

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048455.D
 Acq On : 06 May 2022 14:34
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100065

Quant Time: May 06 23:21:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	411085	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	359885	96.650	ug/L	0.00
7) Chloroethane-d5	1.896	69	236495	91.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	630130	103.743	ug/L	0.00
21) 2-Butanone-d5	4.620	46	642684	203.726	ug/L	0.00
24) Chloroform-d	5.063	84	624081	93.151	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	401907	99.181	ug/L	0.00
32) Benzene-d6	5.726	84	1244503	97.399	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	410113	96.760	ug/L	0.00
41) Toluene-d8	7.899	98	1130871	98.249	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	193261	103.086	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	447601	204.567	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	651091	90.536	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	437945	89.190	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	359197	113.747	ug/L	100
3) Chloromethane	1.523	50	416453	114.708	ug/L	98
5) Vinyl chloride	1.604	62	395435	109.765	ug/L	99
6) Bromomethane	1.835	94	201903	115.182	ug/L	100
8) Chloroethane	1.919	64	212888	106.451	ug/L	98
9) Trichlorofluoromethane	2.131	101	506905	108.429	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	287870	94.806	ug/L	99
12) 1,1-Dichloroethene	2.578	96	283378	105.191	ug/L	97
13) Acetone	2.623	43	395927	193.006	ug/L	99
14) Carbon disulfide	2.793	76	876845	127.010	ug/L	100
15) Methyl Acetate	2.944	43	461530	111.807	ug/L	98
16) Methylene chloride	3.044	84	348063	101.728	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	300036	106.626	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	1047572	113.185	ug/L	99
19) 1,1-Dichloroethane	3.867	63	618062	105.615	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	344089	103.848	ug/L	97
22) 2-Butanone	4.697	43	683637	225.450	ug/L	99
23) Bromochloromethane	4.973	128	180412	98.686	ug/L	97
25) Chloroform	5.089	83	608141	102.594	ug/L	100
27) 1,2-Dichloroethane	5.793	62	503100	113.350	ug/L	99
29) Cyclohexane	5.388	56	564854	136.099	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	537629	113.083	ug/L	98
31) Carbon tetrachloride	5.523	117	467269	115.237	ug/L	98
33) Benzene	5.774	78	1362309	111.417	ug/L	100
34) Trichloroethene	6.542	95	331875	110.520	ug/L	98
35) Methylcyclohexane	6.764	83	548402	125.984	ug/L	99
37) 1,2-Dichloropropane	6.790	63	381081	109.733	ug/L	99
38) Bromodichloromethane	7.105	83	467270	107.101	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	574905	116.884	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1303827	249.934	ug/L	99
42) Toluene	7.970	91	1436644	112.679	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	553037	116.063	ug/L	99

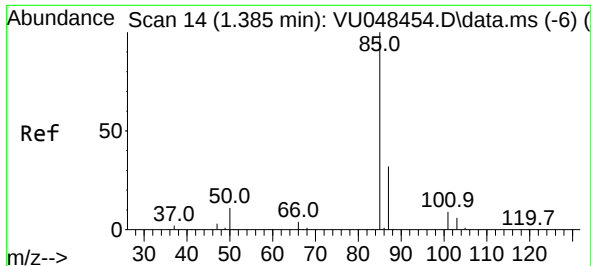
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
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 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	343788	97.909	ug/L	98
46) Tetrachloroethene	8.555	164	255161	101.758	ug/L	97
48) 2-Hexanone	8.684	43	1069685	246.799	ug/L	100
49) Dibromochloromethane	8.809	129	385581	99.987	ug/L	99
50) 1,2-Dibromoethane	8.925	107	369068	101.967	ug/L	100
51) Chlorobenzene	9.446	112	908190	101.062	ug/L	99
52) Ethylbenzene	9.571	91	1566111	118.284	ug/L	100
53) m,p-Xylene	9.693	106	618648	119.797	ug/L	100
54) o-Xylene	10.102	106	619340	119.224	ug/L	100
55) Styrene	10.115	104	1040354	119.355	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	680408	98.903	ug/L	99
59) Bromoform	10.291	173	305397	96.439	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	547488	104.191	ug/L	100
61) Isopropylbenzene	10.484	105	1572386	122.939	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	886435	130.525	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1363762	132.020	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	718513	104.074	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	710761	100.397	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	727250	99.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	167616	117.623	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	506829	99.591	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	429268	106.070	ug/L	99
71) Naphthalene	14.085	128	1515234	127.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	434604	104.684	ug/L	99

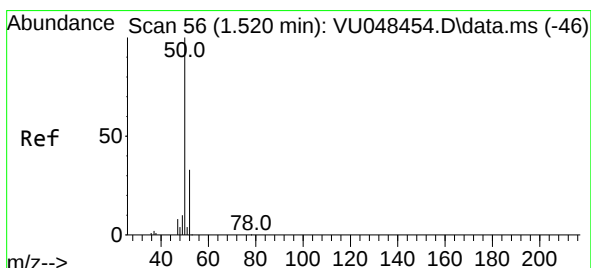
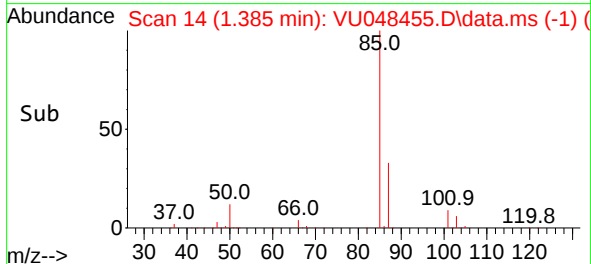
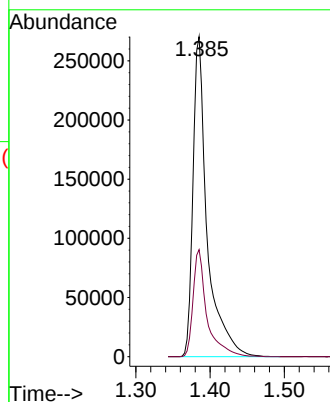
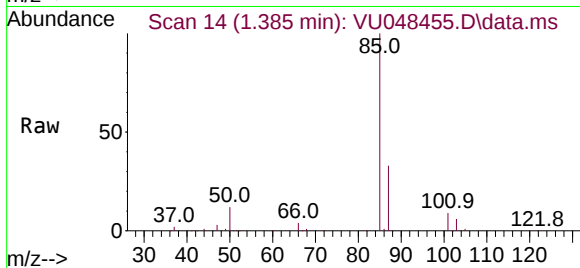
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 113.747 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048455.D
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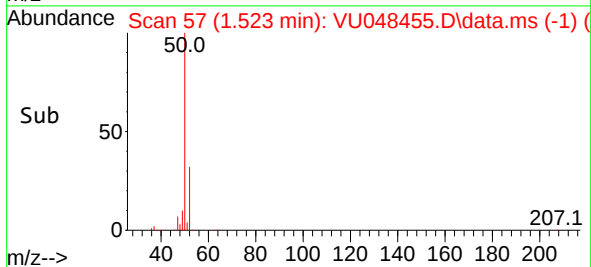
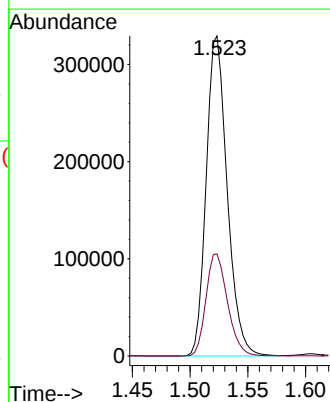
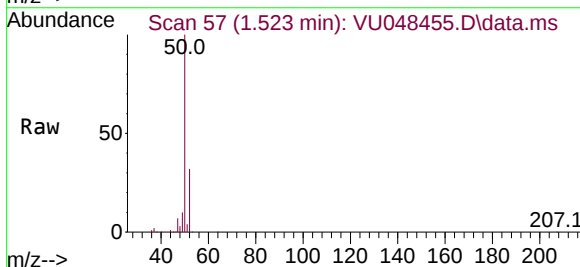
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

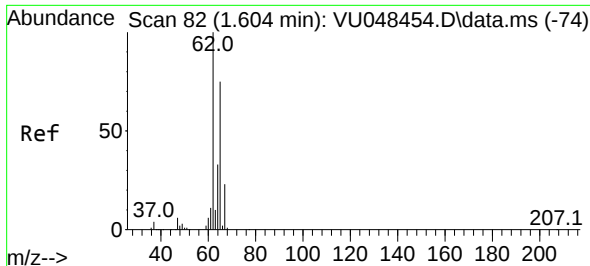
Tgt Ion: 85 Resp: 359197
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 114.708 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 50 Resp: 416453
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8

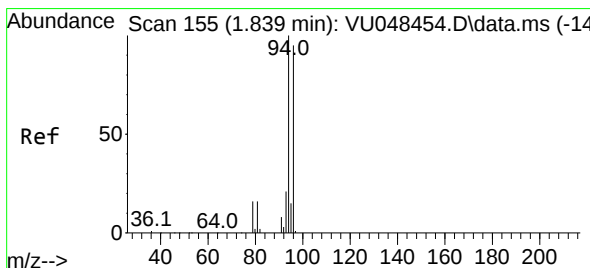
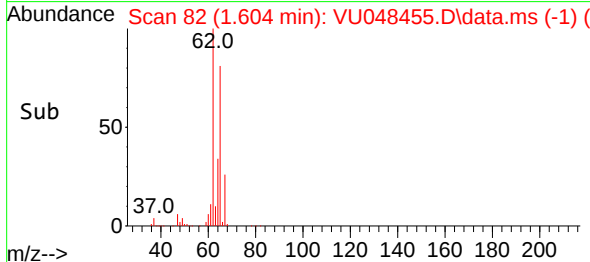
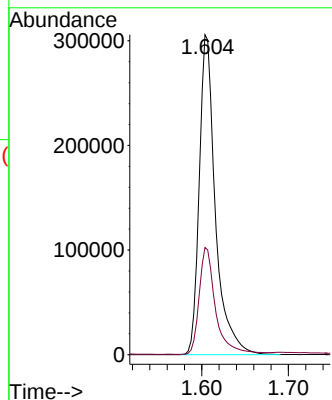
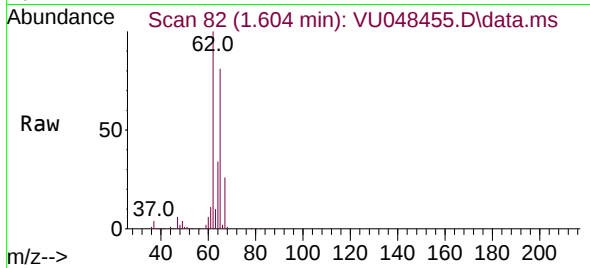




#5
 Vinyl chloride
 Concen: 109.765 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

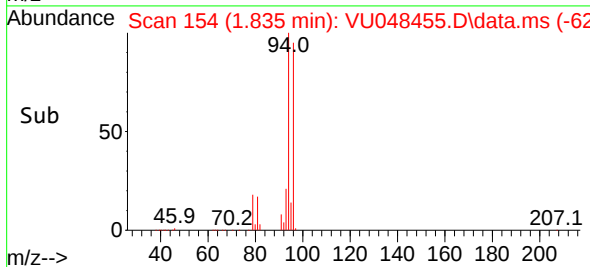
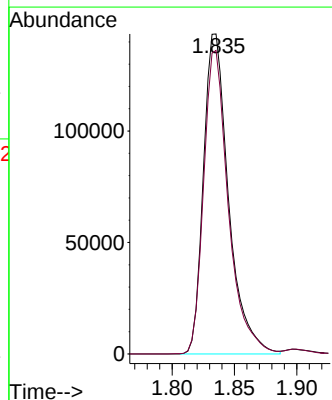
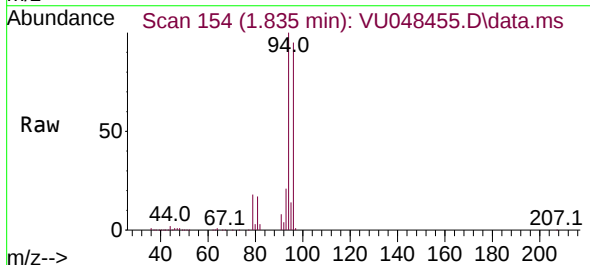
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 ClientSampleId :
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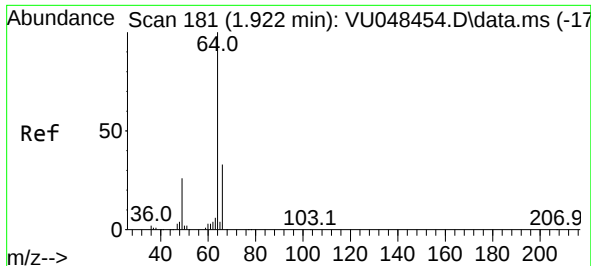
Tgt Ion: 62 Resp: 395435
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 115.182 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.003 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

Tgt Ion: 94 Resp: 201903
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.5 123.5

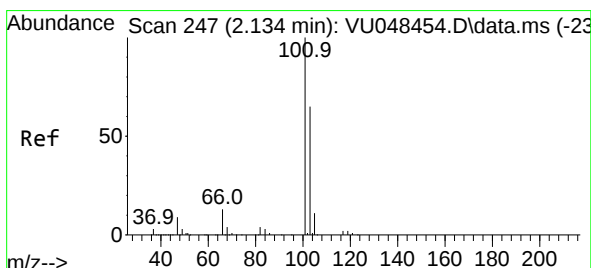
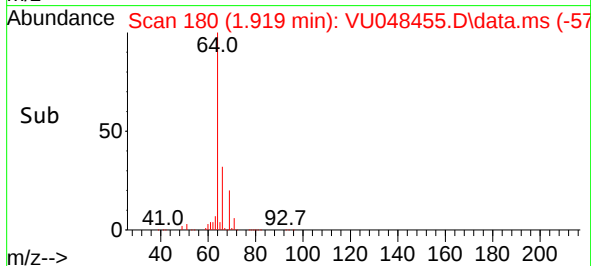
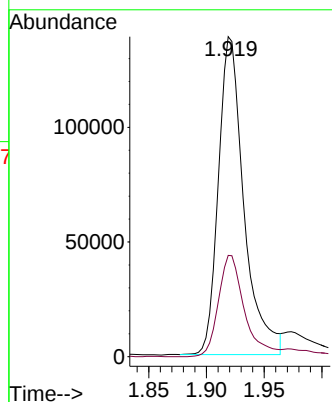
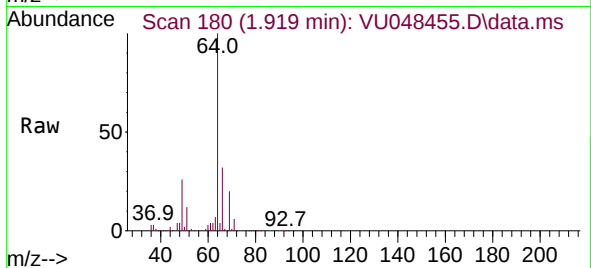




#8
Chloroethane
Concen: 106.451 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

