

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047402.D
 Acq On : 09 Mar 2022 13:38
 Operator : SY/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014

Quant Time: Mar 10 00:29:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	178951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	170133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	9694	0.483	ug/L	0.00
7) Chloroethane-d5	1.919	69	6953	0.450	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	4155	0.574	ug/L	0.00
20) 2-Butanone-d5	4.649	46	15012	3.802	ug/L	0.00
24) Chloroform-d	5.067	84	15002	0.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	8228	0.506	ug/L	0.00
32) Benzene-d6	5.732	84	30510	0.573	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	9028	0.542	ug/L	0.00
41) Toluene-d8	7.899	98	29869	0.631	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3769	0.594	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	16329	5.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	7855	0.557	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	11609	0.667	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11865	0.761	ug/L	97
3) Chloromethane	1.527	50	12525	0.671	ug/L	96
5) Vinyl chloride	1.607	62	11632	0.622	ug/L	98
6) Bromomethane	1.861	94	6755	0.650	ug/L	97
8) Chloroethane	1.938	64	7437	0.670	ug/L	97
9) Trichlorofluoromethane	2.144	101	15615	0.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	9032	0.641	ug/L	98
12) 1,1-Dichloroethene	2.588	96	9591	0.763	ug/L	96
13) Acetone	2.655	43	13375	5.604	ug/L	96
14) Carbon disulfide	2.800	76	29103	0.733	ug/L	100
15) Methyl Acetate	2.964	43	3255	0.619	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	24247	0.844	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	10315	0.772	ug/L	95
19) 1,1-Dichloroethane	3.877	63	17124	0.706	ug/L	97
21) 2-Butanone	4.729	43	25758	7.258	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	11307	0.808	ug/L	97
23) Bromochloromethane	4.977	128	5421	0.796	ug/L	95
25) Chloroform	5.092	83	18673	0.674	ug/L	97
27) 1,2-Dichloroethane	5.797	62	12417	0.777	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	15760	0.825	ug/L	99
30) Cyclohexane	5.391	56	14390	0.906	ug/L	99
31) Carbon tetrachloride	5.530	117	13579	0.821	ug/L	98
33) Benzene	5.777	78	41439	0.880	ug/L	100
34) Trichloroethene	6.546	95	10965	0.904	ug/L	94
35) Methylcyclohexane	6.764	83	16285	0.950	ug/L	98
37) 1,2-Dichloropropane	6.793	63	9953	0.807	ug/L	# 96
38) Bromodichloromethane	7.108	83	13119	0.811	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	15180	0.913	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	67539	9.834	ug/L	99
42) Toluene	7.970	91	43434	0.897	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	13288	0.902	ug/L	90
45) 1,1,2-Trichloroethane	8.401	97	8486	0.910	ug/L	98

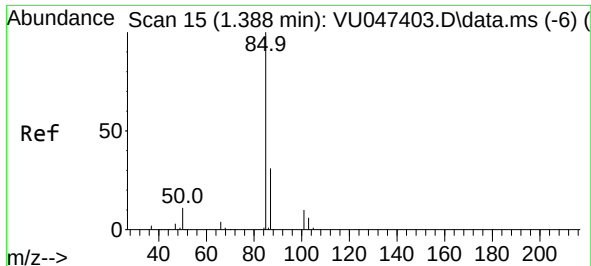
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.555	164	9248	0.971	ug/L	96
48) 2-Hexanone	8.690	43	49863	9.670	ug/L	99
49) Dibromochloromethane	8.813	129	9920	0.896	ug/L	97
50) 1,2-Dibromoethane	8.925	107	8428	0.954	ug/L	97
51) Chlorobenzene	9.449	112	30330	0.939	ug/L	98
52) Ethylbenzene	9.571	91	46821	0.936	ug/L	99
53) m,p-Xylene	9.694	106	18212	0.939	ug/L	99
54) o-Xylene	10.102	106	17715	0.980	ug/L	95
55) Styrene	10.115	104	28558	0.903	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	10901	0.893	ug/L	98
59) Bromoform	10.295	173	5916	0.950	ug/L	95
60) Isopropylbenzene	10.485	105	46448	0.987	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	8006	0.920	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	29383	0.828	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	37990	1.003	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	24665	0.978	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	25543	0.990	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	23993	0.988	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	1677	0.897	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	19471	0.998	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	17722	1.086	ug/L	99
71) Naphthalene	14.089	128	29838	1.049	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	16355	1.069	ug/L	99

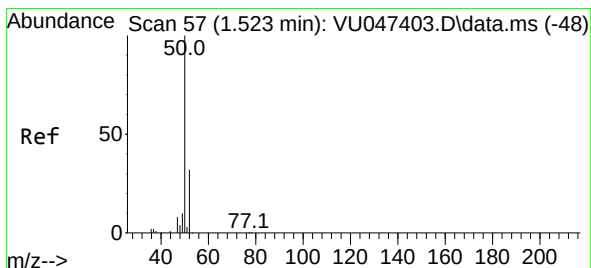
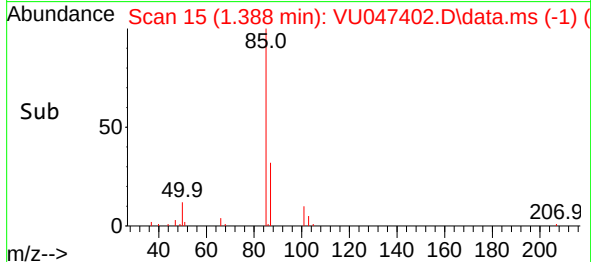
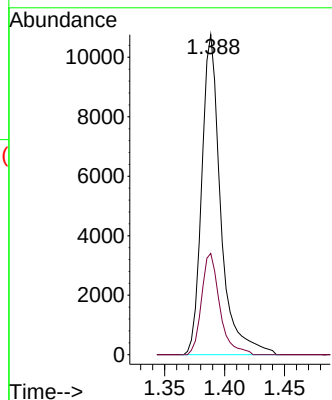
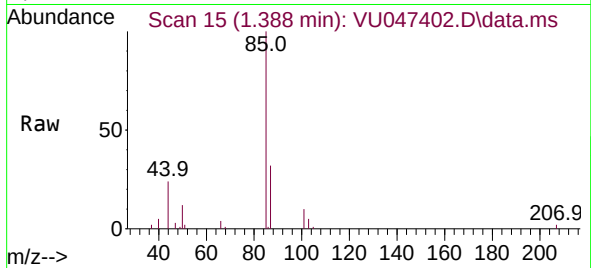
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.761 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

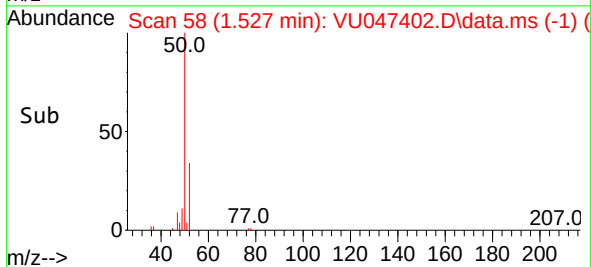
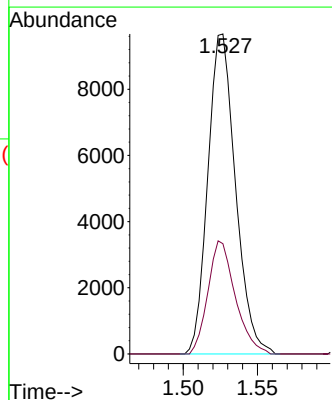
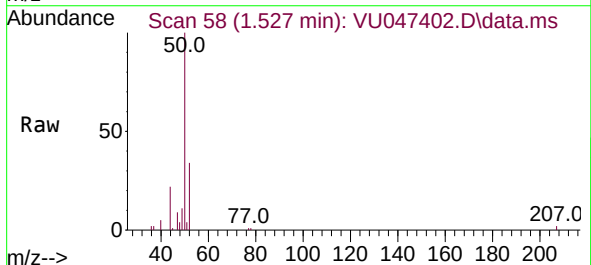
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

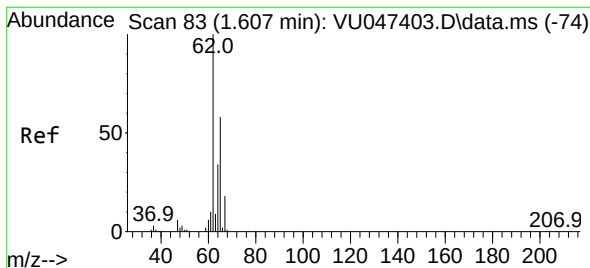
Tgt Ion: 85 Resp: 11865
Ion Ratio Lower Upper
85 100
87 30.3 25.6 38.4



#3
Chloromethane
Concen: 0.671 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 50 Resp: 12525
Ion Ratio Lower Upper
50 100
52 34.4 22.5 41.9





#5

Vinyl chloride

Concen: 0.622 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

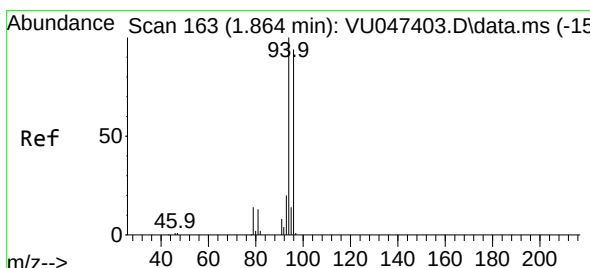
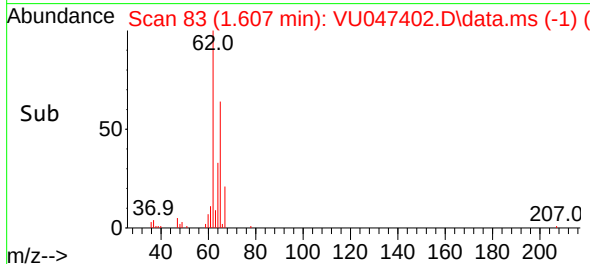
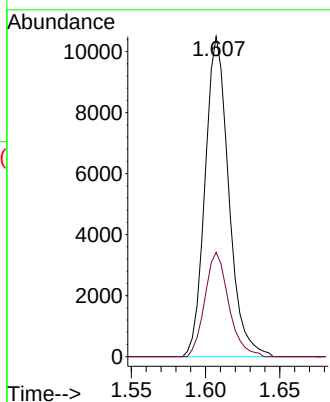
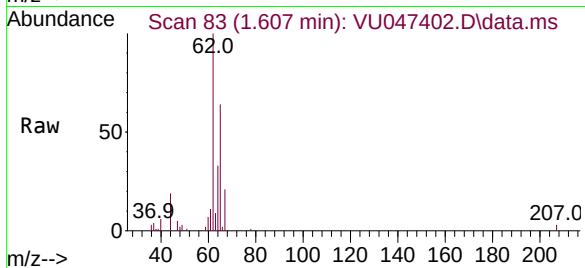
VSTD001014

Tgt Ion: 62 Resp: 11632

Ion Ratio Lower Upper

62 100

64 32.6 23.7 43.9



#6

Bromomethane

Concen: 0.650 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.003 min

Lab File: VU047402.D

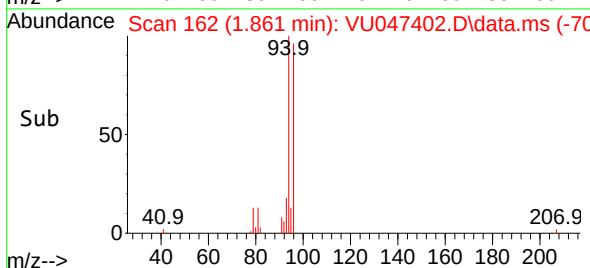
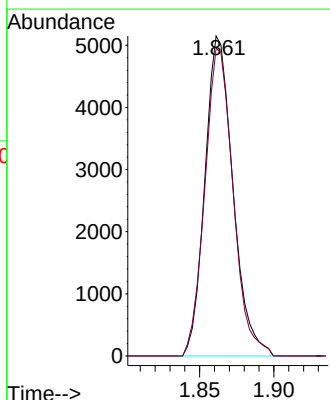
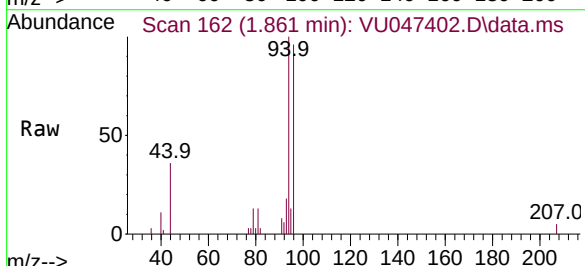
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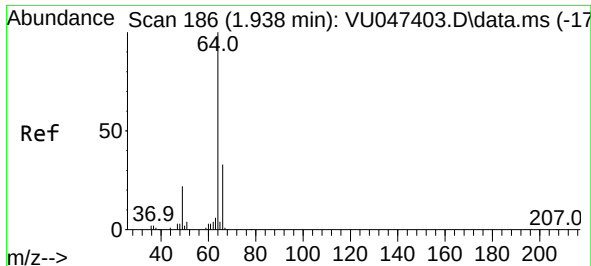
Tgt Ion: 94 Resp: 6755

Ion Ratio Lower Upper

94 100

96 96.2 65.6 121.8





#8

Chloroethane

Concen: 0.670 ug/L

RT: 1.938 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

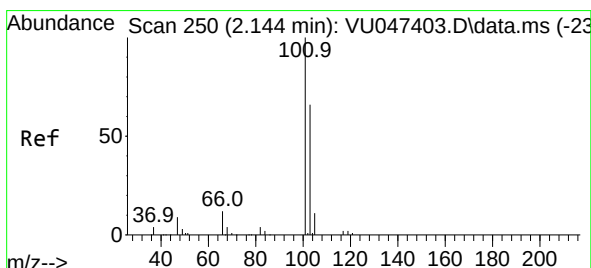
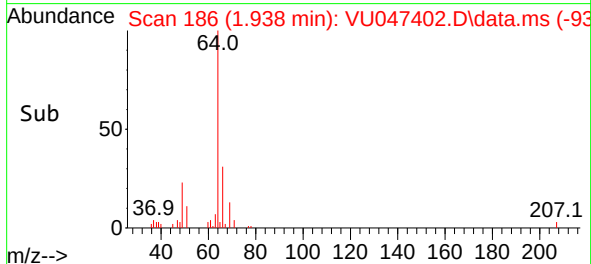
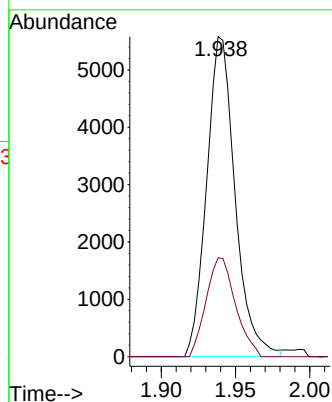
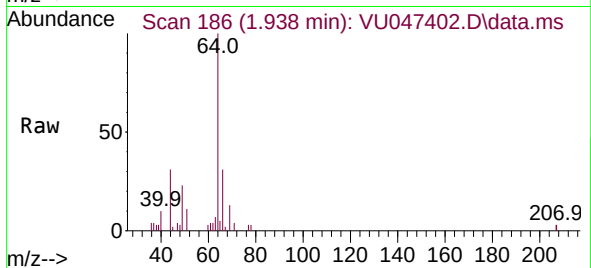
VSTD001014

