

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047403.D
 Acq On : 09 Mar 2022 14:02
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005015

Quant Time: Mar 10 00:30:13 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	6.250	114	174312	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47077	2.407	ug/L	0.00
7) Chloroethane-d5	1.919	69	34884	2.318	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	20638	2.928	ug/L	0.00
20) 2-Butanone-d5	4.642	46	81437	21.173	ug/L	0.00
24) Chloroform-d	5.067	84	75307	2.421	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	37583	2.374	ug/L	0.00
32) Benzene-d6	5.729	84	155685	2.944	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	45126	2.730	ug/L	0.00
41) Toluene-d8	7.899	98	155753	3.313	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	20127	3.194	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	86413	29.588	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39042	2.789	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	58625	3.316	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	65810	4.334	ug/L	100
3) Chloromethane	1.523	50	66083	3.634	ug/L	100
5) Vinyl chloride	1.607	62	64878	3.559	ug/L	100
6) Bromomethane	1.864	94	36782	3.631	ug/L	100
8) Chloroethane	1.938	64	39545	3.656	ug/L	100
9) Trichlorofluoromethane	2.144	101	86280	3.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53901	3.930	ug/L	100
12) 1,1-Dichloroethene	2.588	96	52011	4.247	ug/L	100
13) Acetone	2.655	43	69594	29.934	ug/L	100
14) Carbon disulfide	2.800	76	158973	4.113	ug/L	100
15) Methyl Acetate	2.961	43	22260	4.348	ug/L	100
16) Methylene chloride	3.051	84	58915	3.796	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	133274	4.763	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	55668	4.278	ug/L	100
19) 1,1-Dichloroethane	3.877	63	94522	4.000	ug/L	100
21) 2-Butanone	4.723	43	133879	38.730	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	61204	4.493	ug/L	100
23) Bromochloromethane	4.980	128	30209	4.553	ug/L	100
25) Chloroform	5.092	83	100939	3.739	ug/L	100
27) 1,2-Dichloroethane	5.797	62	64666	4.154	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	87708	4.624	ug/L	100
30) Cyclohexane	5.391	56	83479	5.292	ug/L	100
31) Carbon tetrachloride	5.530	117	78681	4.793	ug/L	100
33) Benzene	5.777	78	226493	4.844	ug/L	100
34) Trichloroethene	6.543	95	60476	5.024	ug/L	100
35) Methylcyclohexane	6.768	83	96467	5.666	ug/L	100
37) 1,2-Dichloropropane	6.793	63	57578	4.700	ug/L	100
38) Bromodichloromethane	7.108	83	75763	4.715	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	87335	5.289	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	383478	56.236	ug/L	100
42) Toluene	7.970	91	250797	5.218	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	76849	5.257	ug/L	100

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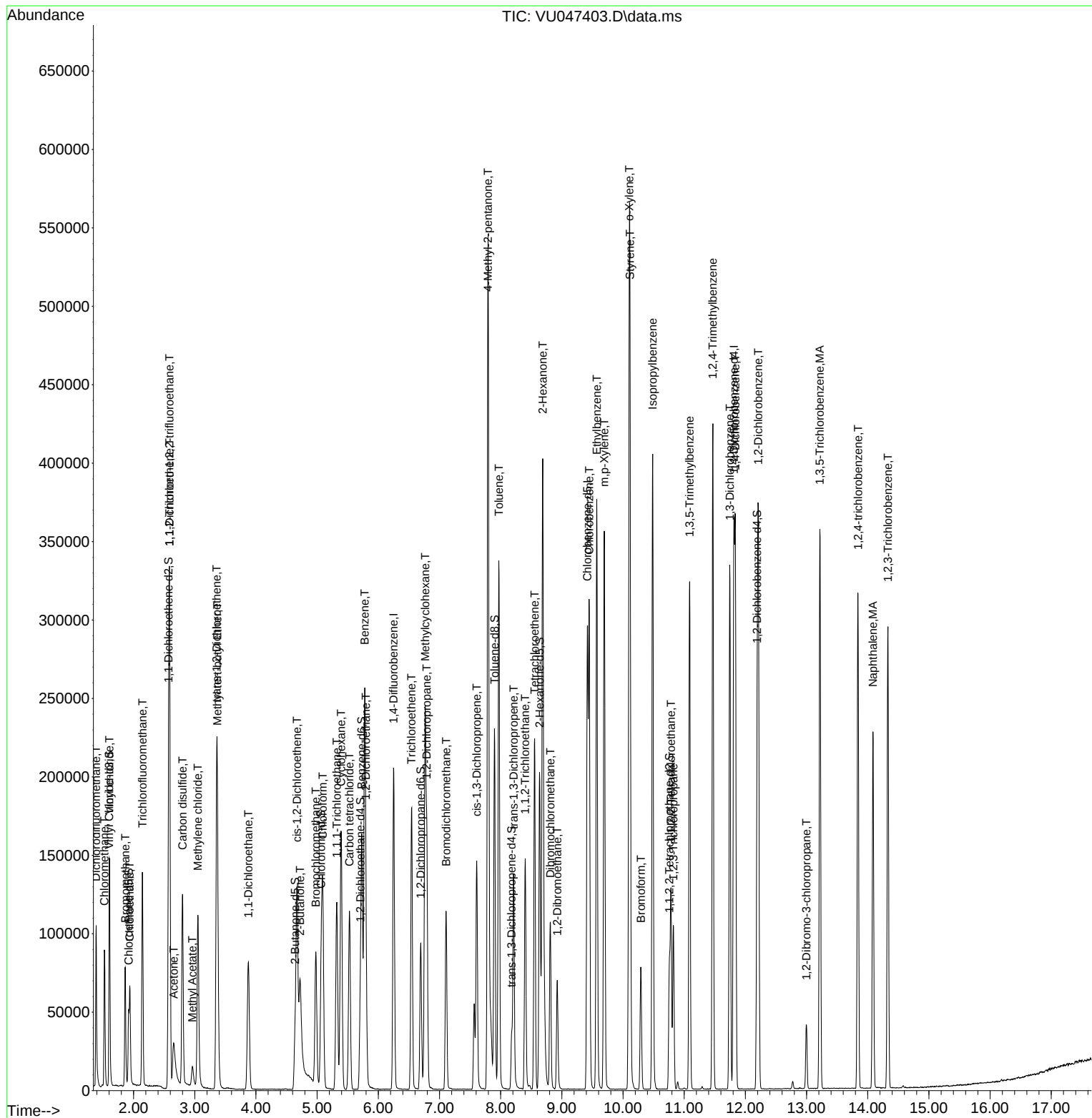
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	47738	5.153	ug/L	100
47) Tetrachloroethene	8.555	164	51385	5.433	ug/L	100
48) 2-Hexanone	8.687	43	279273	54.549	ug/L	100
49) Dibromochloromethane	8.813	129	57319	5.213	ug/L	100
50) 1,2-Dibromoethane	8.925	107	47949	5.467	ug/L	100
51) Chlorobenzene	9.446	112	165562	5.162	ug/L	100
52) Ethylbenzene	9.571	91	271215	5.460	ug/L	100
53) m,p-Xylene	9.694	106	106481	5.530	ug/L	100
54) o-Xylene	10.102	106	103005	5.741	ug/L	100
55) Styrene	10.115	104	176897	5.636	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	62006	5.117	ug/L	100
59) Bromoform	10.292	173	36986	5.852	ug/L	100
60) Isopropylbenzene	10.485	105	270381	5.659	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	43785	4.954	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	179373	4.979	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	233968	6.086	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	142308	5.558	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	142194	5.426	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	135425	5.490	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	10105	5.321	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	118265	5.968	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	105483	6.368	ug/L	100
71) Naphthalene	14.086	128	184588	6.391	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	96737	6.229	ug/L	100

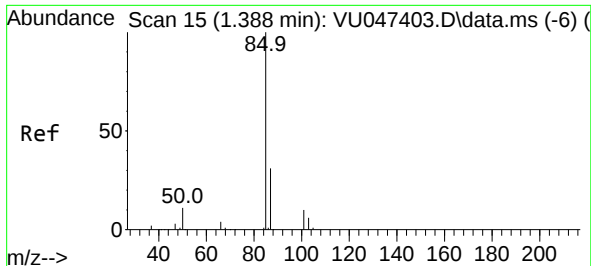
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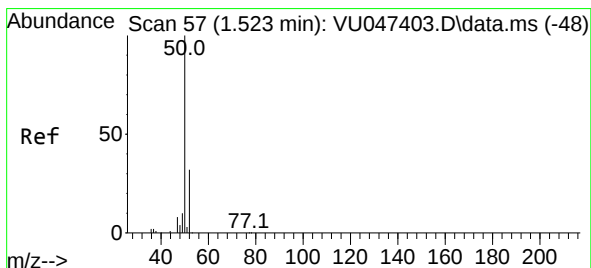
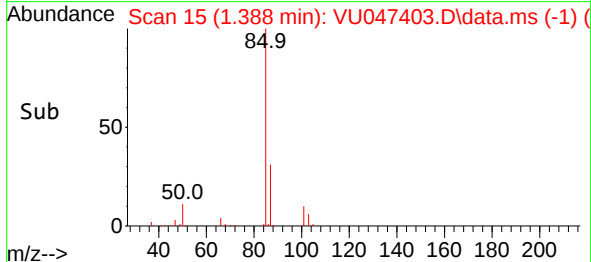
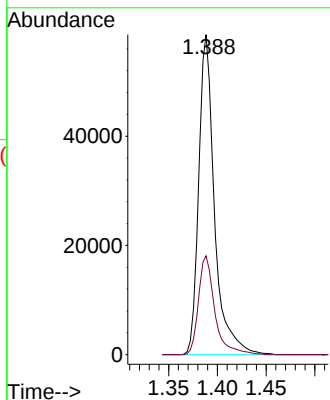
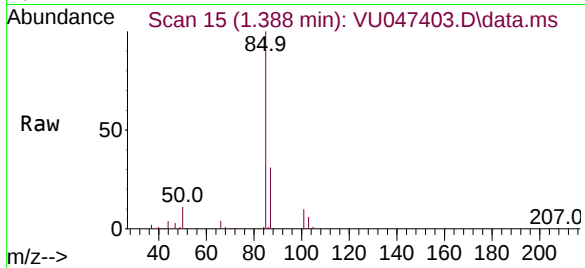




#2
Dichlorodifluoromethane
Concen: 4.334 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

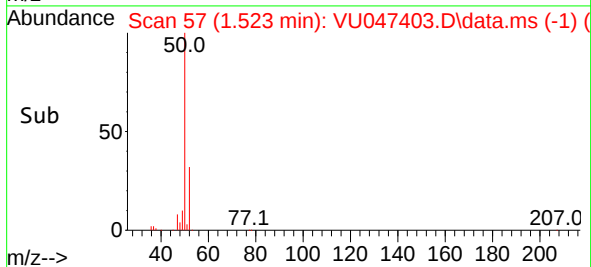
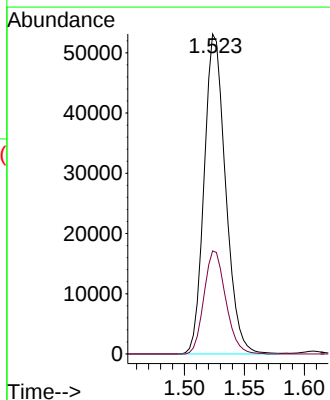
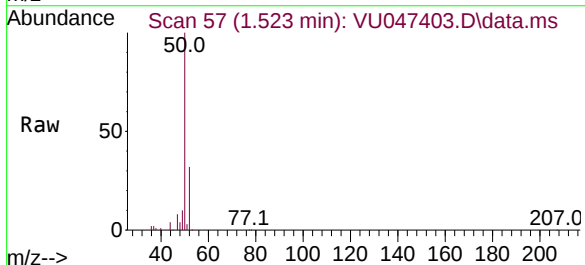
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

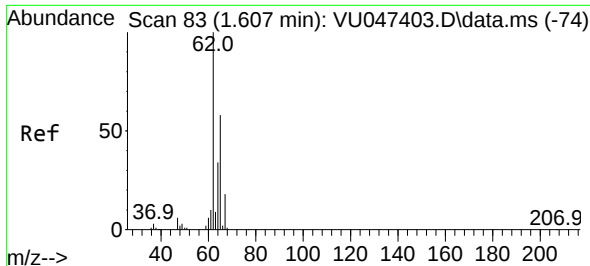
Tgt Ion: 85 Resp: 65810
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 3.634 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 50 Resp: 66083
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.9

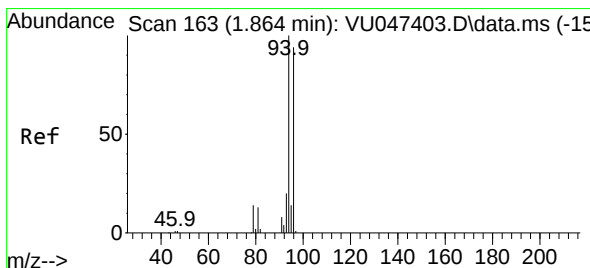
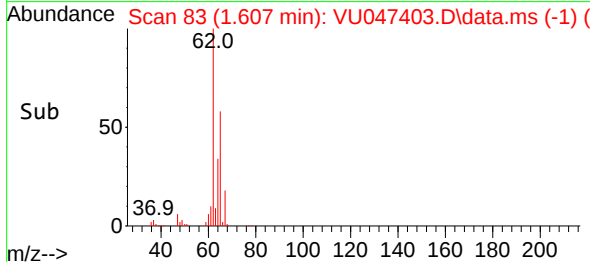
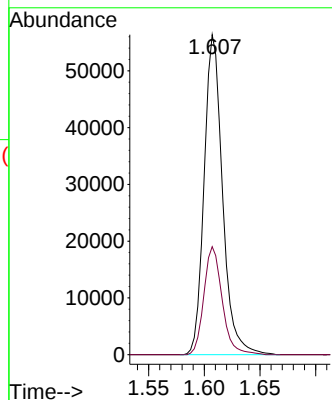
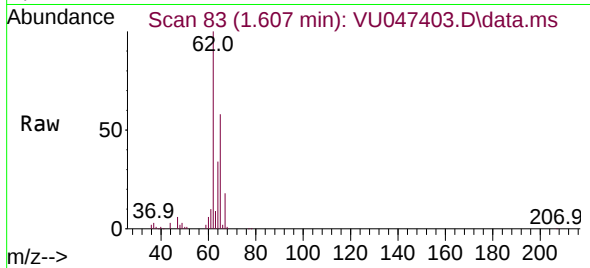




#5
 Vinyl chloride
 Concen: 3.559 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

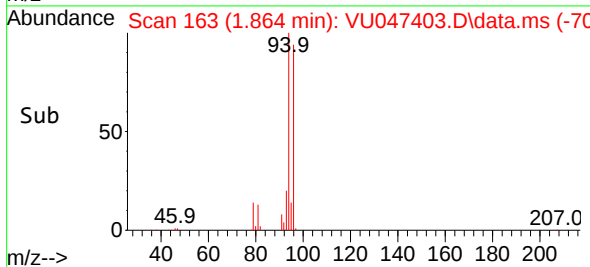
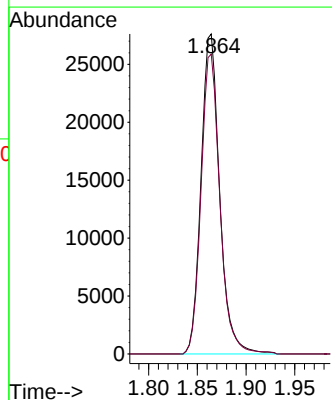
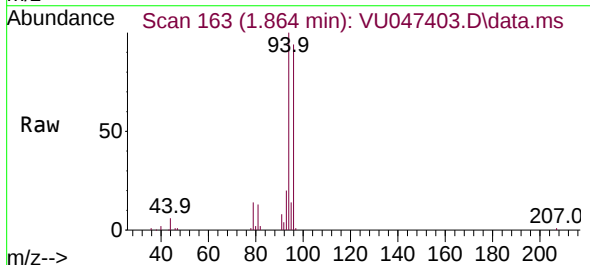
Instrument :
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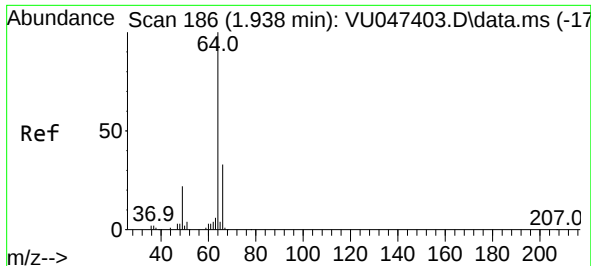
Tgt Ion: 62 Resp: 64878
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.7 43.9