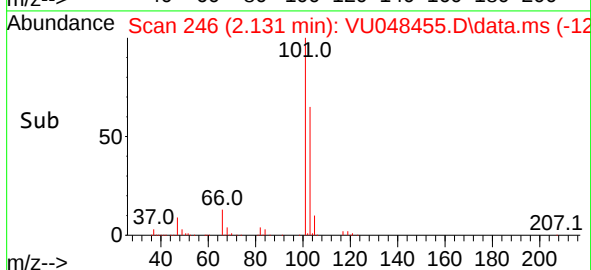
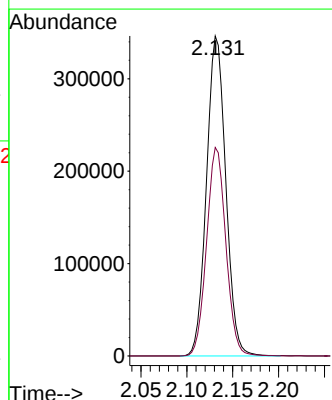
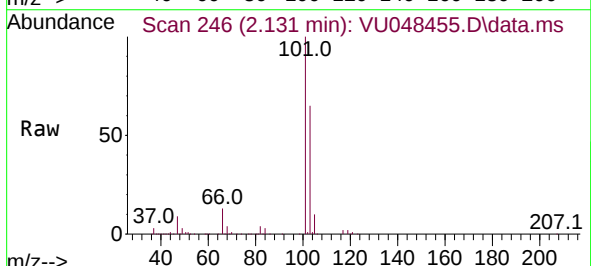
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

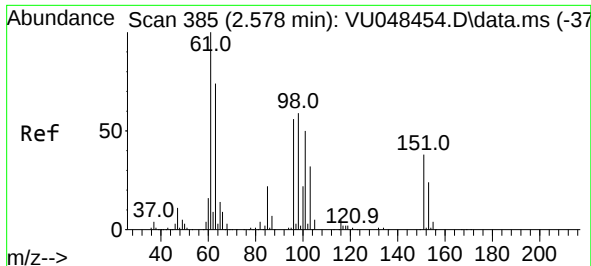
Tgt Ion: 64 Resp: 212888
Ion Ratio Lower Upper
64 100
66 31.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 108.429 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion:101 Resp: 506905
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

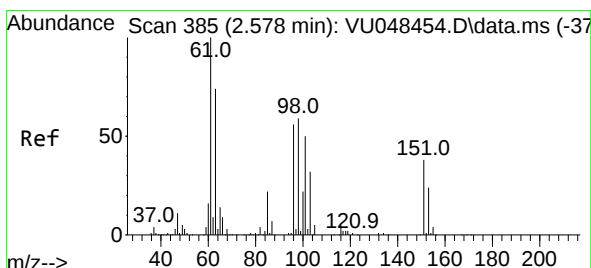
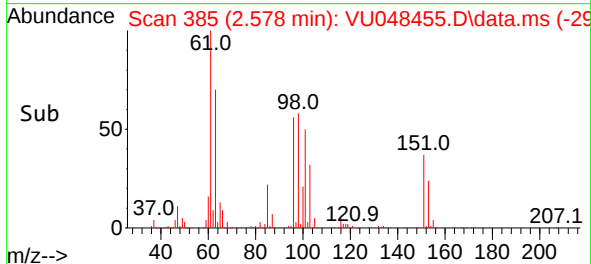
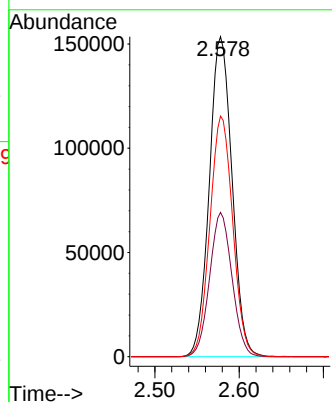
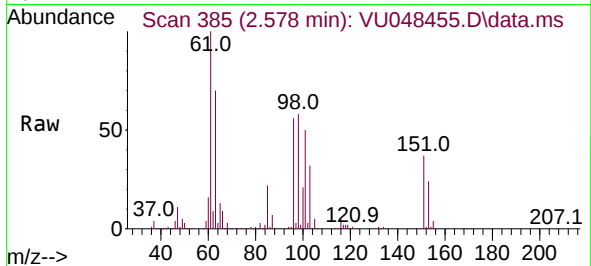




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.806 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

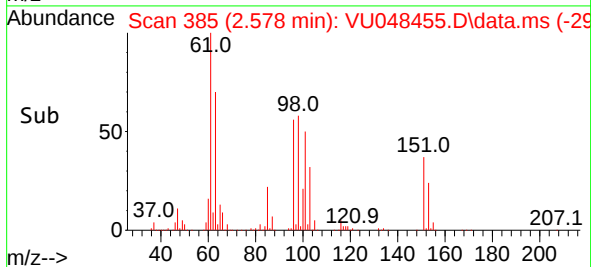
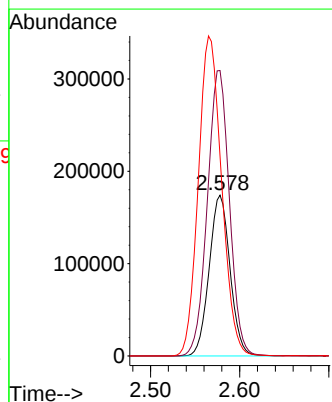
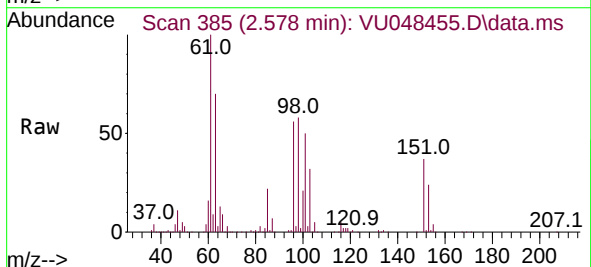
Instrument :
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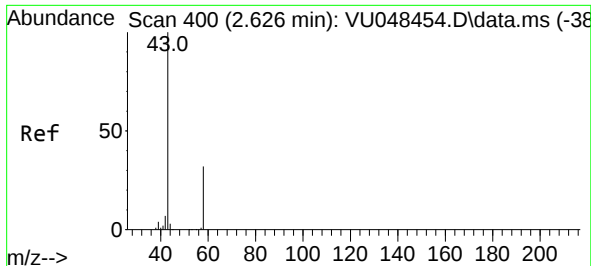
Tgt Ion:101 Resp: 287870
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.8 52.2
 151 75.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 105.191 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

Tgt Ion: 96 Resp: 283378
 Ion Ratio Lower Upper
 96 100
 61 177.6 124.5 231.3
 63 124.2 92.5 171.9





#13

Acetone

Concen: 193.006 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

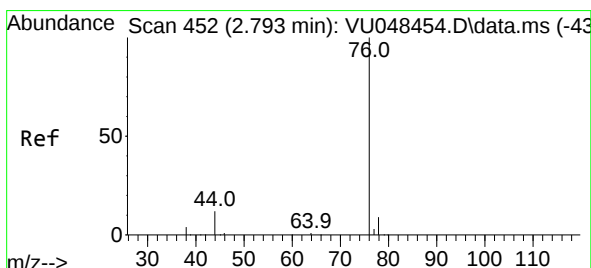
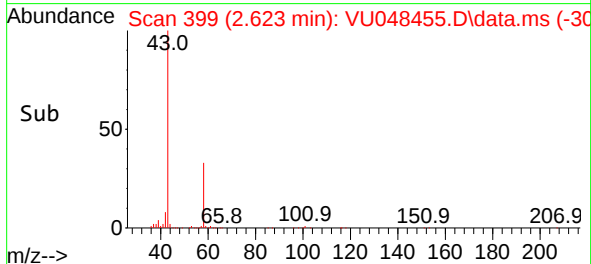
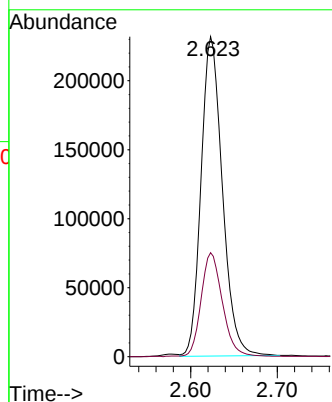
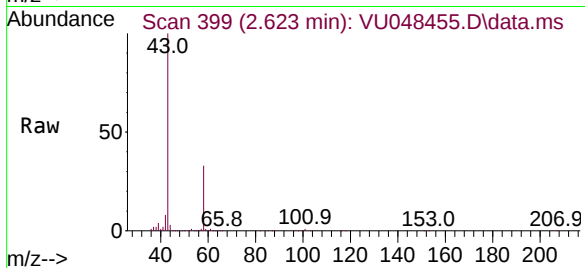
VSTD100065

Tgt Ion: 43 Resp: 395927

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.2



#14

Carbon disulfide

Concen: 127.010 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU048455.D

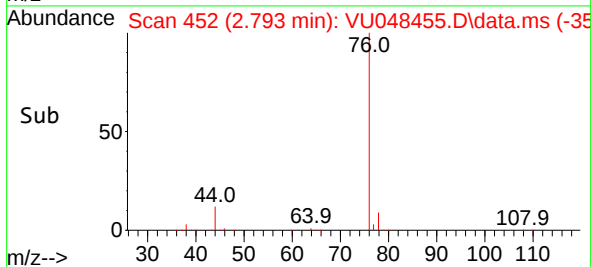
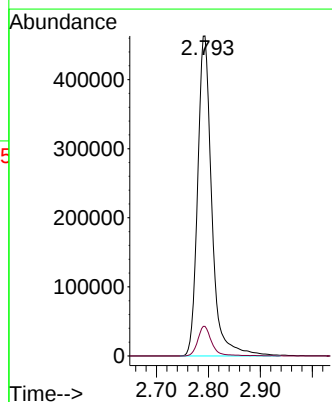
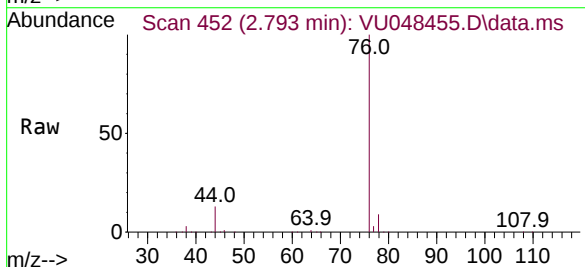
Acq: 06 May 2022 14:34

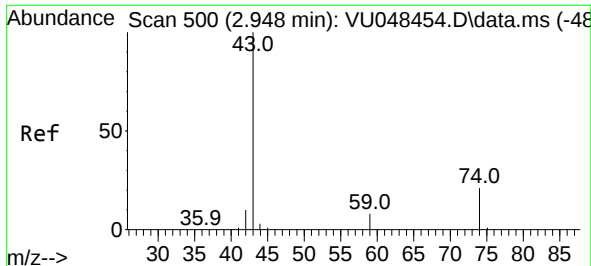
Tgt Ion: 76 Resp: 876845

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

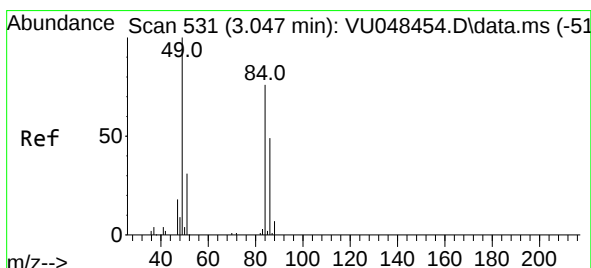
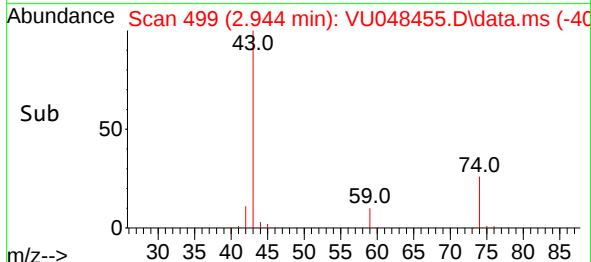
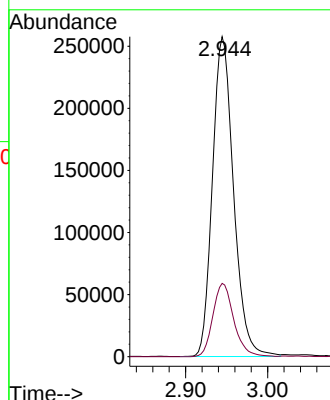
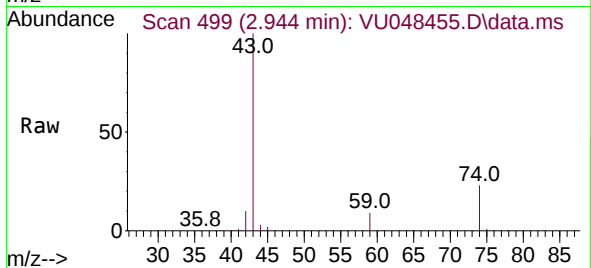




#15
Methyl Acetate
Concen: 111.807 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

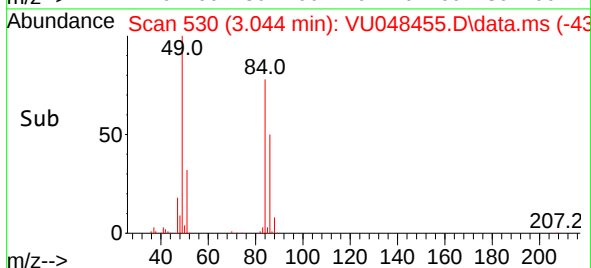
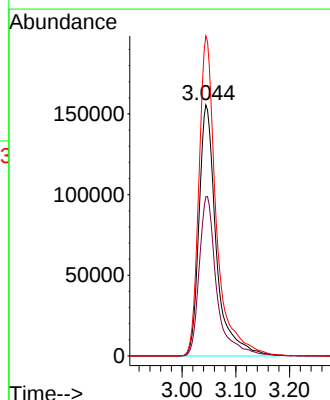
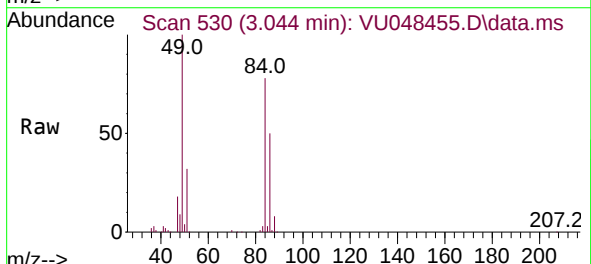
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MSVOA_U
ClientSampleId :
VSTD100065

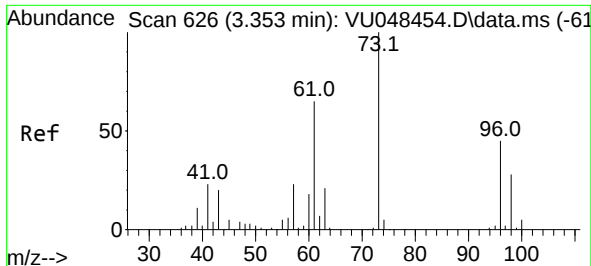
Tgt Ion: 43 Resp: 461530
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4



#16
Methylene chloride
Concen: 101.728 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 84 Resp: 348063
Ion Ratio Lower Upper
84 100
86 63.4 44.8 83.2
49 127.4 92.0 170.8