Tgt Ion: 64 Resp: 7437

Ion Ratio Lower Upper

64 100

66 30.9 22.9 42.5



#9

Trichlorofluoromethane

Concen: 0.658 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.000 min

Lab File: VU047402.D

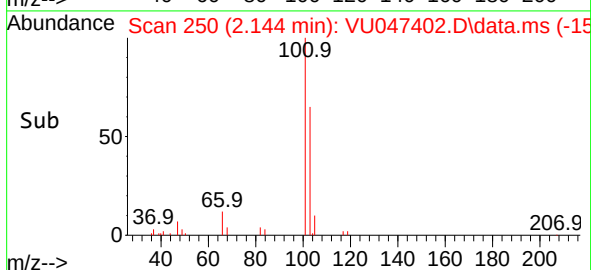
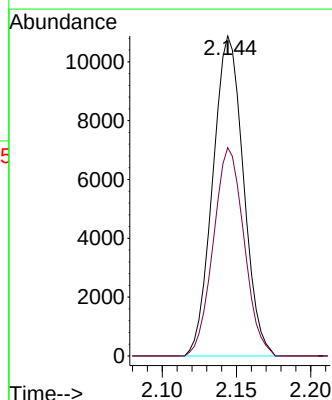
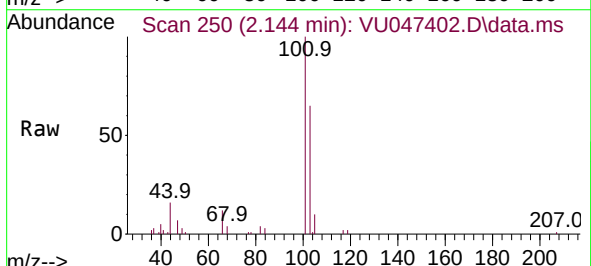
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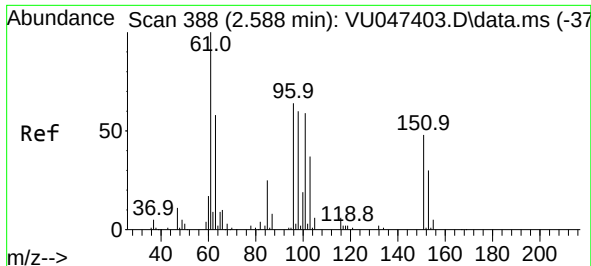
Tgt Ion: 101 Resp: 15615

Ion Ratio Lower Upper

101 100

103 65.2 51.8 77.8





#10

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

Concen: 0.641 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001014

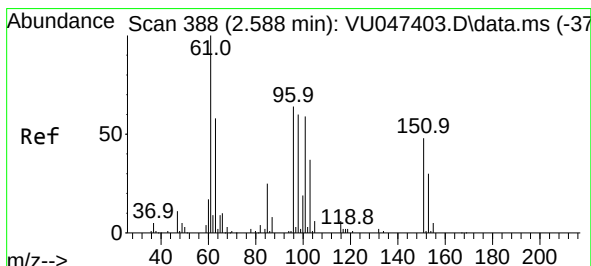
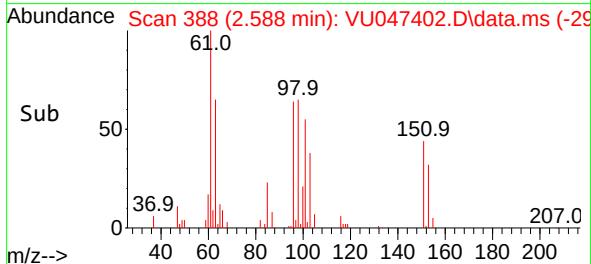
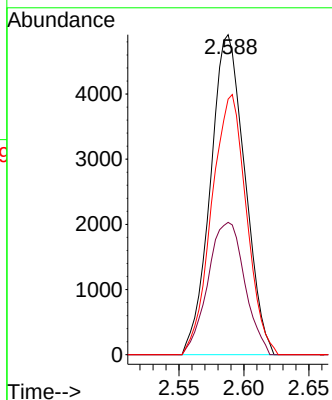
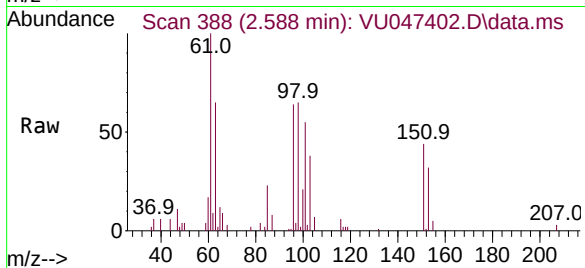
Tgt Ion:101 Resp: 9032

Ion Ratio Lower Upper

101 100

85 44.2 33.8 50.6

151 82.1 64.8 97.2



#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

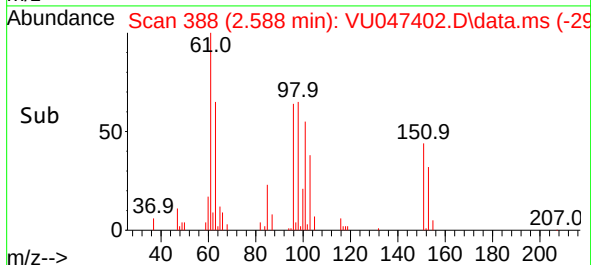
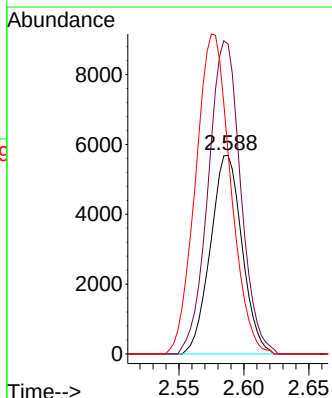
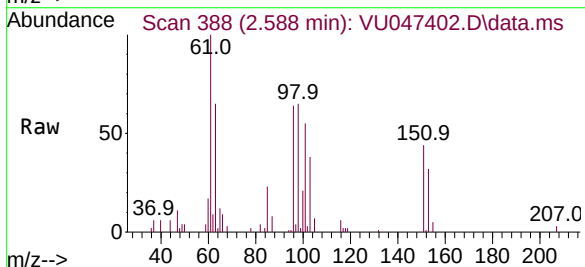
Tgt Ion: 96 Resp: 9591

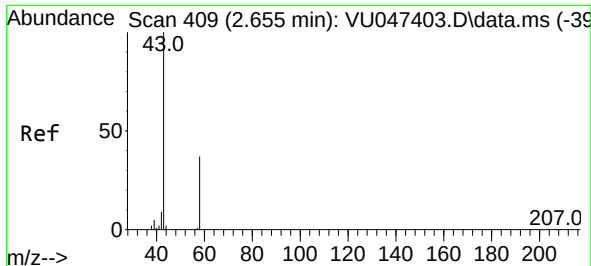
Ion Ratio Lower Upper

96 100

61 156.0 108.8 202.0

63 101.1 64.0 119.0





#13

Acetone

Concen: 5.604 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

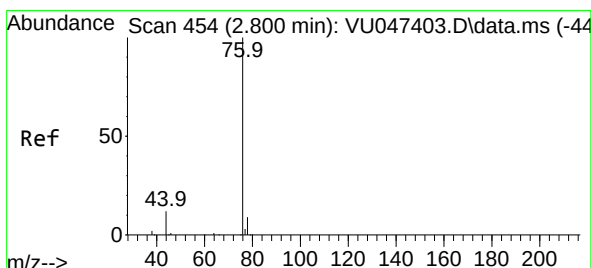
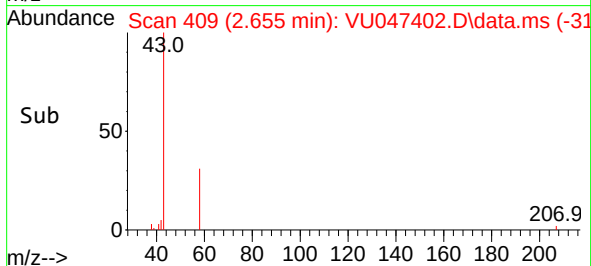
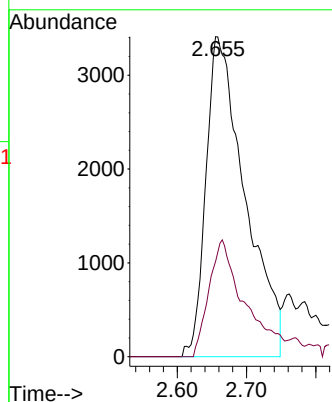
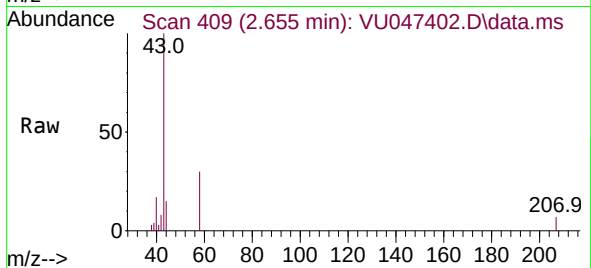
VSTD001014

Tgt Ion: 43 Resp: 13375

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.6



#14

Carbon disulfide

Concen: 0.733 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047402.D

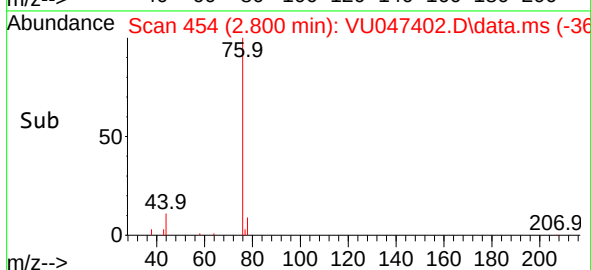
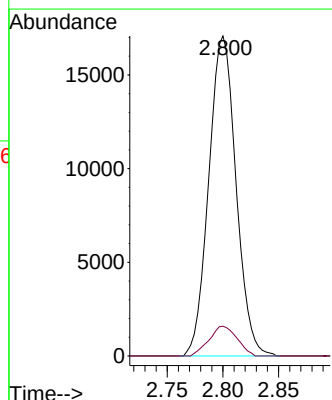
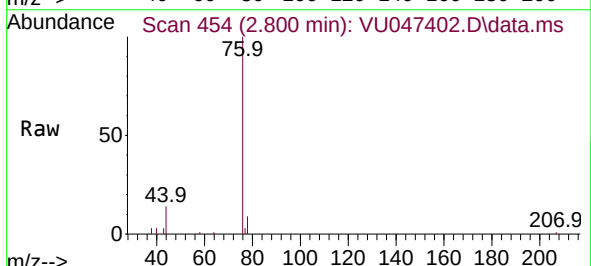
Acq: 09 Mar 2022 13:38

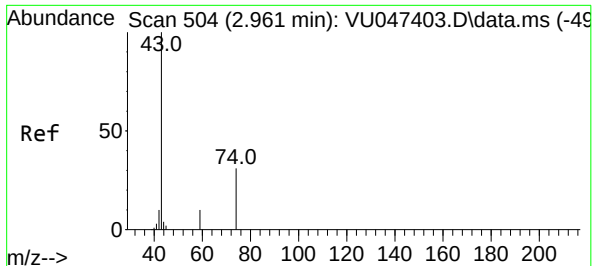
Tgt Ion: 76 Resp: 29103

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

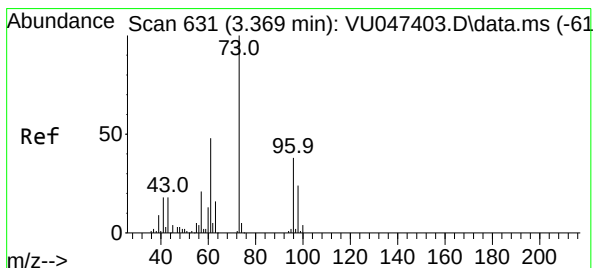
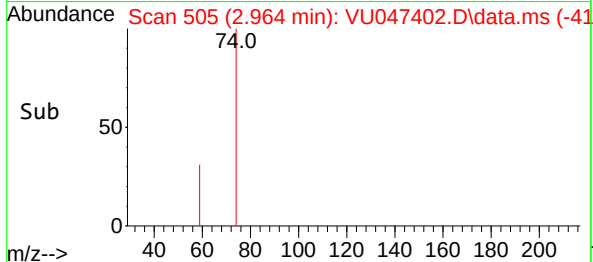
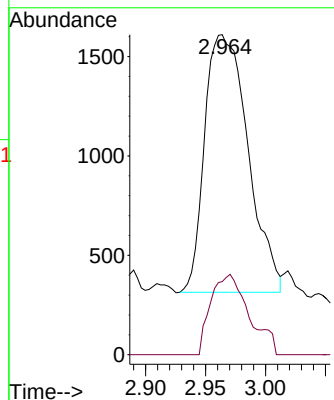
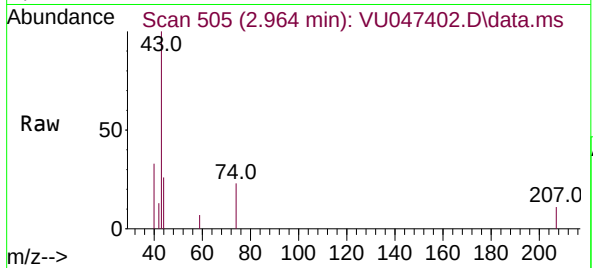




#15
Methyl Acetate
Concen: 0.619 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

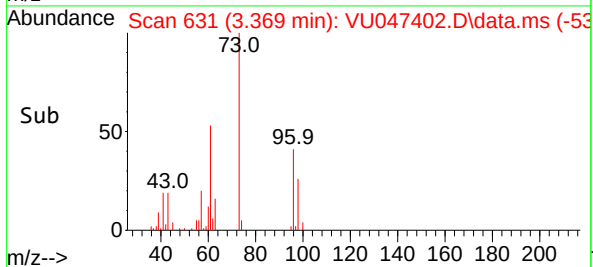
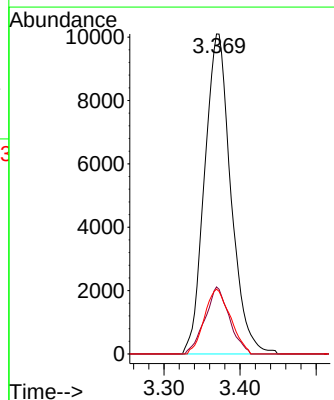
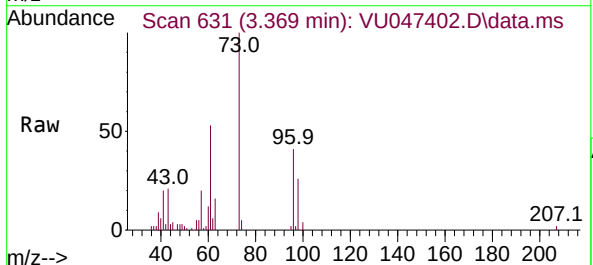
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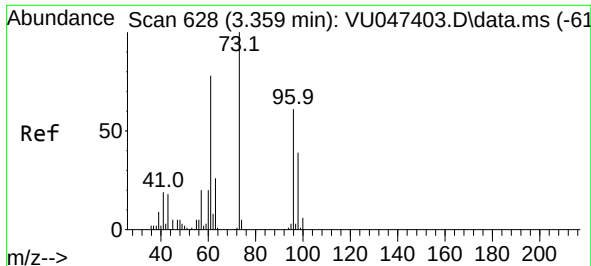
Tgt Ion: 43 Resp: 3255
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.2



#17
Methyl tert-butyl Ether
Concen: 0.844 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 73 Resp: 24247
Ion Ratio Lower Upper
73 100
43 19.4 14.6 22.0
57 20.0 16.5 24.7