#6
 Bromomethane
 Concen: 3.631 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

Tgt Ion: 94 Resp: 36782
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

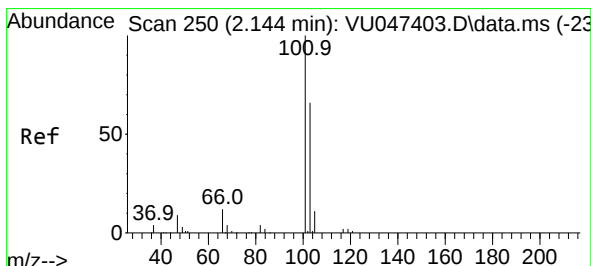
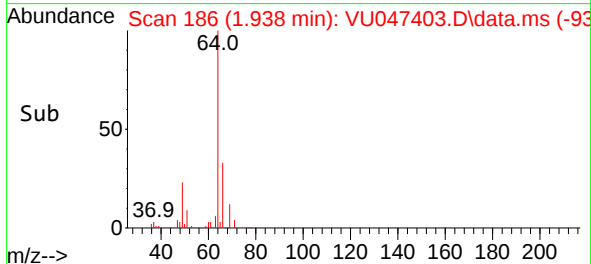
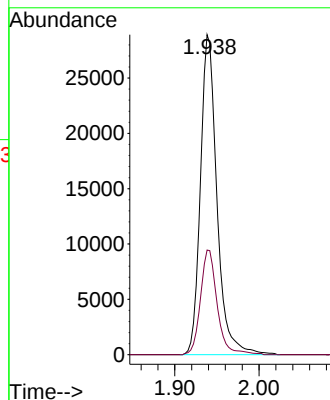
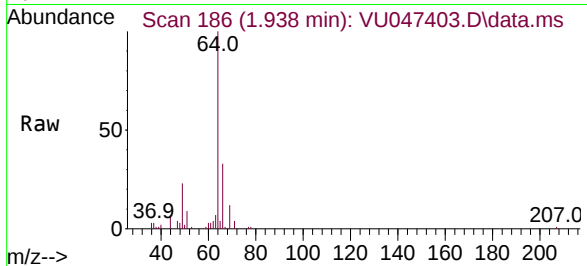




#8
Chloroethane
Concen: 3.656 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

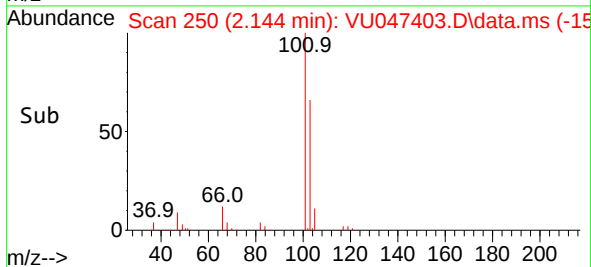
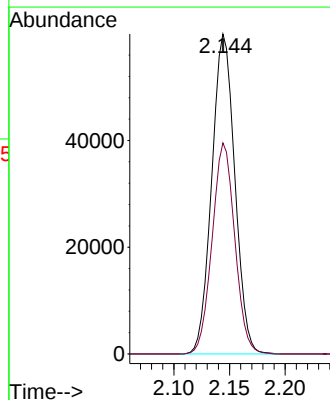
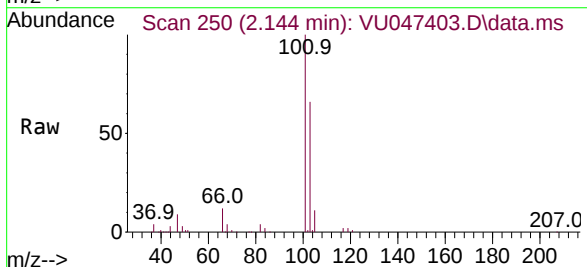
Instrument :
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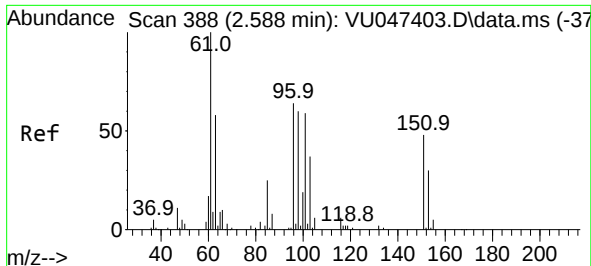
Tgt Ion: 64 Resp: 39545
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 3.731 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 101 Resp: 86280
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

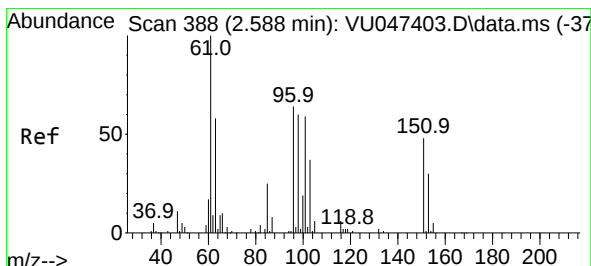
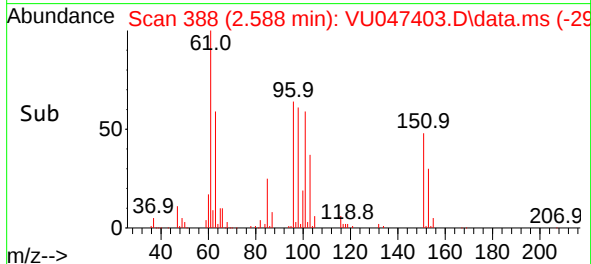
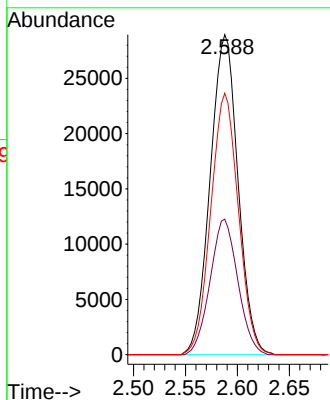
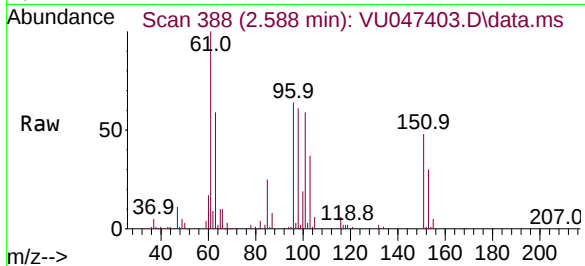




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.930 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

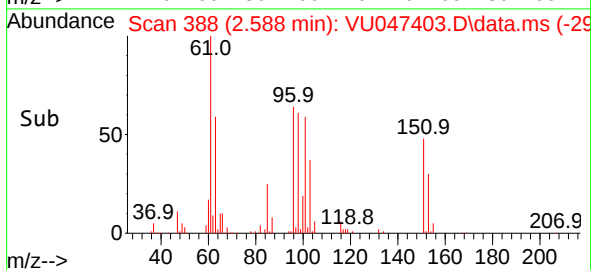
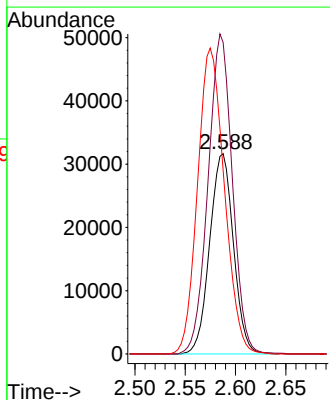
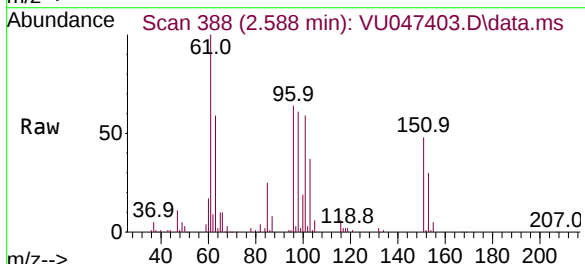
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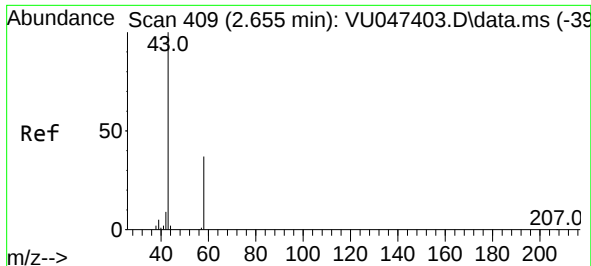
Tgt Ion:101 Resp: 53901
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.8 50.6
 151 81.0 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 4.247 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

Tgt Ion: 96 Resp: 52011
 Ion Ratio Lower Upper
 96 100
 61 155.4 108.8 202.0
 63 91.5 64.0 119.0





#13

Acetone

Concen: 29.934 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU047403.D

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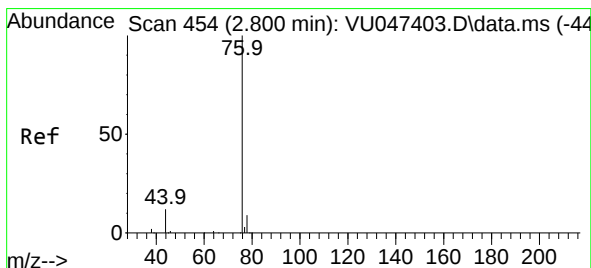
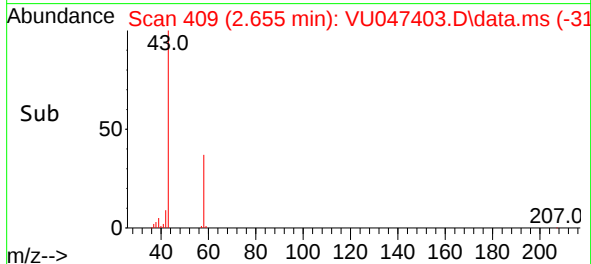
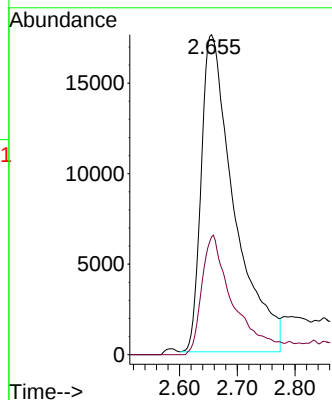
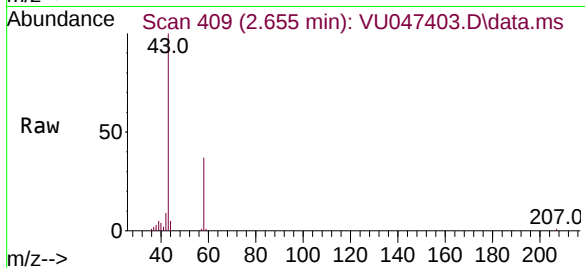
VSTD005015

Tgt Ion: 43 Resp: 69594

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.6



#14

Carbon disulfide

Concen: 4.113 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047403.D

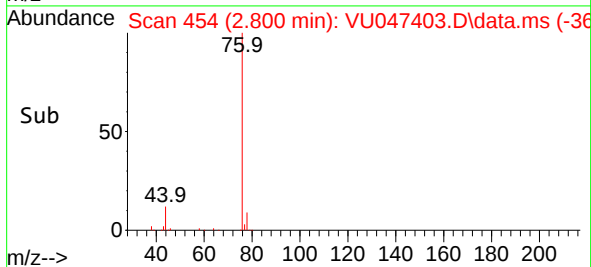
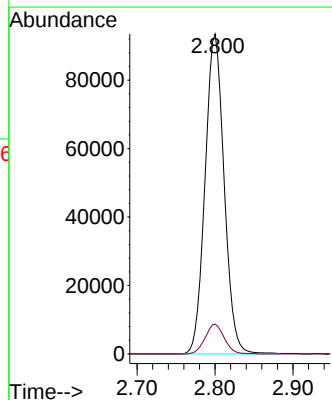
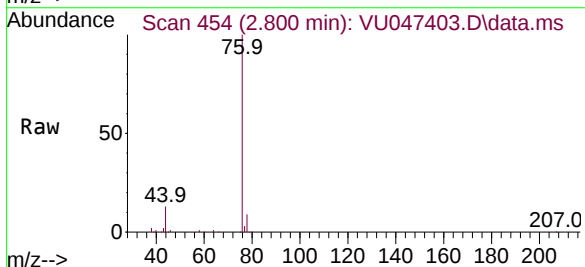
Acq: 09 Mar 2022 14:02

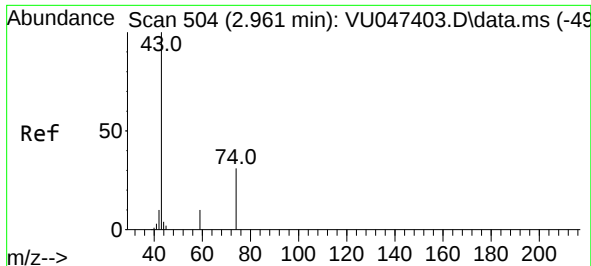
Tgt Ion: 76 Resp: 158973

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

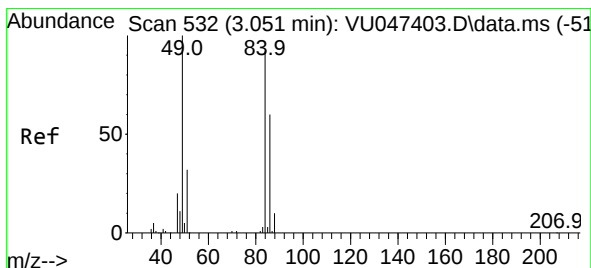
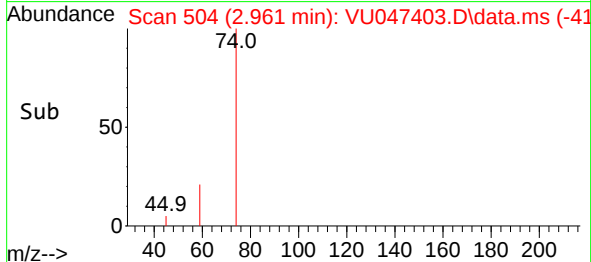
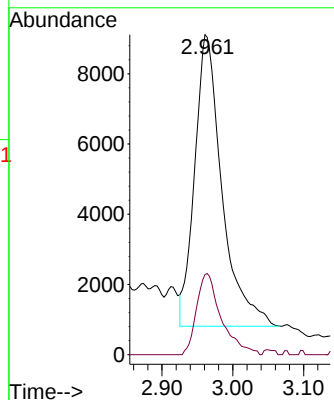
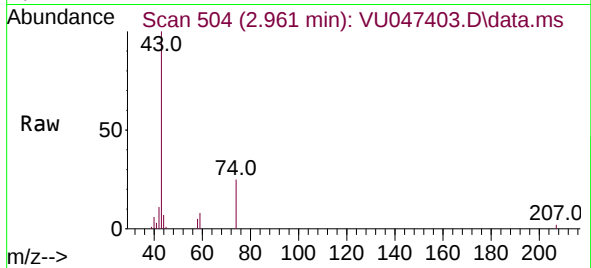




#15
Methyl Acetate
Concen: 4.348 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

