

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047405.D
 Acq On : 09 Mar 2022 14:49
 Operator : SY/MD
 Sample : VSTD02017
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

Quant Time: Mar 10 00:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181107	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	206528	9.673	ug/L	0.00
7) Chloroethane-d5	1.919	69	151110	9.200	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	93214	12.113	ug/L	0.00
20) 2-Butanone-d5	4.642	46	463203	110.314	ug/L	0.00
24) Chloroform-d	5.067	84	336399	9.906	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	164459	9.516	ug/L	0.00
32) Benzene-d6	5.732	84	697088	12.296	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	203149	11.462	ug/L	0.00
41) Toluene-d8	7.899	98	680849	13.509	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	92402	13.679	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	423331	135.197	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188185	12.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	271856	13.683	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	295592	17.831	ug/L	98
3) Chloromethane	1.523	50	289196	14.567	ug/L	98
5) Vinyl chloride	1.607	62	295328	14.841	ug/L	98
6) Bromomethane	1.864	94	167561	15.153	ug/L	100
8) Chloroethane	1.938	64	176441	14.942	ug/L	99
9) Trichlorofluoromethane	2.144	101	383616	15.197	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	242335	16.184	ug/L	98
12) 1,1-Dichloroethene	2.584	96	231617	17.325	ug/L	91
13) Acetone	2.658	43	437804	172.494	ug/L	83
14) Carbon disulfide	2.797	76	733986	17.394	ug/L	99
15) Methyl Acetate	2.961	43	83254	14.898	ug/L	# 86
16) Methylene chloride	3.051	84	260865	15.396	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	620302	20.308	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	251365	17.695	ug/L	99
19) 1,1-Dichloroethane	3.874	63	435121	16.868	ug/L	99
21) 2-Butanone	4.723	43	778954	206.420	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	282763	19.013	ug/L	97
23) Bromochloromethane	4.980	128	137426	18.972	ug/L	96
25) Chloroform	5.092	83	460994	15.640	ug/L	99
27) 1,2-Dichloroethane	5.797	62	305539	17.979	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	402371	19.787	ug/L	99
30) Cyclohexane	5.391	56	404174	23.899	ug/L	97
31) Carbon tetrachloride	5.530	117	355497	20.198	ug/L	98
33) Benzene	5.777	78	1041210	20.769	ug/L	100
34) Trichloroethene	6.542	95	277557	21.505	ug/L	98
35) Methylcyclohexane	6.764	83	452772	24.805	ug/L	98
37) 1,2-Dichloropropane	6.793	63	265100	20.185	ug/L	100
38) Bromodichloromethane	7.108	83	347847	20.190	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	418224	23.625	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1893498	258.994	ug/L	100
42) Toluene	7.970	91	1146674	22.251	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	378187	24.128	ug/L	97

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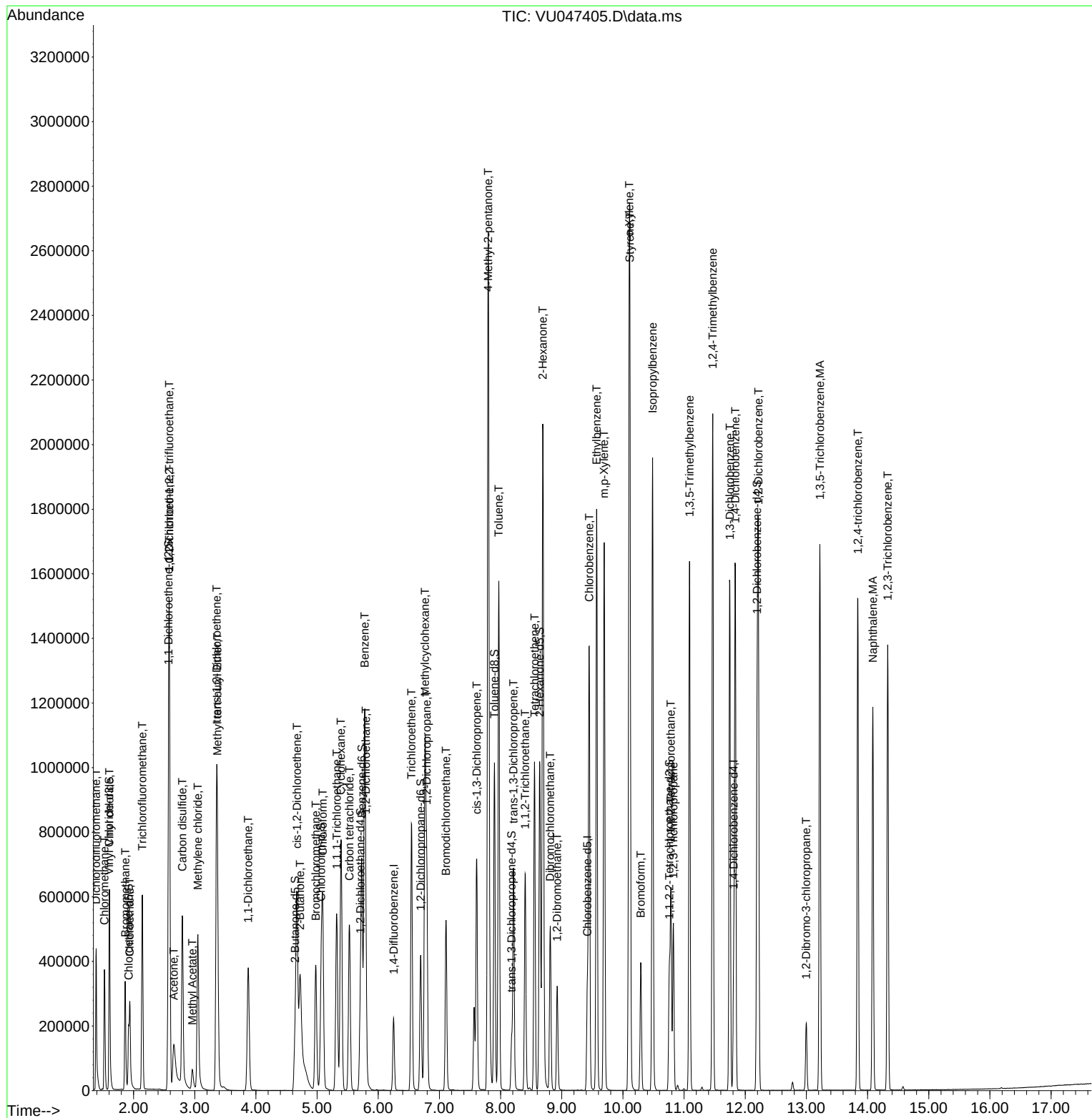
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	216799	21.829	ug/L	99
47) Tetrachloroethene	8.555	164	234566	23.131	ug/L	99
48) 2-Hexanone	8.690	43	1379021	251.233	ug/L	99
49) Dibromochloromethane	8.812	129	271778	23.056	ug/L	98
50) 1,2-Dibromoethane	8.925	107	216841	23.060	ug/L	99
51) Chlorobenzene	9.449	112	757261	22.024	ug/L	100
52) Ethylbenzene	9.571	91	1263005	23.716	ug/L	99
53) m,p-Xylene	9.693	106	498230	24.133	ug/L	99
54) o-Xylene	10.102	106	484984	25.211	ug/L	100
55) Styrene	10.115	104	854729	25.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	303116	23.329	ug/L	99
59) Bromoform	10.291	173	181689	25.579	ug/L	99
60) Isopropylbenzene	10.484	105	1290603	24.037	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	212104	21.354	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	876718	21.656	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1146135	26.528	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	666600	23.166	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	672440	22.833	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	638928	23.049	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	49737	23.307	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	557765	25.047	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	497466	26.723	ug/L	100
71) Naphthalene	14.086	128	936798	28.861	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	448635	25.704	ug/L	100

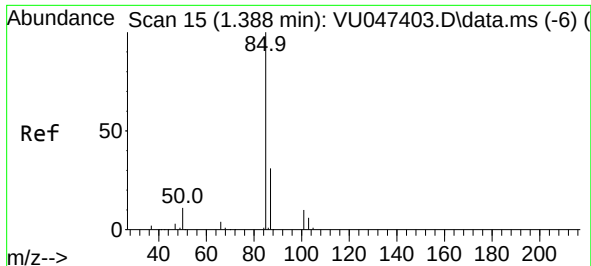
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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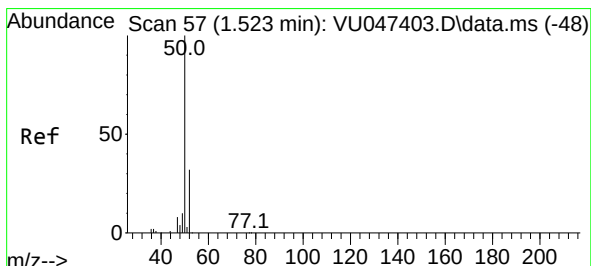
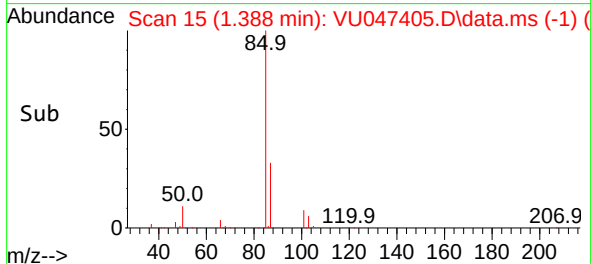
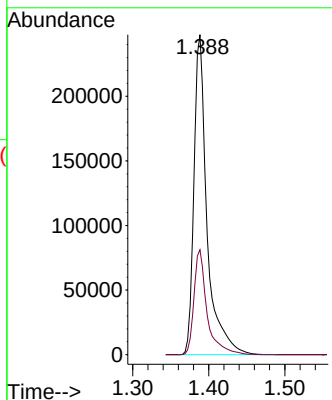
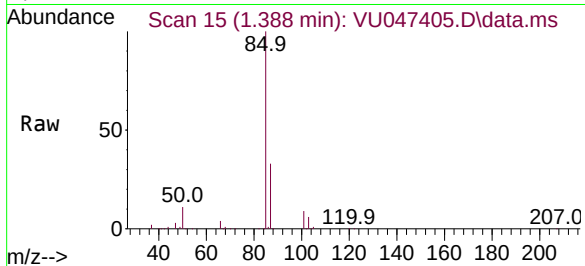




#2
 Dichlorodifluoromethane
 Concen: 17.831 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

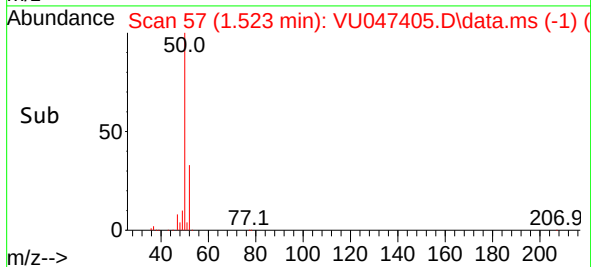
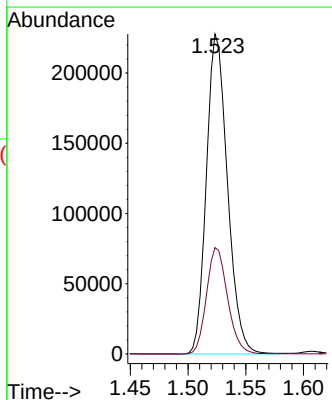
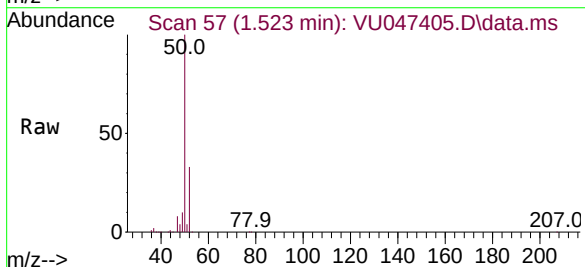
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

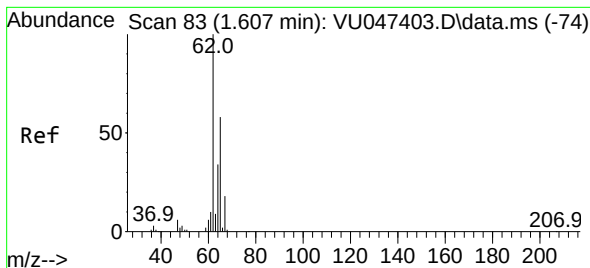
Tgt Ion: 85 Resp: 295592
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 14.567 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

Tgt Ion: 50 Resp: 289196
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.9





#5

Vinyl chloride

Concen: 14.841 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

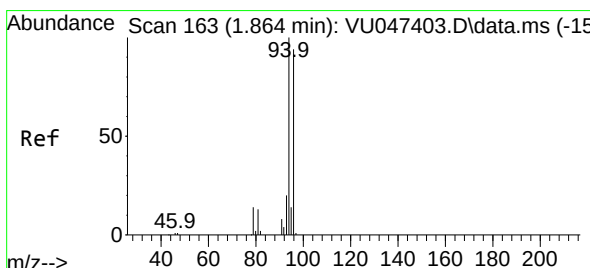
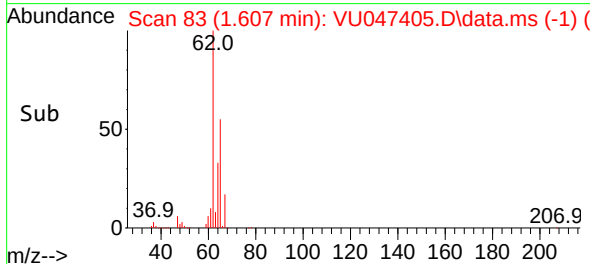
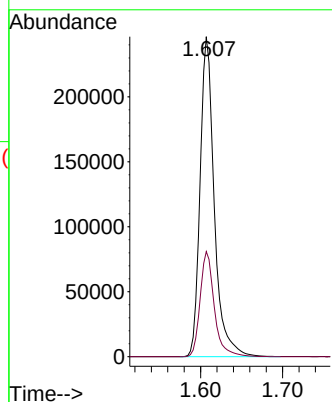
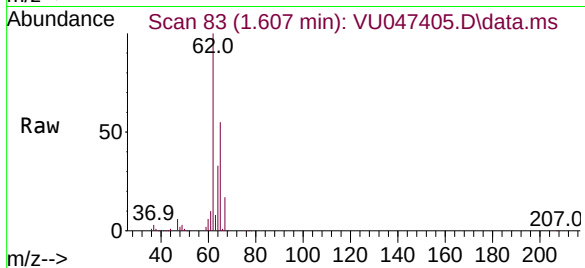
VSTD020017

Tgt Ion: 62 Resp: 295328

Ion Ratio Lower Upper

62 100

64 32.9 23.7 43.9



#6

Bromomethane

Concen: 15.153 ug/L

RT: 1.864 min Scan# 163

Delta R.T. -0.000 min

Lab File: VU047405.D

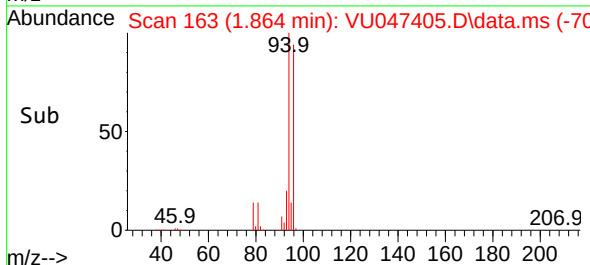
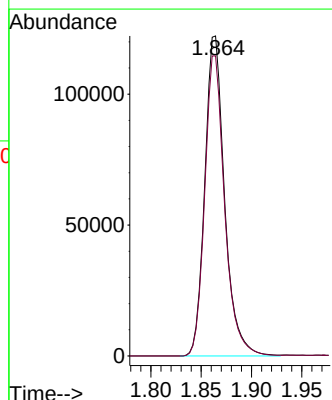
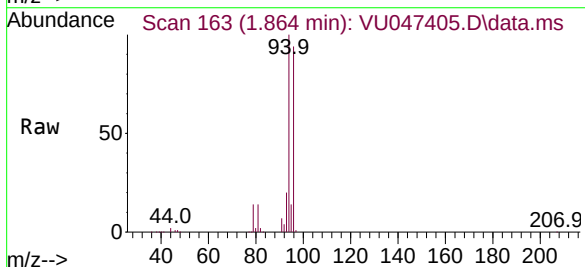
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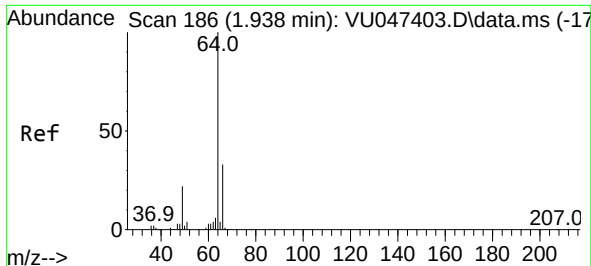
Tgt Ion: 94 Resp: 167561