#17

trans-1,2-Dichloroethene

Concen: 106.626 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

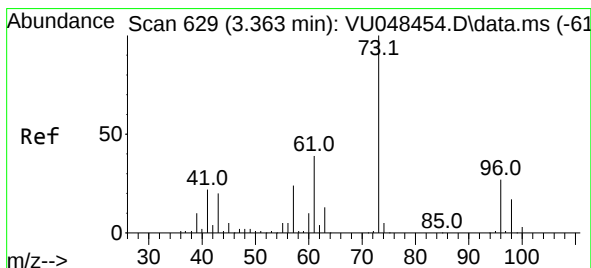
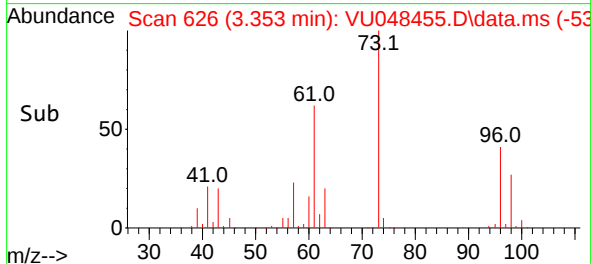
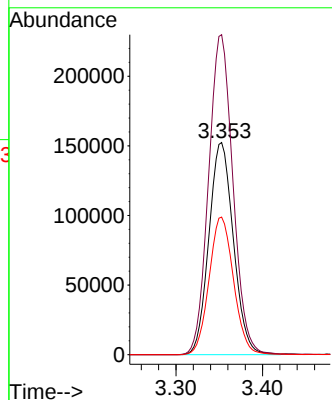
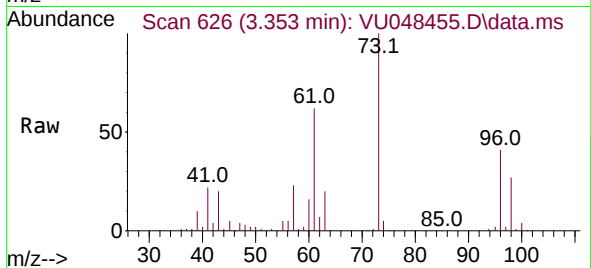
Tgt Ion: 96 Resp: 300036

Ion Ratio Lower Upper

96 100

61 150.8 101.2 187.8

98 64.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 113.185 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

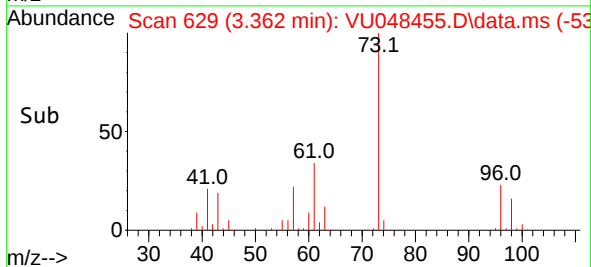
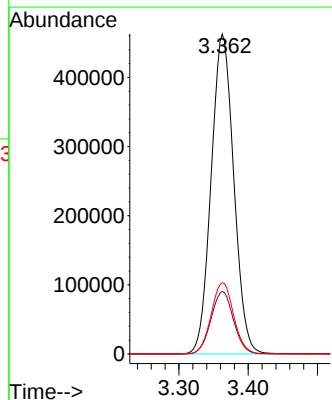
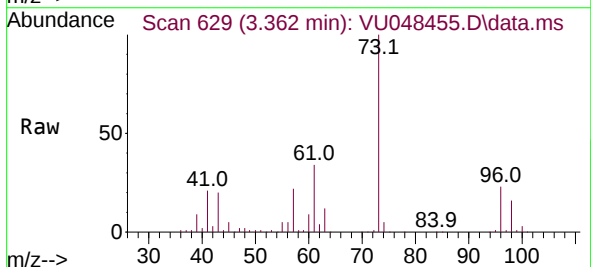
Tgt Ion: 73 Resp: 1047572

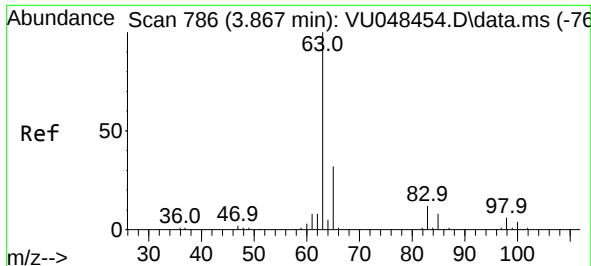
Ion Ratio Lower Upper

73 100

43 19.4 15.6 23.4

57 22.2 18.1 27.1





#19

1,1-Dichloroethane

Concen: 105.615 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

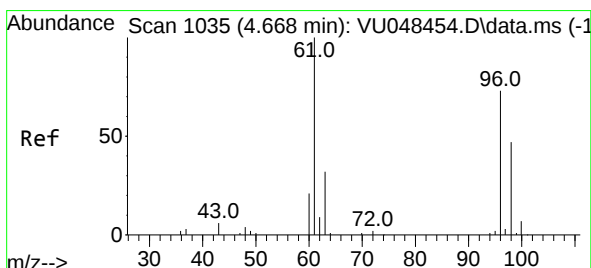
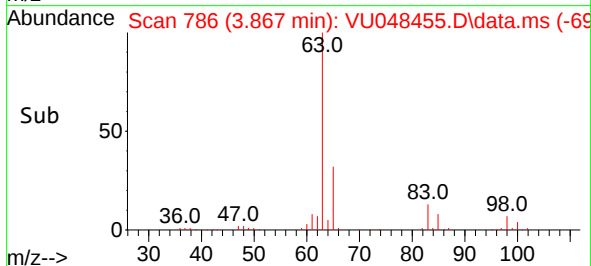
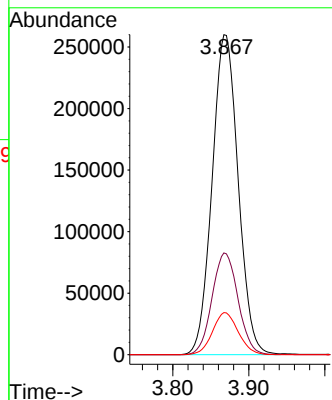
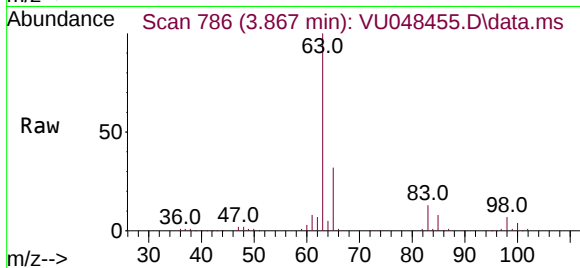
Tgt Ion: 63 Resp: 618062

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.2 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 103.848 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

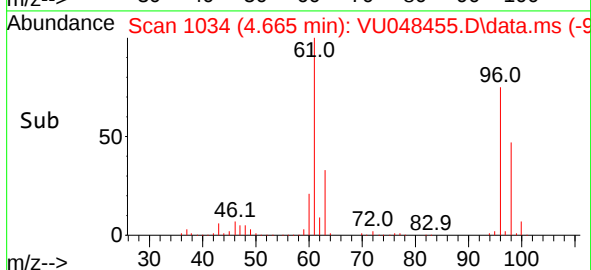
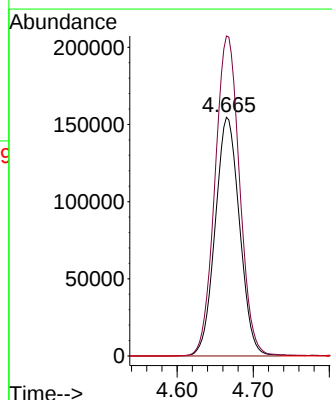
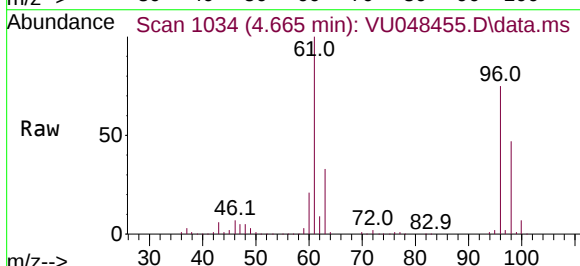
Tgt Ion: 96 Resp: 344089

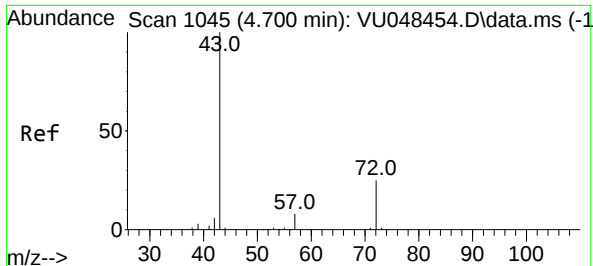
Ion Ratio Lower Upper

96 100

61 134.1 96.2 178.8

68 0.0 0.0 0.0

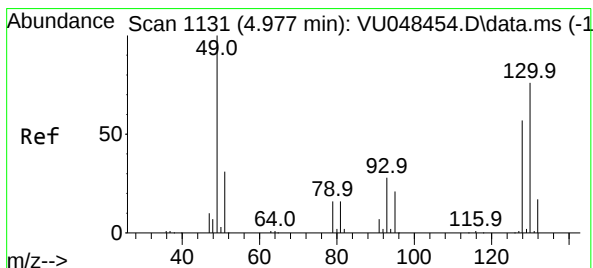
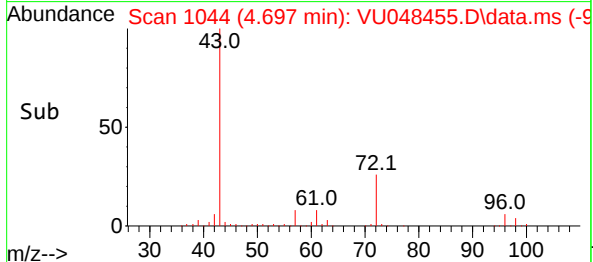
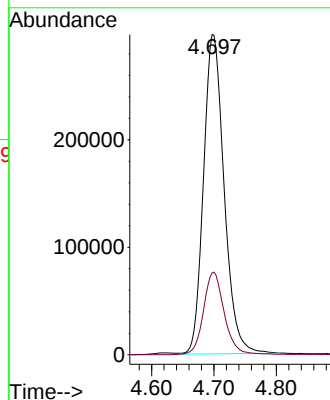
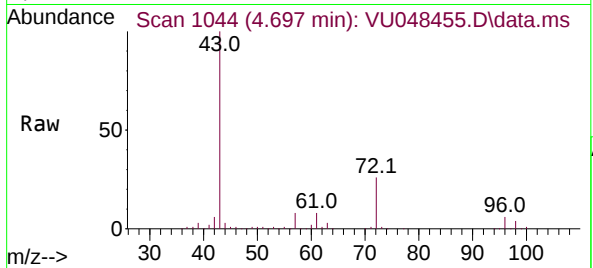




#22
2-Butanone
Concen: 225.450 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

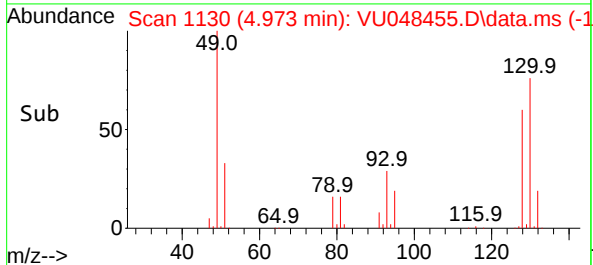
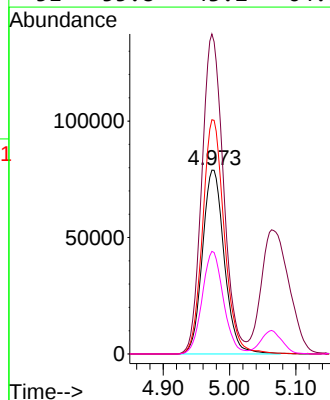
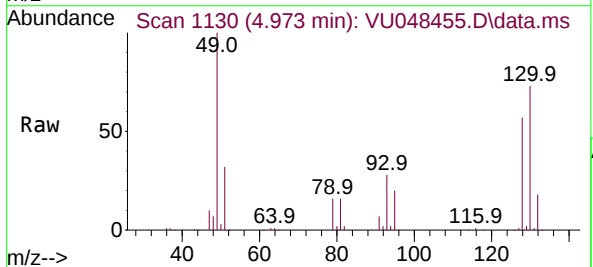
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

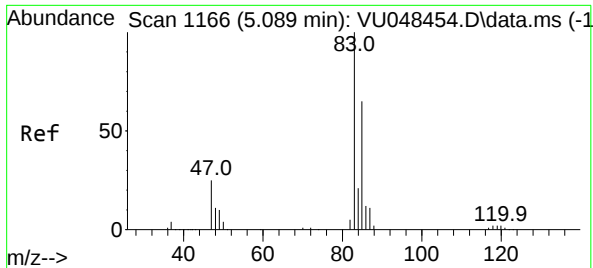
Tgt Ion: 43 Resp: 683637
Ion Ratio Lower Upper
43 100
72 26.0 13.3 39.9



#23
Bromochloromethane
Concen: 98.686 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion:128 Resp: 180412
Ion Ratio Lower Upper
128 100
49 174.0 123.1 228.7
130 127.3 93.6 173.8
51 55.8 43.2 64.8

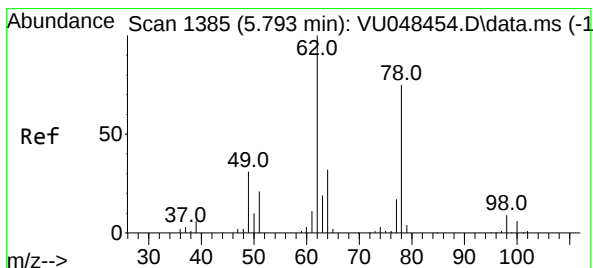
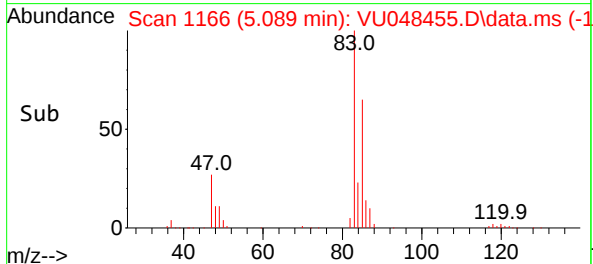
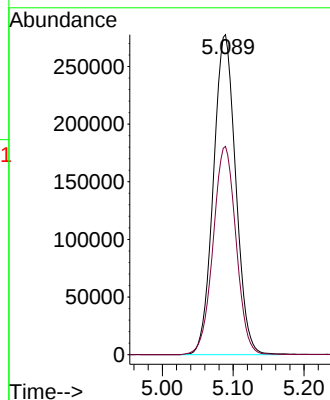
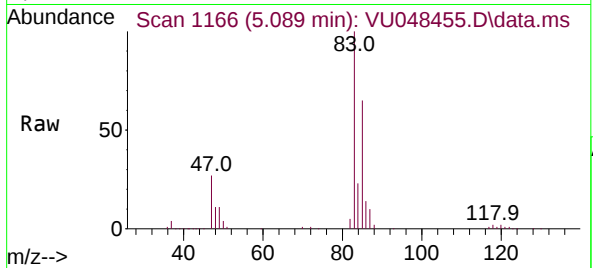




#25
Chloroform
Concen: 102.594 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

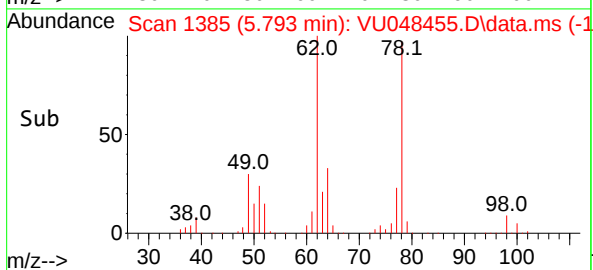
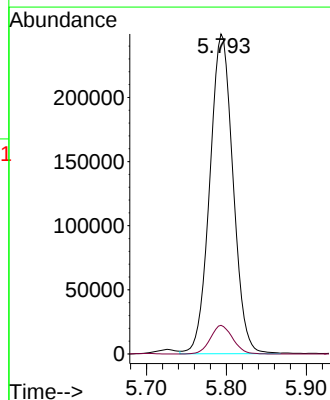
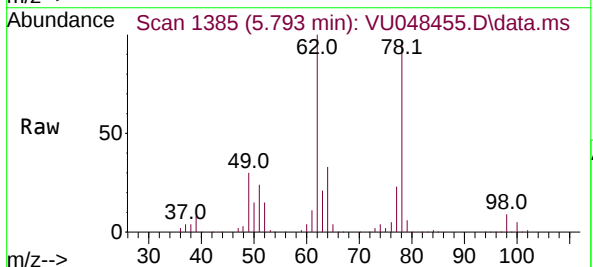
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

