

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047635.D
 Acq On : 24 Mar 2022 14:27
 Operator : SY/MD
 Sample : VSTD10052
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100052

Quant Time: Mar 24 23:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	289757	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193770	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	237364	101.057	ug/L	0.00
7) Chloroethane-d5	1.919	69	191090	105.215	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	444918	107.002	ug/L	0.00
21) 2-Butanone-d5	4.639	46	428136	225.676	ug/L	0.00
24) Chloroform-d	5.067	84	448338	113.212	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	273039	104.021	ug/L	0.00
32) Benzene-d6	5.732	84	900050	105.563	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	276296	104.935	ug/L	0.00
41) Toluene-d8	7.899	98	898777	114.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	147274	115.116	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	354299	273.522	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	481230	117.867	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	407328	110.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	275209	92.935	ug/L	100
3) Chloromethane	1.523	50	257444	95.488	ug/L	100
5) Vinyl chloride	1.607	62	266124	97.921	ug/L	99
6) Bromomethane	1.864	94	147343	97.021	ug/L	99
8) Chloroethane	1.938	64	169249	106.596	ug/L	98
9) Trichlorofluoromethane	2.144	101	370308	103.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	224152	110.050	ug/L	99
12) 1,1-Dichloroethene	2.584	96	210348	109.159	ug/L	95
13) Acetone	2.649	43	348273	161.802	ug/L	99
14) Carbon disulfide	2.800	76	651546	108.982	ug/L	100
15) Methyl Acetate	2.957	43	275910	103.281	ug/L	99
16) Methylene chloride	3.051	84	235733	102.554	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	224056	110.060	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	651082	105.290	ug/L	100
19) 1,1-Dichloroethane	3.874	63	385428	104.272	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	246845	111.686	ug/L	95
22) 2-Butanone	4.719	43	455126	189.753	ug/L	98
23) Bromochloromethane	4.980	128	135005	117.928	ug/L	98
25) Chloroform	5.092	83	412496	100.841	ug/L	99
27) 1,2-Dichloroethane	5.796	62	324599	106.862	ug/L	99
29) Cyclohexane	5.394	56	343709	104.339	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	354532	99.886	ug/L	99
31) Carbon tetrachloride	5.530	117	322777	106.196	ug/L	100
33) Benzene	5.777	78	922666	104.850	ug/L	100
34) Trichloroethene	6.546	95	239175	103.611	ug/L	99
35) Methylcyclohexane	6.767	83	390693	111.075	ug/L	100
37) 1,2-Dichloropropane	6.793	63	236458	103.102	ug/L	100
38) Bromodichloromethane	7.108	83	319939	104.248	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	385825	111.034	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	786370	233.021	ug/L	99
42) Toluene	7.970	91	1042738	110.157	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	382851	112.426	ug/L	100

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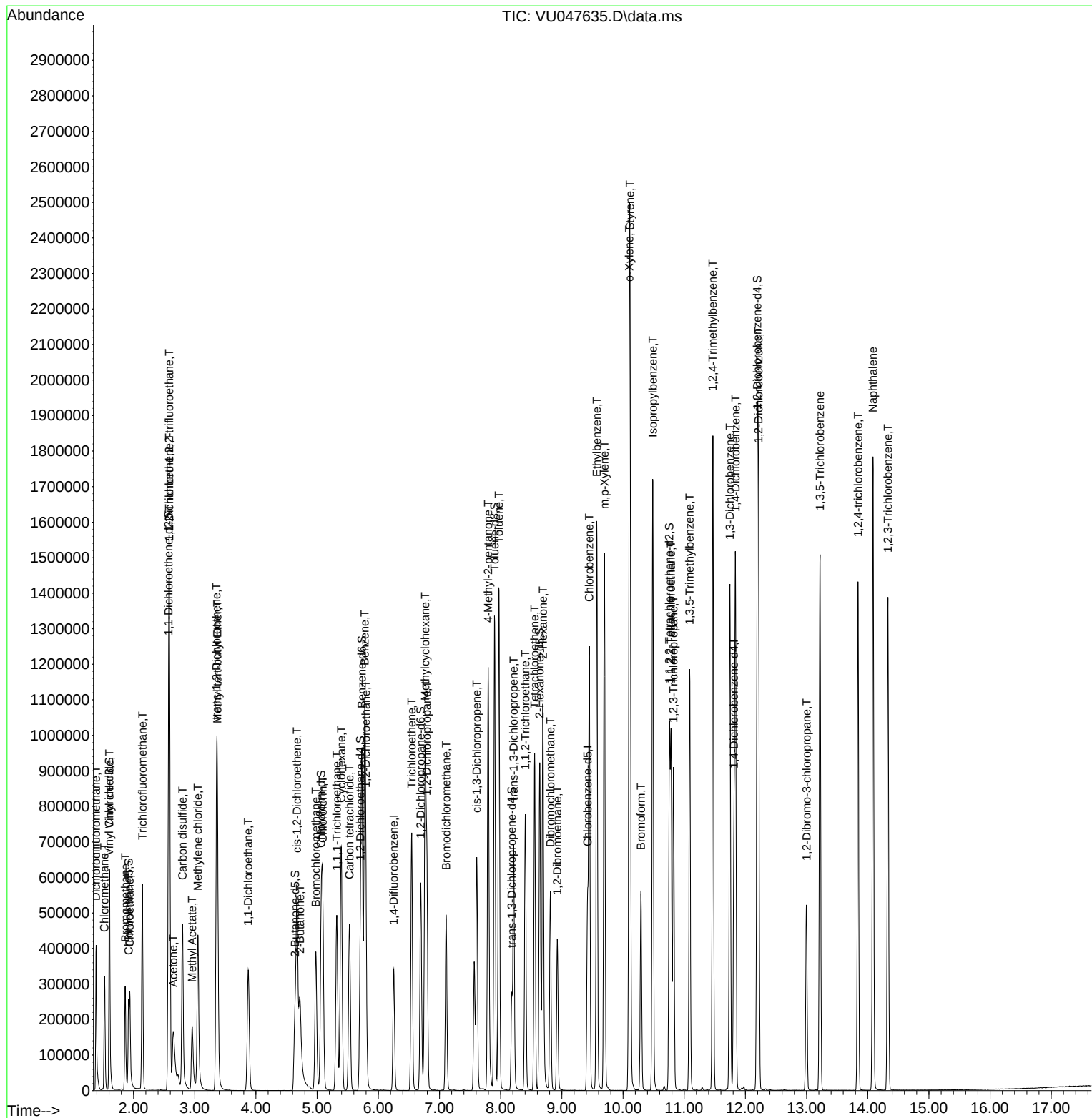
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	245771	105.484	ug/L	99
46) Tetrachloroethene	8.555	164	217441	123.675	ug/L	99
48) 2-Hexanone	8.690	43	689610	230.905	ug/L	99
49) Dibromochloromethane	8.812	129	289027	117.041	ug/L	100
50) 1,2-Dibromoethane	8.925	107	280703	111.299	ug/L	99
51) Chlorobenzene	9.449	112	685482	111.440	ug/L	100
52) Ethylbenzene	9.571	91	1115595	111.450	ug/L	99
53) m,p-Xylene	9.697	106	448693	114.377	ug/L	99
54) o-Xylene	10.102	106	432622	113.089	ug/L	98
55) Styrene	10.115	104	762713	117.285	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	476218	117.293	ug/L	99
59) Bromoform	10.295	173	253745	113.566	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	371815	92.264	ug/L	99
61) Isopropylbenzene	10.488	105	1127693	96.362	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	638144	69.590	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	985741	101.760	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	604230	105.573	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	617027	104.196	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	605054	104.661	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	120350	108.990	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	499522	118.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	452368	120.624	ug/L	99
71) Naphthalene	14.085	128	1417853	113.050	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	450563	118.621	ug/L	99

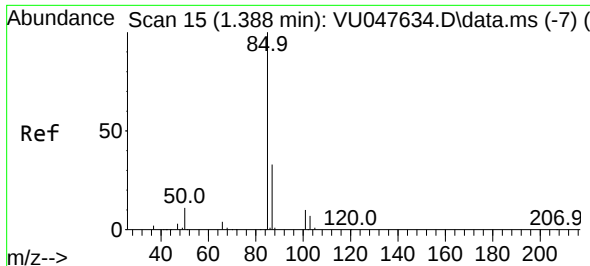
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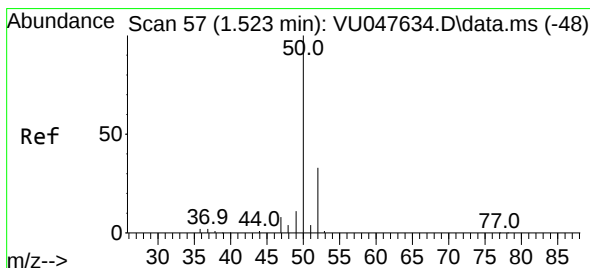
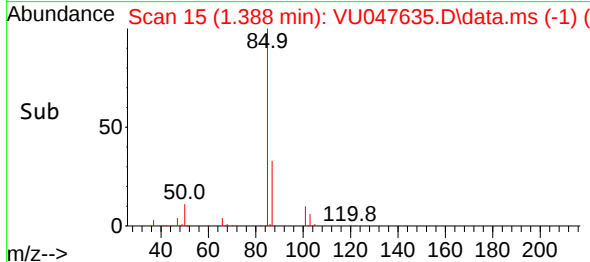
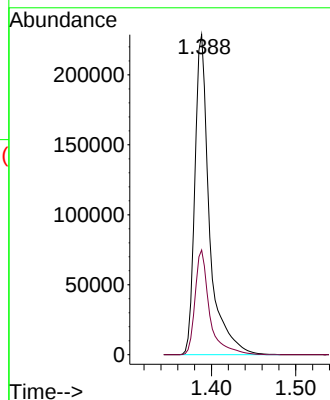
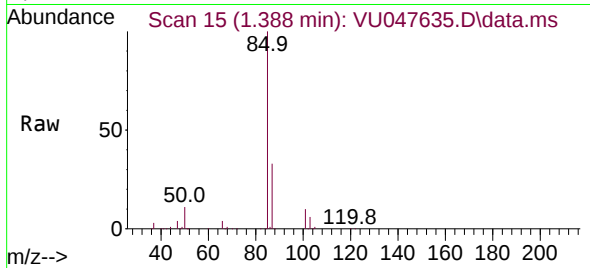




#2
Dichlorodifluoromethane
Concen: 92.935 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

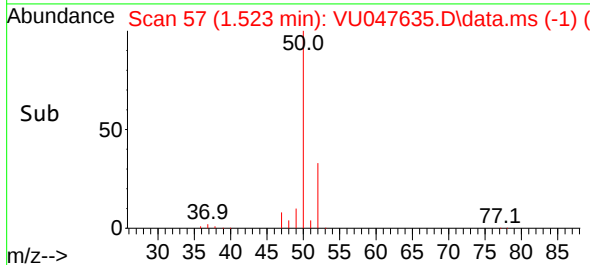
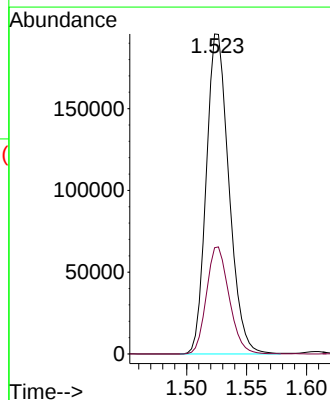
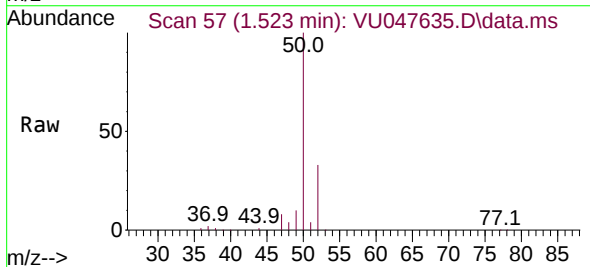
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

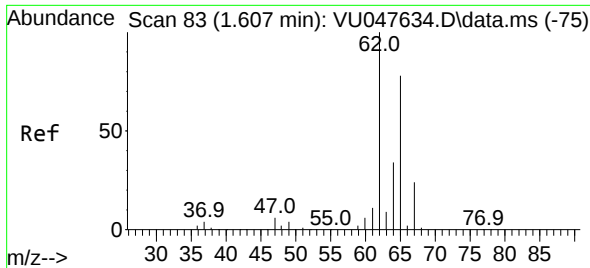
Tgt Ion: 85 Resp: 275209
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 95.488 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 50 Resp: 257444
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

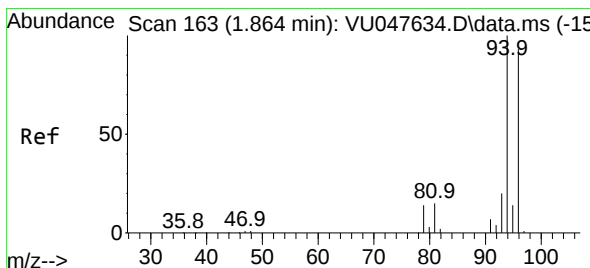
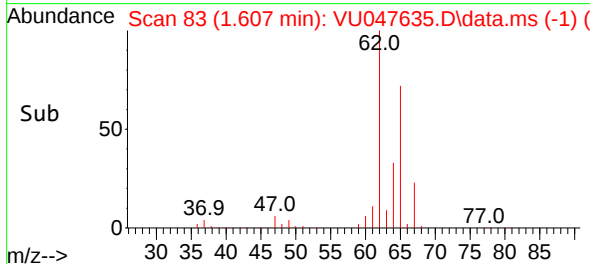
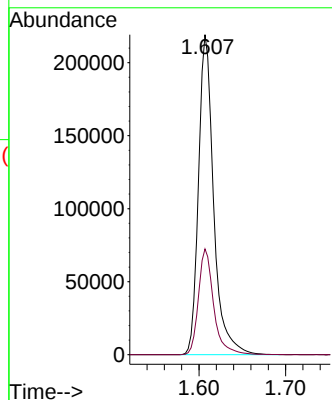
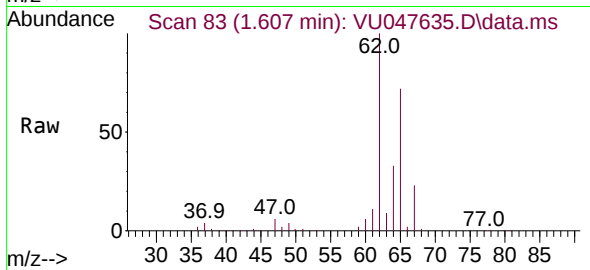