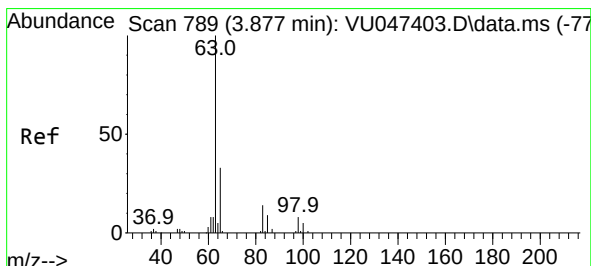
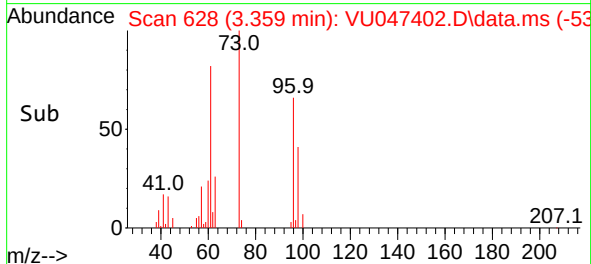
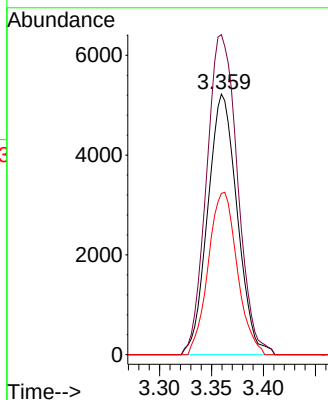
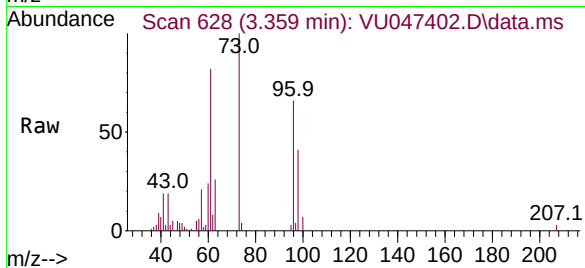




#18
trans-1,2-Dichloroethene
Concen: 0.772 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

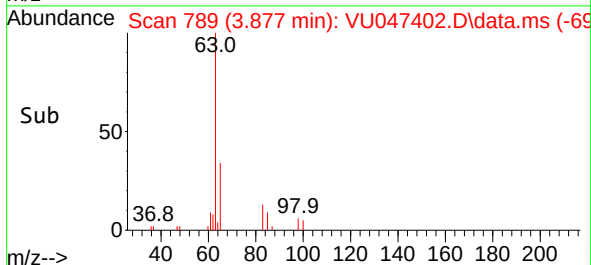
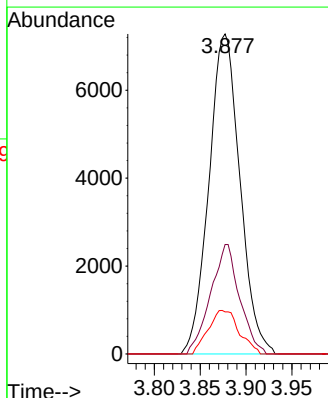
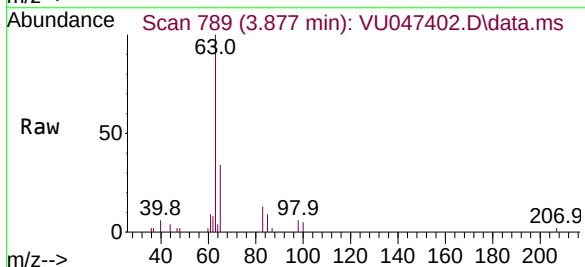
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

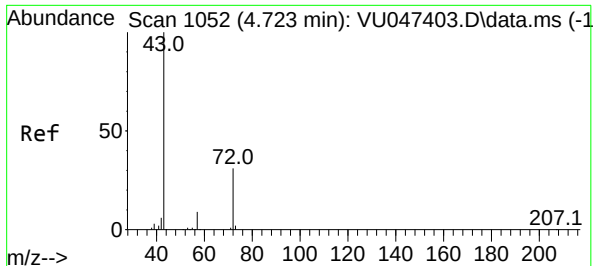
Tgt Ion: 96 Resp: 10315
Ion Ratio Lower Upper
96 100
61 122.7 90.4 167.8
98 61.9 45.0 83.6



#19
1,1-Dichloroethane
Concen: 0.706 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 63 Resp: 17124
Ion Ratio Lower Upper
63 100
65 34.2 22.8 42.4
83 13.2 9.9 18.3





#21

2-Butanone

Concen: 7.258 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

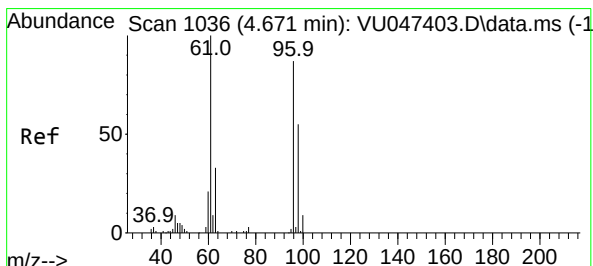
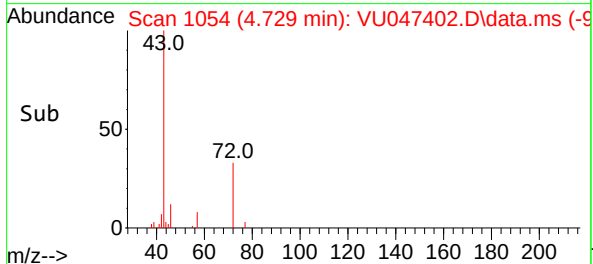
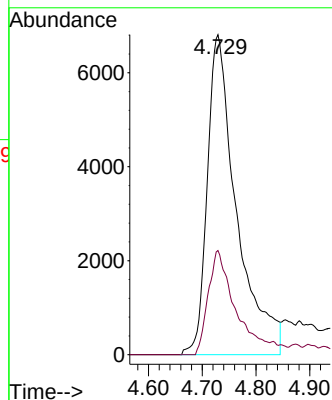
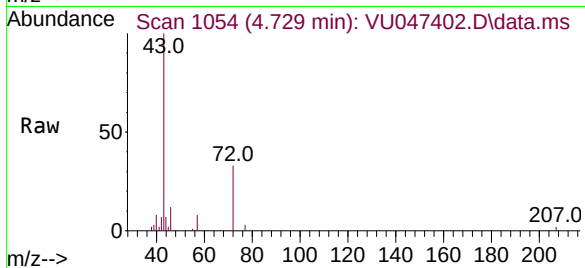
VSTD001014

Tgt Ion: 43 Resp: 25758

Ion Ratio Lower Upper

43 100

72 30.0 14.7 44.1



#22

cis-1,2-Dichloroethene

Concen: 0.808 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

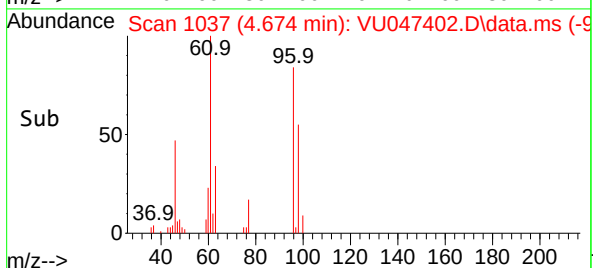
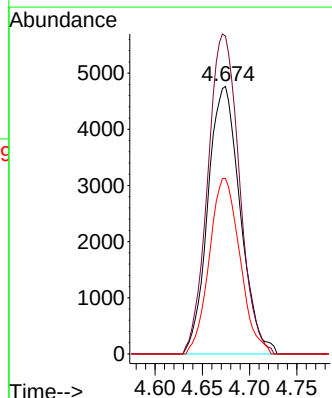
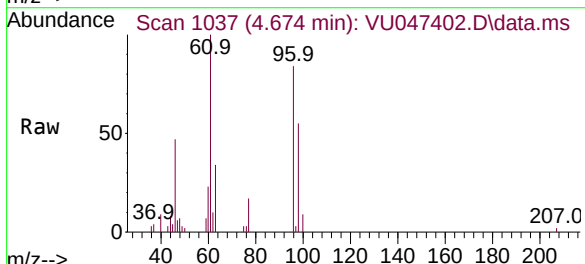
Tgt Ion: 96 Resp: 11307

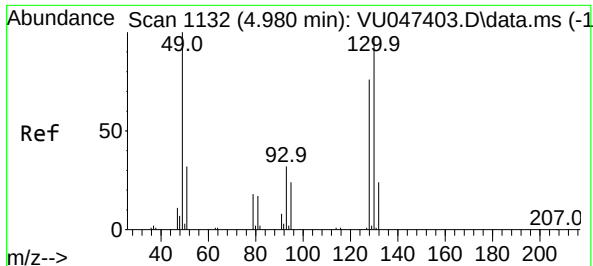
Ion Ratio Lower Upper

96 100

61 118.8 80.8 150.0

98 65.6 44.7 83.1





#23

Bromochloromethane

Concen: 0.796 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001014

Tgt Ion:128 Resp: 5421

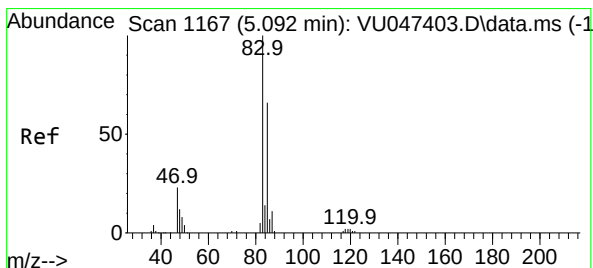
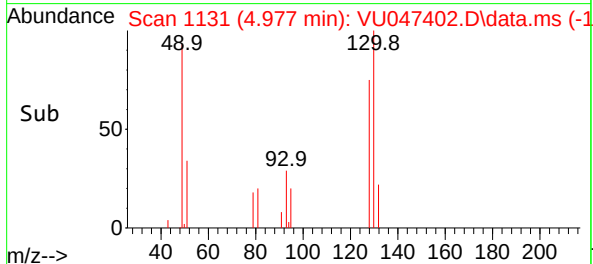
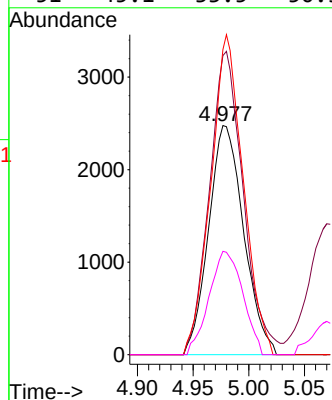
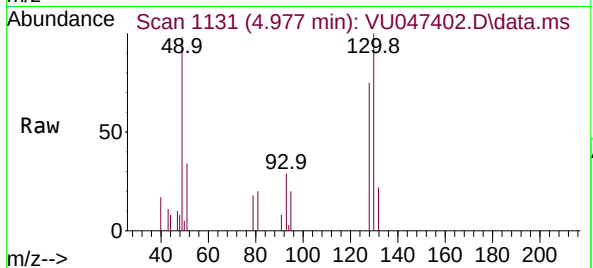
Ion Ratio Lower Upper

128 100

49 137.7 91.6 170.2

130 133.2 89.6 166.4

51 45.1 33.5 50.3



#25

Chloroform

Concen: 0.674 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047402.D

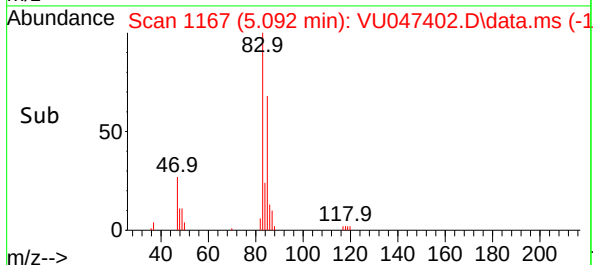
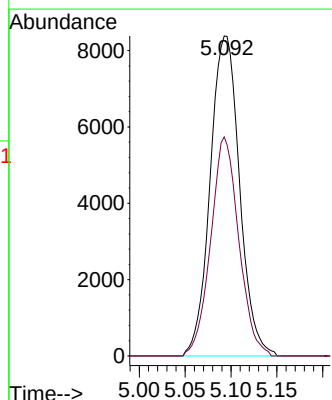
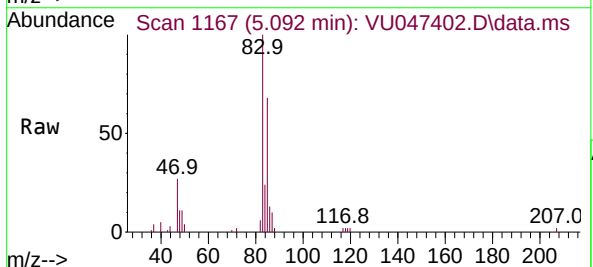
Acq: 09 Mar 2022 13:38

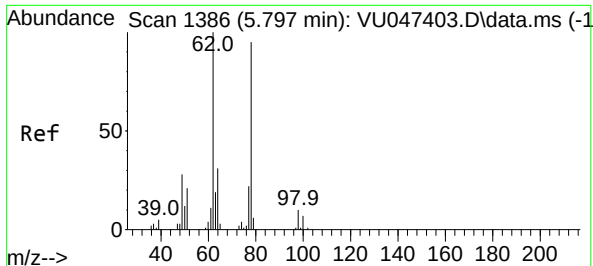
Tgt Ion: 83 Resp: 18673

Ion Ratio Lower Upper

83 100

85 68.5 46.2 85.8

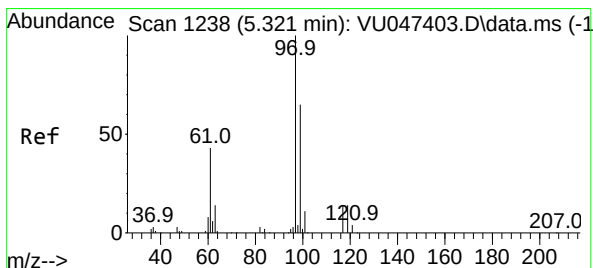
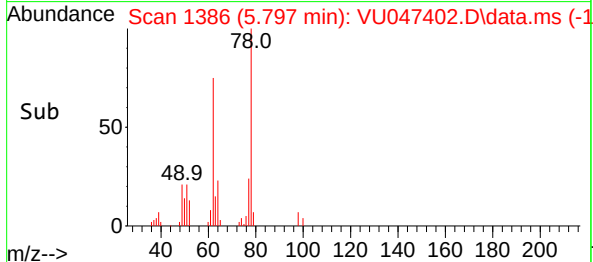
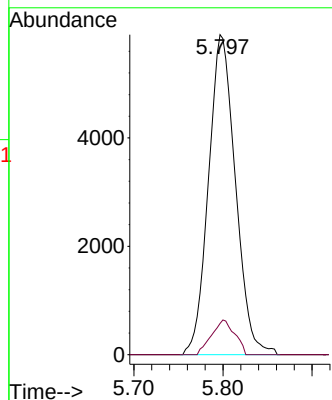
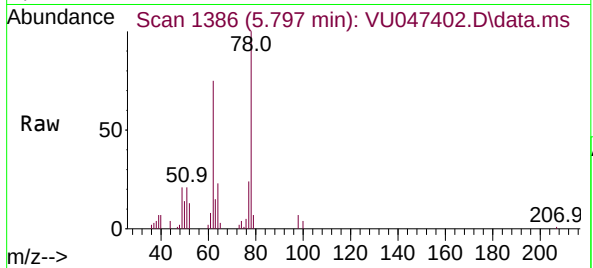




#27
1,2-Dichloroethane
Concen: 0.777 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

