

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050834.D
 Acq On : 20 Sep 2022 15:29
 Operator : JC/MD
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200035

Quant Time: Sep 21 02:11:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	492037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	490939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	264403	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	993756	224.142	ug/L	0.00
7) Chloroethane-d5	1.887	69	675096	225.327	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.559	63	1562483	205.931	ug/L	0.00
21) 2-Butanone-d5	4.616	46	1447632	463.347	ug/L	0.00
24) Chloroform-d	5.060	84	1564388	195.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	950431	193.286	ug/L	0.00
32) Benzene-d6	5.726	84	3202326	196.037	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	1071512	200.608	ug/L	0.00
41) Toluene-d8	7.896	98	2913579	207.929	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	507433	225.982	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	1118721	722.242	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1706603	209.701	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1090312	177.340	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	959091	199.109	ug/L	100
3) Chloromethane	1.520	50	1083607	204.506	ug/L	99
5) Vinyl chloride	1.600	62	1096031	217.538	ug/L	98
6) Bromomethane	1.825	94	498519	193.191	ug/L	97
8) Chloroethane	1.909	64	570283	212.045	ug/L	99
9) Trichlorofluoromethane	2.121	101	1153145	192.720	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	730731	187.268	ug/L	100
12) 1,1-Dichloroethene	2.568	96	733068	194.492	ug/L	96
13) Acetone	2.620	43	887094	372.463	ug/L	98
14) Carbon disulfide	2.784	76	2308674	203.329	ug/L	99
15) Methyl Acetate	2.941	43	1018852	204.426	ug/L	99
16) Methylene chloride	3.038	84	877434	177.355	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	762044	192.043	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	2507983	204.506	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1489004	193.226	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	880403	196.654	ug/L	99
22) 2-Butanone	4.697	43	1534032	418.659	ug/L	100
23) Bromochloromethane	4.970	128	428573	185.551	ug/L	98
25) Chloroform	5.083	83	1485591	190.246	ug/L	99
27) 1,2-Dichloroethane	5.790	62	1133114	194.830	ug/L	99
29) Cyclohexane	5.385	56	1442824	217.047	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	1236174	186.993	ug/L	99
31) Carbon tetrachloride	5.520	117	1022351	187.989	ug/L	99
33) Benzene	5.771	78	3472232	193.146	ug/L	100
34) Trichloroethene	6.539	95	816704	196.144	ug/L	99
35) Methylcyclohexane	6.761	83	1431489	214.167	ug/L	97
37) 1,2-Dichloropropane	6.790	63	932204	195.936	ug/L	100
38) Bromodichloromethane	7.105	83	1140971	204.325	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	1423757	221.590	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	2983433	455.426	ug/L	98
42) Toluene	7.967	91	3659310	200.244	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	1352615	221.462	ug/L	99

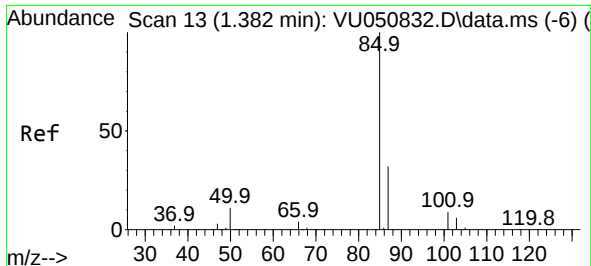
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
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Quant Time: Sep 21 02:11:10 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	878010	192.885	ug/L	99
46) Tetrachloroethene	8.552	164	586385	192.867	ug/L	99
48) 2-Hexanone	8.684	43	2435301	405.233	ug/L	98
49) Dibromochloromethane	8.809	129	913006	209.067	ug/L	100
50) 1,2-Dibromoethane	8.922	107	949696	204.809	ug/L	99
51) Chlorobenzene	9.446	112	2200598	195.774	ug/L	99
52) Ethylbenzene	9.568	91	3938722	219.566	ug/L	100
53) m,p-Xylene	9.693	106	1476852	213.307	ug/L	98
54) o-Xylene	10.098	106	1480728	216.641	ug/L	99
55) Styrene	10.114	104	2619020	230.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	1704464	207.630	ug/L	100
59) Bromoform	10.291	173	721249	181.768	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	1301478	167.473	ug/L	99
61) Isopropylbenzene	10.484	105	3851983	184.916	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	3404596	192.008	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	3419185	199.532	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1705498	185.242	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	1716208	188.605	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	1752972	179.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	402866	192.878	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	1224913	185.877	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	1102950	195.956	ug/L	99
71) Naphthalene	14.085	128	4402396	215.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	1158698	189.422	ug/L	99

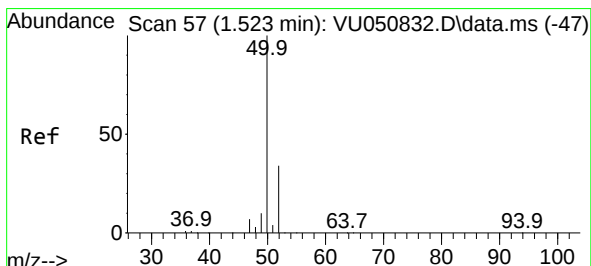
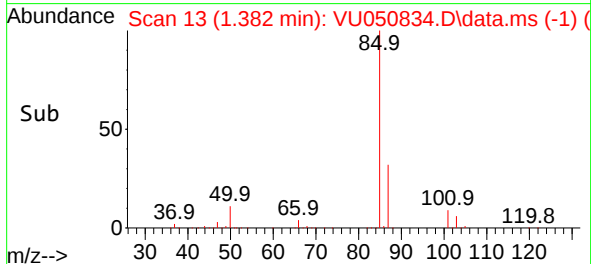
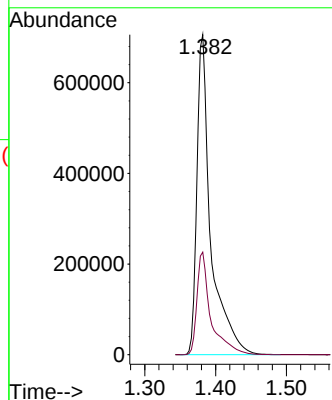
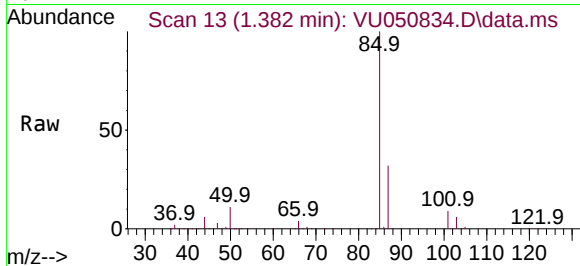
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 199.109 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

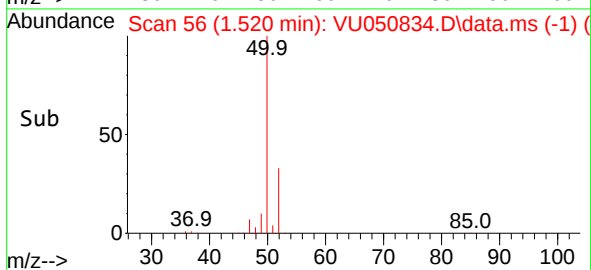
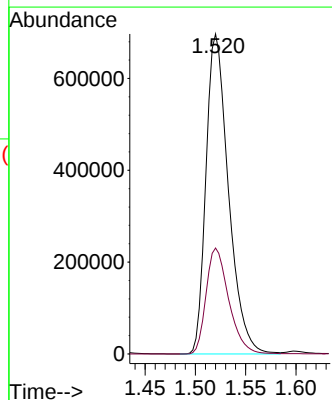
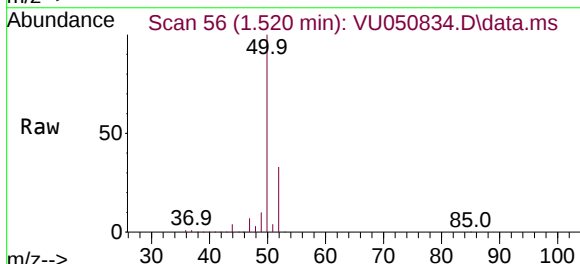
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200035

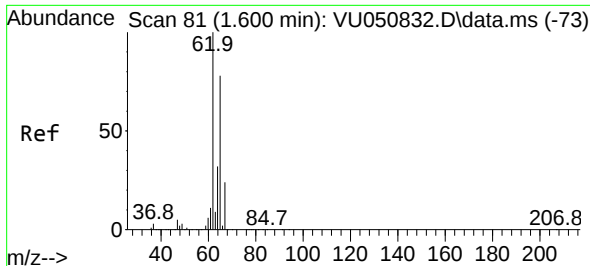
Tgt Ion: 85 Resp: 959091
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 204.506 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

Tgt Ion: 50 Resp: 1083607
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

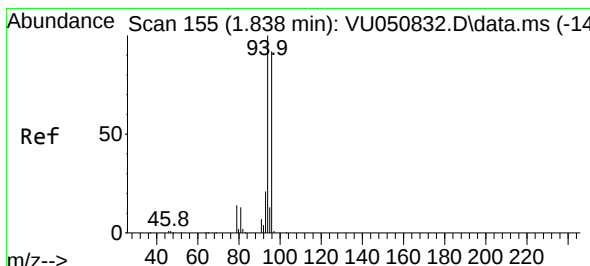
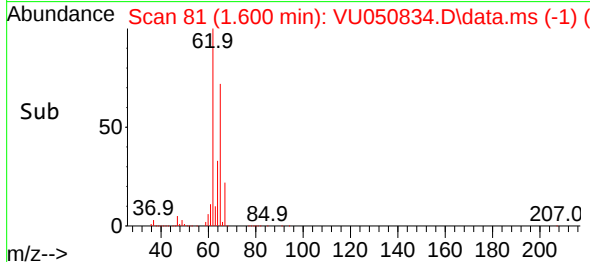
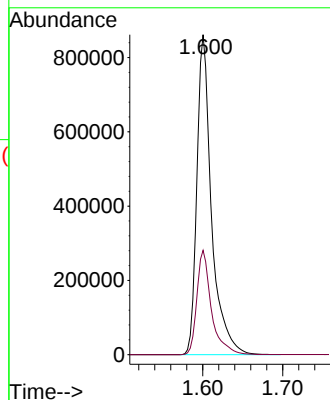
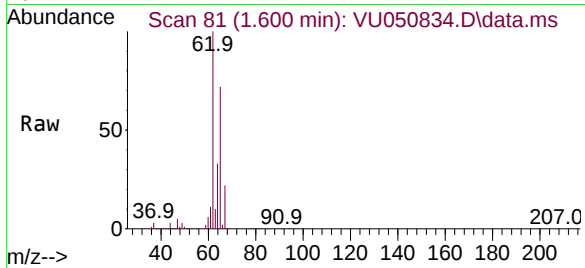




#5
 Vinyl chloride
 Concen: 217.538 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

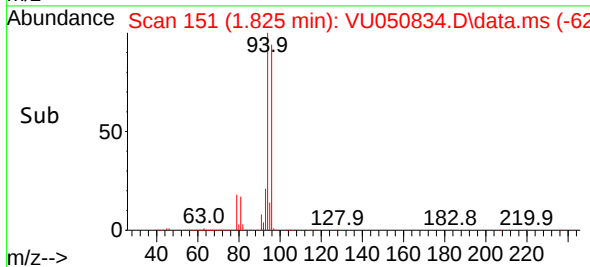
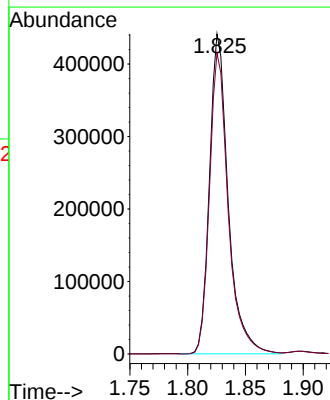
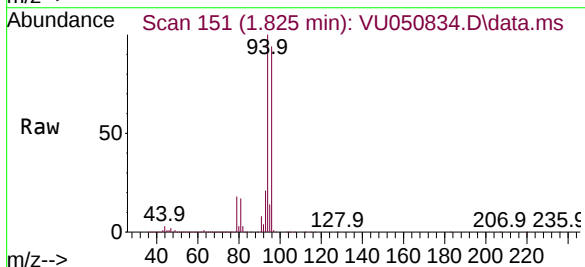
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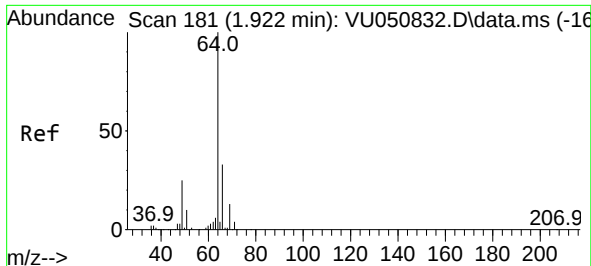
Tgt Ion: 62 Resp: 1096031
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.2 41.2



#6
 Bromomethane
 Concen: 193.191 ug/L
 RT: 1.825 min Scan# 151
 Delta R.T. -0.013 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

Tgt Ion: 94 Resp: 498519
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.0 119.0

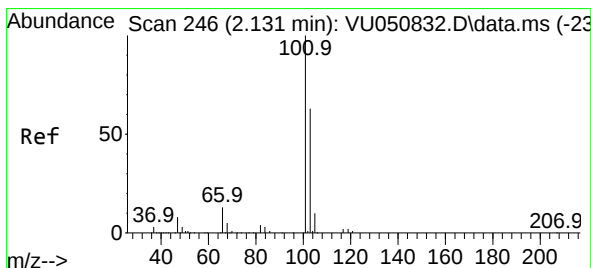
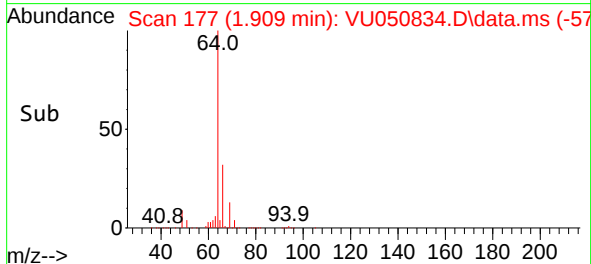
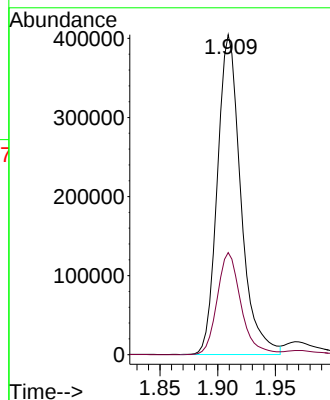
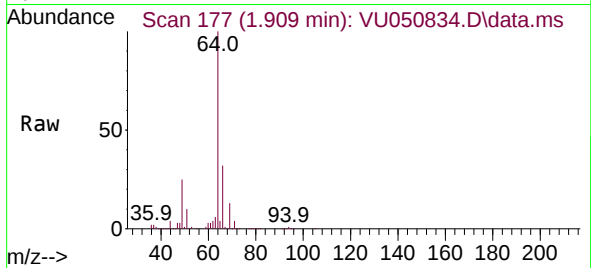




#8
Chloroethane
Concen: 212.045 ug/L
RT: 1.909 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