Ion Ratio Lower Upper

94 100

96 93.8 65.6 121.8





#8

Chloroethane

Concen: 14.942 ug/L

RT: 1.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

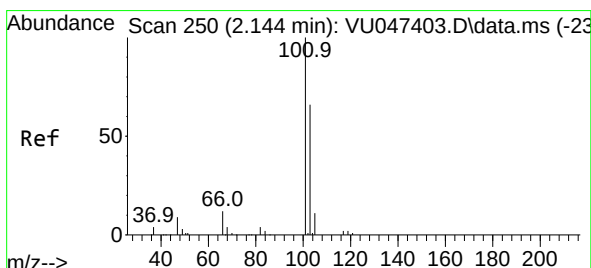
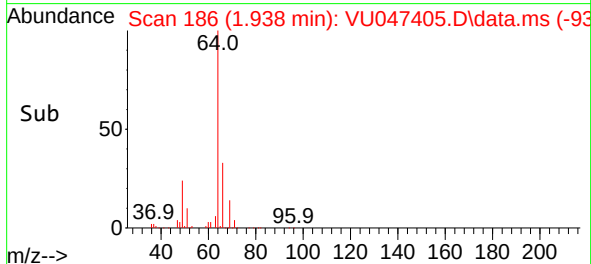
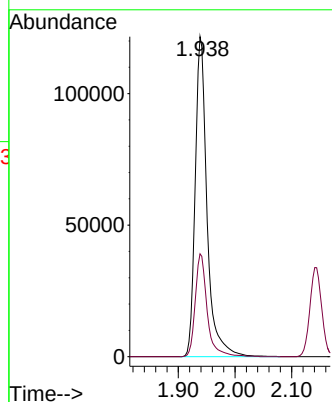
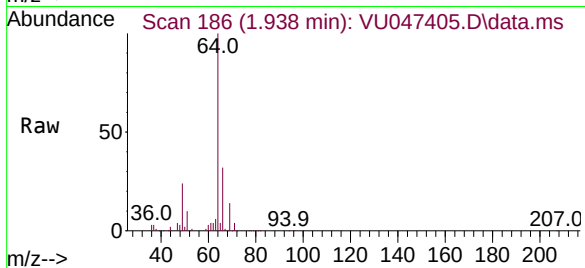
VSTD020017

Tgt Ion: 64 Resp: 176441

Ion Ratio Lower Upper

64 100

66 32.1 22.9 42.5



#9

Trichlorofluoromethane

Concen: 15.197 ug/L

RT: 2.144 min Scan# 250

Delta R.T. -0.000 min

Lab File: VU047405.D

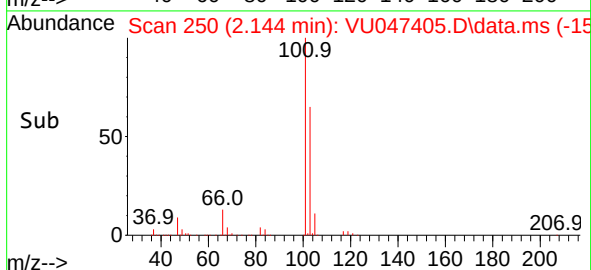
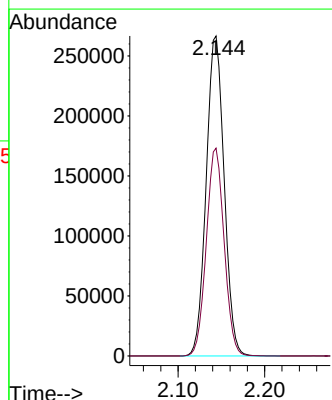
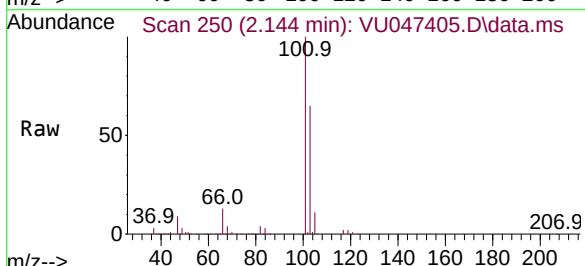
Acq: 09 Mar 2022 14:49

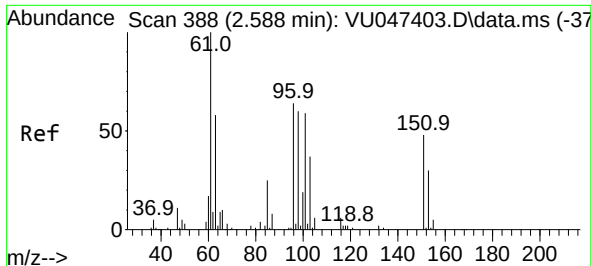
Tgt Ion:101 Resp: 383616

Ion Ratio Lower Upper

101 100

103 64.5 51.8 77.8





#10

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

Concen: 16.184 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

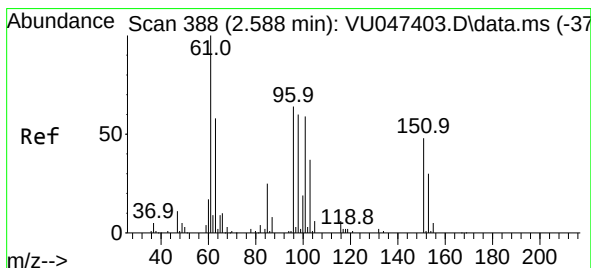
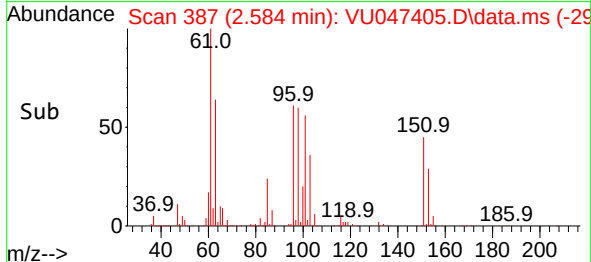
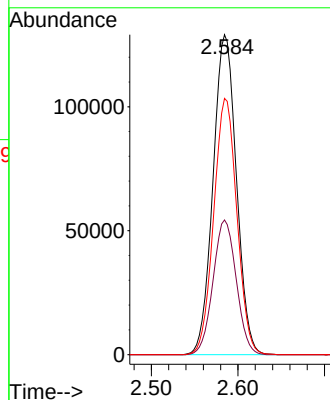
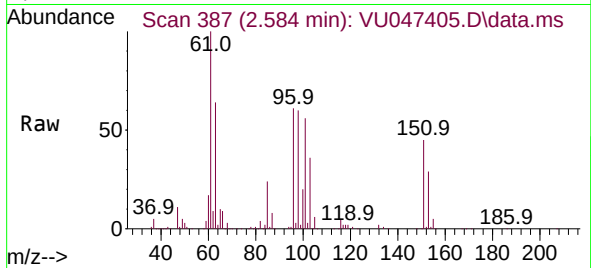
Tgt Ion:101 Resp: 242335

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.6

151 79.3 64.8 97.2



#12

1,1-Dichloroethene

Concen: 17.325 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

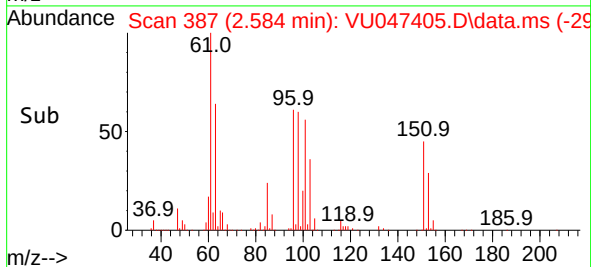
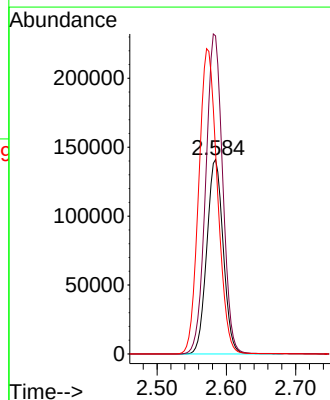
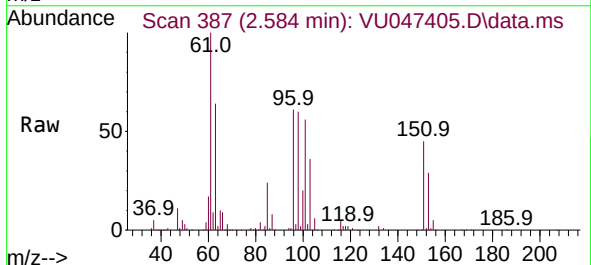
Tgt Ion: 96 Resp: 231617

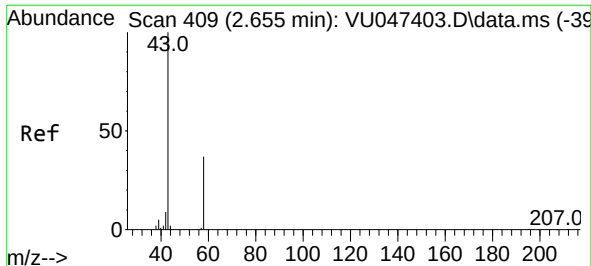
Ion Ratio Lower Upper

96 100

61 163.6 108.8 202.0

63 104.1 64.0 119.0

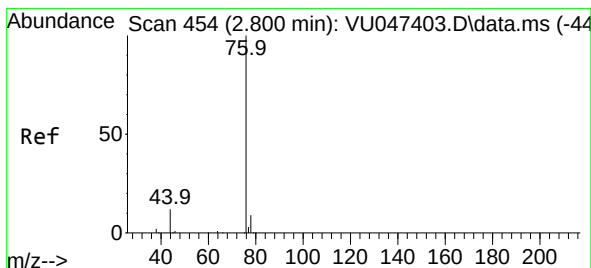
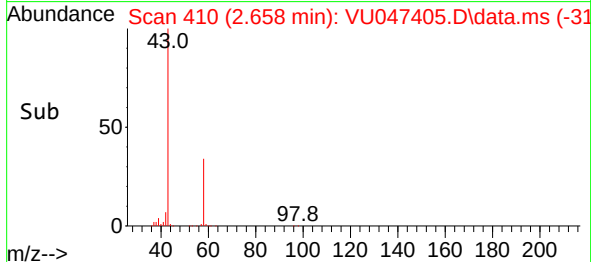
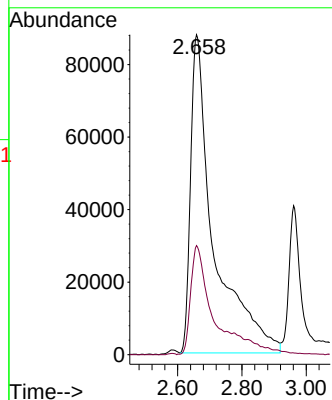
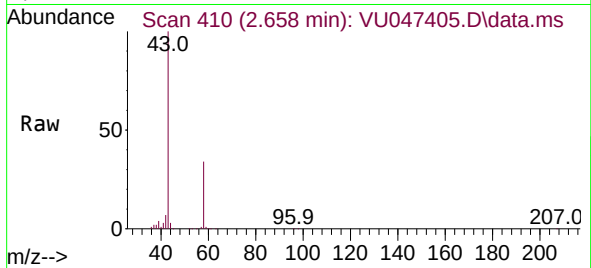




#13
Acetone
Concen: 172.494 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

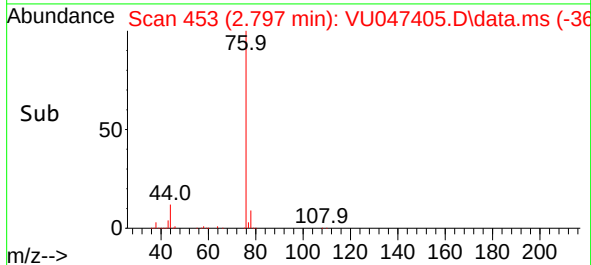
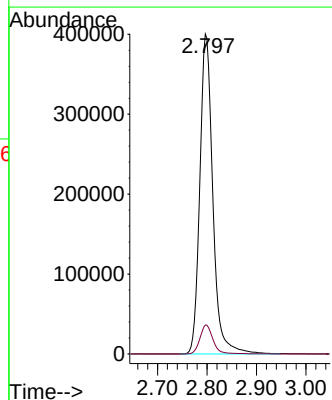
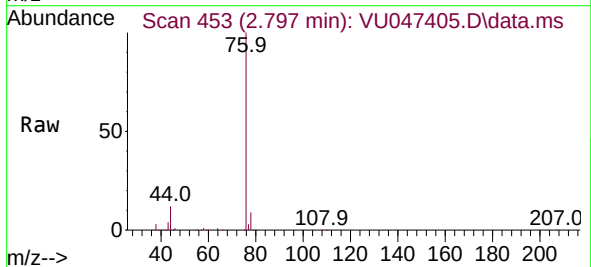
Instrument :
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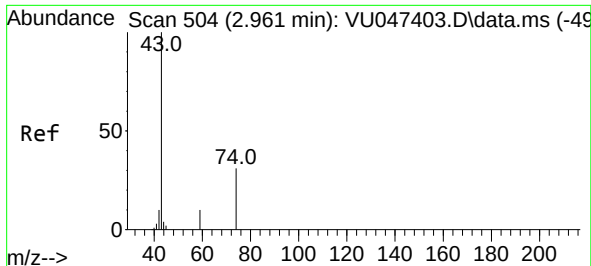
Tgt Ion: 43 Resp: 437804
Ion Ratio Lower Upper
43 100
58 26.2 0.0 72.6



#14
Carbon disulfide
Concen: 17.394 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 76 Resp: 733986
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

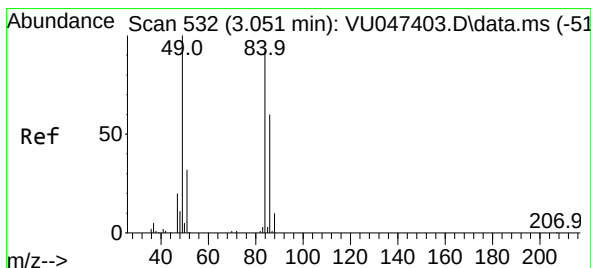
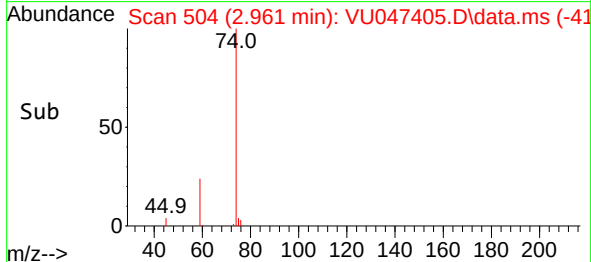
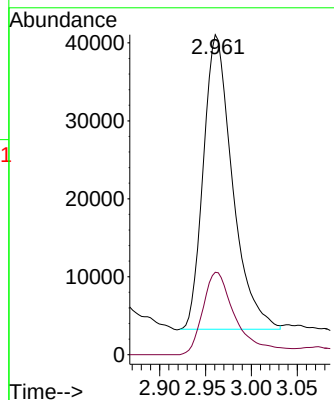
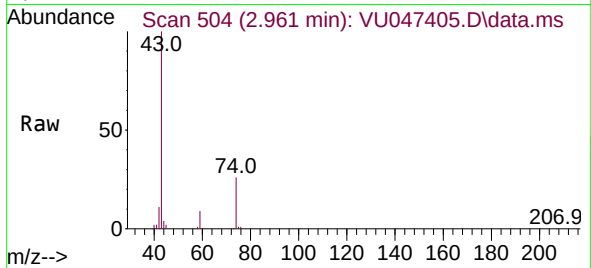