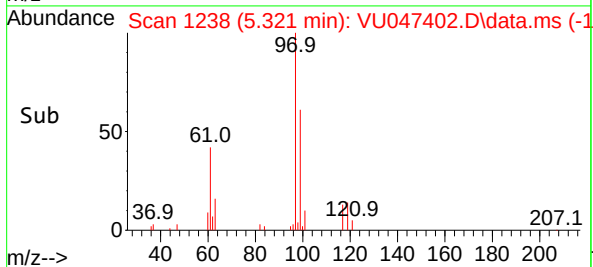
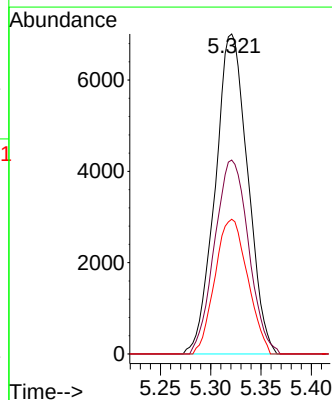
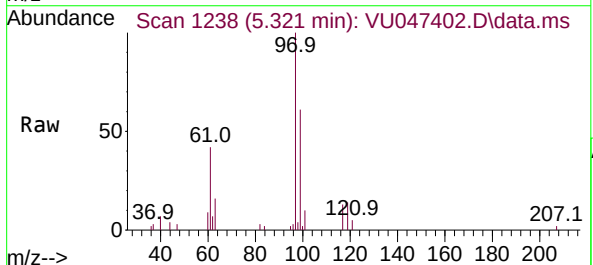
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

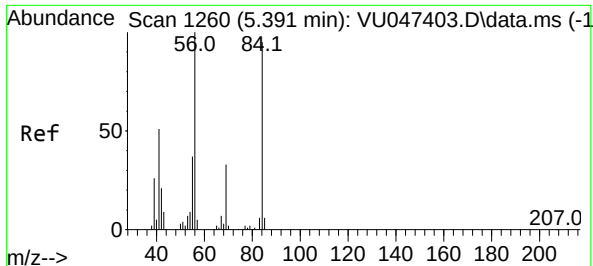
Tgt Ion: 62 Resp: 12417
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 0.825 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 97 Resp: 15760
Ion Ratio Lower Upper
97 100
99 63.4 52.1 78.1
61 42.3 33.8 50.6

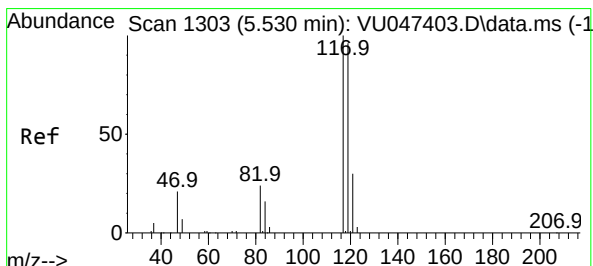
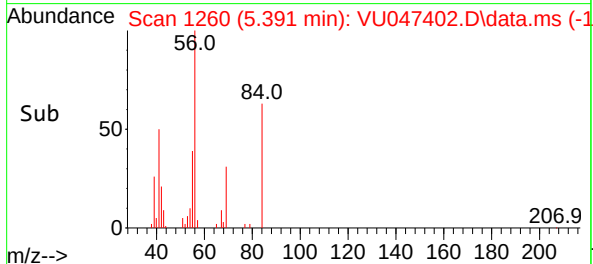
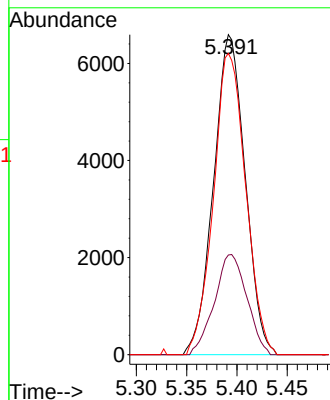
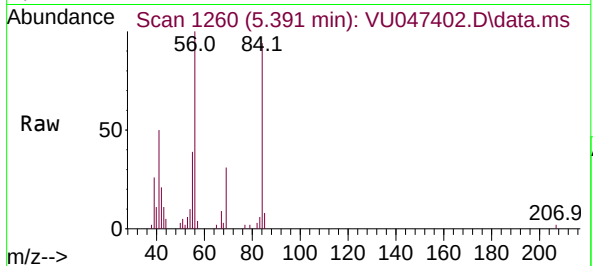




#30
Cyclohexane
Concen: 0.906 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

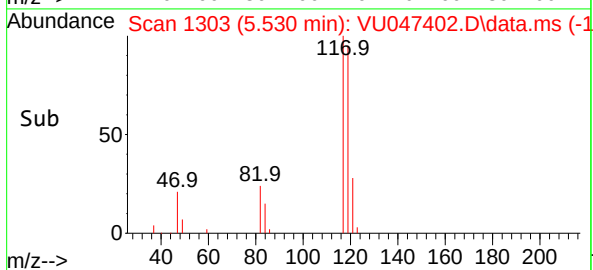
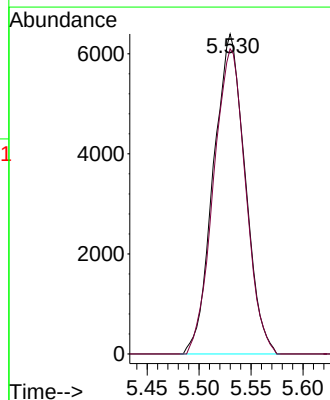
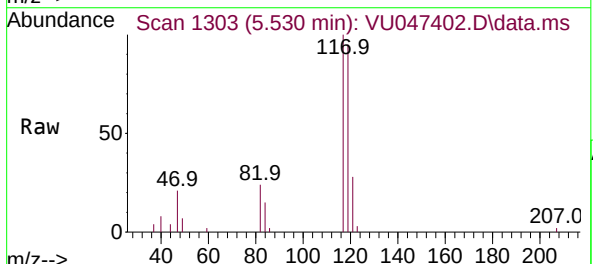
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

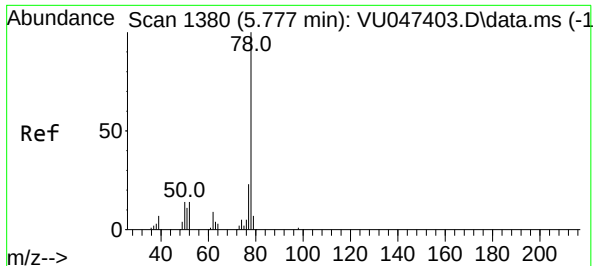
Tgt Ion: 56	Resp: 14390
Ion Ratio	Lower Upper
56	100
69	32.2 26.0 39.0
84	96.0 76.3 114.5



#31
Carbon tetrachloride
Concen: 0.821 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 117	Resp: 13579
Ion Ratio	Lower Upper
117	100
119	96.3 75.8 113.8

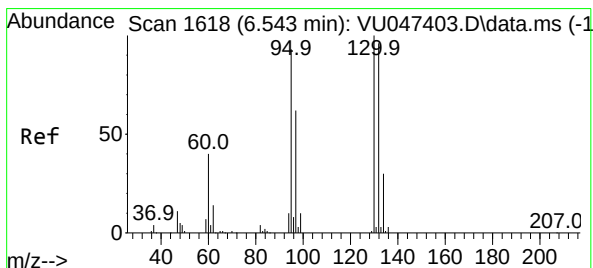
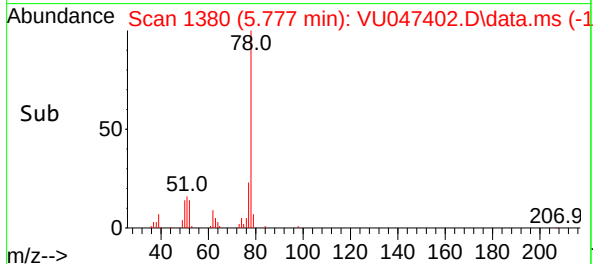
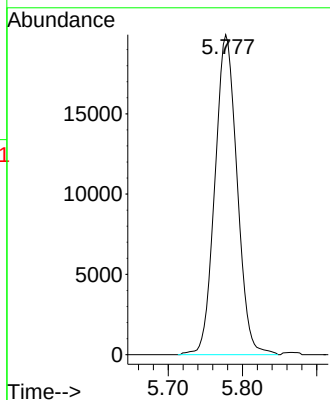
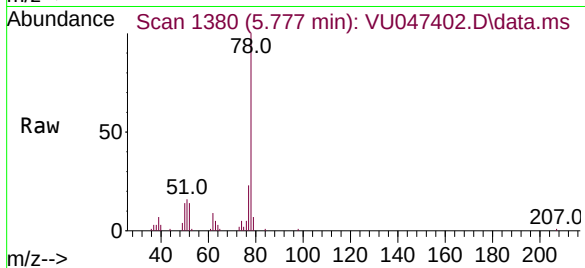




#33
Benzene
Concen: 0.880 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

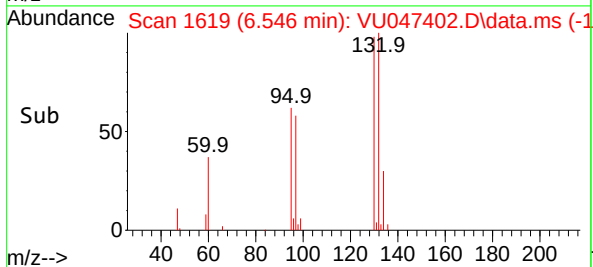
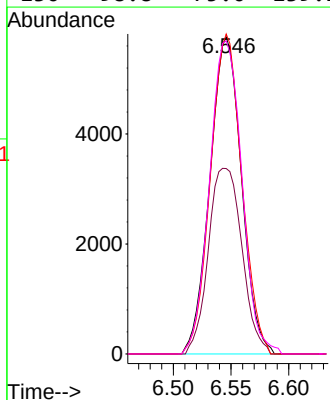
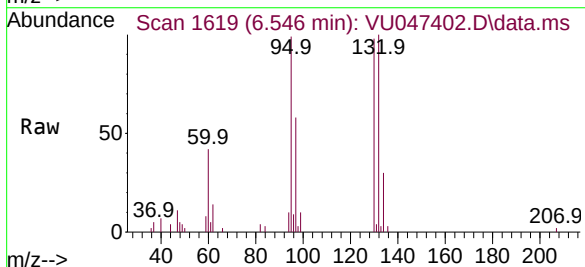
Tgt Ion: 78 Resp: 41439

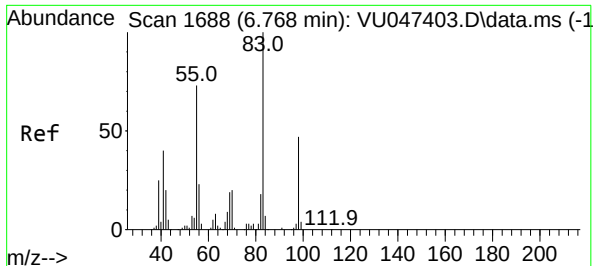


#34
Trichloroethene
Concen: 0.904 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 95 Resp: 10965

Ion	Ratio	Lower	Upper
95	100		
97	58.5	46.3	85.9
132	101.0	71.7	133.1
130	98.8	75.0	139.2

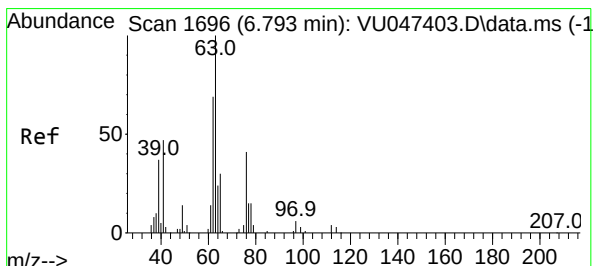
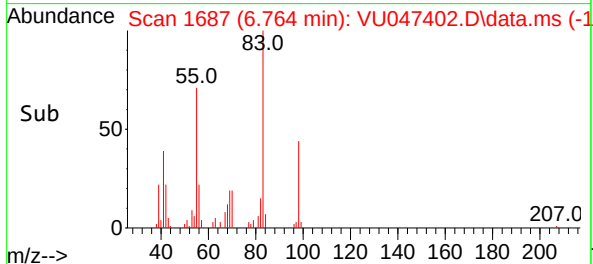
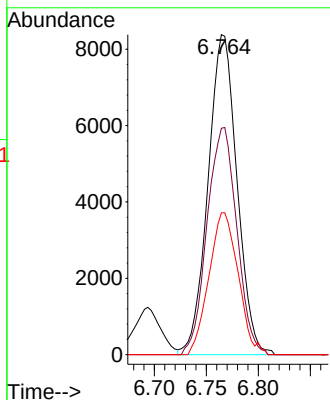
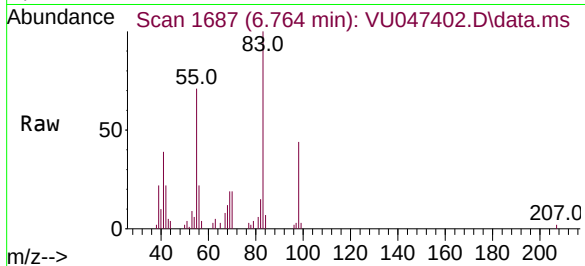




#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

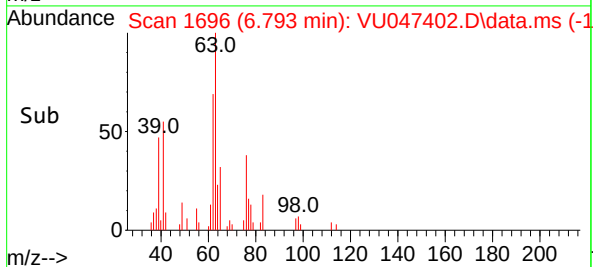
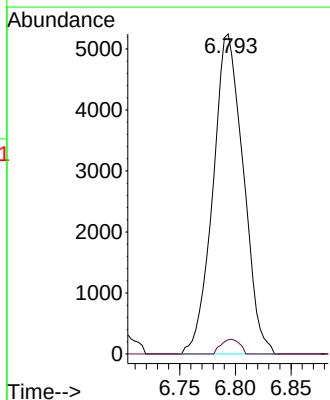
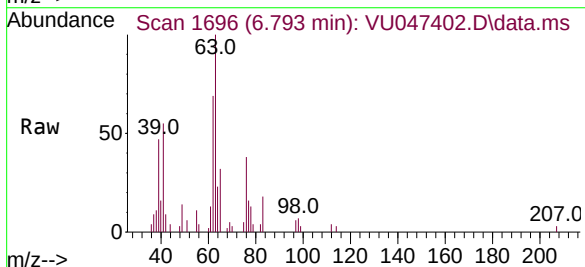
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

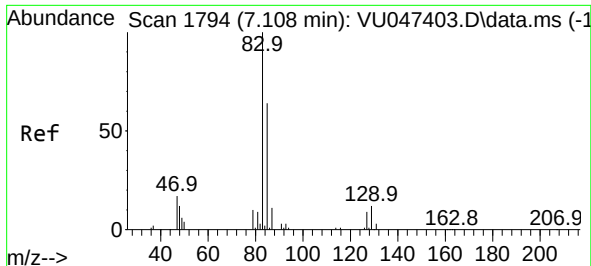
Tgt Ion: 83 Resp: 16285
Ion Ratio Lower Upper
83 100
55 72.8 57.8 86.8
98 44.7 38.0 57.0



#37
1,2-Dichloropropane
Concen: 0.807 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 63 Resp: 9953
Ion Ratio Lower Upper
63 100
112 2.8 3.3 4.9#