#5
 Vinyl chloride
 Concen: 97.921 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

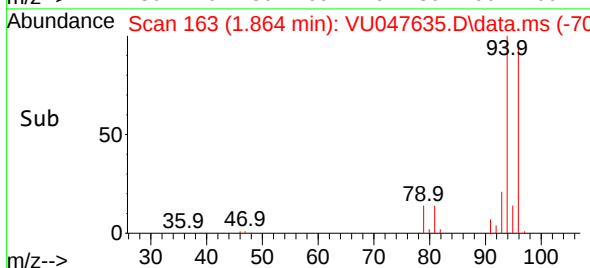
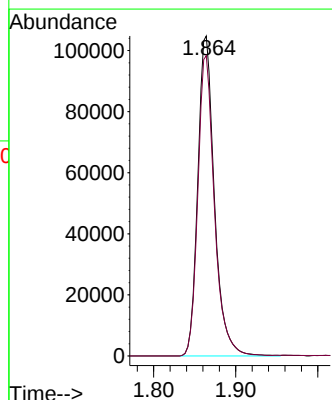
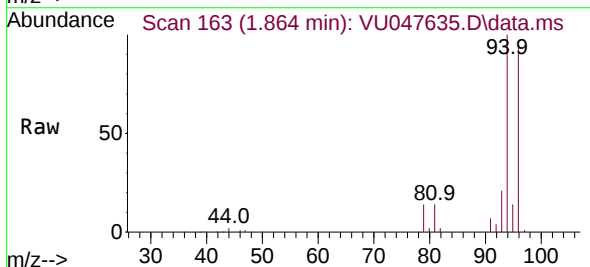
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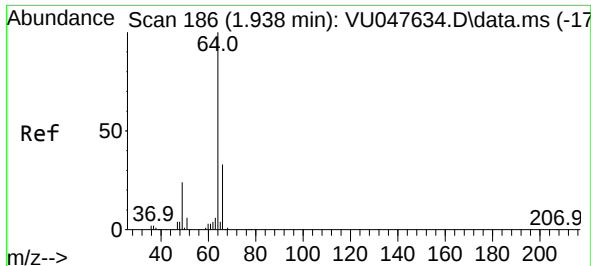
Tgt Ion: 62 Resp: 266124
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.7 43.9



#6
 Bromomethane
 Concen: 97.021 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

Tgt Ion: 94 Resp: 147343
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

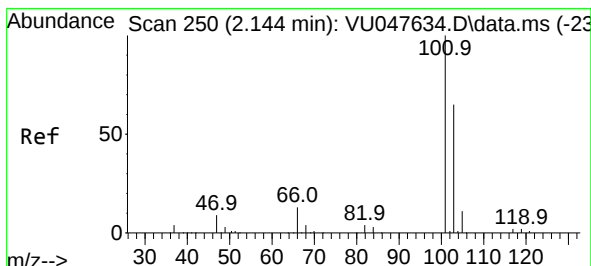
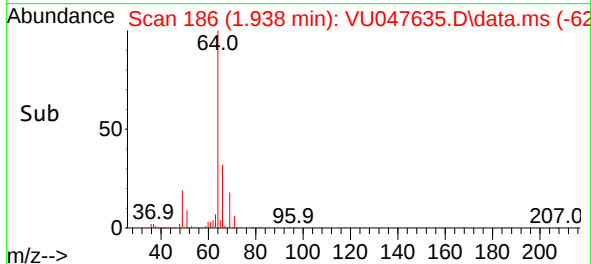
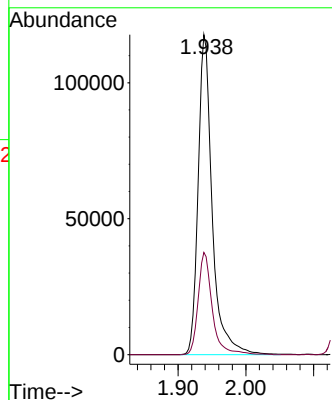
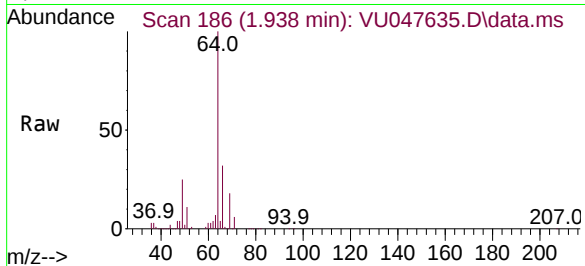




#8
Chloroethane
Concen: 106.596 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

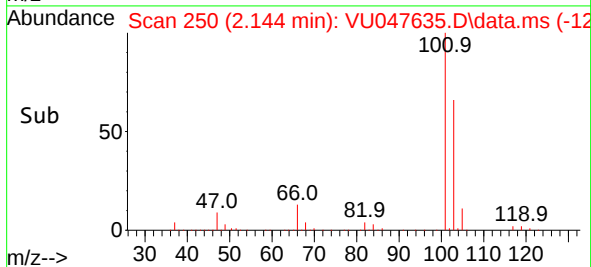
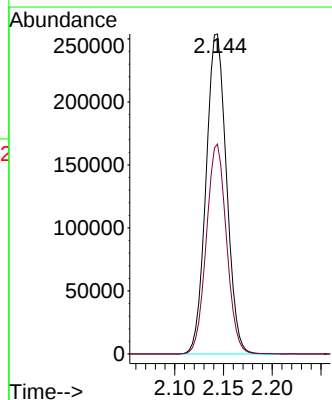
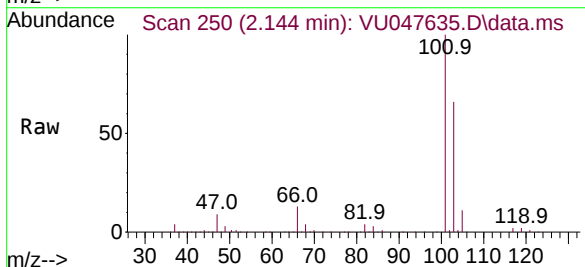
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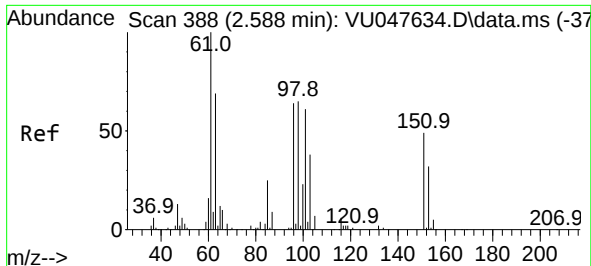
Tgt Ion: 64 Resp: 169249
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 103.143 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion:101 Resp: 370308
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

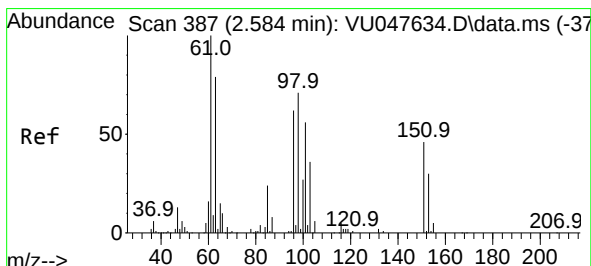
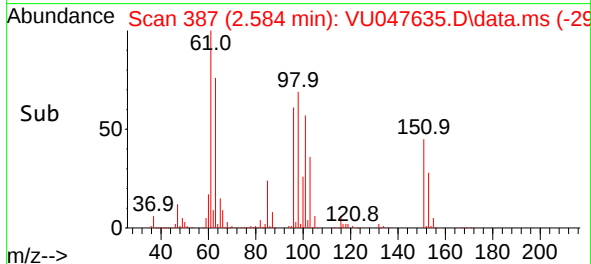
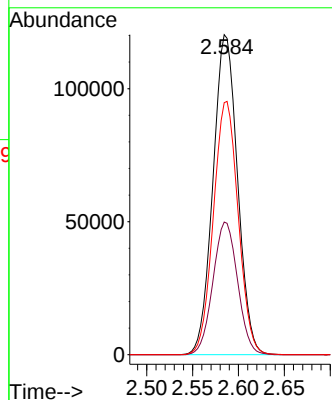
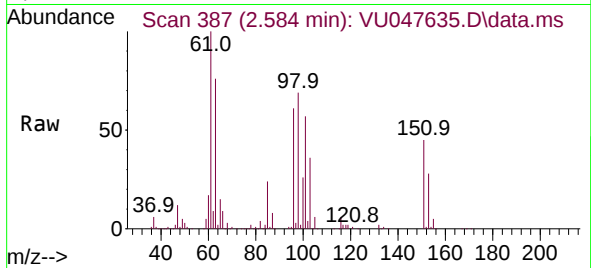




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 110.050 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

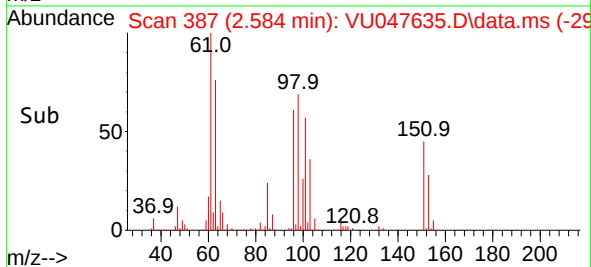
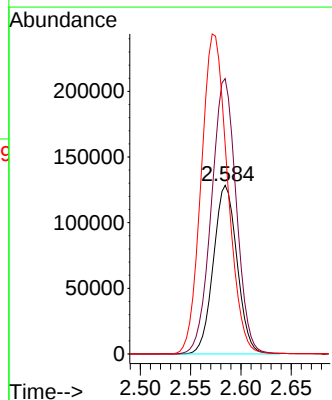
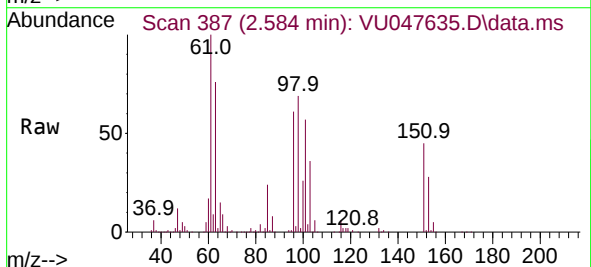
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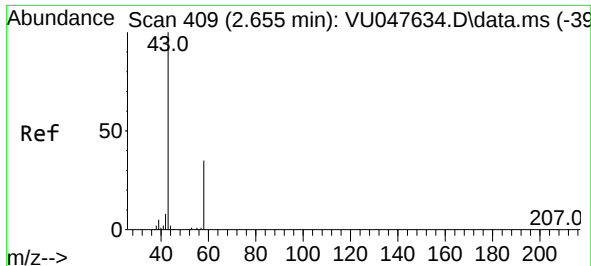
Tgt Ion:101 Resp: 224152
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.8 49.2
 151 79.9 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 109.159 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

Tgt Ion: 96 Resp: 210348
 Ion Ratio Lower Upper
 96 100
 61 163.4 113.1 210.1
 63 124.3 94.8 176.0





#13

Acetone

Concen: 161.802 ug/L

RT: 2.649 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU047635.D

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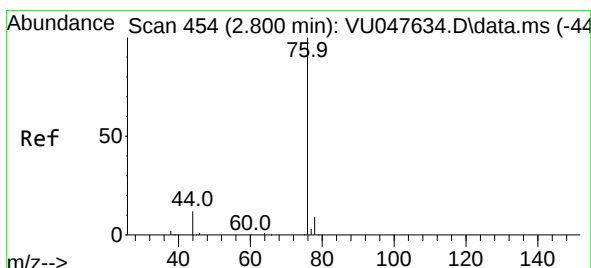
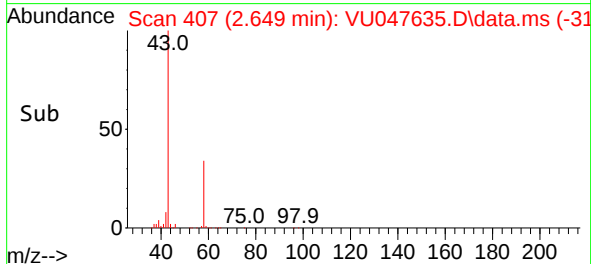
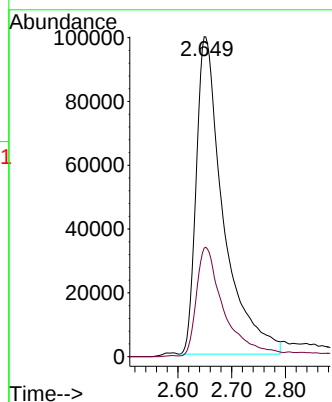
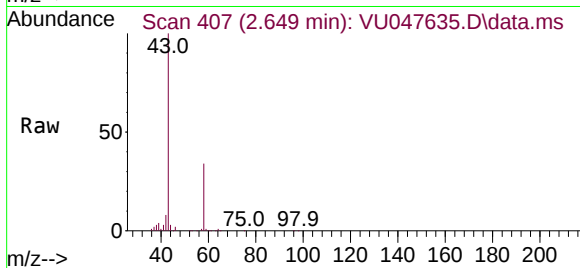
VSTD100052