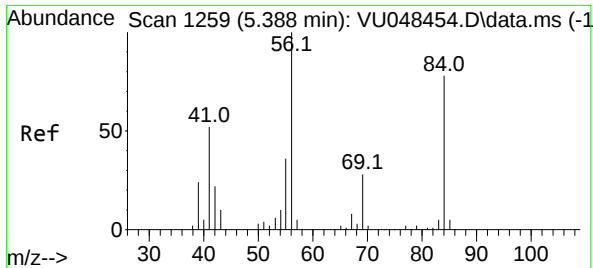
Tgt Ion: 83 Resp: 608141
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 113.350 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 62 Resp: 503100
Ion Ratio Lower Upper
62 100
98 9.0 6.8 10.2





#29

Cyclohexane

Concen: 136.099 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

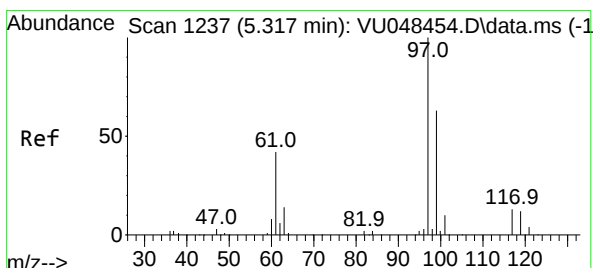
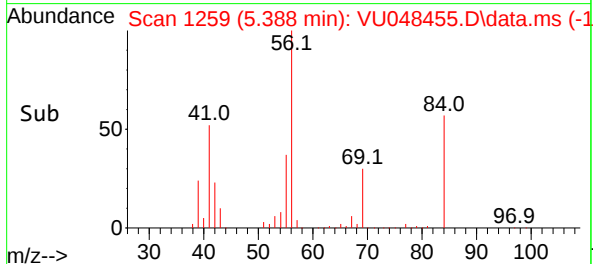
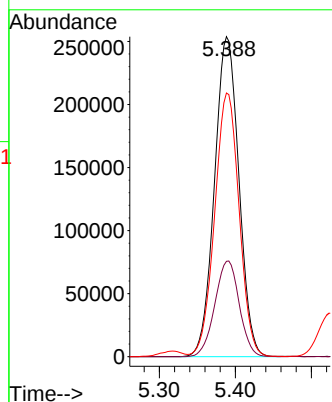
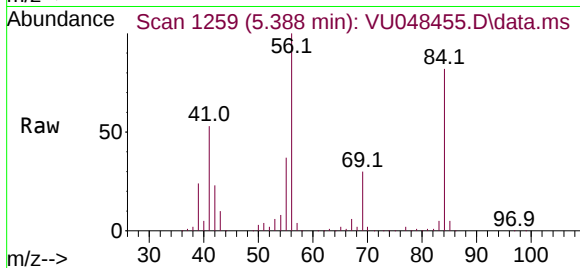
Tgt Ion: 56 Resp: 564854

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 82.8 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 113.083 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

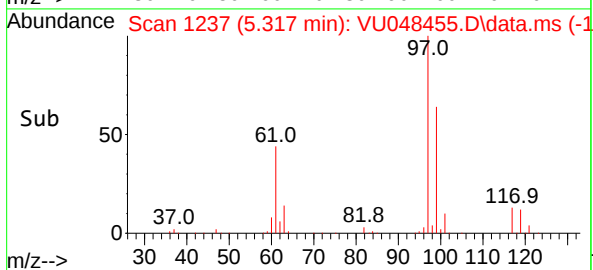
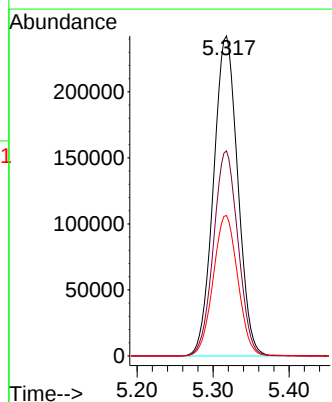
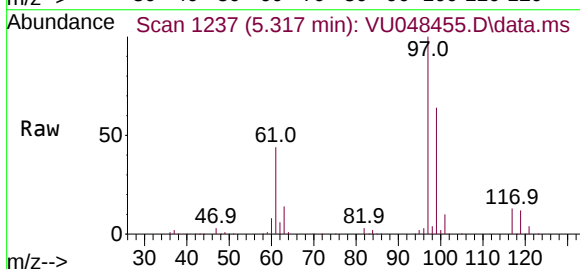
Tgt Ion: 97 Resp: 537629

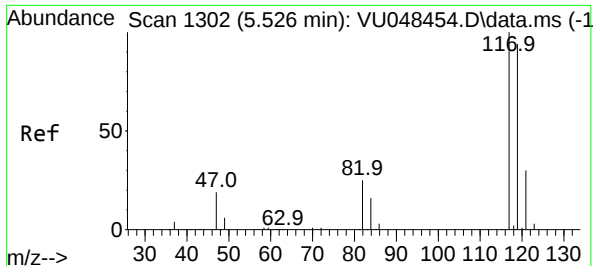
Ion Ratio Lower Upper

97 100

99 64.9 50.5 75.7

61 44.5 35.0 52.4

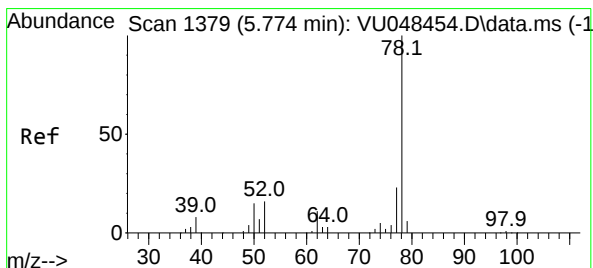
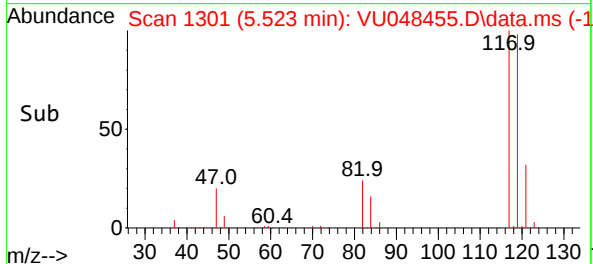
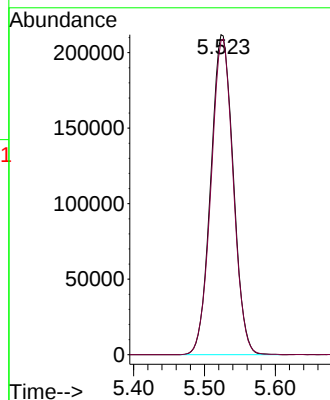
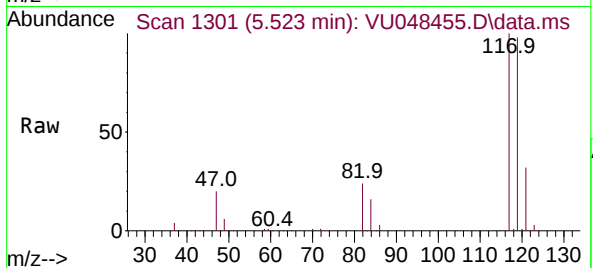




#31
Carbon tetrachloride
Concen: 115.237 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

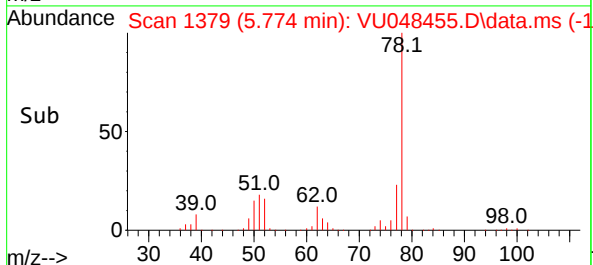
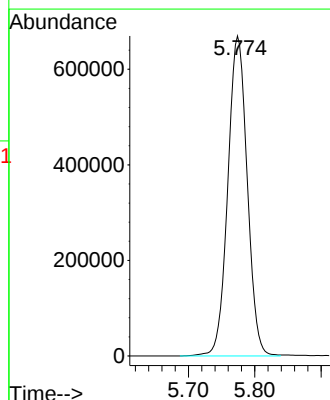
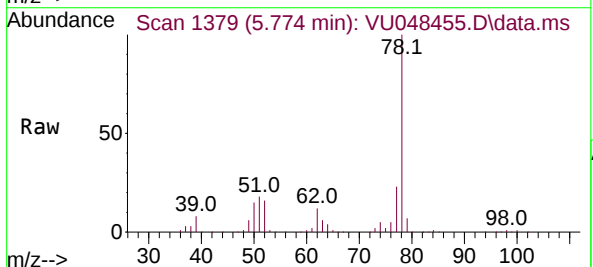
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

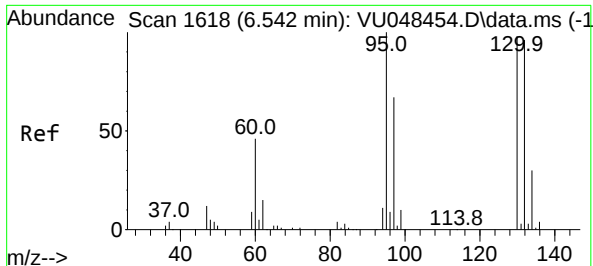
Tgt Ion:117 Resp: 467269
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7



#33
Benzene
Concen: 111.417 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 78 Resp: 1362309

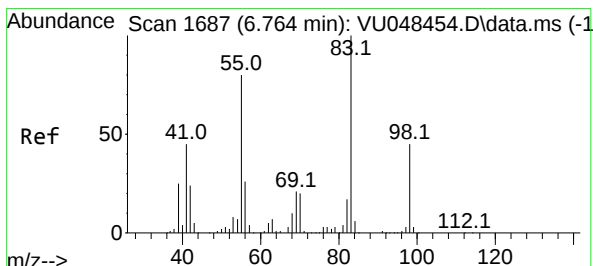
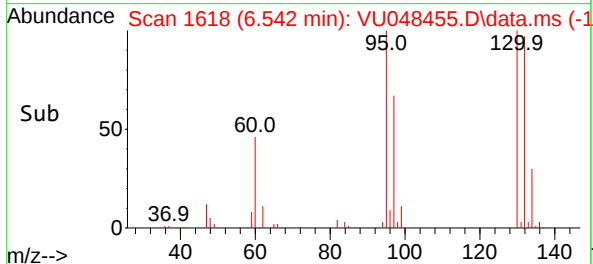
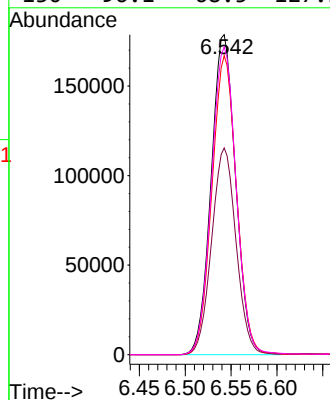
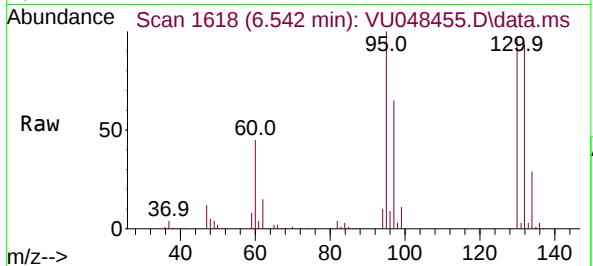




#34
Trichloroethene
Concen: 110.520 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

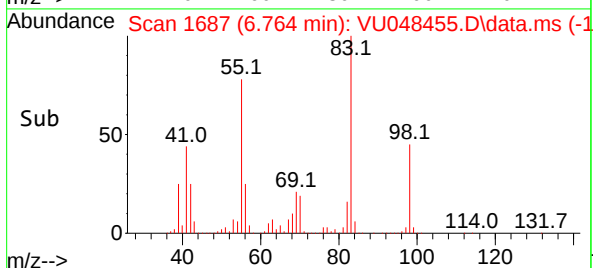
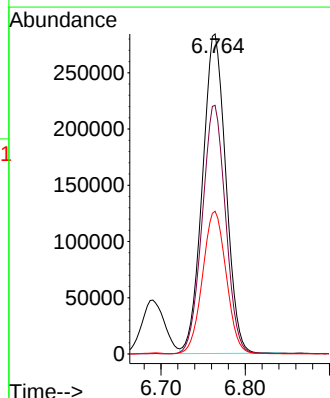
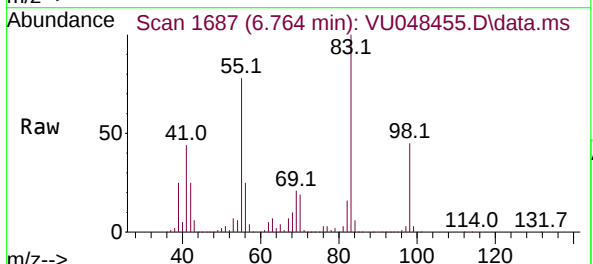
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

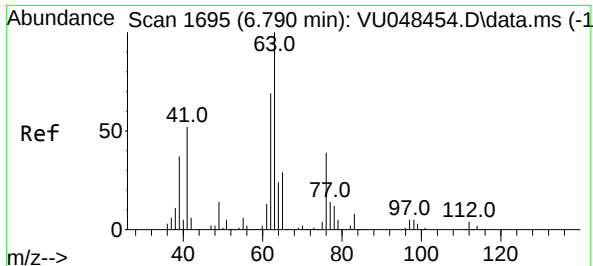
Tgt Ion: 95 Resp: 331875
Ion Ratio Lower Upper
95 100
97 64.6 46.6 86.6
132 93.4 67.3 124.9
130 96.1 68.5 127.1



#35
Methylcyclohexane
Concen: 125.984 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 83 Resp: 548402
Ion Ratio Lower Upper
83 100
55 77.9 63.4 95.2
98 45.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 109.733 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

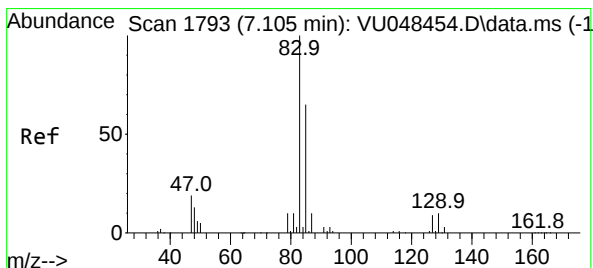
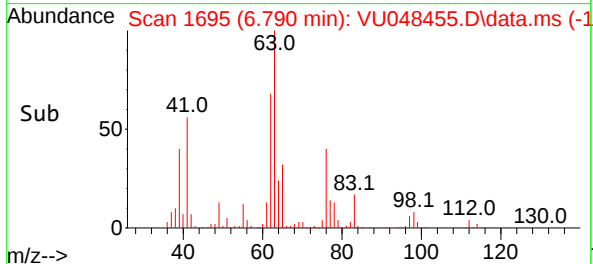
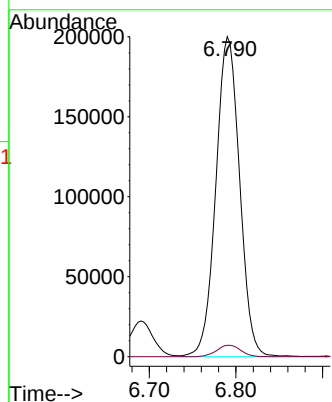
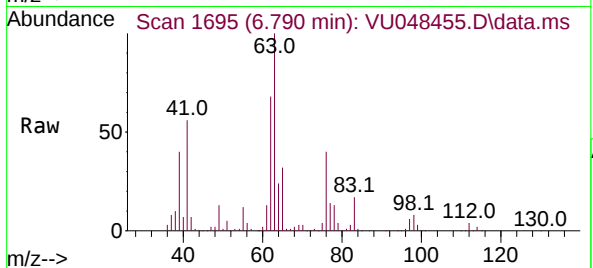
VSTD100065

