

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030822\
 Data File : U047398.D
 Acq On : 08 Mar 2022 18:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Mar 09 03:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	177523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38722	3.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.919	69	42083	4.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.572	65	17531	3.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.639	46	171958	41.572	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.140%
24) Chloroform-d	5.067	84	106494	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.706	65	61010	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.732	84	198104	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.694	67	67950	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.899	98	174657	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.182	79	28740	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.636	63	189501	51.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	70539	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	81735	4.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58504	5.227	ug/L	99
3) Chloromethane	1.527	50	60139	4.859	ug/L	100
5) Vinyl chloride	1.607	62	58947	5.007	ug/L	99
6) Bromomethane	1.864	94	33113	5.194	ug/L	99
8) Chloroethane	1.941	64	35262	5.179	ug/L	97
9) Trichlorofluoromethane	2.144	101	79465	5.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	46858	5.486	ug/L	92
12) 1,1-Dichloroethene	2.584	96	46157	5.305	ug/L	81
13) Acetone	2.655	43	63098	37.790	ug/L	100
14) Carbon disulfide	2.800	76	143317	5.110	ug/L	100
15) Methyl Acetate	2.961	43	18756	4.903	ug/L	96
16) Methylene chloride	3.051	84	54460	5.376	ug/L	88
17) Methyl tert-butyl Ether	3.369	73	116145	4.985	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	49450	5.233	ug/L	94
19) 1,1-Dichloroethane	3.877	63	84382	5.364	ug/L	99
21) 2-Butanone	4.719	43	117989	37.173	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	54670	5.314	ug/L	95
23) Bromochloromethane	4.980	128	26367	5.132	ug/L	88
25) Chloroform	5.092	83	90290	5.245	ug/L	98

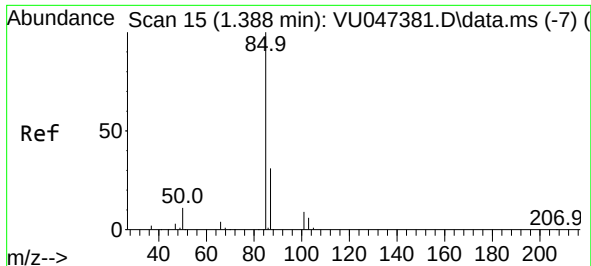
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	57937	4.997	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	77741	5.483	ug/L	98
30) Cyclohexane	5.391	56	73856	5.324	ug/L	95
31) Carbon tetrachloride	5.530	117	67743	5.533	ug/L	100
33) Benzene	5.777	78	202183	5.306	ug/L	100
34) Trichloroethene	6.542	95	54226	5.415	ug/L	95
35) Methylcyclohexane	6.768	83	82667	5.383	ug/L	94
37) 1,2-Dichloropropane	6.793	63	49838	5.274	ug/L	99
38) Bromodichloromethane	7.108	83	66373	5.352	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	76460	5.096	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	347699	48.781	ug/L	98
42) Toluene	7.970	91	222985	5.399	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	68722	5.169	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	42109	5.153	ug/L	98
47) Tetrachloroethene	8.555	164	45762	5.364	ug/L	92
48) 2-Hexanone	8.687	43	261109	49.114	ug/L	98
49) Dibromochloromethane	8.812	129	49950	5.194	ug/L	97
50) 1,2-Dibromoethane	8.925	107	42550	5.098	ug/L #	98
51) Chlorobenzene	9.449	112	147620	5.308	ug/L	95
52) Ethylbenzene	9.571	91	239190	5.414	ug/L	99
53) m,p-Xylene	9.693	106	93227	5.310	ug/L	99
54) o-Xylene	10.102	106	91169	5.385	ug/L	100
55) Styrene	10.115	104	153222	5.338	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	55140	4.875	ug/L	93
59) Bromoform	10.291	173	31265	5.053	ug/L #	96
60) Isopropylbenzene	10.484	105	240099	5.581	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38933	4.889	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	155913	5.430	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	203889	5.451	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	124907	5.426	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	125663	5.328	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	120300	5.285	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	8951	4.920	ug/L #	63
69) 1,3,5-Trichlorobenzene	13.221	180	104423	5.441	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	92473	5.302	ug/L	98
71) Naphthalene	14.086	128	163070	4.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	84832	5.225	ug/L	97

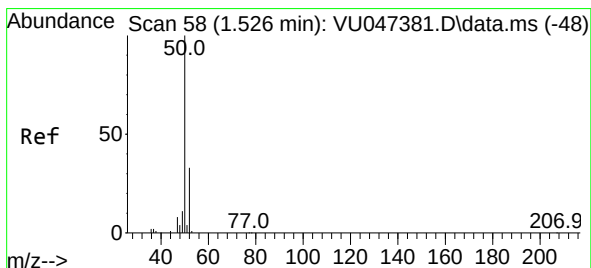
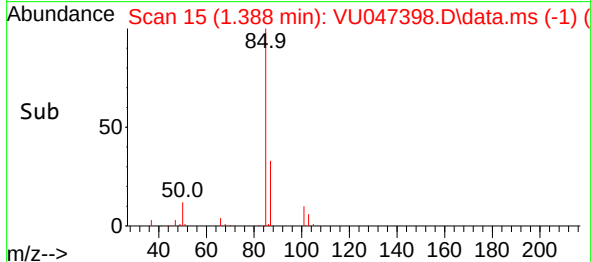
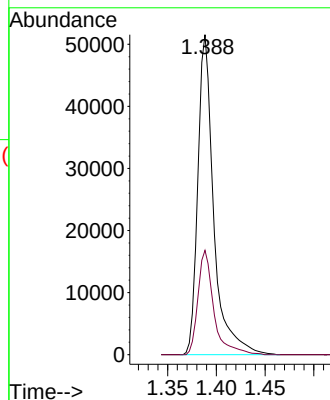
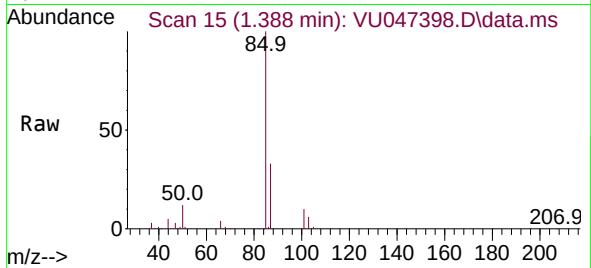
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#2
Dichlorodifluoromethane
Concen: 5.227 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

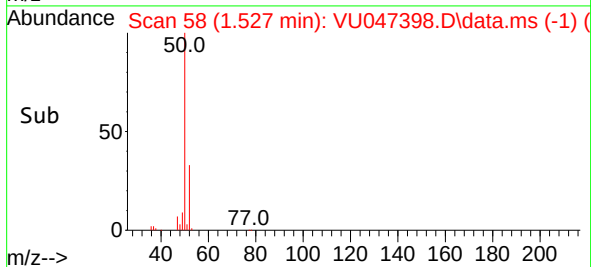
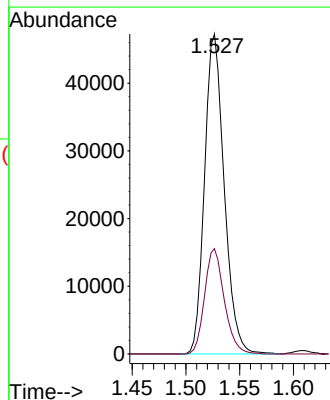
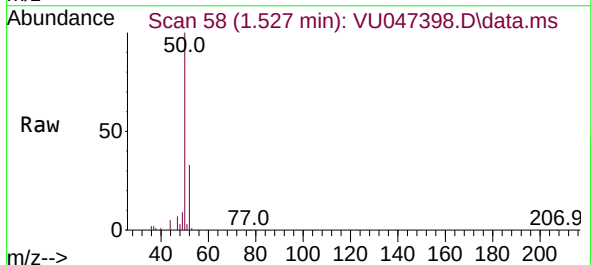
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

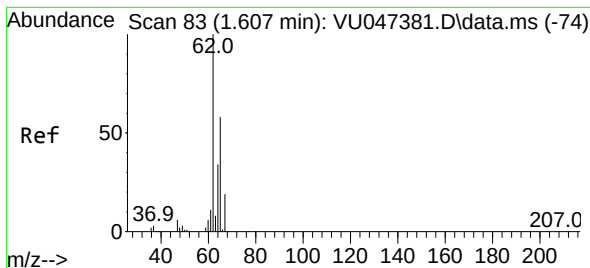
Tgt Ion: 85 Resp: 58504
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 4.859 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 50 Resp: 60139
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 5.007 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

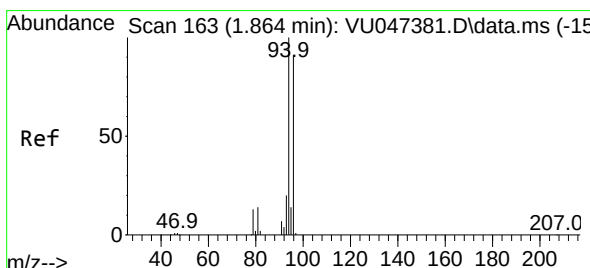
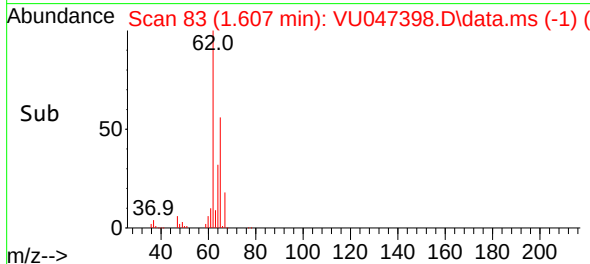
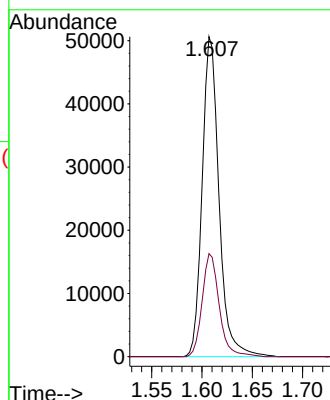
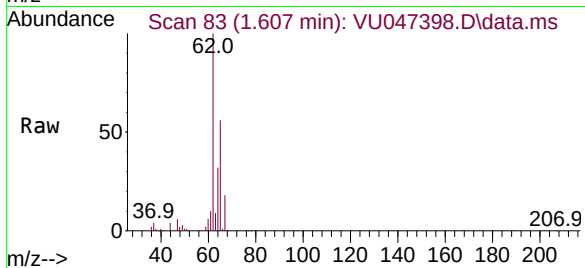
VSTD005089

Tgt Ion: 62 Resp: 58947

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



#6

Bromomethane

Concen: 5.194 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.000 min

Lab File: VU047398.D

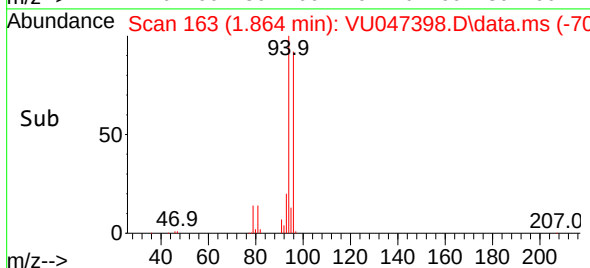
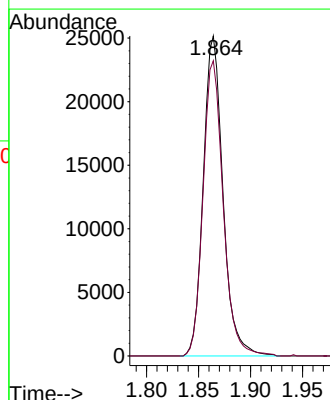
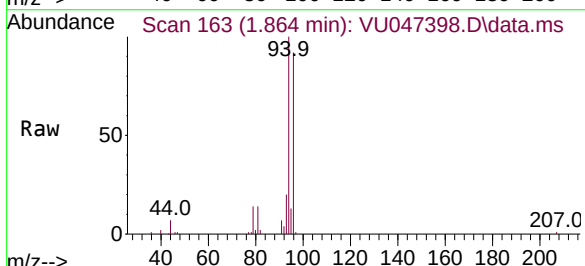
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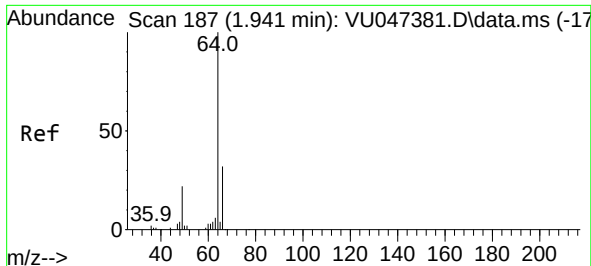
Tgt Ion: 94 Resp: 33113

Ion Ratio Lower Upper

94 100

96 92.2 65.5 121.6





#8

Chloroethane

Concen: 5.179 ug/L

RT: 1.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

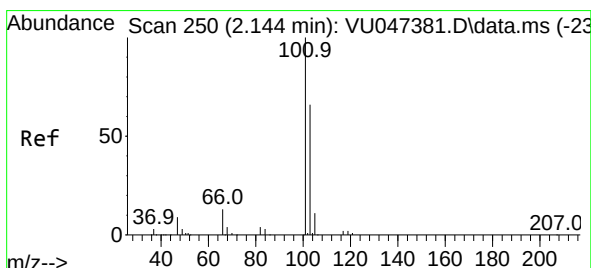
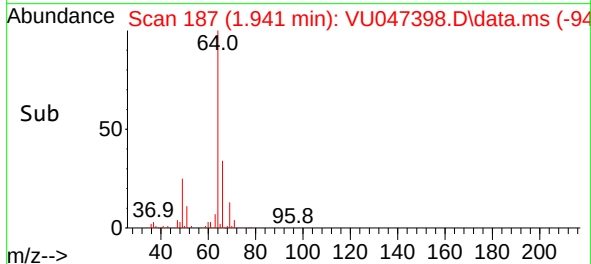
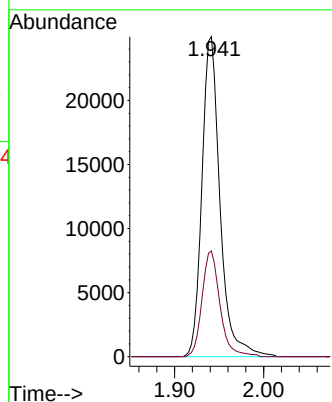
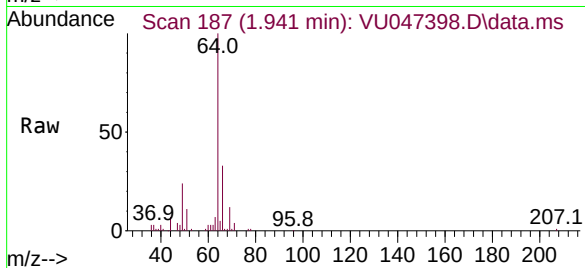
VSTD005089