Tgt Ion: 43 Resp: 348273

Ion Ratio Lower Upper

43 100

58 34.6 0.0 70.0



#14

Carbon disulfide

Concen: 108.982 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047635.D

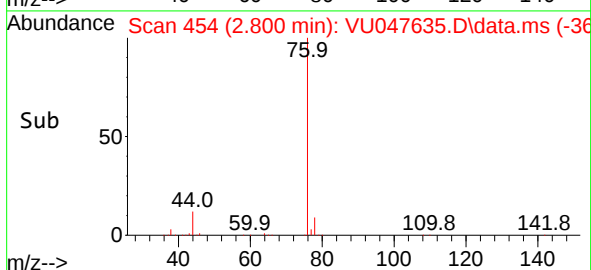
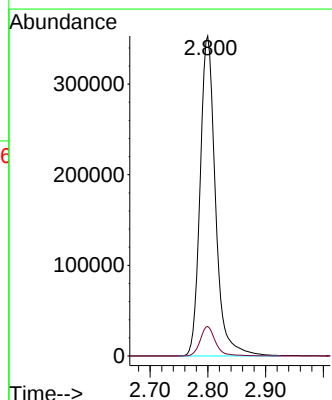
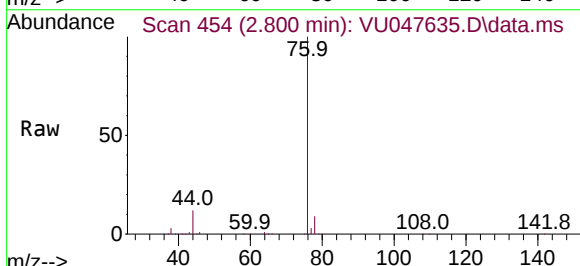
Acq: 24 Mar 2022 14:27

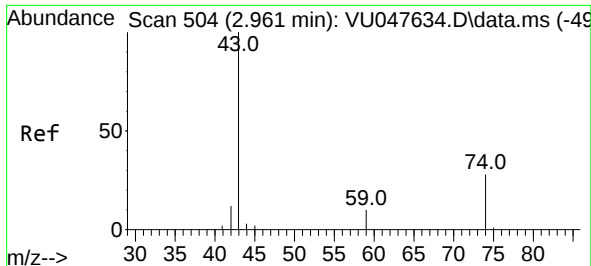
Tgt Ion: 76 Resp: 651546

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

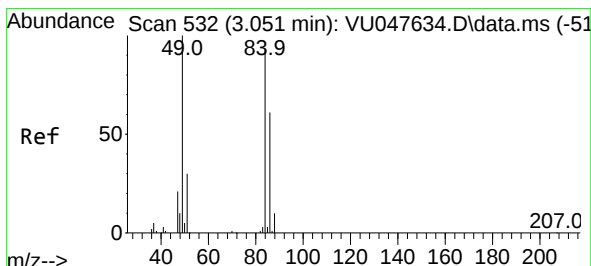
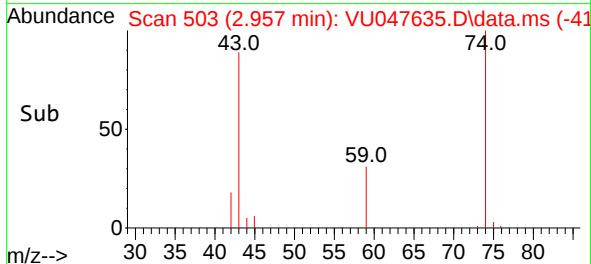
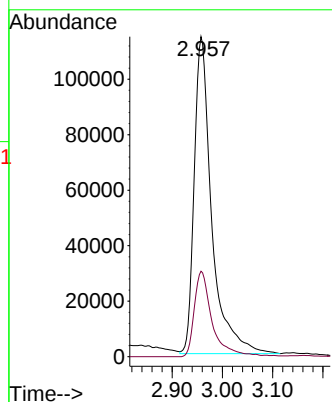
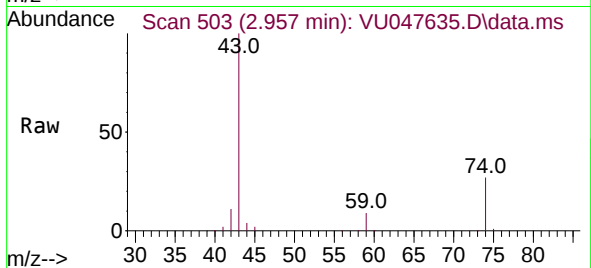




#15
Methyl Acetate
Concen: 103.281 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

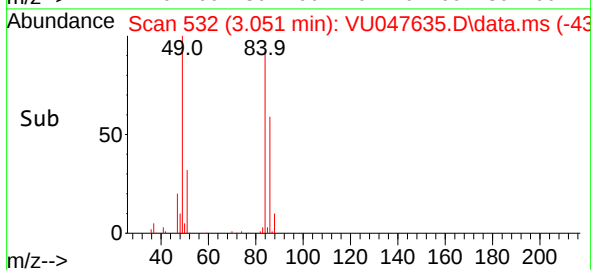
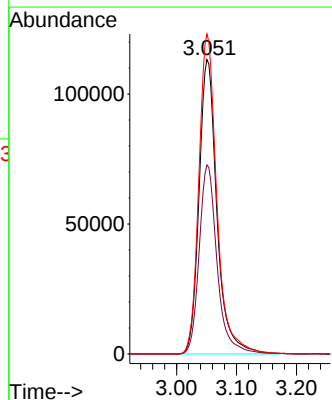
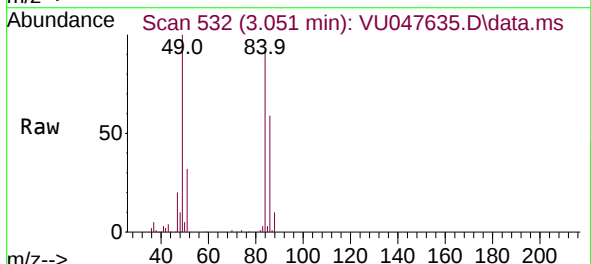
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

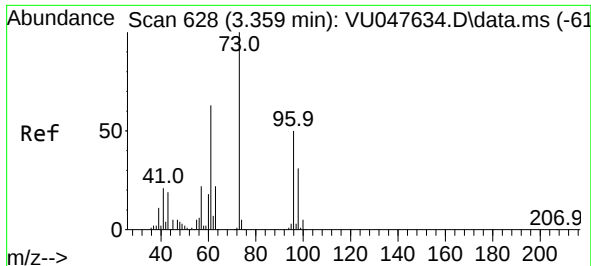
Tgt Ion: 43 Resp: 275910
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.2



#16
Methylene chloride
Concen: 102.554 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 84 Resp: 235733
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 108.7 75.3 139.8

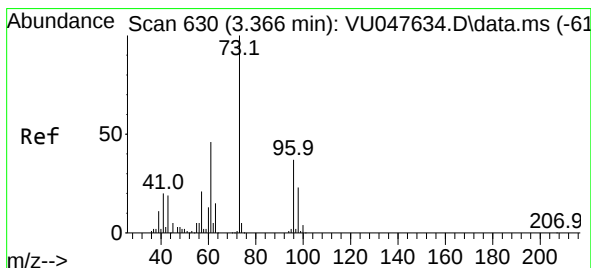
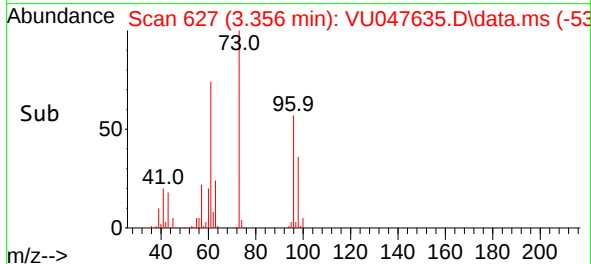
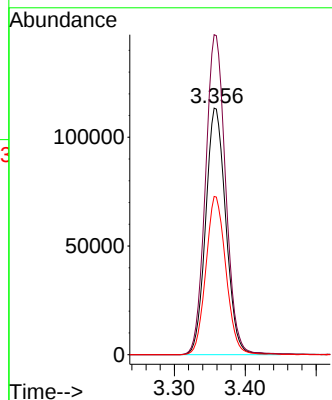
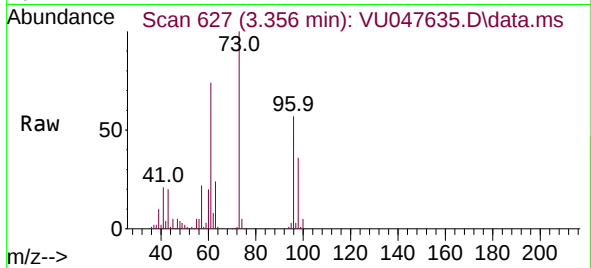




#17
trans-1,2-Dichloroethene
Concen: 110.060 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

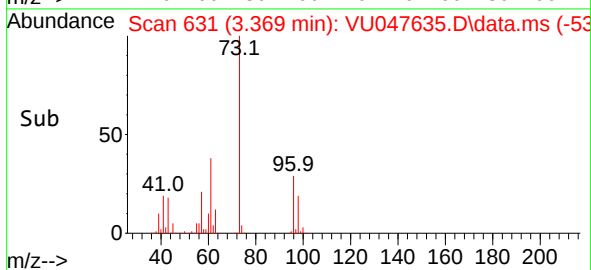
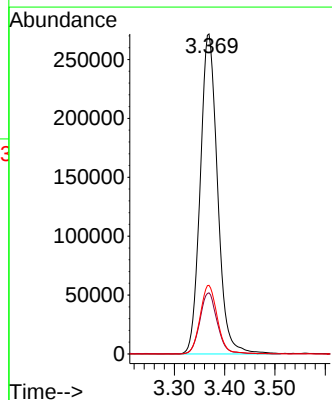
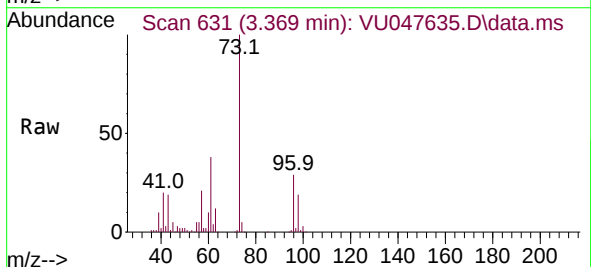
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

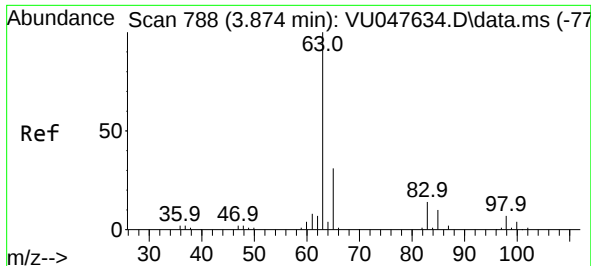
Tgt Ion: 96 Resp: 224056
Ion Ratio Lower Upper
96 100
61 129.8 88.4 164.2
98 64.2 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 105.290 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 73 Resp: 651082
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 104.272 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD100052

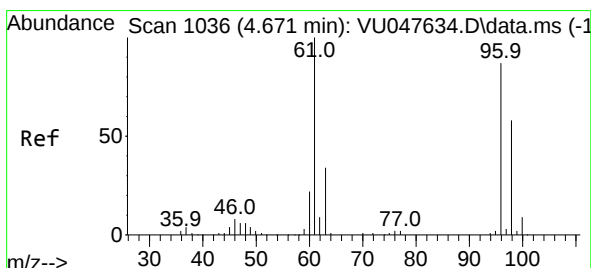
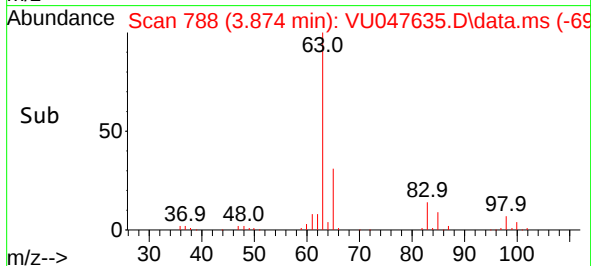
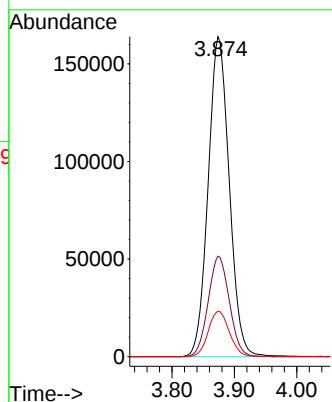
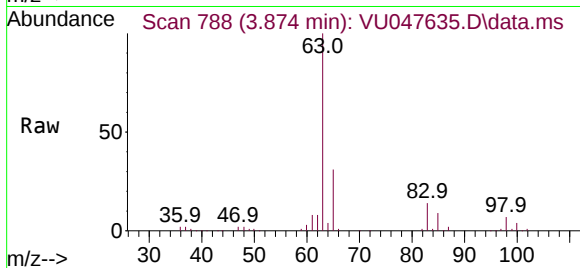
Tgt Ion: 63 Resp: 385428

Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 14.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 111.686 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

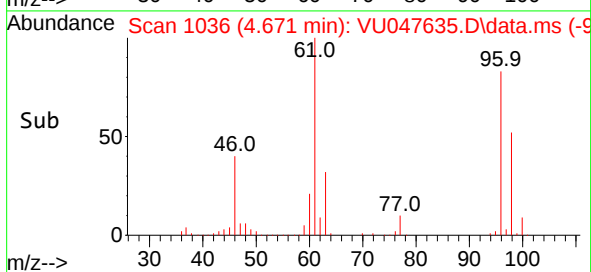
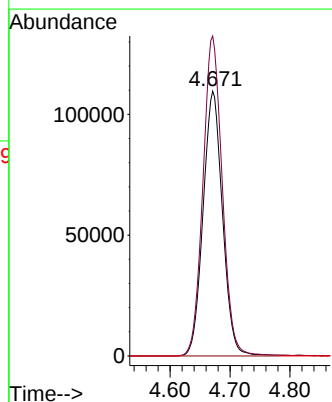
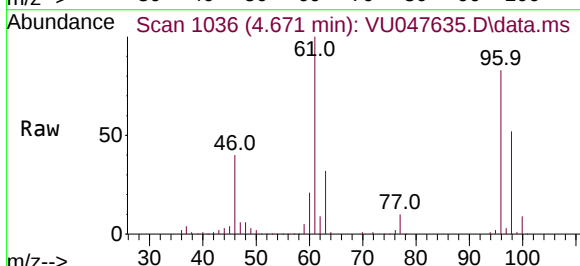
Tgt Ion: 96 Resp: 246845