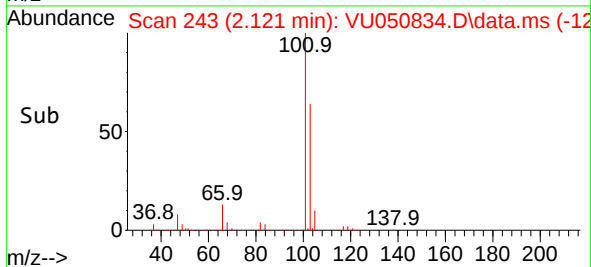
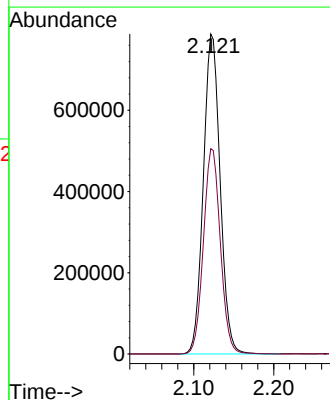
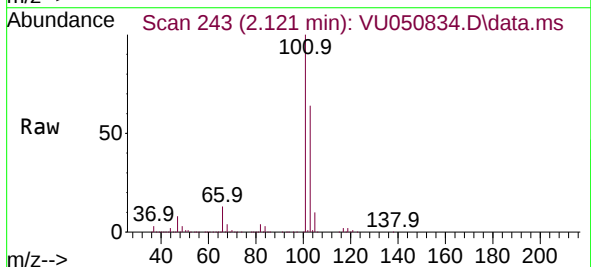
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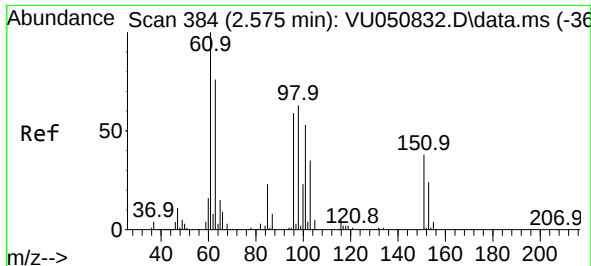
Tgt Ion: 64 Resp: 570283
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 192.720 ug/L
RT: 2.121 min Scan# 243
Delta R.T. -0.010 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 101 Resp: 1153145
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

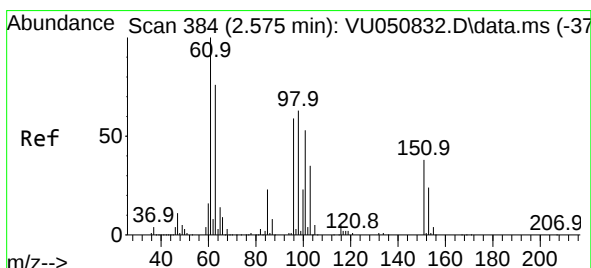
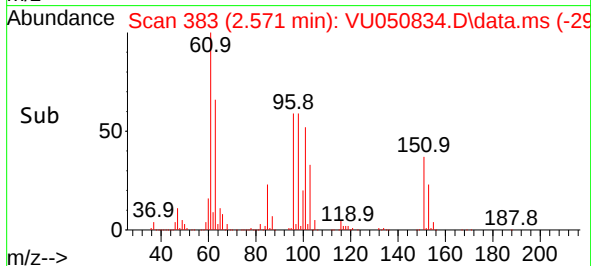
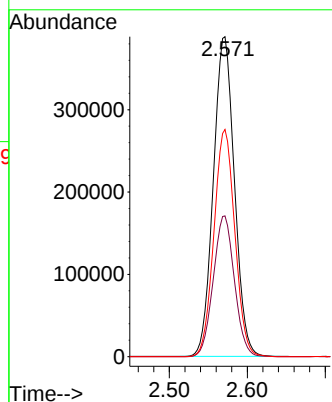
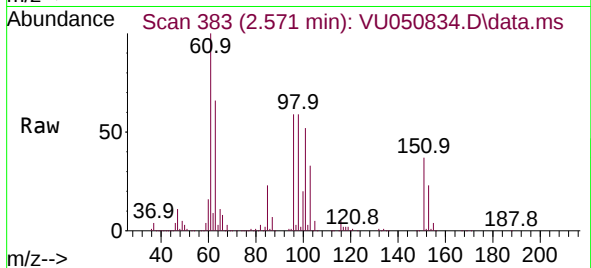




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 187.268 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

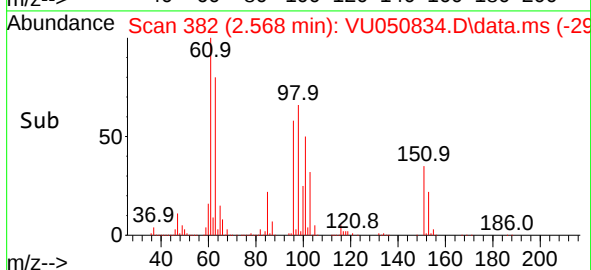
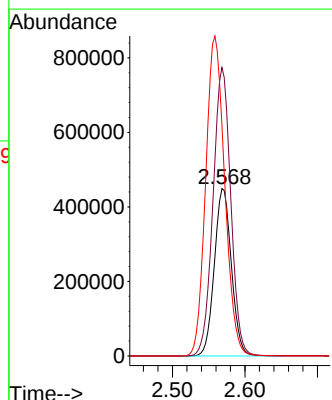
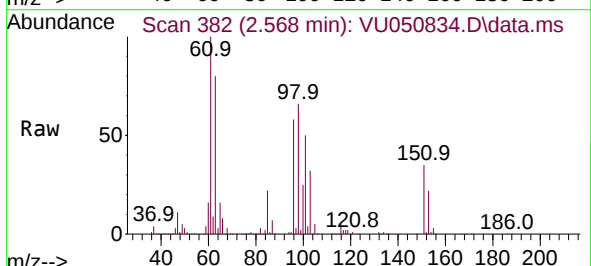
Instrument :
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 VSTD200035

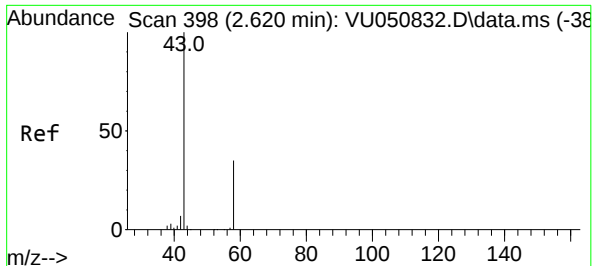
Tgt Ion:101 Resp: 730731
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.1 52.7
 151 70.4 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 194.492 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.007 min
 Lab File: VU050834.D
 Acq: 20 Sep 2022 15:29

Tgt Ion: 96 Resp: 733068
 Ion Ratio Lower Upper
 96 100
 61 172.3 118.6 220.2
 63 137.7 90.4 168.0





#13

Acetone

Concen: 372.463 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

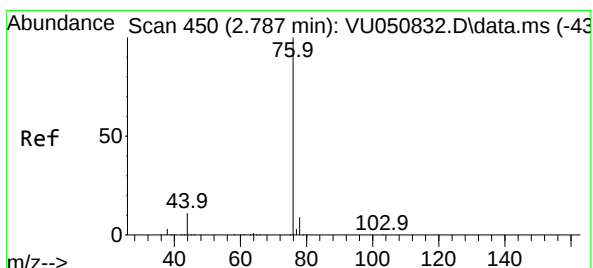
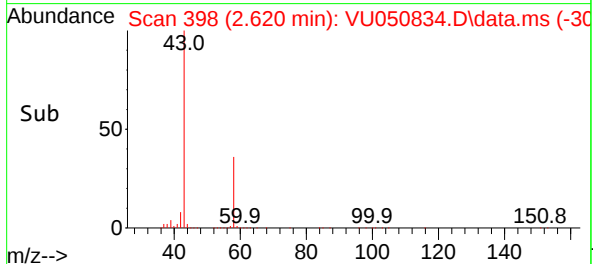
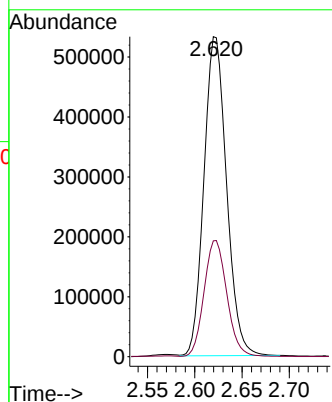
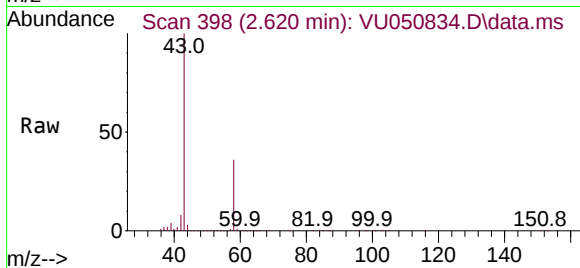
VSTD200035

Tgt Ion: 43 Resp: 887094

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.4



#14

Carbon disulfide

Concen: 203.329 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.003 min

Lab File: VU050834.D

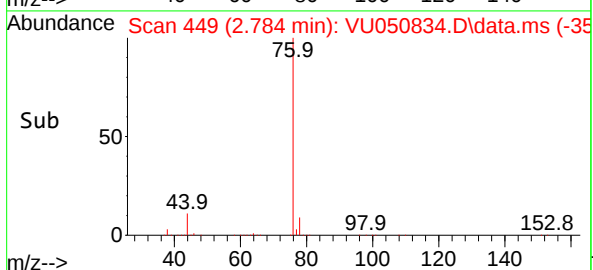
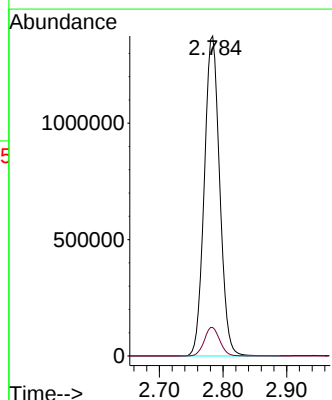
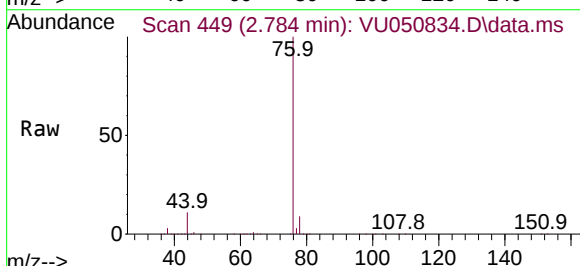
Acq: 20 Sep 2022 15:29

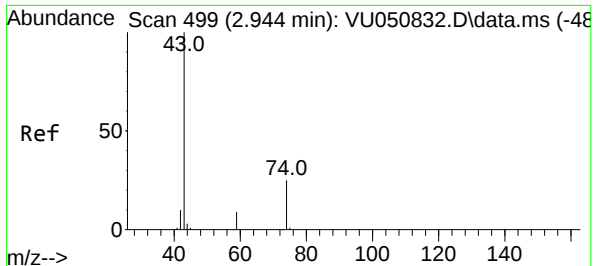
Tgt Ion: 76 Resp: 2308674

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

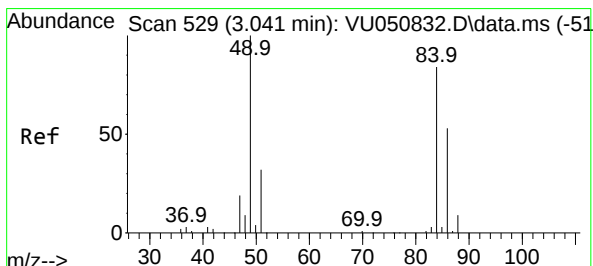
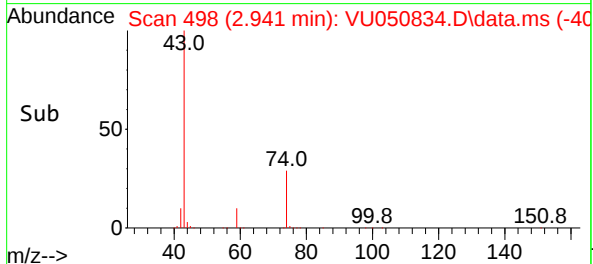
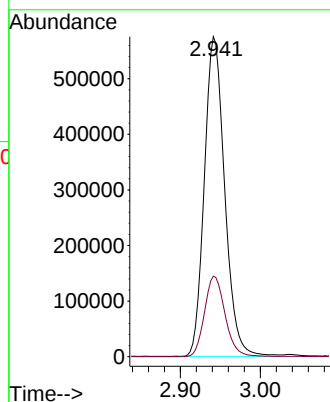
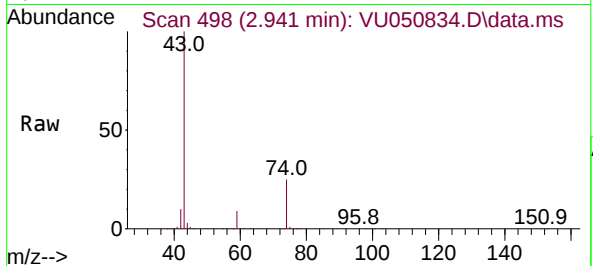




#15
Methyl Acetate
Concen: 204.426 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

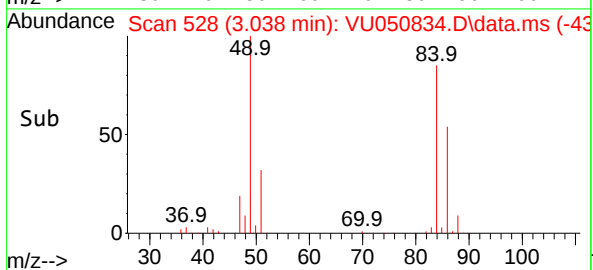
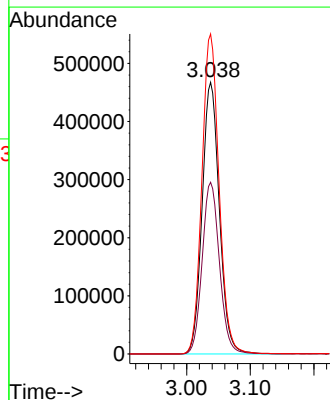
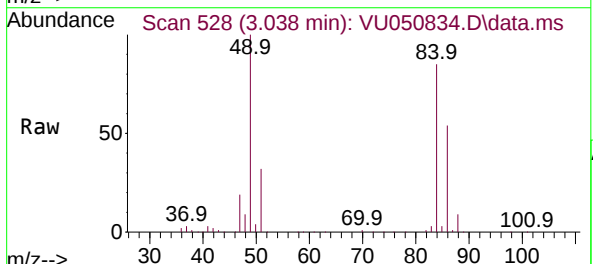
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MSVOA_U
ClientSampleId :
VSTD200035

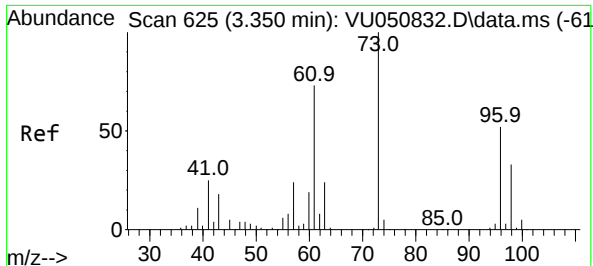
Tgt Ion: 43 Resp: 1018852
Ion Ratio Lower Upper
43 100
74 25.5 19.9 29.9



#16
Methylene chloride
Concen: 177.355 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 84 Resp: 877434
Ion Ratio Lower Upper
84 100
86 63.2 44.4 82.5
49 117.8 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 192.043 ug/L