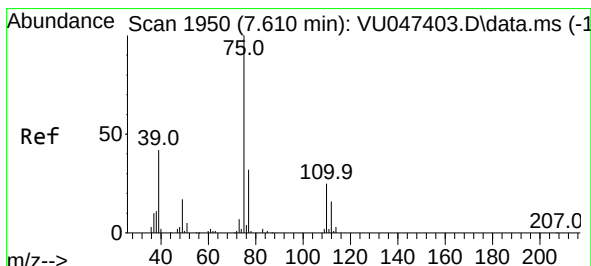
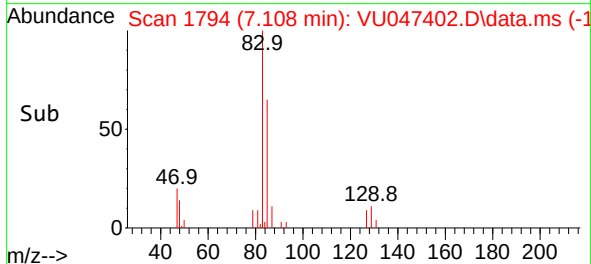
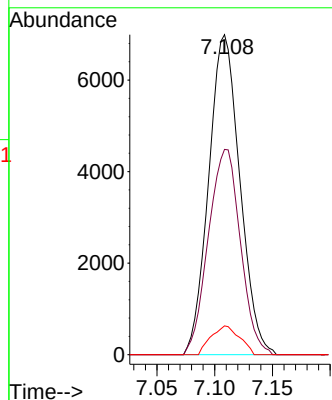
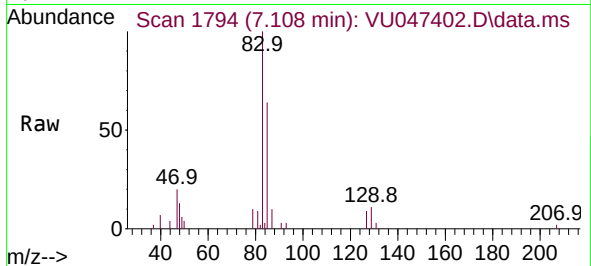




#38
Bromodichloromethane
Concen: 0.811 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

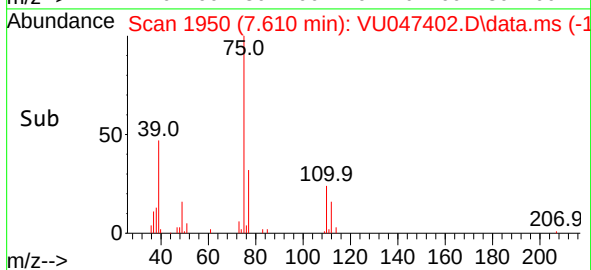
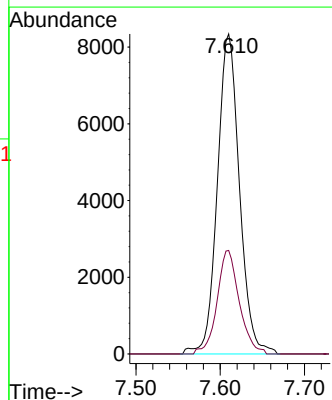
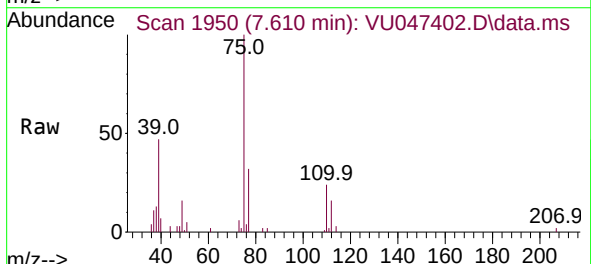
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

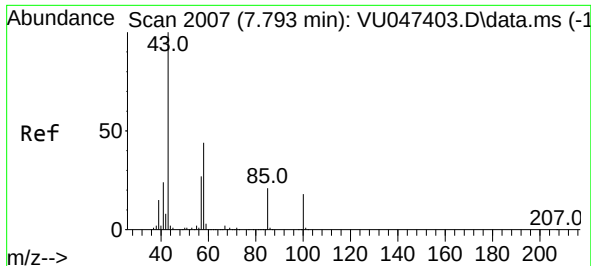
Tgt Ion: 83 Resp: 13119
Ion Ratio Lower Upper
83 100
85 64.1 45.0 83.6
127 9.0 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 0.913 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 75 Resp: 15180
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0





#40

4-Methyl-2-pentanone

Concen: 9.834 ug/L

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001014

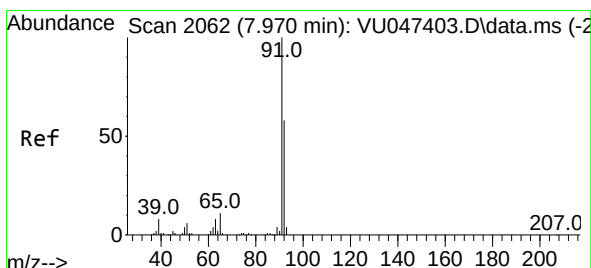
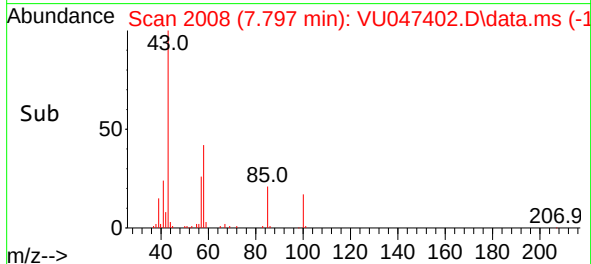
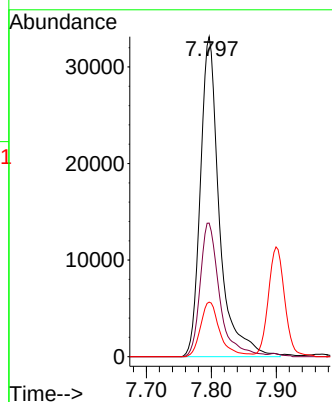
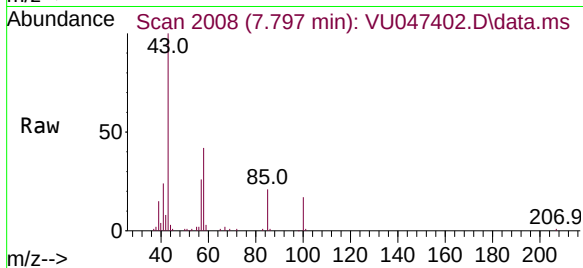
Tgt Ion: 43 Resp: 67539

Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2

100 17.6 14.2 21.4



#42

Toluene

Concen: 0.897 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047402.D

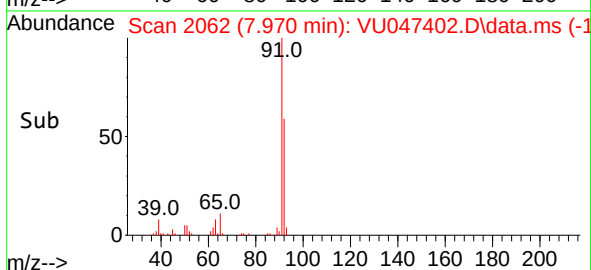
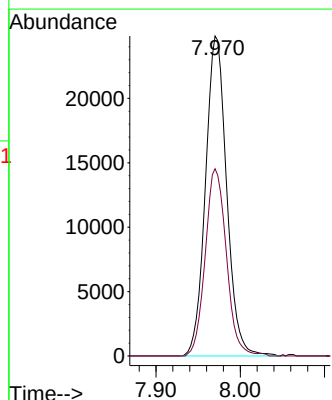
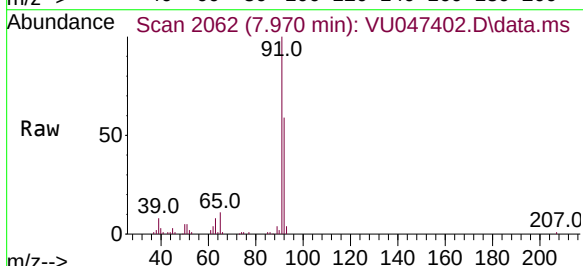
Acq: 09 Mar 2022 13:38

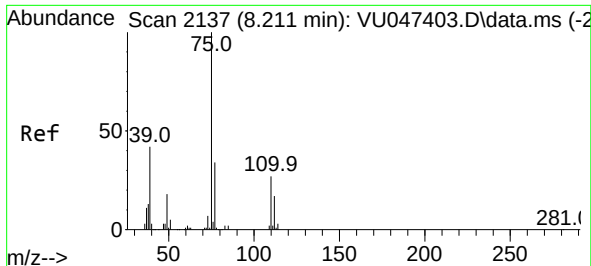
Tgt Ion: 91 Resp: 43434

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8

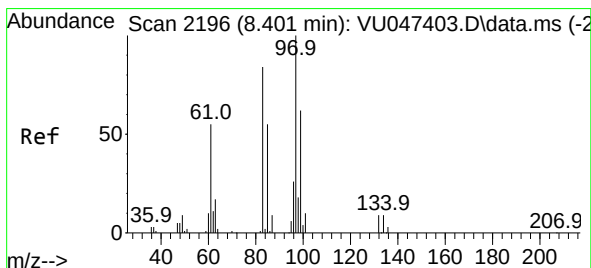
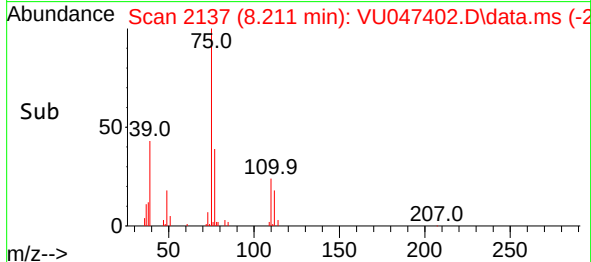
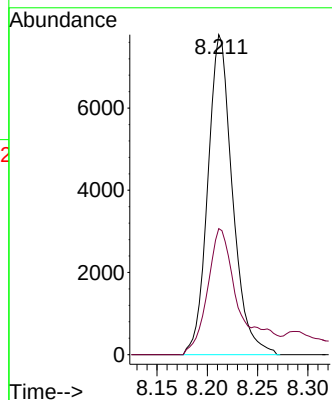
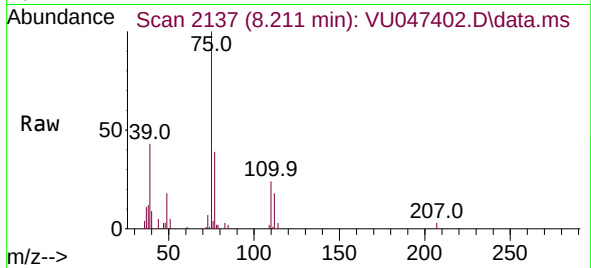




#44
trans-1,3-Dichloropropene
Concen: 0.902 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

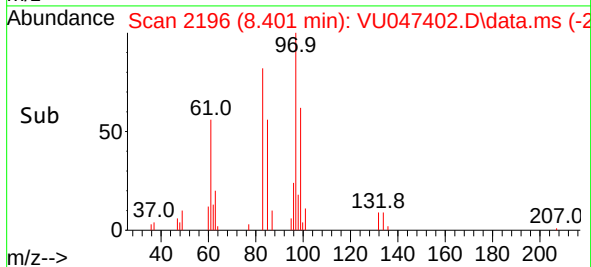
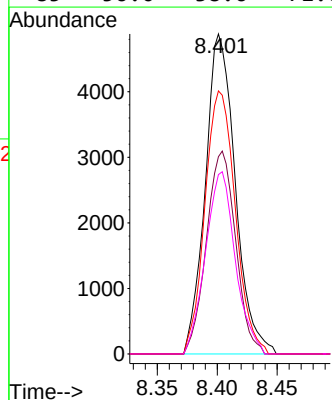
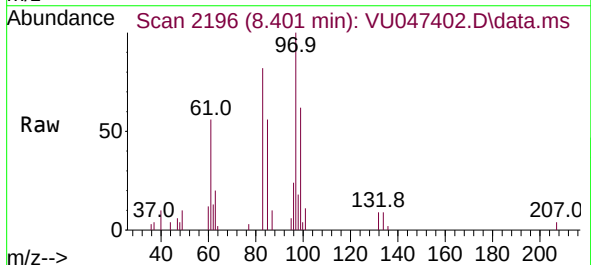
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

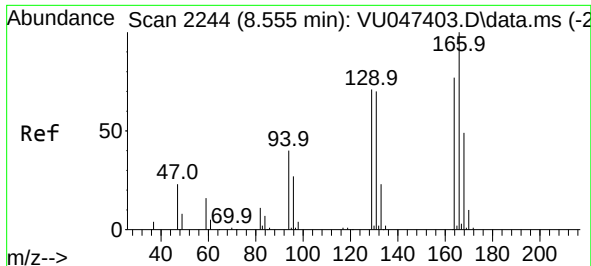
Tgt Ion: 75 Resp: 13288
Ion Ratio Lower Upper
75 100
77 39.4 23.6 43.8



#45
1,1,2-Trichloroethane
Concen: 0.910 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 97 Resp: 8486
Ion Ratio Lower Upper
97 100
99 61.7 43.3 80.5
83 82.2 59.1 109.9
85 56.0 38.6 71.6





#47

Tetrachloroethene

Concen: 0.971 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001014

Tgt Ion:164 Resp: 9248

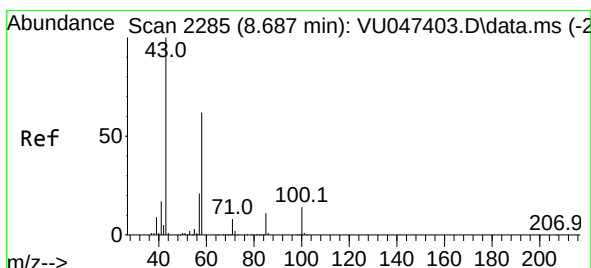
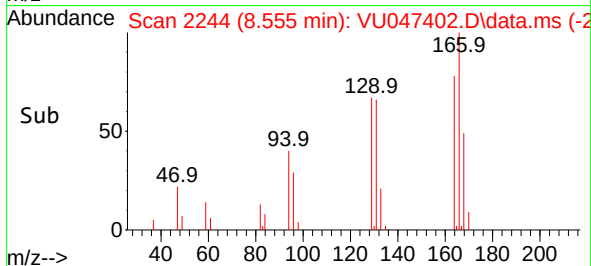
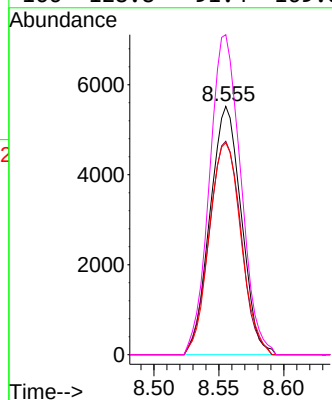
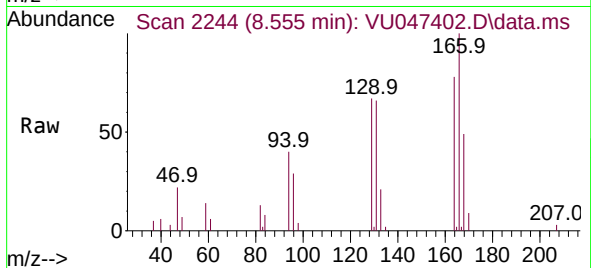
Ion Ratio Lower Upper

164 100

129 86.0 64.9 120.5

131 85.3 63.6 118.2

166 128.8 91.4 169.8



#48

2-Hexanone

Concen: 9.670 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Tgt Ion: 43 Resp: 49863

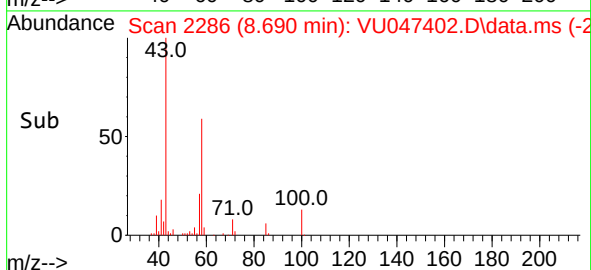
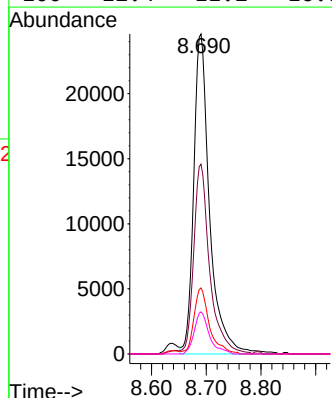
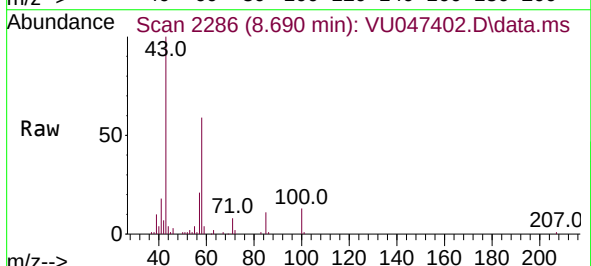
Ion Ratio Lower Upper