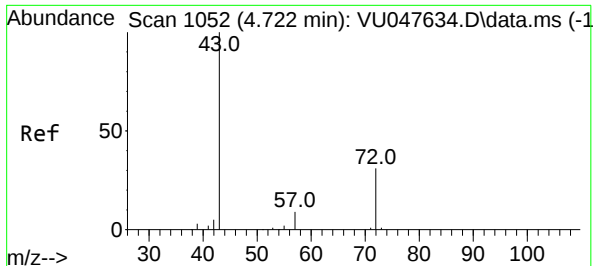
Ion Ratio Lower Upper

96 100

61 120.8 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 189.753 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

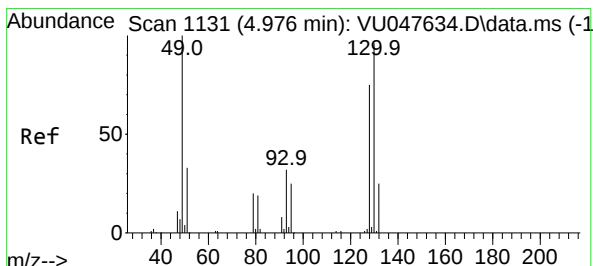
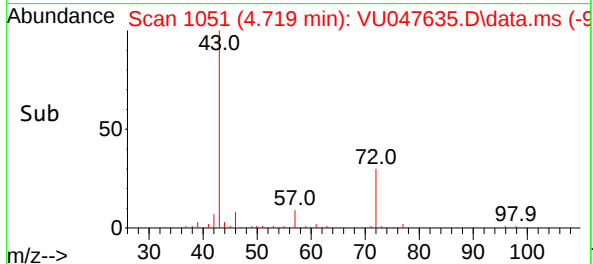
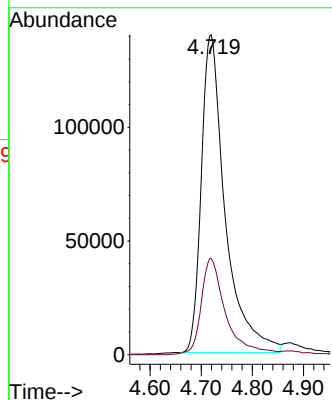
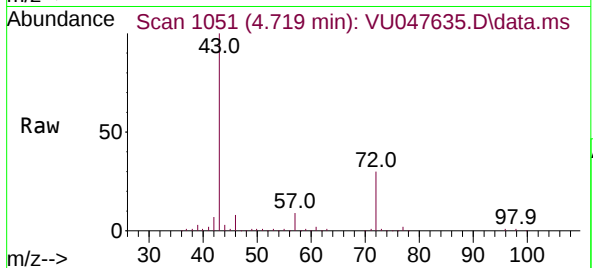
VSTD100052

Tgt Ion: 43 Resp: 455126

Ion Ratio Lower Upper

43 100

72 30.6 16.0 47.9



#23

Bromochloromethane

Concen: 117.928 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Tgt Ion:128 Resp: 135005

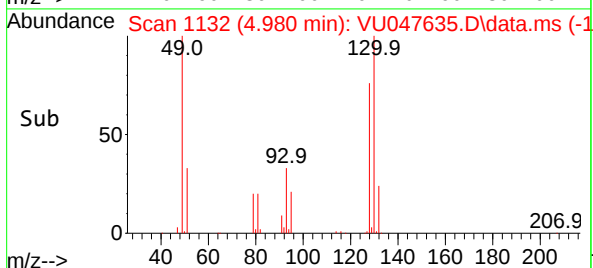
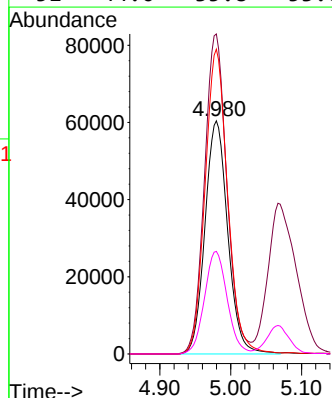
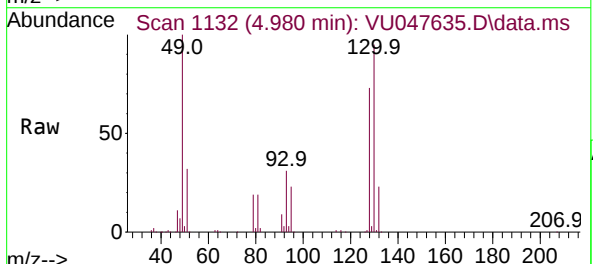
Ion Ratio Lower Upper

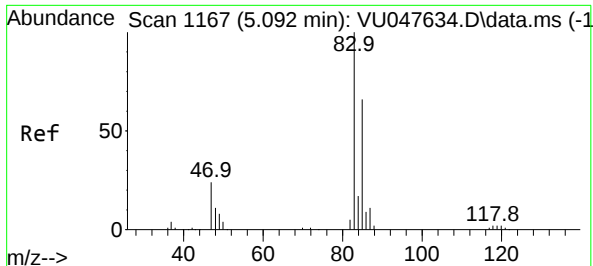
128 100

49 137.2 94.1 174.8

130 130.7 90.2 167.4

51 44.0 35.8 53.6





#25

Chloroform

Concen: 100.841 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

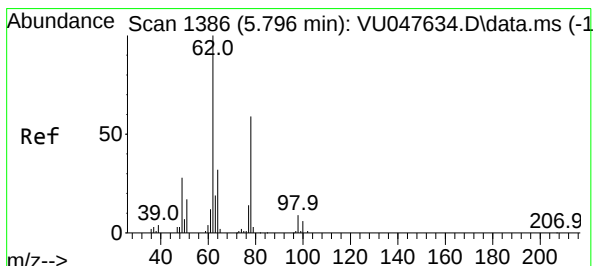
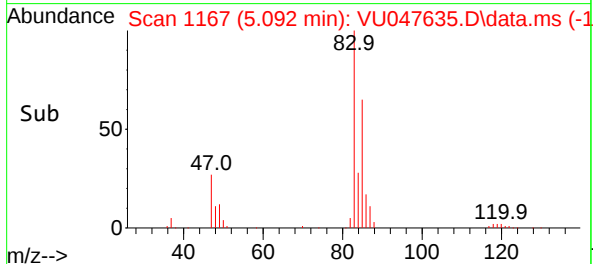
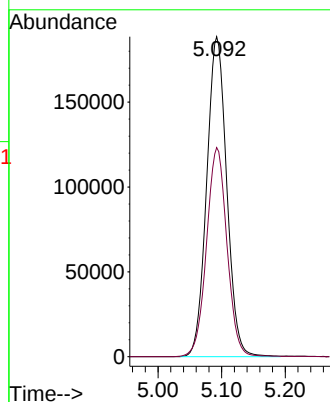
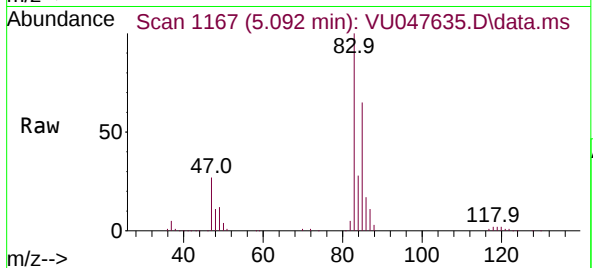
VSTD100052

Tgt Ion: 83 Resp: 412496

Ion Ratio Lower Upper

83 100

85 65.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 106.862 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047635.D

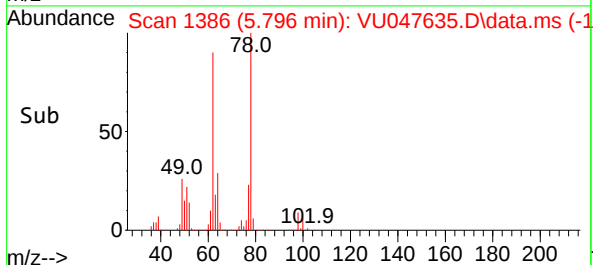
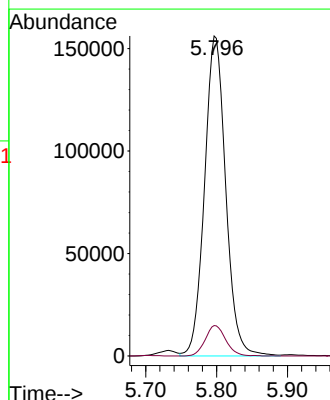
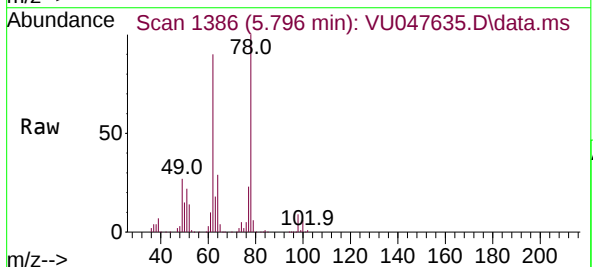
Acq: 24 Mar 2022 14:27

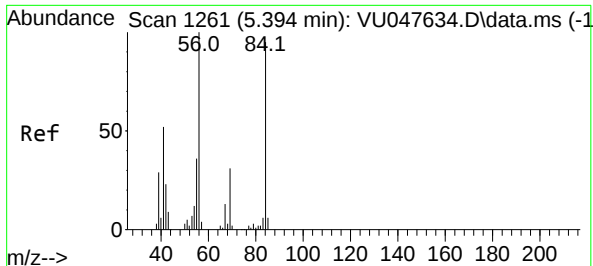
Tgt Ion: 62 Resp: 324599

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 104.339 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD100052

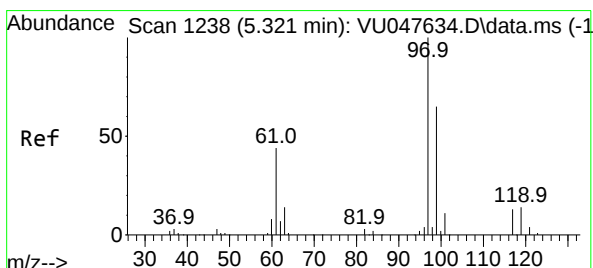
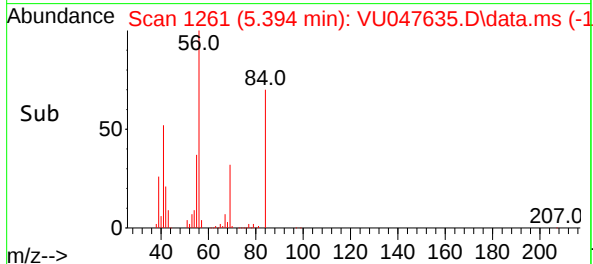
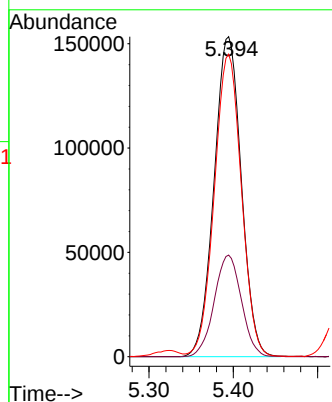
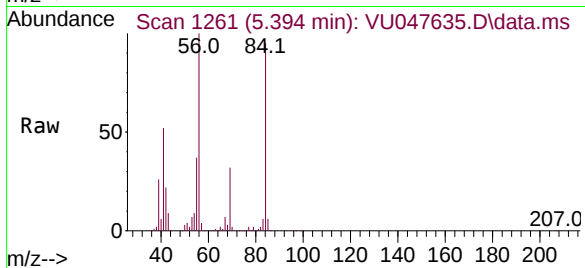
Tgt Ion: 56 Resp: 343709

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 94.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 99.886 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

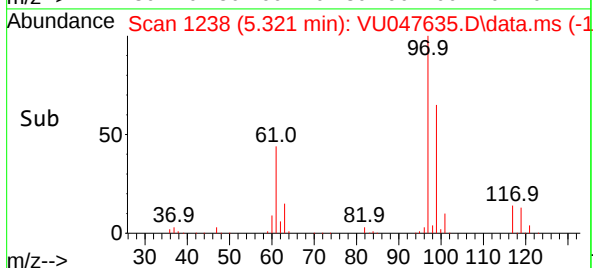
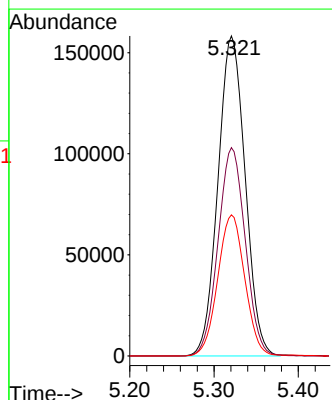
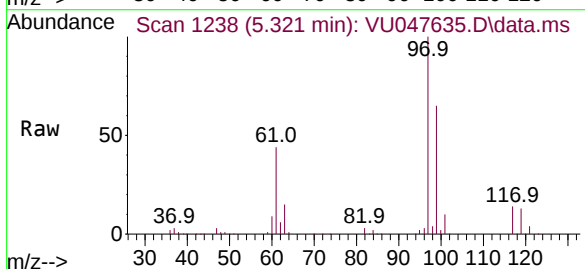
Tgt Ion: 97 Resp: 354532

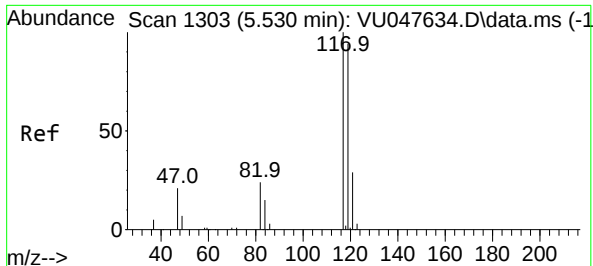
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 43.8 34.2 51.4