#15
Methyl Acetate
Concen: 14.898 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

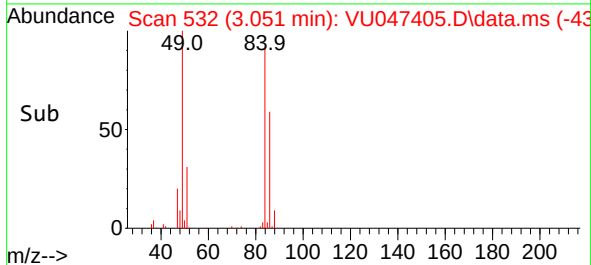
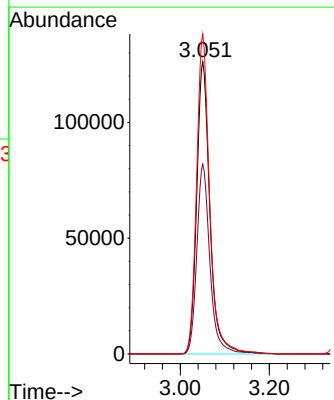
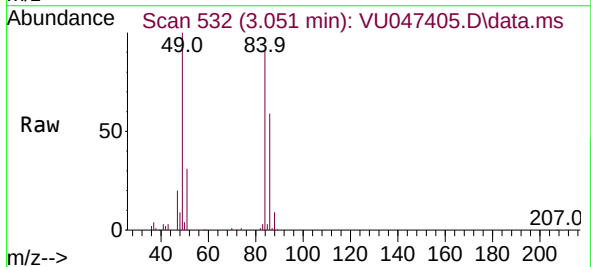
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

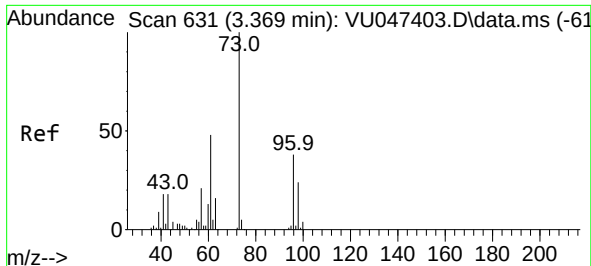
Tgt Ion: 43 Resp: 83254
Ion Ratio Lower Upper
43 100
74 32.5 20.2 30.2#



#16
Methylene chloride
Concen: 15.396 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 84 Resp: 260865
Ion Ratio Lower Upper
84 100
86 65.0 45.9 85.3
49 109.5 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 20.308 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

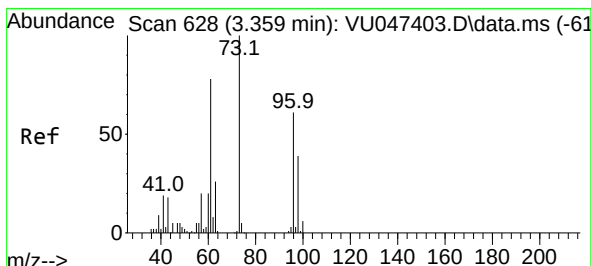
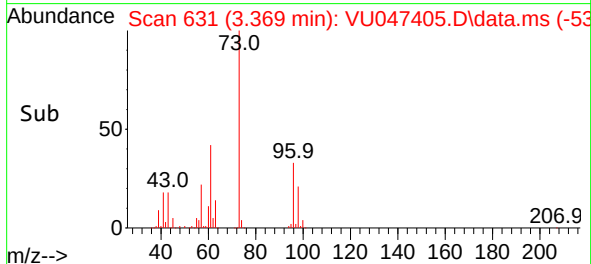
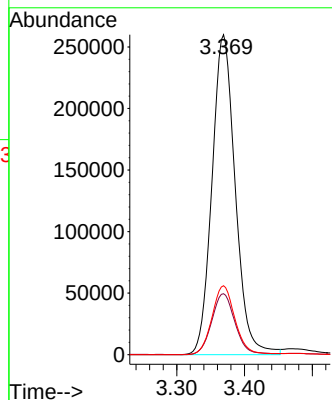
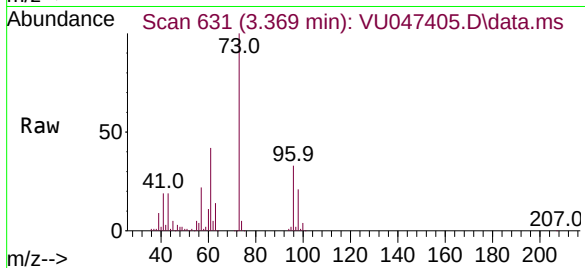
Tgt Ion: 73 Resp: 620302

Ion Ratio Lower Upper

73 100

43 19.1 14.6 22.0

57 21.3 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 17.695 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

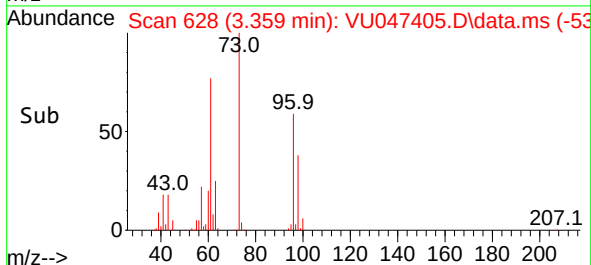
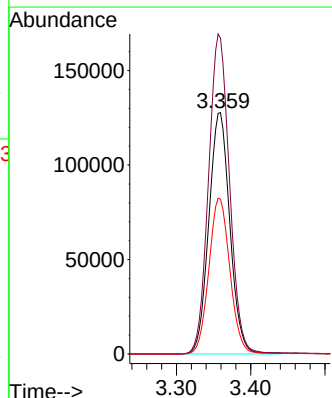
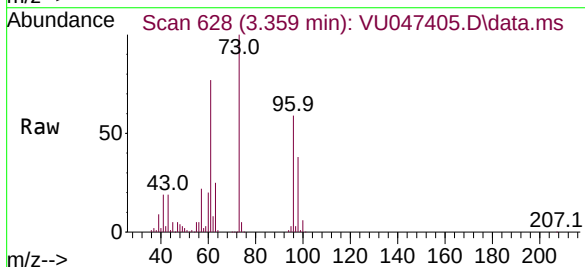
Tgt Ion: 96 Resp: 251365

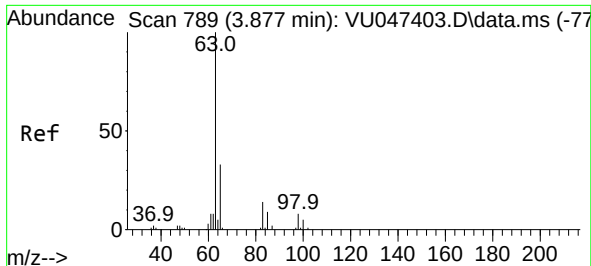
Ion Ratio Lower Upper

96 100

61 130.8 90.4 167.8

98 64.1 45.0 83.6





#19

1,1-Dichloroethane

Concen: 16.868 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

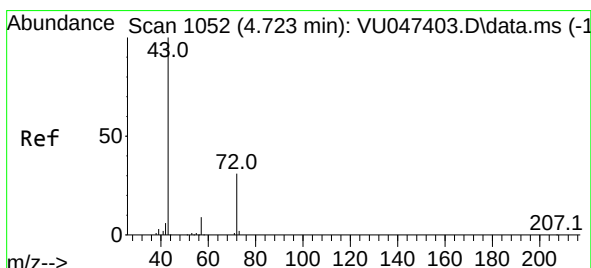
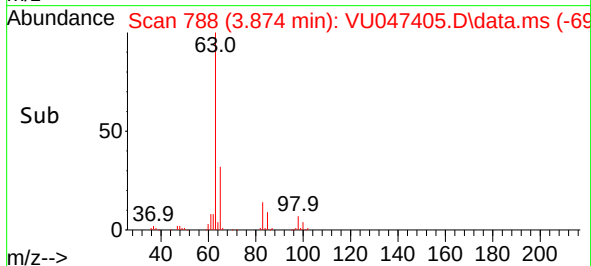
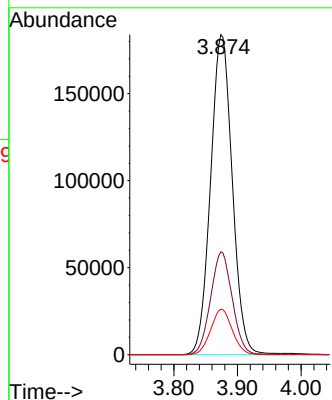
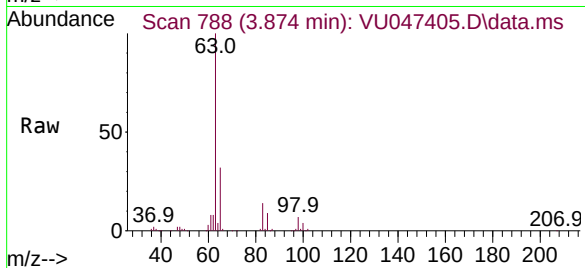
Tgt Ion: 63 Resp: 435121

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 14.2 9.9 18.3



#21

2-Butanone

Concen: 206.420 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU047405.D

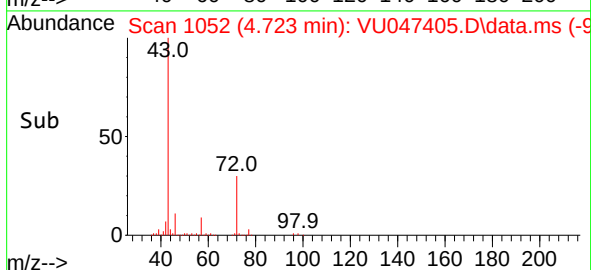
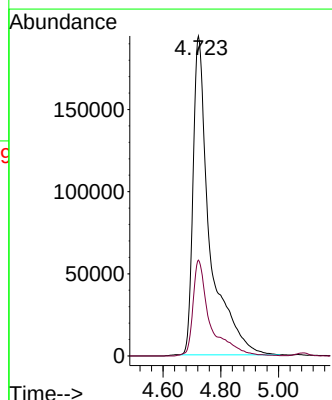
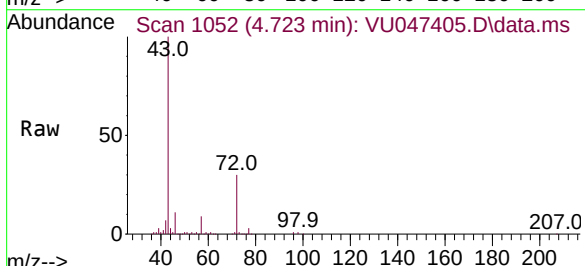
Acq: 09 Mar 2022 14:49

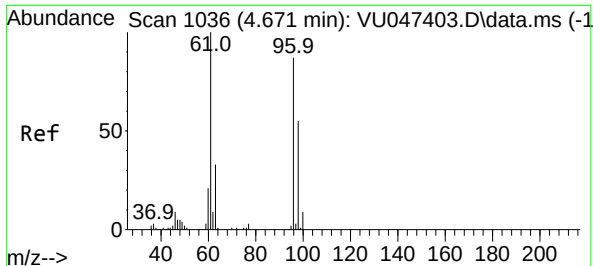
Tgt Ion: 43 Resp: 778954

Ion Ratio Lower Upper

43 100

72 30.7 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 19.013 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

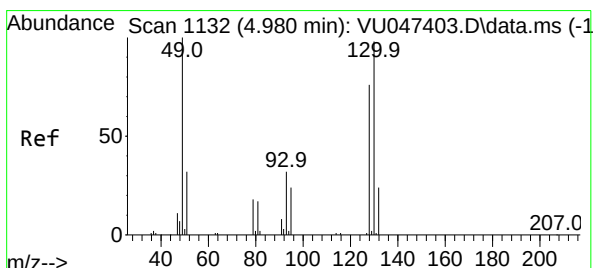
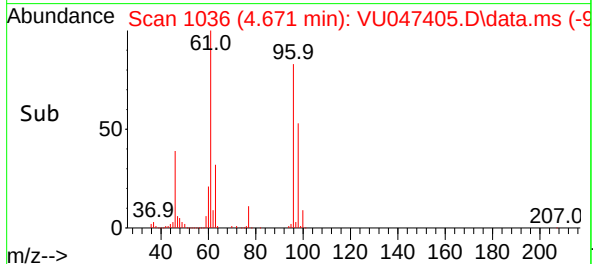
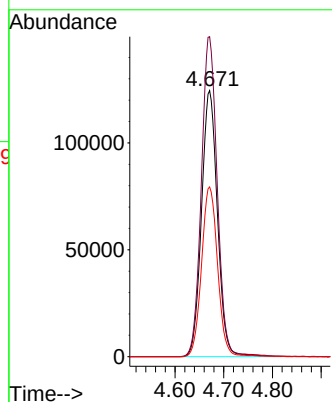
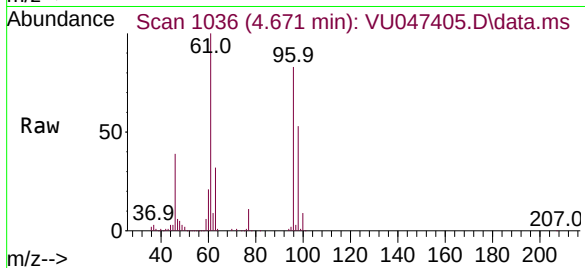
Tgt Ion: 96 Resp: 282763

Ion Ratio Lower Upper

96 100

61 120.3 80.8 150.0

98 63.8 44.7 83.1



#23

Bromochloromethane

Concen: 18.972 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Tgt Ion: 128 Resp: 137426

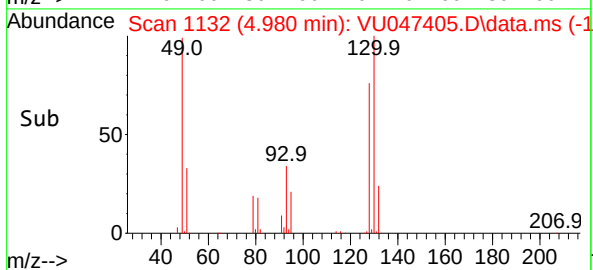
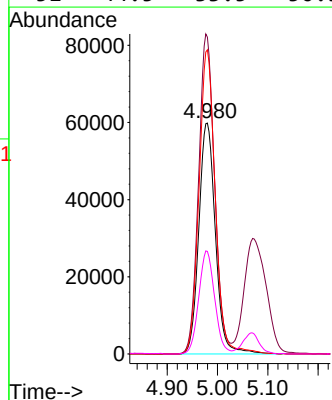
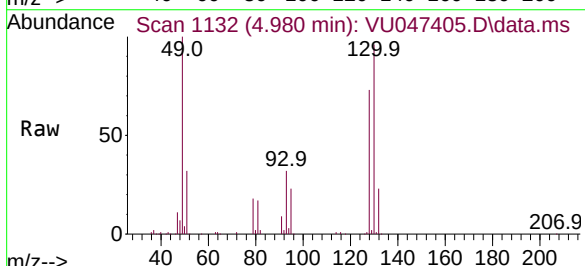
Ion Ratio Lower Upper