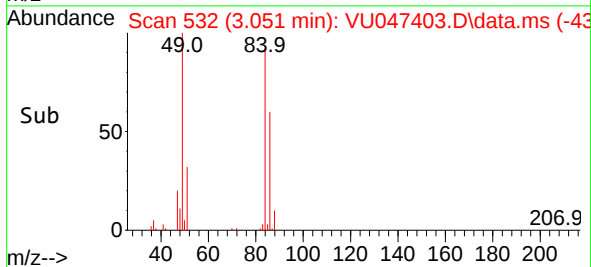
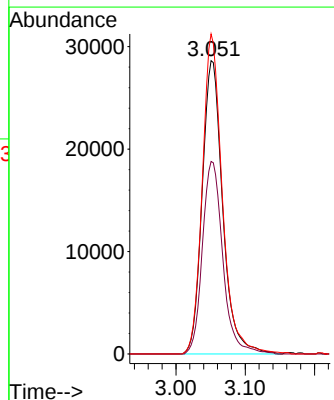
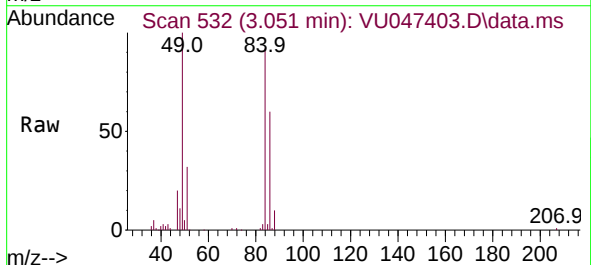
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

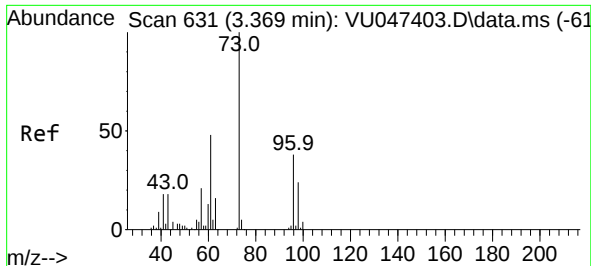
Tgt Ion: 43 Resp: 22260
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 3.796 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 84 Resp: 58915
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 109.1 76.4 141.8

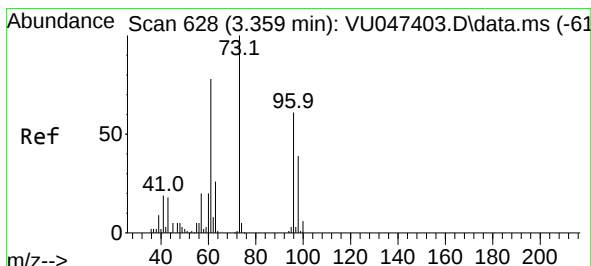
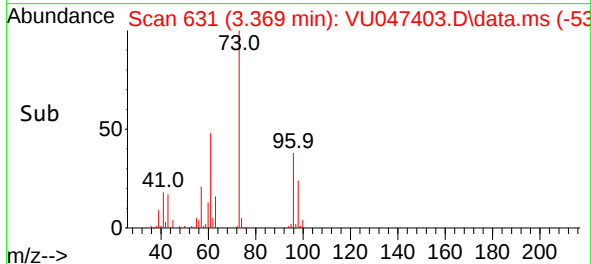
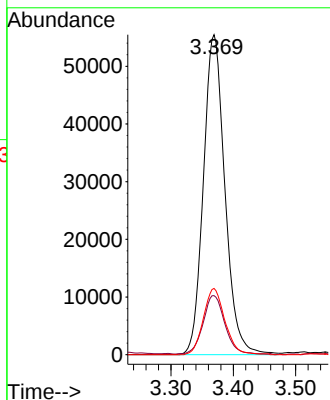
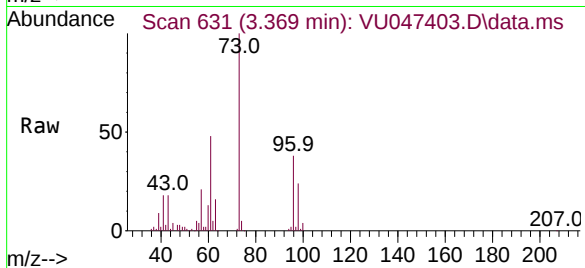




#17
Methyl tert-butyl Ether
Concen: 4.763 ug/L
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

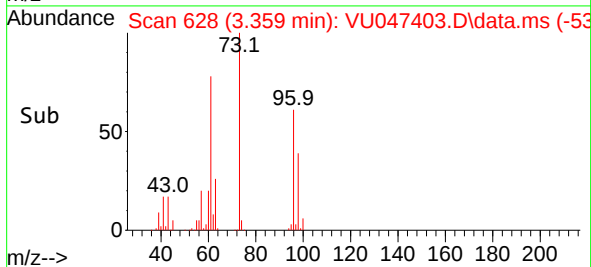
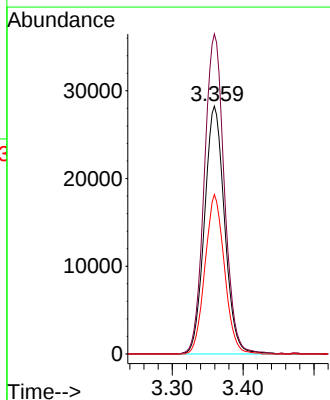
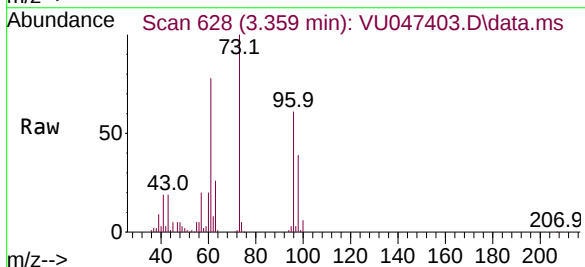
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

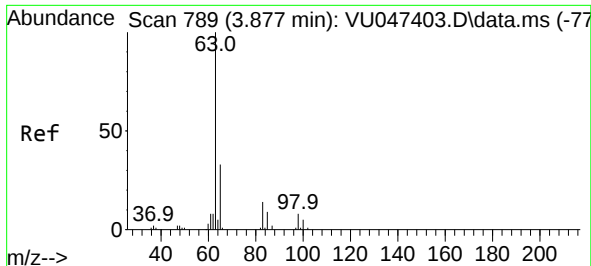
Tgt Ion: 73 Resp: 133274
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 20.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.278 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 96 Resp: 55668
Ion Ratio Lower Upper
96 100
61 129.1 90.4 167.8
98 64.3 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.000 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005015

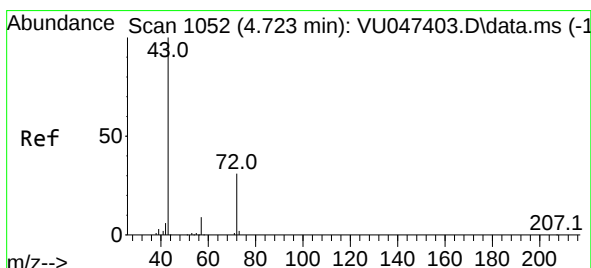
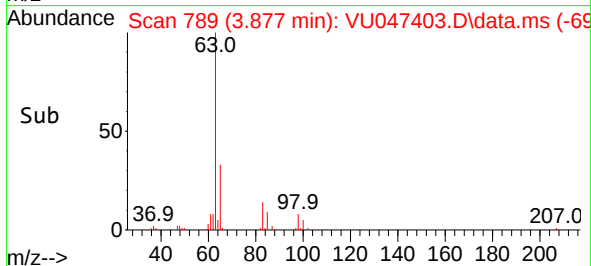
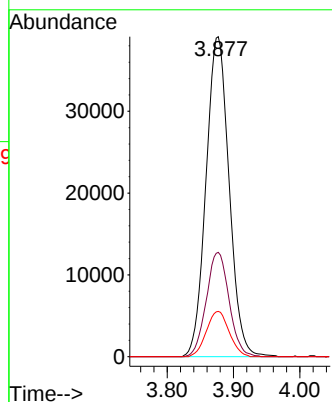
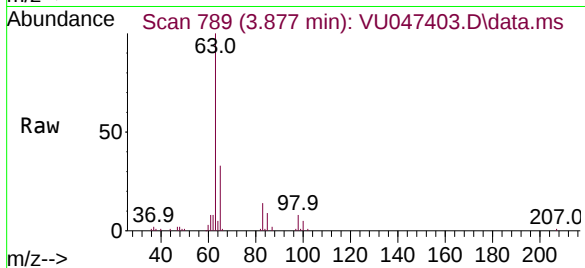
Tgt Ion: 63 Resp: 94522

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 14.1 9.9 18.3



#21

2-Butanone

Concen: 38.730 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU047403.D

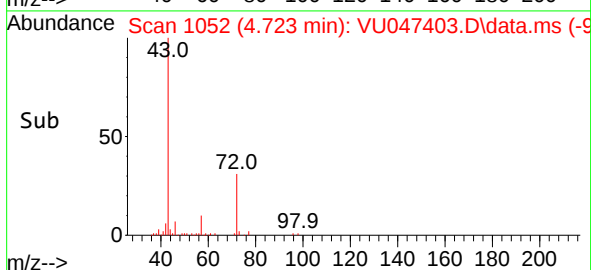
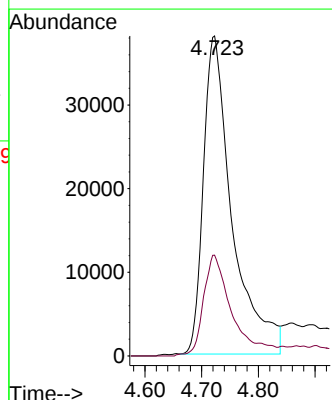
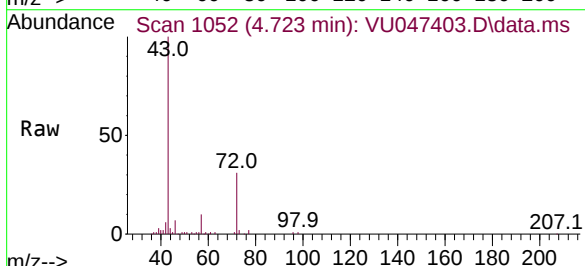
Acq: 09 Mar 2022 14:02

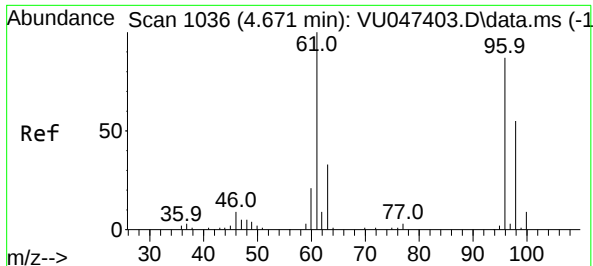
Tgt Ion: 43 Resp: 133879

Ion Ratio Lower Upper

43 100

72 29.4 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 4.493 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005015

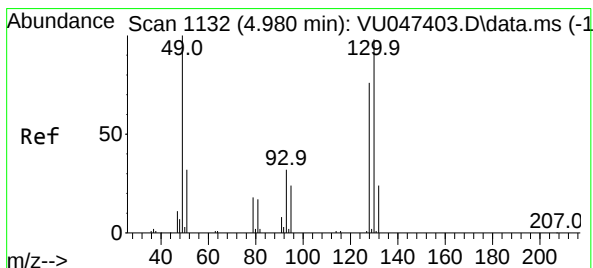
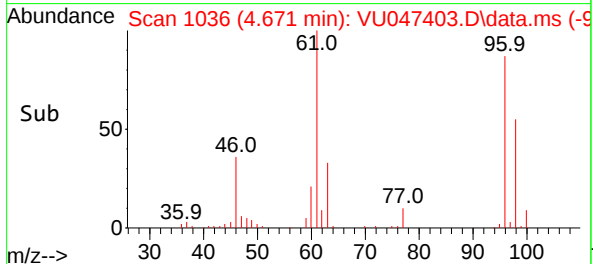
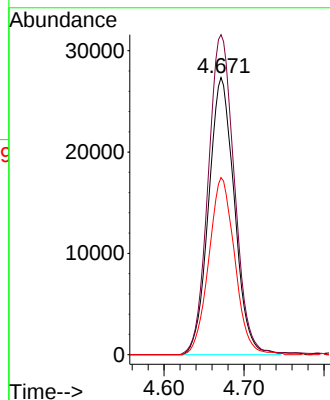
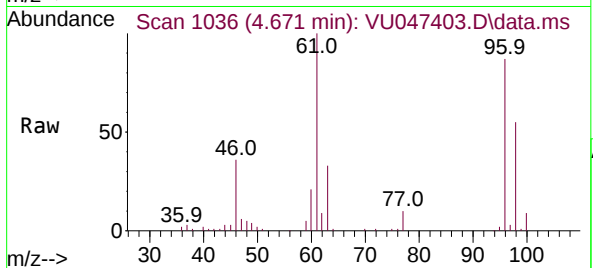
Tgt Ion: 96 Resp: 61204

Ion Ratio Lower Upper

96 100

61 115.4 80.8 150.0

98 63.9 44.7 83.1



#23

Bromochloromethane

Concen: 4.553 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Tgt Ion: 128 Resp: 30209

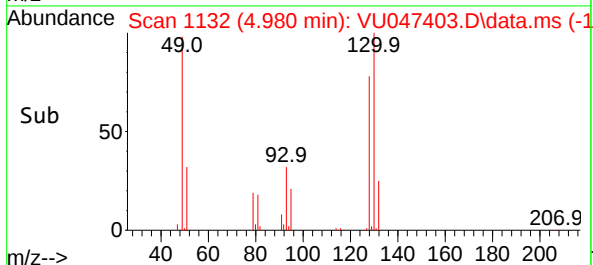
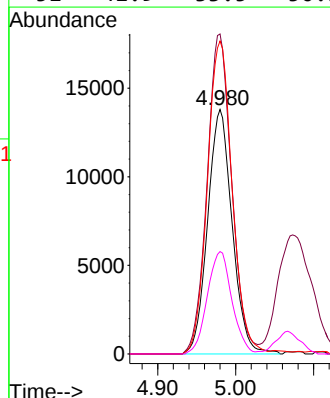
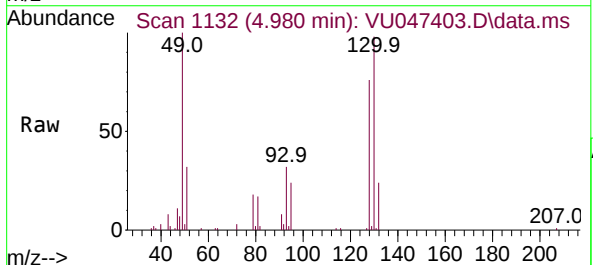
Ion Ratio Lower Upper

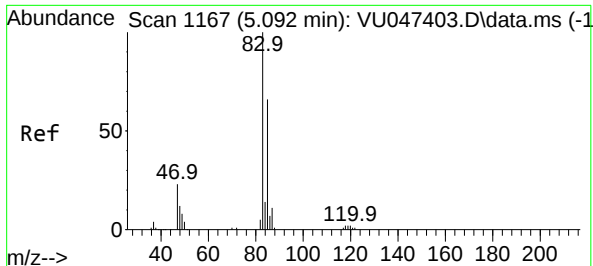
128 100

49 130.9 91.6 170.2

130 128.0 89.6 166.4

51 41.9 33.5 50.3





#25

Chloroform

Concen: 3.739 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

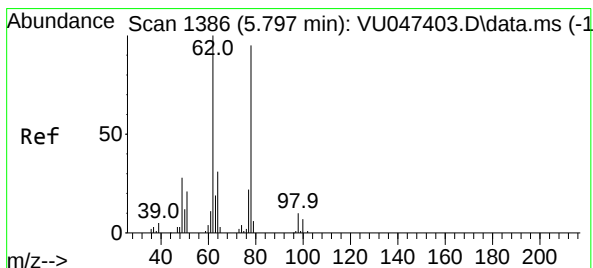
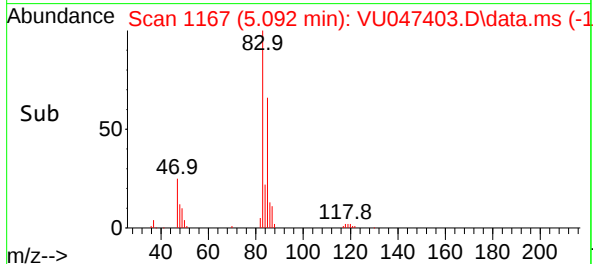
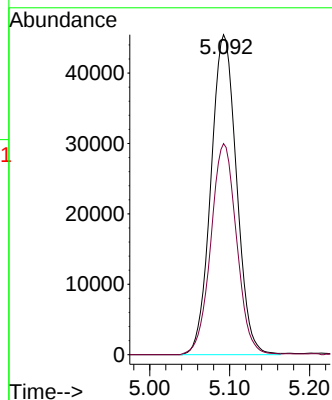
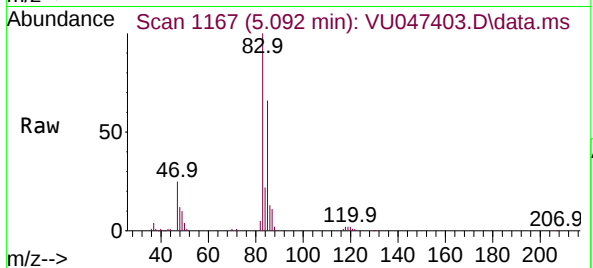
VSTD005015