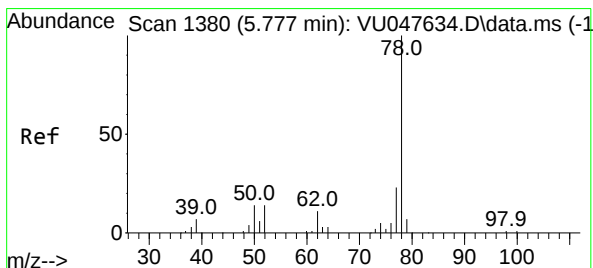
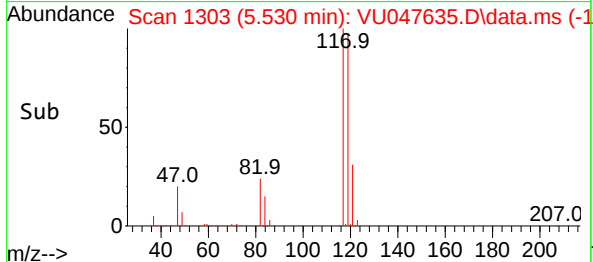
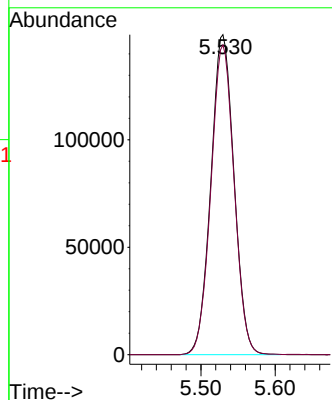
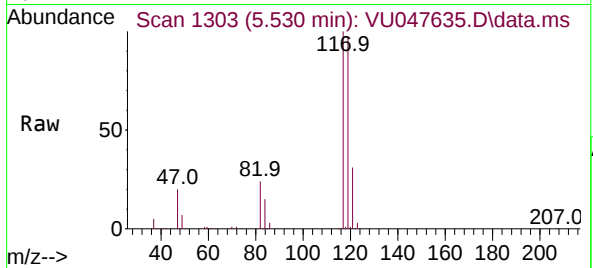




#31
Carbon tetrachloride
Concen: 106.196 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

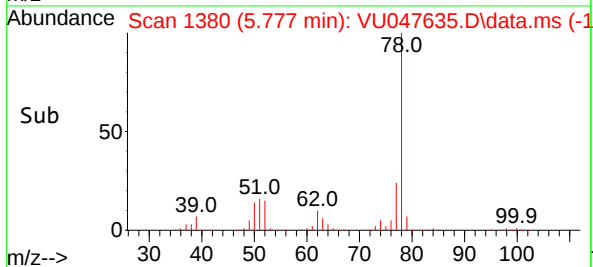
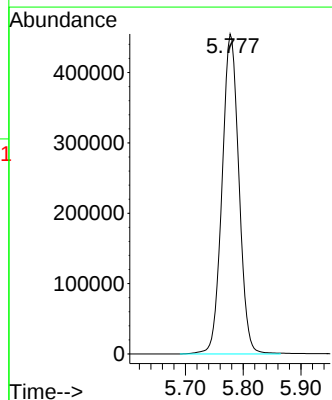
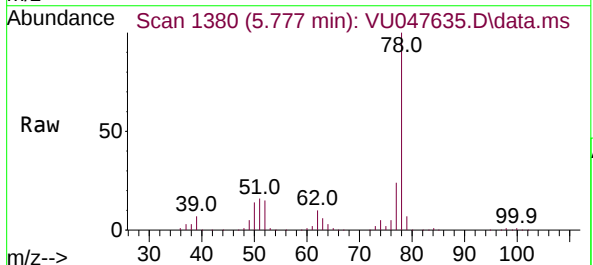
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

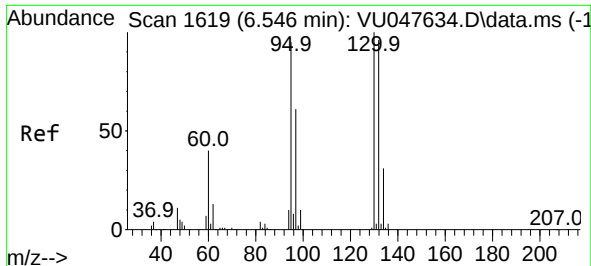
Tgt Ion:117 Resp: 322777
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8



#33
Benzene
Concen: 104.850 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 78 Resp: 922666

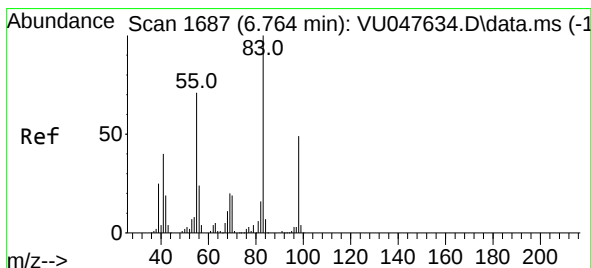
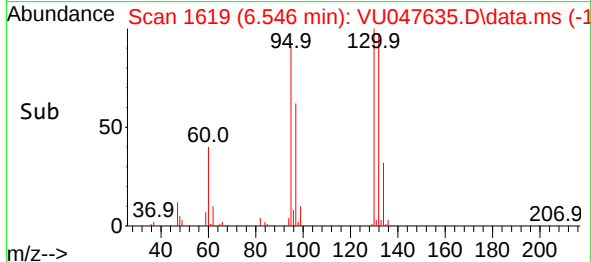
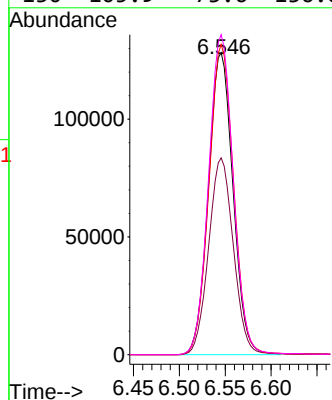
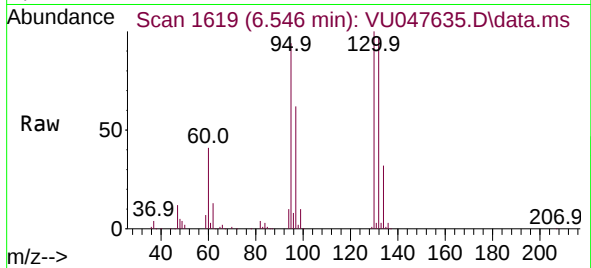




#34
Trichloroethene
Concen: 103.611 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

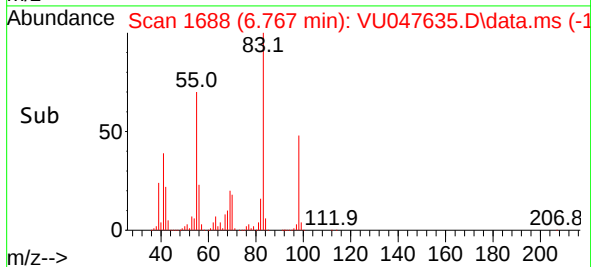
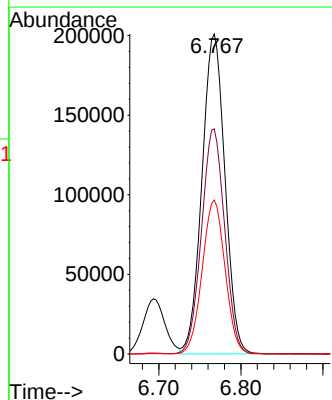
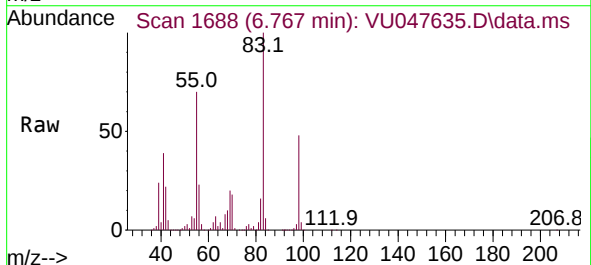
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

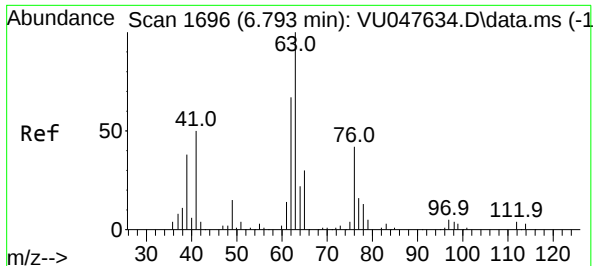
Tgt Ion: 95 Resp: 239175
Ion Ratio Lower Upper
95 100
97 65.2 44.7 82.9
132 102.7 70.4 130.8
130 105.9 73.6 136.8



#35
Methylcyclohexane
Concen: 111.075 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 83 Resp: 390693
Ion Ratio Lower Upper
83 100
55 70.8 56.8 85.2
98 47.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 103.102 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

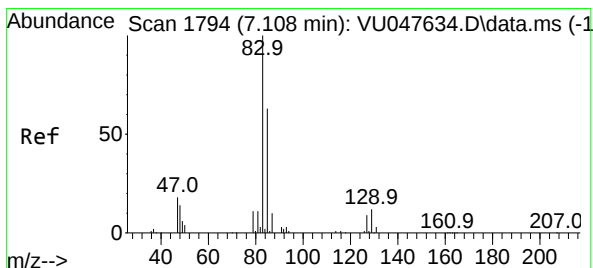
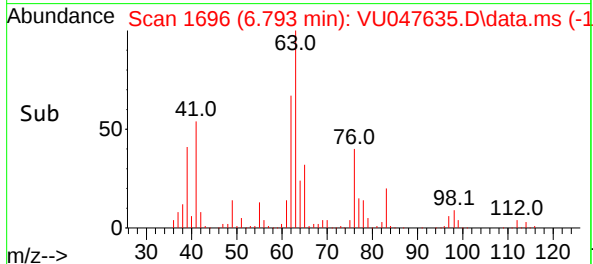
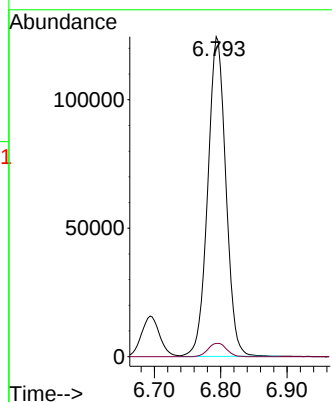
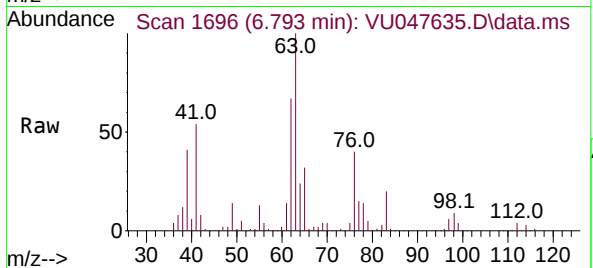
VSTD100052

Tgt Ion: 63 Resp: 236458

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 104.248 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

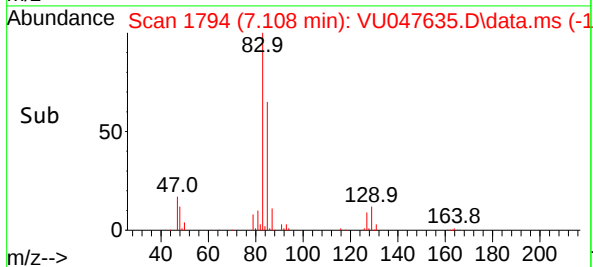
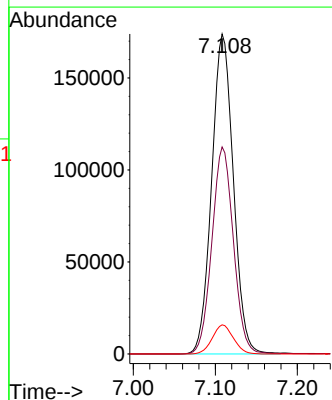
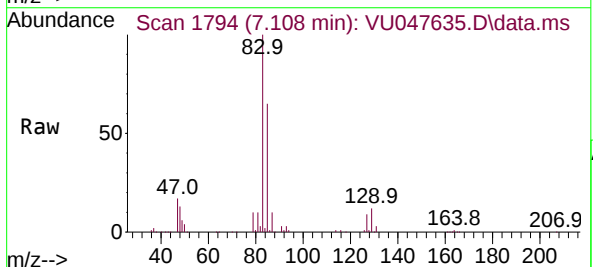
Tgt Ion: 83 Resp: 319939

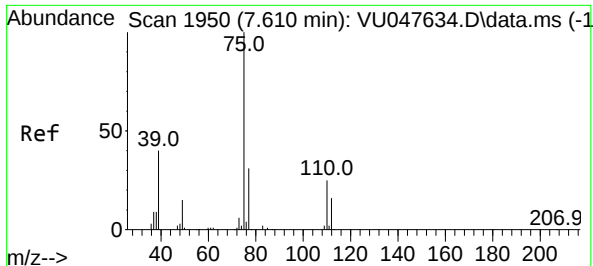
Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 111.034 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