Tgt Ion: 64 Resp: 35262

Ion Ratio Lower Upper

64 100

66 33.0 22.1 41.1



#9

Trichlorofluoromethane

Concen: 5.431 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.000 min

Lab File: VU047398.D

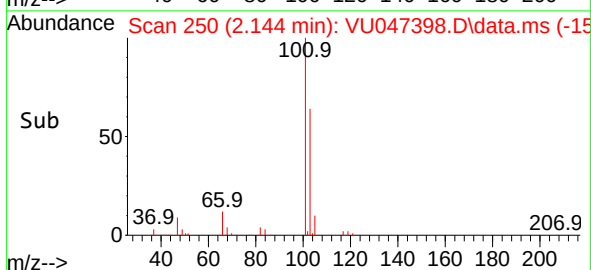
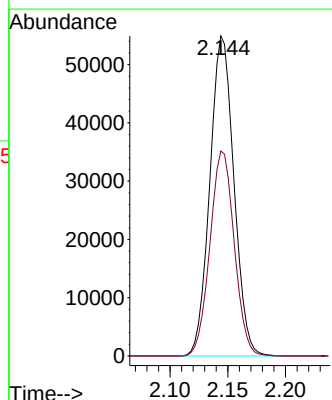
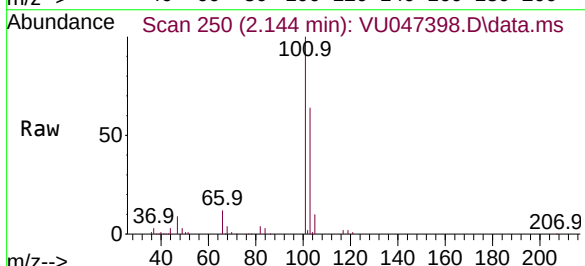
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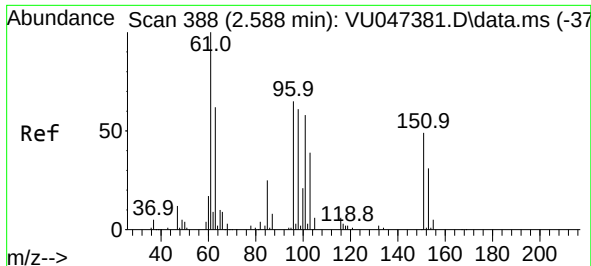
Tgt Ion: 101 Resp: 79465

Ion Ratio Lower Upper

101 100

103 64.6 51.5 77.3

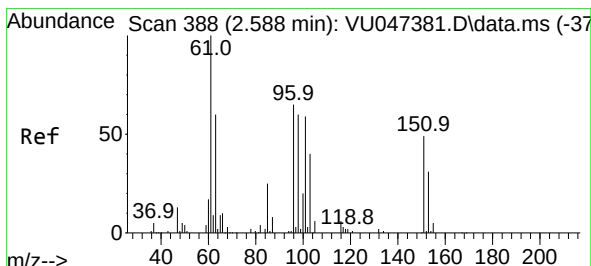
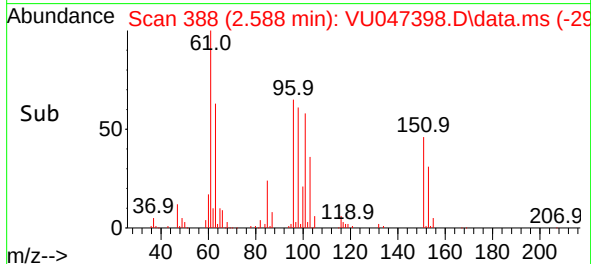
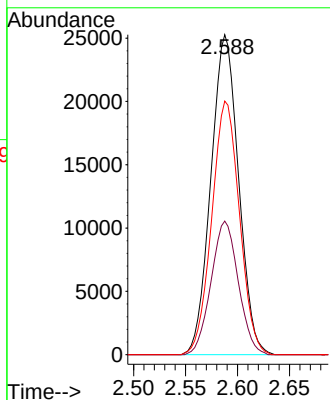
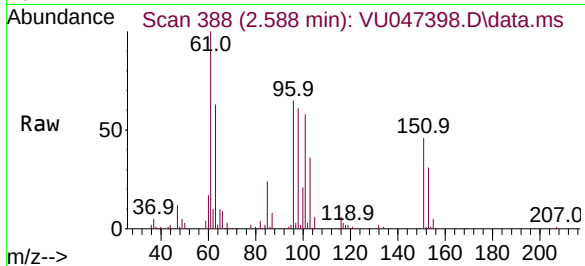




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.486 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

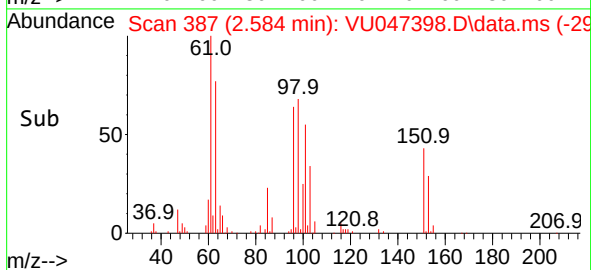
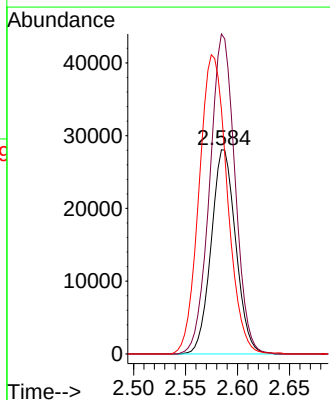
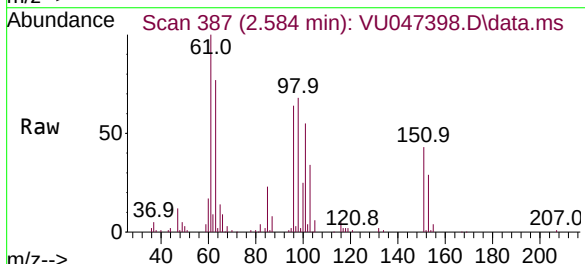
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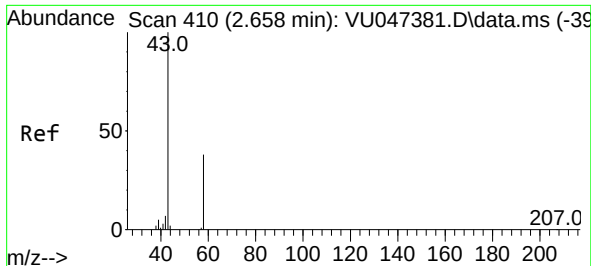
Tgt Ion:101 Resp: 46858
Ion Ratio Lower Upper
101 100
85 41.0 34.6 51.8
151 79.2 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.305 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 96 Resp: 46157
Ion Ratio Lower Upper
96 100
61 156.7 124.7 231.5
63 119.9 105.2 195.4





#13

Acetone

Concen: 37.790 ug/L

RT: 2.655 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

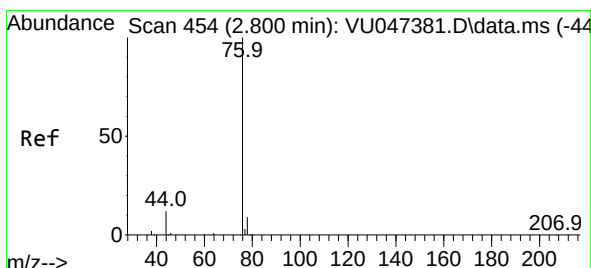
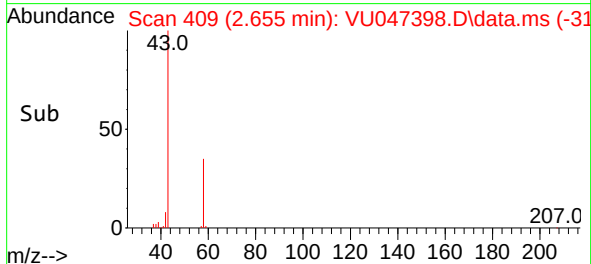
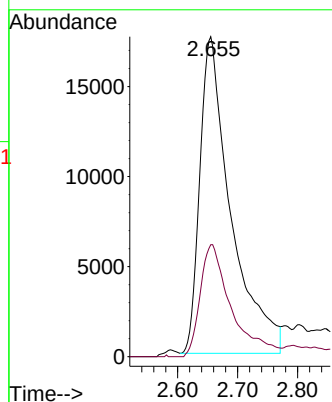
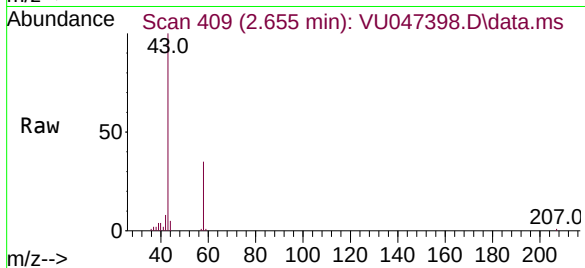
VSTD005089

Tgt Ion: 43 Resp: 63098

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.6



#14

Carbon disulfide

Concen: 5.110 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047398.D

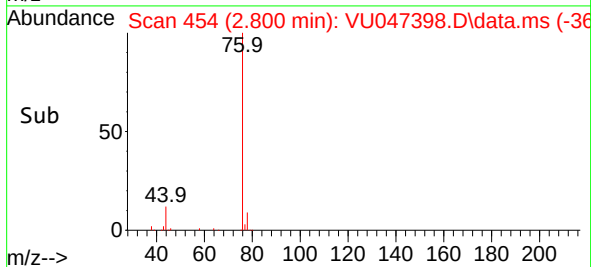
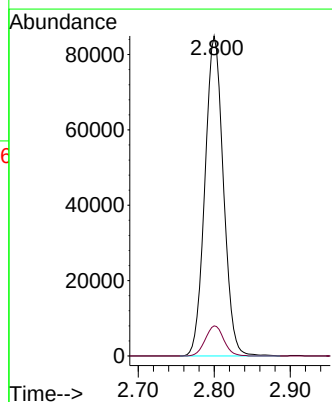
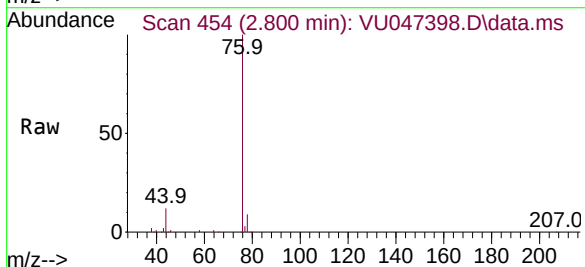
Acq: 08 Mar 2022 18:09

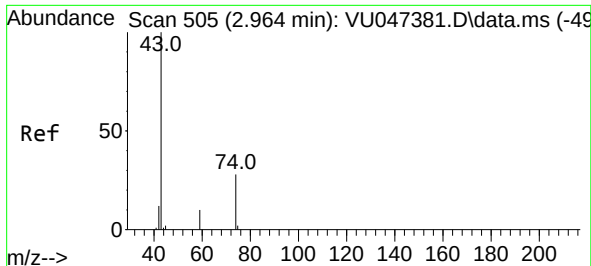
Tgt Ion: 76 Resp: 143317

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

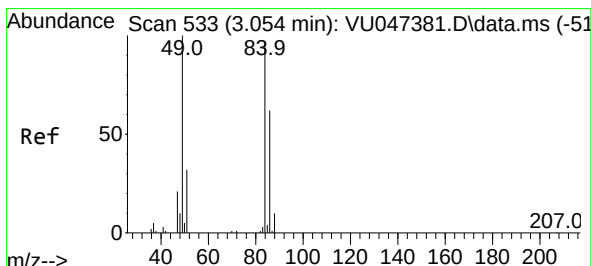
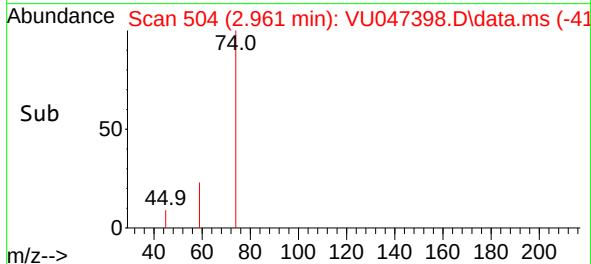
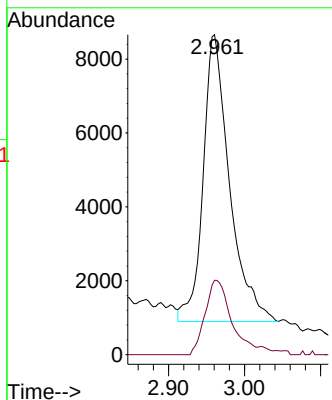
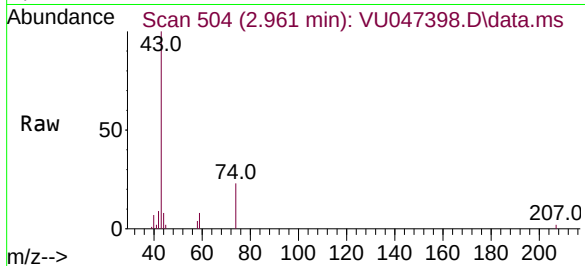




#15
Methyl Acetate
Concen: 4.903 ug/L
RT: 2.961 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

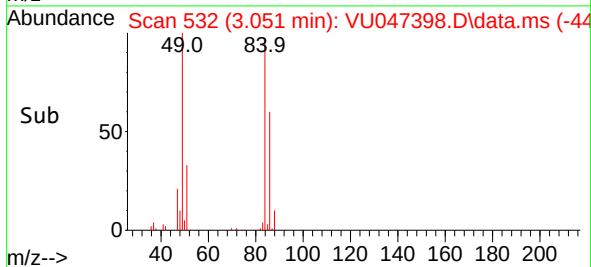
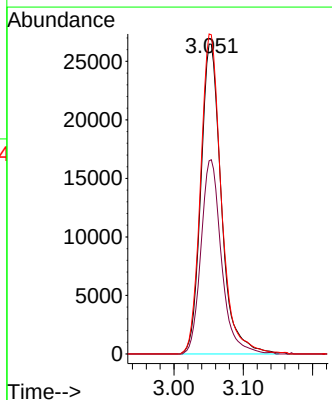
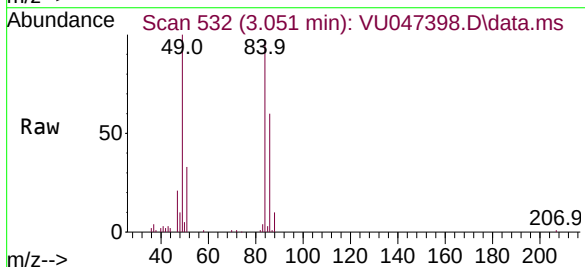
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

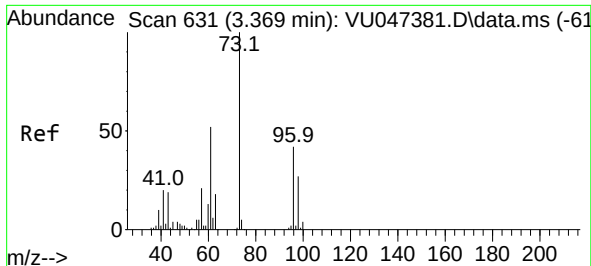
Tgt Ion: 43 Resp: 18756
Ion Ratio Lower Upper
43 100
74 25.6 19.1 28.7



#16
Methylene chloride
Concen: 5.376 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 84 Resp: 54460
Ion Ratio Lower Upper
84 100
86 62.3 45.8 85.0
49 103.2 84.5 156.9