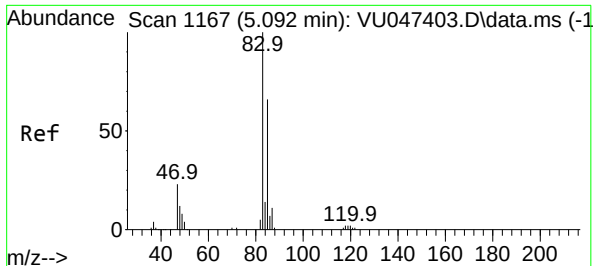
128 100

49 137.2 91.6 170.2

130 131.7 89.6 166.4

51 44.5 33.5 50.3

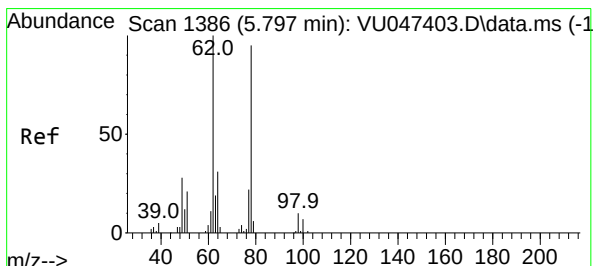
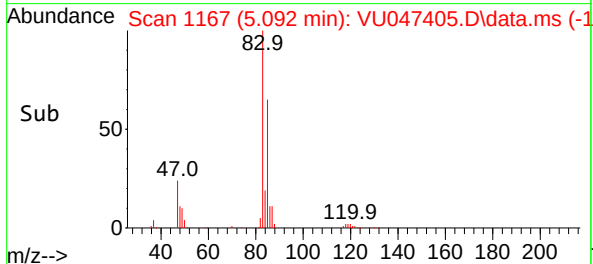
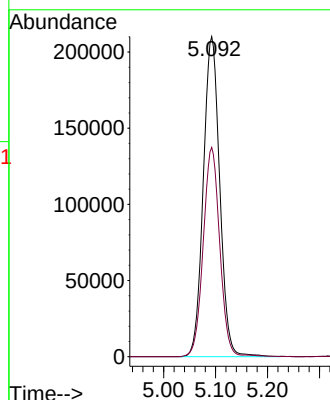
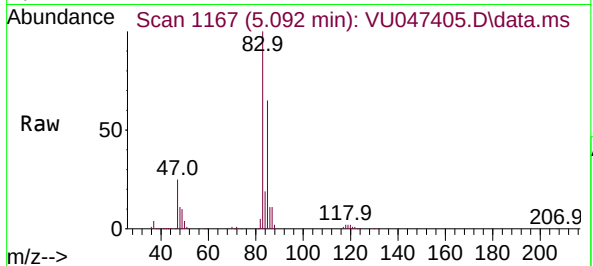




#25
Chloroform
Concen: 15.640 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

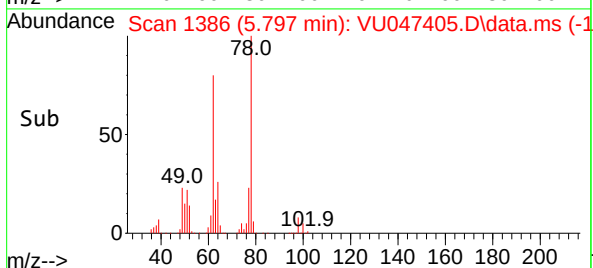
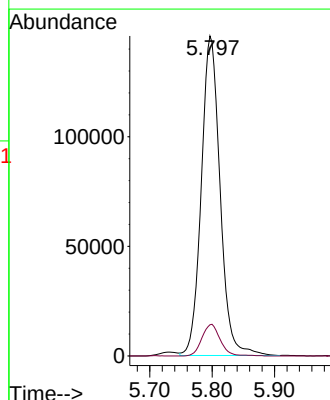
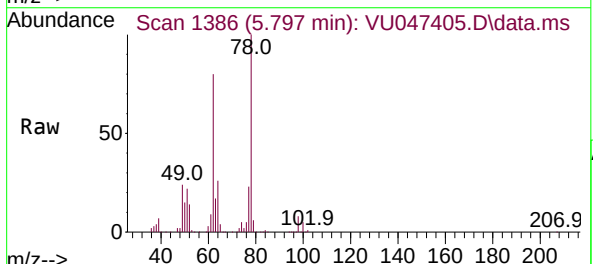
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

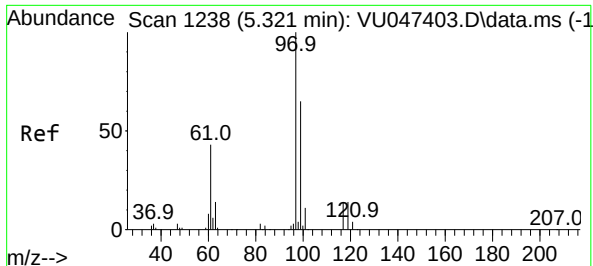
Tgt Ion: 83 Resp: 460994
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8



#27
1,2-Dichloroethane
Concen: 17.979 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 62 Resp: 305539
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 19.787 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

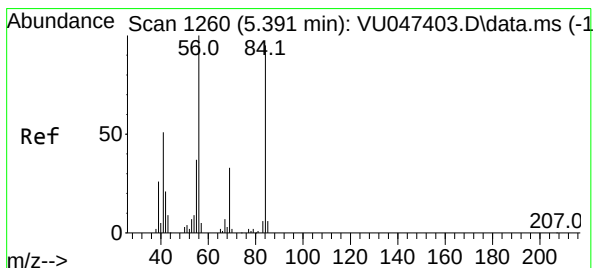
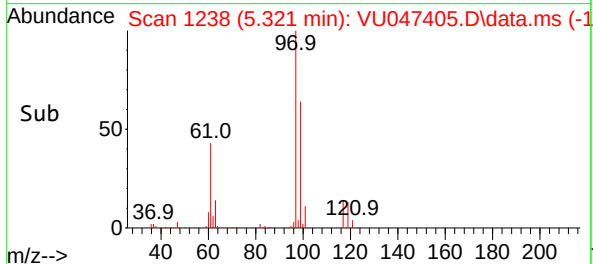
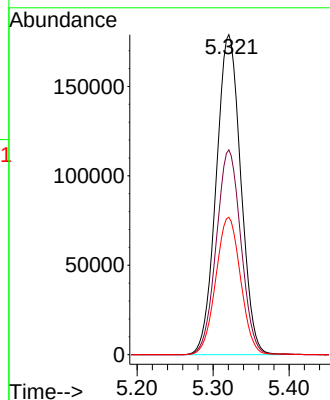
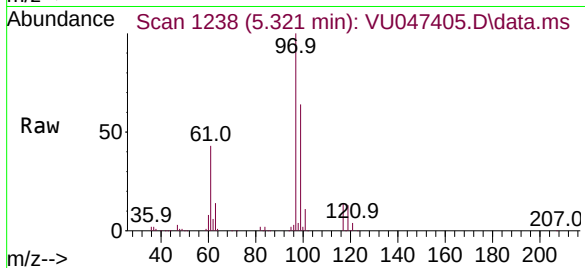
Tgt Ion: 97 Resp: 402371

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 43.3 33.8 50.6



#30

Cyclohexane

Concen: 23.899 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

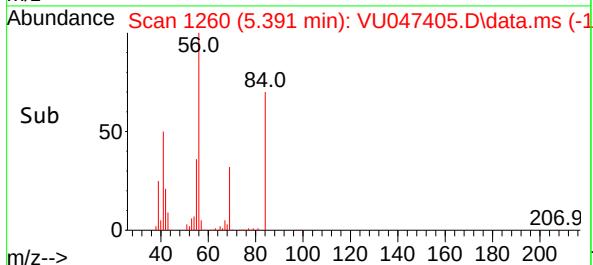
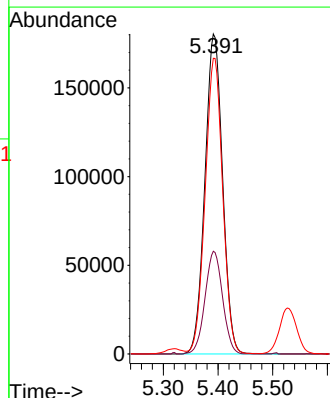
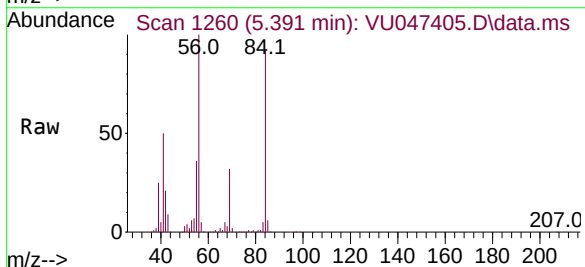
Tgt Ion: 56 Resp: 404174

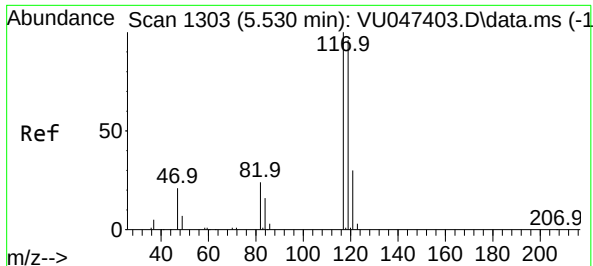
Ion Ratio Lower Upper

56 100

69 31.9 26.0 39.0

84 92.0 76.3 114.5

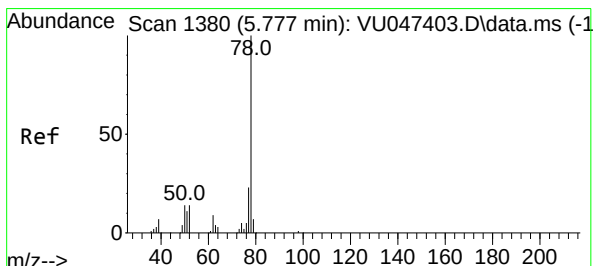
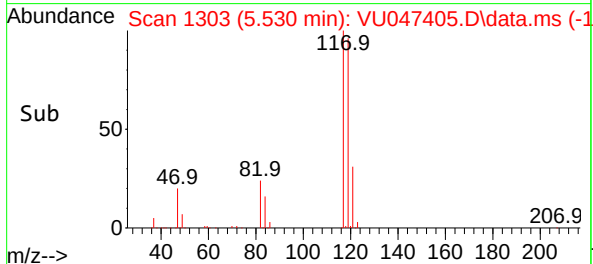
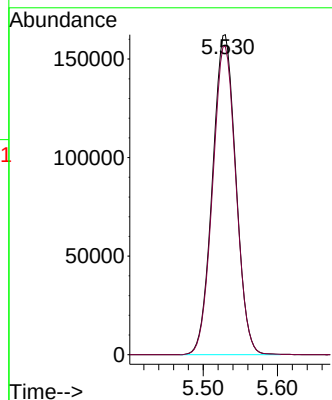
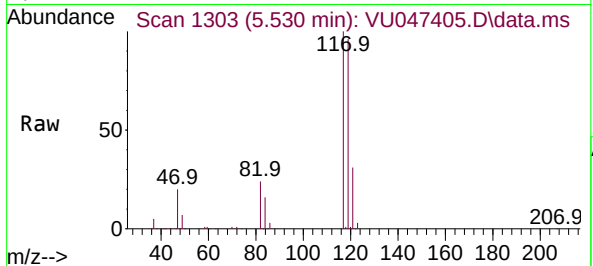




#31
Carbon tetrachloride
Concen: 20.198 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

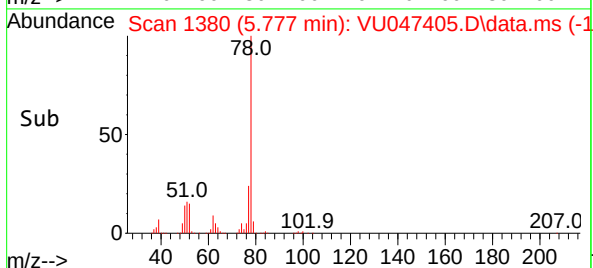
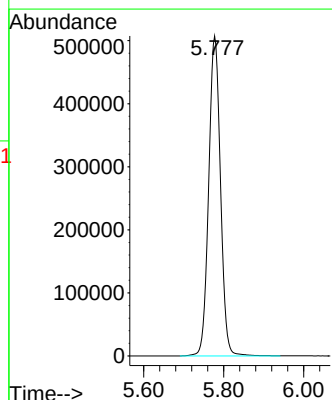
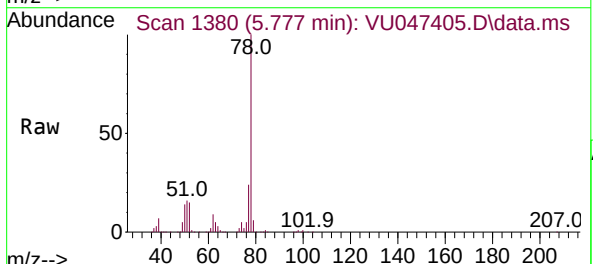
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

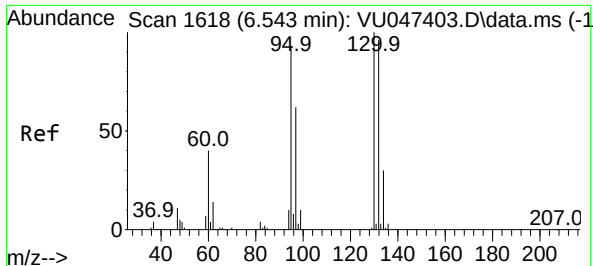
Tgt Ion:117 Resp: 355497
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8



#33
Benzene
Concen: 20.769 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 78 Resp: 1041210

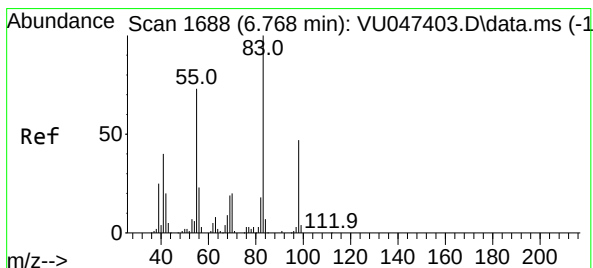
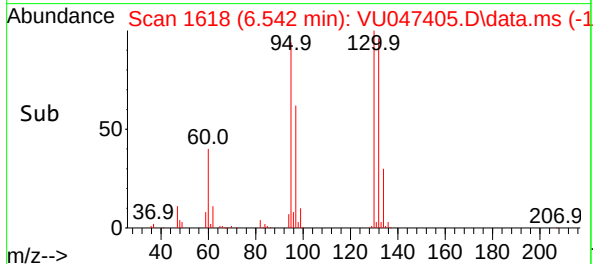
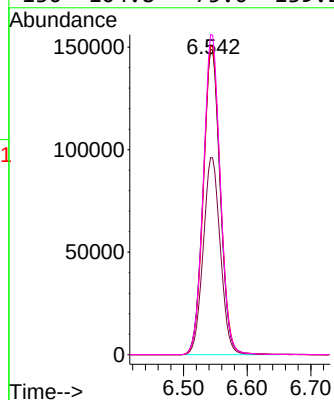
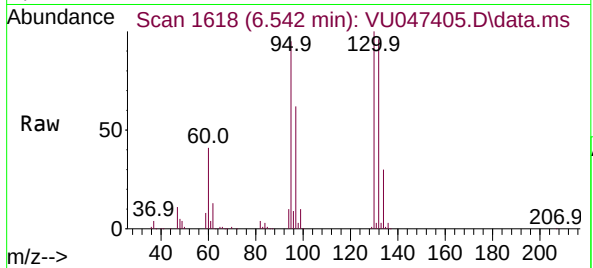




#34
Trichloroethene
Concen: 21.505 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

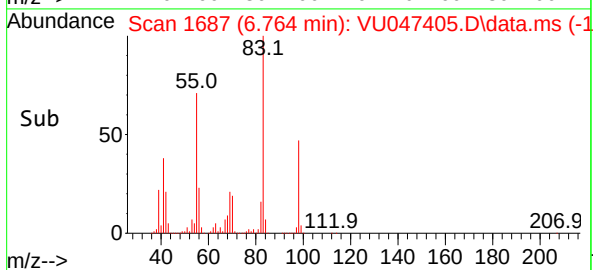
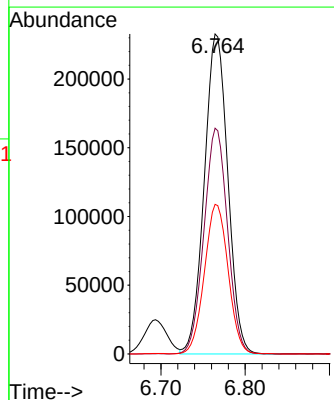
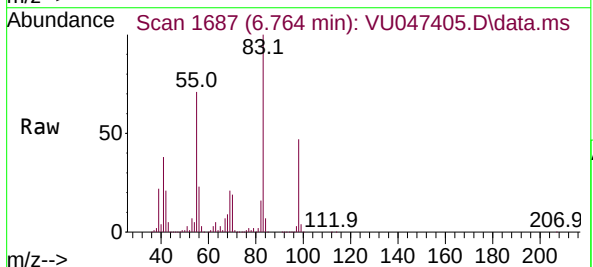
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