RT: 3.346 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035

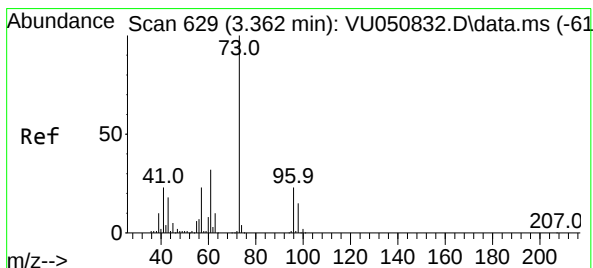
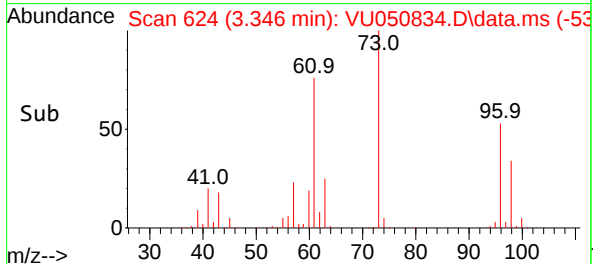
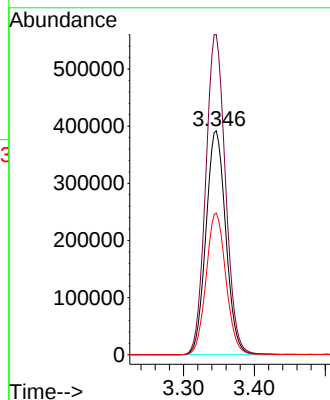
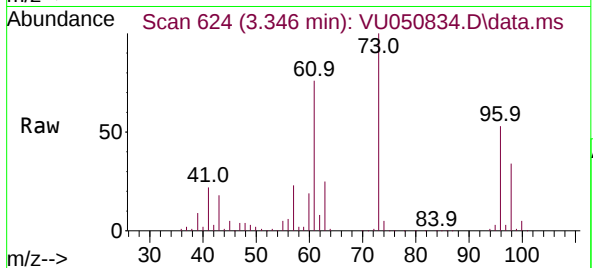
Tgt Ion: 96 Resp: 762044

Ion Ratio Lower Upper

96 100

61 143.0 98.0 182.0

98 63.3 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 204.506 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

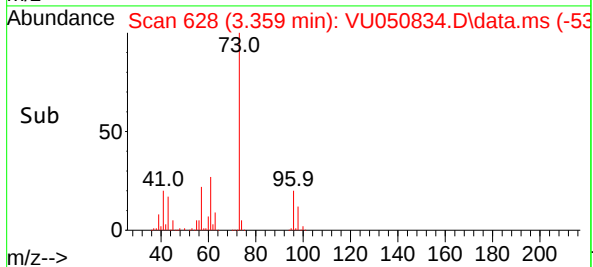
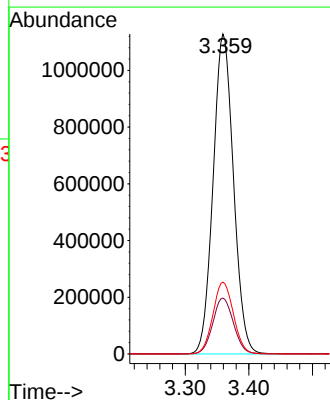
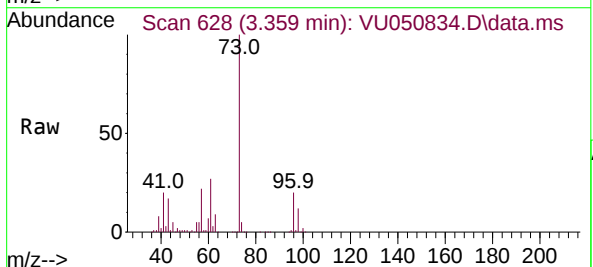
Tgt Ion: 73 Resp: 2507983

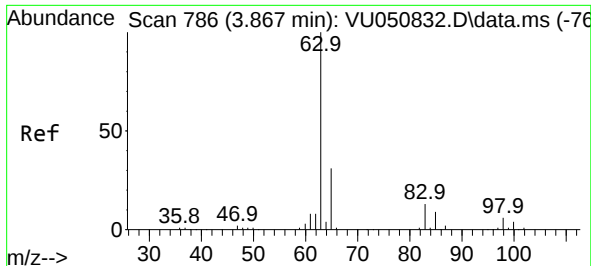
Ion Ratio Lower Upper

73 100

43 17.6 14.4 21.6

57 22.6 18.6 27.8





#19

1,1-Dichloroethane

Concen: 193.226 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

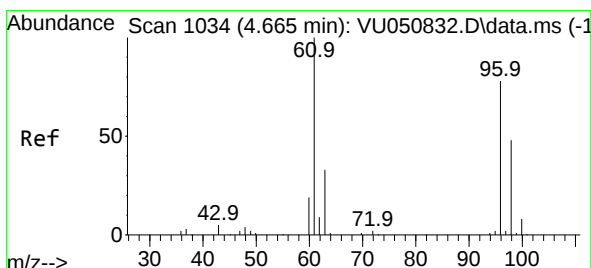
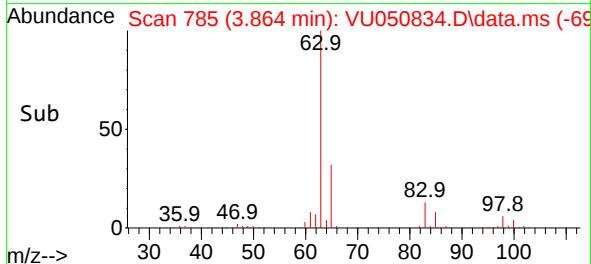
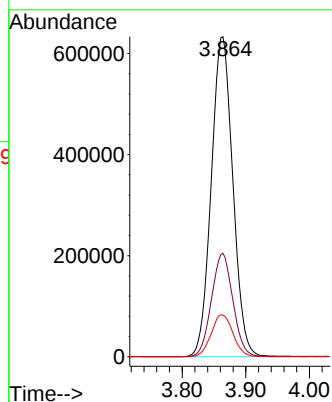
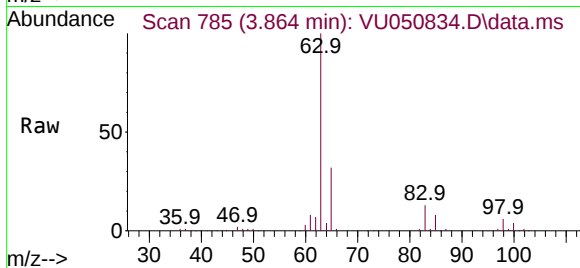
MSVOA_U

ClientSampleId :

VSTD200035

Tgt Ion: 63 Resp: 1489004

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.5	39.9
83	13.0	9.3	17.3



#20

cis-1,2-Dichloroethene

Concen: 196.654 ug/L

RT: 4.661 min Scan# 1033

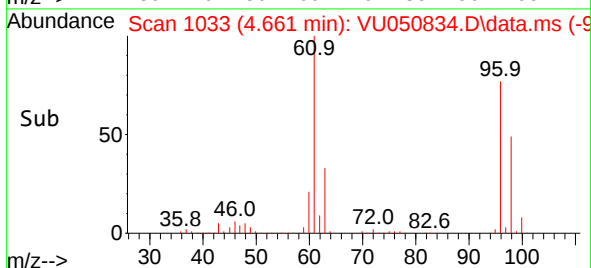
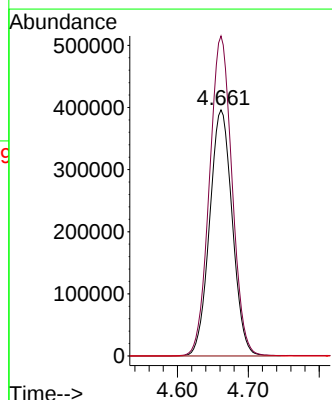
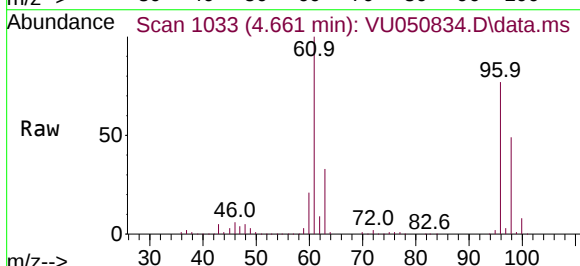
Delta R.T. -0.003 min

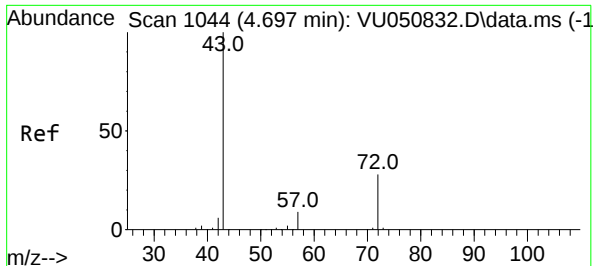
Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Tgt Ion: 96 Resp: 880403

Ion	Ratio	Lower	Upper
96	100		
61	130.0	90.1	167.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 418.659 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

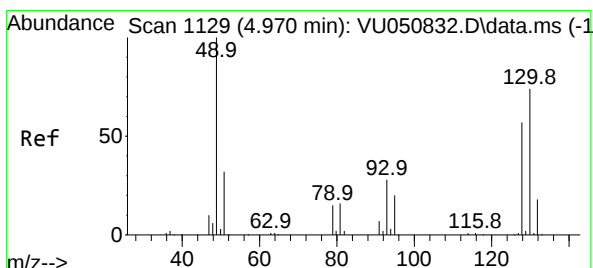
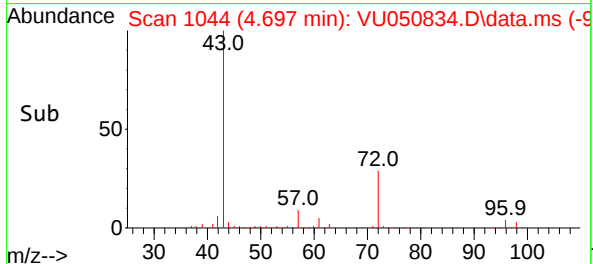
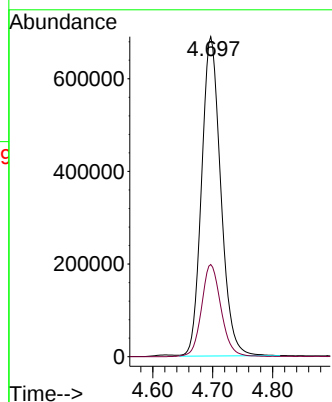
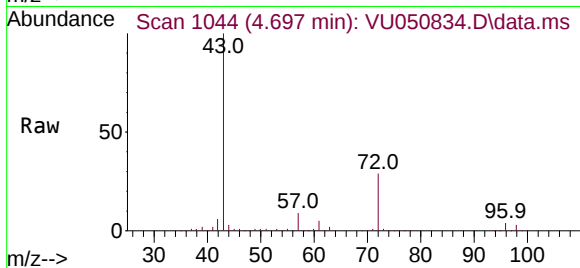
VSTD200035

Tgt Ion: 43 Resp: 1534032

Ion Ratio Lower Upper

43 100

72 29.6 14.8 44.3



#23

Bromochloromethane

Concen: 185.551 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Tgt Ion:128 Resp: 428573

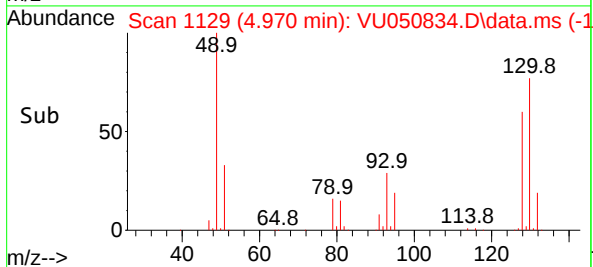
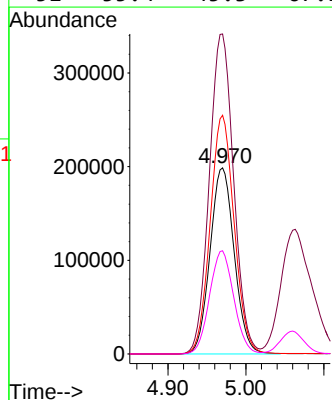
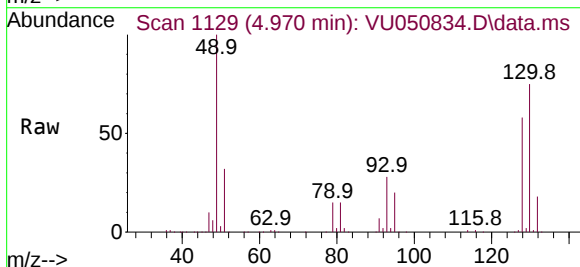
Ion Ratio Lower Upper

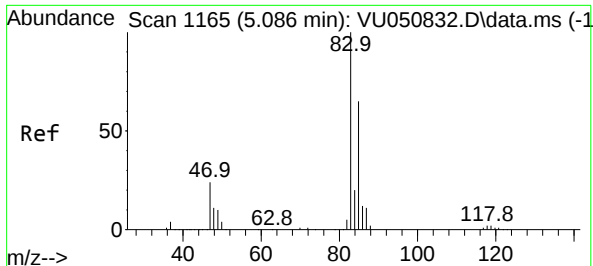
128 100

49 172.0 123.1 228.5

130 128.3 90.9 168.7

51 55.4 45.3 67.9





#25

Chloroform

Concen: 190.246 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

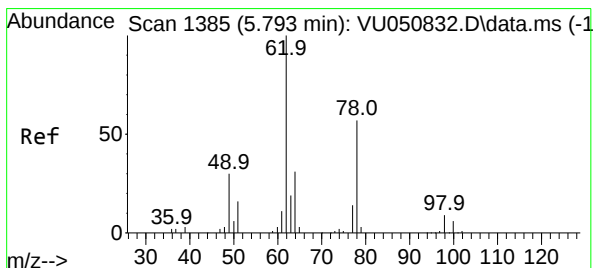
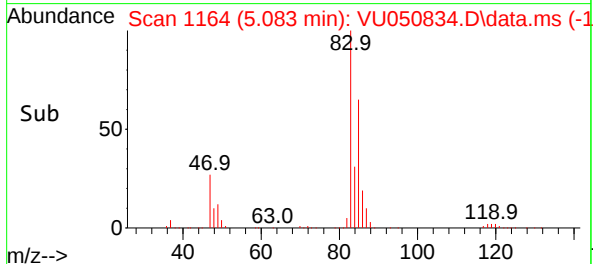
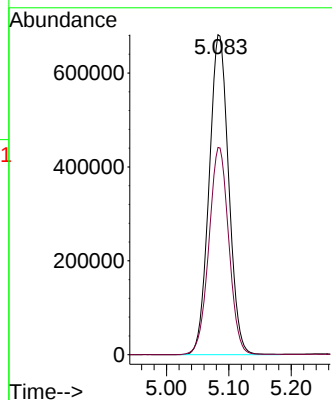
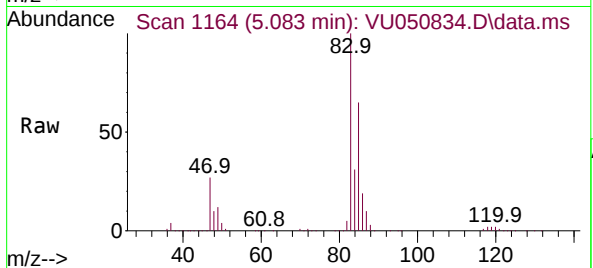
VSTD200035

Tgt Ion: 83 Resp: 1485591

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 194.830 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050834.D