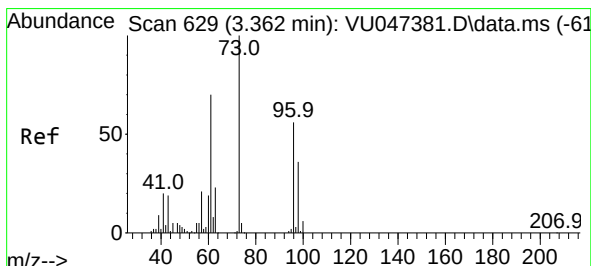
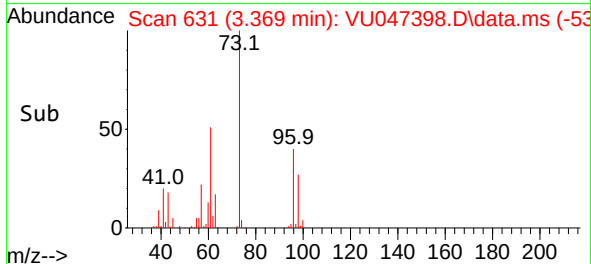
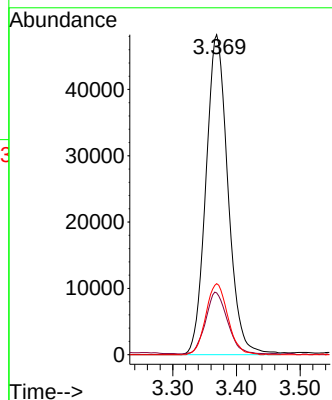
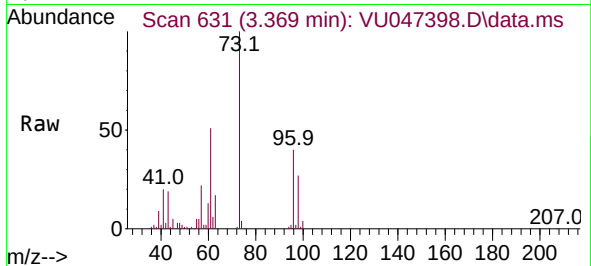




#17
Methyl tert-butyl Ether
Concen: 4.985 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

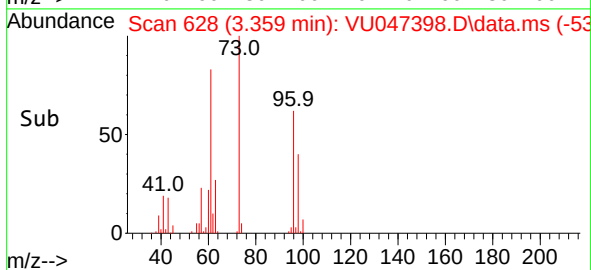
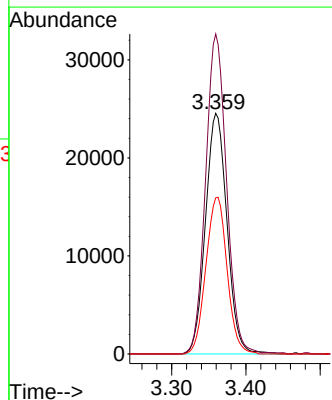
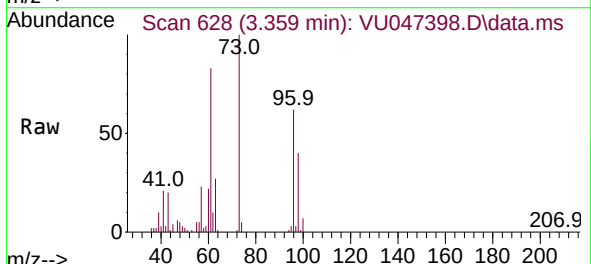
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

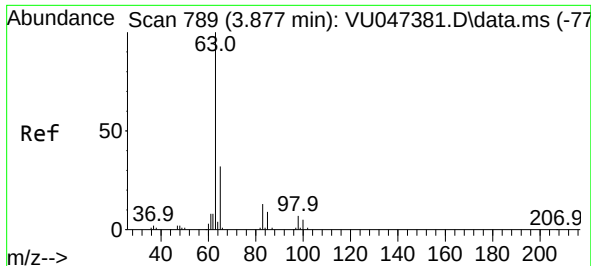
Tgt Ion: 73 Resp: 116145
Ion Ratio Lower Upper
73 100
43 19.1 14.8 22.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.233 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 96 Resp: 49450
Ion Ratio Lower Upper
96 100
61 133.0 100.8 187.2
98 64.9 45.1 83.7

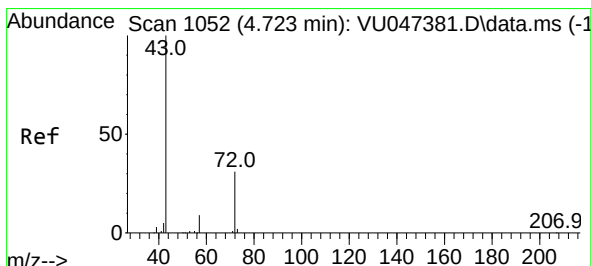
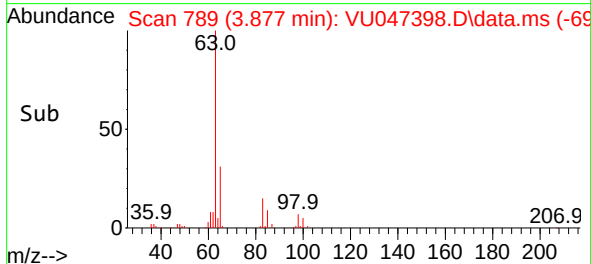
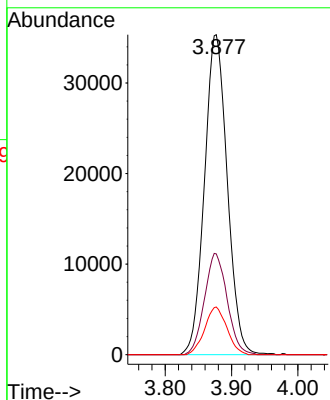
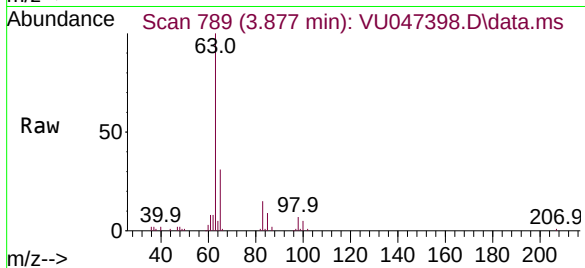




#19
1,1-Dichloroethane
Concen: 5.364 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

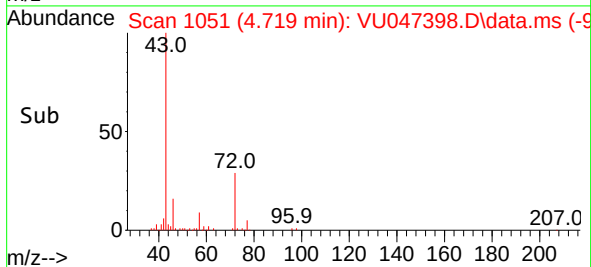
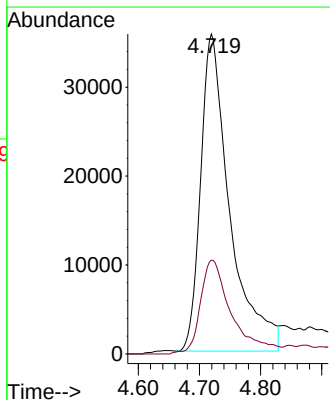
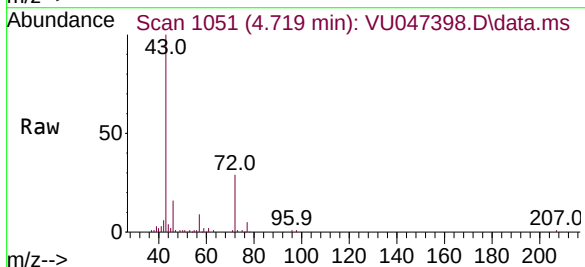
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

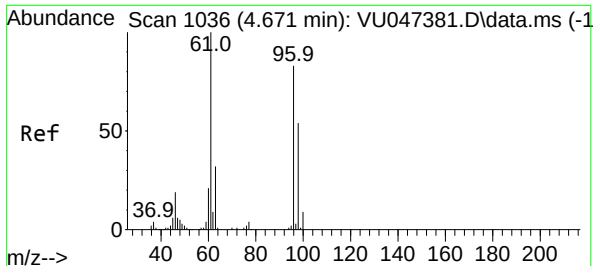
Tgt Ion: 63 Resp: 84382
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.5
83 14.9 9.6 17.8



#21
2-Butanone
Concen: 37.173 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 43 Resp: 117989
Ion Ratio Lower Upper
43 100
72 31.8 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.314 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005089

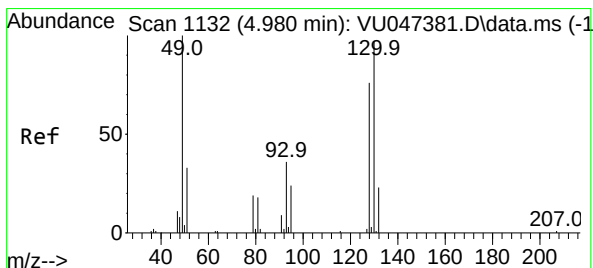
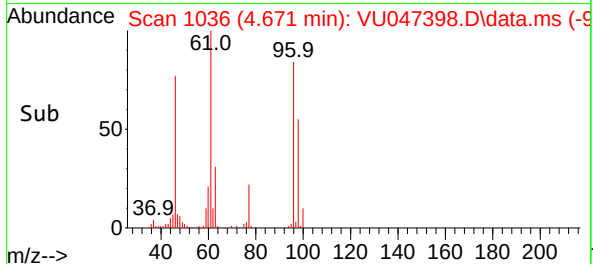
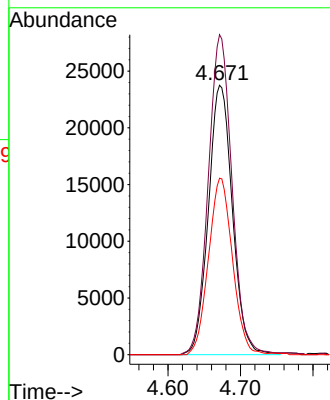
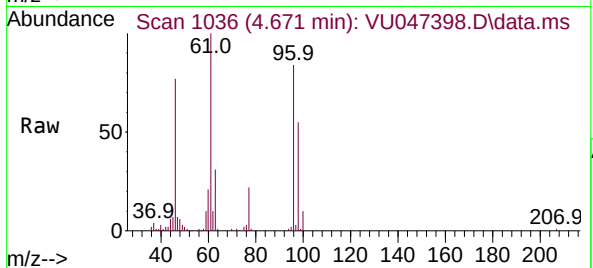
Tgt Ion: 96 Resp: 54670

Ion Ratio Lower Upper

96 100

61 118.8 88.5 164.3

98 65.5 44.4 82.5



#23

Bromochloromethane

Concen: 5.132 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Tgt Ion: 128 Resp: 26367

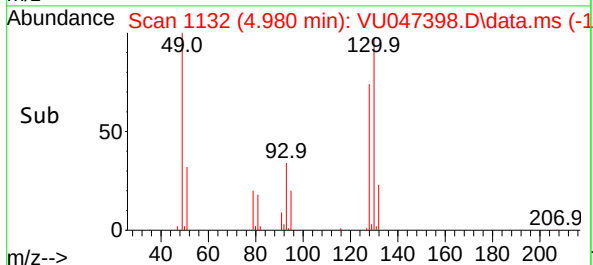
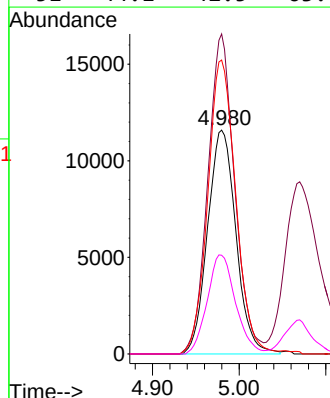
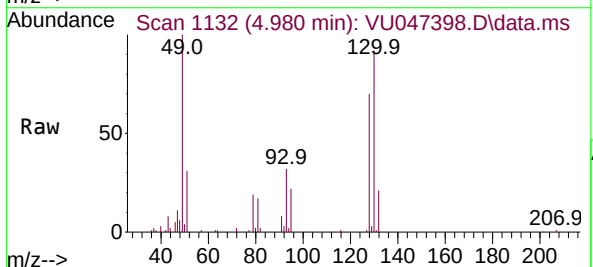
Ion Ratio Lower Upper

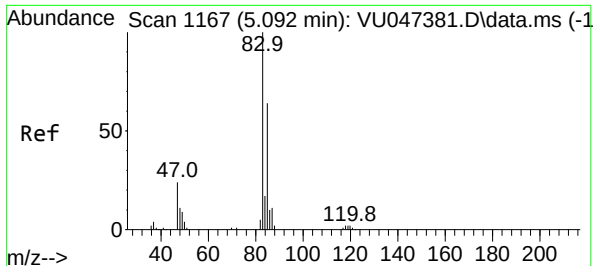
128 100

49 142.9 117.0 217.2

130 131.3 88.2 163.8

51 44.1 42.5 63.7





#25

Chloroform

Concen: 5.245 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

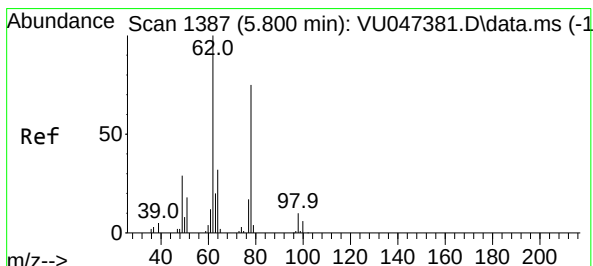
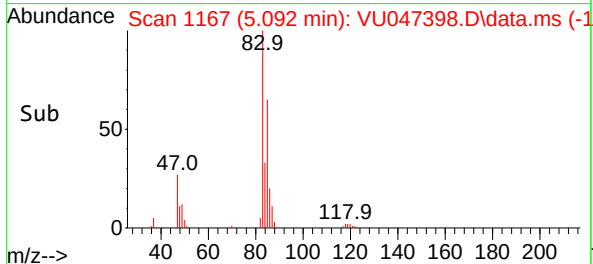
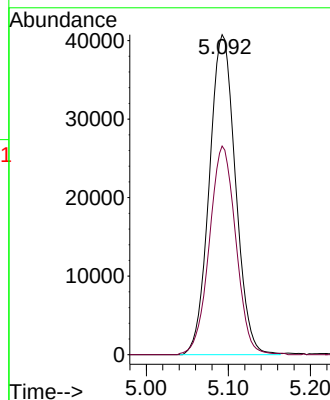
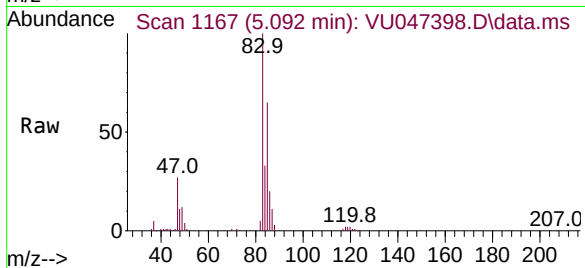
VSTD005089

Tgt Ion: 83 Resp: 90290

Ion Ratio Lower Upper

83 100

85 65.2 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.997 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047398.D

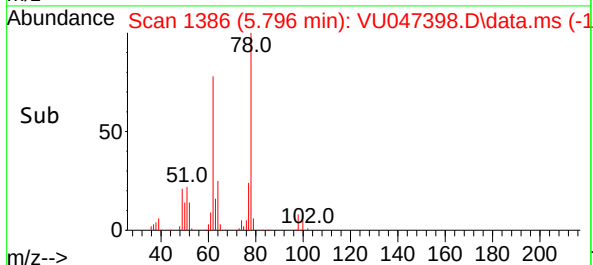
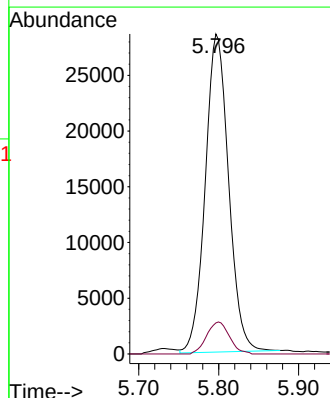
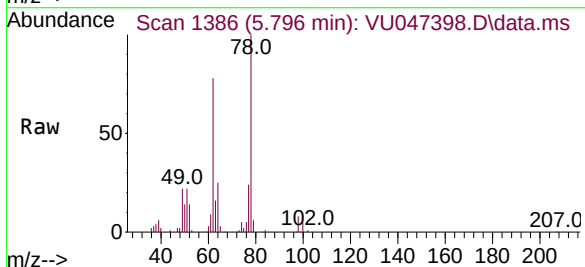
Acq: 08 Mar 2022 18:09