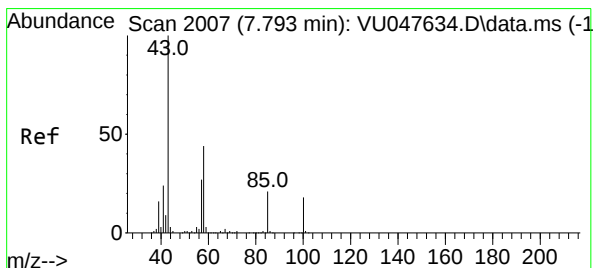
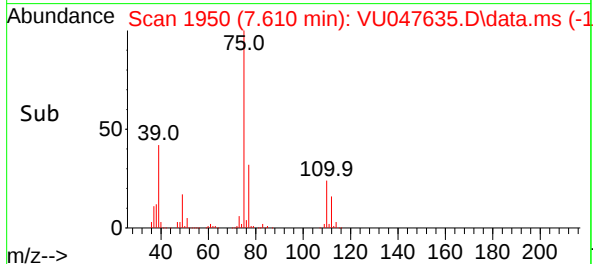
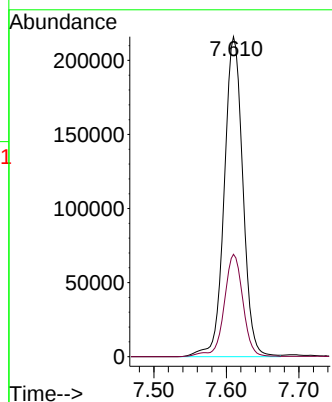
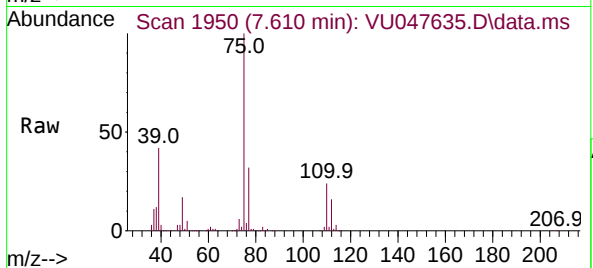
VSTD100052

Tgt Ion: 75 Resp: 385825

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 233.021 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

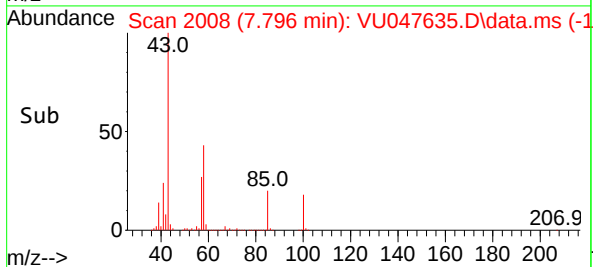
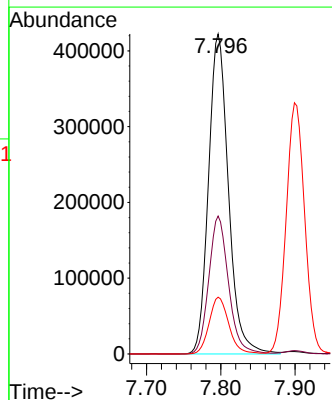
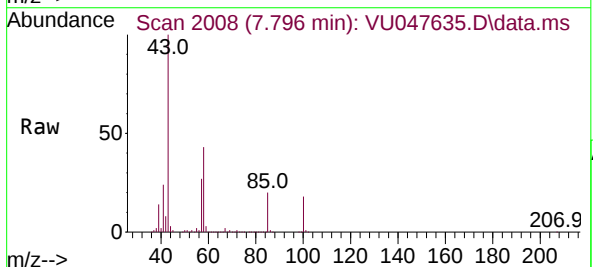
Tgt Ion: 43 Resp: 786370

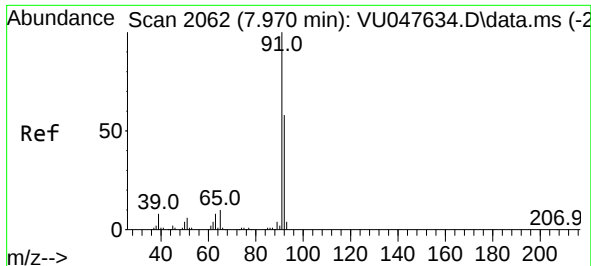
Ion Ratio Lower Upper

43 100

58 42.7 34.7 52.1

100 17.5 14.2 21.2

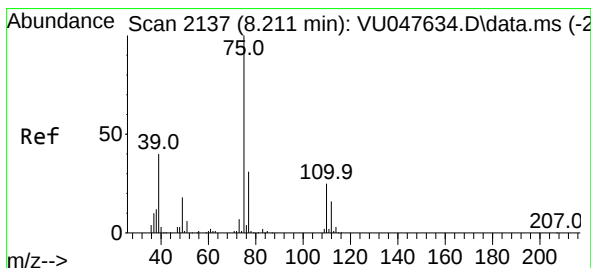
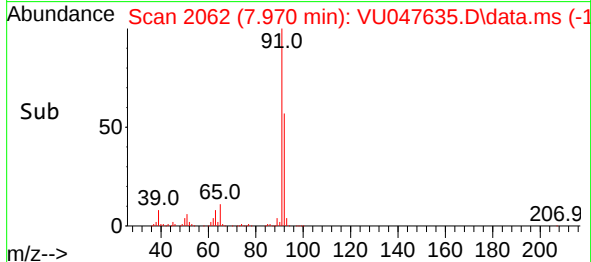
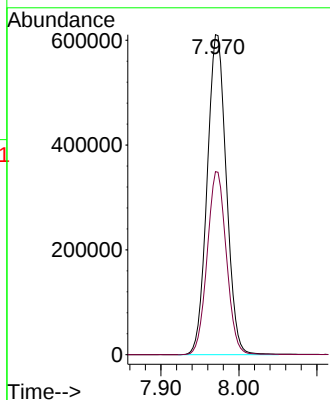
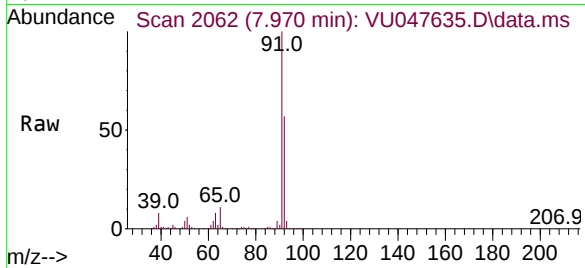




#42
Toluene
Concen: 110.157 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

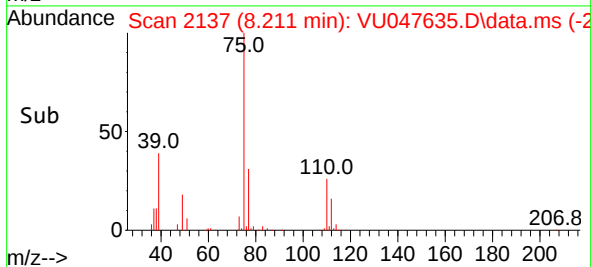
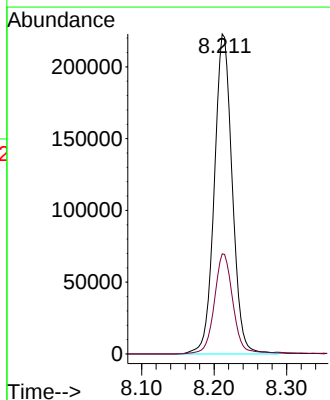
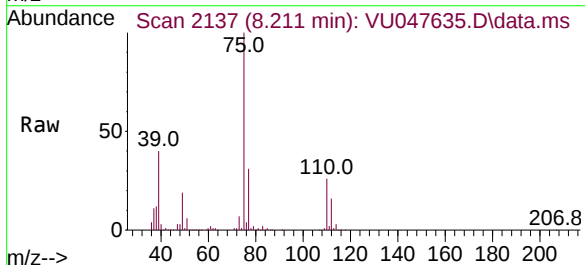
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

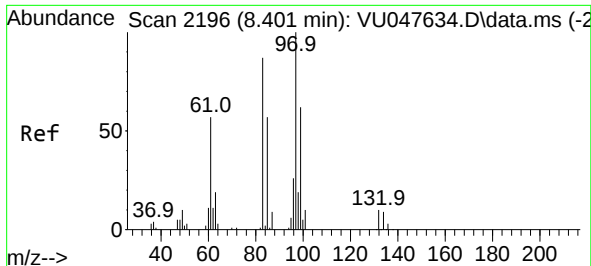
Tgt Ion: 91 Resp: 1042738
Ion Ratio Lower Upper
91 100
92 57.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 112.426 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 75 Resp: 382851
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8



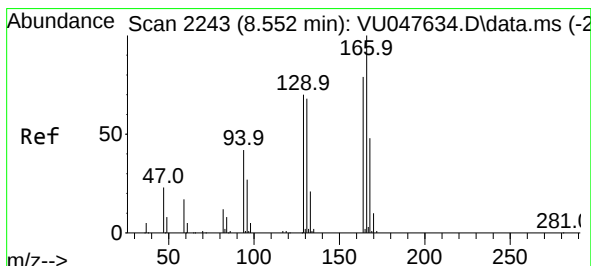
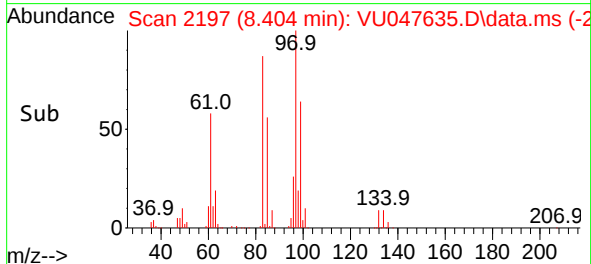
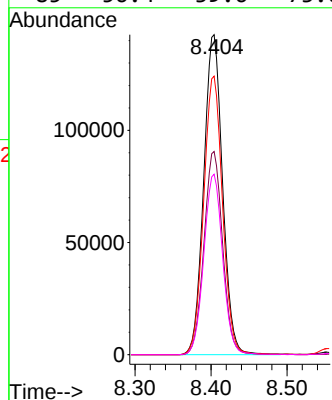
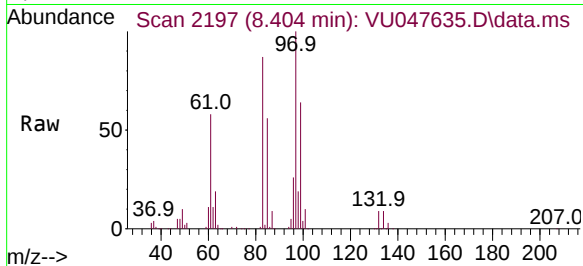


#45
1,1,2-Trichloroethane
Concen: 105.484 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

Tgt Ion: 97 Resp: 245771

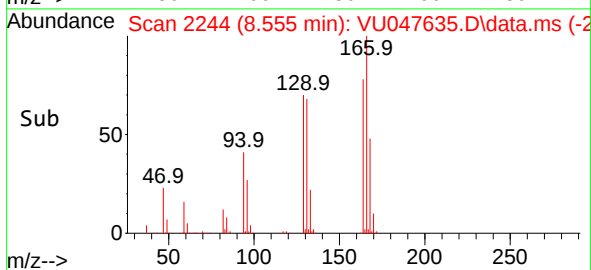
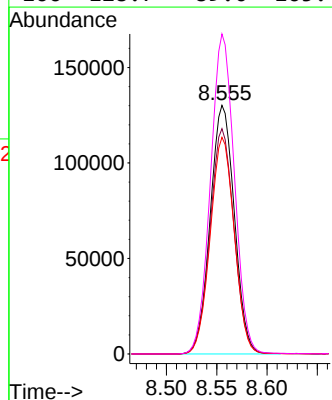
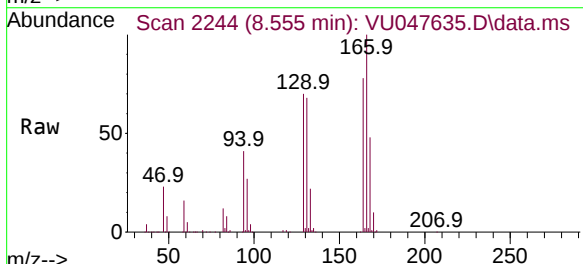
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.3
83	87.0	61.0	113.4
85	56.4	39.6	73.6

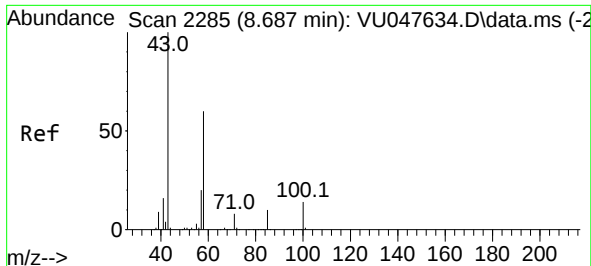


#46
Tetrachloroethene
Concen: 123.675 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 164 Resp: 217441

Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.4	116.0
131	87.1	60.7	112.7
166	128.7	89.0	165.4

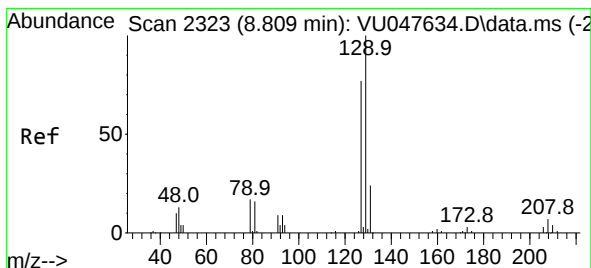
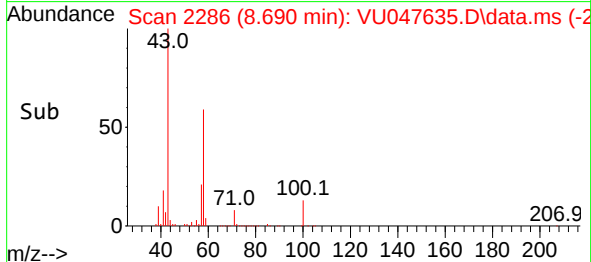
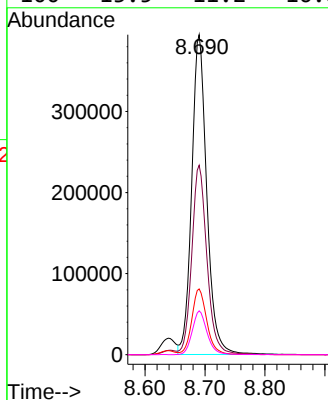
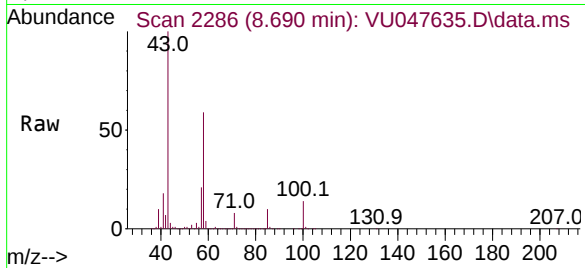