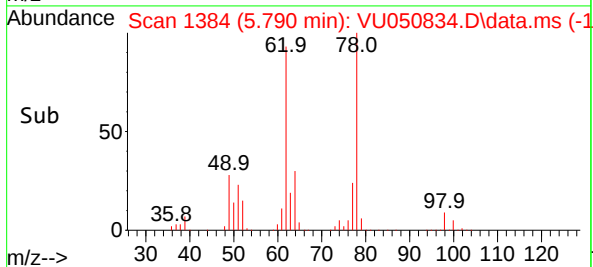
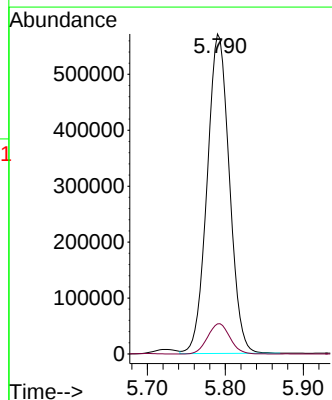
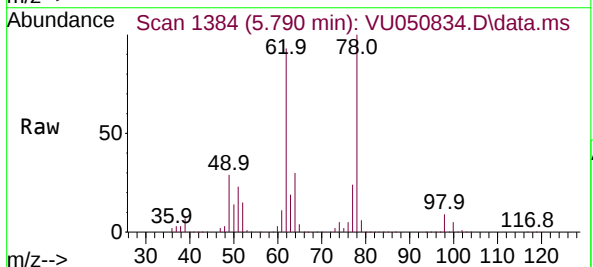
Acq: 20 Sep 2022 15:29

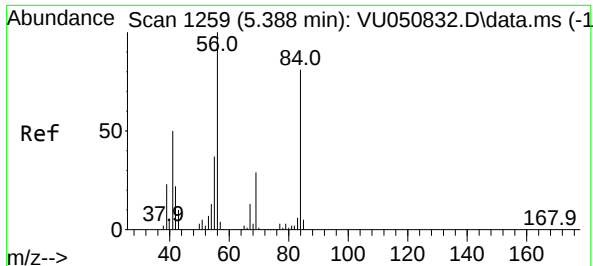
Tgt Ion: 62 Resp: 1133114

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 217.047 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035

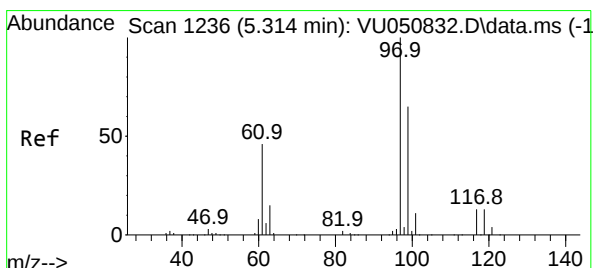
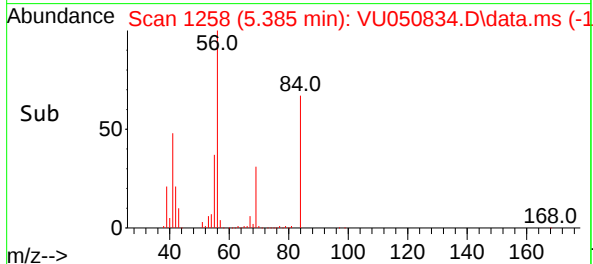
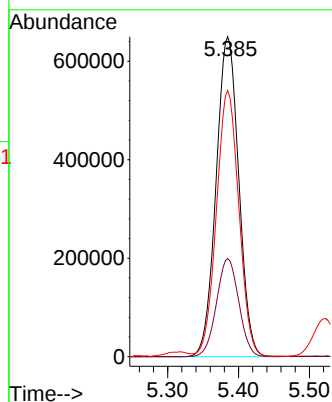
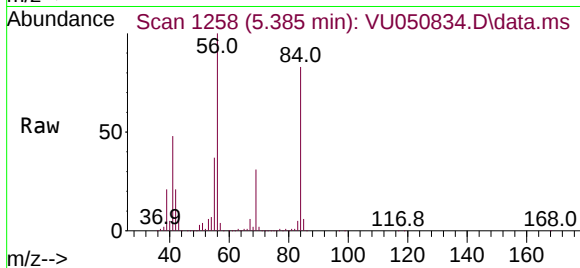
Tgt Ion: 56 Resp: 1442824

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 82.0 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 186.993 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

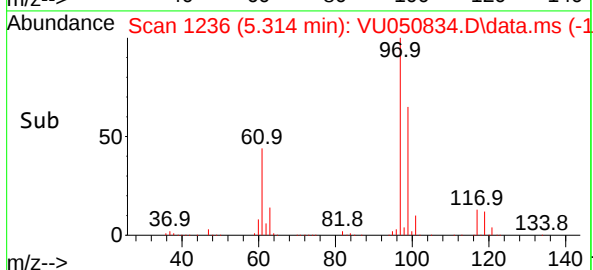
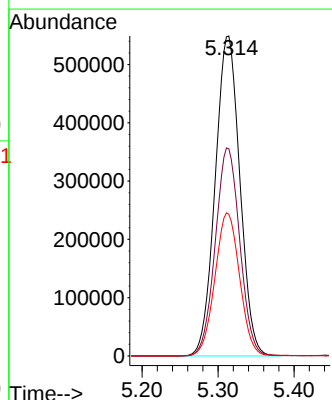
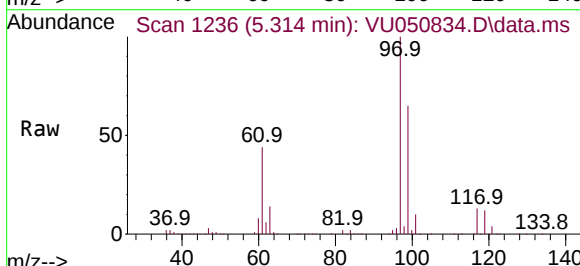
Tgt Ion: 97 Resp: 1236174

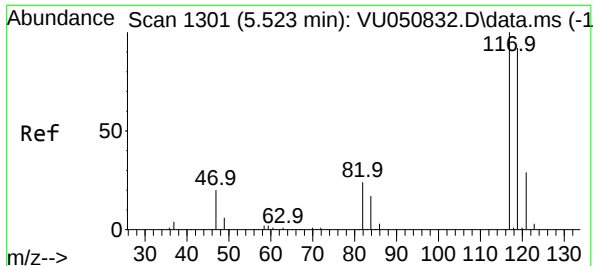
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 44.8 37.1 55.7

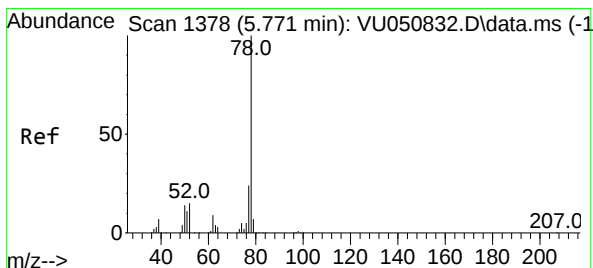
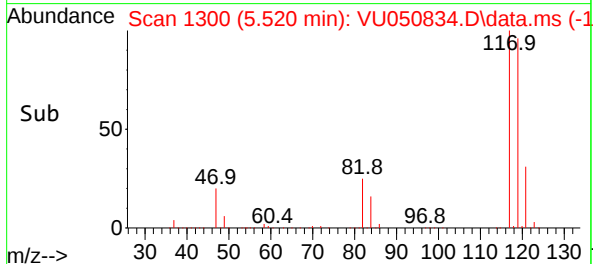
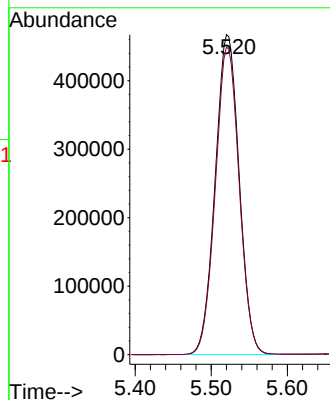
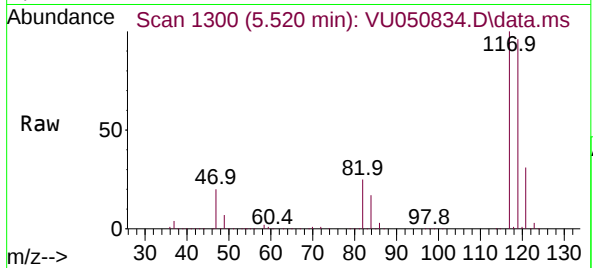




#31
Carbon tetrachloride
Concen: 187.989 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

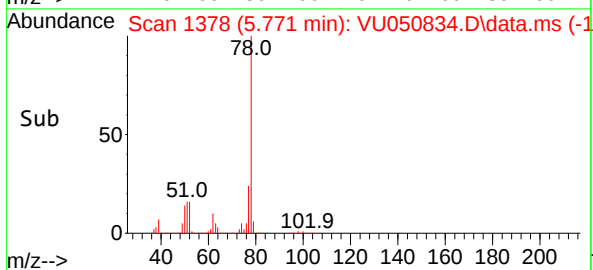
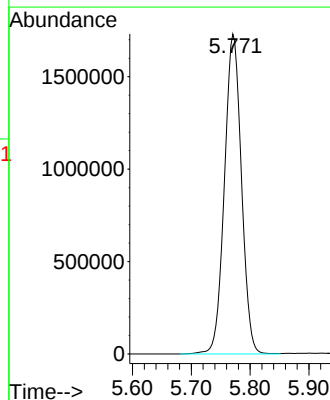
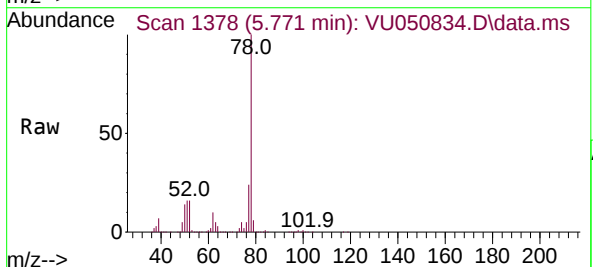
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

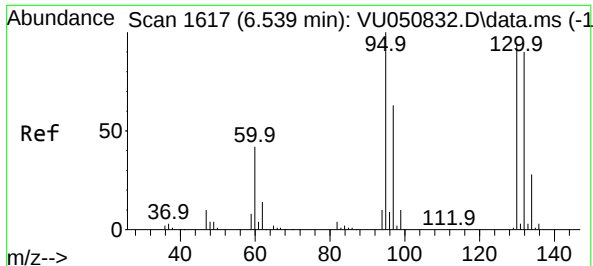
Tgt Ion:117 Resp: 1022351
Ion Ratio Lower Upper
117 100
119 95.6 76.0 114.0



#33
Benzene
Concen: 193.146 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 78 Resp: 3472232

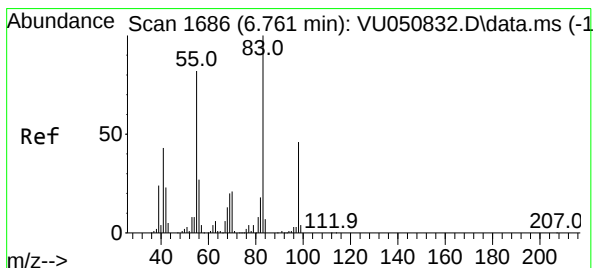
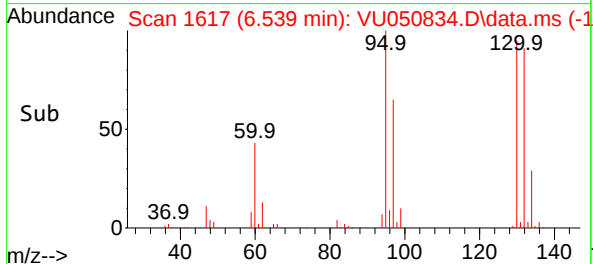
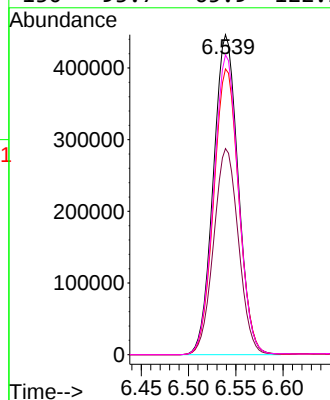
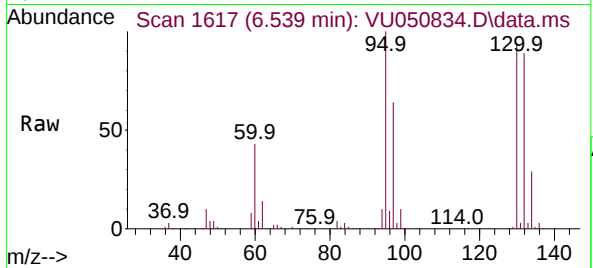




#34
Trichloroethene
Concen: 196.144 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

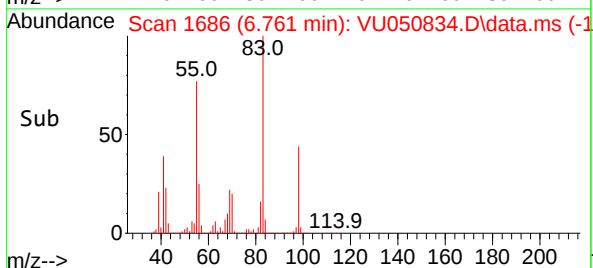
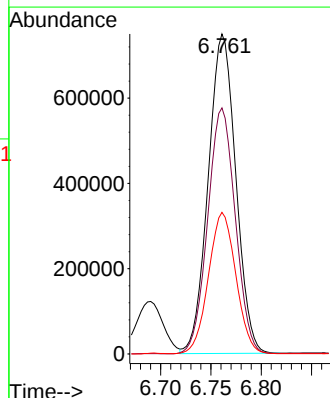
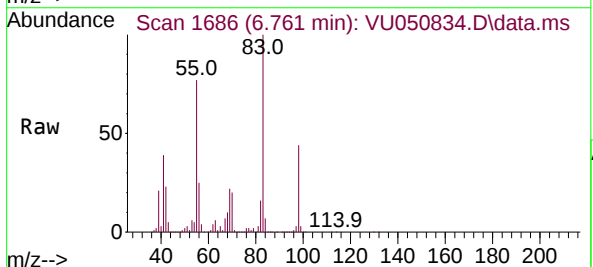
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

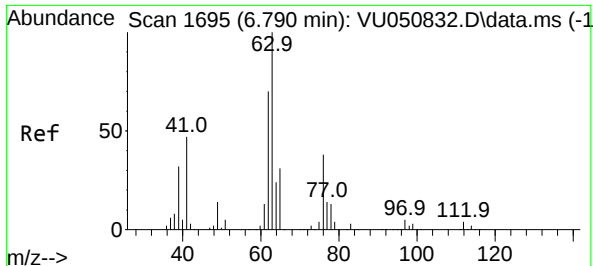
Tgt Ion: 95 Resp: 816704
Ion Ratio Lower Upper
95 100
97 64.4 43.9 81.5
132 89.3 63.1 117.1
130 93.7 65.9 122.3



#35
Methylcyclohexane
Concen: 214.167 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 83 Resp: 1431489
Ion Ratio Lower Upper
83 100
55 77.0 64.7 97.1
98 43.9 35.2 52.8