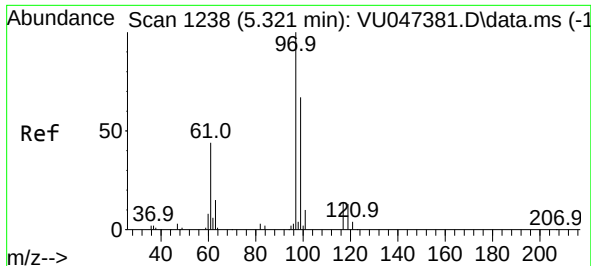
Tgt Ion: 62 Resp: 57937

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8

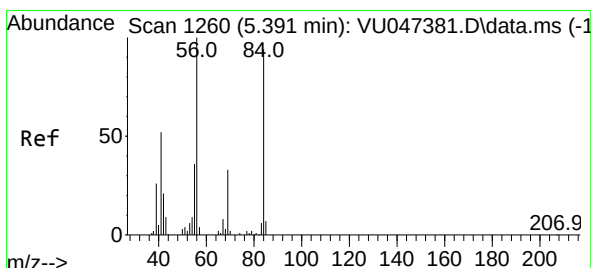
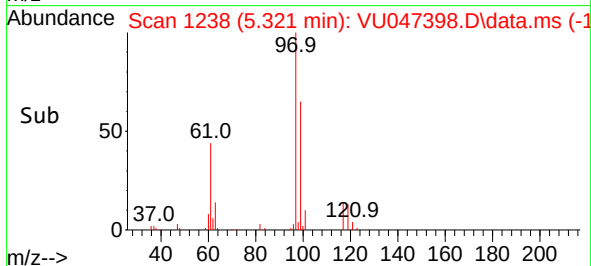
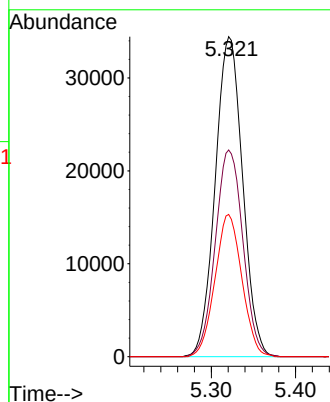
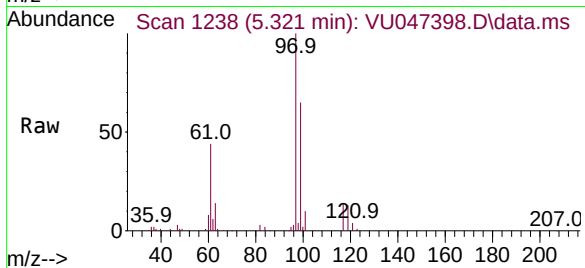




#29
1,1,1-Trichloroethane
Concen: 5.483 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

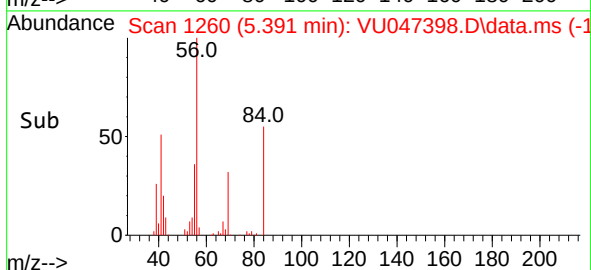
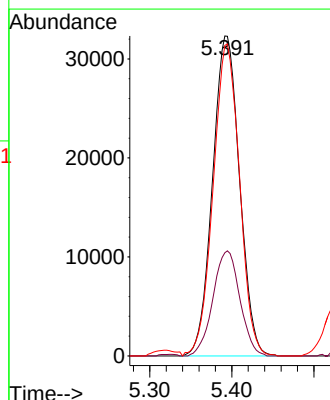
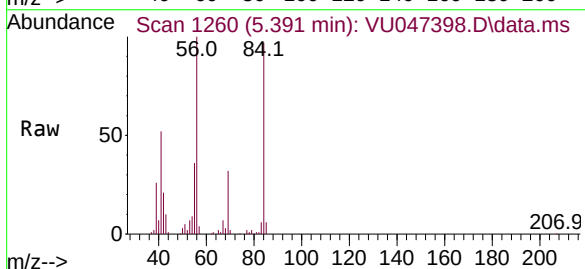
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

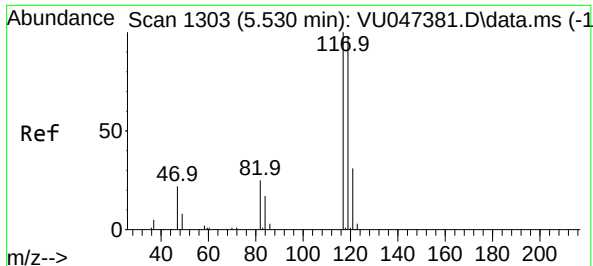
Tgt Ion:	97	Resp:	77741
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.3	76.9
61	43.6	36.1	54.1



#30
Cyclohexane
Concen: 5.324 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:	56	Resp:	73856
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.7	37.1
84	95.2	71.8	107.6

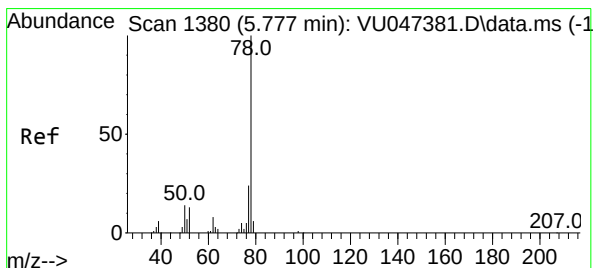
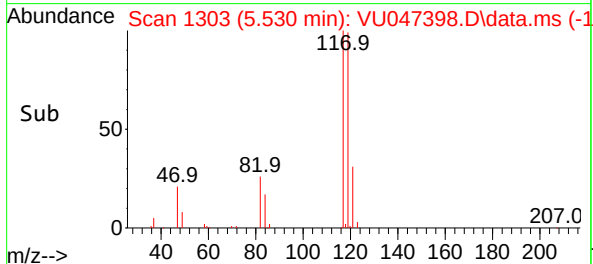
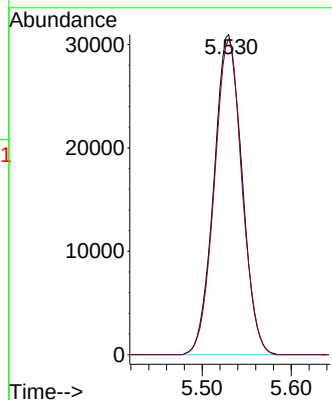
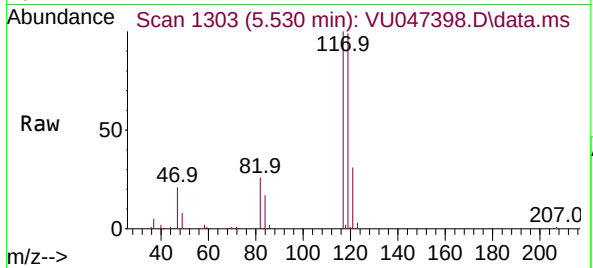




#31
Carbon tetrachloride
Concen: 5.533 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

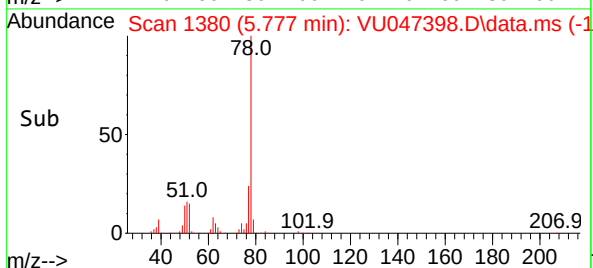
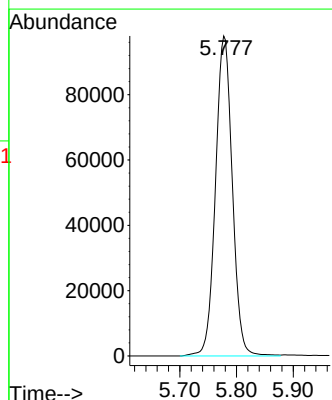
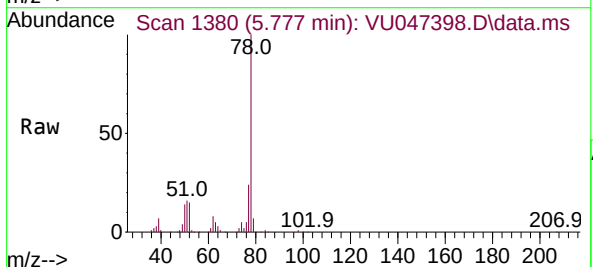
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

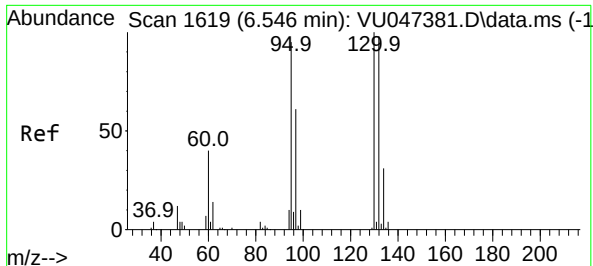
Tgt Ion:117 Resp: 67743
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 5.306 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 78 Resp: 202183





#34

Trichloroethene

Concen: 5.415 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005089

Tgt Ion: 95 Resp: 54226

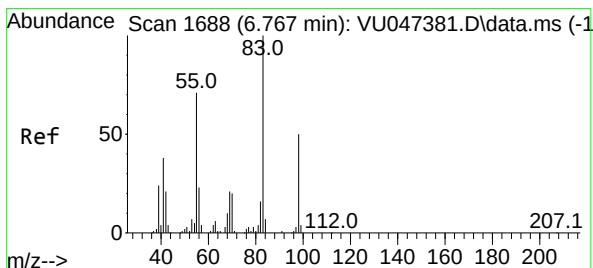
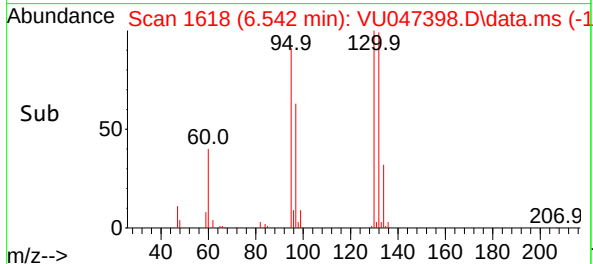
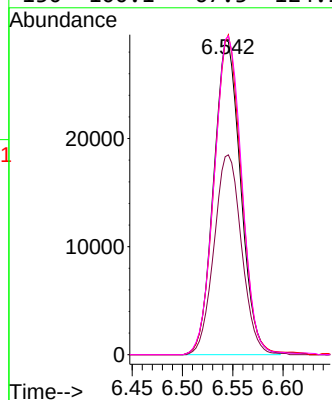
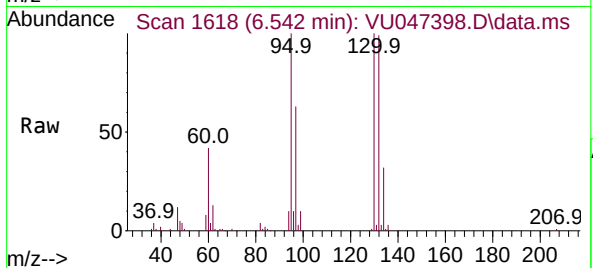
Ion Ratio Lower Upper

95 100

97 62.9 46.5 86.5

132 99.4 65.1 120.9

130 100.1 67.3 124.9



#35

Methylcyclohexane

Concen: 5.383 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

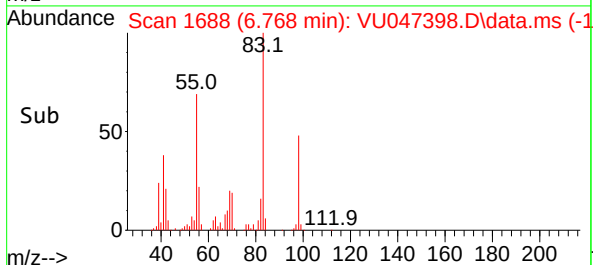
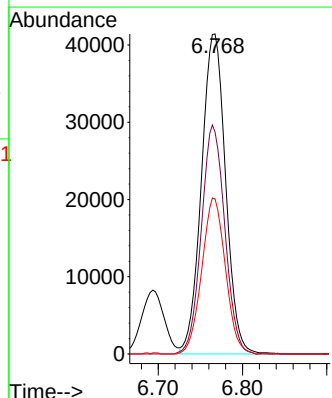
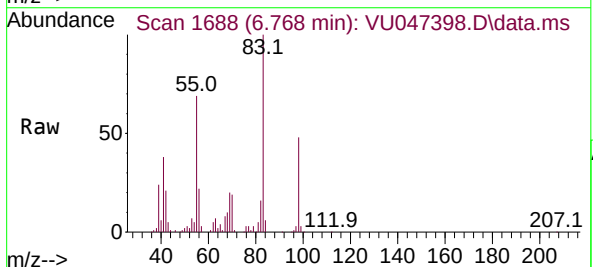
Tgt Ion: 83 Resp: 82667

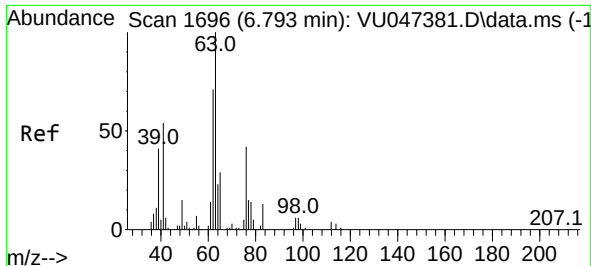
Ion Ratio Lower Upper

83 100

55 69.3 61.9 92.9

98 47.7 39.0 58.6

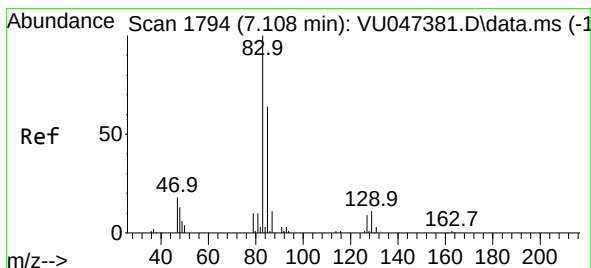
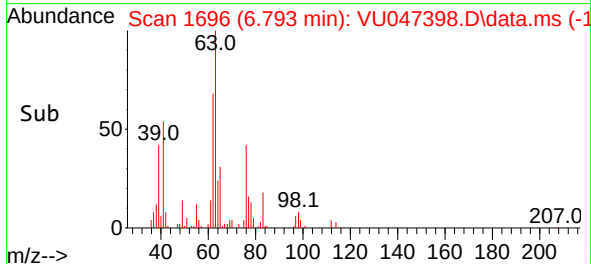
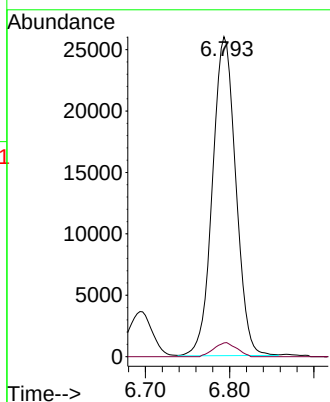
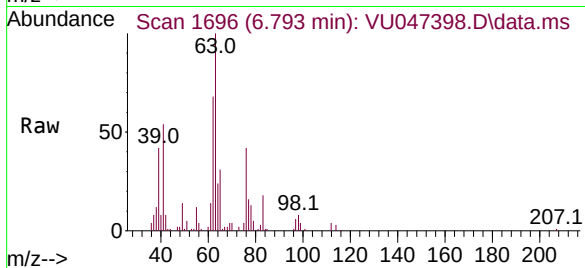