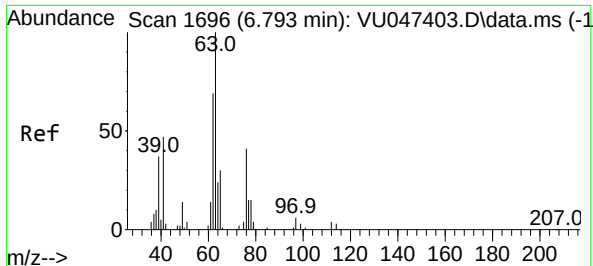
Tgt Ion: 95 Resp: 277557
Ion Ratio Lower Upper
95 100
97 64.5 46.3 85.9
132 101.0 71.7 133.1
130 104.8 75.0 139.2



#35
Methylcyclohexane
Concen: 24.805 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 83 Resp: 452772
Ion Ratio Lower Upper
83 100
55 70.7 57.8 86.8
98 46.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 20.185 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

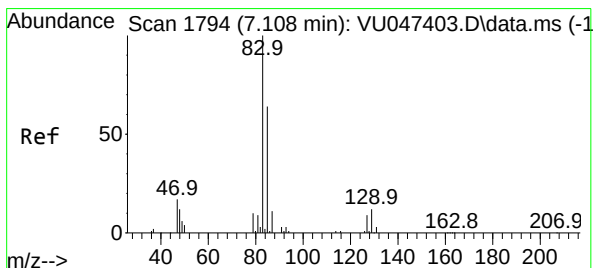
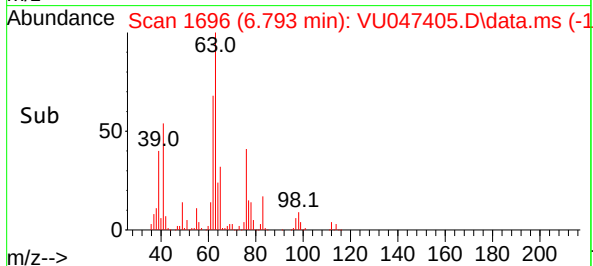
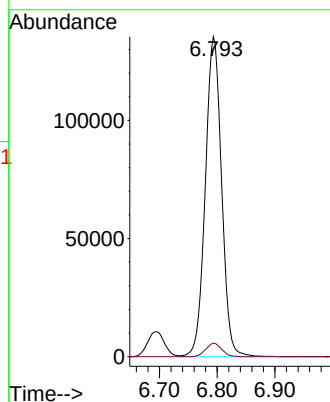
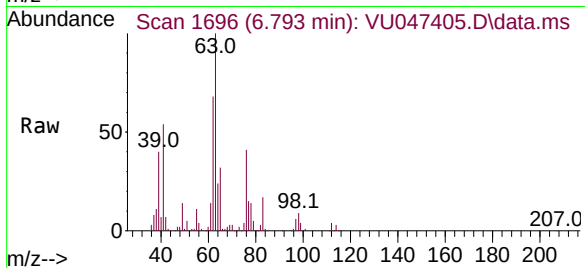
VSTD020017

Tgt Ion: 63 Resp: 265100

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 20.190 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

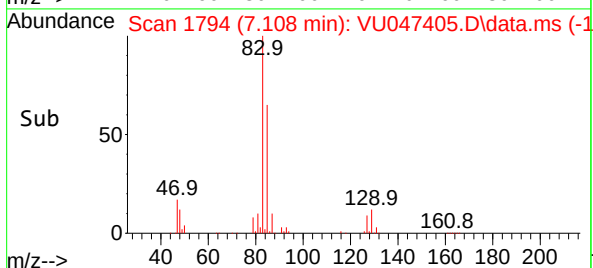
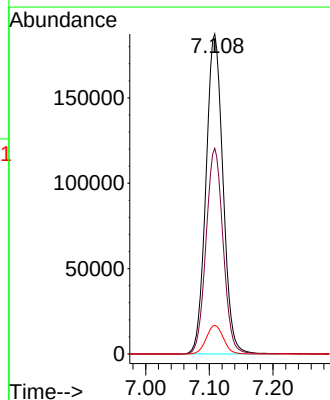
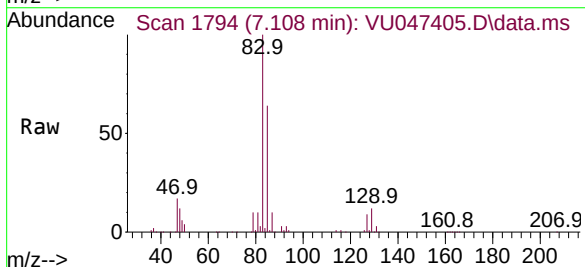
Tgt Ion: 83 Resp: 347847

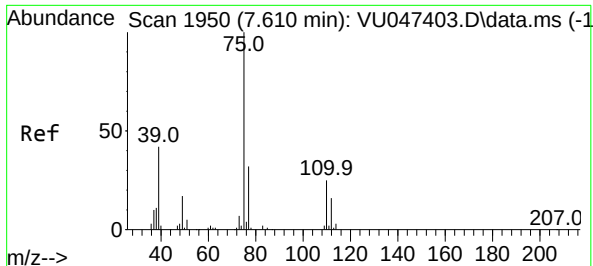
Ion Ratio Lower Upper

83 100

85 64.2 45.0 83.6

127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 23.625 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

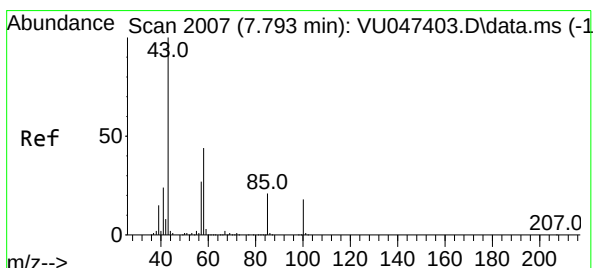
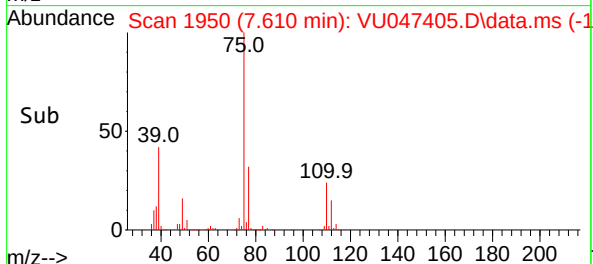
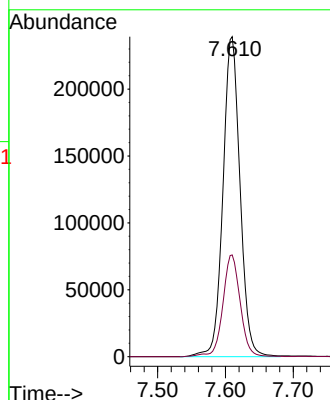
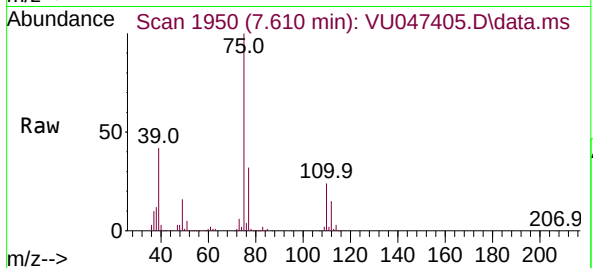
VSTD020017

Tgt Ion: 75 Resp: 418224

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 258.994 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

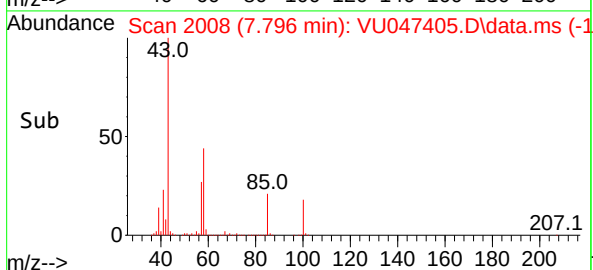
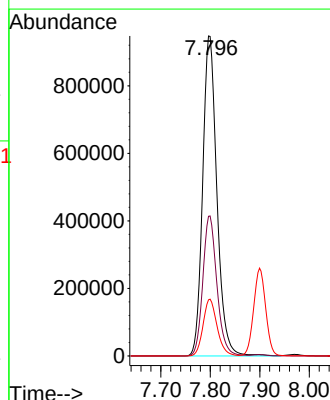
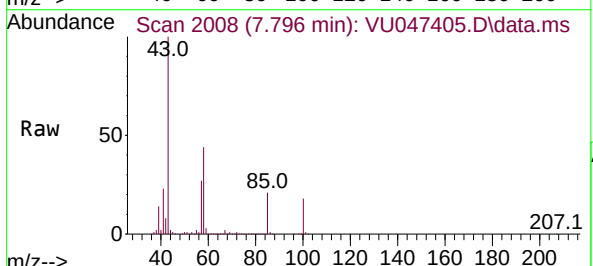
Tgt Ion: 43 Resp: 1893498

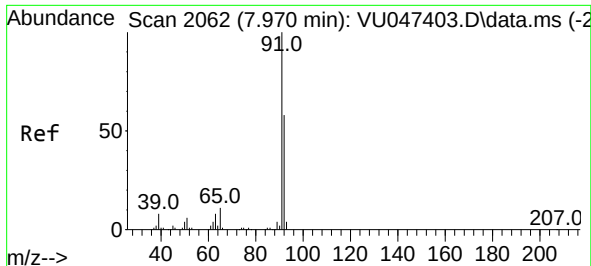
Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2

100 17.5 14.2 21.4





#42

Toluene

Concen: 22.251 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

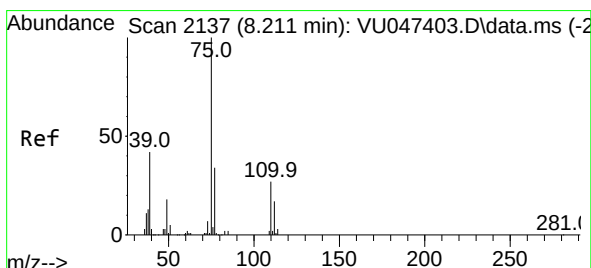
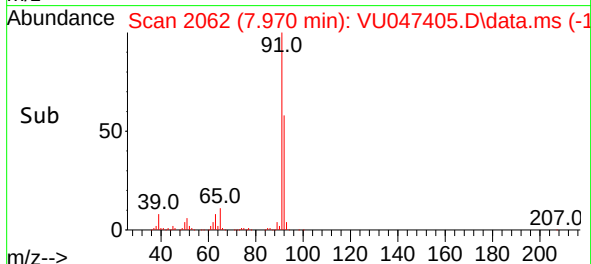
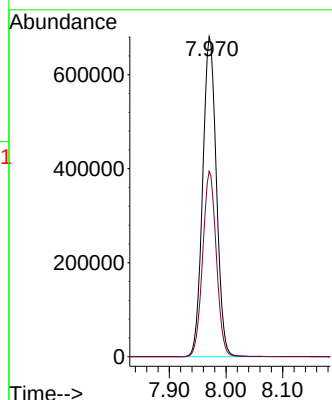
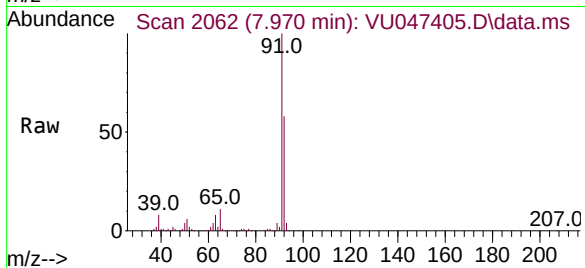
VSTD020017

Tgt Ion: 91 Resp: 1146674

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.128 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047405.D

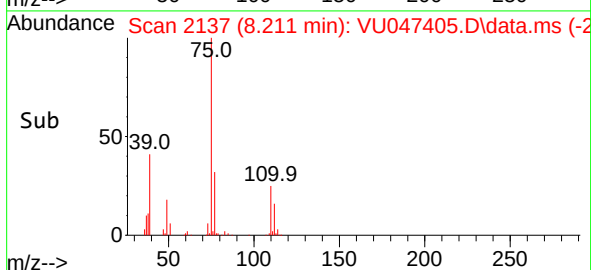
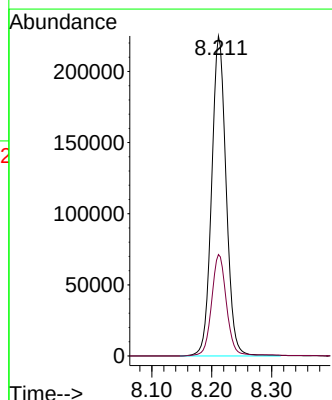
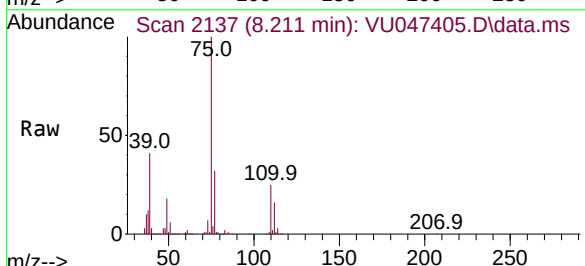
Acq: 09 Mar 2022 14:49

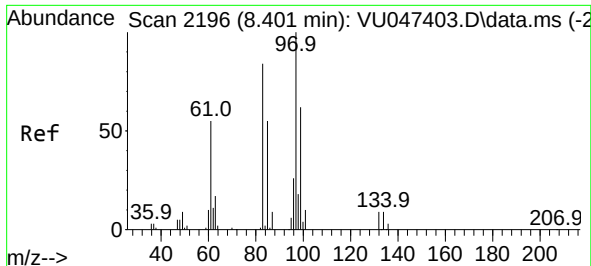
Tgt Ion: 75 Resp: 378187

Ion Ratio Lower Upper

75 100

77 31.7 23.6 43.8



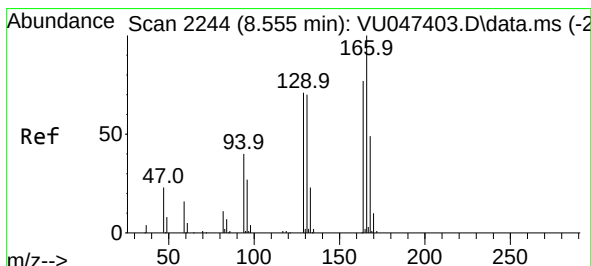
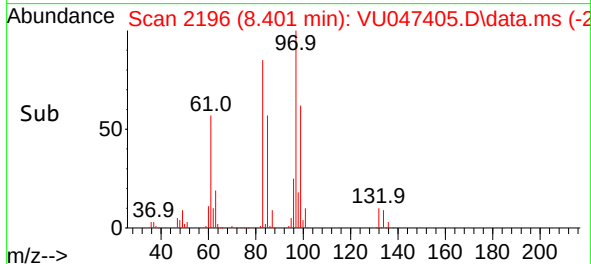
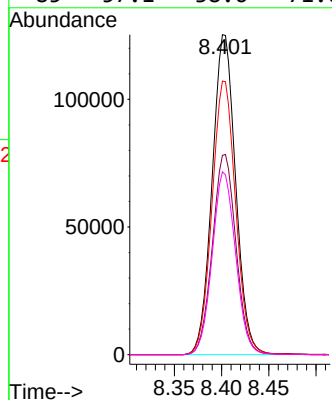
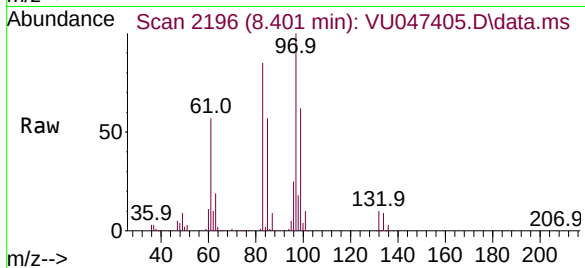


#45
1,1,2-Trichloroethane
Concen: 21.829 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