#37

1,2-Dichloropropane

Concen: 195.936 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

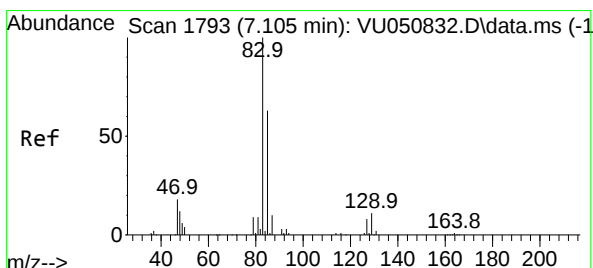
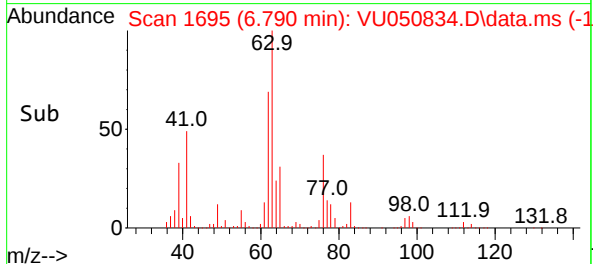
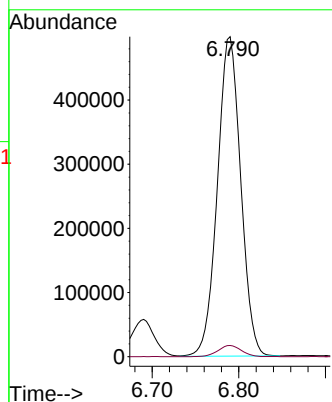
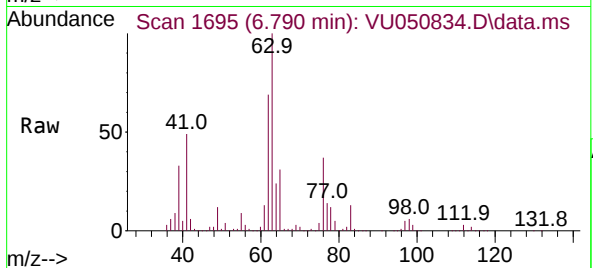
VSTD200035

Tgt Ion: 63 Resp: 932204

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 204.325 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

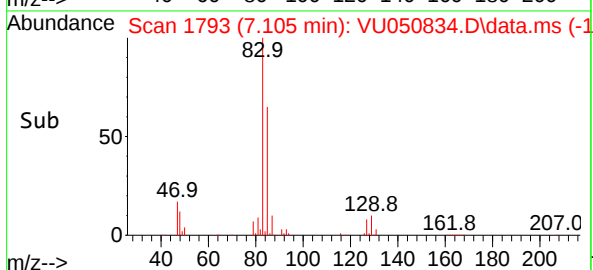
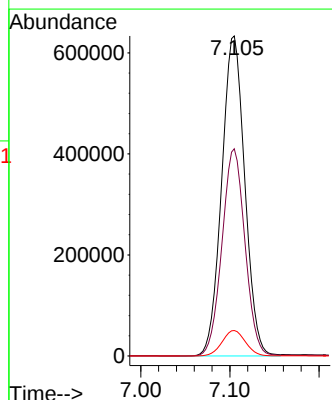
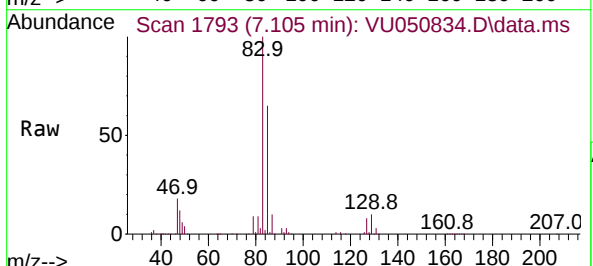
Tgt Ion: 83 Resp: 1140971

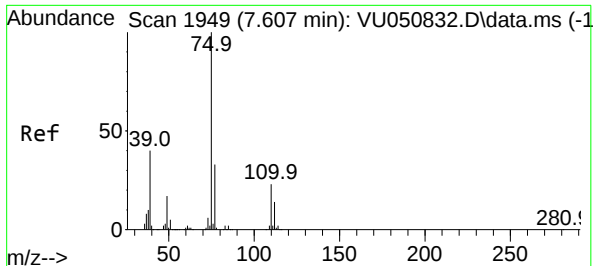
Ion Ratio Lower Upper

83 100

85 64.7 44.3 82.3

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 221.590 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

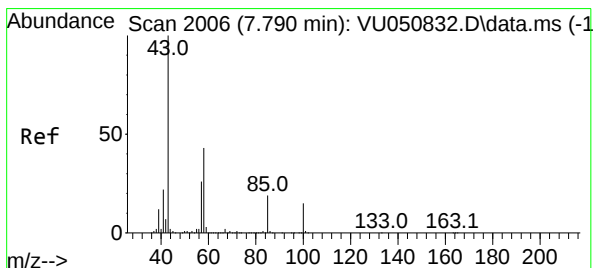
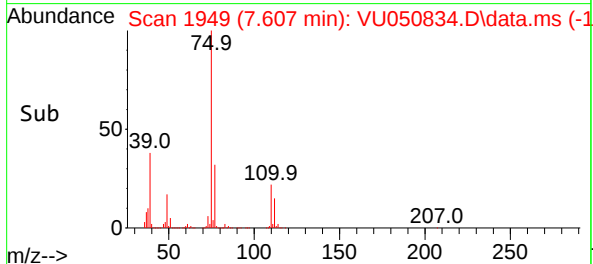
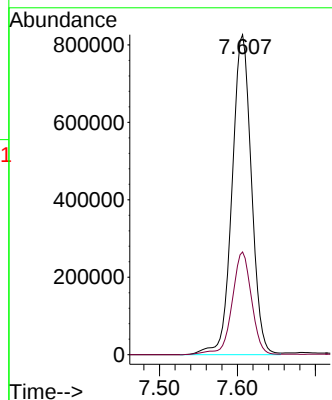
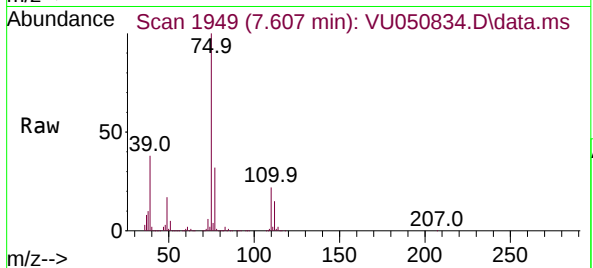
VSTD200035

Tgt Ion: 75 Resp: 1423757

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 455.426 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

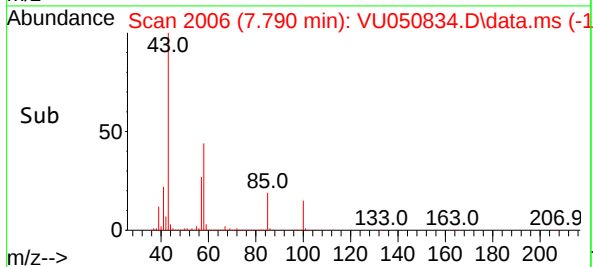
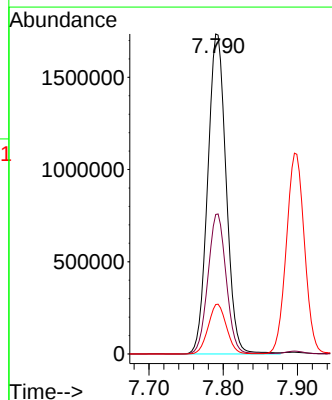
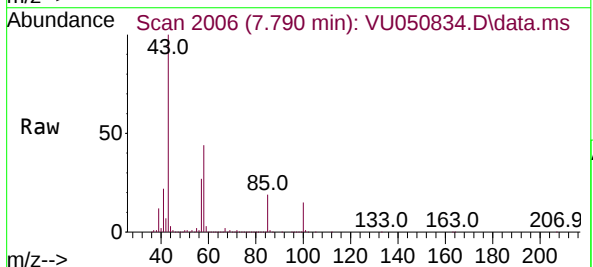
Tgt Ion: 43 Resp: 2983433

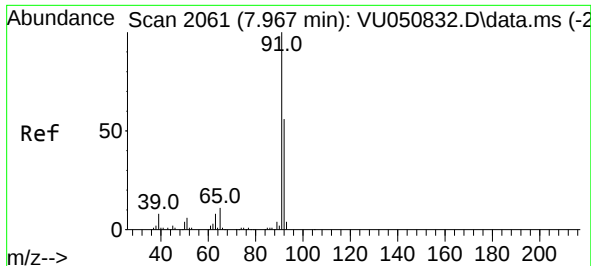
Ion Ratio Lower Upper

43 100

58 43.5 33.8 50.6

100 15.5 12.0 18.0





#42

Toluene

Concen: 200.244 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

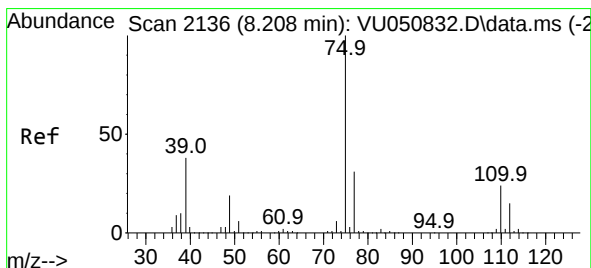
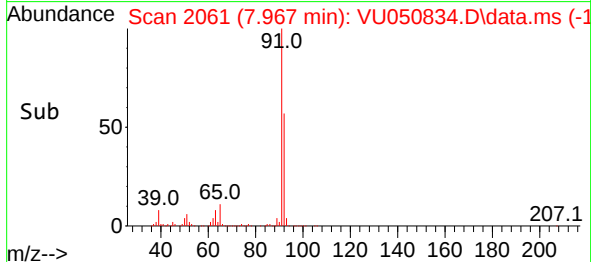
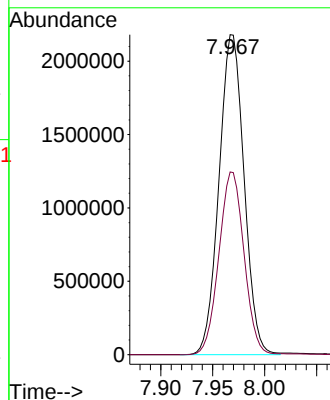
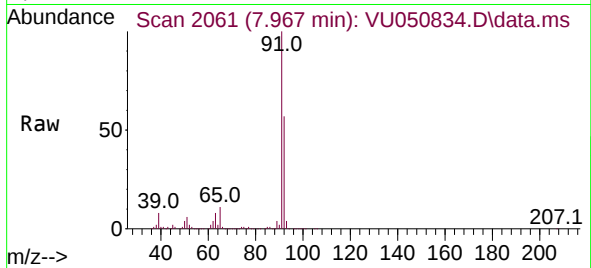
VSTD200035

Tgt Ion: 91 Resp: 3659310

Ion Ratio Lower Upper

91 100

92 57.1 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 221.462 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU050834.D

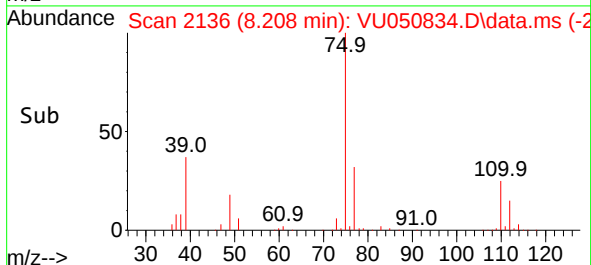
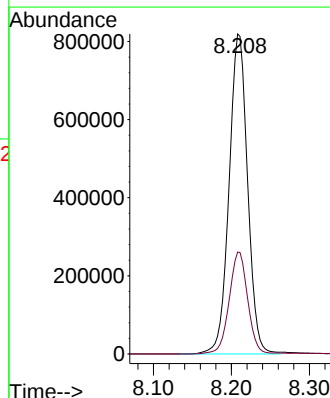
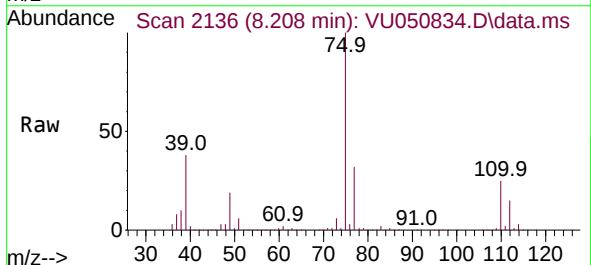
Acq: 20 Sep 2022 15:29

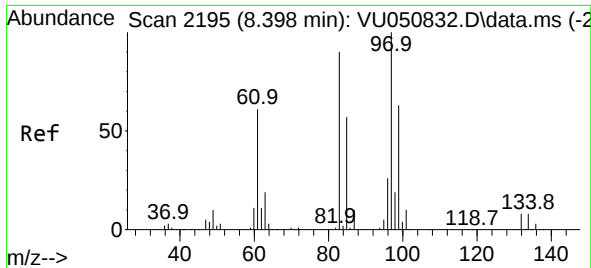
Tgt Ion: 75 Resp: 1352615

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7

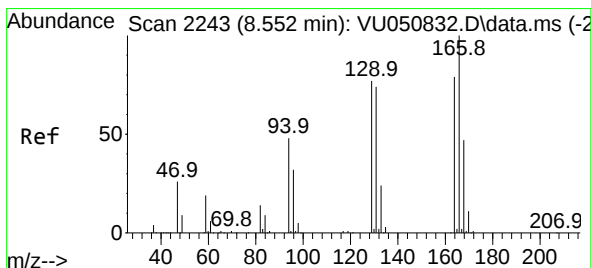
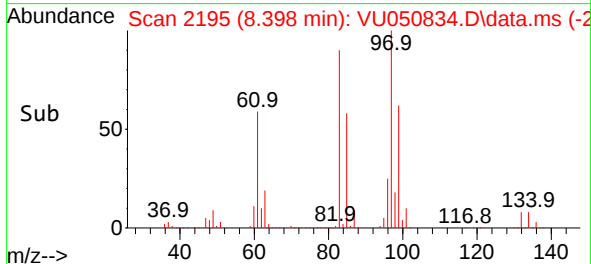
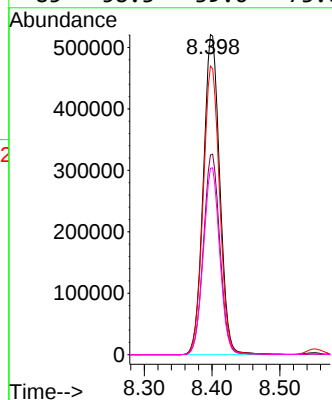
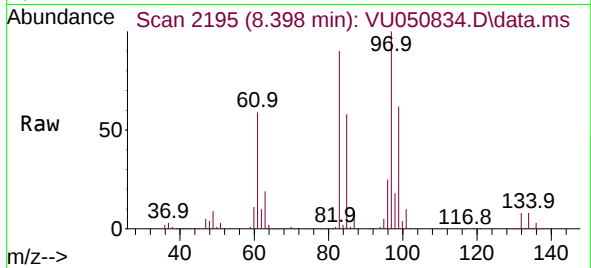




#45
1,1,2-Trichloroethane
Concen: 192.885 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

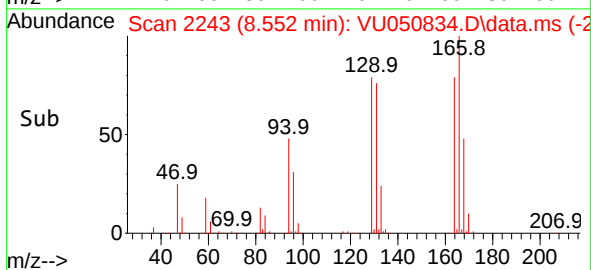
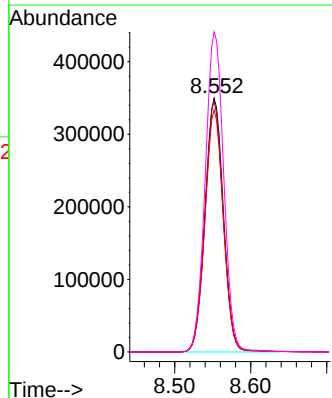
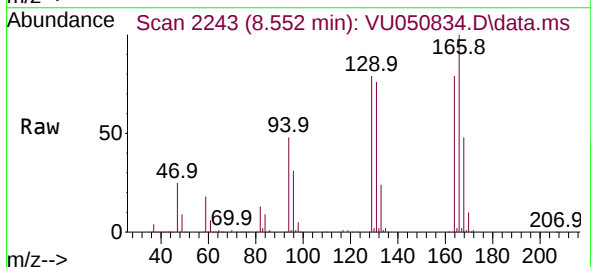
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