Tgt Ion: 63 Resp: 381081

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 107.101 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

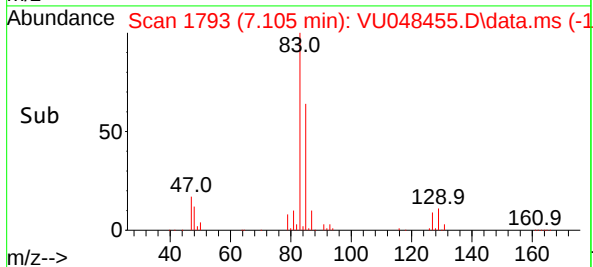
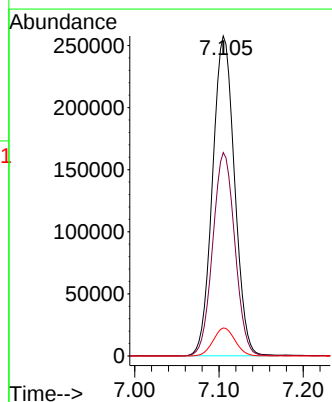
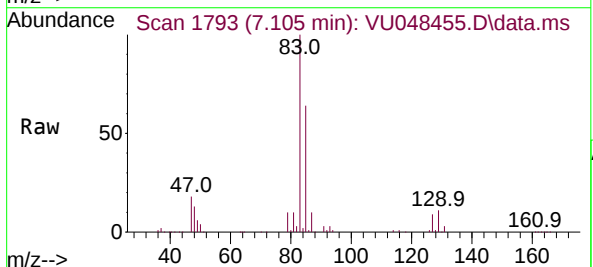
Tgt Ion: 83 Resp: 467270

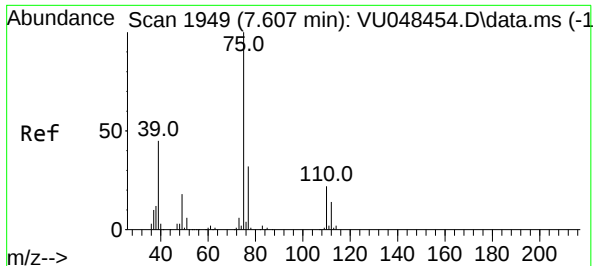
Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 116.884 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

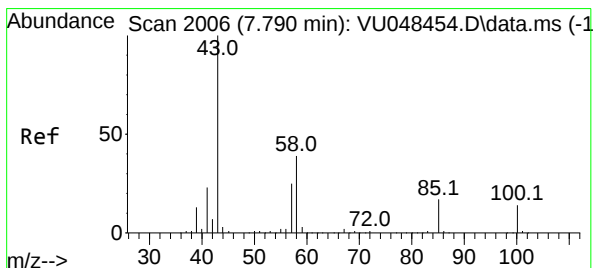
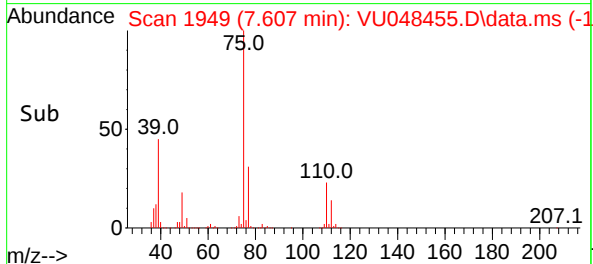
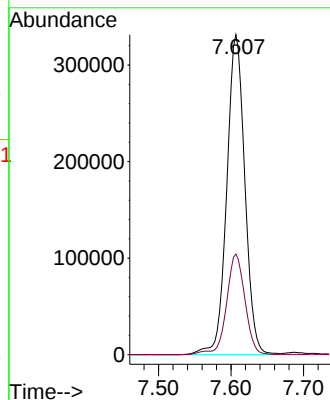
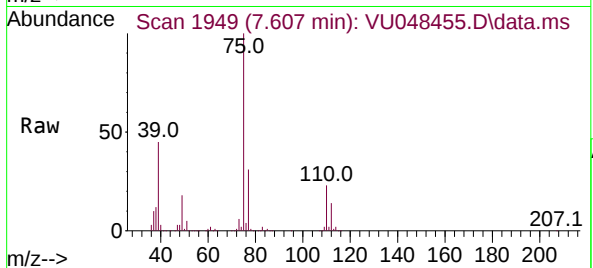
VSTD100065

Tgt Ion: 75 Resp: 574905

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 249.934 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

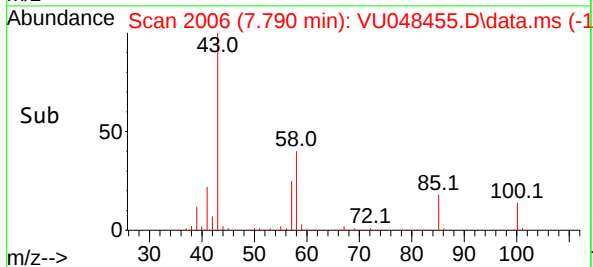
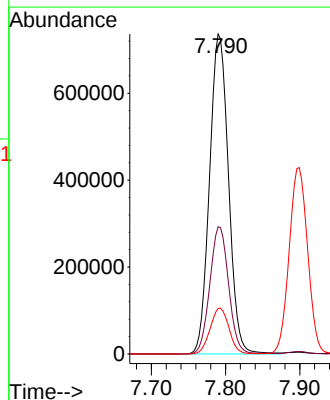
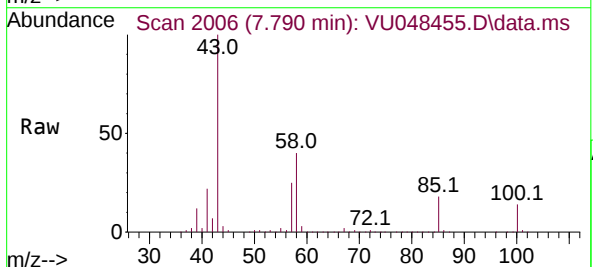
Tgt Ion: 43 Resp: 1303827

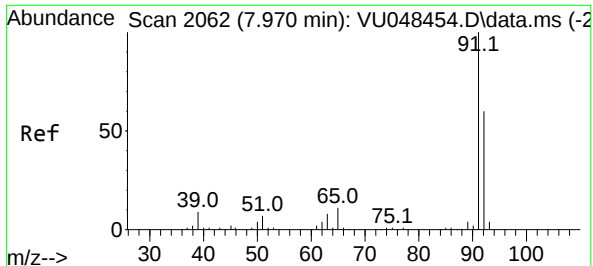
Ion Ratio Lower Upper

43 100

58 39.4 31.0 46.4

100 14.3 11.2 16.8





#42

Toluene

Concen: 112.679 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

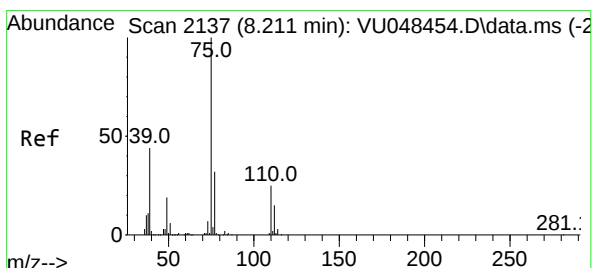
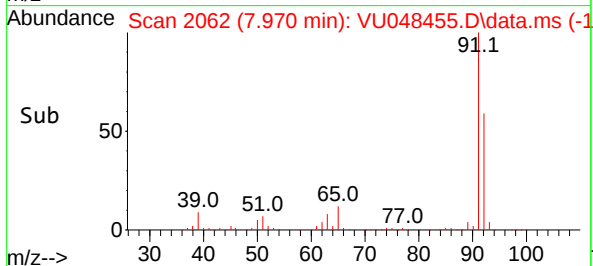
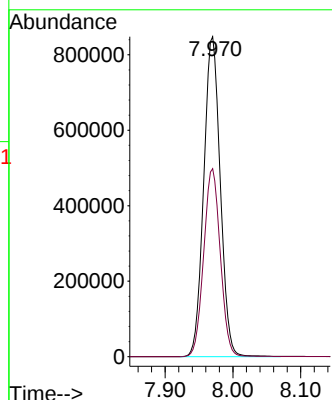
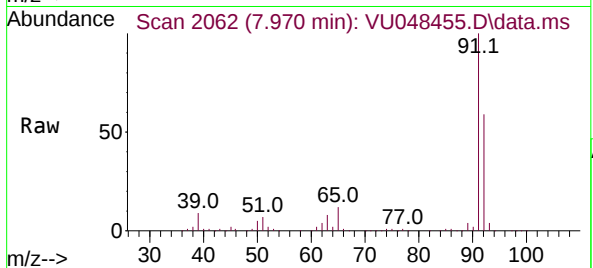
VSTD100065

Tgt Ion: 91 Resp: 1436644

Ion Ratio Lower Upper

91 100

92 58.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 116.063 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048455.D

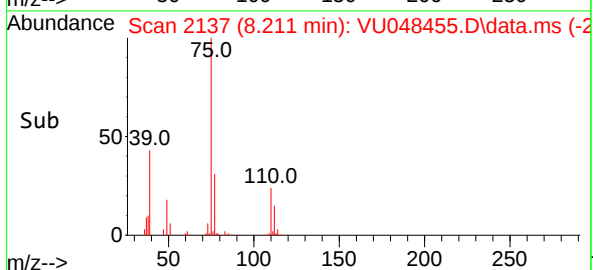
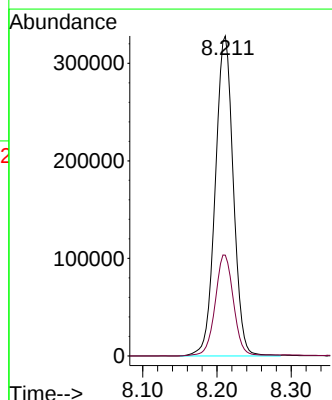
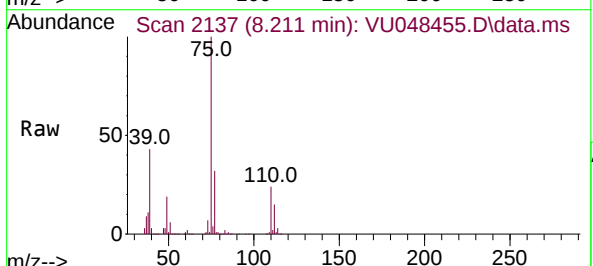
Acq: 06 May 2022 14:34

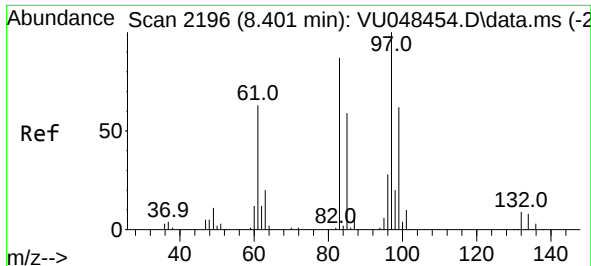
Tgt Ion: 75 Resp: 553037

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0

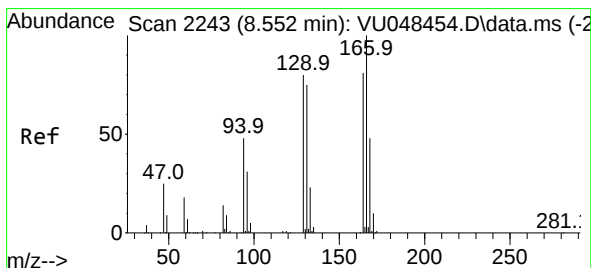
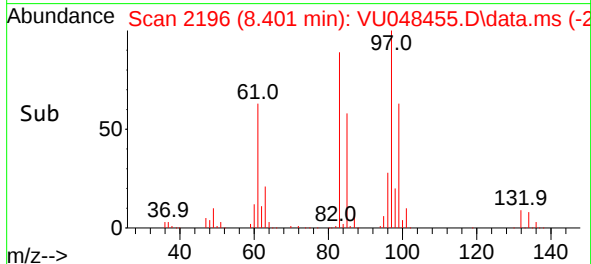
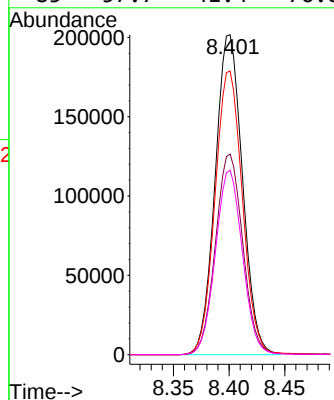
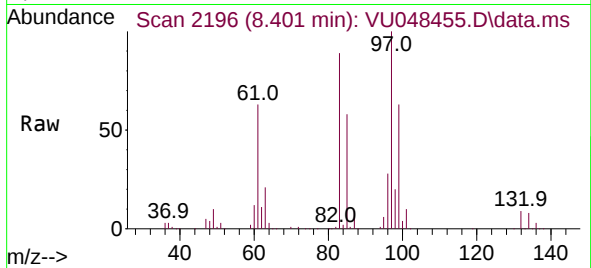




#45
1,1,2-Trichloroethane
Concen: 97.909 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

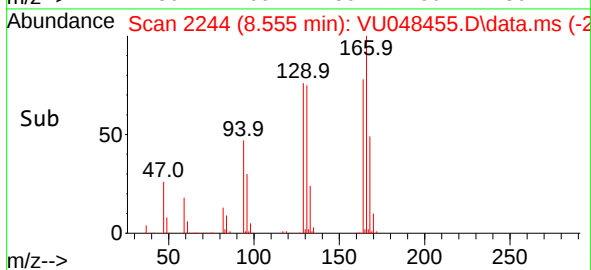
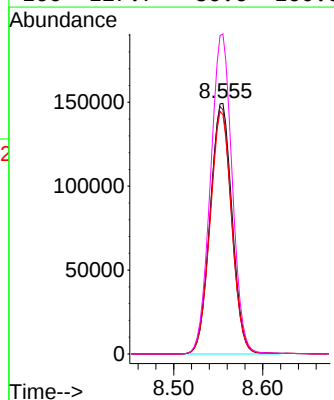
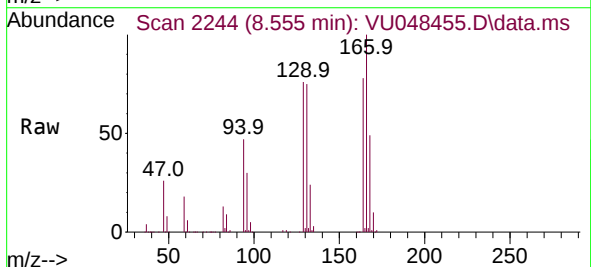
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

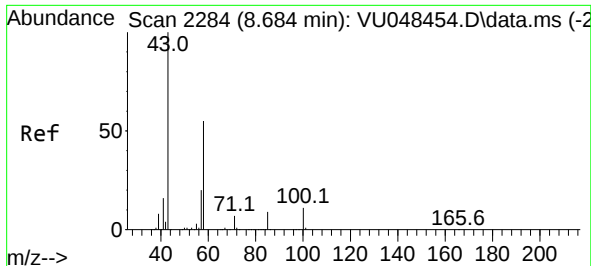
Tgt Ion: 97	Resp: 343788
Ion Ratio	Lower Upper
97 100	
99 62.7	43.5 80.9
83 88.6	60.5 112.5
85 57.7	41.4 76.8