Tgt Ion: 83 Resp: 100939

Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.154 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047403.D

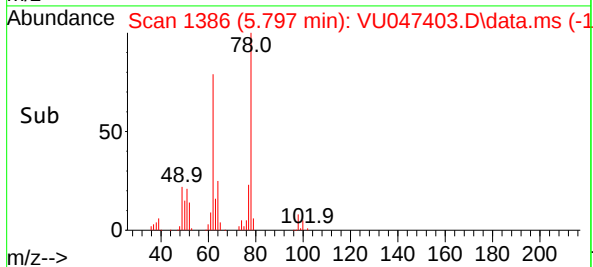
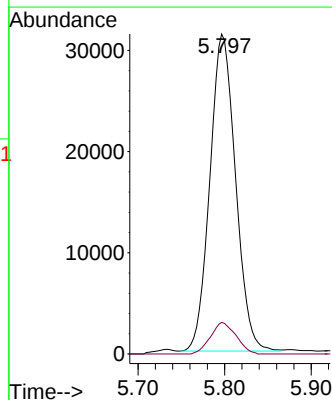
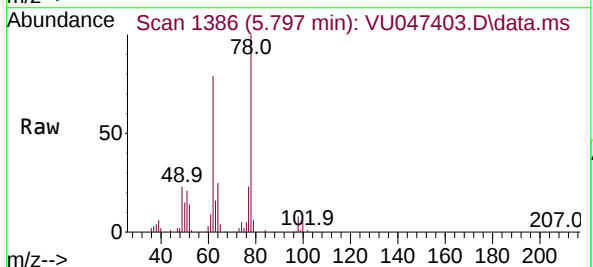
Acq: 09 Mar 2022 14:02

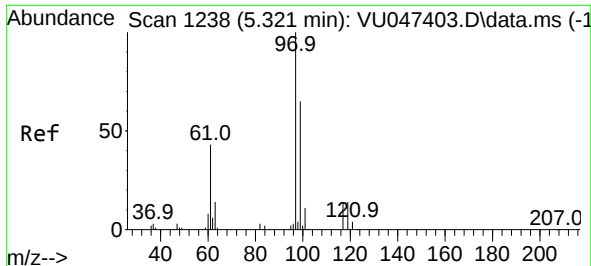
Tgt Ion: 62 Resp: 64666

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.624 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005015

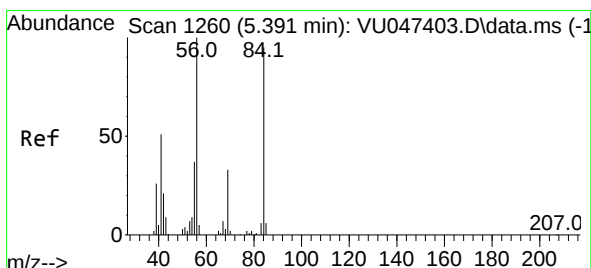
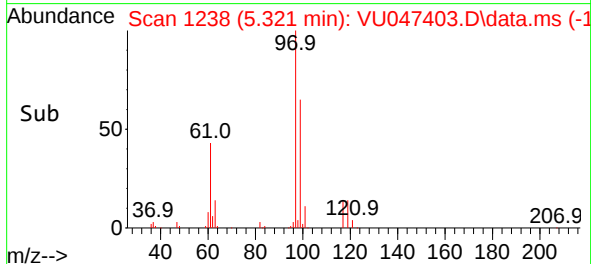
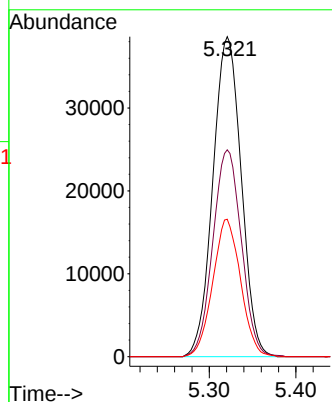
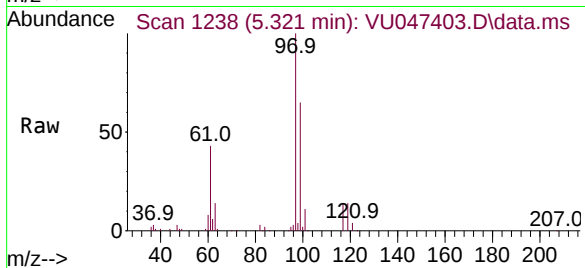
Tgt Ion: 97 Resp: 87708

Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 42.2 33.8 50.6



#30

Cyclohexane

Concen: 5.292 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

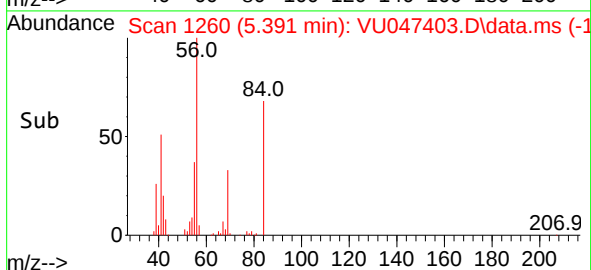
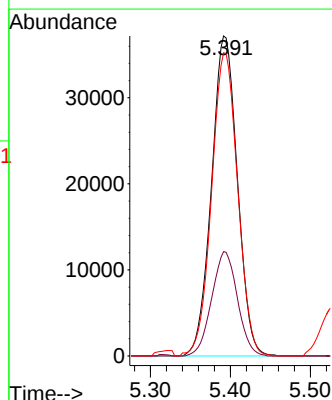
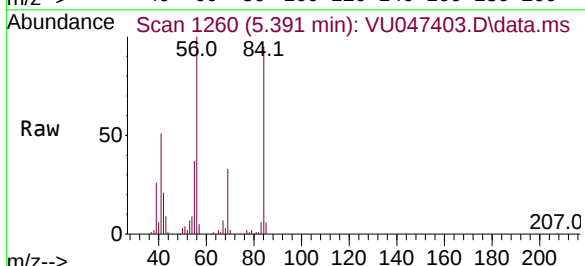
Tgt Ion: 56 Resp: 83479

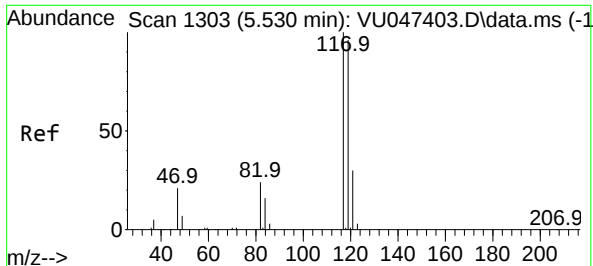
Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 95.4 76.3 114.5

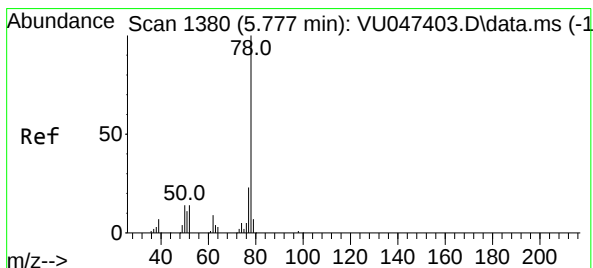
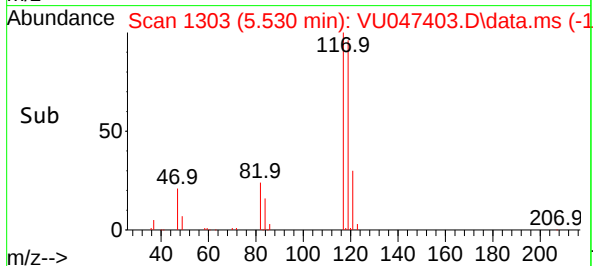
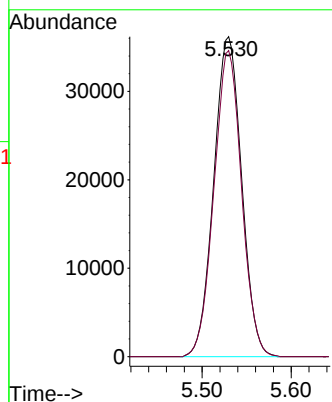
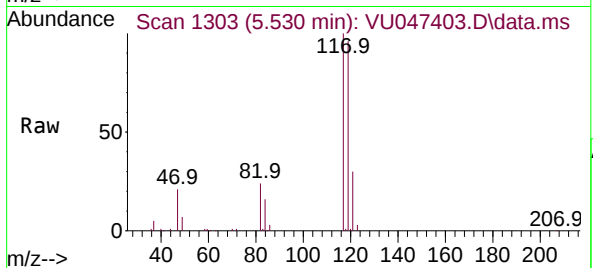




#31
Carbon tetrachloride
Concen: 4.793 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

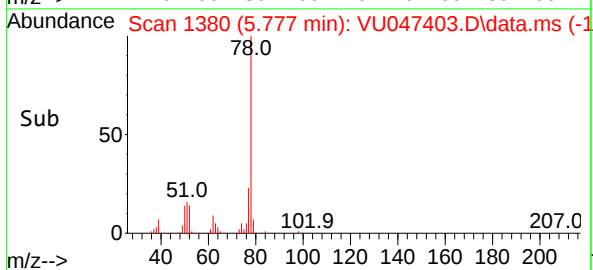
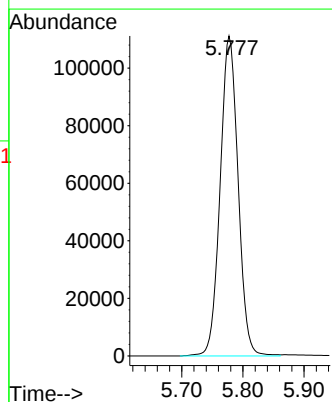
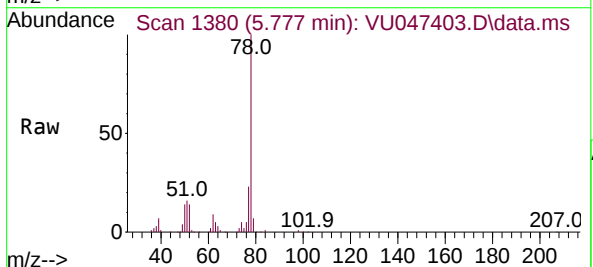
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

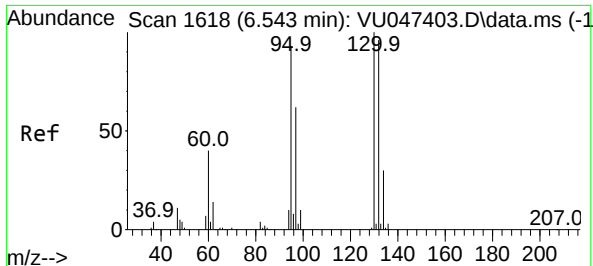
Tgt Ion:117 Resp: 78681
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 4.844 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 78 Resp: 226493

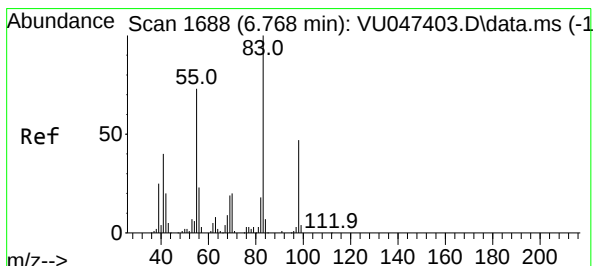
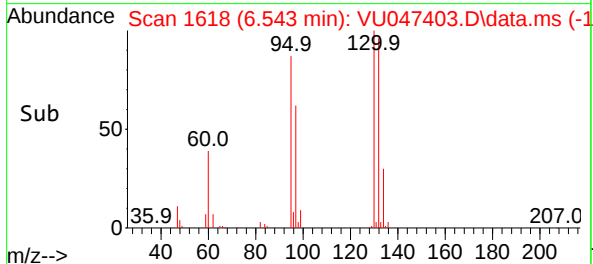
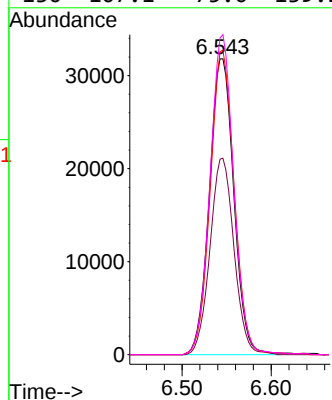
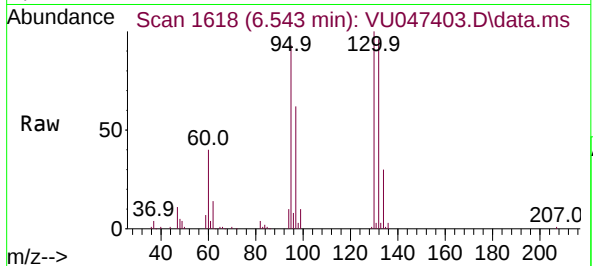




#34
Trichloroethene
Concen: 5.024 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

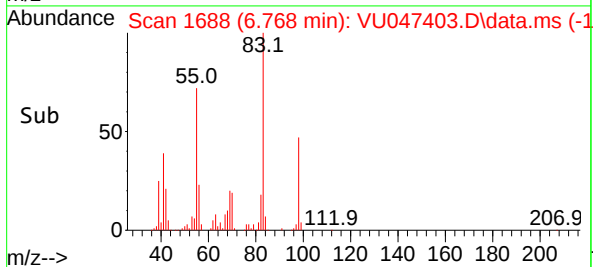
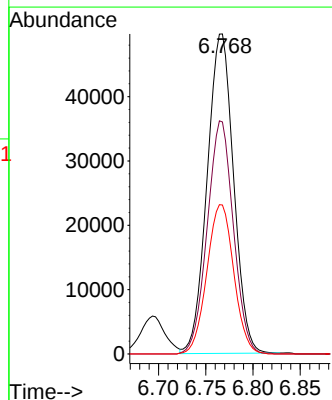
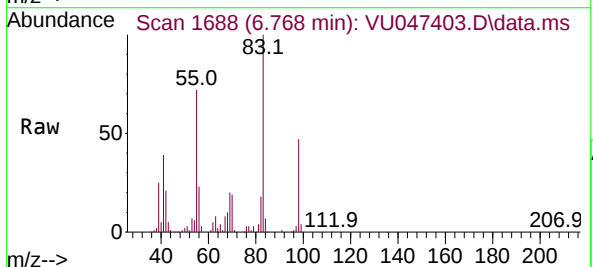
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

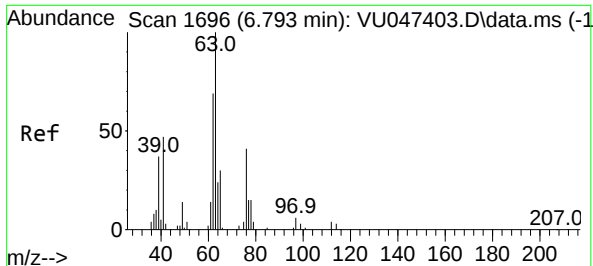
Tgt Ion: 95 Resp: 60476
Ion Ratio Lower Upper
95 100
97 66.1 46.3 85.9
132 102.4 71.7 133.1
130 107.1 75.0 139.2