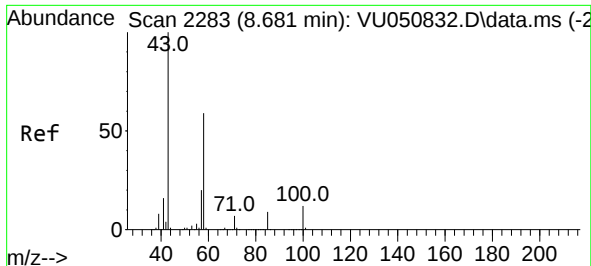
Tgt Ion:	97	Resp:	878010
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.4
83	90.2	62.6	116.3
85	58.3	39.6	73.6



#46
Tetrachloroethene
Concen: 192.867 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion:	164	Resp:	586385
Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.5	127.3
131	95.4	66.1	122.7
166	126.1	88.8	164.8

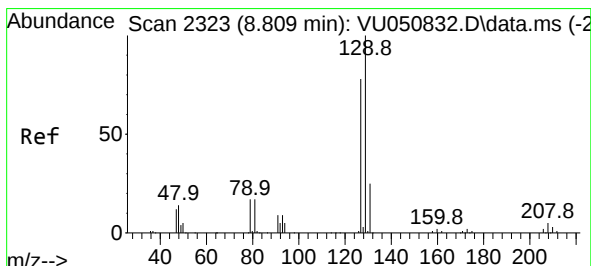
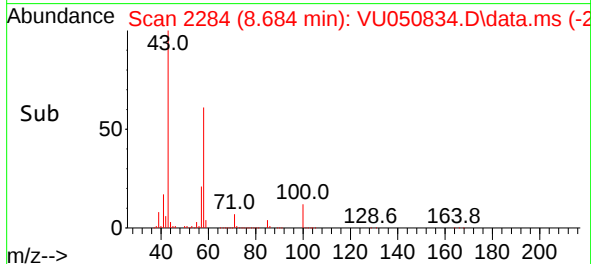
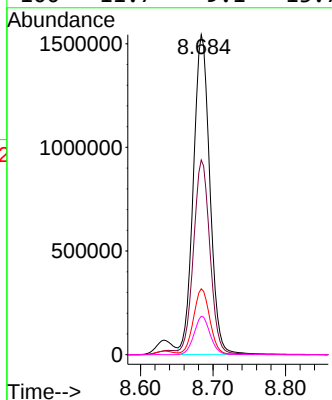
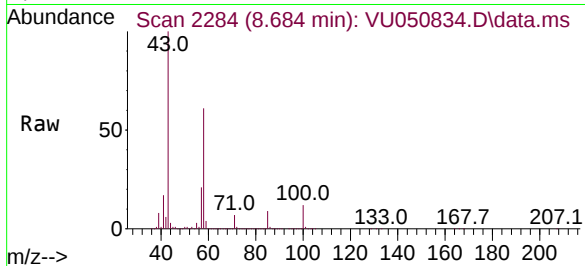




#48
2-Hexanone
Concen: 405.233 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

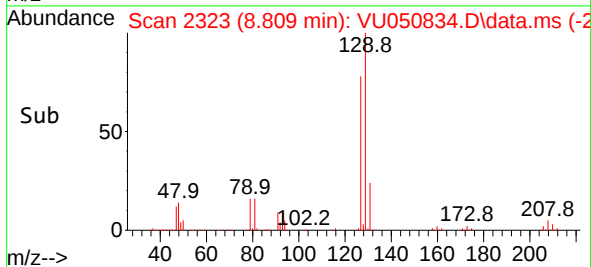
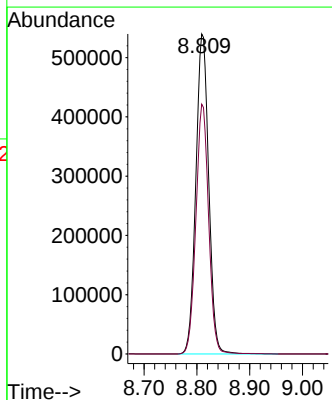
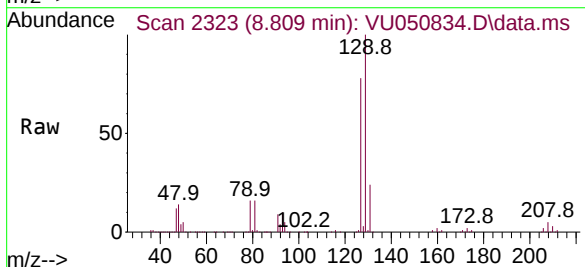
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

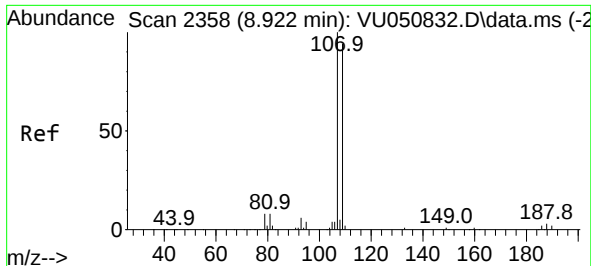
Tgt Ion: 43 Resp: 2435301
Ion Ratio Lower Upper
43 100
58 61.0 47.2 70.8
57 20.6 16.2 24.4
100 11.7 9.1 13.7



#49
Dibromochloromethane
Concen: 209.067 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 129 Resp: 913006
Ion Ratio Lower Upper
129 100
127 78.0 54.5 101.1





#50

1,2-Dibromoethane

Concen: 204.809 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035

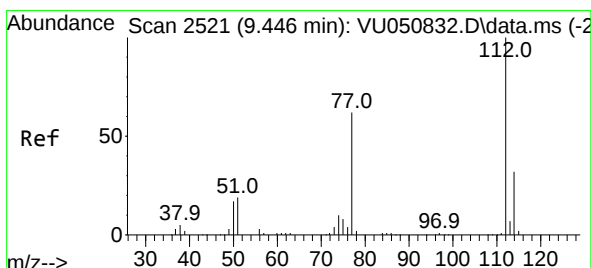
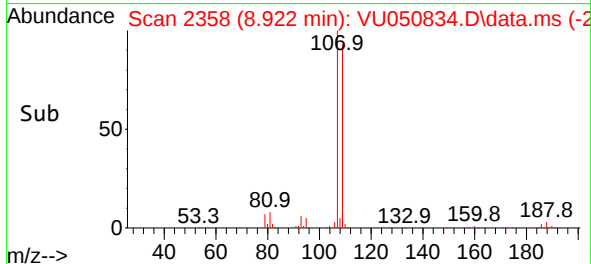
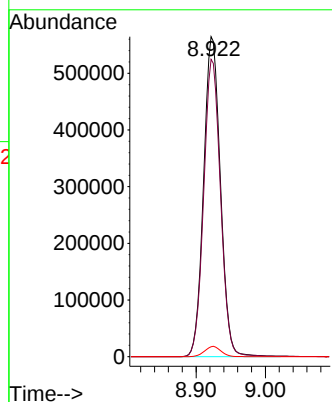
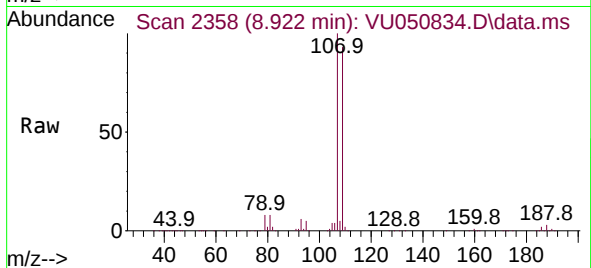
Tgt Ion:107 Resp: 949696

Ion Ratio Lower Upper

107 100

109 92.9 66.0 122.6

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 195.774 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

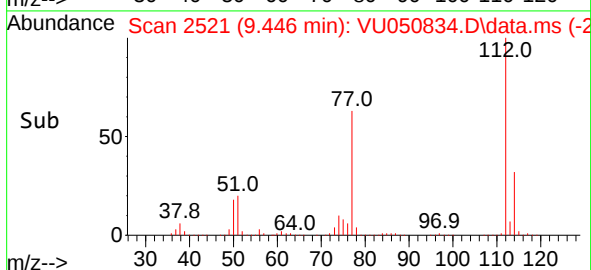
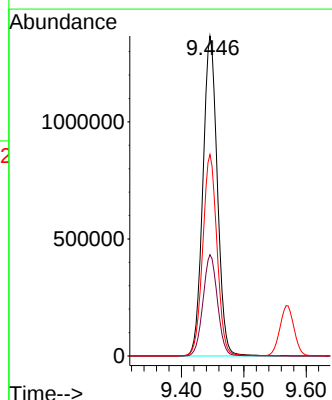
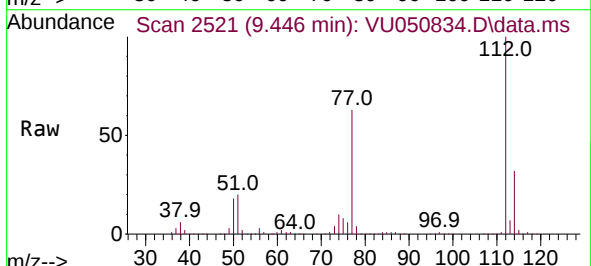
Tgt Ion:112 Resp: 2200598

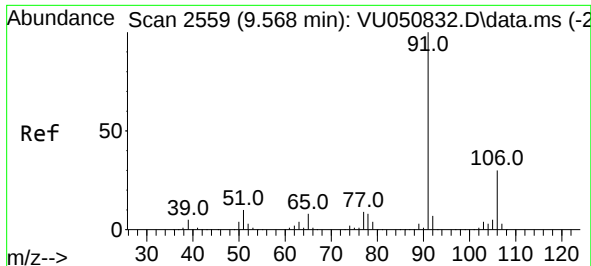
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.3

77 63.0 49.8 74.8

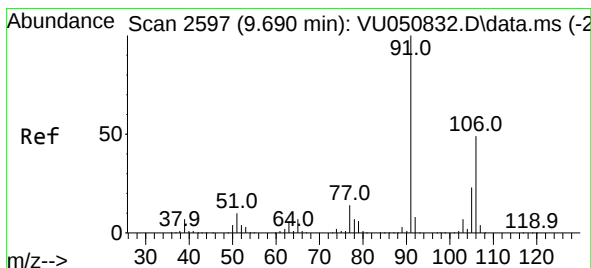
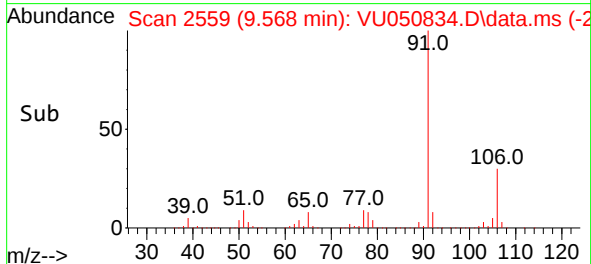
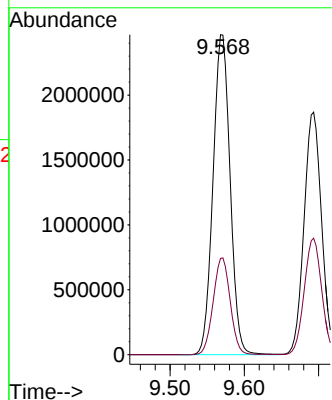
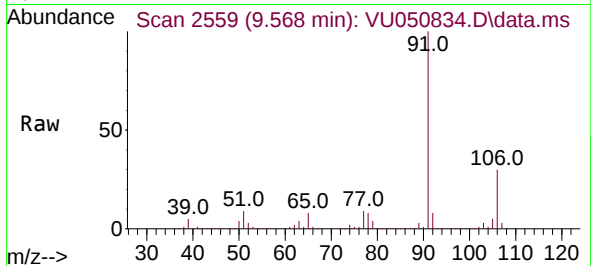




#52
Ethylbenzene
Concen: 219.566 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

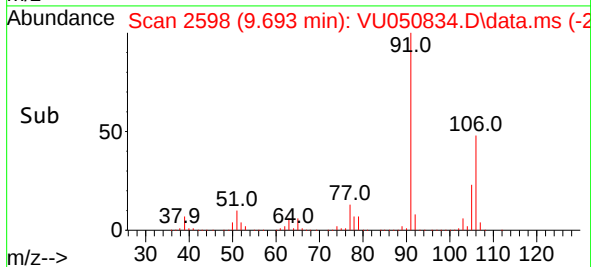
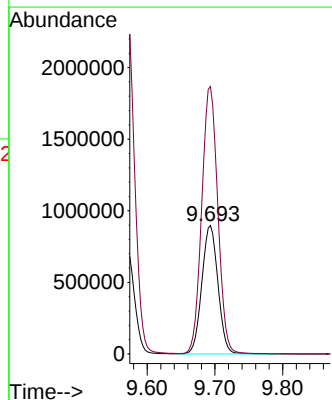
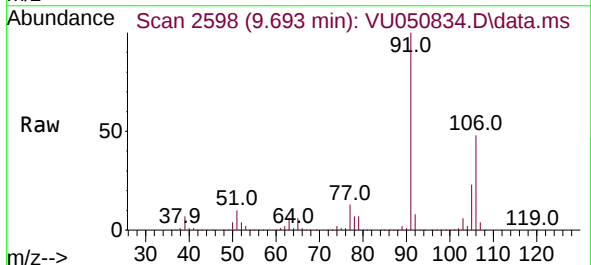
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

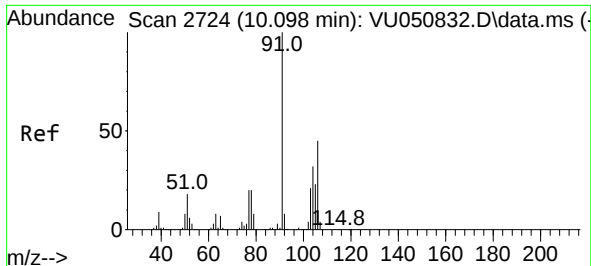
Tgt Ion: 91 Resp: 3938722
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 213.307 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 106 Resp: 1476852
Ion Ratio Lower Upper
106 100
91 208.3 144.0 267.4

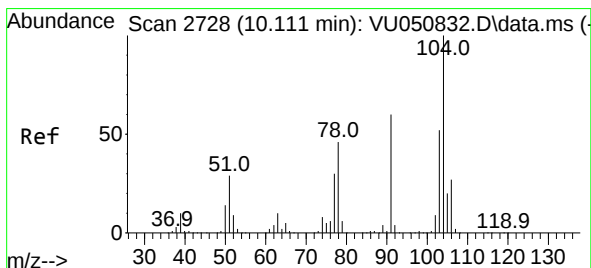
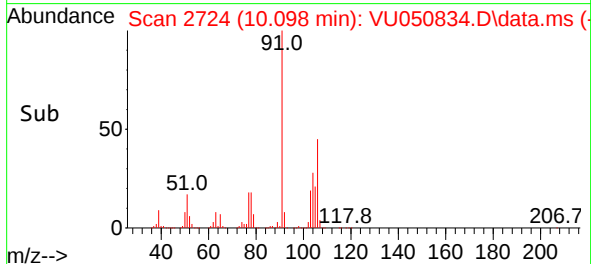
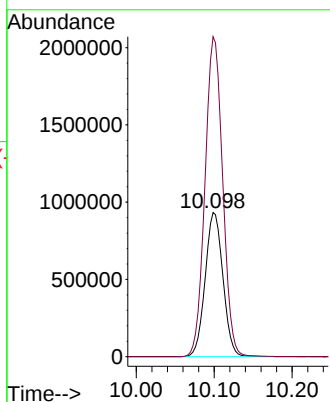
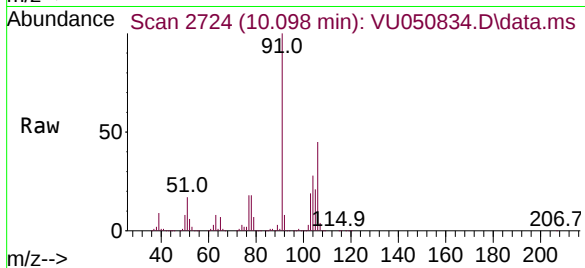