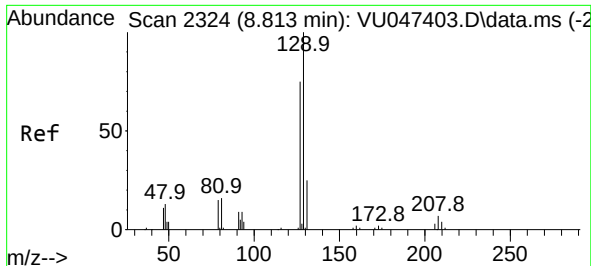
43 100

58 59.2 47.7 71.5

57 20.0 16.6 25.0

100 12.4 11.2 16.8





#49

Dibromochloromethane

Concen: 0.896 ug/L

RT: 8.813 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

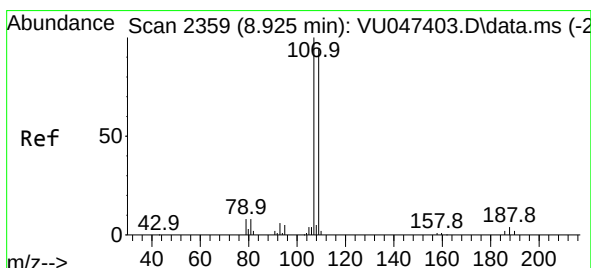
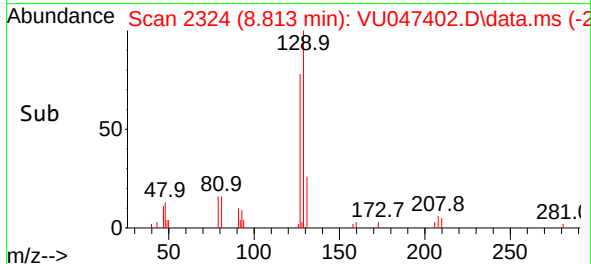
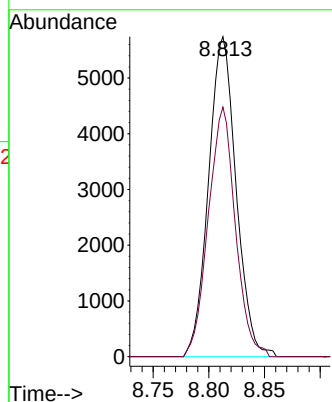
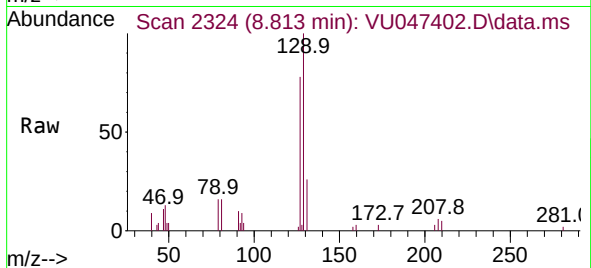
VSTD001014

Tgt Ion:129 Resp: 9920

Ion Ratio Lower Upper

129 100

127 78.0 52.6 97.8



#50

1,2-Dibromoethane

Concen: 0.954 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

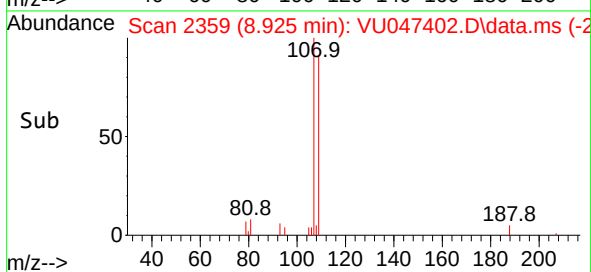
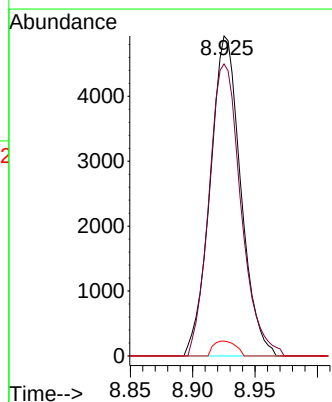
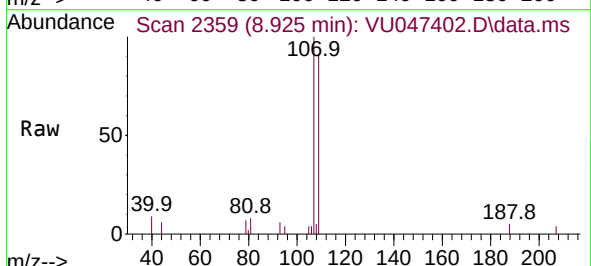
Tgt Ion:107 Resp: 8428

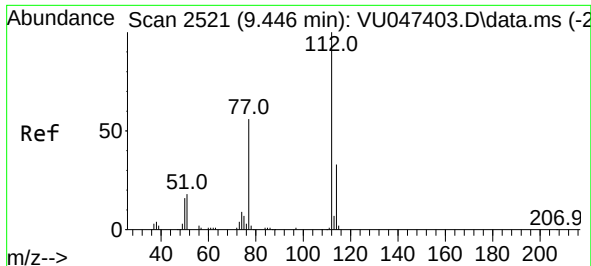
Ion Ratio Lower Upper

107 100

109 91.2 65.8 122.2

188 4.6 3.3 4.9

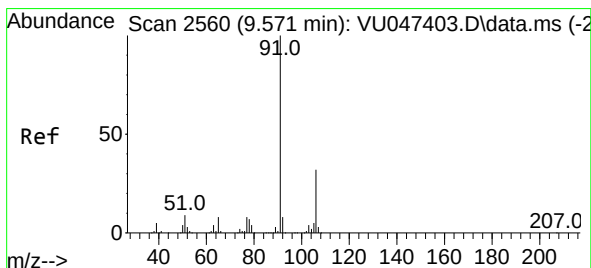
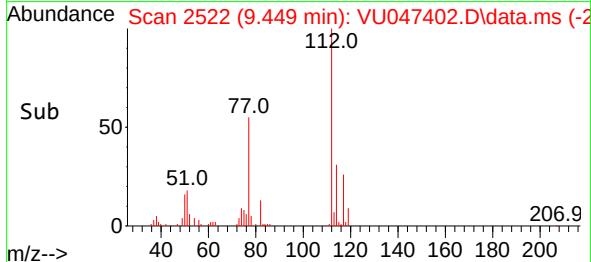
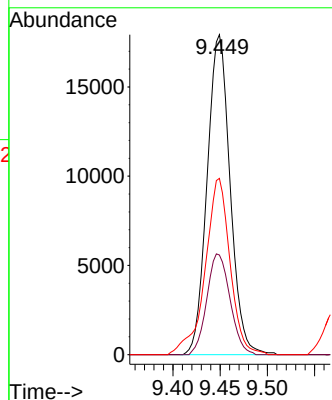
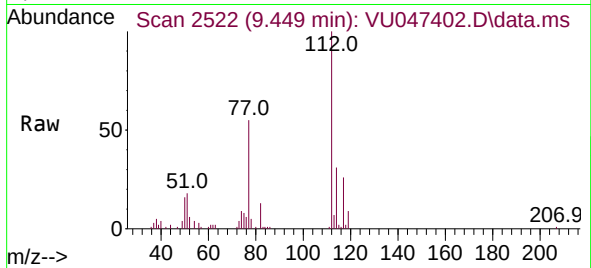




#51
Chlorobenzene
Concen: 0.939 ug/L
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

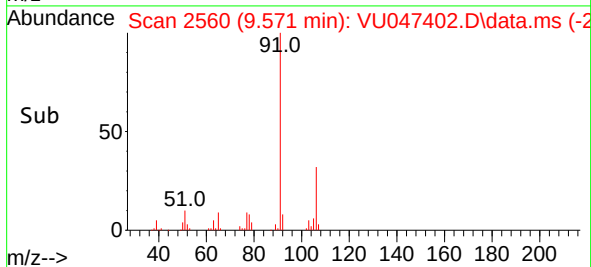
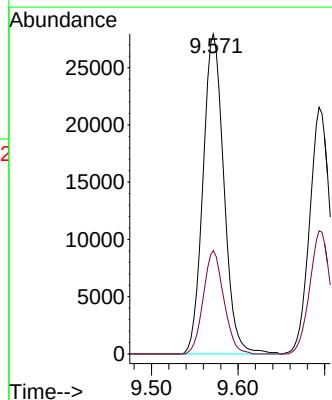
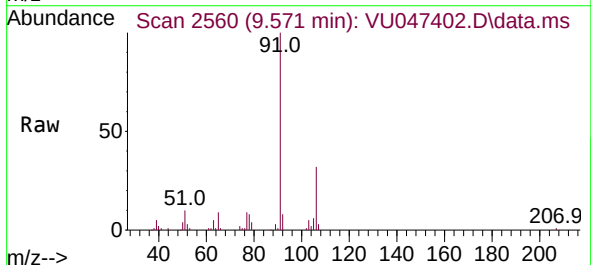
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

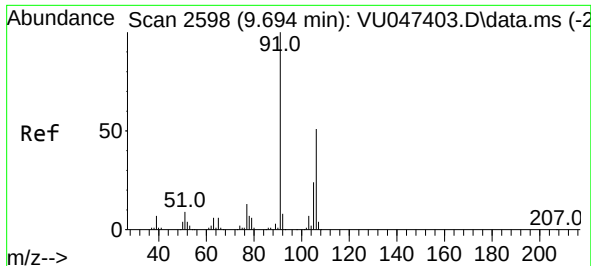
Tgt Ion:112 Resp: 30330
Ion Ratio Lower Upper
112 100
114 31.2 22.8 42.4
77 55.1 45.0 67.6



#52
Ethylbenzene
Concen: 0.936 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion: 91 Resp: 46821
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6

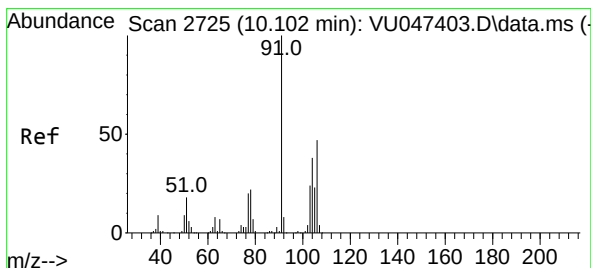
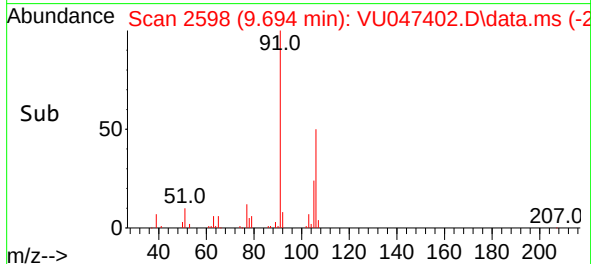
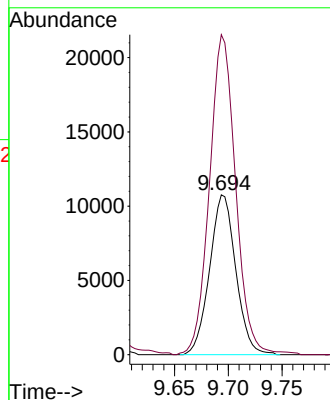
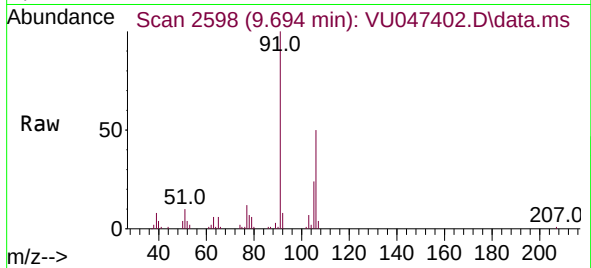




#53
m,p-Xylene
Concen: 0.939 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

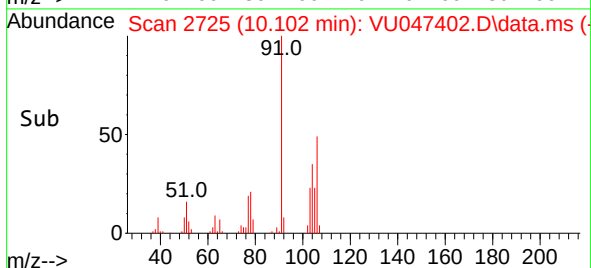
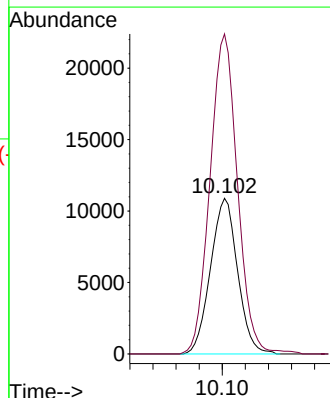
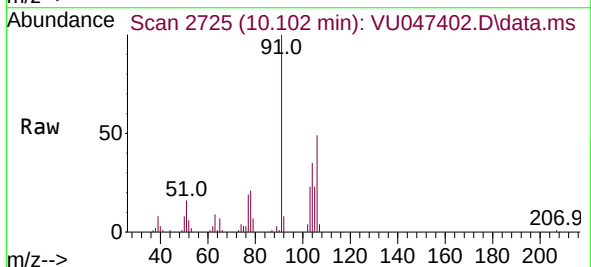
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

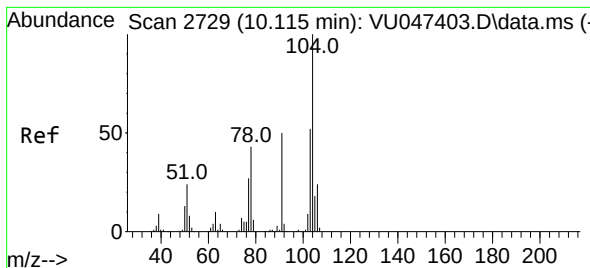
Tgt Ion:106 Resp: 18212
Ion Ratio Lower Upper
106 100
91 200.3 138.8 257.8



#54
o-Xylene
Concen: 0.980 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion:106 Resp: 17715
Ion Ratio Lower Upper
106 100
91 205.5 149.2 277.0





#55

Styrene

Concen: 0.903 ug/L

RT: 10.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

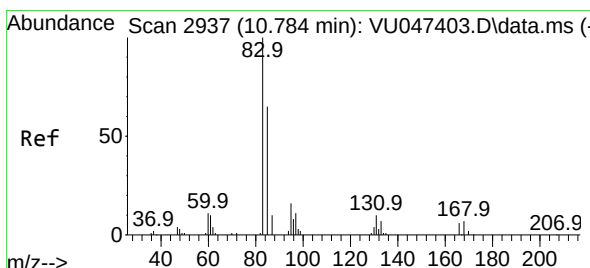
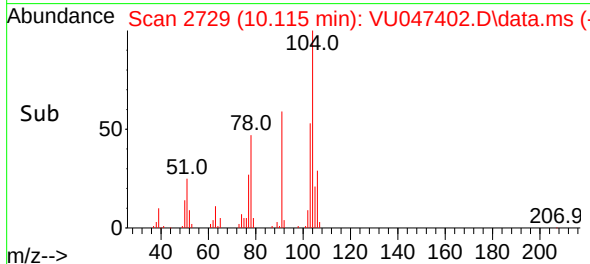
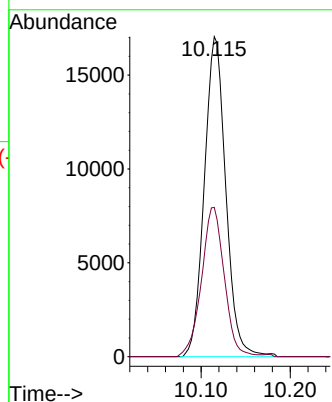
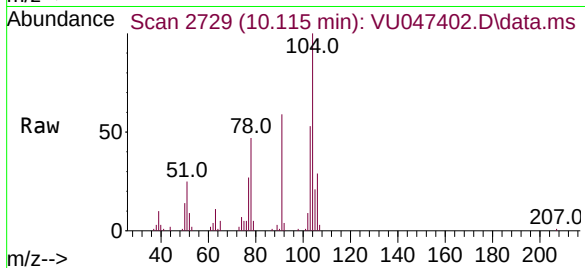
VSTD001014