#37
1,2-Dichloropropane
Concen: 5.274 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

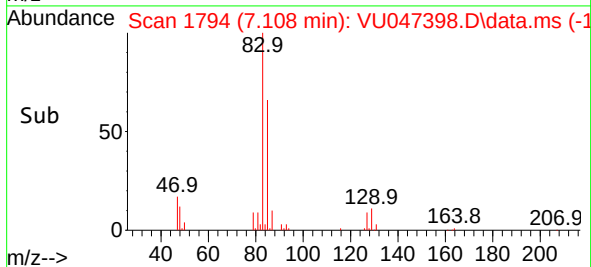
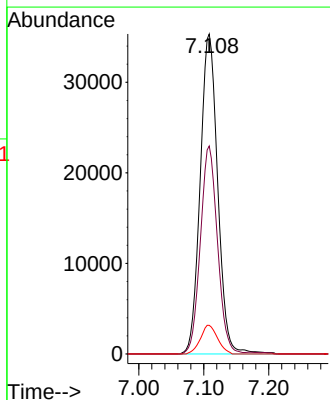
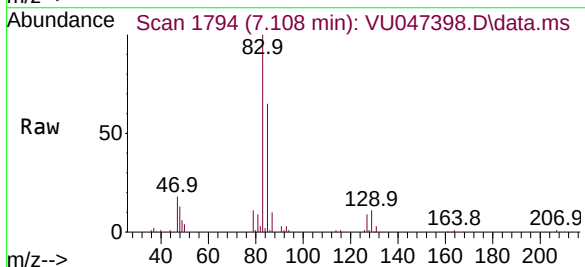
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

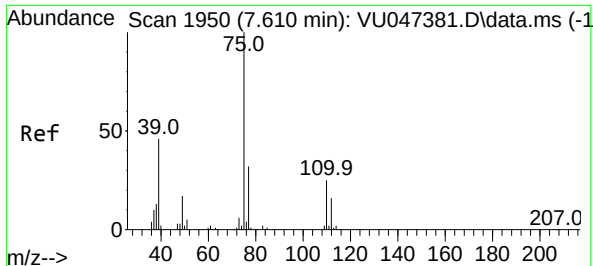
Tgt Ion: 63 Resp: 49838
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8



#38
Bromodichloromethane
Concen: 5.352 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 83 Resp: 66373
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8
127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.096 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

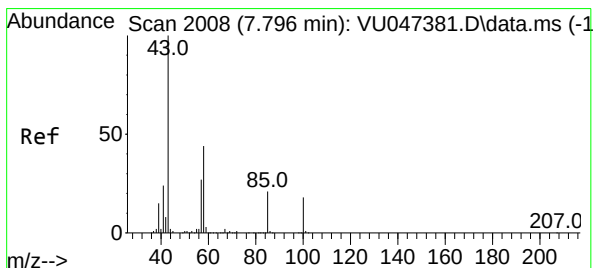
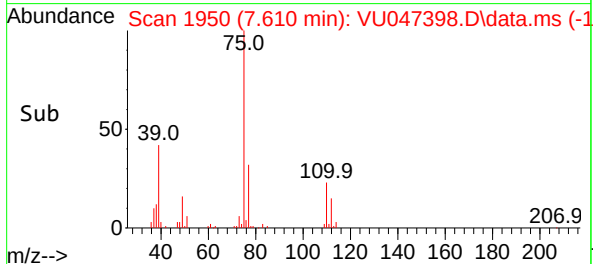
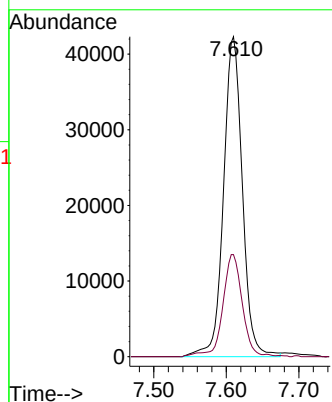
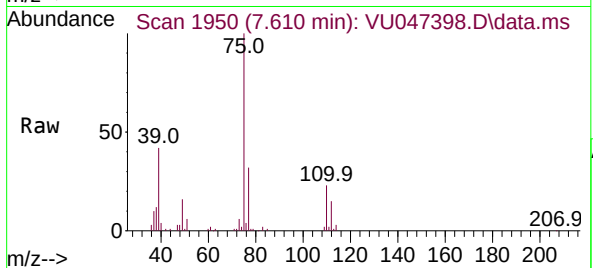
VSTD005089

Tgt Ion: 75 Resp: 76460

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.781 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

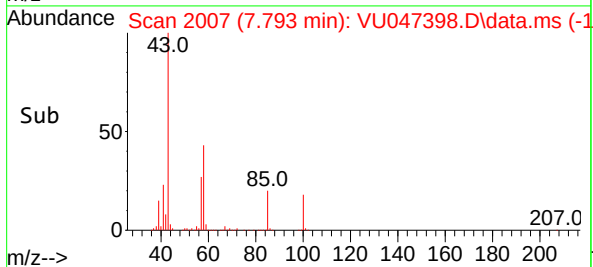
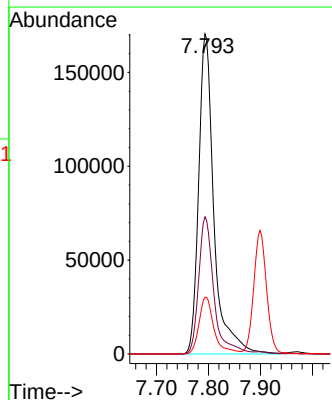
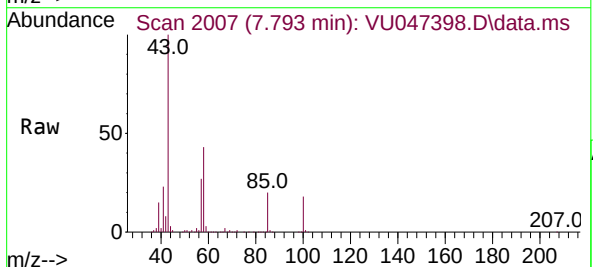
Tgt Ion: 43 Resp: 347699

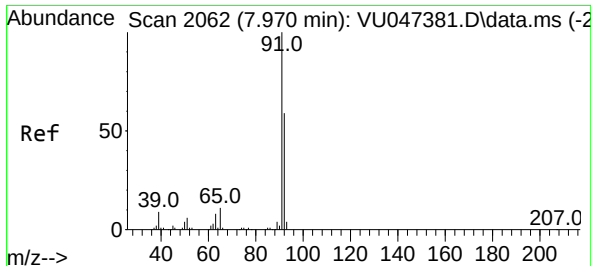
Ion Ratio Lower Upper

43 100

58 42.6 33.1 49.7

100 17.5 13.2 19.8

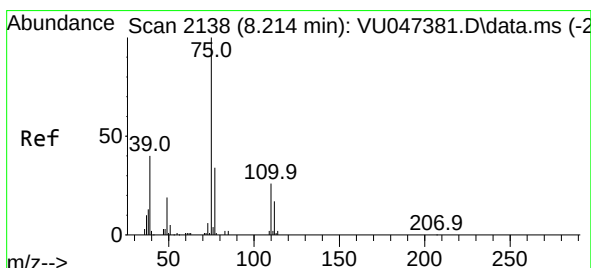
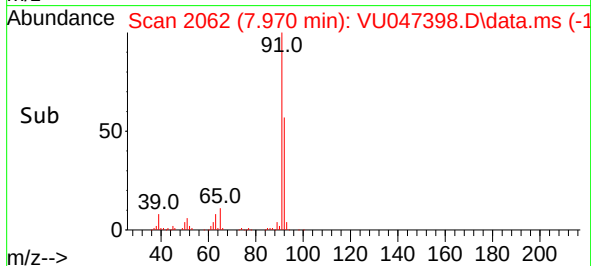
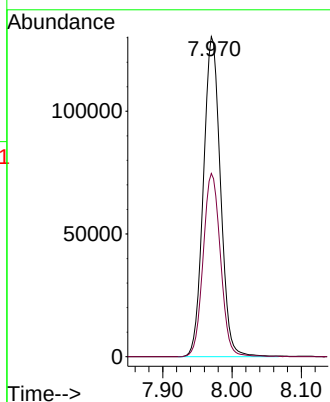
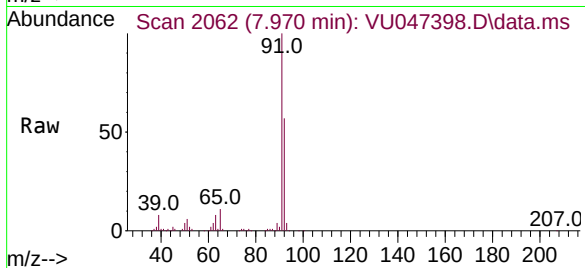




#42
Toluene
Concen: 5.399 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

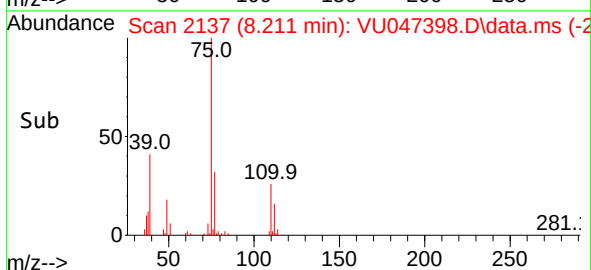
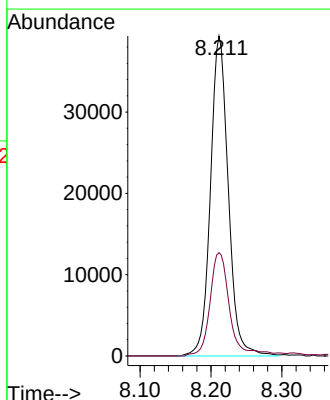
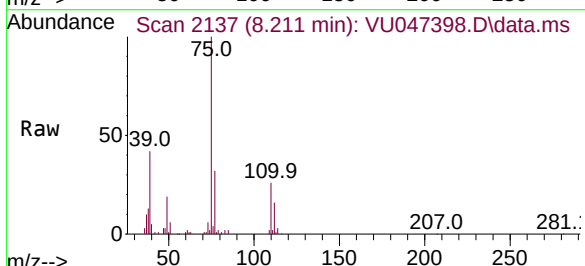
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

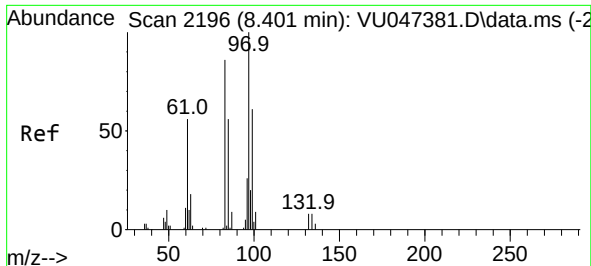
Tgt Ion: 91 Resp: 222985
Ion Ratio Lower Upper
91 100
92 57.3 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.169 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 75 Resp: 68722
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.3

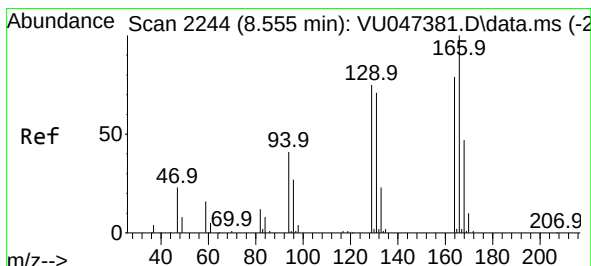
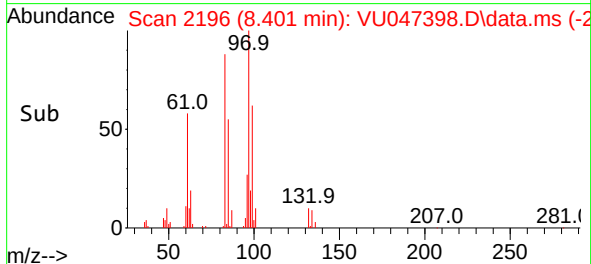
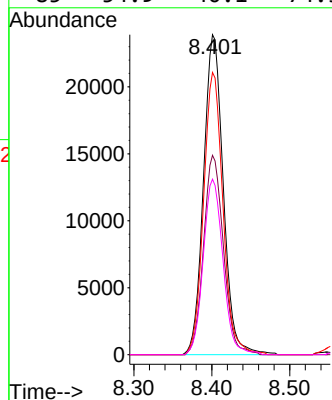
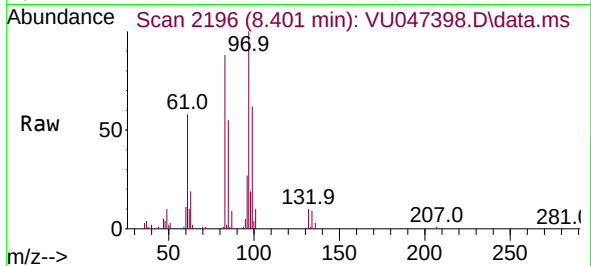




#45
1,1,2-Trichloroethane
Concen: 5.153 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

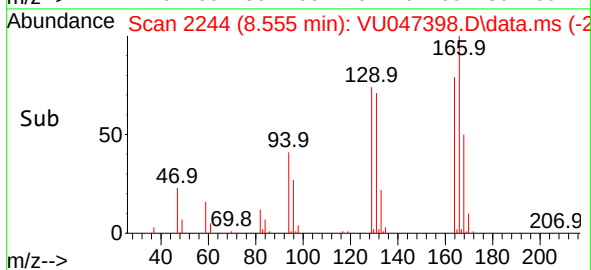
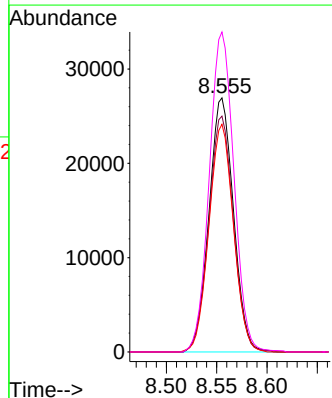
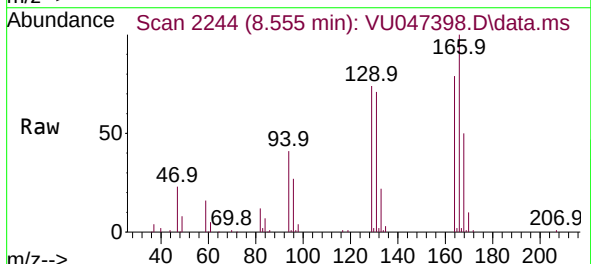
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

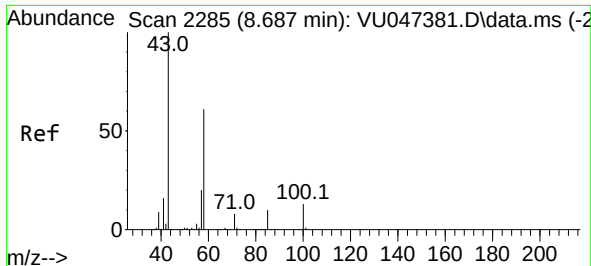
Tgt Ion:	97	Resp:	42109
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.3	78.5
83	88.2	62.0	115.2
85	54.9	40.1	74.5