#46
Tetrachloroethene
Concen: 101.758 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt	Ion:164	Resp:	255161
Ion	Ratio	Lower	Upper
164	100		
129	97.5	69.2	128.6
131	95.4	65.2	121.0
166	127.7	86.6	160.8



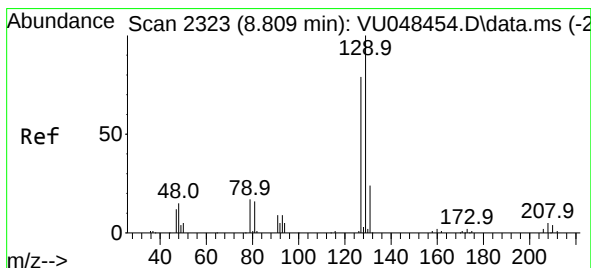
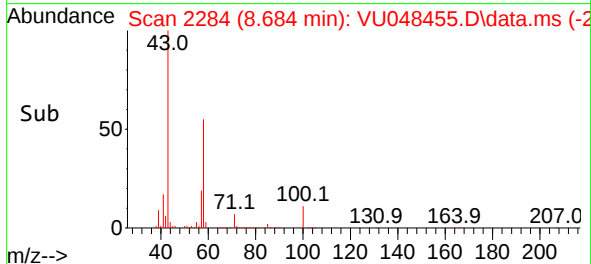
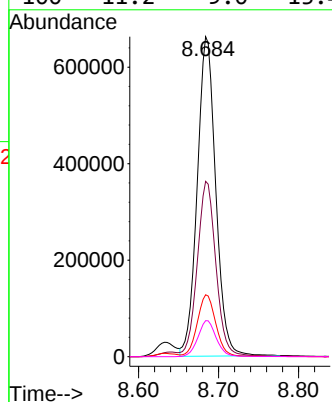
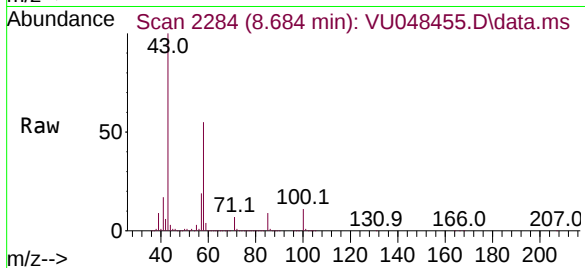


#48
2-Hexanone
Concen: 246.799 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

Tgt Ion: 43 Resp: 1069685

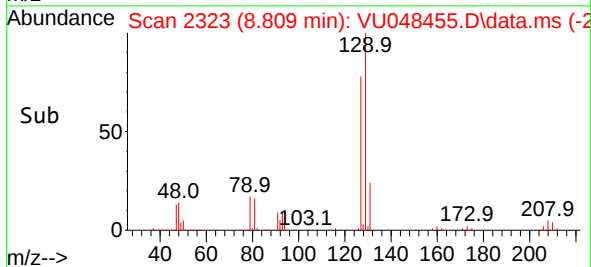
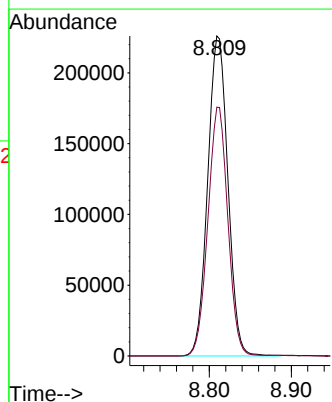
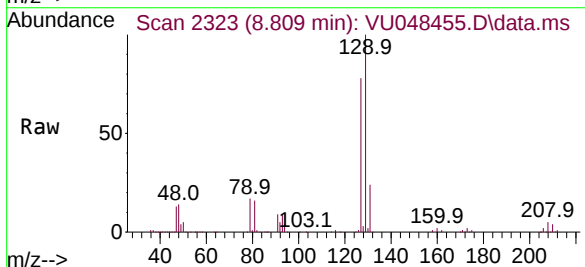
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.3	66.5
57	19.6	15.7	23.5
100	11.2	9.0	13.4

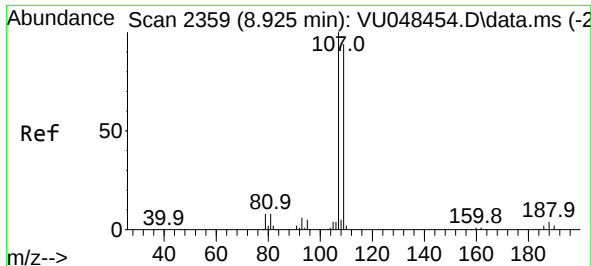


#49
Dibromochloromethane
Concen: 99.987 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 129 Resp: 385581

Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.2	102.4





#50

1,2-Dibromoethane

Concen: 101.967 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

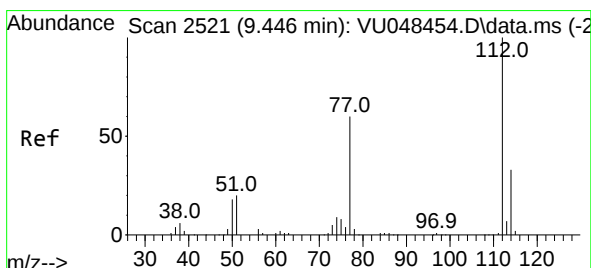
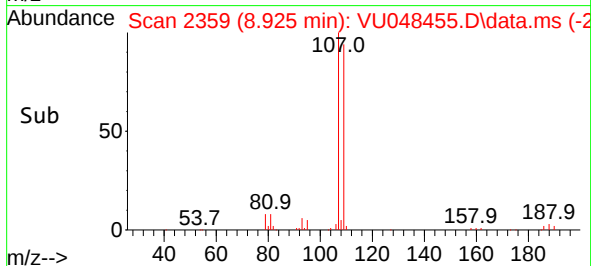
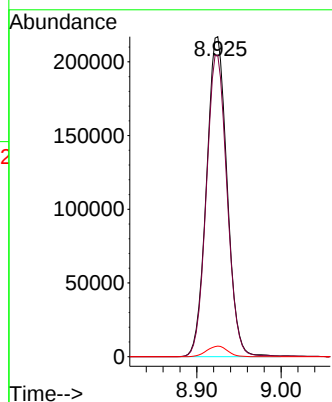
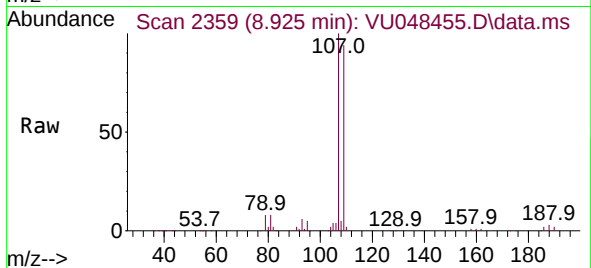
Tgt Ion:107 Resp: 369068

Ion Ratio Lower Upper

107 100

109 94.2 65.7 122.1

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 101.062 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

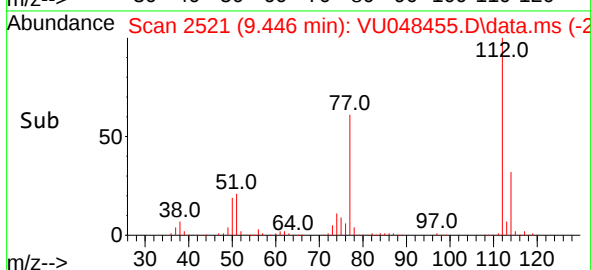
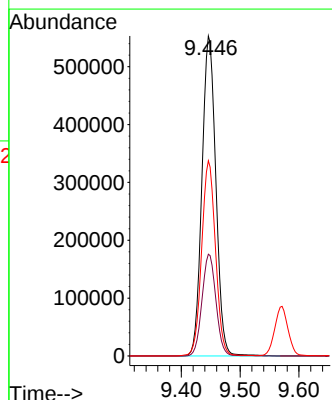
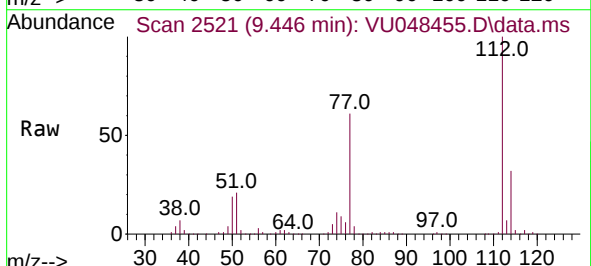
Tgt Ion:112 Resp: 908190

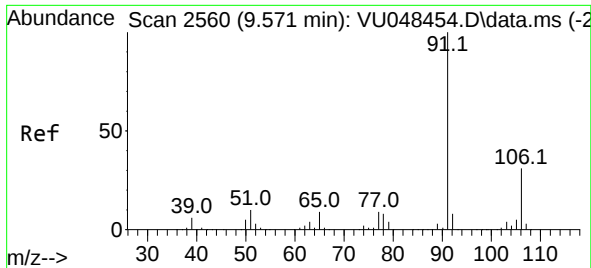
Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.6

77 61.0 48.4 72.6

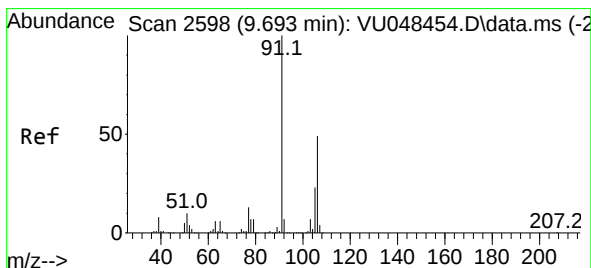
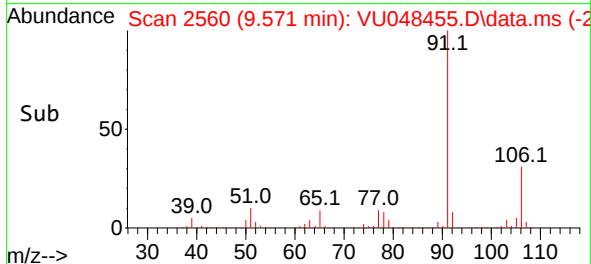
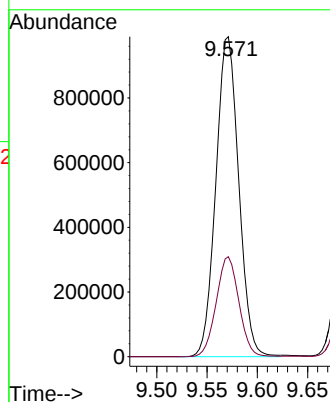
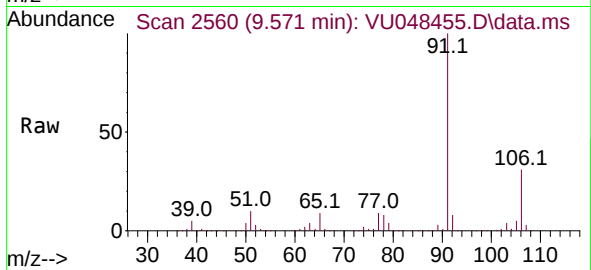




#52
Ethylbenzene
Concen: 118.284 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

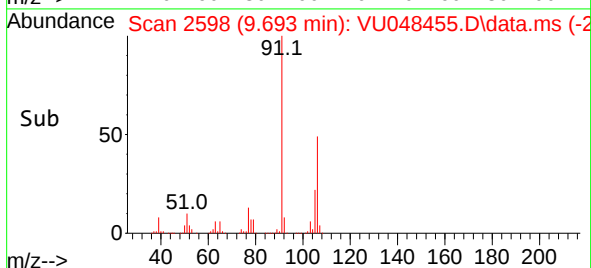
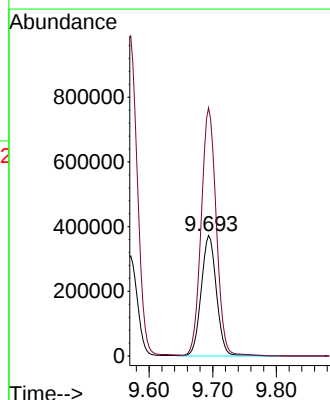
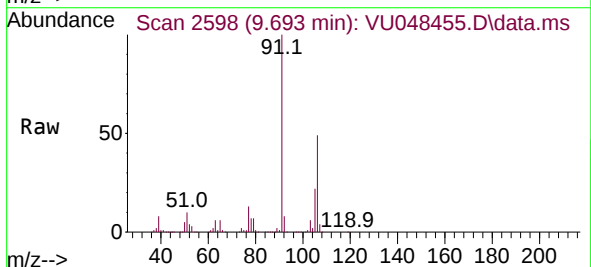
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

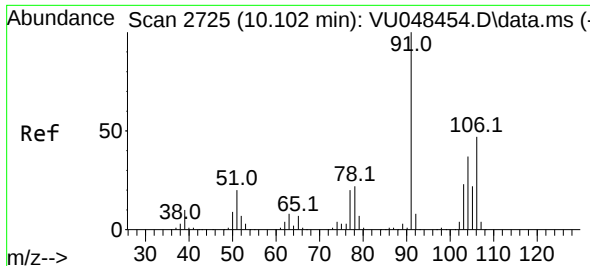
Tgt Ion: 91 Resp: 1566111
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 119.797 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 106 Resp: 618648
Ion Ratio Lower Upper
106 100
91 206.0 144.1 267.7

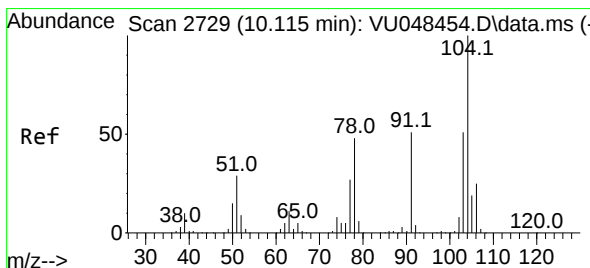
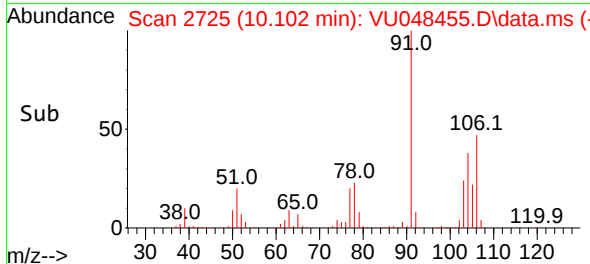
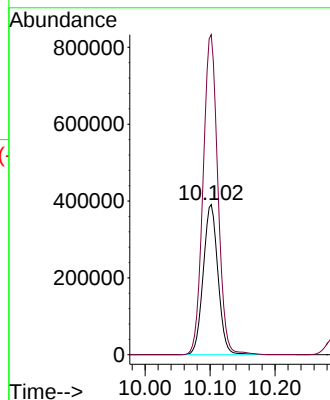
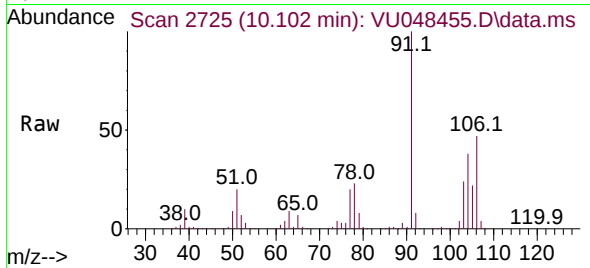