#48
2-Hexanone
Concen: 230.905 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

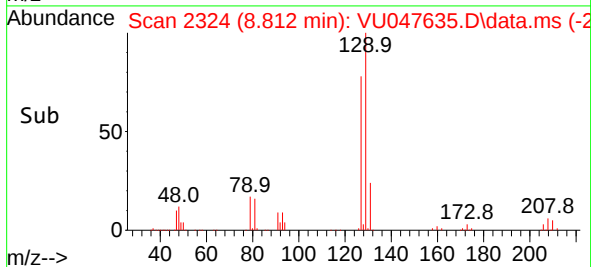
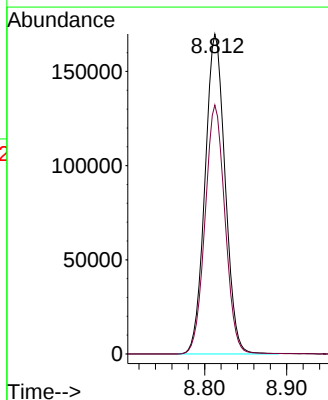
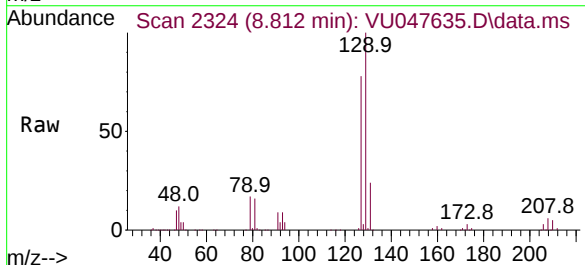
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

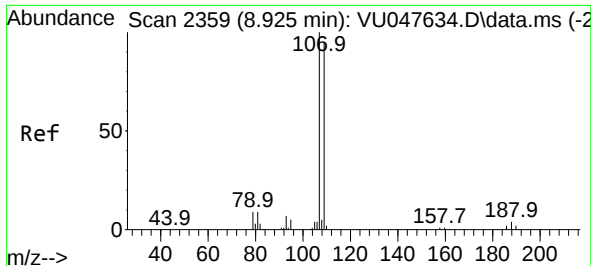
Tgt Ion: 43 Resp: 689610
Ion Ratio Lower Upper
43 100
58 59.4 48.1 72.1
57 20.4 16.2 24.4
100 13.5 11.2 16.8



#49
Dibromochloromethane
Concen: 117.041 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 129 Resp: 289027
Ion Ratio Lower Upper
129 100
127 77.8 54.2 100.6





#50

1,2-Dibromoethane

Concen: 111.299 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD100052

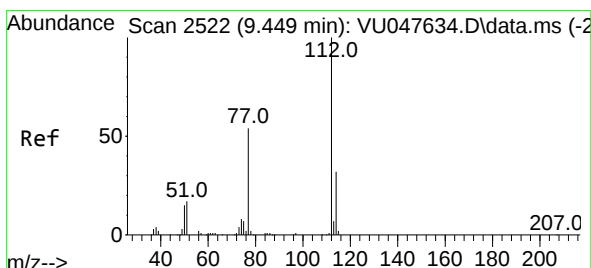
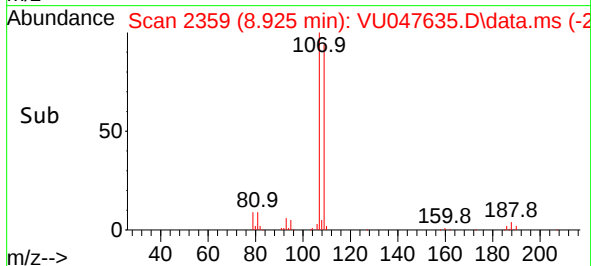
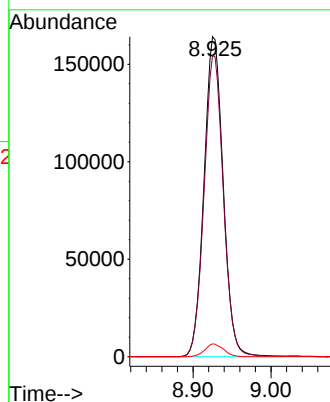
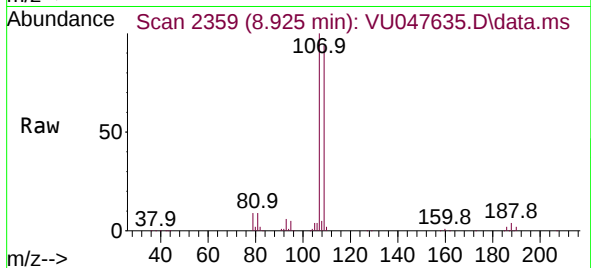
Tgt Ion:107 Resp: 280703

Ion Ratio Lower Upper

107 100

109 94.0 66.6 123.6

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 111.440 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

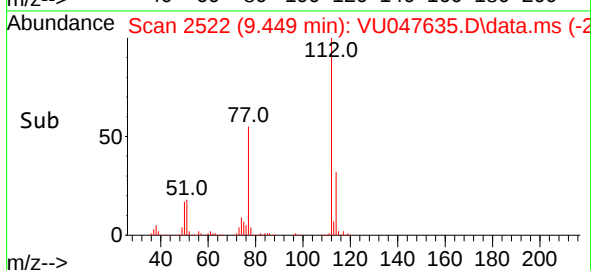
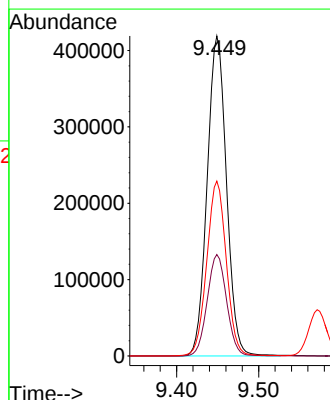
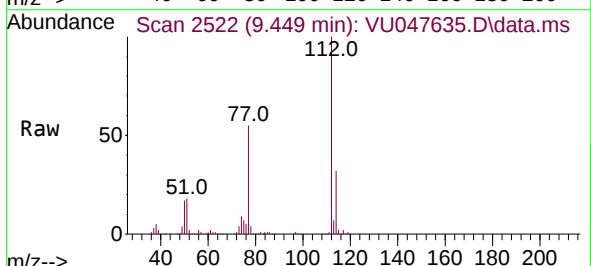
Tgt Ion:112 Resp: 685482

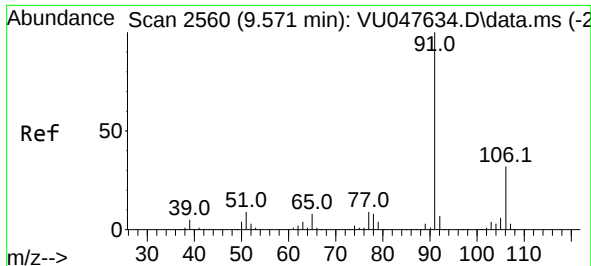
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 54.7 43.4 65.0

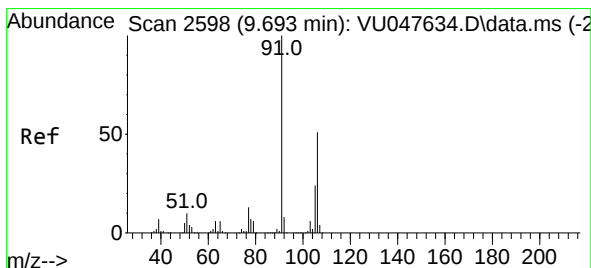
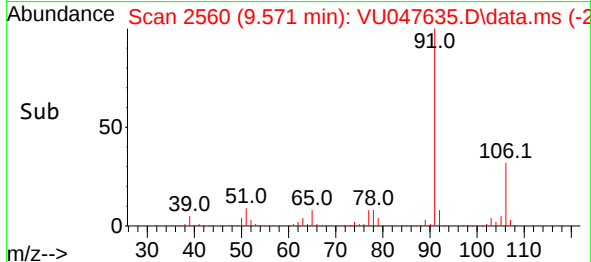
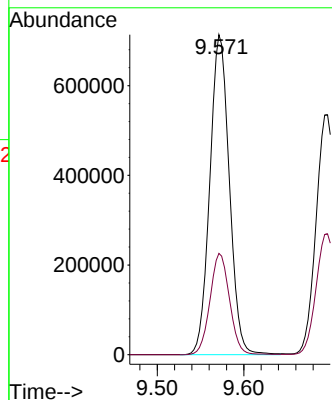
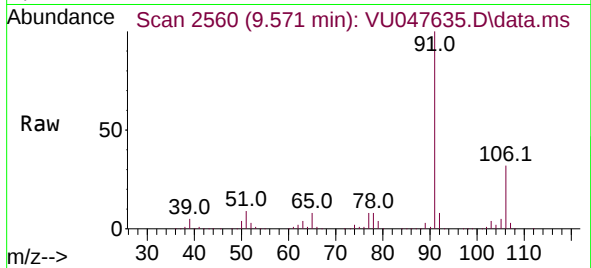




#52
Ethylbenzene
Concen: 111.450 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

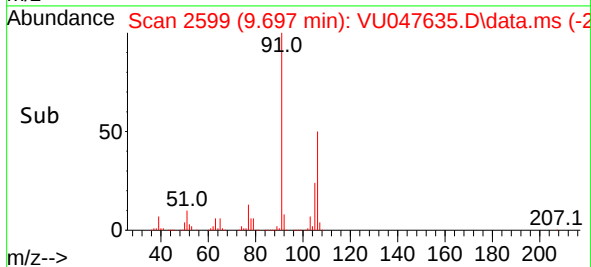
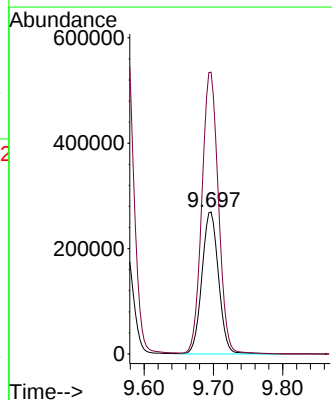
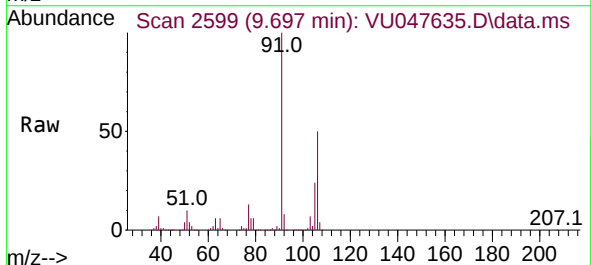
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

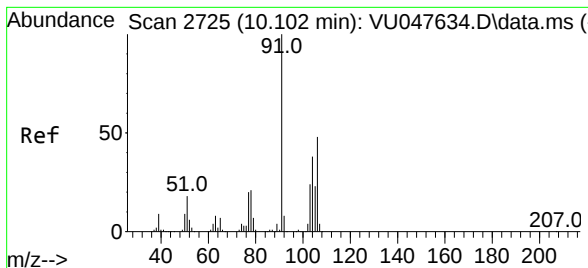
Tgt Ion: 91 Resp: 1115595
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 114.377 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion:106 Resp: 448693
Ion Ratio Lower Upper
106 100
91 198.5 137.7 255.7

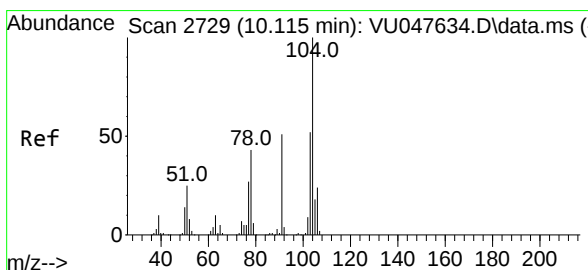
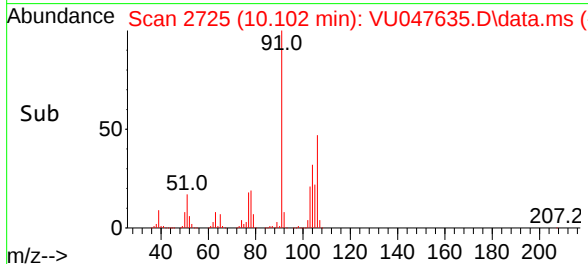
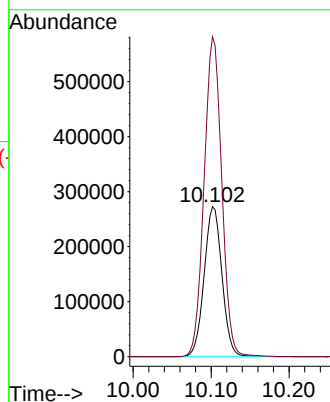
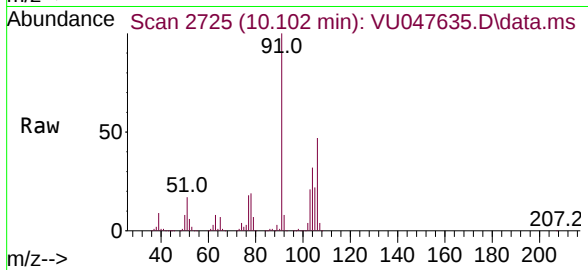




#54
o-Xylene
Concen: 113.089 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