#35
Methylcyclohexane
Concen: 5.666 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 83 Resp: 96467
Ion Ratio Lower Upper
83 100
55 72.3 57.8 86.8
98 47.5 38.0 57.0

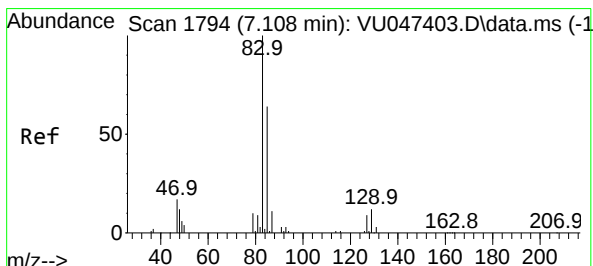
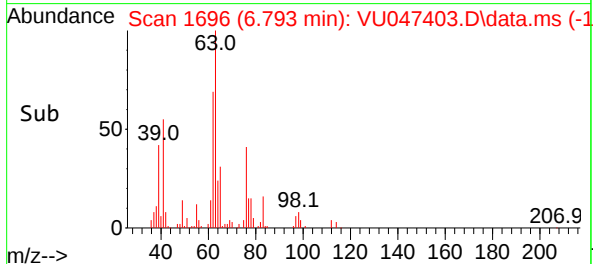
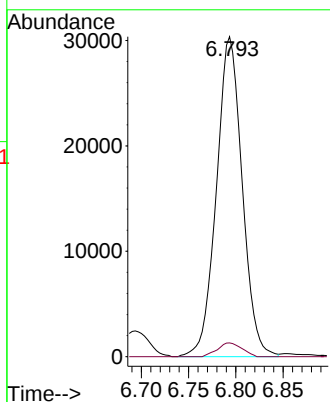
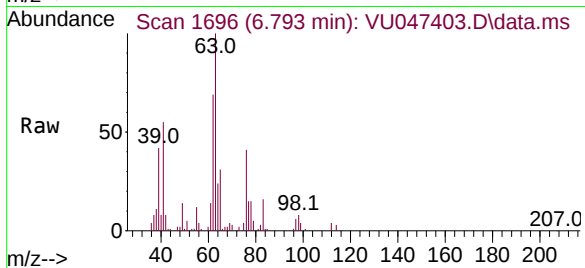




#37
1,2-Dichloropropane
Concen: 4.700 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

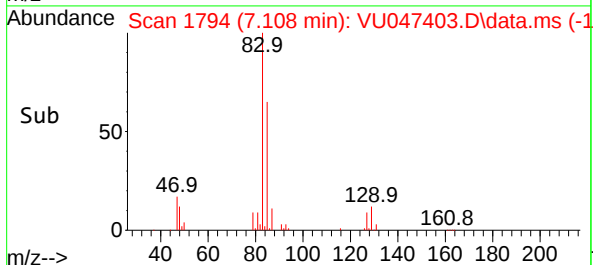
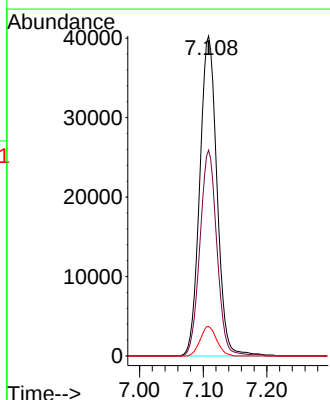
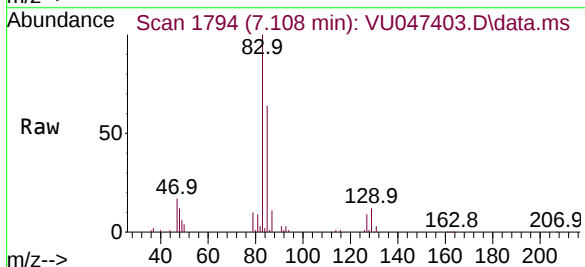
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

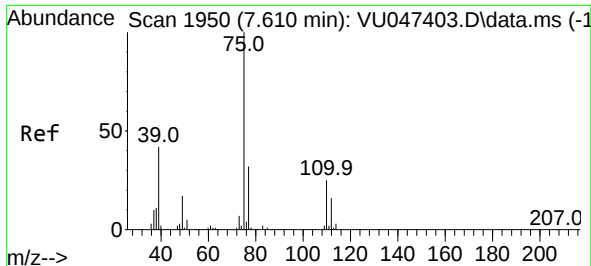
Tgt Ion: 63 Resp: 57578
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.715 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 83 Resp: 75763
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 9.2 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.289 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

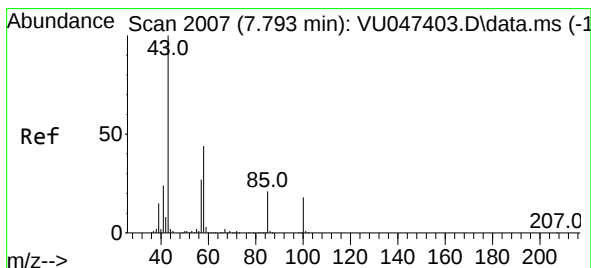
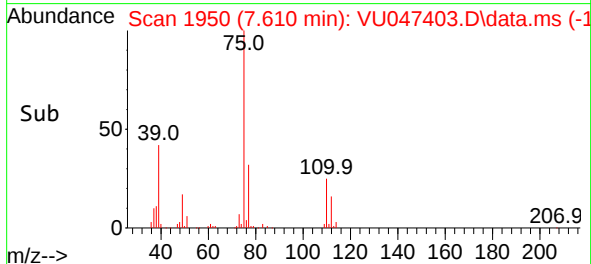
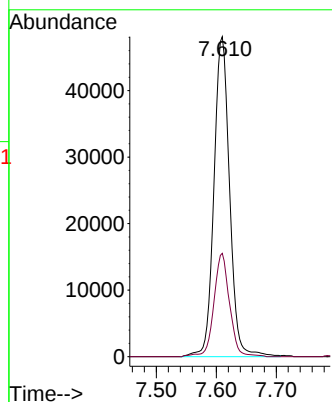
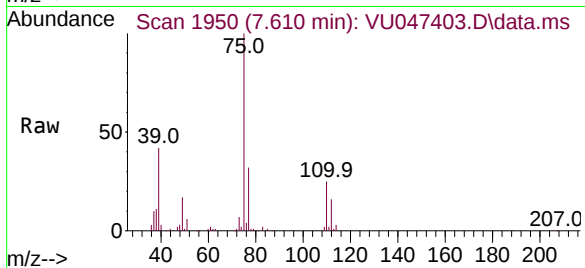
VSTD005015

Tgt Ion: 75 Resp: 87335

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 56.236 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

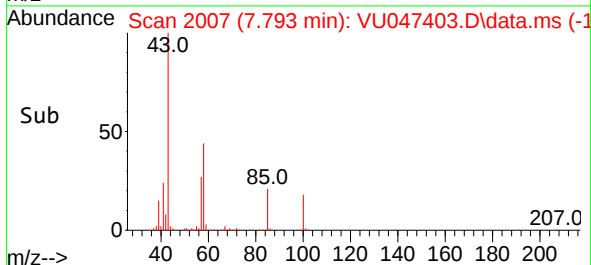
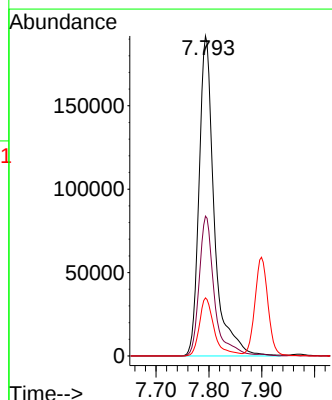
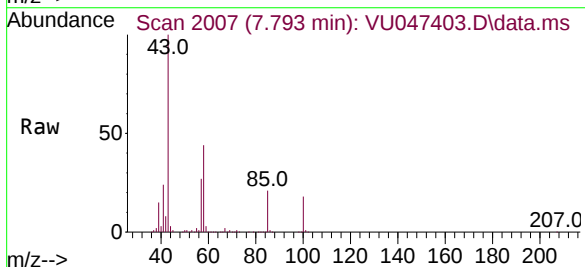
Tgt Ion: 43 Resp: 383478

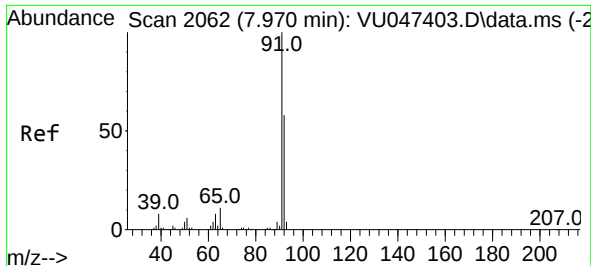
Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2

100 17.8 14.2 21.4





#42

Toluene

Concen: 5.218 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

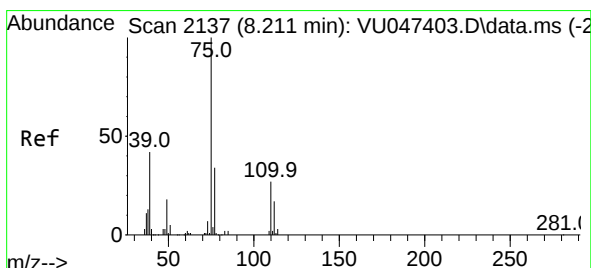
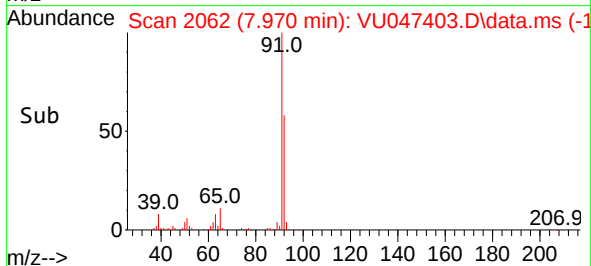
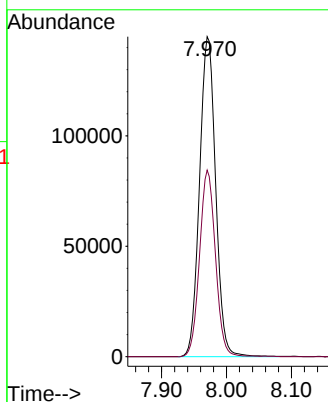
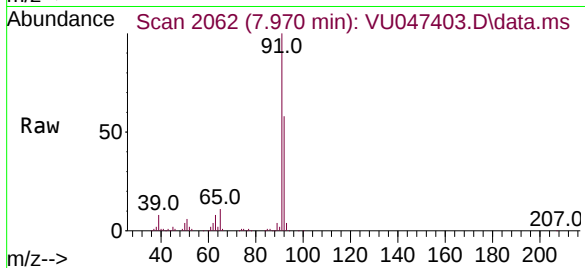
VSTD005015

Tgt Ion: 91 Resp: 250797

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047403.D

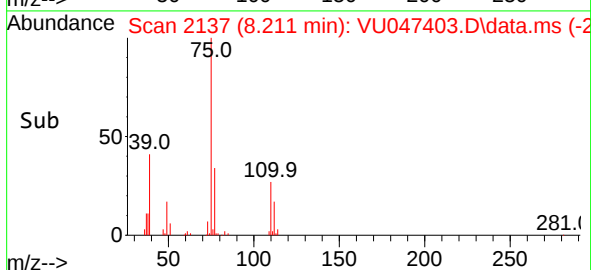
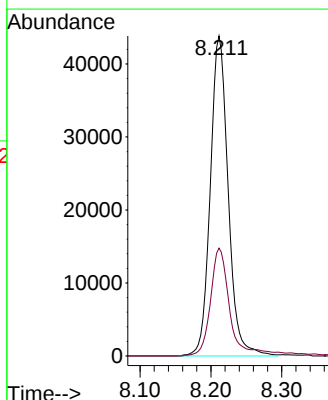
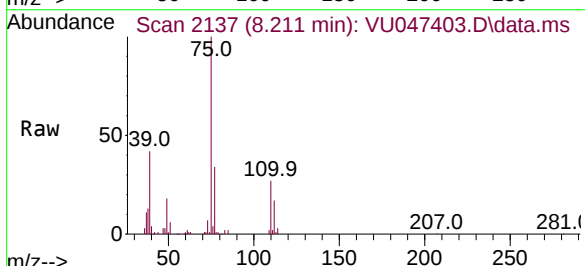
Acq: 09 Mar 2022 14:02

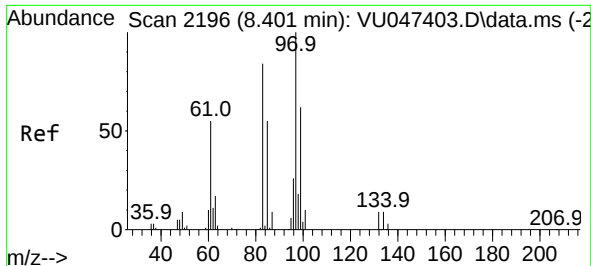
Tgt Ion: 75 Resp: 76849

Ion Ratio Lower Upper

75 100

77 33.7 23.6 43.8

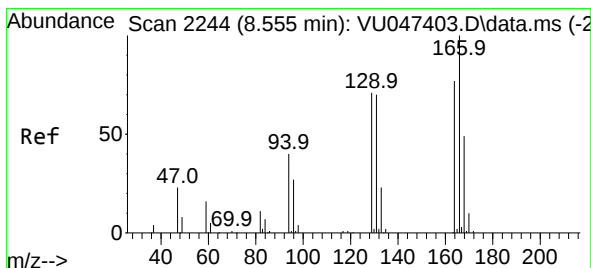
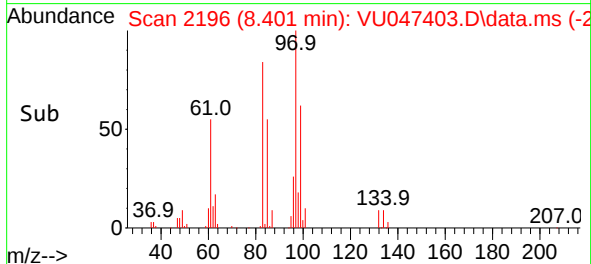
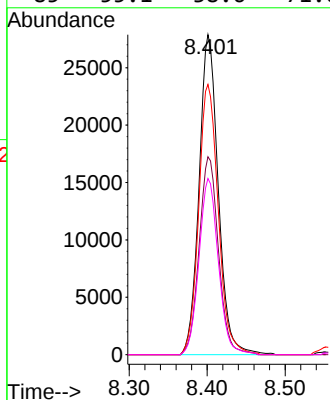
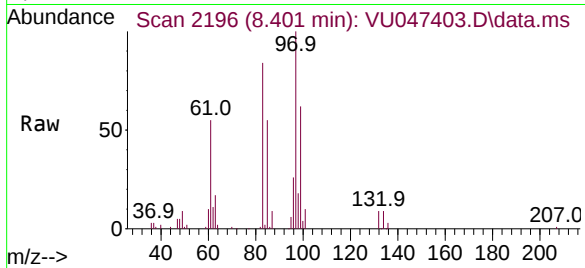




#45
1,1,2-Trichloroethane
Concen: 5.153 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