#54
o-Xylene
Concen: 119.224 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

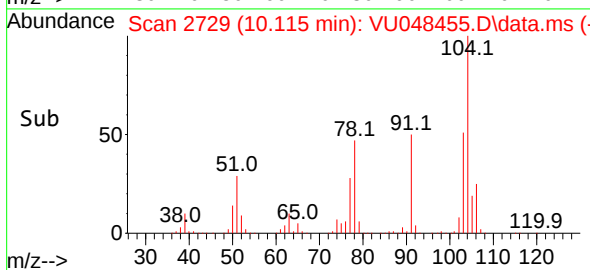
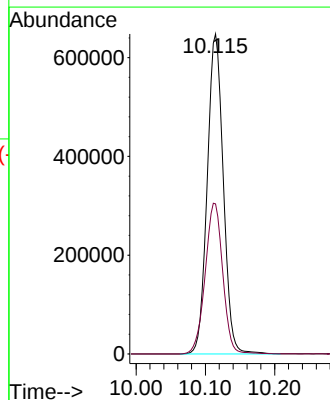
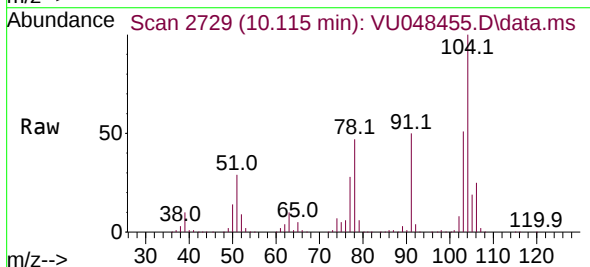
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

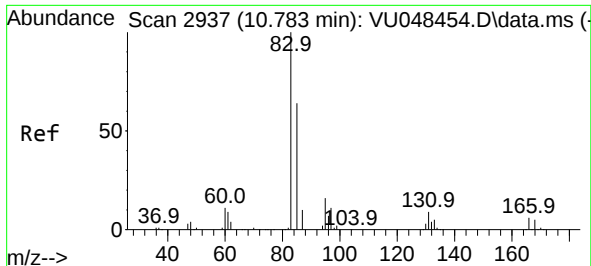
Tgt Ion:106 Resp: 619340
Ion Ratio Lower Upper
106 100
91 213.2 148.8 276.4



#55
Styrene
Concen: 119.355 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion:104 Resp: 1040354
Ion Ratio Lower Upper
104 100
78 46.9 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 98.903 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

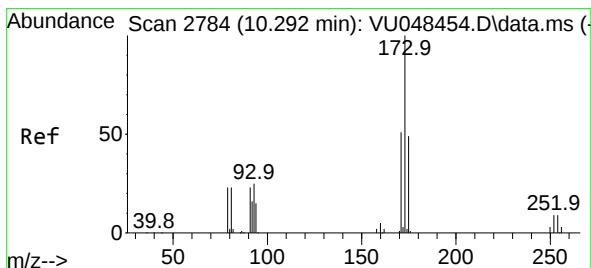
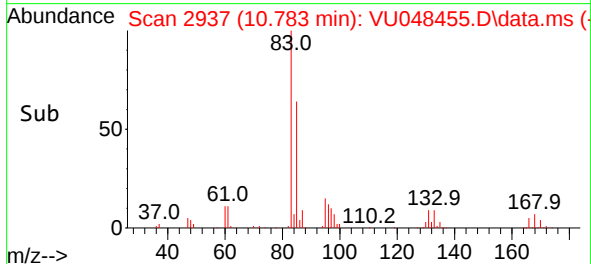
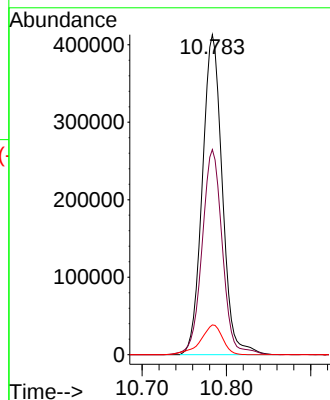
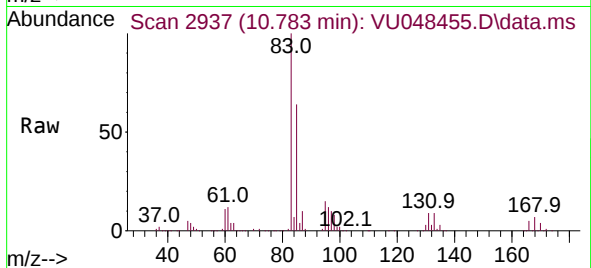
Tgt Ion: 83 Resp: 680408

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

131 9.3 7.4 11.0



#59

Bromoform

Concen: 96.439 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

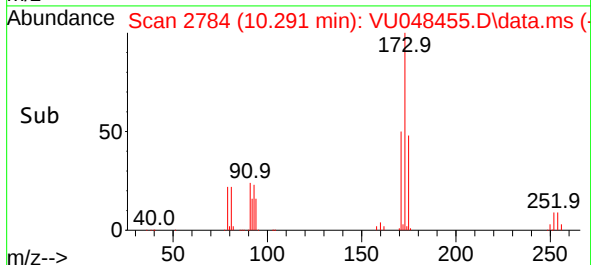
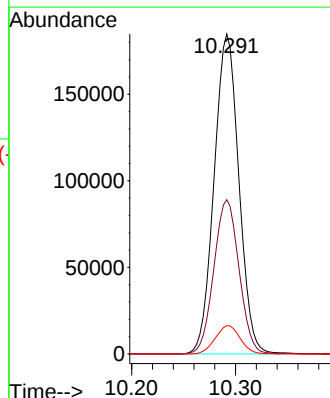
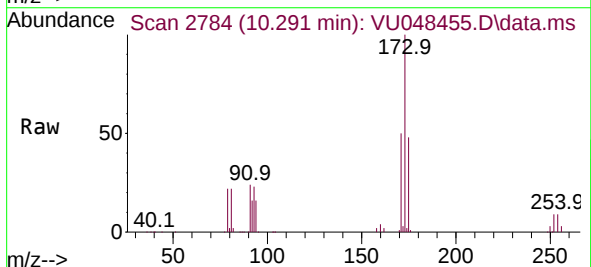
Tgt Ion:173 Resp: 305397

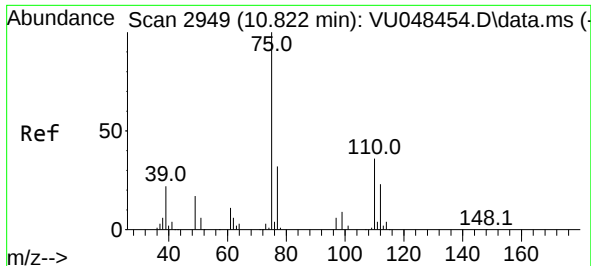
Ion Ratio Lower Upper

173 100

175 49.0 39.1 58.7

254 8.9 7.3 10.9

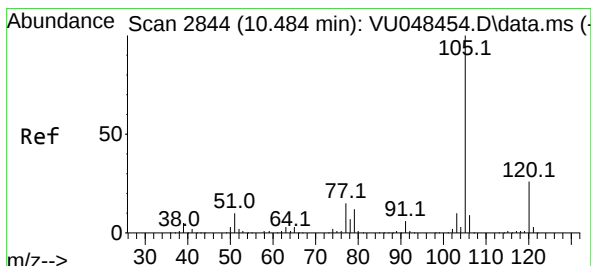
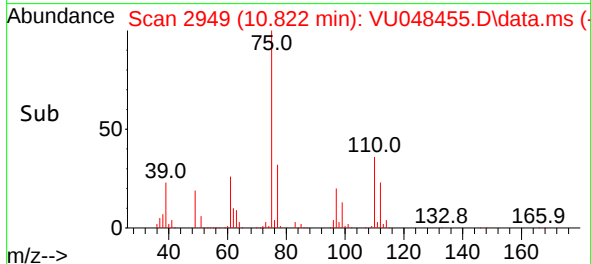
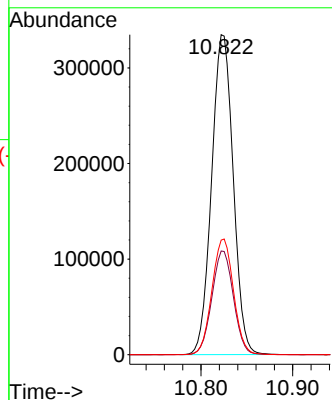
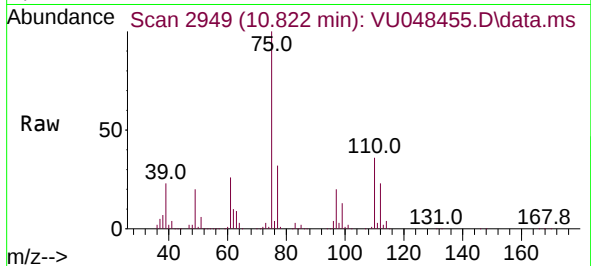




#60
1,2,3-Trichloropropane
Concen: 104.191 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

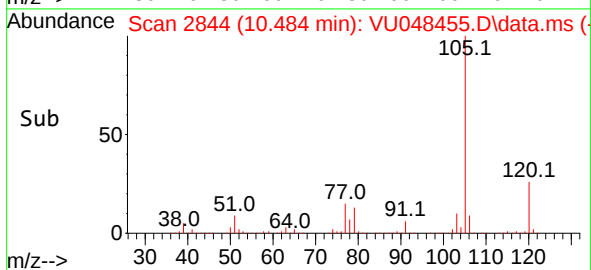
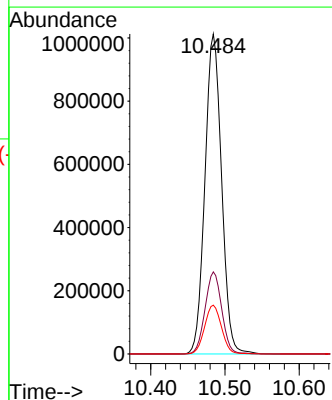
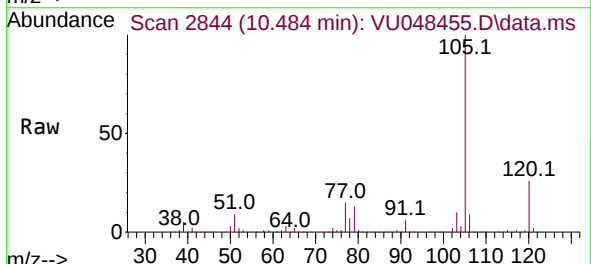
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

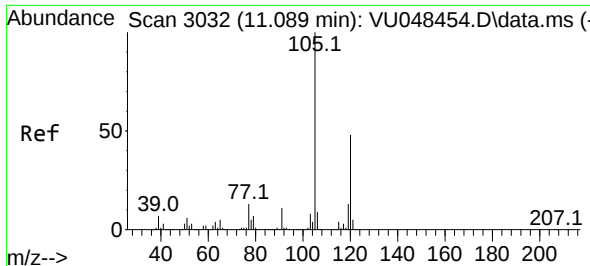
Tgt Ion: 75 Resp: 547488
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 36.2 28.9 43.3



#61
Isopropylbenzene
Concen: 122.939 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 105 Resp: 1572386
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 15.5 12.5 18.7

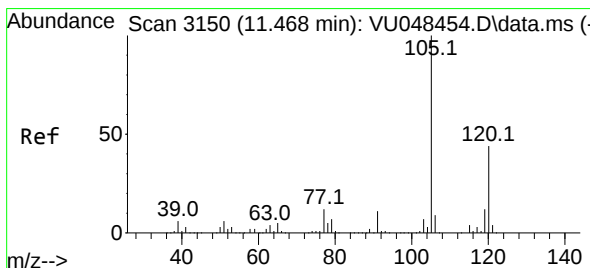
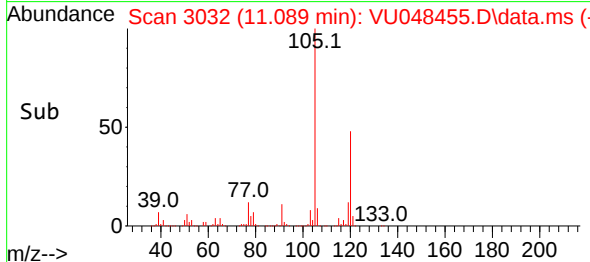
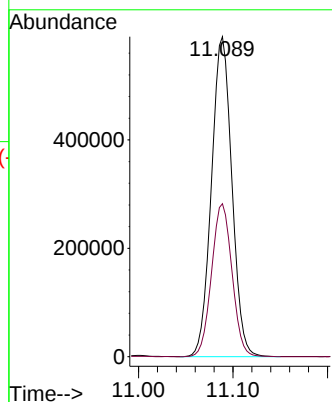
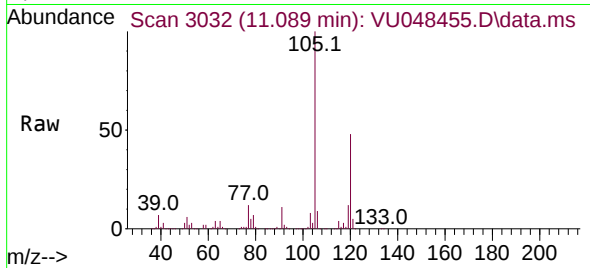




#62
1,3,5-Trimethylbenzene
Concen: 130.525 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

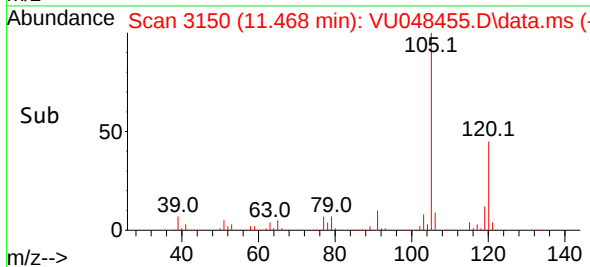
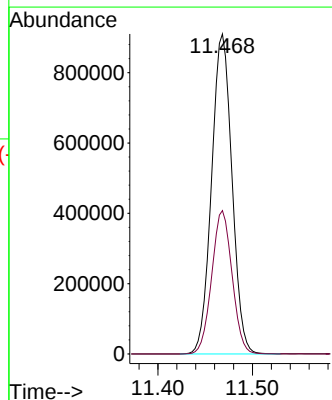
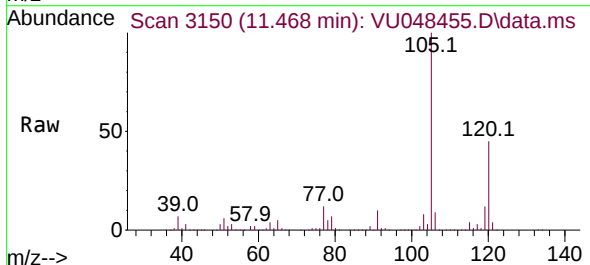
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

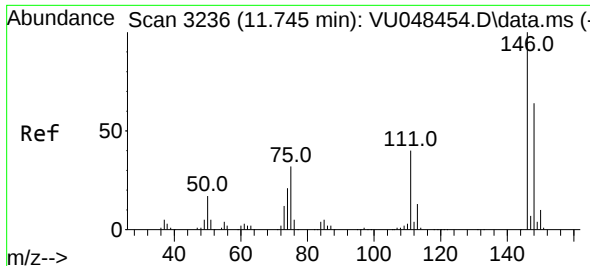
Tgt Ion:105 Resp: 886435
Ion Ratio Lower Upper
105 100
120 47.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 132.020 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion:105 Resp: 1363762
Ion Ratio Lower Upper
105 100
120 44.6 35.4 53.2