#47
Tetrachloroethene
Concen: 5.364 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:	164	Resp:	45762
Ion	Ratio	Lower	Upper
164	100		
129	92.8	71.8	133.4
131	89.6	68.5	127.3
166	126.0	94.1	174.8

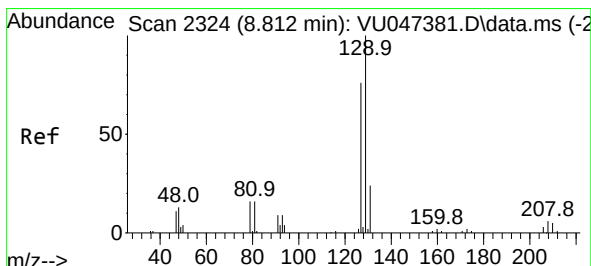
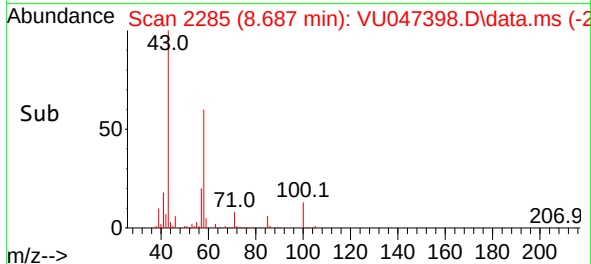
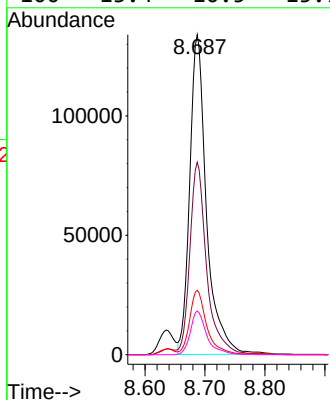
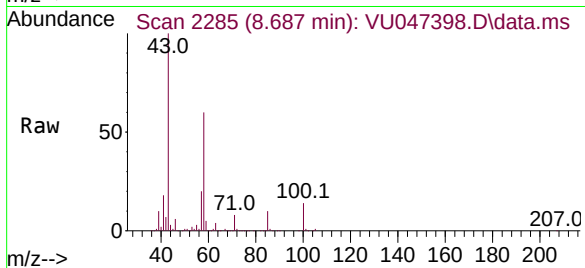




#48
2-Hexanone
Concen: 49.114 ug/L
RT: 8.687 min Scan# 21109
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

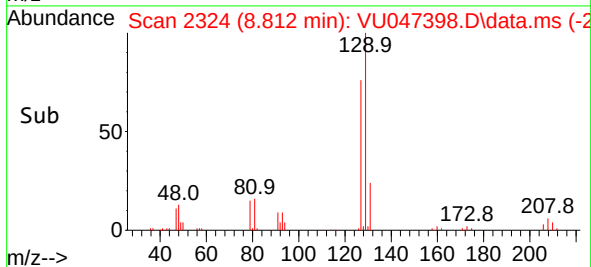
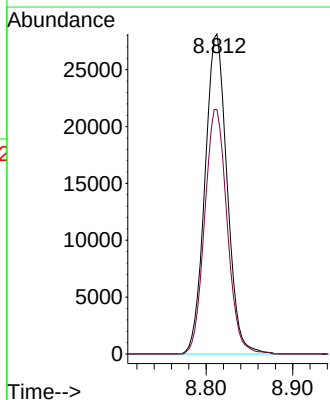
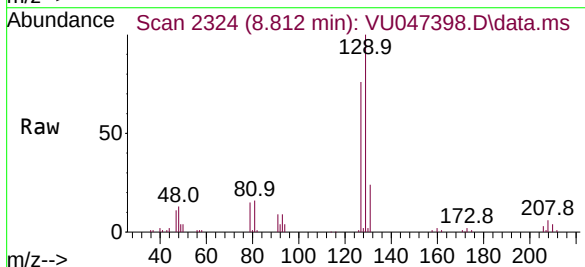
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

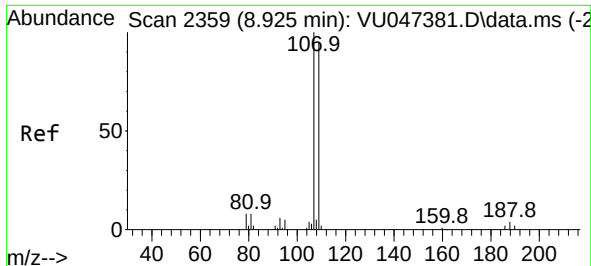
Tgt Ion: 43 Resp: 261109
Ion Ratio Lower Upper
43 100
58 60.3 46.7 70.1
57 20.6 16.3 24.5
100 13.4 10.5 15.7



#49
Dibromochloromethane
Concen: 5.194 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 129 Resp: 49950
Ion Ratio Lower Upper
129 100
127 76.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.098 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005089

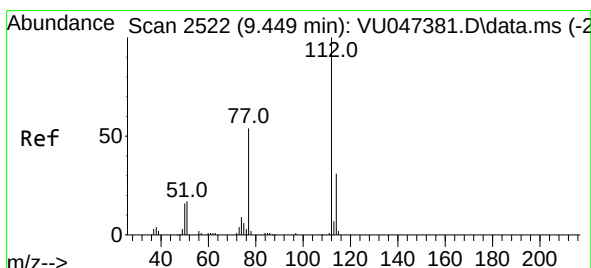
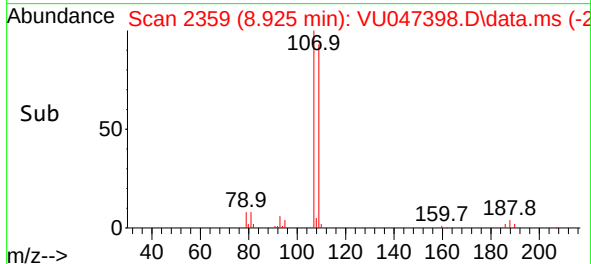
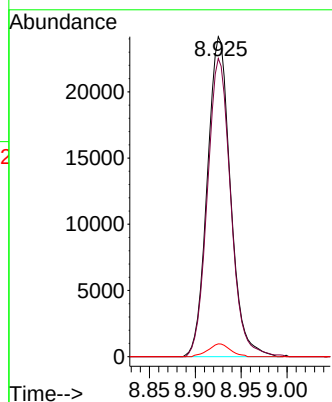
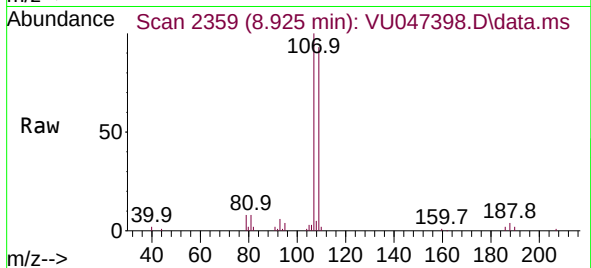
Tgt Ion:107 Resp: 42550

Ion Ratio Lower Upper

107 100

109 93.2 64.0 119.0

188 4.0 2.4 3.6#



#51

Chlorobenzene

Concen: 5.308 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

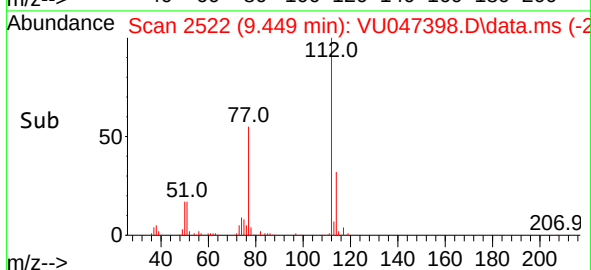
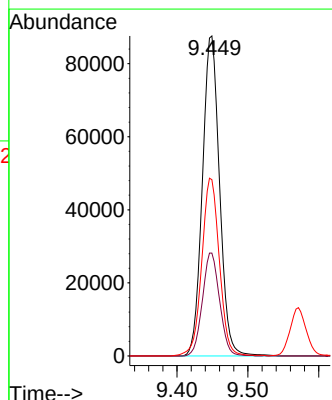
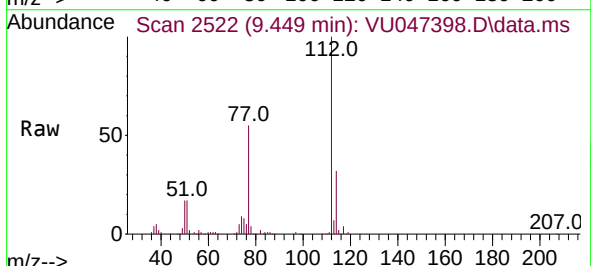
Tgt Ion:112 Resp: 147620

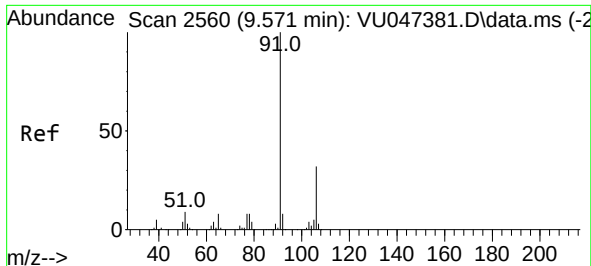
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 55.1 48.3 72.5

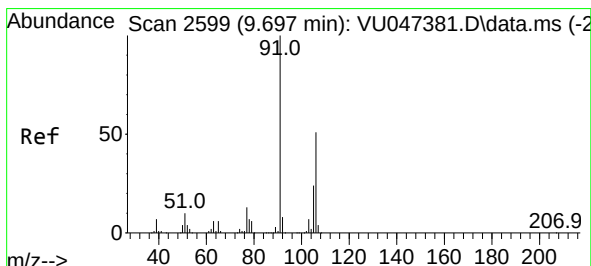
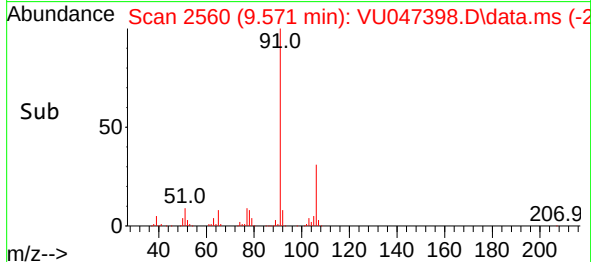
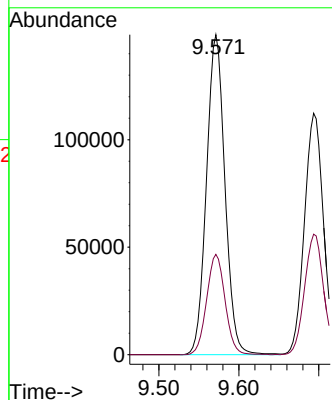
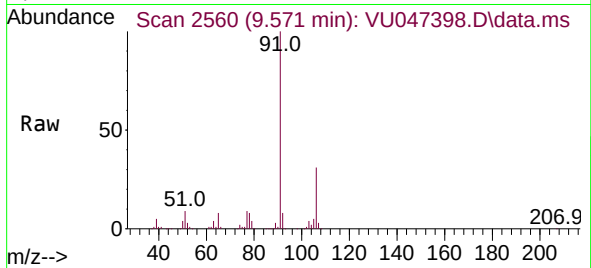




#52
Ethylbenzene
Concen: 5.414 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

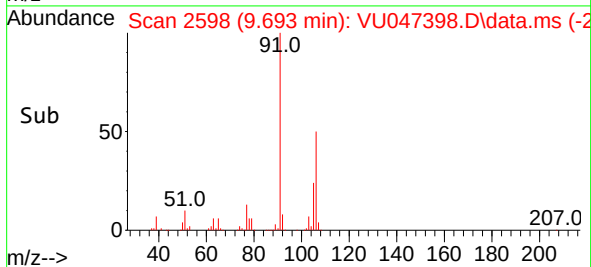
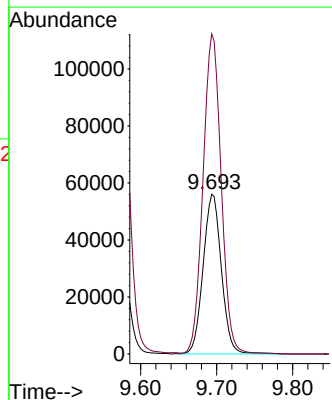
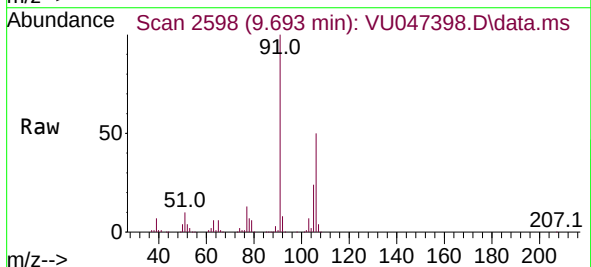
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

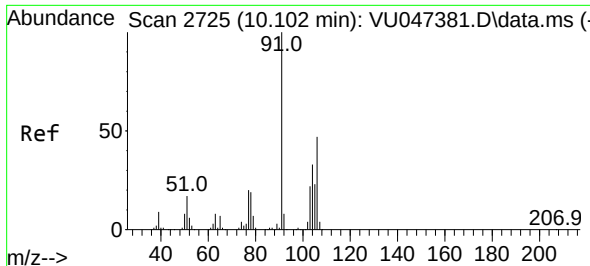
Tgt Ion: 91 Resp: 239190
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.310 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 106 Resp: 93227
Ion Ratio Lower Upper
106 100
91 200.4 139.4 259.0

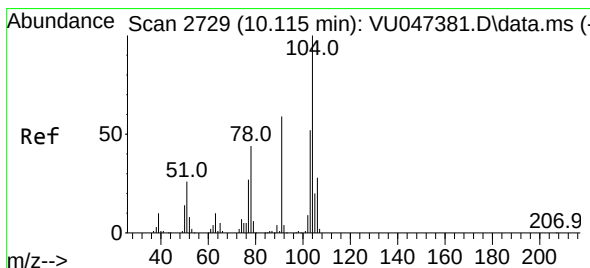
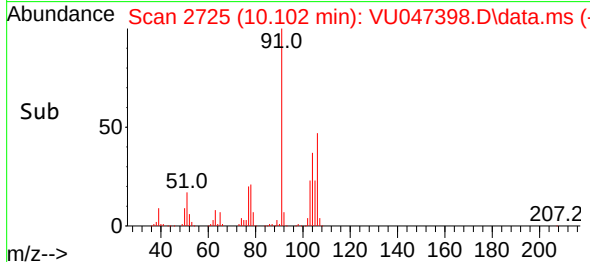
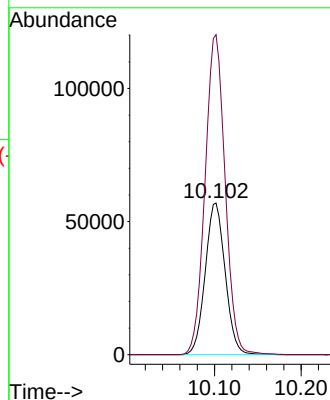
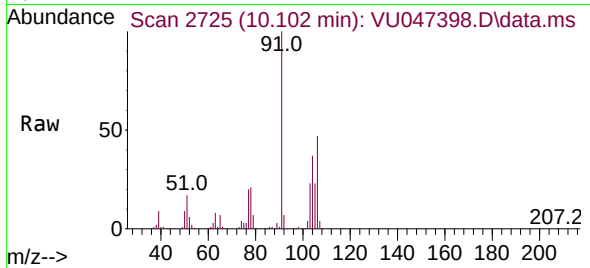