#54
o-Xylene
Concen: 216.641 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

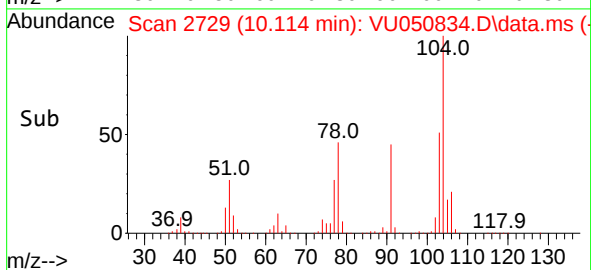
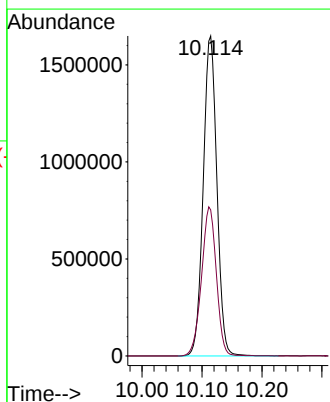
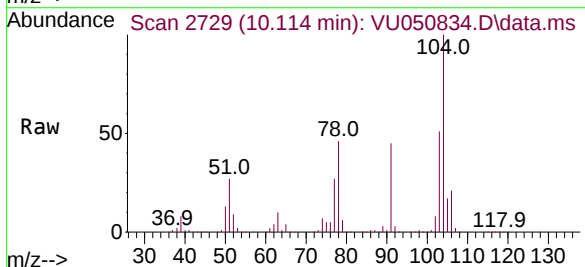
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

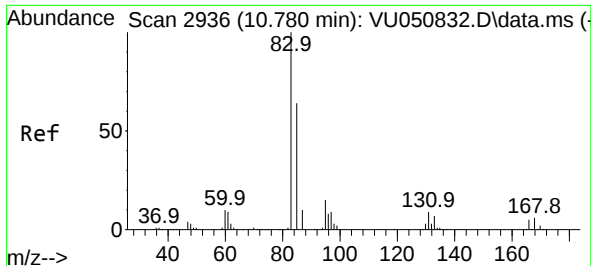
Tgt Ion:106 Resp: 1480728
Ion Ratio Lower Upper
106 100
91 221.9 154.6 287.0



#55
Styrene
Concen: 230.275 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion:104 Resp: 2619020
Ion Ratio Lower Upper
104 100
78 45.6 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 207.630 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035

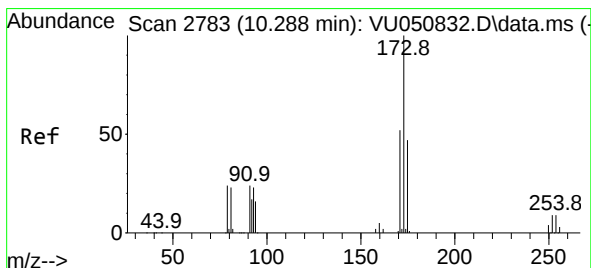
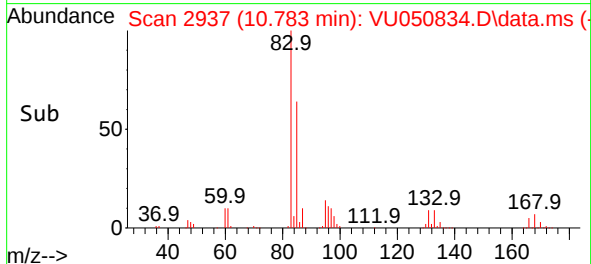
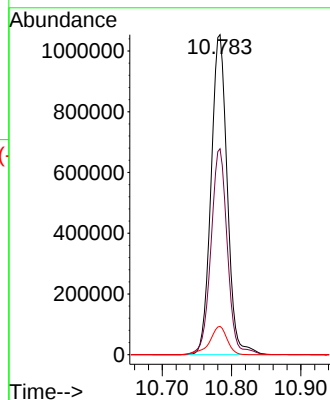
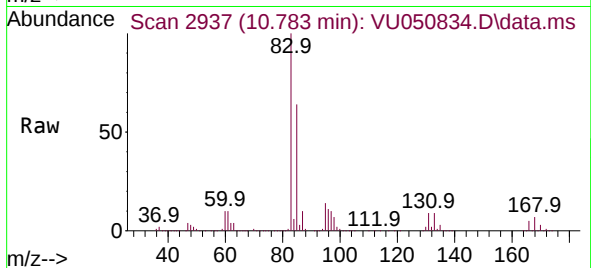
Tgt Ion: 83 Resp: 1704464

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

131 8.8 7.1 10.7



#59

Bromoform

Concen: 181.768 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

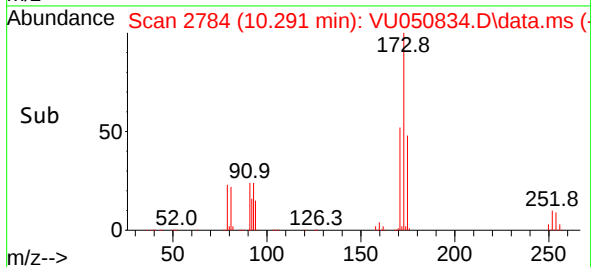
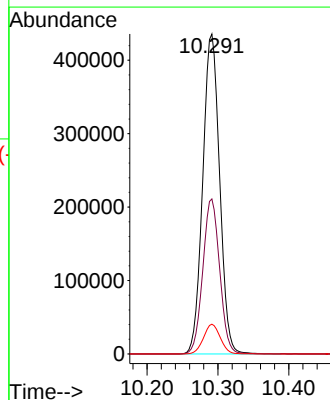
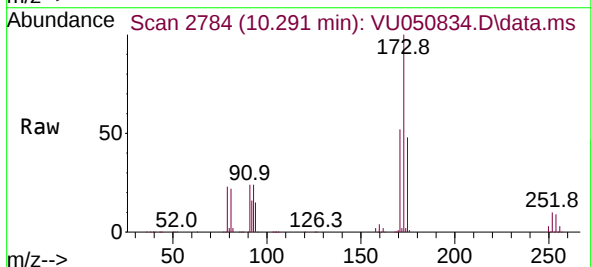
Tgt Ion:173 Resp: 721249

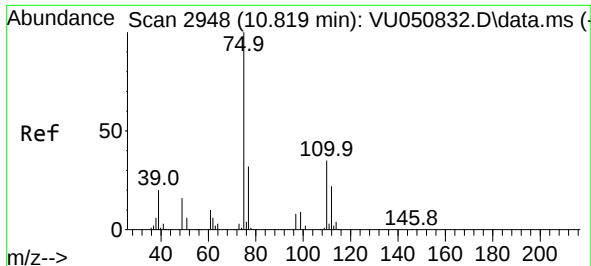
Ion Ratio Lower Upper

173 100

175 48.3 37.8 56.8

254 9.2 7.1 10.7

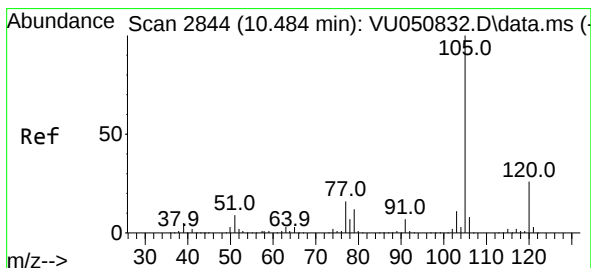
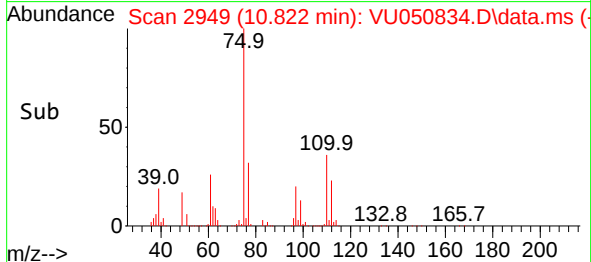
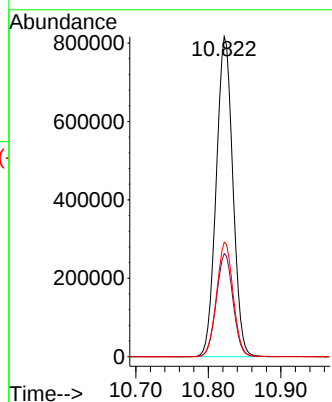
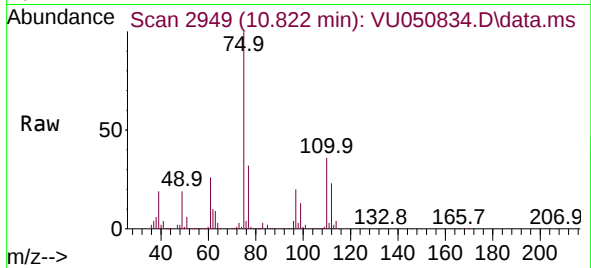




#60
1,2,3-Trichloropropane
Concen: 167.473 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

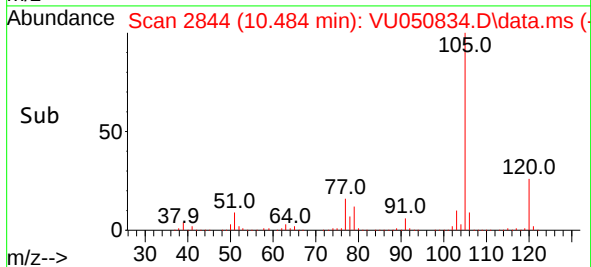
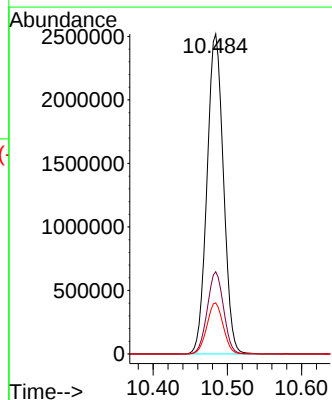
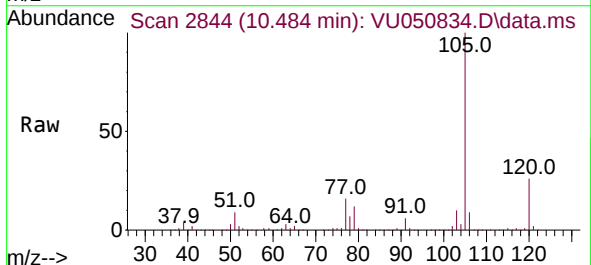
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

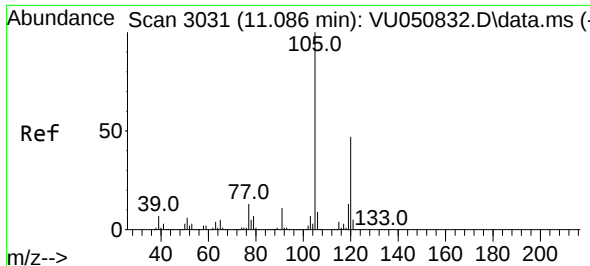
Tgt Ion: 75 Resp: 1301478
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
110 35.6 28.6 43.0



#61
Isopropylbenzene
Concen: 184.916 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion: 105 Resp: 3851983
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 15.9 12.9 19.3

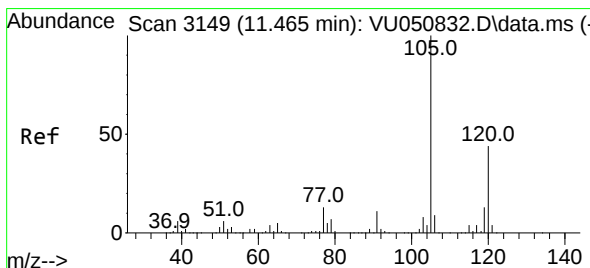
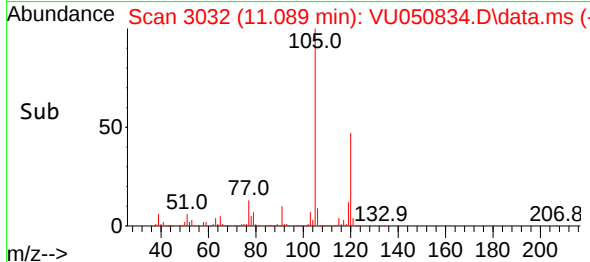
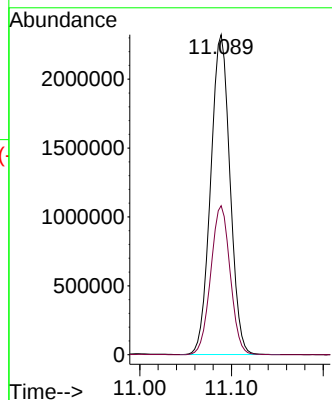
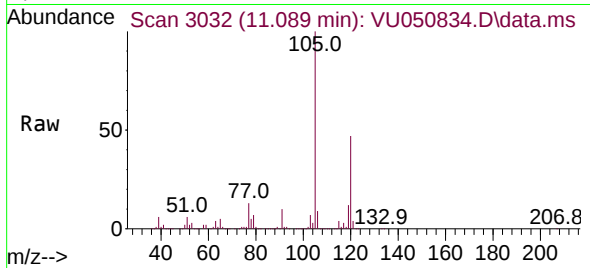




#62
1,3,5-Trimethylbenzene
Concen: 192.008 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

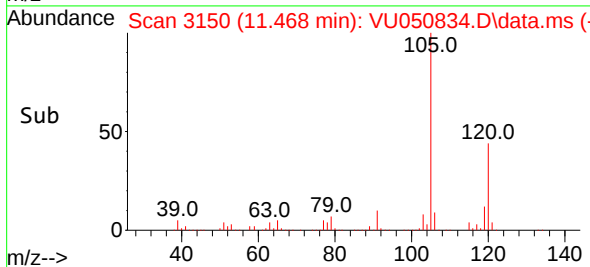
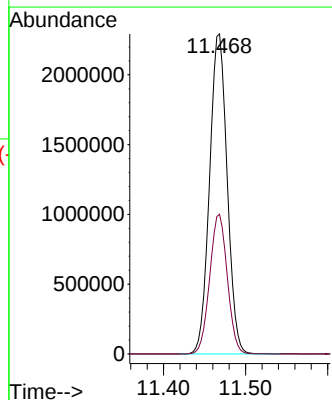
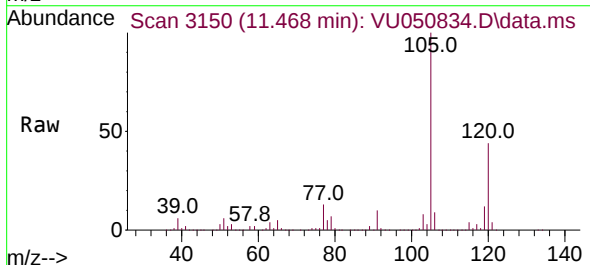
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

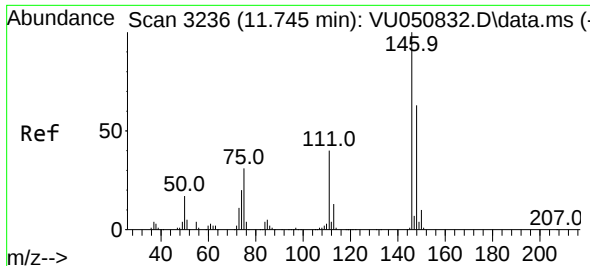
Tgt Ion:105 Resp: 3404596
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 199.532 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion:105 Resp: 3419185
Ion Ratio Lower Upper
105 100
120 43.7 34.9 52.3