Tgt Ion: 97 Resp: 216799

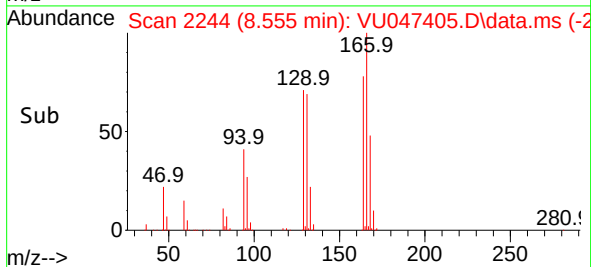
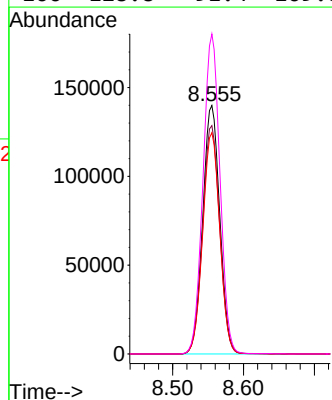
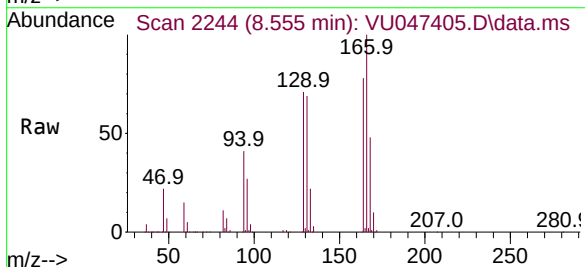
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.5
83	85.5	59.1	109.9
85	57.1	38.6	71.6

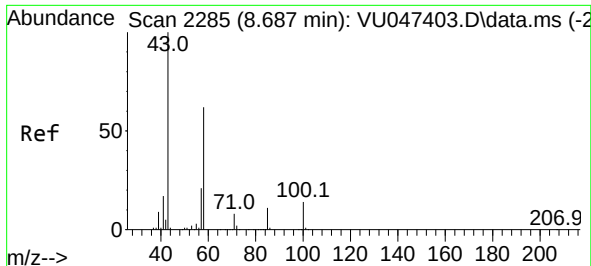


#47
Tetrachloroethene
Concen: 23.131 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 164 Resp: 234566

Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.9	120.5
131	89.0	63.6	118.2
166	128.8	91.4	169.8



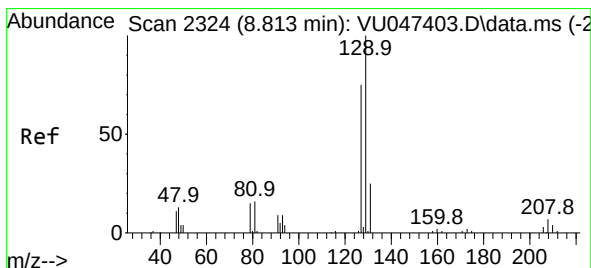
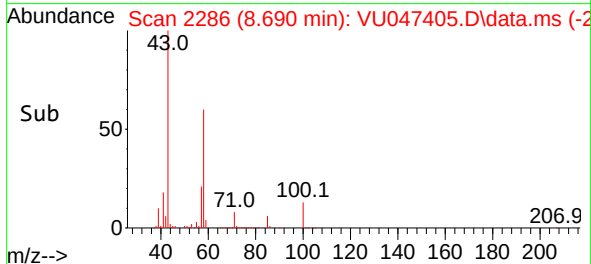
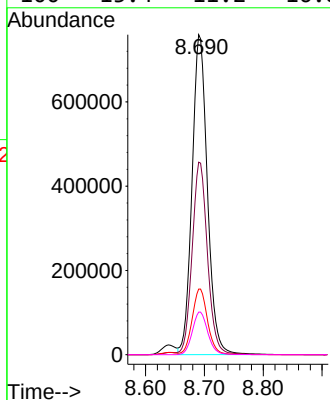
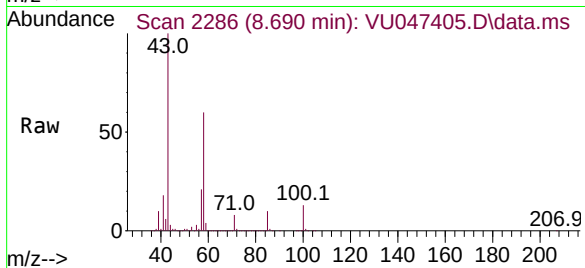


#48
2-Hexanone
Concen: 251.233 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

Tgt Ion: 43 Resp: 1379021

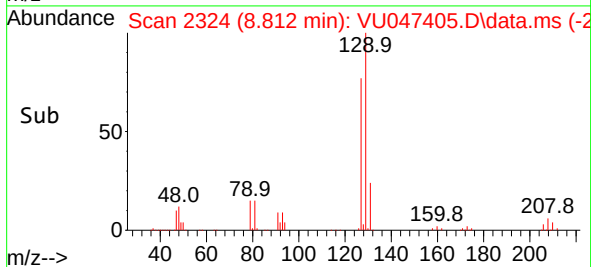
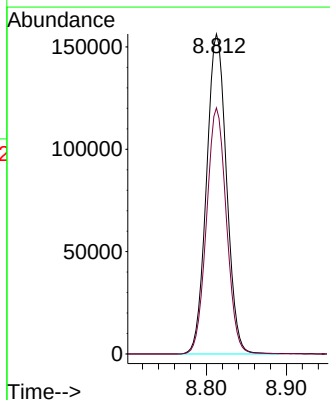
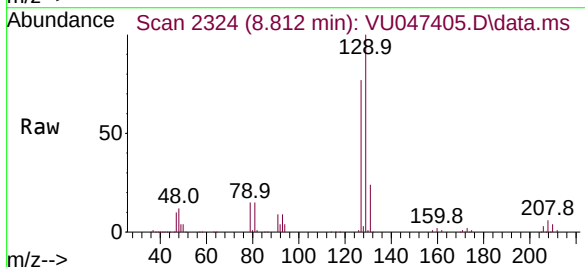
Ion	Ratio	Lower	Upper
43	100		
58	60.1	47.7	71.5
57	20.7	16.6	25.0
100	13.4	11.2	16.8

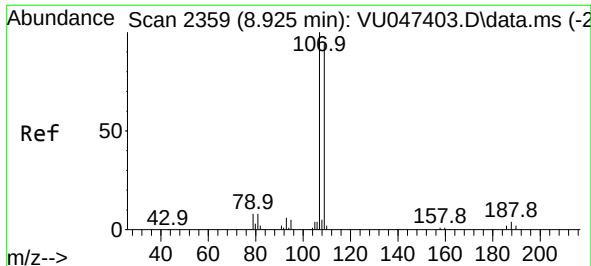


#49
Dibromochloromethane
Concen: 23.056 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 129 Resp: 271778

Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.6	97.8





#50

1,2-Dibromoethane

Concen: 23.060 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

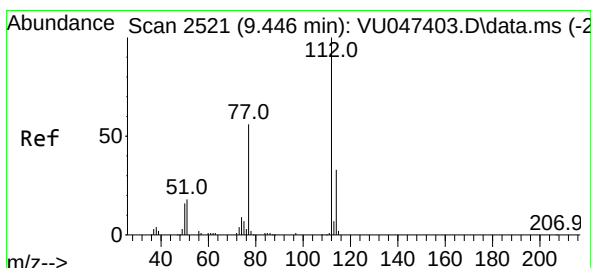
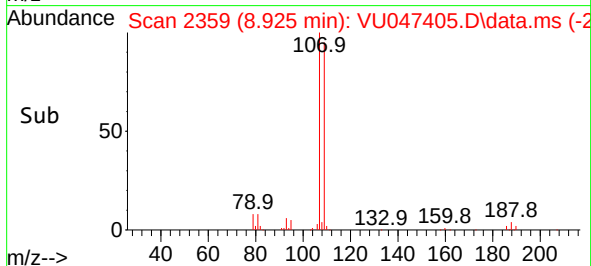
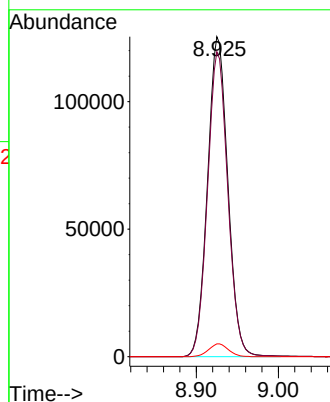
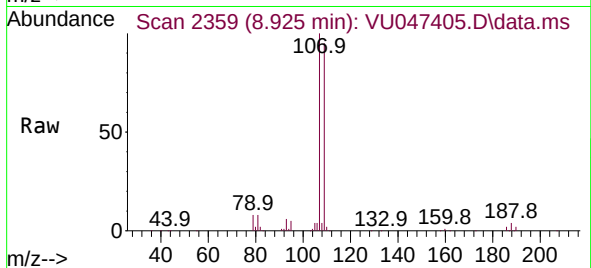
Tgt Ion:107 Resp: 216841

Ion Ratio Lower Upper

107 100

109 95.3 65.8 122.2

188 4.0 3.3 4.9



#51

Chlorobenzene

Concen: 22.024 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

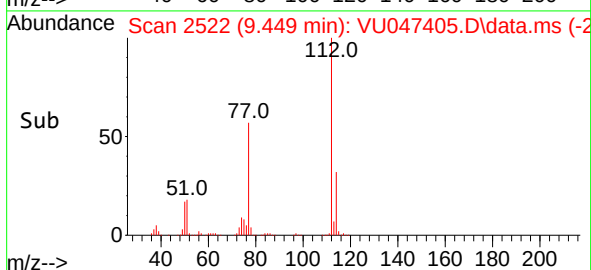
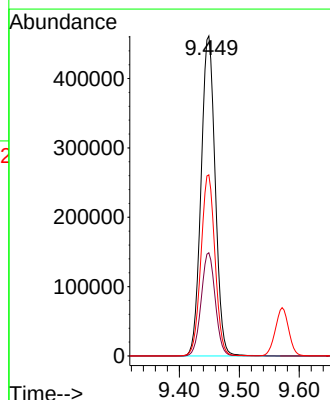
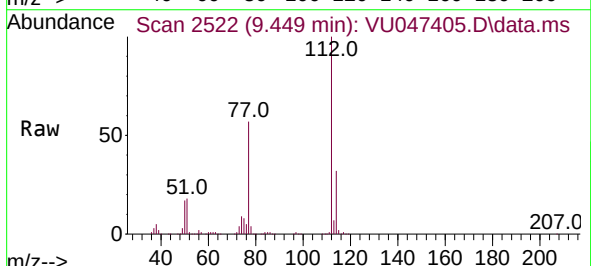
Tgt Ion:112 Resp: 757261

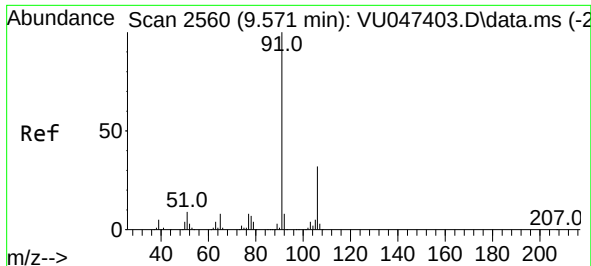
Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 56.6 45.0 67.6

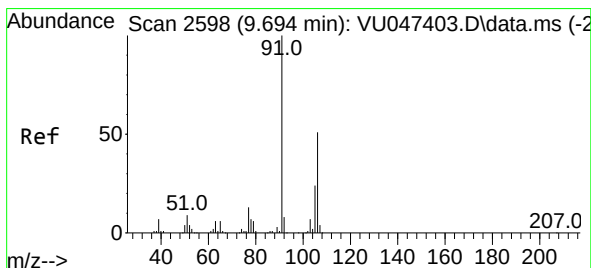
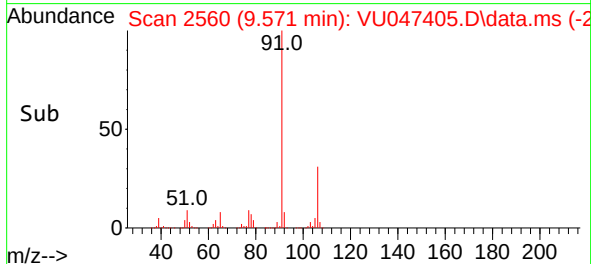
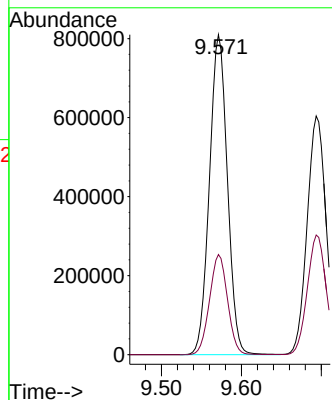
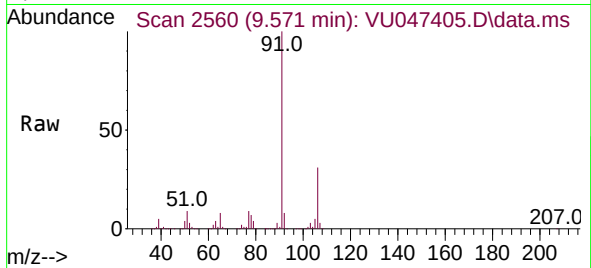




#52
Ethylbenzene
Concen: 23.716 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

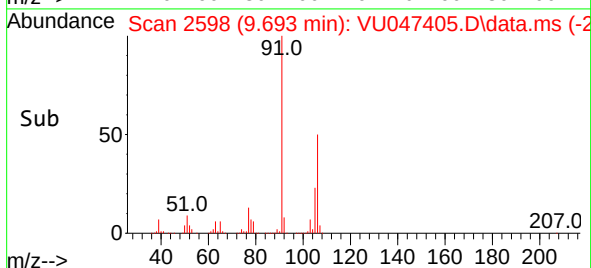
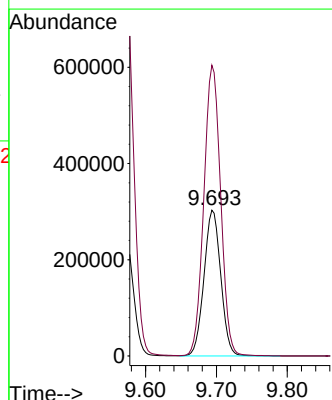
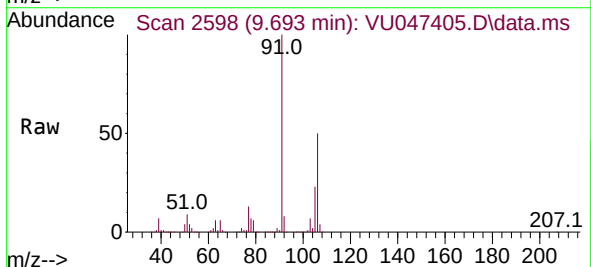
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

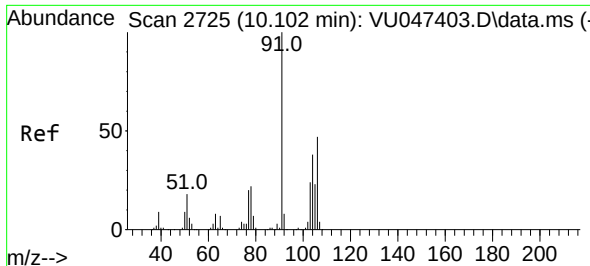
Tgt Ion: 91 Resp: 1263005
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 24.133 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 106 Resp: 498230
Ion Ratio Lower Upper
106 100
91 199.4 138.8 257.8