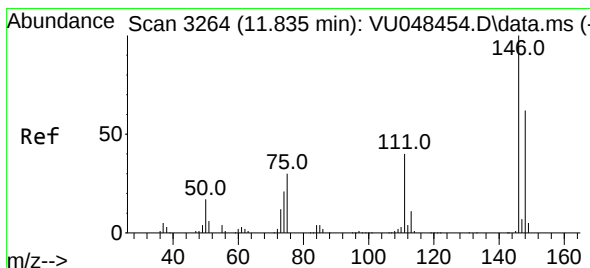
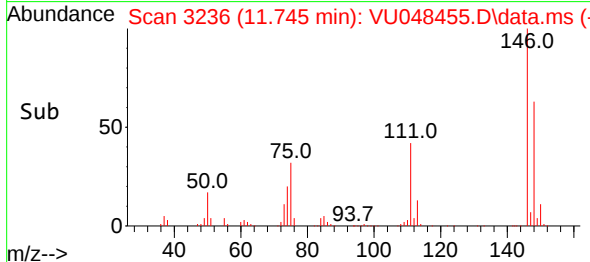
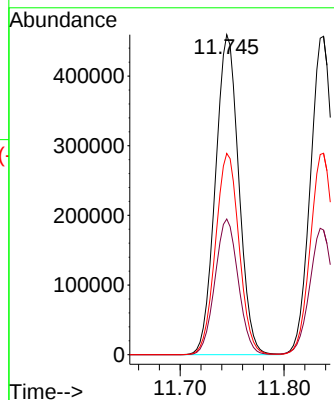
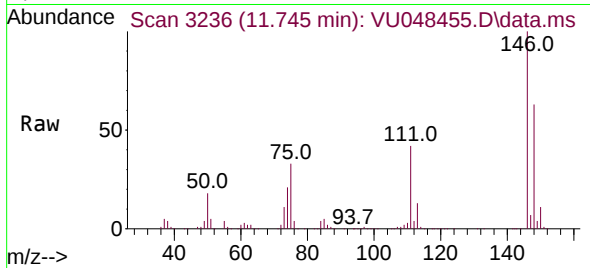




#64
1,3-Dichlorobenzene
Concen: 104.074 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

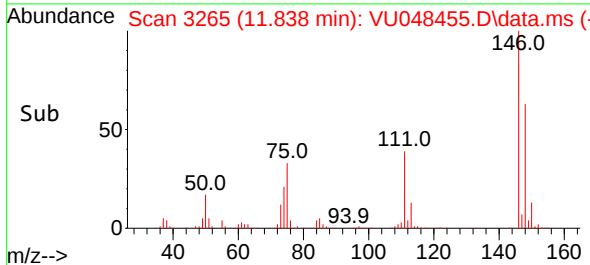
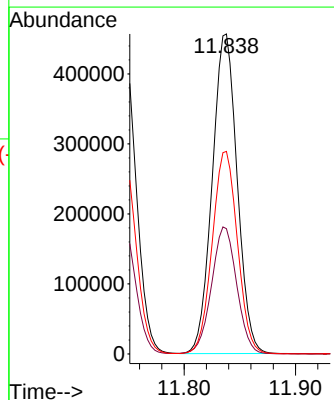
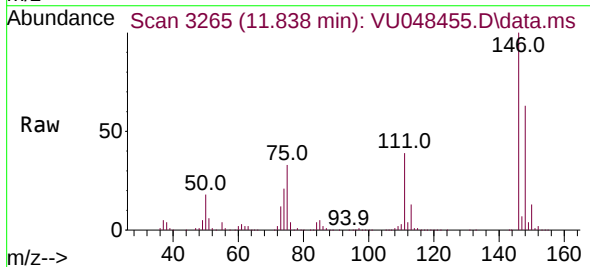
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

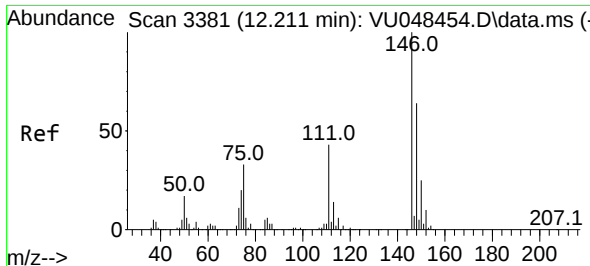
Tgt Ion:146 Resp: 718513
Ion Ratio Lower Upper
146 100
111 42.4 28.3 52.7
148 62.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 100.397 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion:146 Resp: 710761
Ion Ratio Lower Upper
146 100
111 39.2 28.4 52.8
148 63.3 43.4 80.6

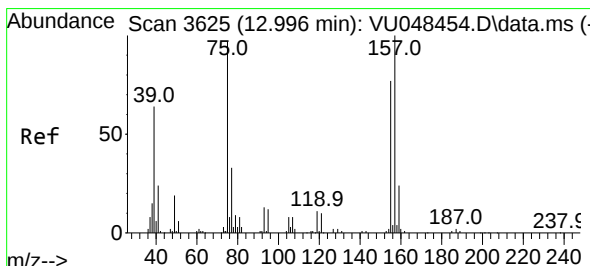
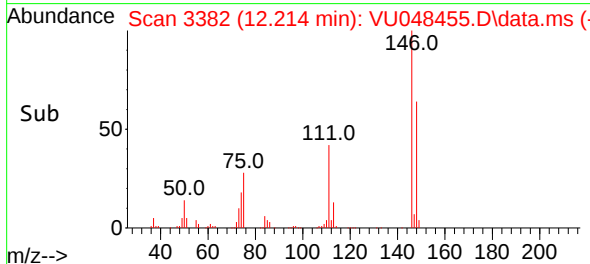
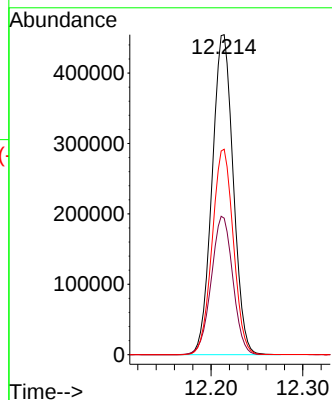
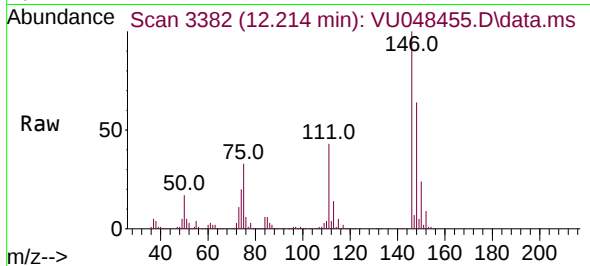




#67
1,2-Dichlorobenzene
Concen: 99.685 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

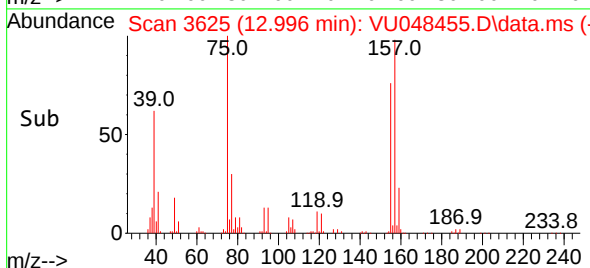
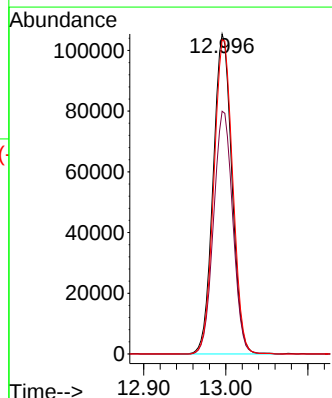
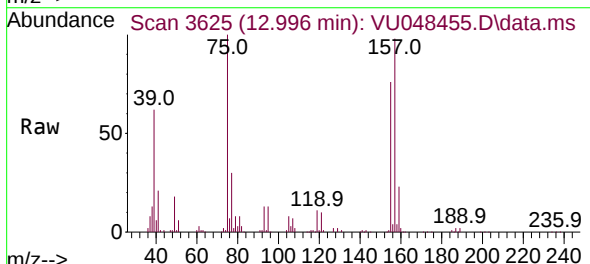
Instrument :
MSVOA_U
ClientSampleId :
VSTD100065

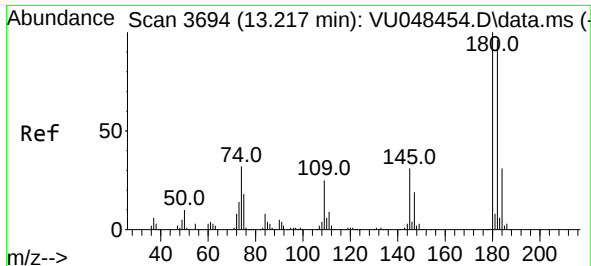
Tgt Ion:146 Resp: 727250
Ion Ratio Lower Upper
146 100
111 42.7 34.9 52.3
148 64.2 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 117.623 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048455.D
Acq: 06 May 2022 14:34

Tgt Ion: 75 Resp: 167616
Ion Ratio Lower Upper
75 100
155 75.9 63.4 95.0
157 98.2 82.2 123.2

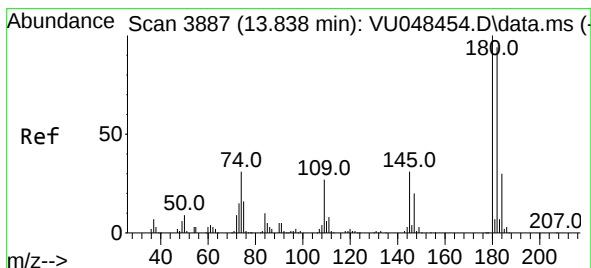
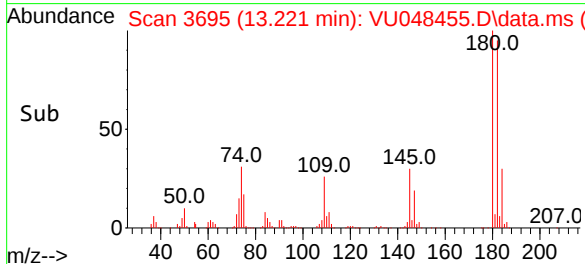
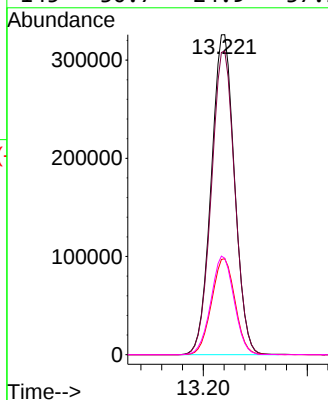
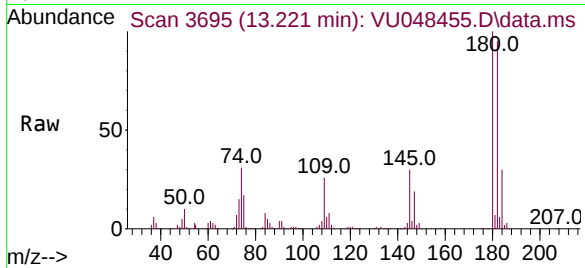




#69
 1,3,5-Trichlorobenzene
 Concen: 99.591 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

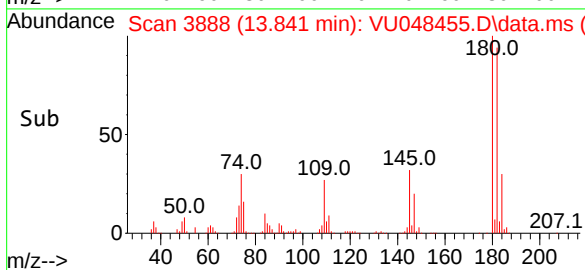
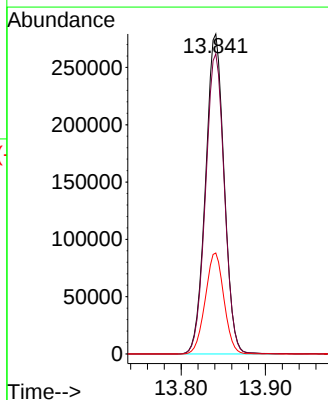
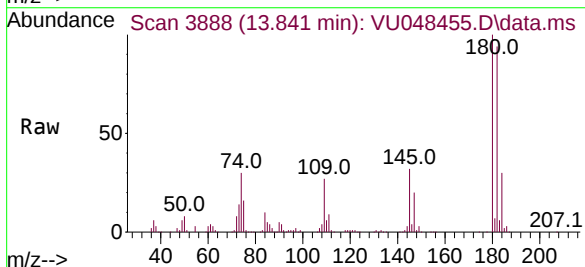
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100065

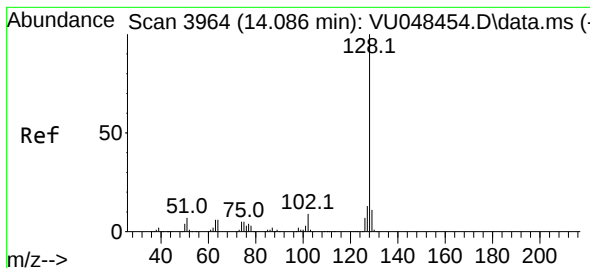
Tgt Ion:180 Resp: 506829
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.7 113.5
 184 30.2 23.8 35.8
 145 30.7 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 106.070 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048455.D
 Acq: 06 May 2022 14:34

Tgt Ion:180 Resp: 429268
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.1 115.7
 145 31.6 24.9 37.3





#71

Naphthalene

Concen: 127.064 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD100065

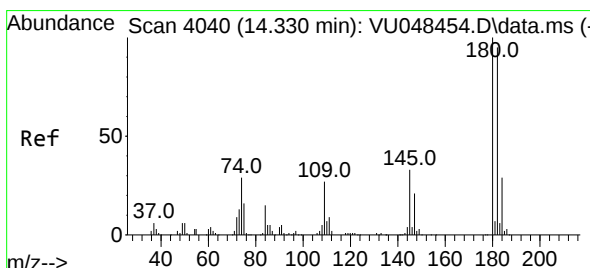
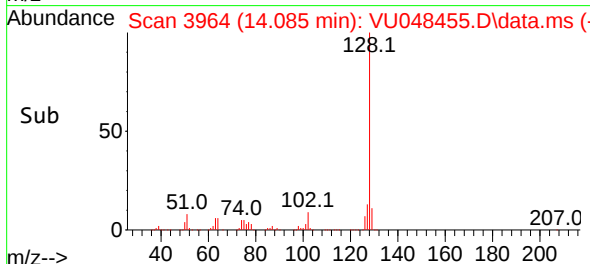
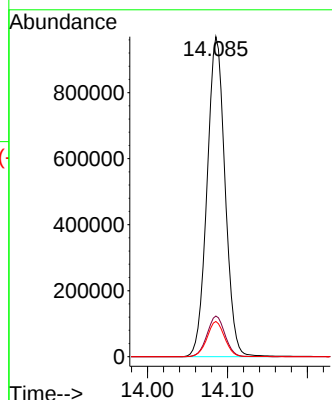
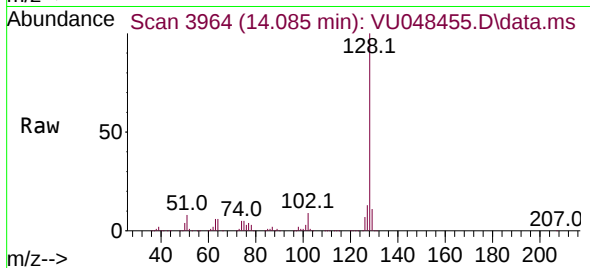
Tgt Ion:128 Resp: 1515234

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 104.684 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU048455.D

Acq: 06 May 2022 14:34

Tgt Ion:180 Resp: 434604

Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

145 33.4 26.4 39.6