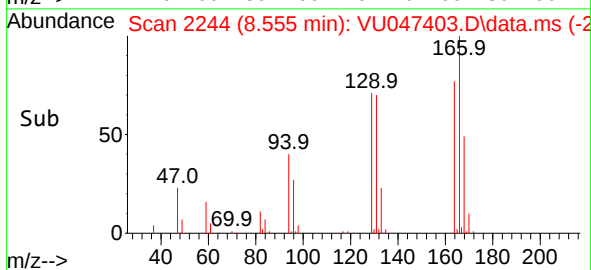
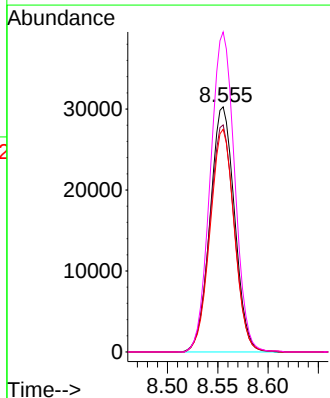
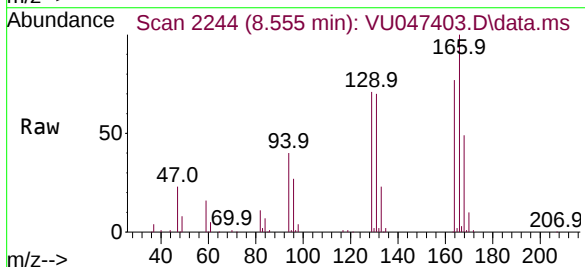
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

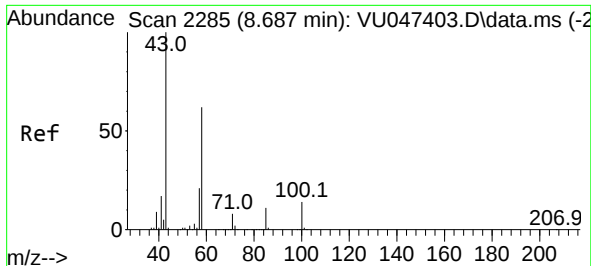
Tgt Ion:	97	Resp:	47738
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	84.5	59.1	109.9
85	55.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.433 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion:	164	Resp:	51385
Ion	Ratio	Lower	Upper
164	100		
129	92.7	64.9	120.5
131	90.9	63.6	118.2
166	130.6	91.4	169.8

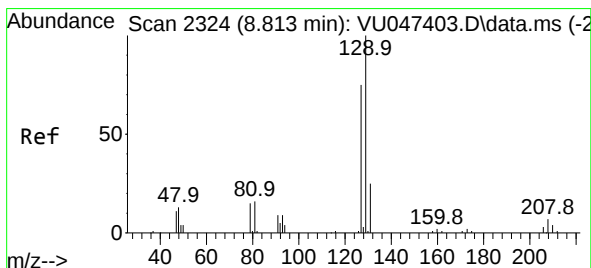
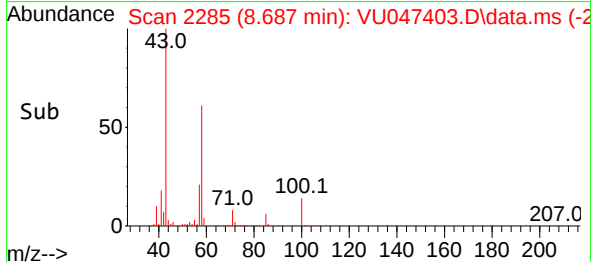
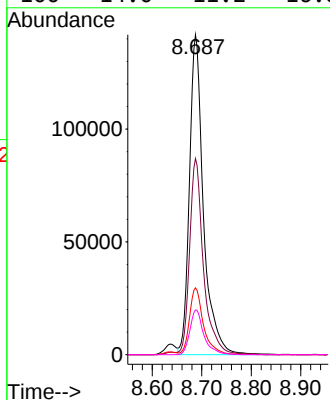
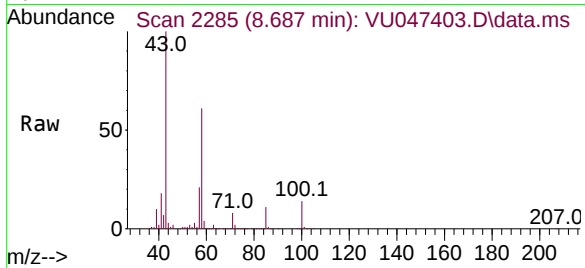




#48
2-Hexanone
Concen: 54.549 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

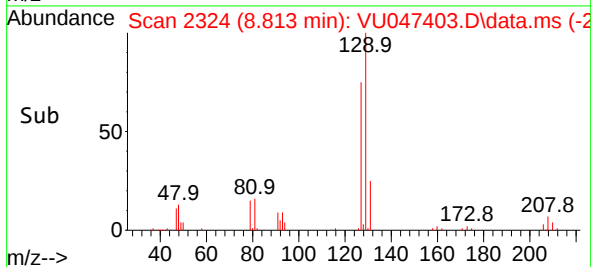
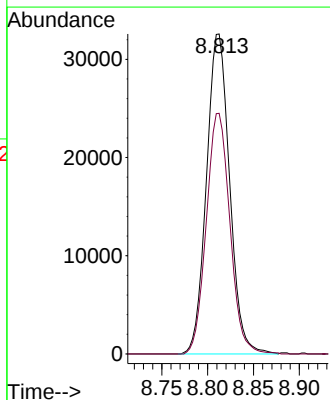
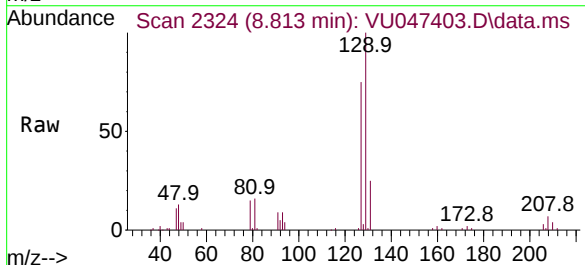
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

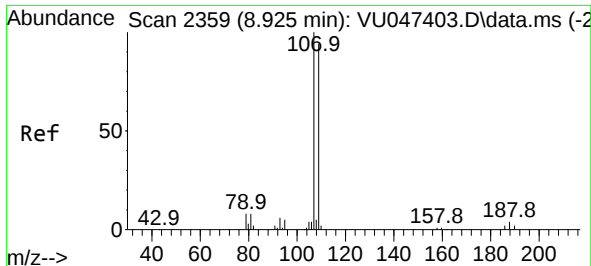
Tgt Ion: 43 Resp: 279273
Ion Ratio Lower Upper
43 100
58 59.6 47.7 71.5
57 20.8 16.6 25.0
100 14.0 11.2 16.8



#49
Dibromochloromethane
Concen: 5.213 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 129 Resp: 57319
Ion Ratio Lower Upper
129 100
127 75.2 52.6 97.8

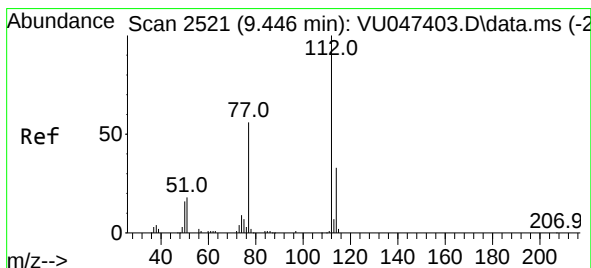
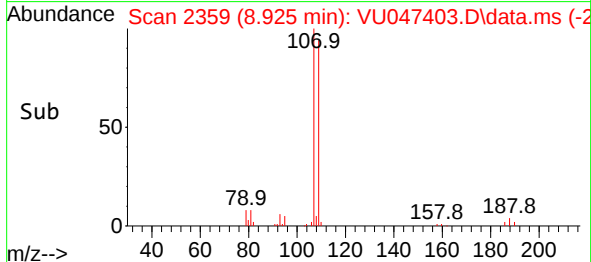
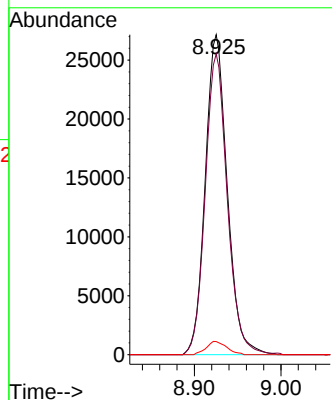
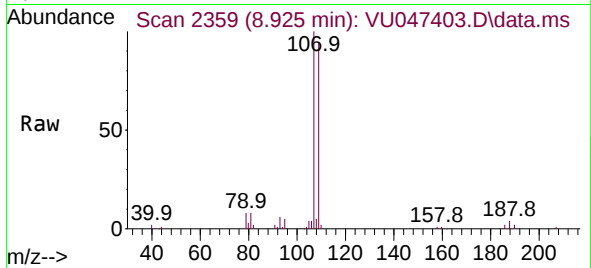




#50
1,2-Dibromoethane
Concen: 5.467 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

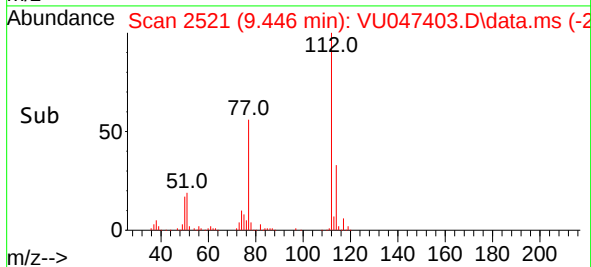
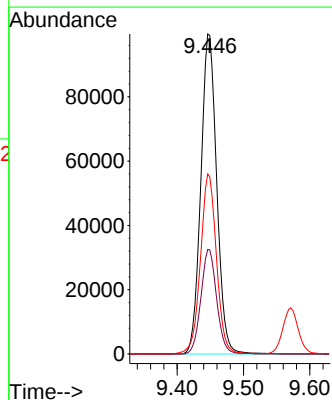
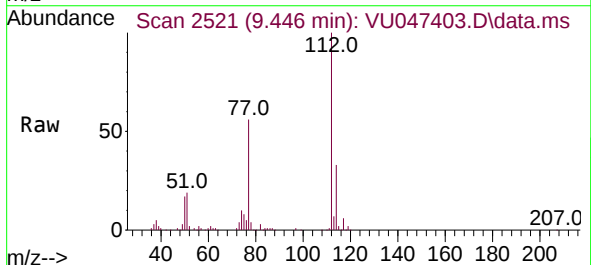
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

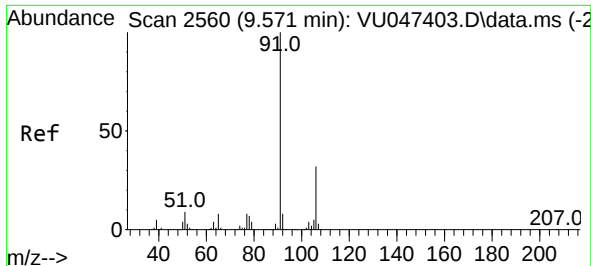
Tgt Ion:107 Resp: 47949
Ion Ratio Lower Upper
107 100
109 94.0 65.8 122.2
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 5.162 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion:112 Resp: 165562
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 56.3 45.0 67.6





#52

Ethylbenzene

Concen: 5.460 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

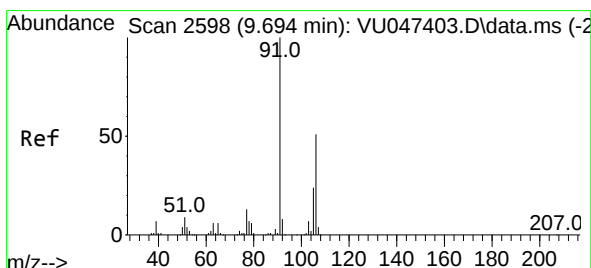
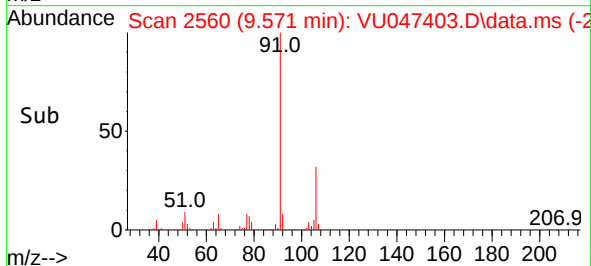
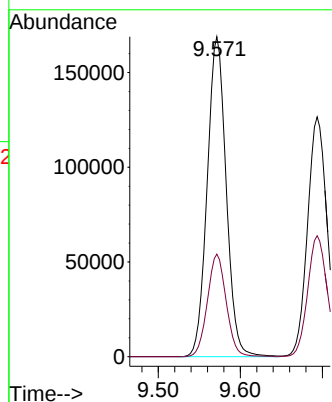
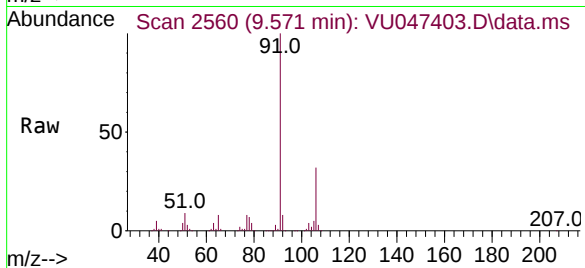
VSTD005015

Tgt Ion: 91 Resp: 271215

Ion Ratio Lower Upper

91 100

106 32.0 22.4 41.6



#53

m,p-Xylene

Concen: 5.530 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU047403.D

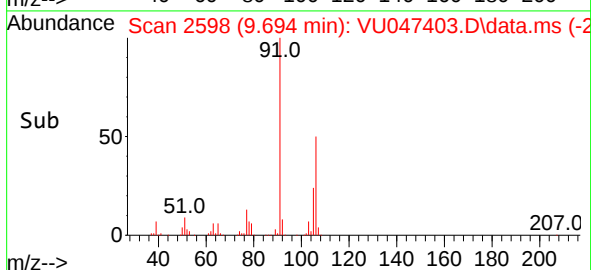
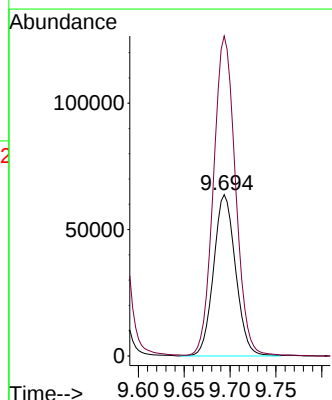
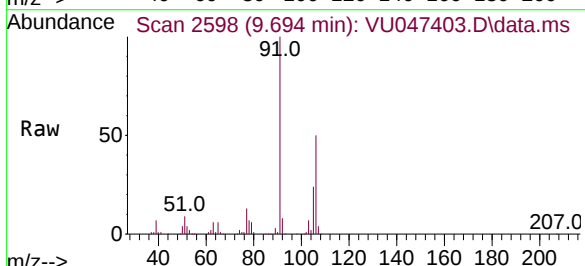
Acq: 09 Mar 2022 14:02

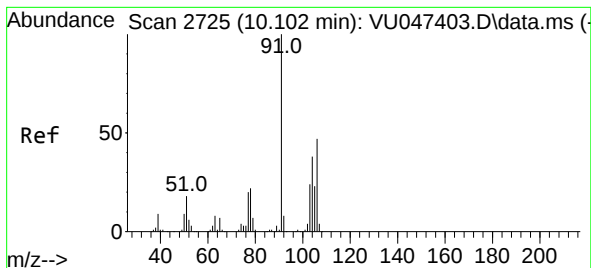
Tgt Ion: 106 Resp: 106481

Ion Ratio Lower Upper

106 100

91 198.3 138.8 257.8





#54

o-Xylene

Concen: 5.741 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

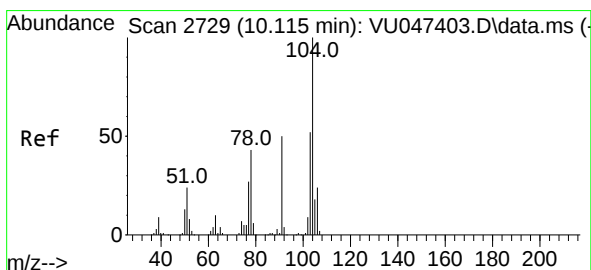
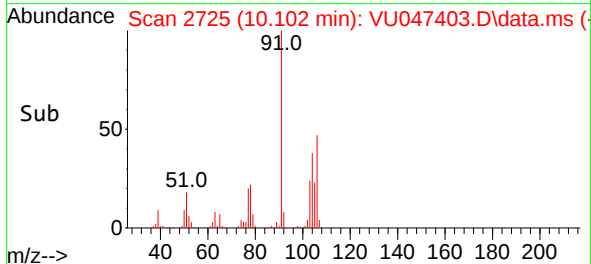
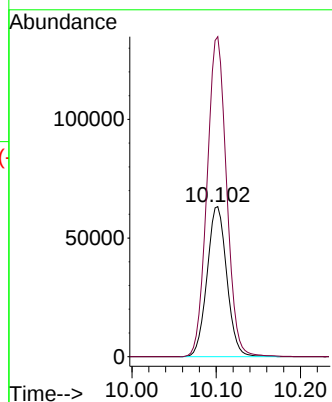
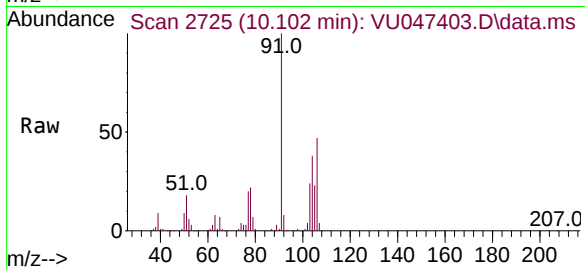
VSTD005015