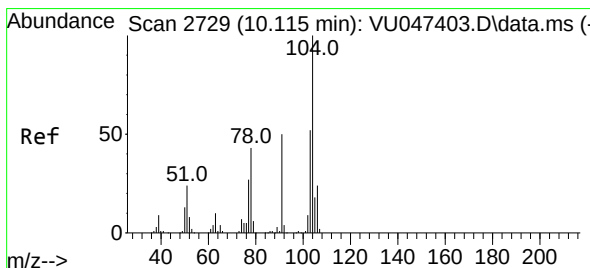
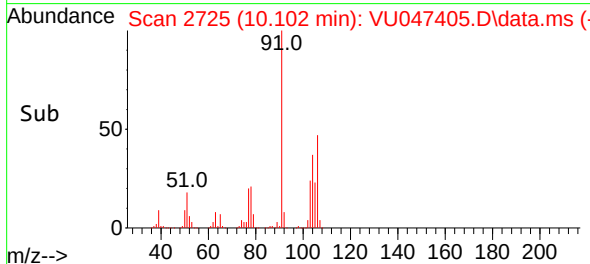
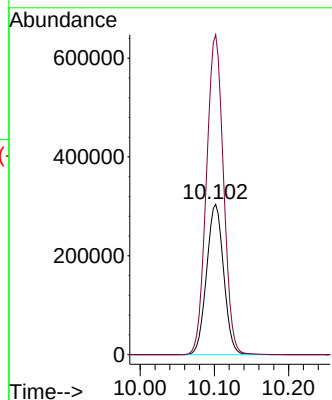
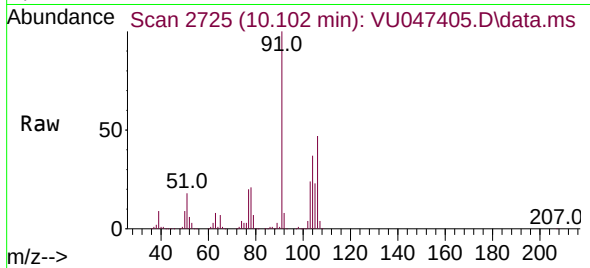




#54
o-Xylene
Concen: 25.211 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

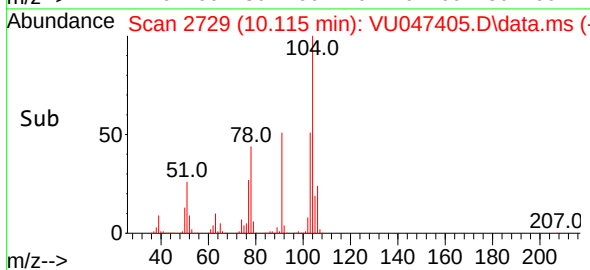
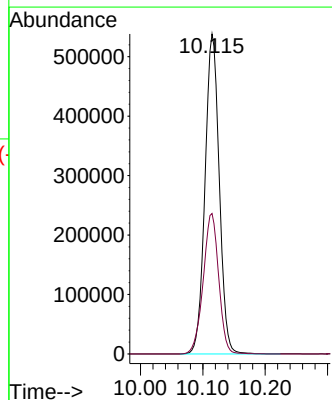
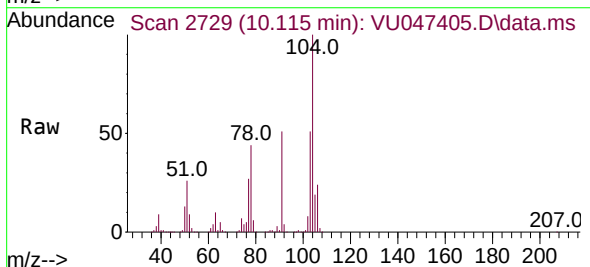
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

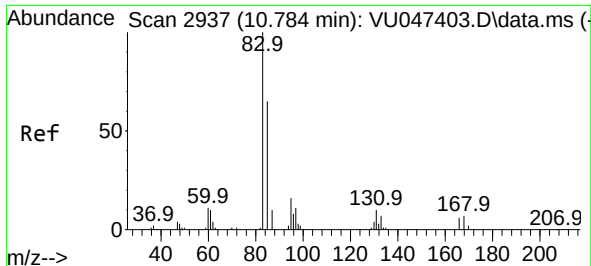
Tgt Ion:106 Resp: 484984
Ion Ratio Lower Upper
106 100
91 212.7 149.2 277.0



#55
Styrene
Concen: 25.400 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion:104 Resp: 854729
Ion Ratio Lower Upper
104 100
78 43.9 30.4 56.4

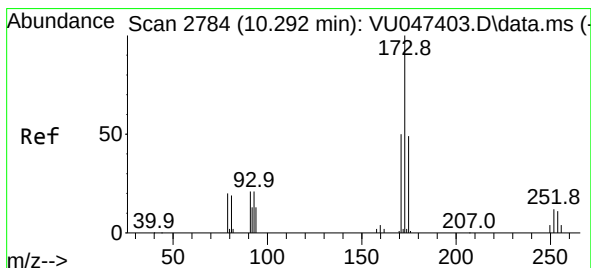
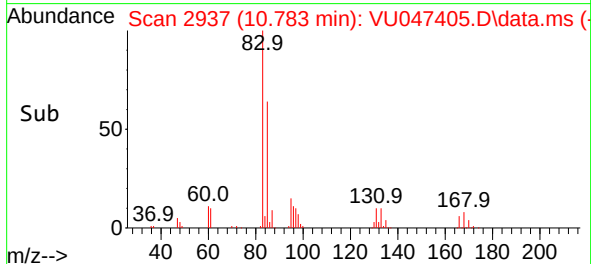
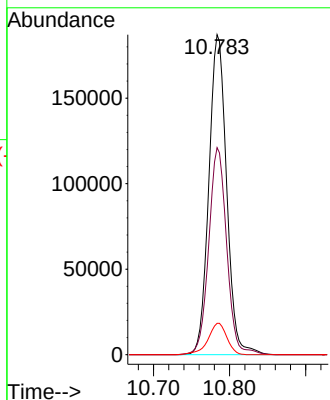
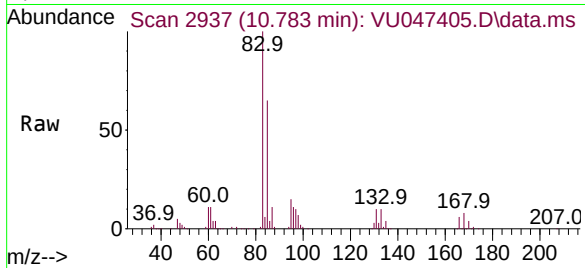




#57
1,1,2,2-Tetrachloroethane
Concen: 23.329 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

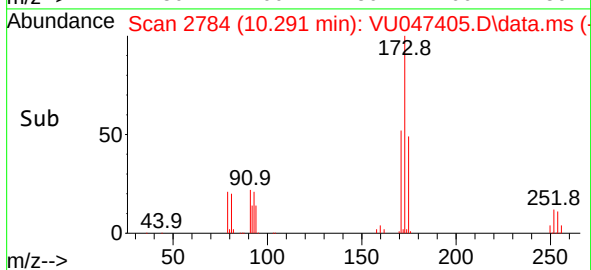
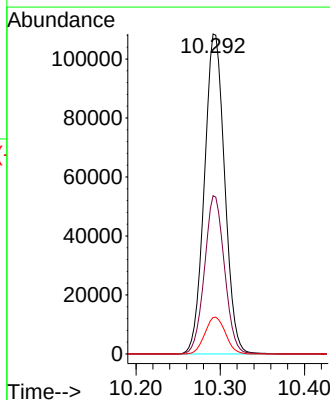
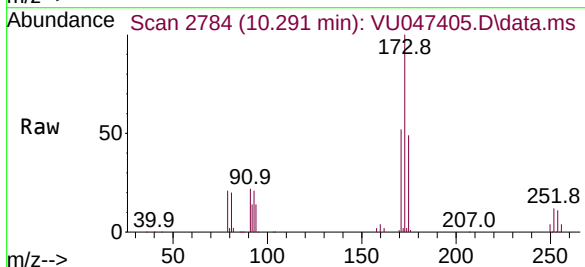
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

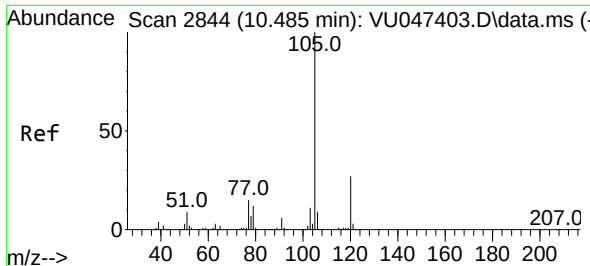
Tgt Ion: 83 Resp: 303116
Ion Ratio Lower Upper
83 100
85 64.7 46.0 85.4
131 9.8 8.2 12.4



#59
Bromoform
Concen: 25.579 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion:173 Resp: 181689
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 11.7 9.0 13.4

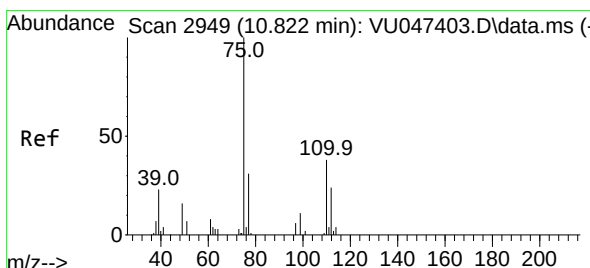
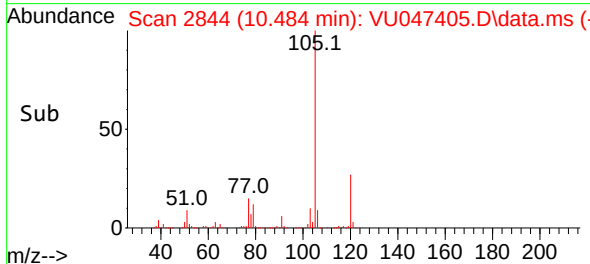
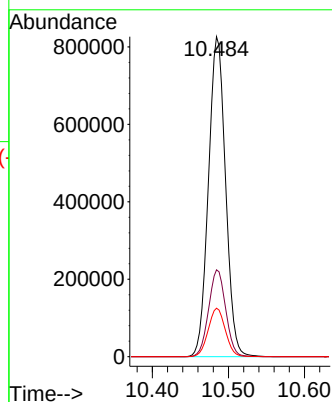
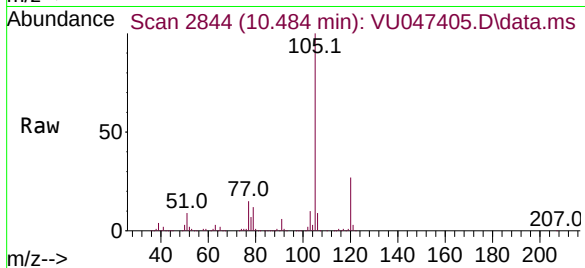




#60
Isopropylbenzene
Concen: 24.037 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

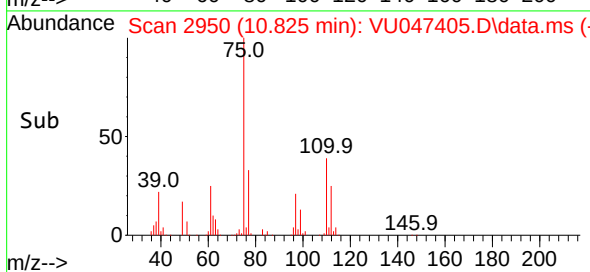
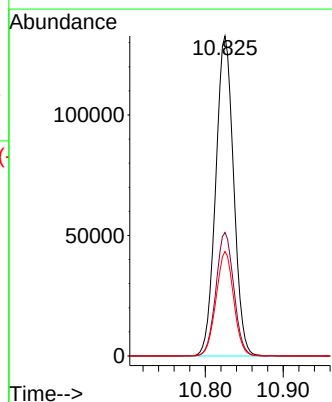
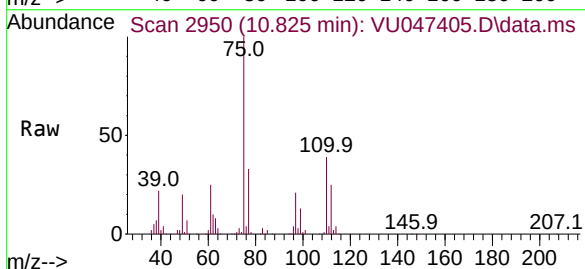
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

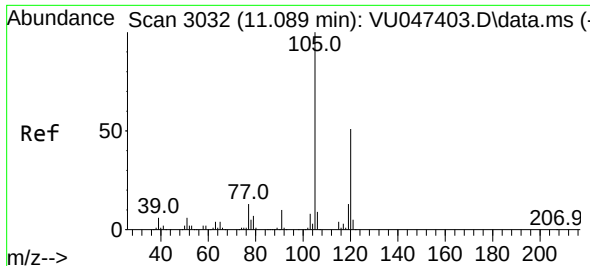
Tgt Ion:105 Resp: 1290603
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 21.354 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion: 75 Resp: 212104
Ion Ratio Lower Upper
75 100
110 38.5 31.0 46.4
77 32.2 26.2 39.4

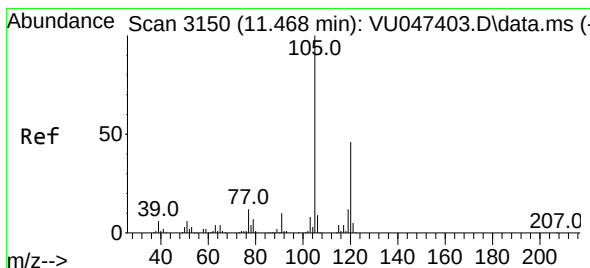
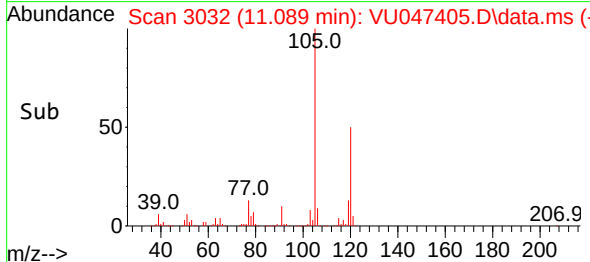
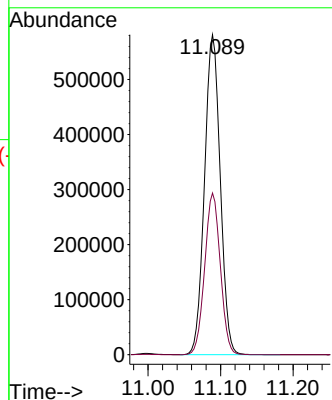
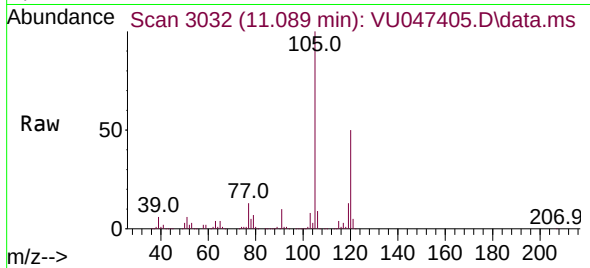




#62
 1,3,5-Trimethylbenzene
 Concen: 21.656 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

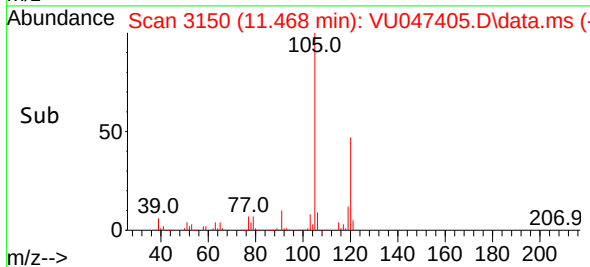
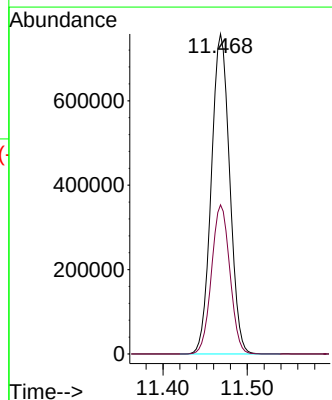
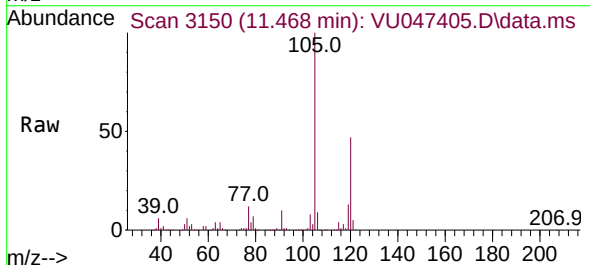
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