Tgt Ion:104 Resp: 28558

Ion Ratio Lower Upper

104 100

78 46.7 30.4 56.4



#57

1,1,2,2-Tetrachloroethane

Concen: 0.893 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

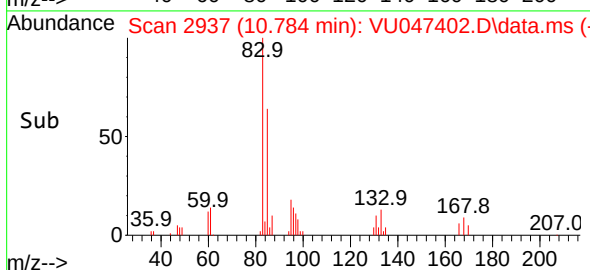
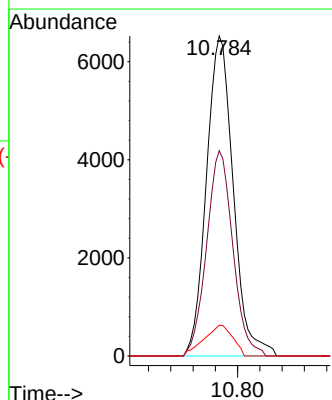
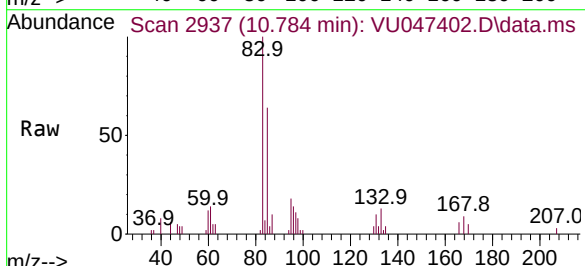
Tgt Ion: 83 Resp: 10901

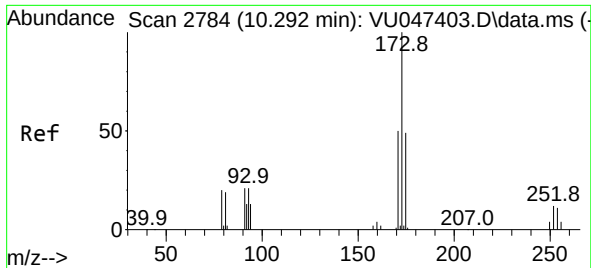
Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

131 9.6 8.2 12.4

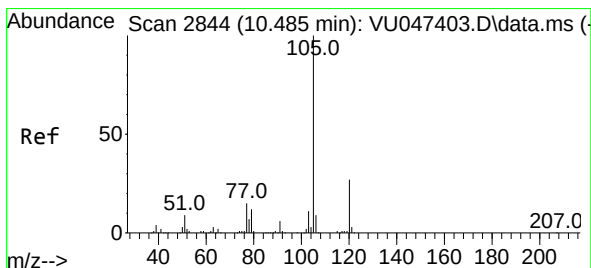
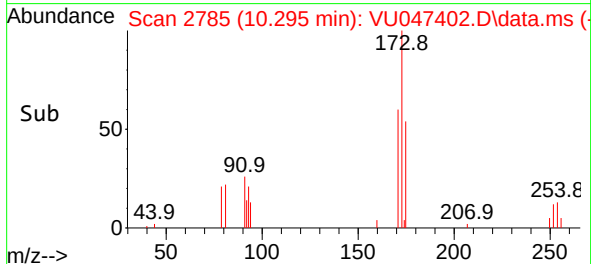
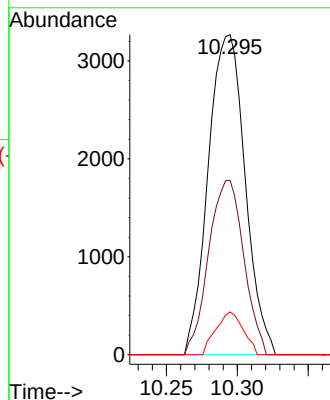
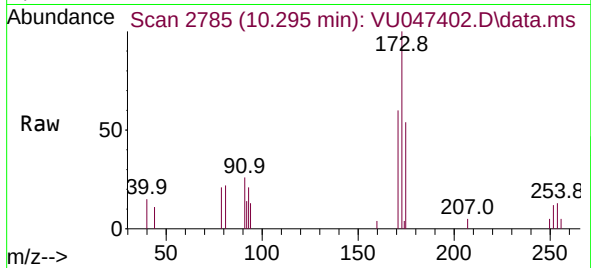




#59
Bromoform
Concen: 0.950 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

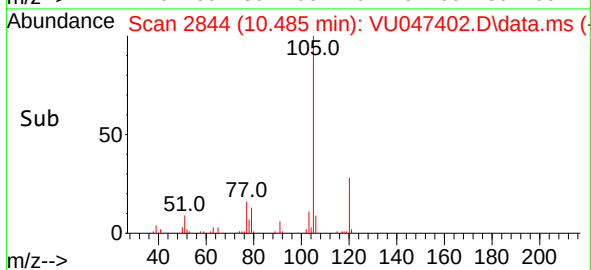
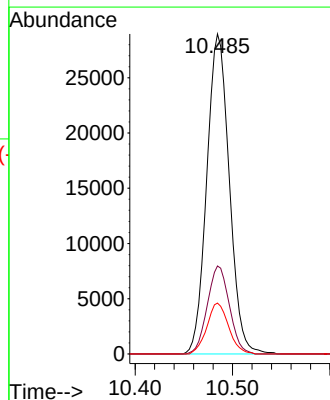
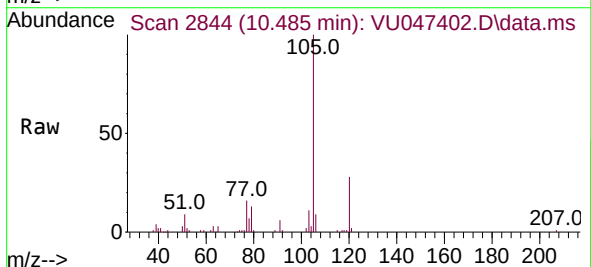
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

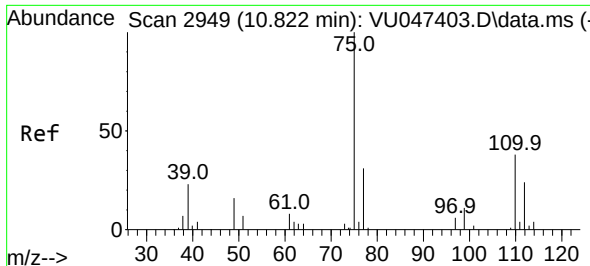
Tgt Ion:173 Resp: 5916
Ion Ratio Lower Upper
173 100
175 51.7 38.7 58.1
254 9.9 9.0 13.4



#60
Isopropylbenzene
Concen: 0.987 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion:105 Resp: 46448
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6
77 15.3 12.2 18.2

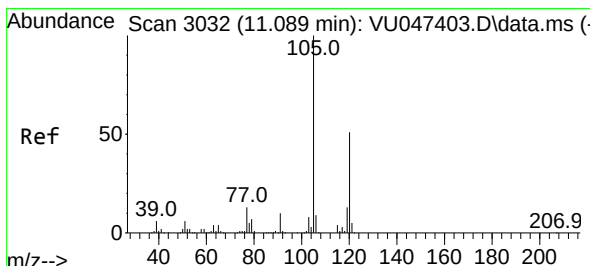
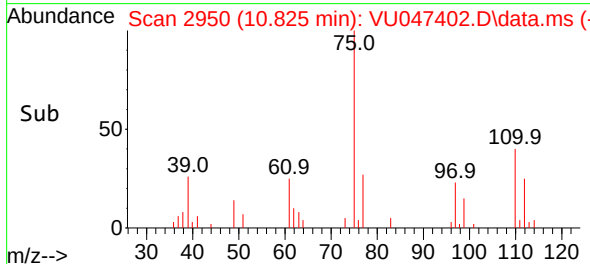
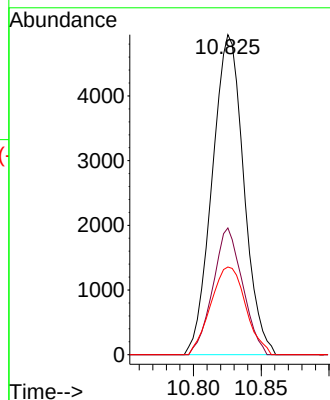
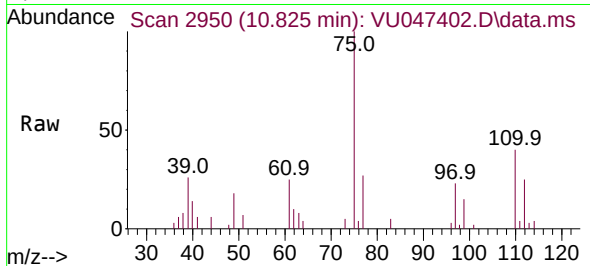




#61
 1,2,3-Trichloropropane
 Concen: 0.920 ug/L
 RT: 10.825 min Scan# 2949
 Delta R.T. 0.003 min
 Lab File: VU047402.D
 Acq: 09 Mar 2022 13:38

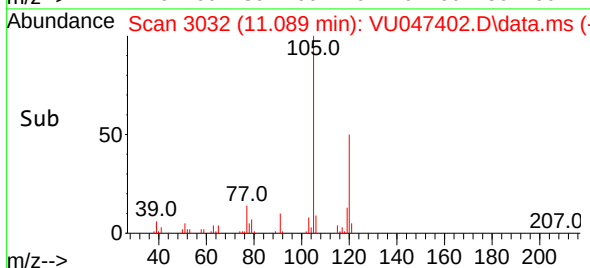
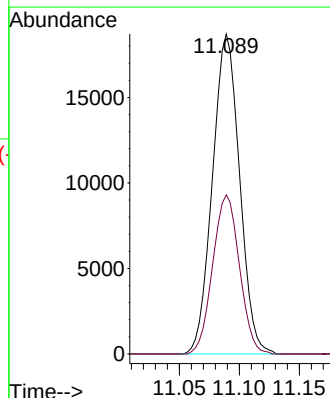
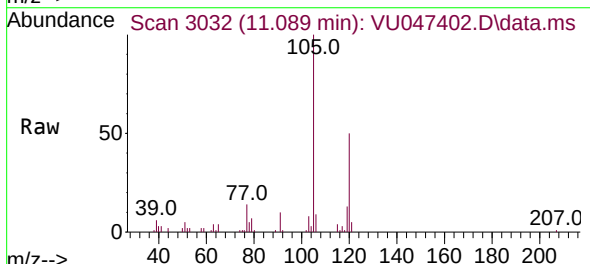
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014

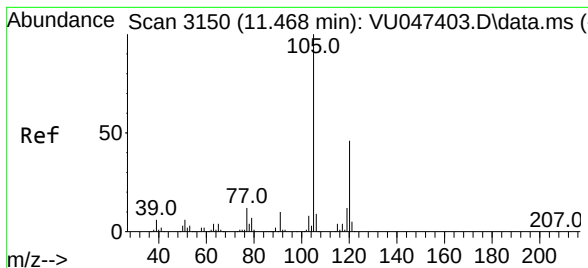
Tgt Ion: 75 Resp: 8006
 Ion Ratio Lower Upper
 75 100
 110 37.2 31.0 46.4
 77 30.4 26.2 39.4



#62
 1,3,5-Trimethylbenzene
 Concen: 0.828 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047402.D
 Acq: 09 Mar 2022 13:38

Tgt Ion: 105 Resp: 29383
 Ion Ratio Lower Upper
 105 100
 120 48.9 40.1 60.1





#63

1,2,4-Trimethylbenzene

Concen: 1.003 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

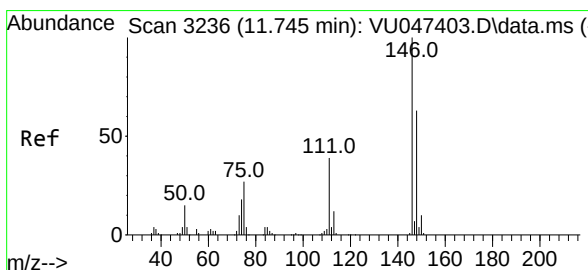
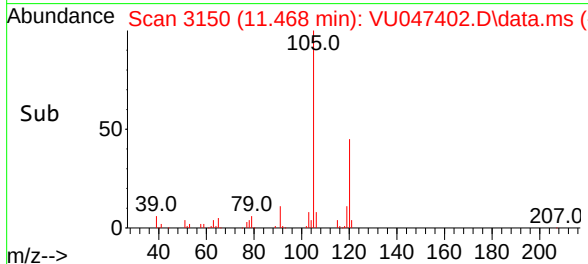
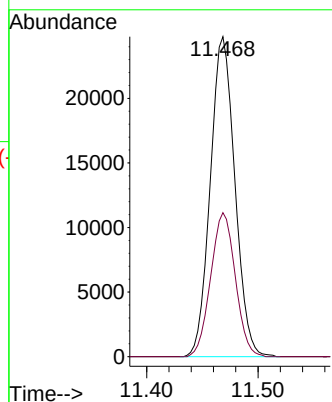
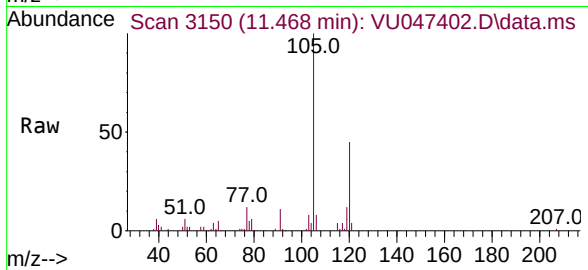
VSTD001014

Tgt Ion:105 Resp: 37990

Ion Ratio Lower Upper

105 100

120 45.0 37.2 55.8



#64

1,3-Dichlorobenzene

Concen: 0.978 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

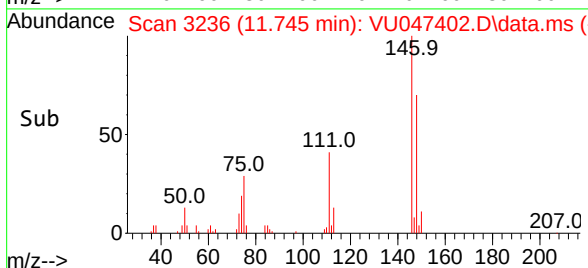
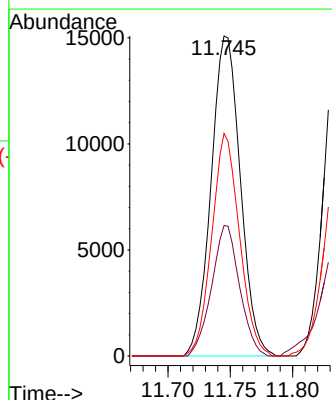
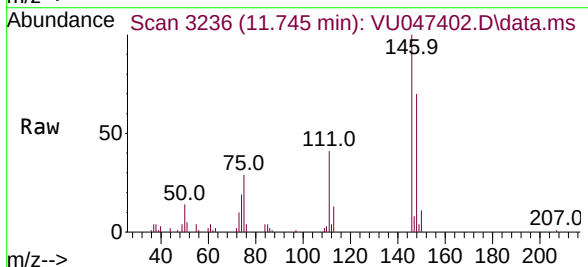
Tgt Ion:146 Resp: 24665