Tgt Ion:106 Resp: 103005

Ion Ratio Lower Upper

106 100

91 213.1 149.2 277.0



#55

Styrene

Concen: 5.636 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047403.D

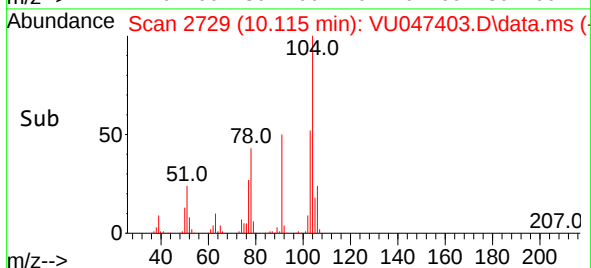
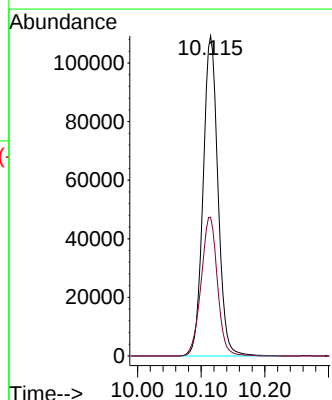
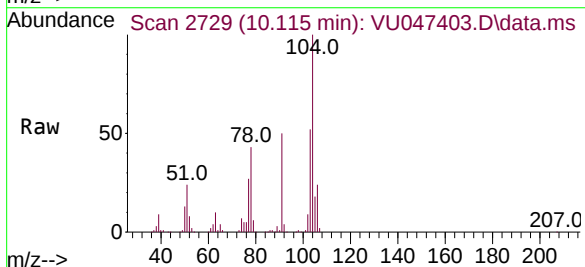
Acq: 09 Mar 2022 14:02

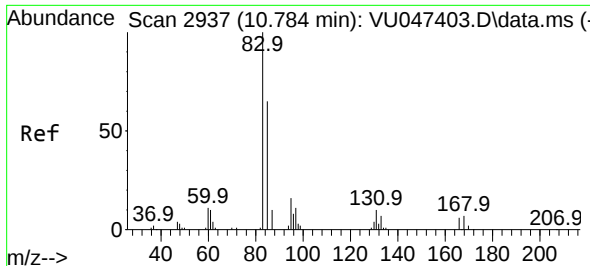
Tgt Ion:104 Resp: 176897

Ion Ratio Lower Upper

104 100

78 43.4 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.117 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005015

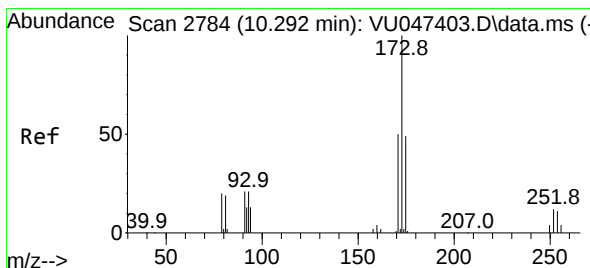
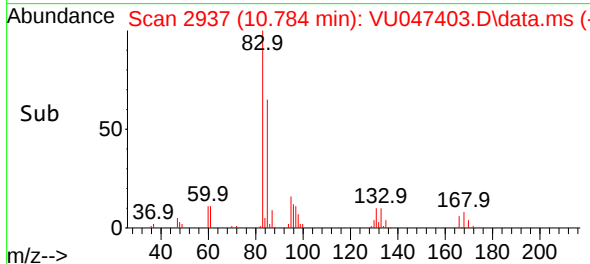
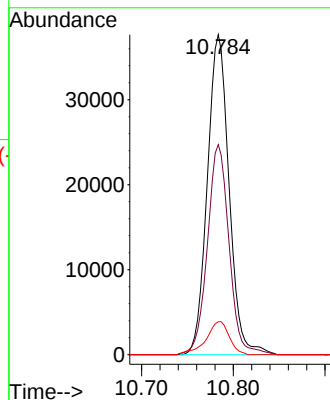
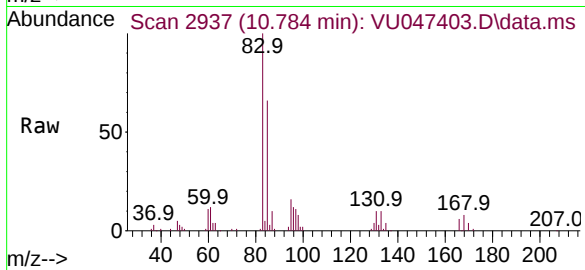
Tgt Ion: 83 Resp: 62006

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

131 10.3 8.2 12.4



#59

Bromoform

Concen: 5.852 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047403.D

Acq: 09 Mar 2022 14:02

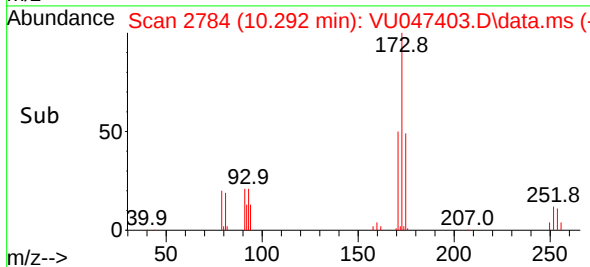
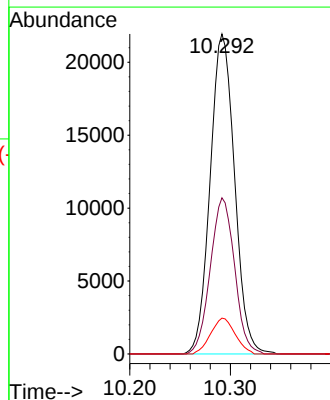
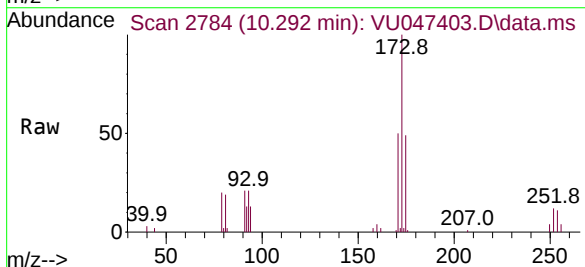
Tgt Ion: 173 Resp: 36986

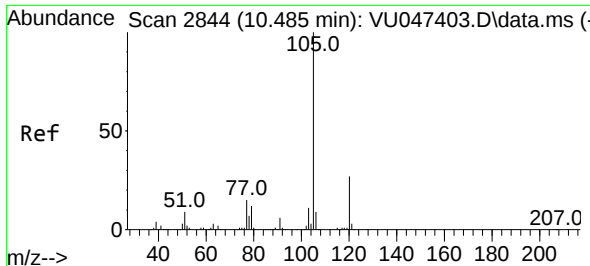
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 11.2 9.0 13.4

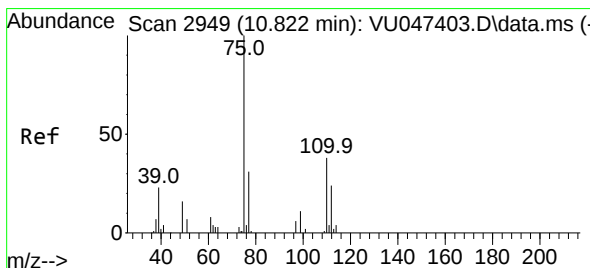
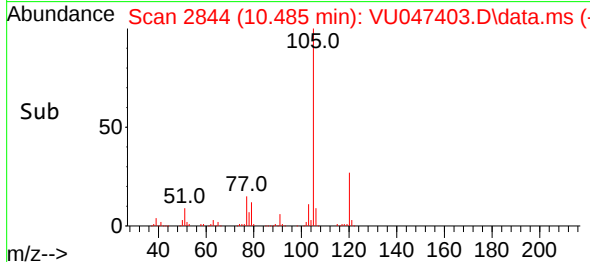
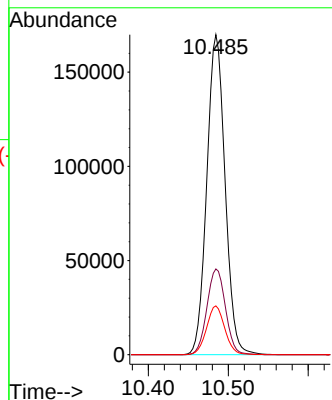
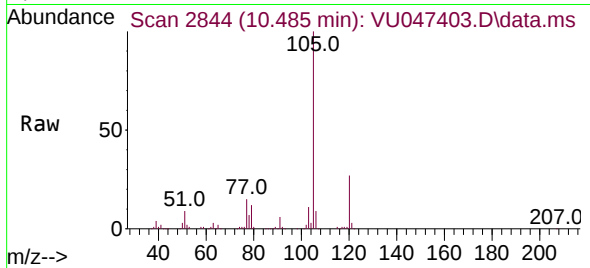




#60
Isopropylbenzene
Concen: 5.659 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

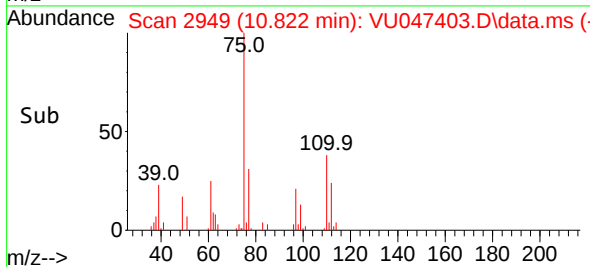
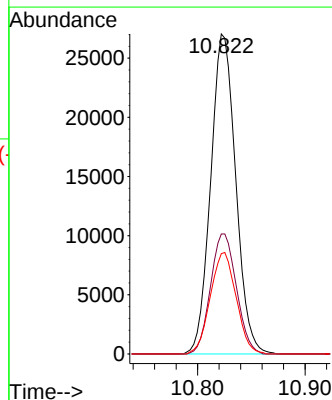
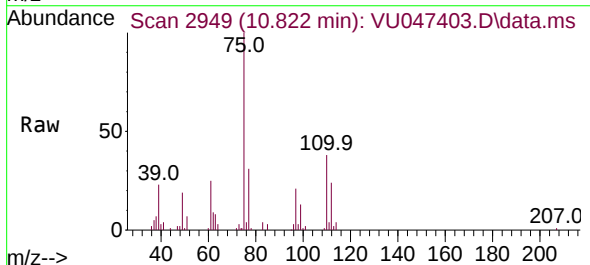
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

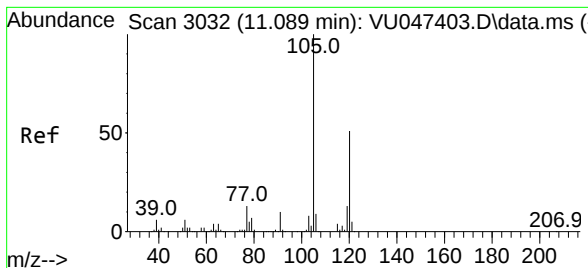
Tgt Ion:105 Resp: 270381
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.954 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion: 75 Resp: 43785
Ion Ratio Lower Upper
75 100
110 38.7 31.0 46.4
77 32.8 26.2 39.4

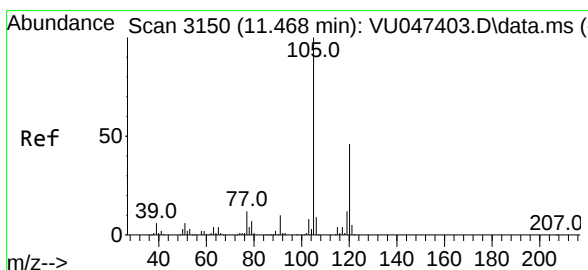
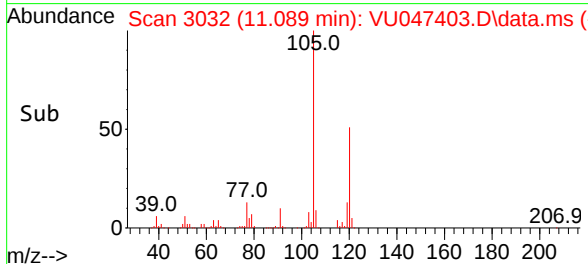
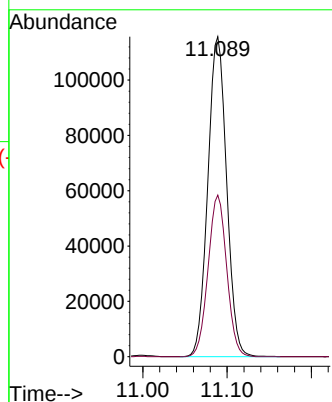
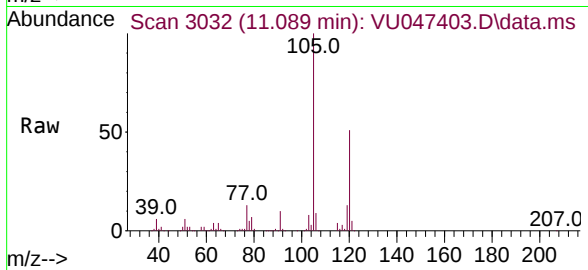




#62
1,3,5-Trimethylbenzene
Concen: 4.979 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

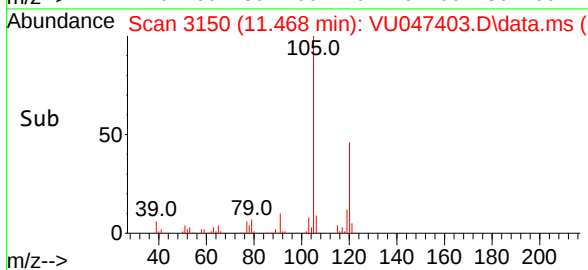
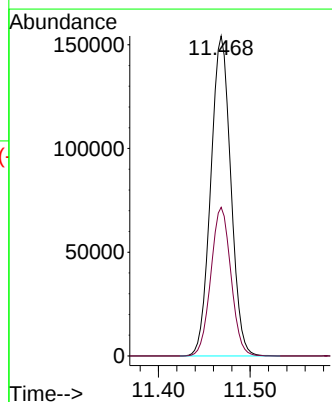
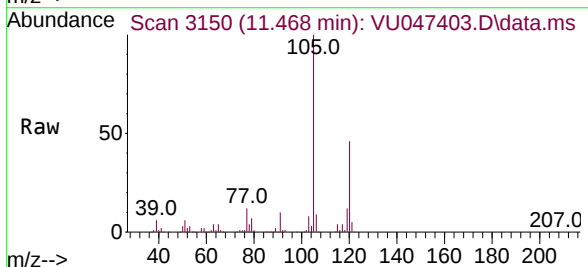
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

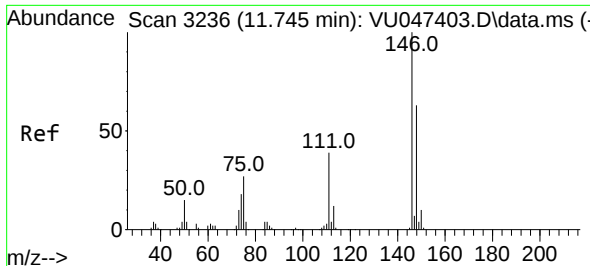
Tgt Ion:105 Resp: 179373
Ion Ratio Lower Upper
105 100
120 50.1 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 6.086 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion:105 Resp: 233968
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8