#54
o-Xylene
Concen: 5.385 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

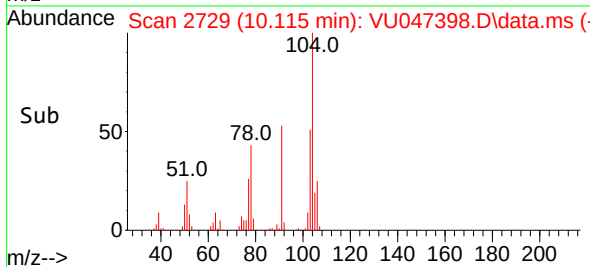
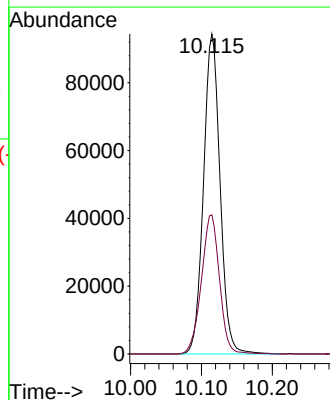
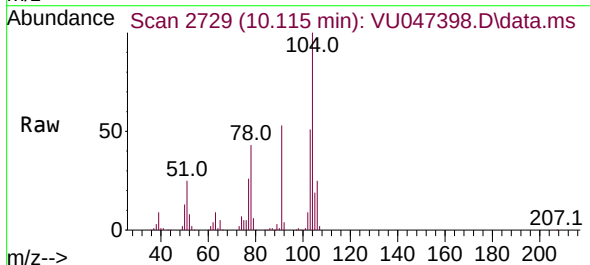
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

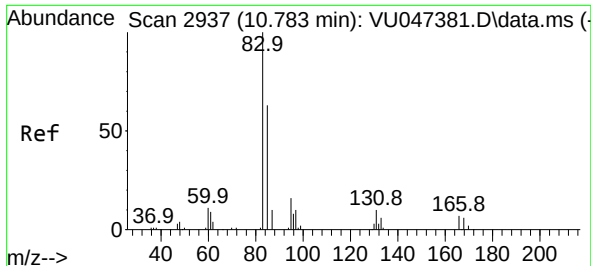
Tgt Ion:106 Resp: 91169
Ion Ratio Lower Upper
106 100
91 211.0 147.5 273.9



#55
Styrene
Concen: 5.338 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:104 Resp: 153222
Ion Ratio Lower Upper
104 100
78 43.4 33.0 61.4

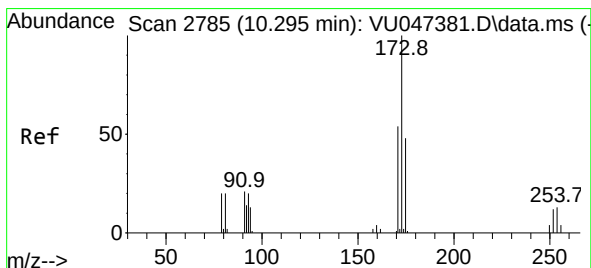
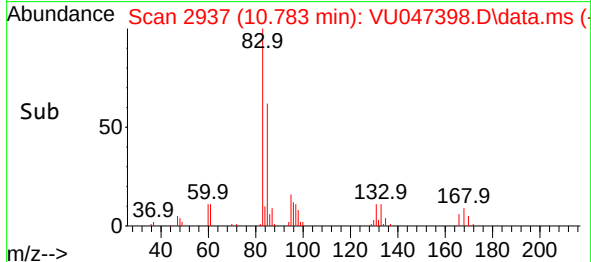
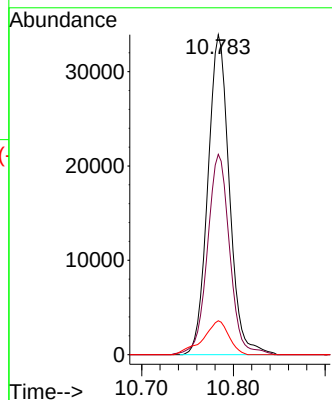
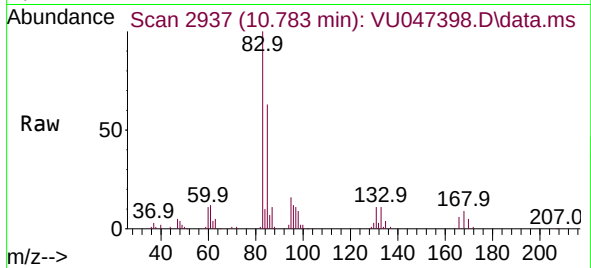




#57
1,1,2,2-Tetrachloroethane
Concen: 4.875 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

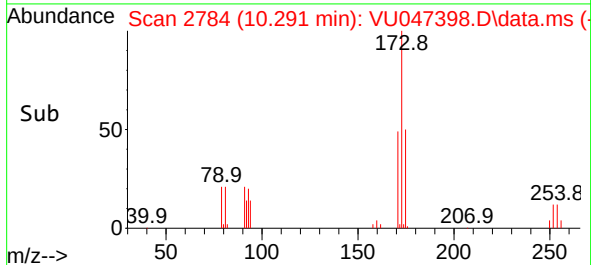
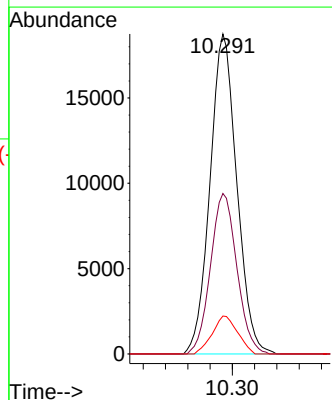
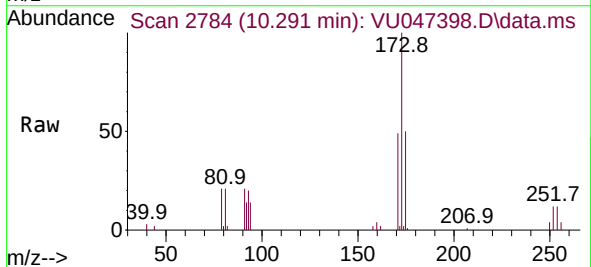
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

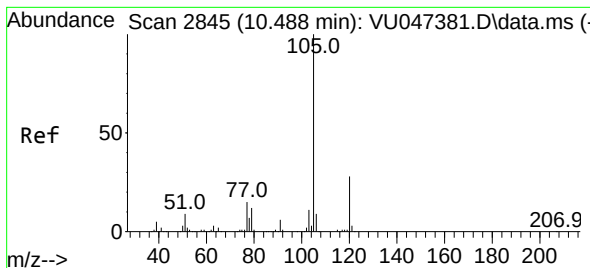
Tgt Ion: 83 Resp: 55140
Ion Ratio Lower Upper
83 100
85 62.6 47.9 89.1
131 10.6 8.1 12.1



#59
Bromoform
Concen: 5.053 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:173 Resp: 31265
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.6
254 11.2 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.581 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005089

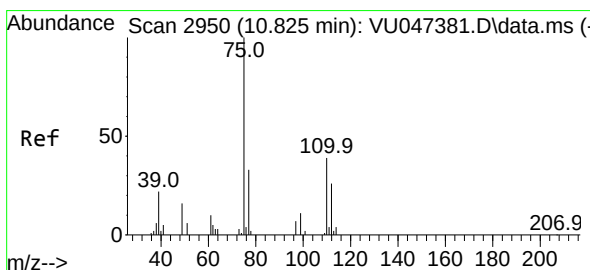
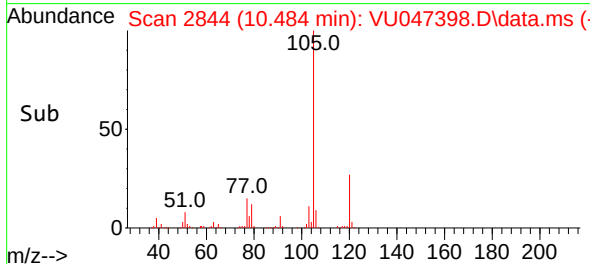
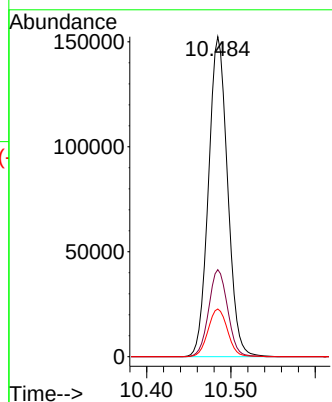
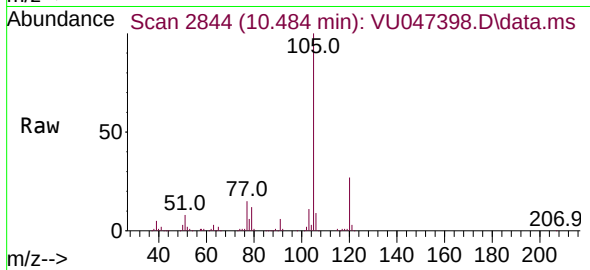
Tgt Ion:105 Resp: 240099

Ion Ratio Lower Upper

105 100

120 27.1 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.889 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

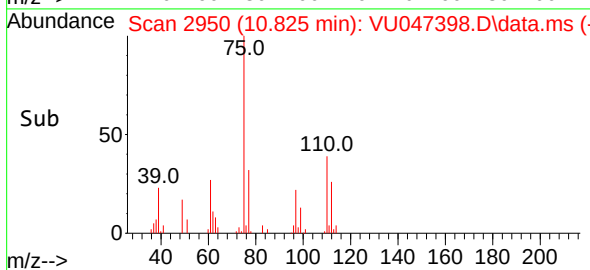
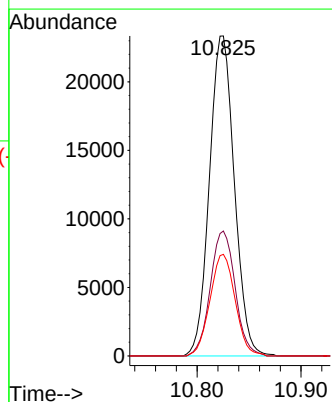
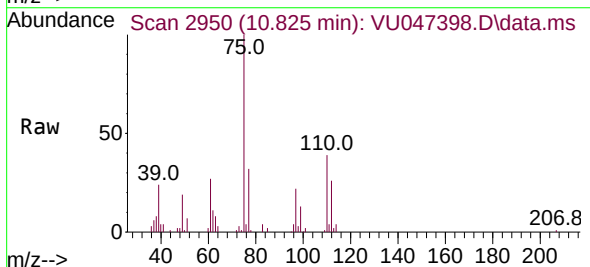
Tgt Ion: 75 Resp: 38933

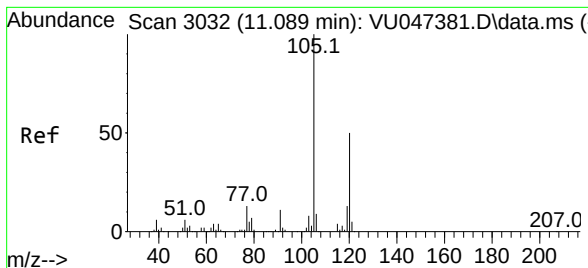
Ion Ratio Lower Upper

75 100

110 38.9 29.9 44.9

77 32.1 25.5 38.3

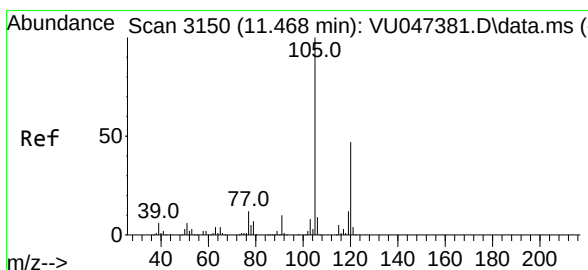
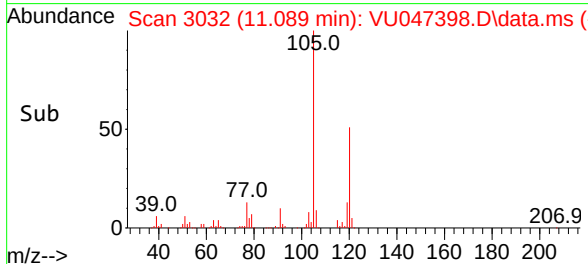
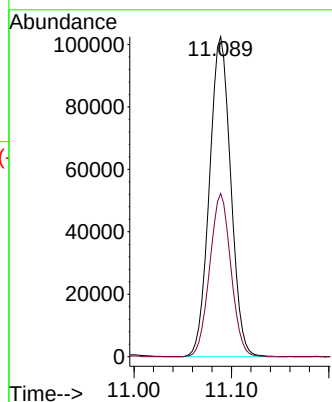
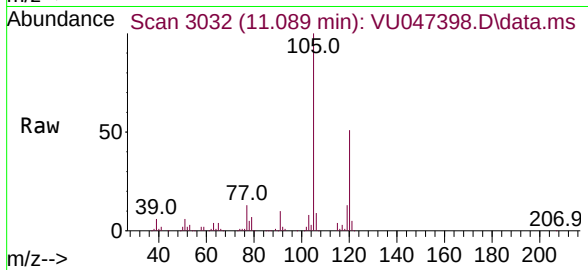




#62
 1,3,5-Trimethylbenzene
 Concen: 5.430 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047398.D
 Acq: 08 Mar 2022 18:09

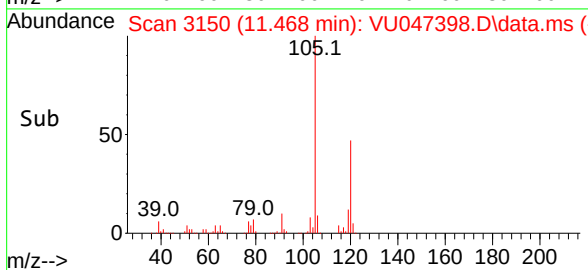
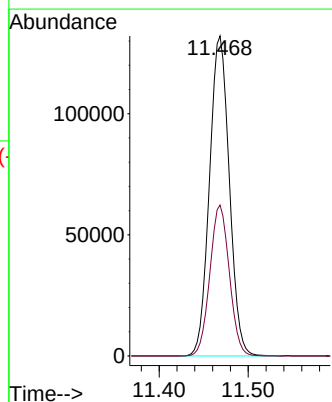
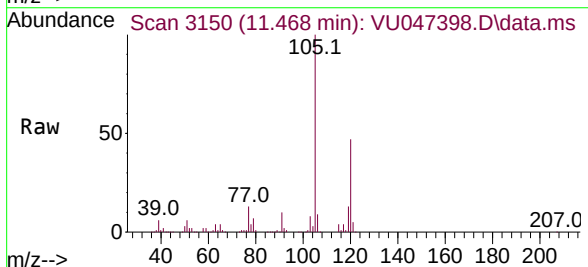
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

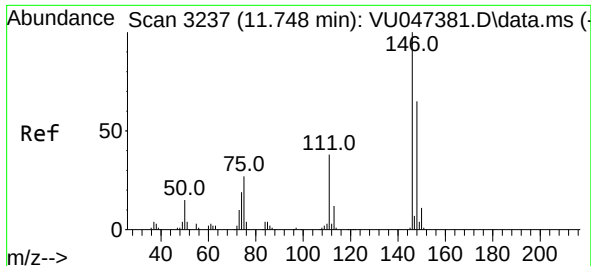
Tgt Ion:105 Resp: 155913
 Ion Ratio Lower Upper
 105 100
 120 50.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.451 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047398.D
 Acq: 08 Mar 2022 18:09

Tgt Ion:105 Resp: 203889
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.8 53.8