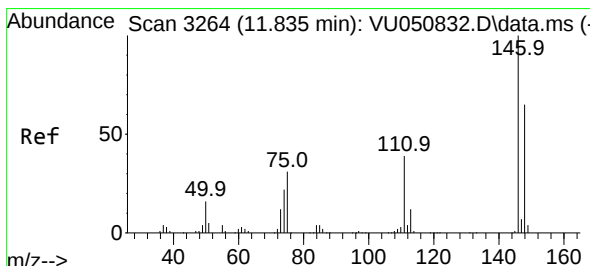
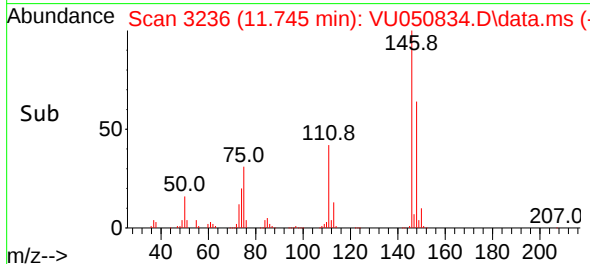
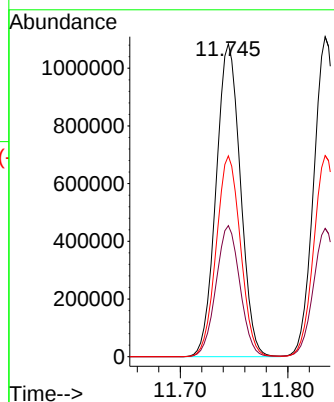
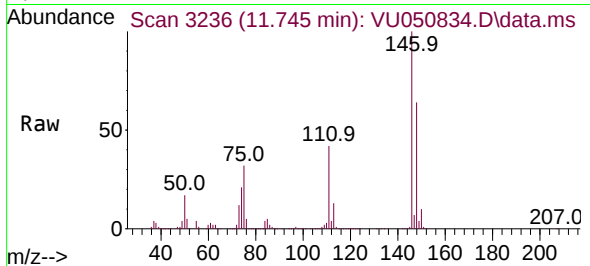




#64
1,3-Dichlorobenzene
Concen: 185.242 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

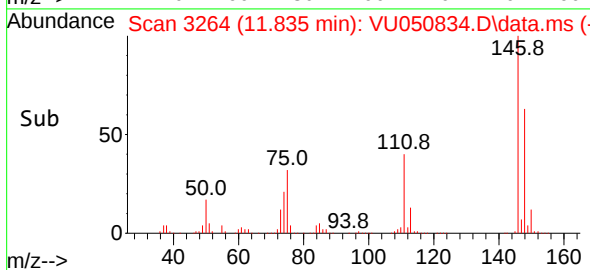
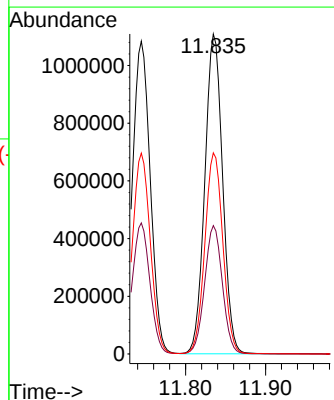
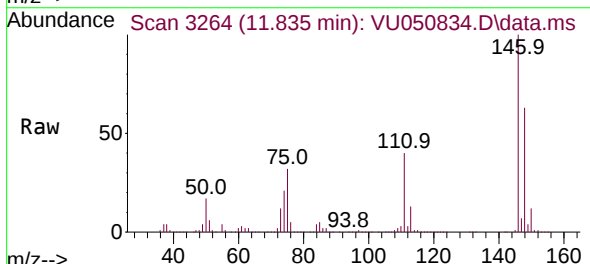
Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

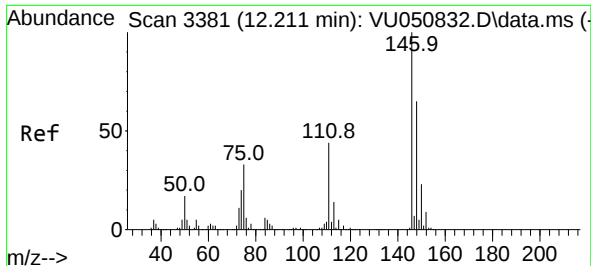
Tgt Ion:146 Resp: 1705498
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 188.605 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion:146 Resp: 1716208
Ion Ratio Lower Upper
146 100
111 40.1 27.5 51.1
148 62.9 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 179.229 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035

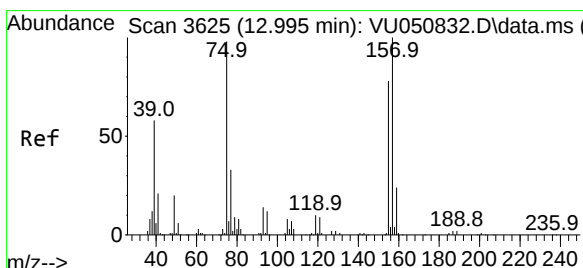
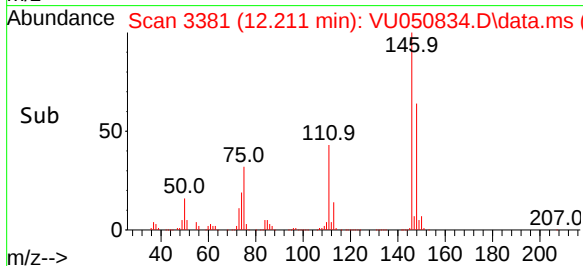
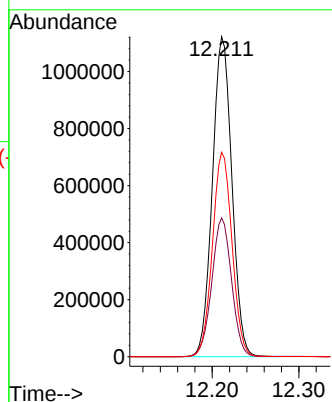
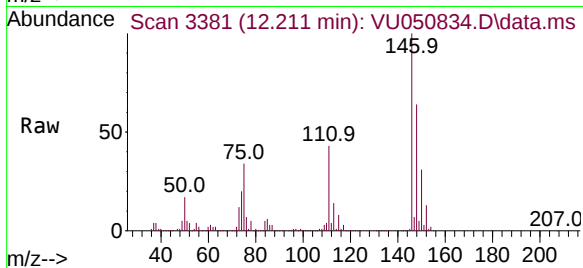
Tgt Ion:146 Resp: 1752972

Ion Ratio Lower Upper

146 100

111 43.4 35.2 52.8

148 63.9 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 192.878 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

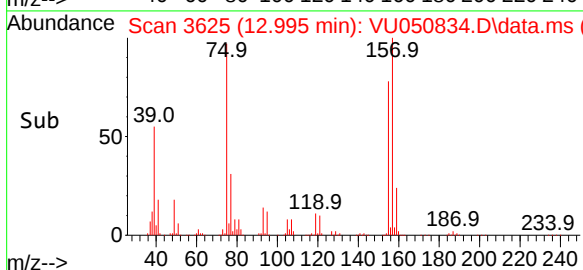
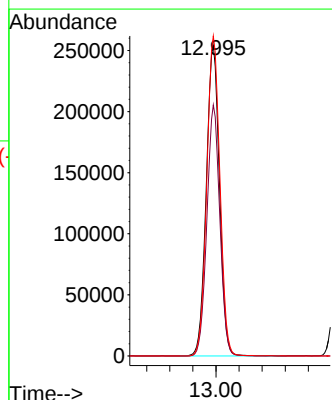
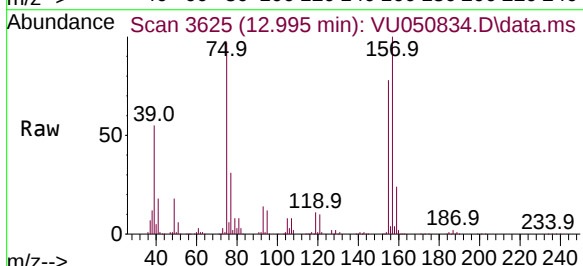
Tgt Ion: 75 Resp: 402866

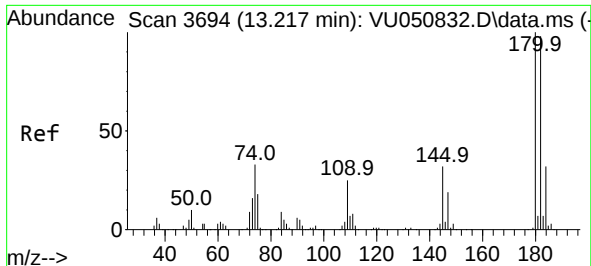
Ion Ratio Lower Upper

75 100

155 80.9 63.8 95.8

157 103.2 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 185.877 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU050834.D

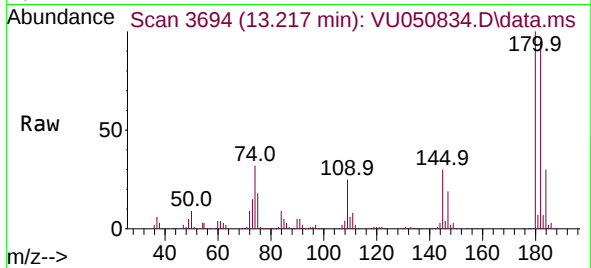
Acq: 20 Sep 2022 15:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD200035



Tgt Ion:180 Resp: 1224913

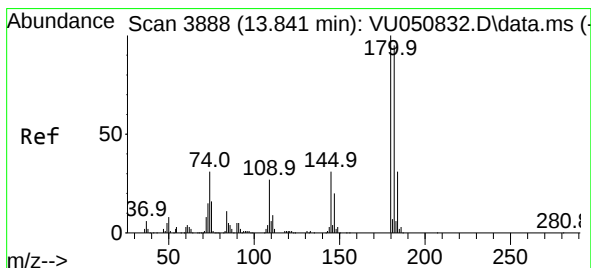
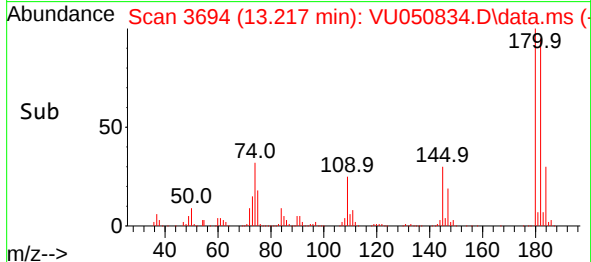
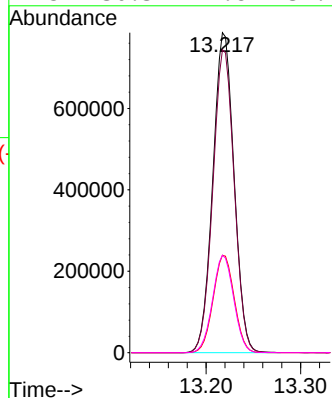
Ion Ratio Lower Upper

180 100

182 95.2 78.2 117.2

184 30.3 24.8 37.2

145 30.3 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 195.956 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050834.D

Acq: 20 Sep 2022 15:29

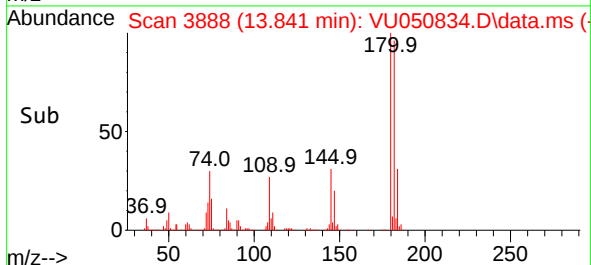
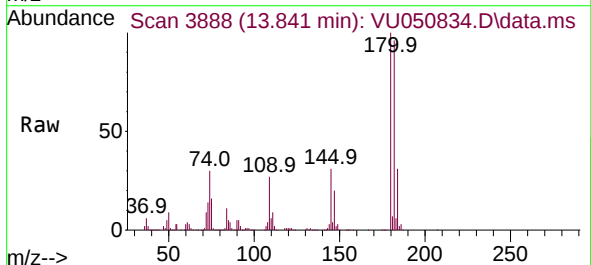
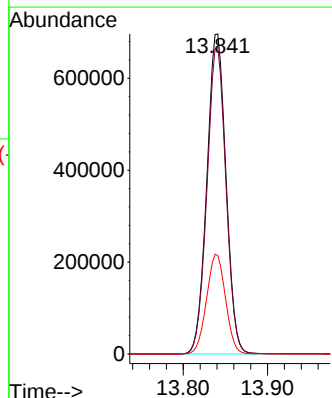
Tgt Ion:180 Resp: 1102950

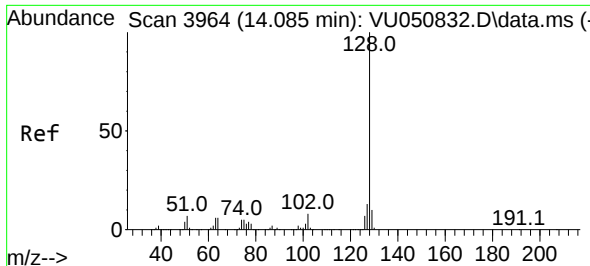
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 30.8 25.1 37.7

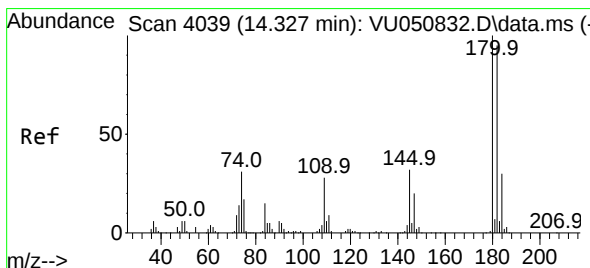
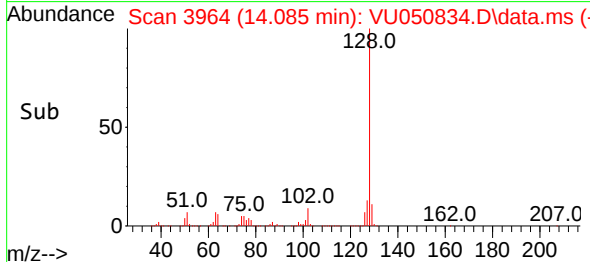
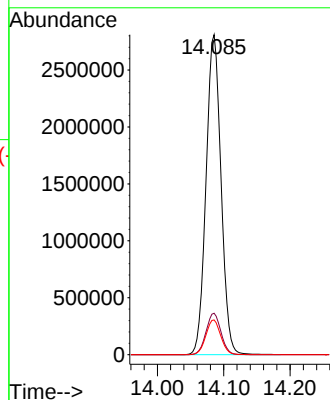
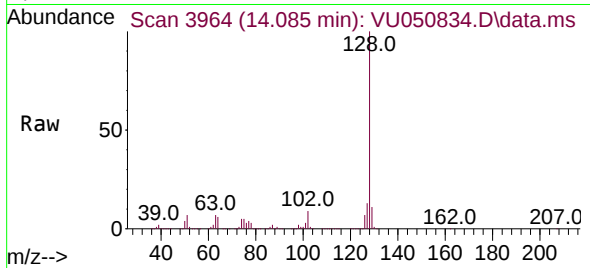




#71
Naphthalene
Concen: 215.790 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD200035

Tgt Ion:128 Resp: 4402396
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 189.422 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU050834.D
Acq: 20 Sep 2022 15:29

Tgt Ion:180 Resp: 1158698
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
145 32.7 26.3 39.5