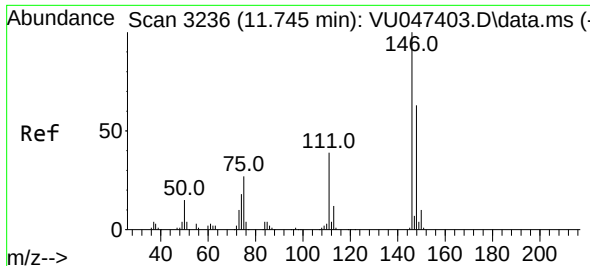
Tgt Ion:105 Resp: 876718
 Ion Ratio Lower Upper
 105 100
 120 50.1 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 26.528 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

Tgt Ion:105 Resp: 1146135
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8

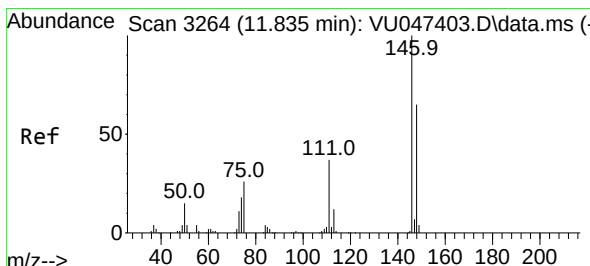
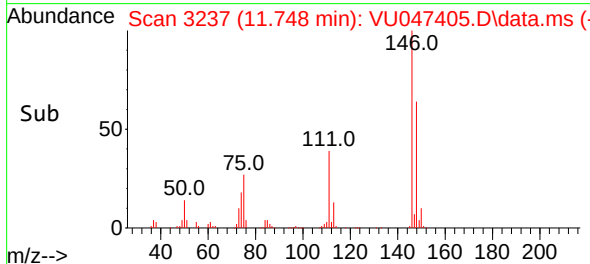
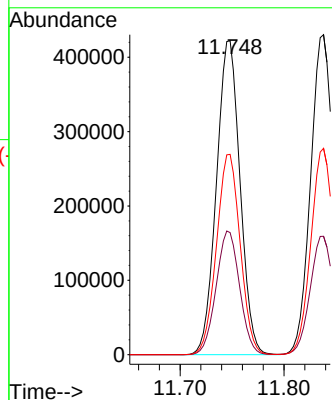
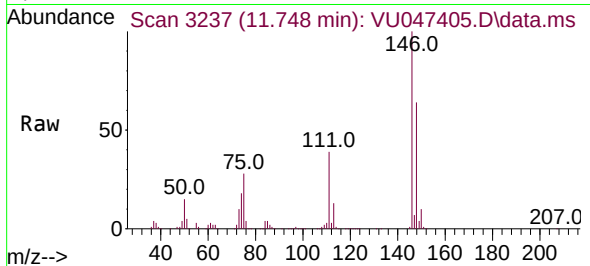




#64
1,3-Dichlorobenzene
Concen: 23.166 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

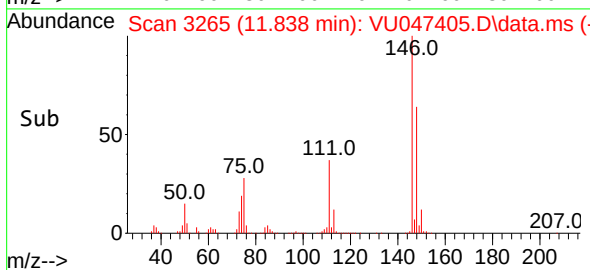
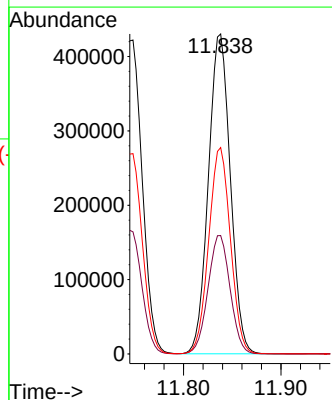
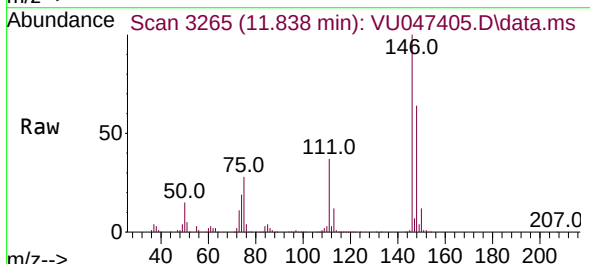
Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

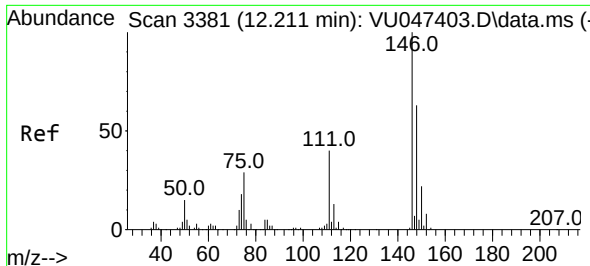
Tgt Ion:146 Resp: 666600
Ion Ratio Lower Upper
146 100
111 38.9 27.0 50.2
148 63.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 22.833 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion:146 Resp: 672440
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 64.5 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 23.049 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020017

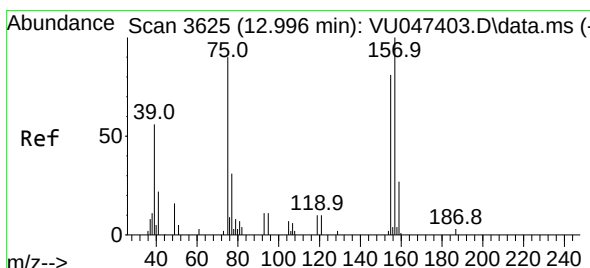
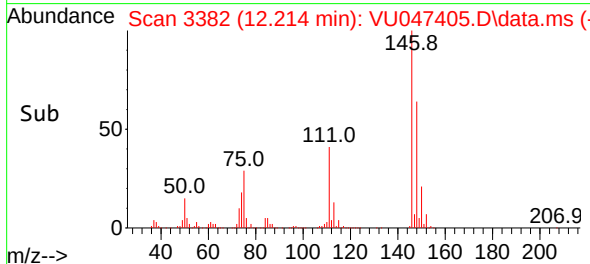
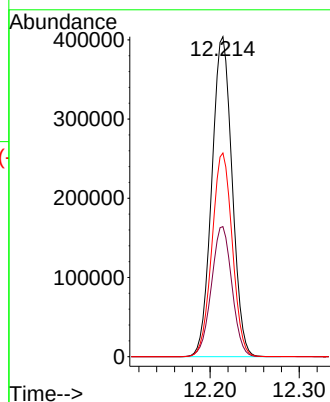
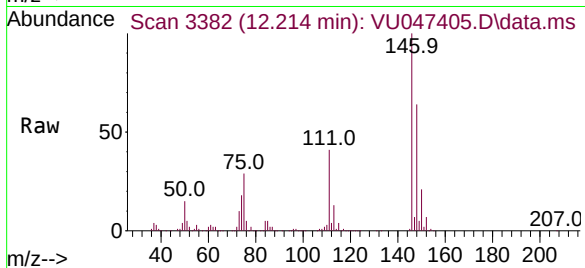
Tgt Ion:146 Resp: 638928

Ion Ratio Lower Upper

146 100

111 40.6 31.9 47.9

148 63.7 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.307 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU047405.D

Acq: 09 Mar 2022 14:49

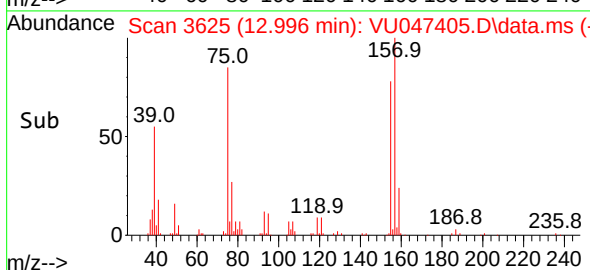
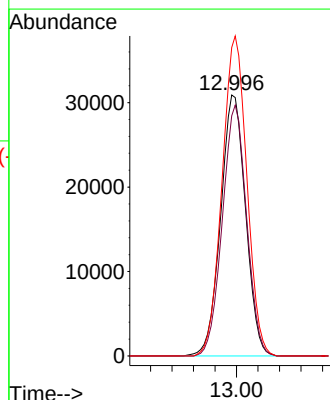
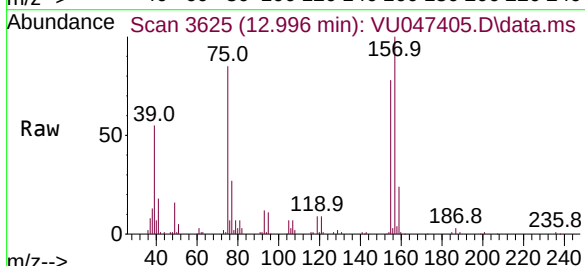
Tgt Ion: 75 Resp: 49737

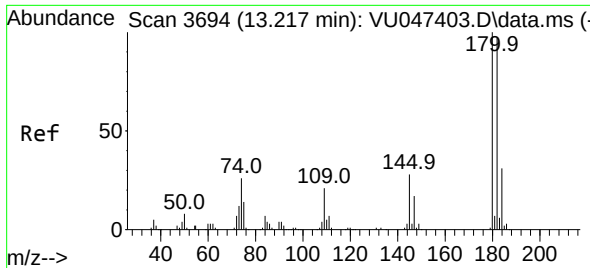
Ion Ratio Lower Upper

75 100

155 92.0 71.3 106.9

157 118.2 88.6 132.8



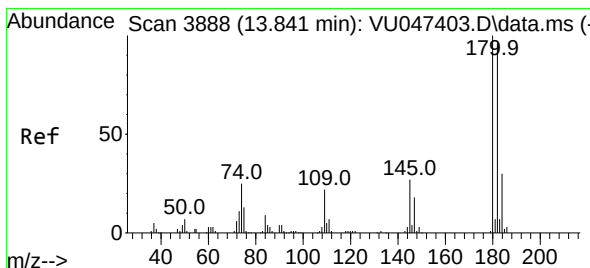
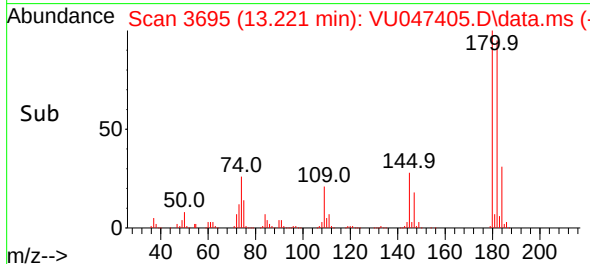
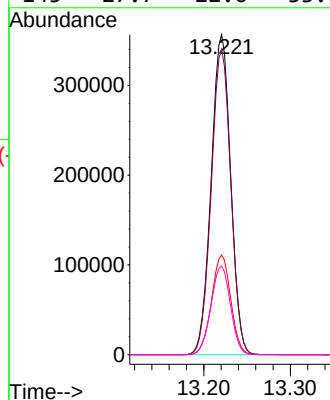
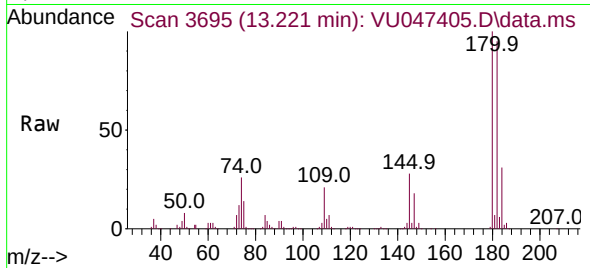


#69
 1,3,5-Trichlorobenzene
 Concen: 25.047 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

Tgt Ion:180 Resp: 557765

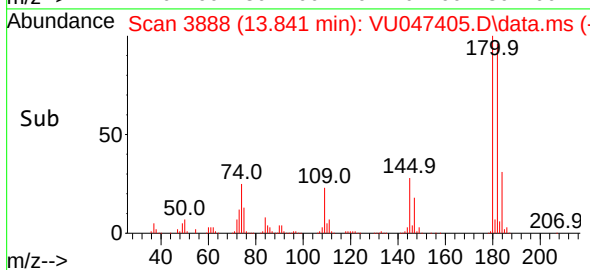
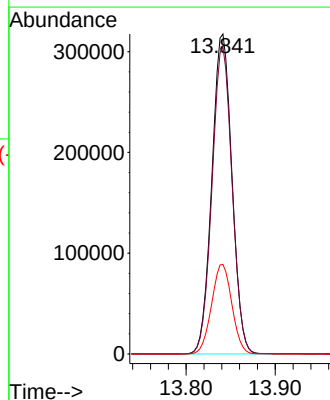
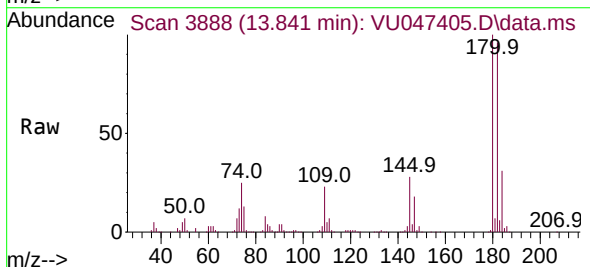
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
184	30.7	25.0	37.4
145	27.7	22.0	33.0

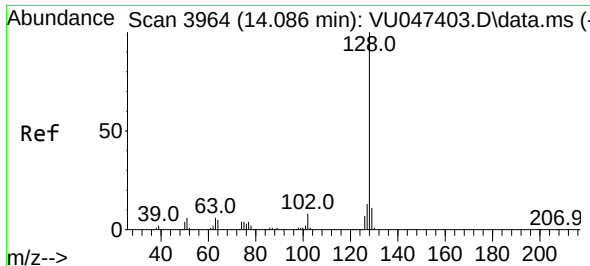


#70
 1,2,4-trichlorobenzene
 Concen: 26.723 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047405.D
 Acq: 09 Mar 2022 14:49

Tgt Ion:180 Resp: 497466

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	28.3	22.4	33.6

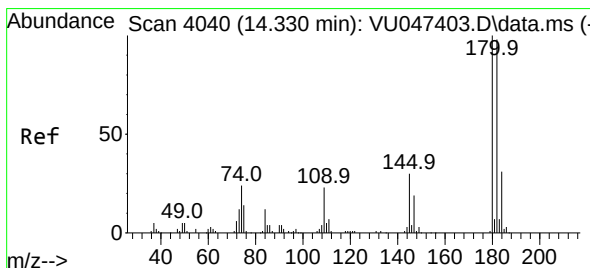
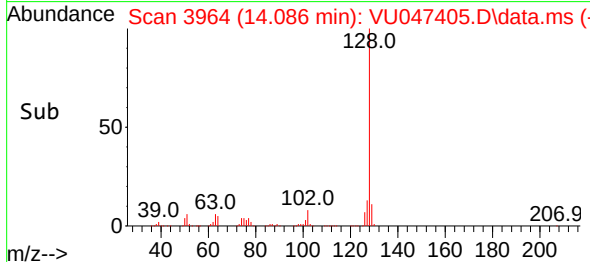
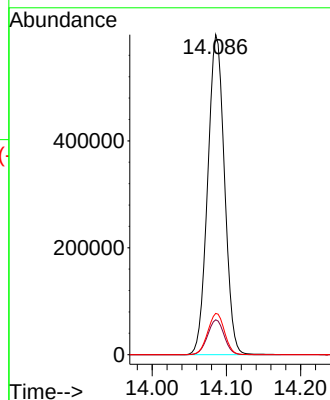
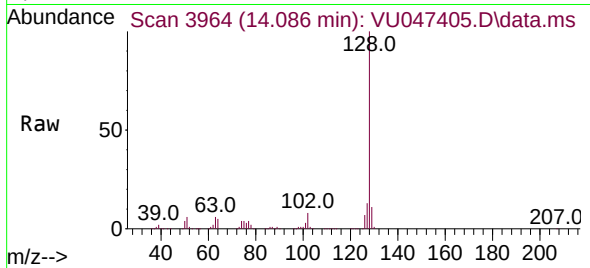




#71
Naphthalene
Concen: 28.861 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020017

Tgt Ion:128 Resp: 936798
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 25.704 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047405.D
Acq: 09 Mar 2022 14:49

Tgt Ion:180 Resp: 448635
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 29.9 23.4 35.2