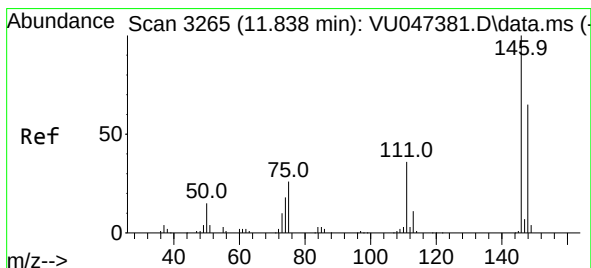
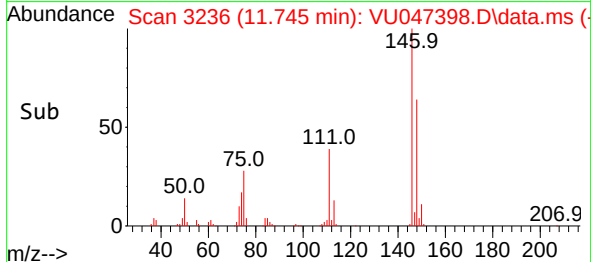
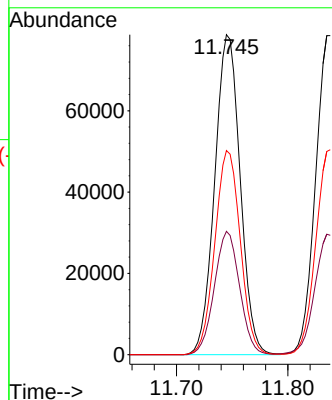
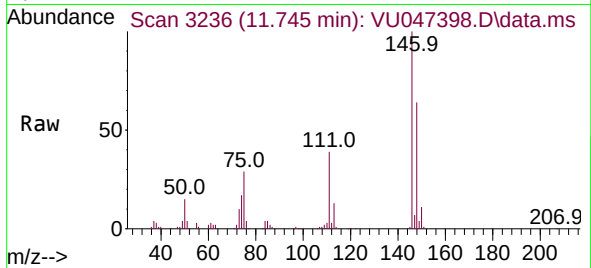




#64
1,3-Dichlorobenzene
Concen: 5.426 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

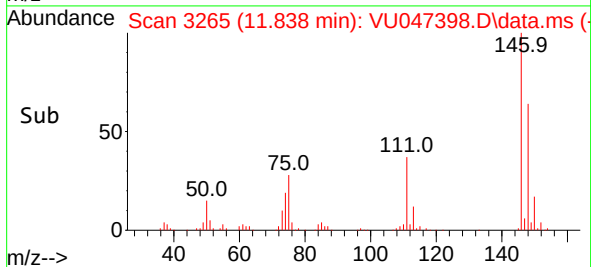
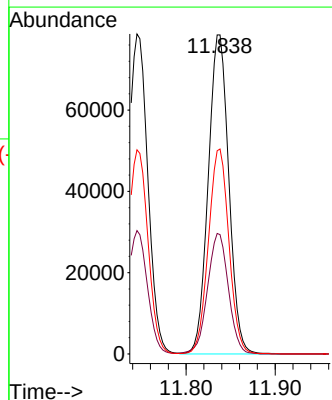
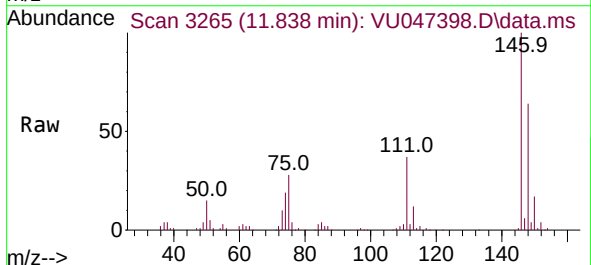
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

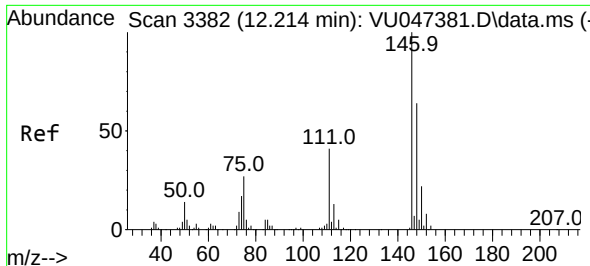
Tgt Ion:146 Resp: 124907
Ion Ratio Lower Upper
146 100
111 38.6 29.9 55.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:146 Resp: 125663
Ion Ratio Lower Upper
146 100
111 37.4 28.7 53.3
148 64.2 45.8 85.0

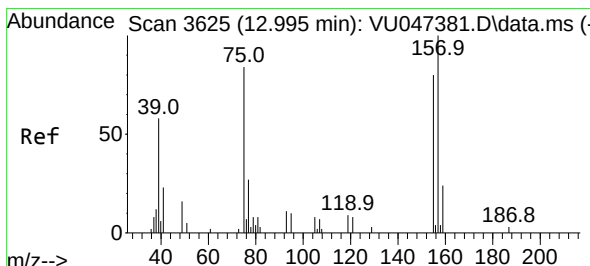
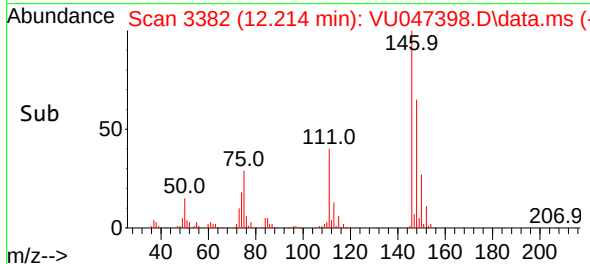
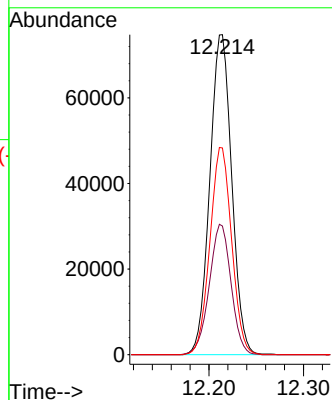
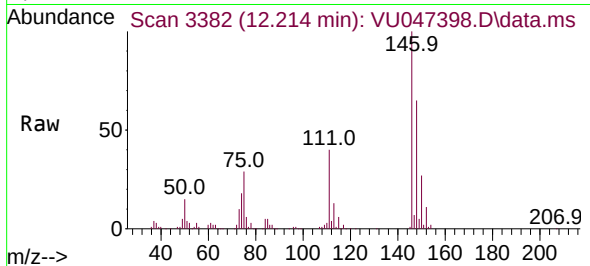




#67
1,2-Dichlorobenzene
Concen: 5.285 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

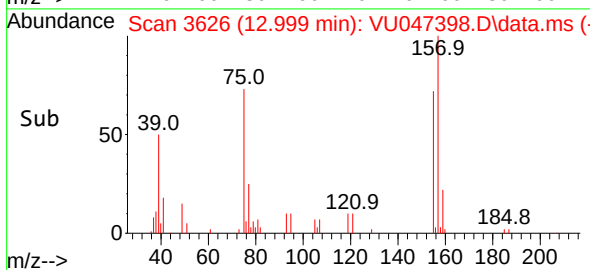
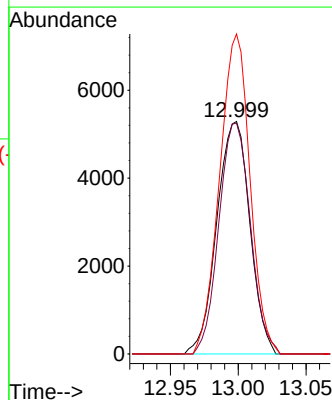
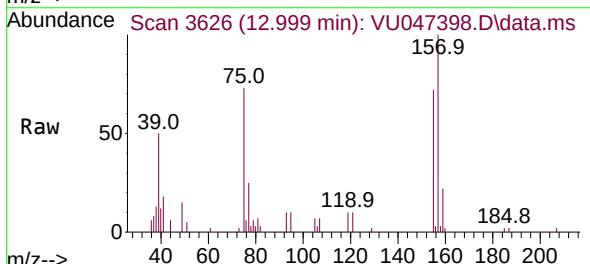
Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

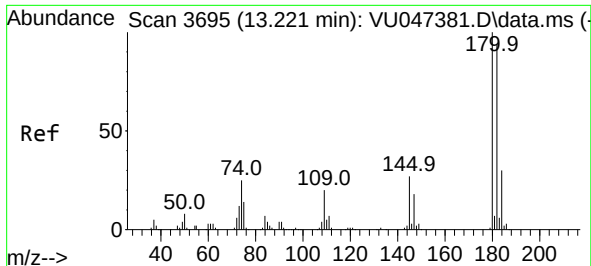
Tgt Ion:146 Resp: 120300
Ion Ratio Lower Upper
146 100
111 40.2 35.4 53.0
148 64.6 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.920 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion: 75 Resp: 8951
Ion Ratio Lower Upper
75 100
155 99.3 59.2 88.8#
157 137.6 76.5 114.7#





#69

1,3,5-Trichlorobenzene

Concen: 5.441 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005089

Tgt Ion:180 Resp: 104423

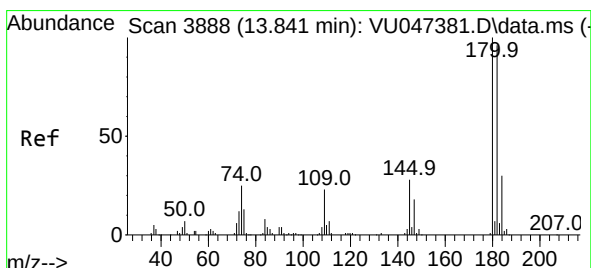
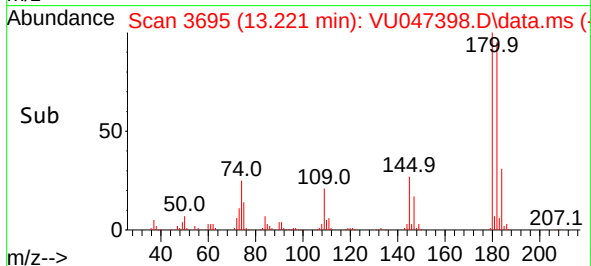
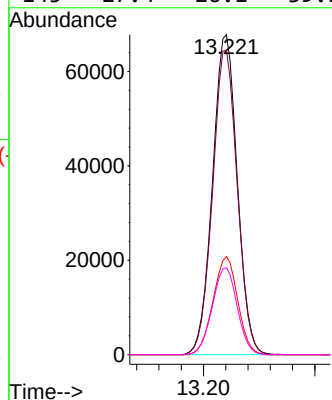
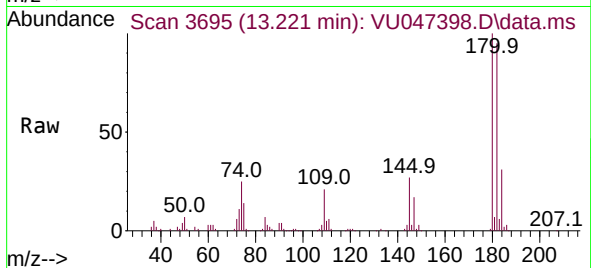
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

184 30.6 25.0 37.4

145 27.4 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.302 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU047398.D

Acq: 08 Mar 2022 18:09

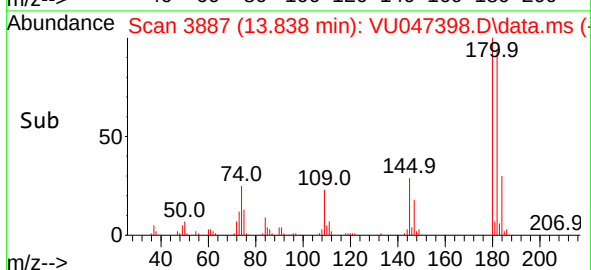
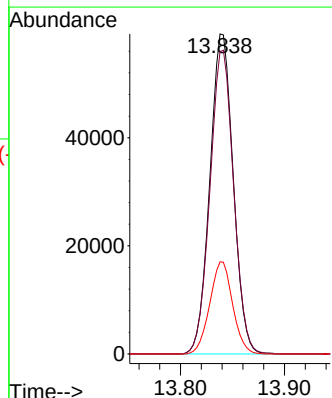
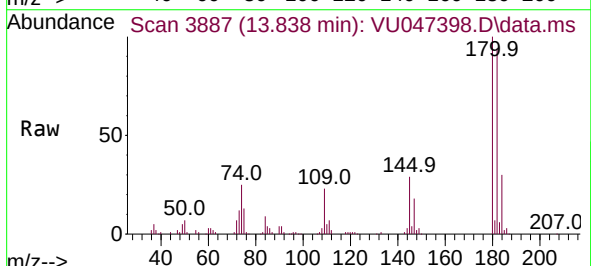
Tgt Ion:180 Resp: 92473

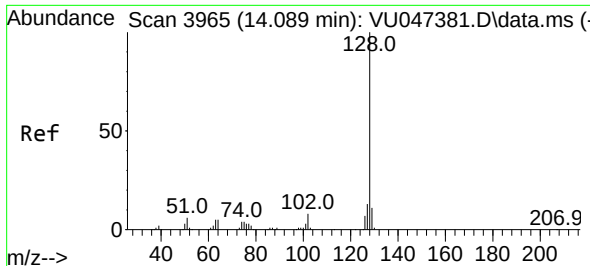
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 28.2 25.6 38.4

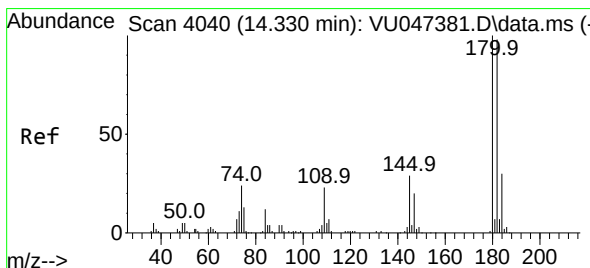
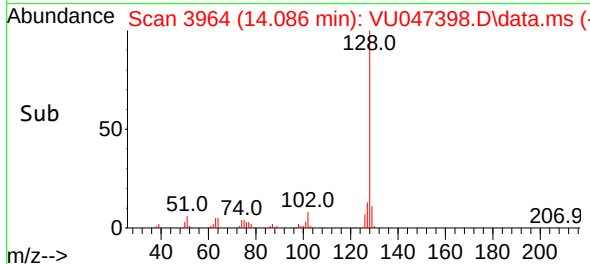
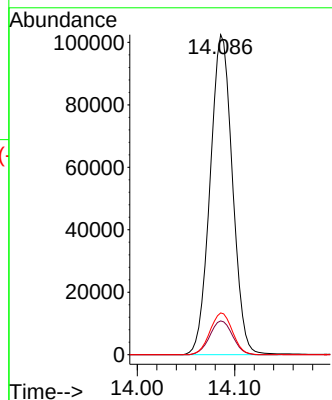
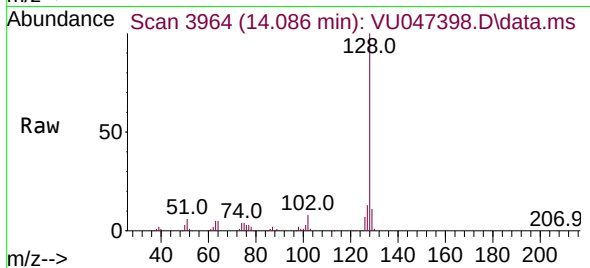




#71
Naphthalene
Concen: 4.690 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005089

Tgt Ion:128 Resp: 163070
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.225 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047398.D
Acq: 08 Mar 2022 18:09

Tgt Ion:180 Resp: 84832
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 30.2 28.4 42.6