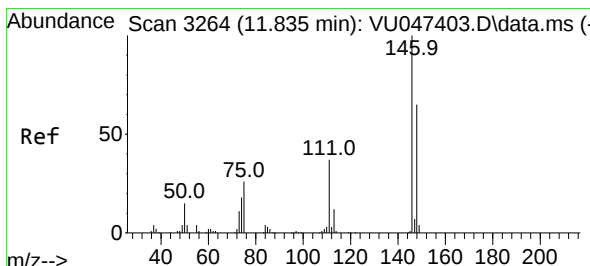
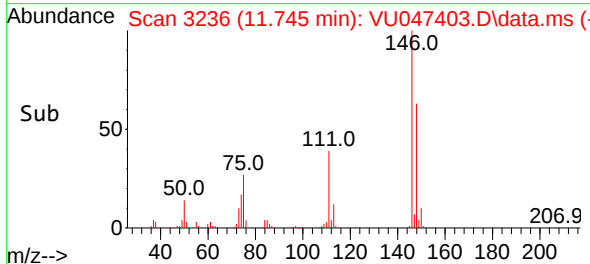
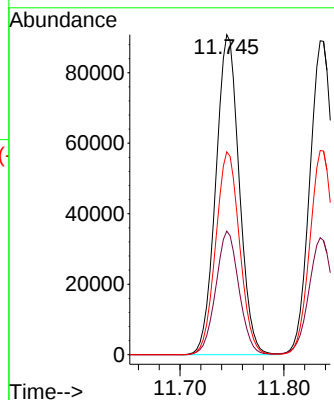
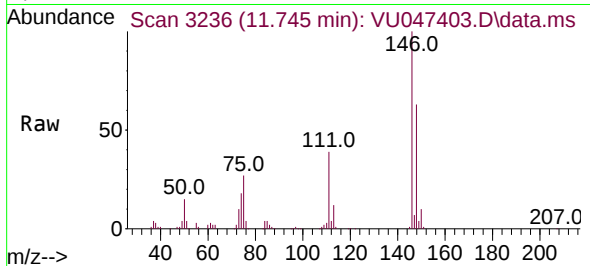




#64
1,3-Dichlorobenzene
Concen: 5.558 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

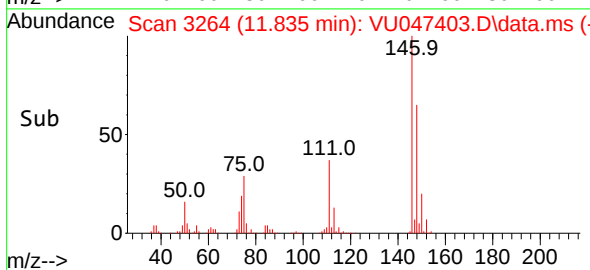
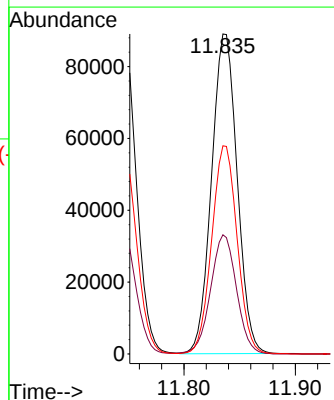
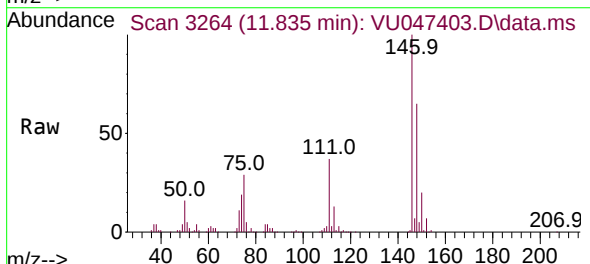
Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

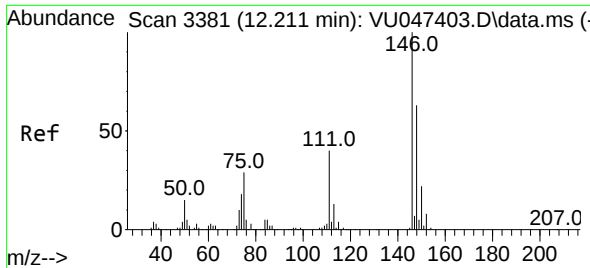
Tgt Ion:146 Resp: 142308
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.426 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion:146 Resp: 142194
Ion Ratio Lower Upper
146 100
111 37.3 26.1 48.5
148 65.1 45.6 84.6

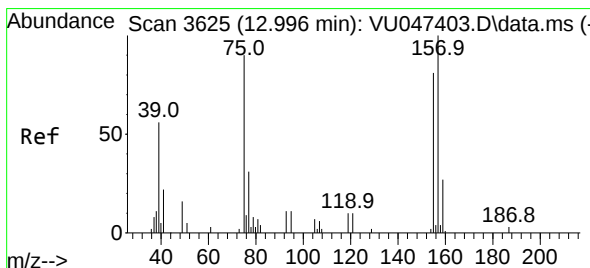
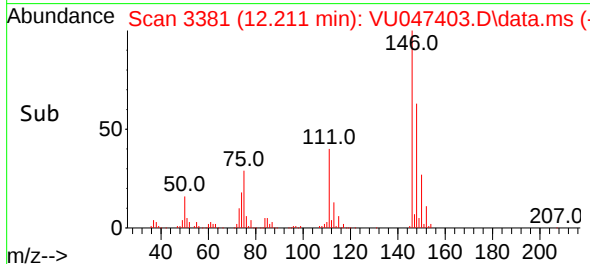
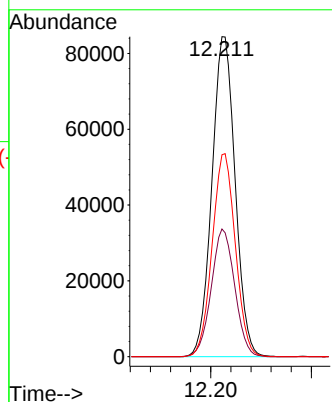
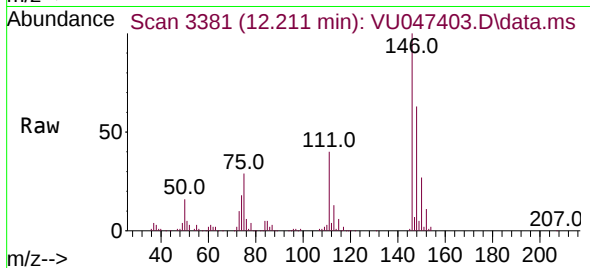




#67
 1,2-Dichlorobenzene
 Concen: 5.490 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

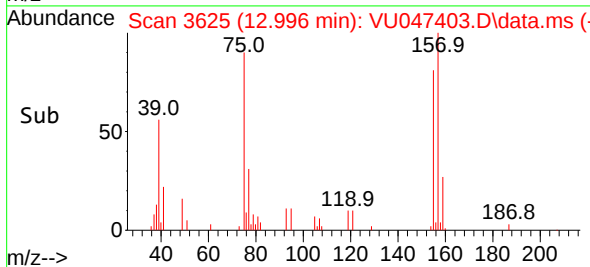
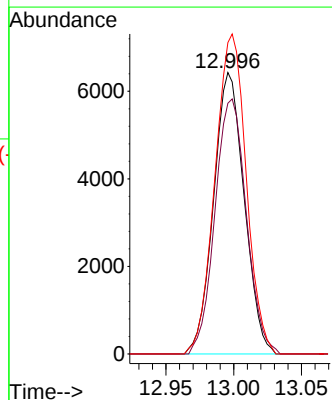
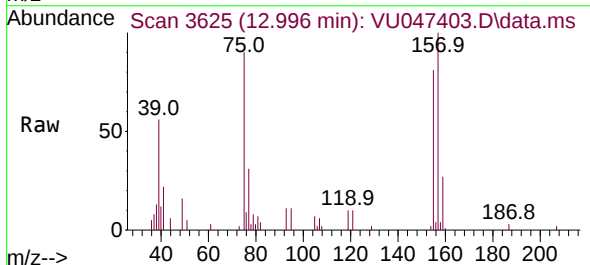
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005015

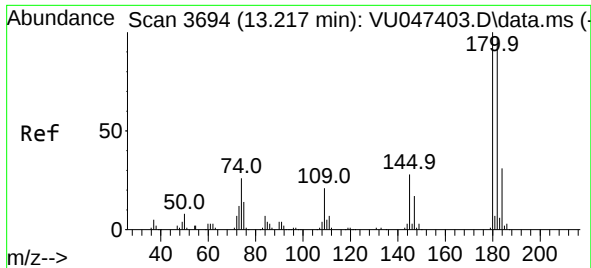
Tgt Ion:146 Resp: 135425
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.9 47.9
 148 63.1 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.321 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

Tgt Ion: 75 Resp: 10105
 Ion Ratio Lower Upper
 75 100
 155 89.1 71.3 106.9
 157 110.7 88.6 132.8

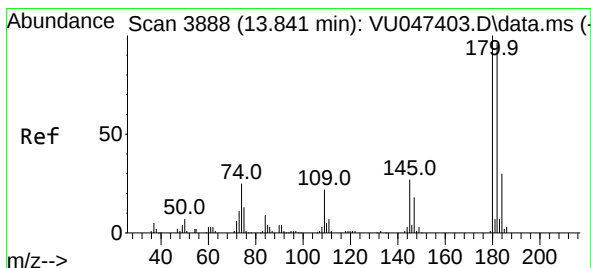
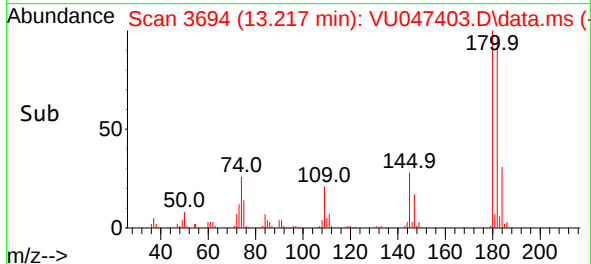
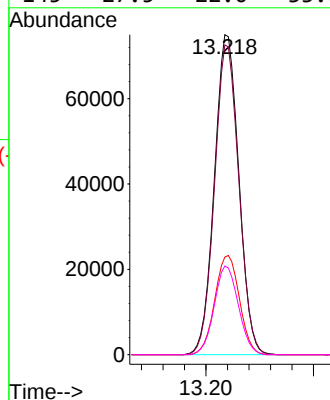
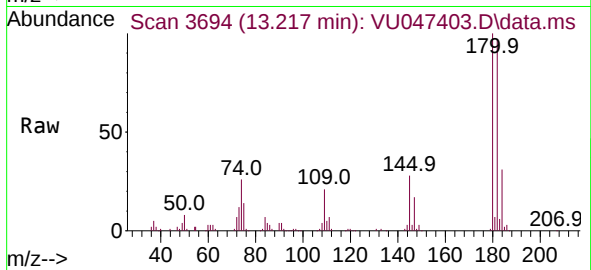




#69
 1,3,5-Trichlorobenzene
 Concen: 5.968 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

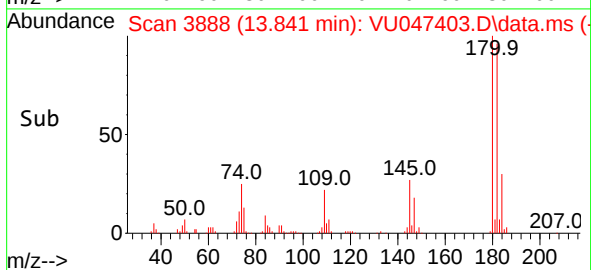
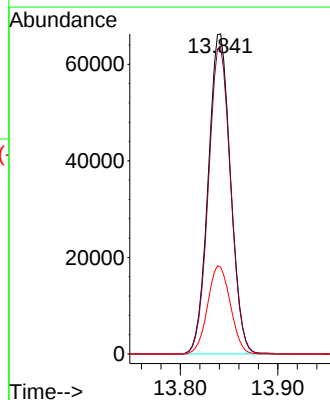
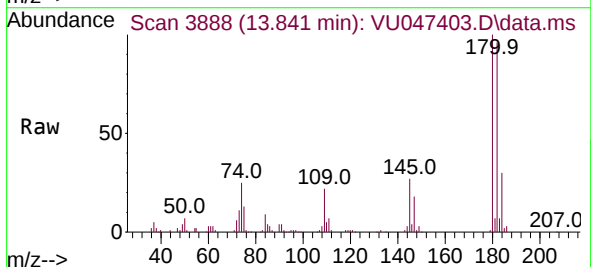
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005015

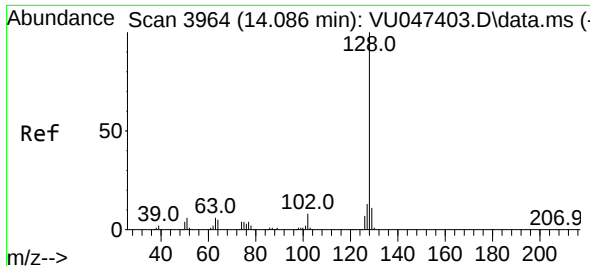
Tgt Ion:	180	Resp:	118265
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.1	115.7
184	31.2	25.0	37.4
145	27.5	22.0	33.0



#70
 1,2,4-trichlorobenzene
 Concen: 6.368 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047403.D
 Acq: 09 Mar 2022 14:02

Tgt Ion:	180	Resp:	105483
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.6	114.8
145	28.0	22.4	33.6

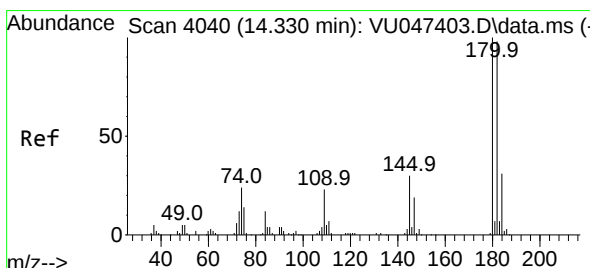
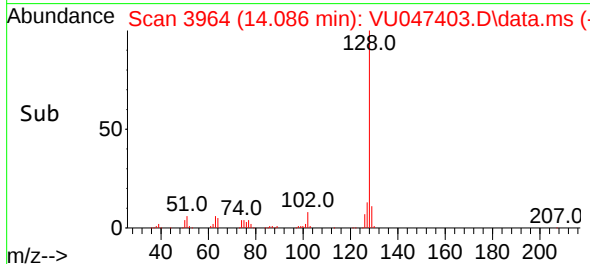
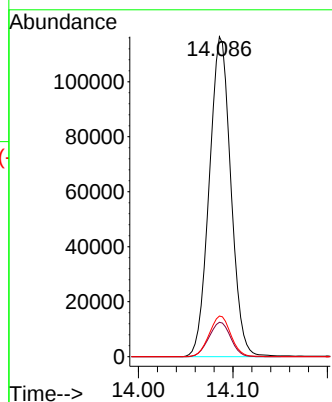
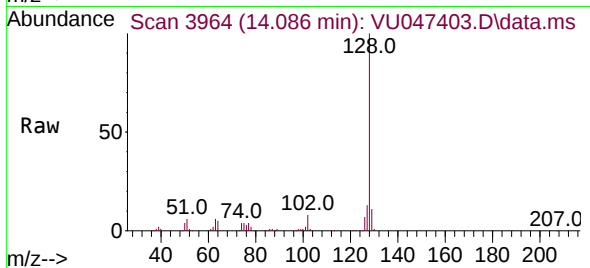




#71
Naphthalene
Concen: 6.391 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD005015

Tgt Ion:128 Resp: 184588
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.229 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047403.D
Acq: 09 Mar 2022 14:02

Tgt Ion:180 Resp: 96737
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 29.3 23.4 35.2