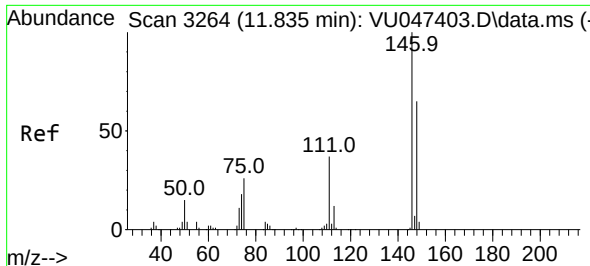
Ion Ratio Lower Upper

146 100

111 40.8 27.0 50.2

148 69.5 44.4 82.4

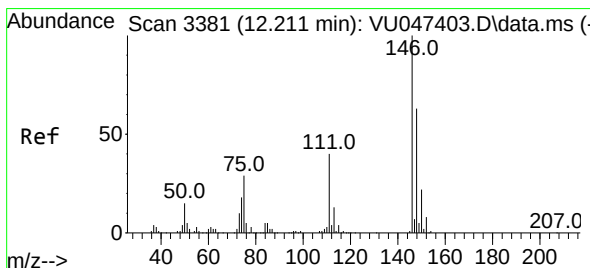
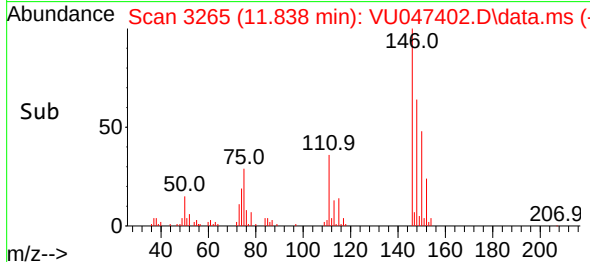
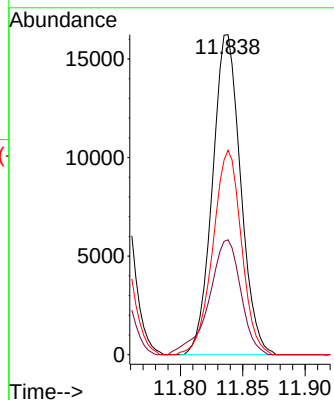
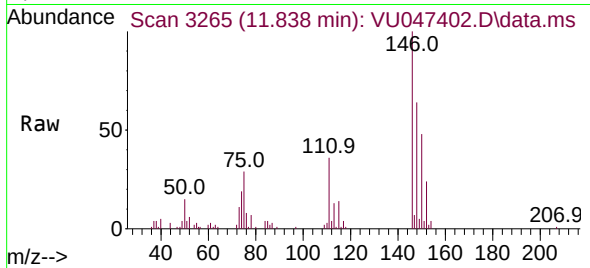




#65
 1,4-Dichlorobenzene
 Concen: 0.990 ug/L
 RT: 11.838 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU047402.D
 Acq: 09 Mar 2022 13:38

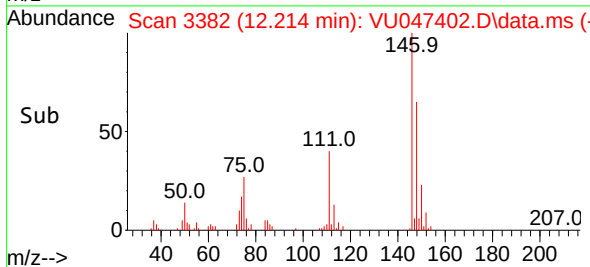
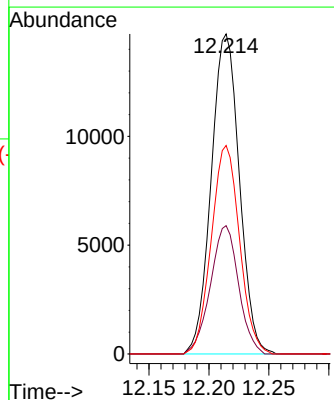
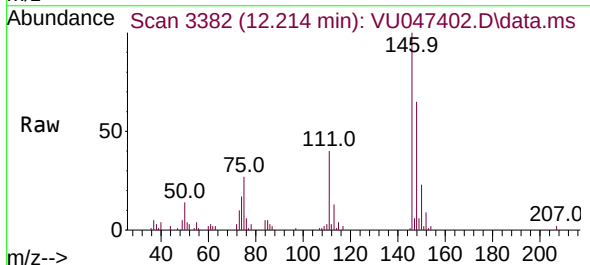
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014

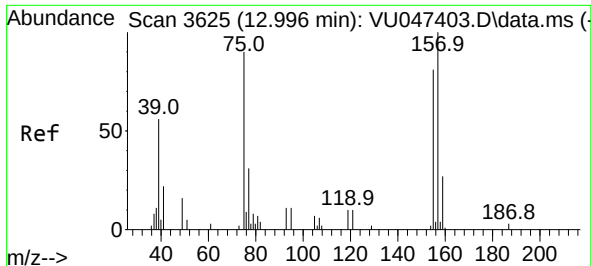
Tgt Ion:146 Resp: 25543
 Ion Ratio Lower Upper
 146 100
 111 35.9 26.1 48.5
 148 63.9 45.6 84.6



#67
 1,2-Dichlorobenzene
 Concen: 0.988 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.003 min
 Lab File: VU047402.D
 Acq: 09 Mar 2022 13:38

Tgt Ion:146 Resp: 23993
 Ion Ratio Lower Upper
 146 100
 111 40.1 31.9 47.9
 148 65.1 50.5 75.7

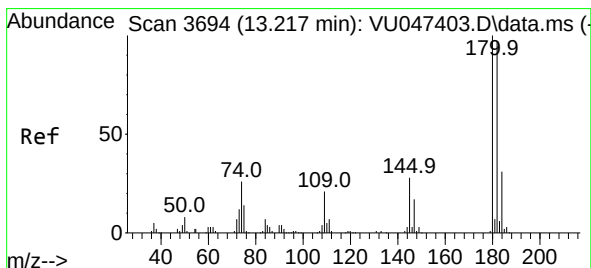
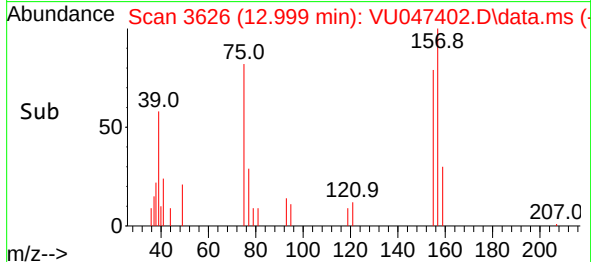
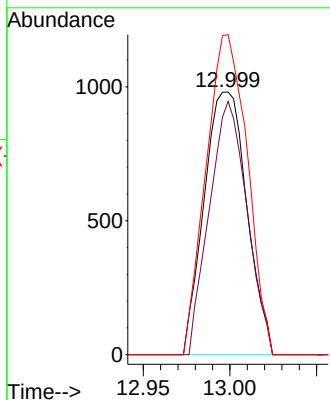
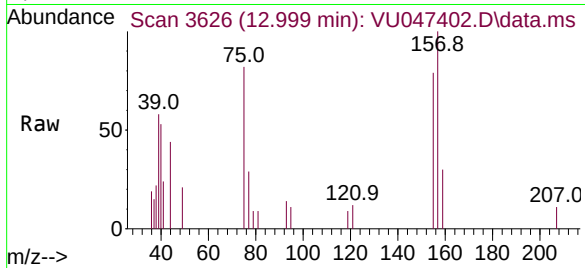




#68
1,2-Dibromo-3-chloropropane
Concen: 0.897 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

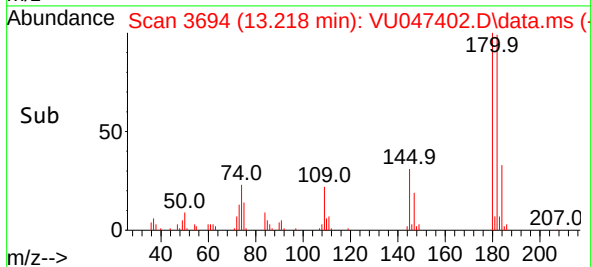
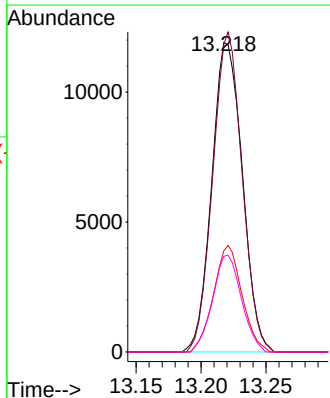
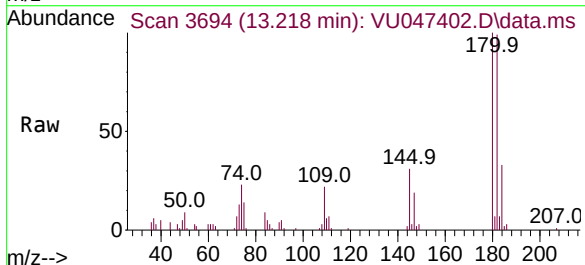
Instrument :
MSVOA_U
ClientSampleId :
VSTD001014

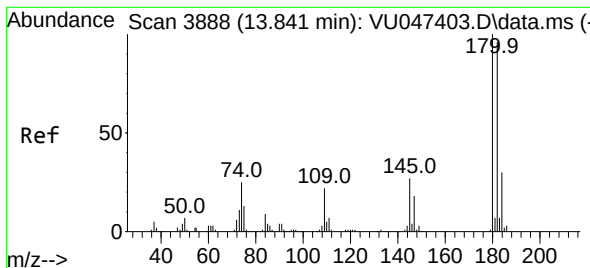
Tgt Ion: 75 Resp: 1677
Ion Ratio Lower Upper
75 100
155 96.4 71.3 106.9
157 121.8 88.6 132.8



#69
1,3,5-Trichlorobenzene
Concen: 0.998 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU047402.D
Acq: 09 Mar 2022 13:38

Tgt Ion:180 Resp: 19471
Ion Ratio Lower Upper
180 100
182 98.8 77.1 115.7
184 32.0 25.0 37.4
145 29.5 22.0 33.0





#70

1,2,4-trichlorobenzene

Concen: 1.086 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD001014

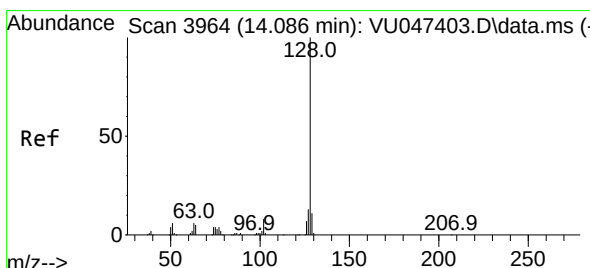
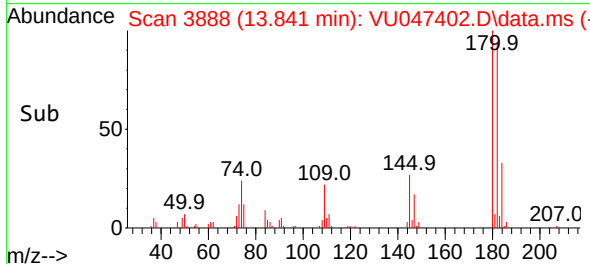
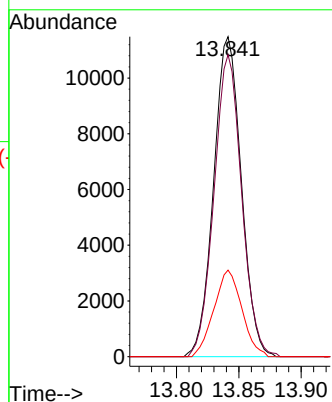
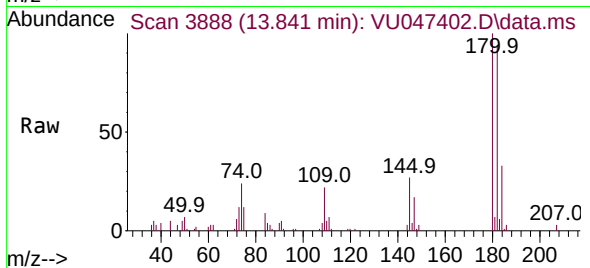
Tgt Ion:180 Resp: 17722

Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

145 27.4 22.4 33.6



#71

Naphthalene

Concen: 1.049 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU047402.D

Acq: 09 Mar 2022 13:38

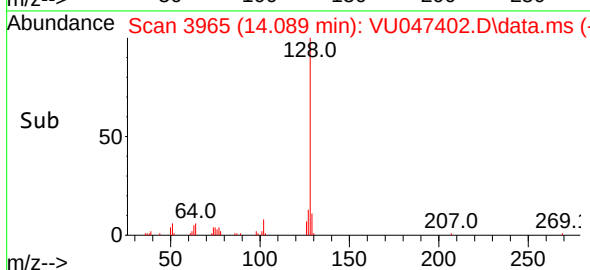
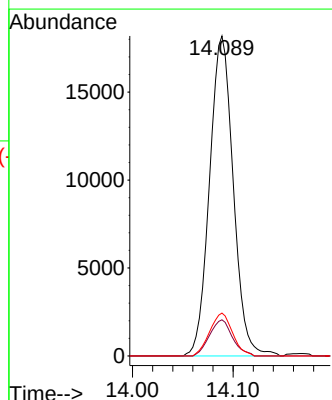
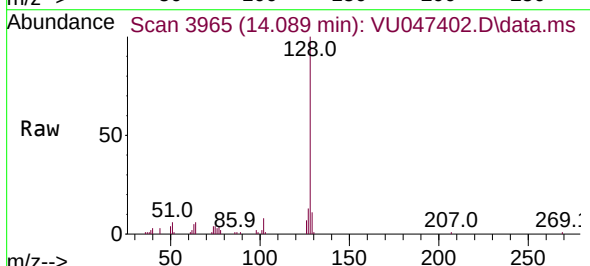
Tgt Ion:128 Resp: 29838

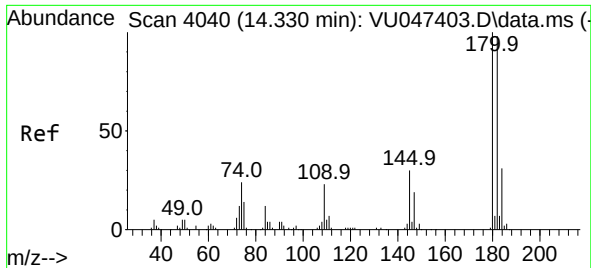
Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

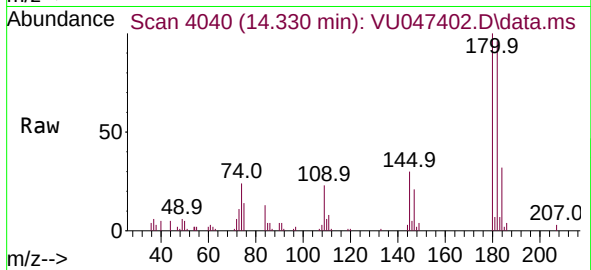
127 12.9 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.069 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU047402.D
 Acq: 09 Mar 2022 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001014



Tgt Ion:	180	Resp:	16355
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.0	115.6
145	30.1	23.4	35.2

