41

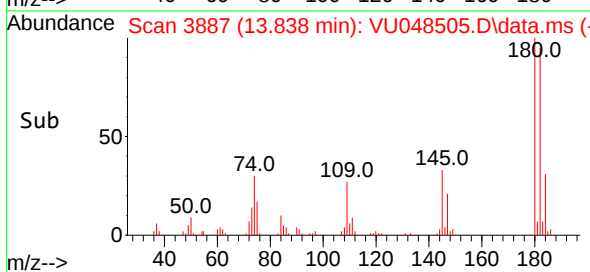
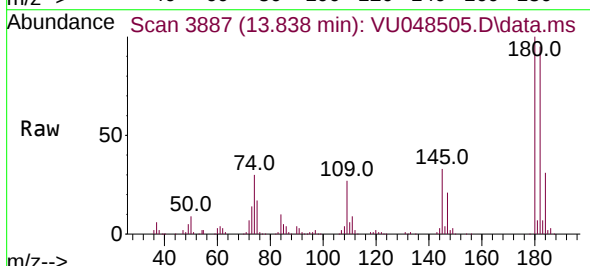
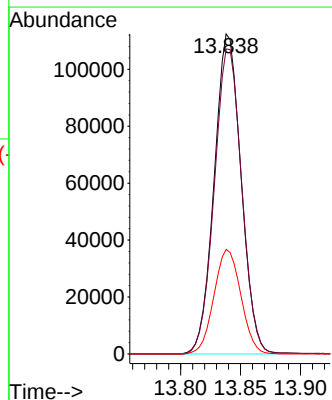
Tgt Ion:180 Resp: 175176

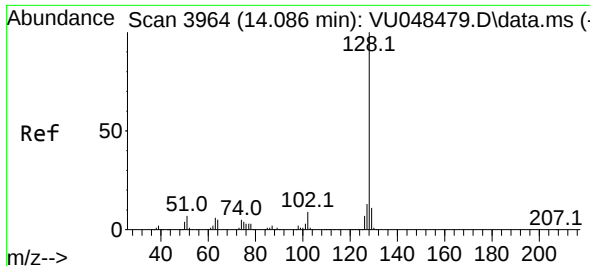
Ion Ratio Lower Upper

180 100

182 97.1 77.1 115.7

145 32.6 24.9 37.3

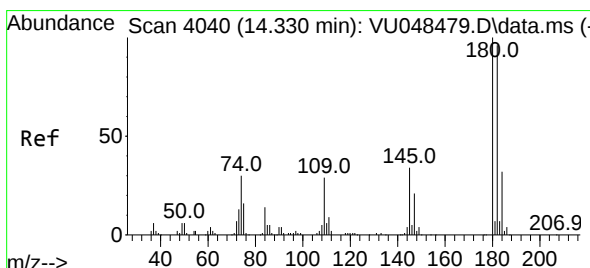
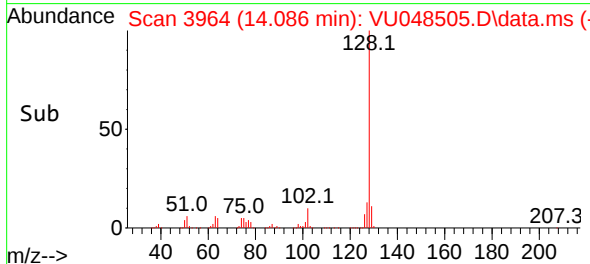
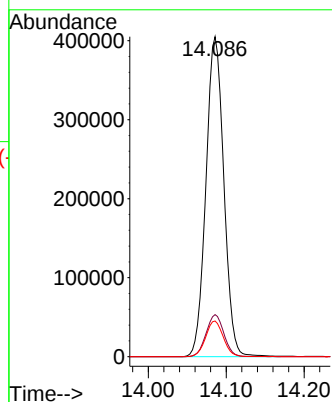
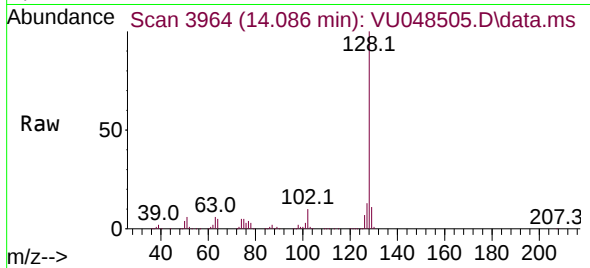




#71
Naphthalene
Concen: 53.313 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 646404
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.100 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048505.D
Acq: 10 May 2022 20:41

Tgt Ion:180 Resp: 184510
Ion Ratio Lower Upper
180 100
182 93.9 75.4 113.2
145 33.3 26.4 39.6