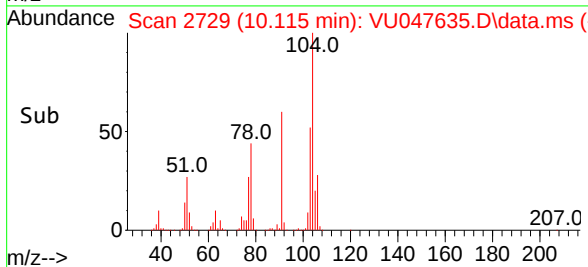
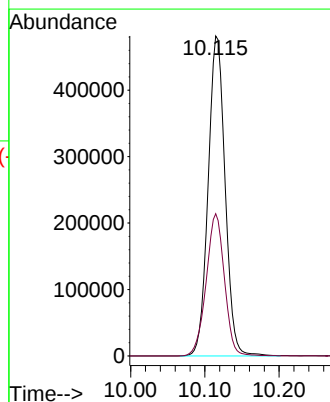
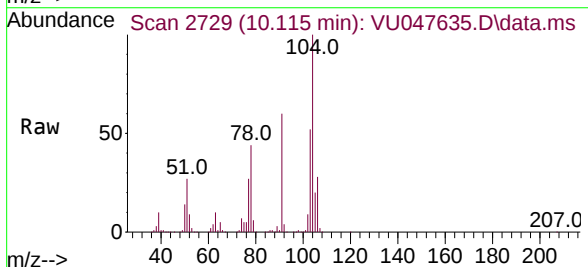
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

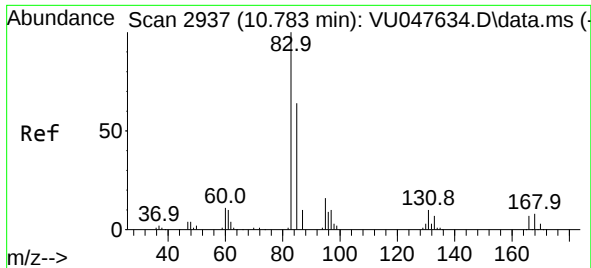
Tgt Ion:106 Resp: 432622
Ion Ratio Lower Upper
106 100
91 213.3 146.7 272.5



#55
Styrene
Concen: 117.285 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion:104 Resp: 762713
Ion Ratio Lower Upper
104 100
78 44.5 30.4 56.4

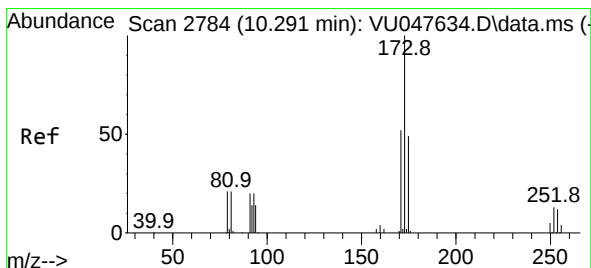
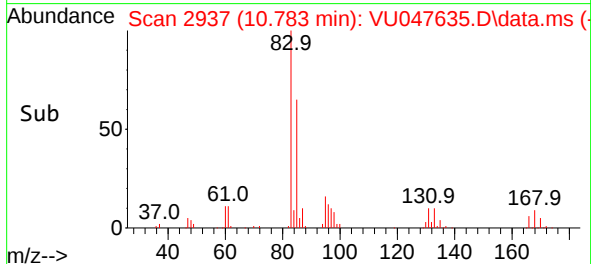
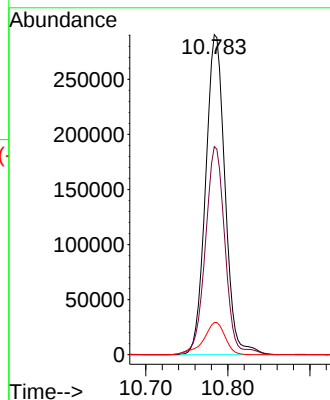
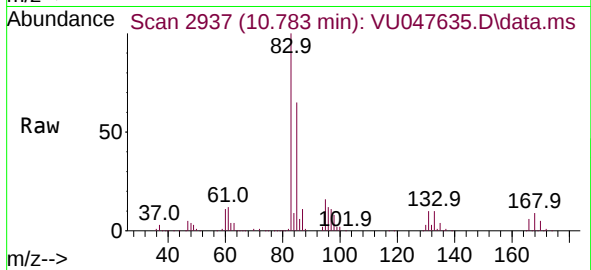




#57
1,1,2,2-Tetrachloroethane
Concen: 117.293 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

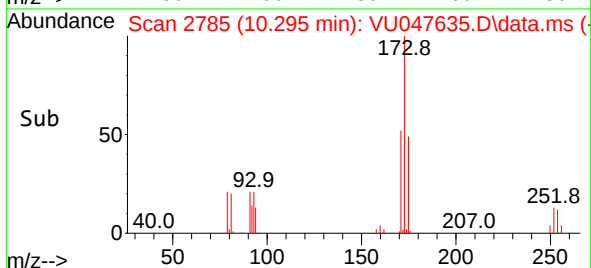
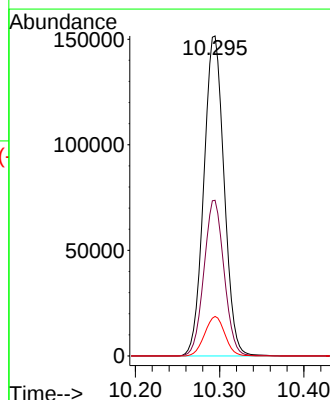
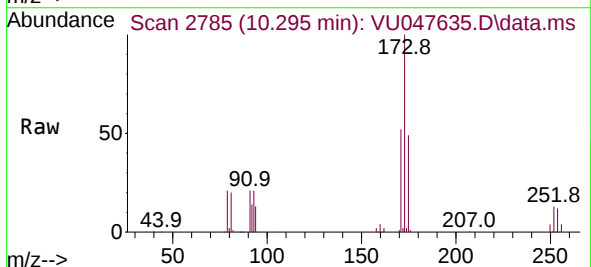
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

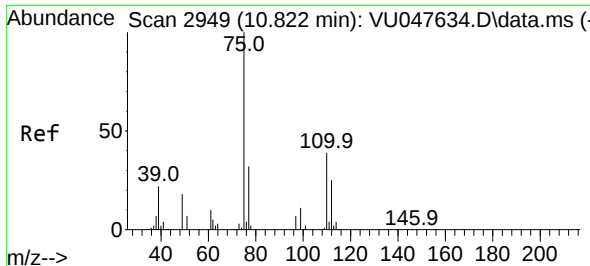
Tgt Ion: 83 Resp: 476218
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3
131 10.1 8.6 13.0



#59
Bromoform
Concen: 113.566 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion:173 Resp: 253745
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 12.3 9.6 14.4

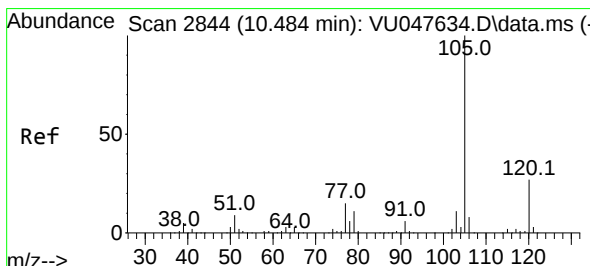
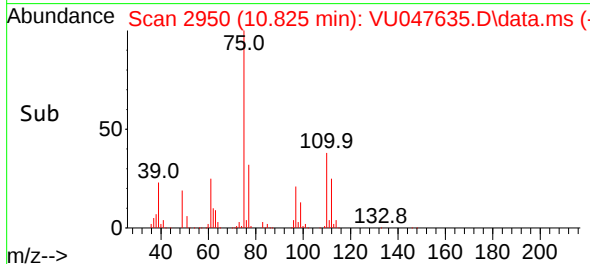
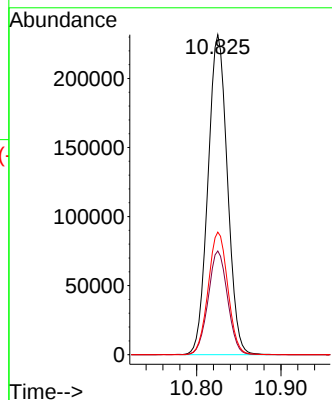
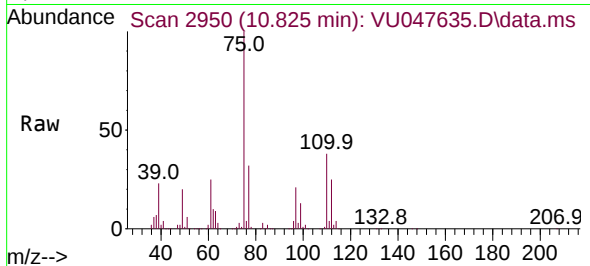




#60
1,2,3-Trichloropropane
Concen: 92.264 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

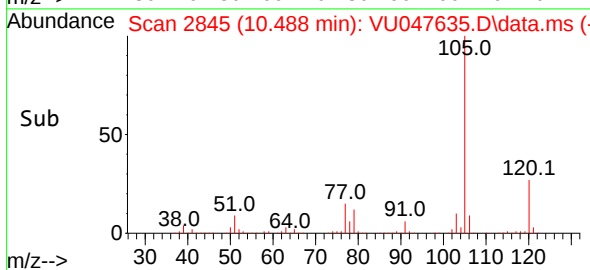
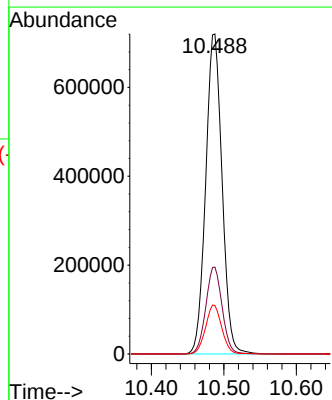
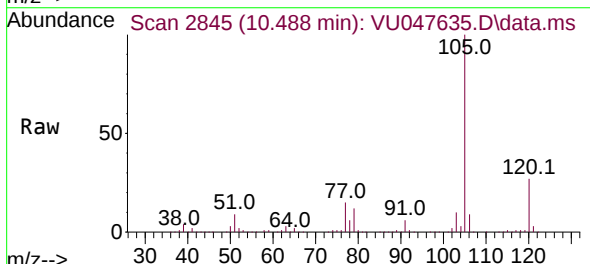
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

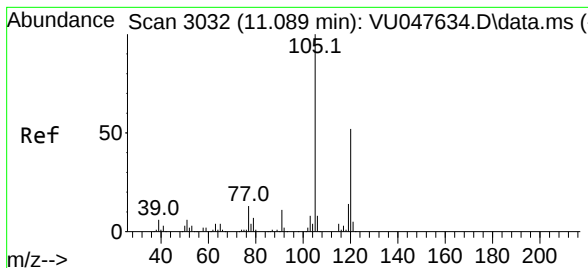
Tgt Ion: 75 Resp: 371815
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 38.7 31.4 47.2



#61
Isopropylbenzene
Concen: 96.362 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion: 105 Resp: 1127693
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.2 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 69.590 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

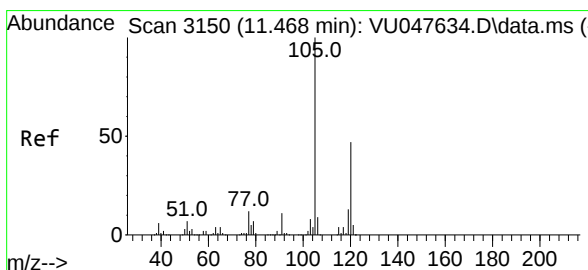
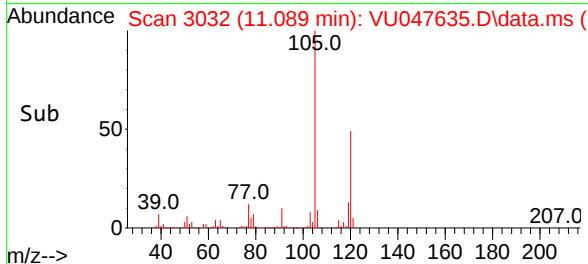
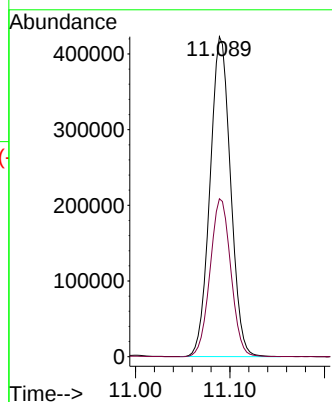
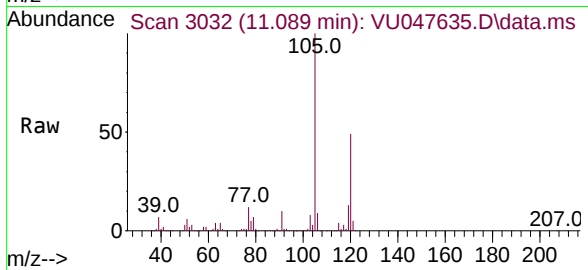
VSTD100052

Tgt Ion:105 Resp: 638144

Ion Ratio Lower Upper

105 100

120 49.9 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 101.760 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047635.D

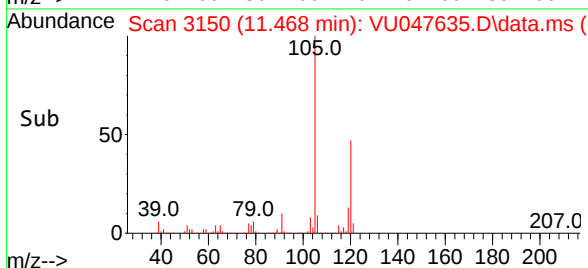
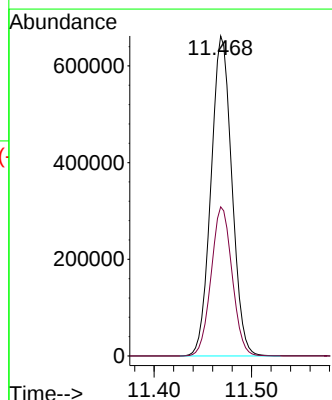
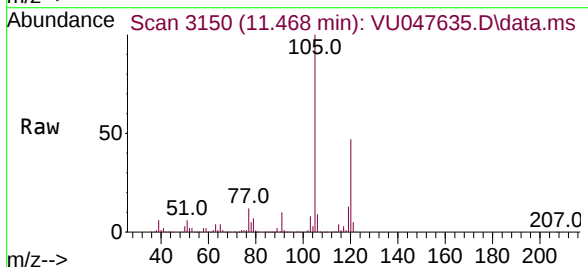
Acq: 24 Mar 2022 14:27

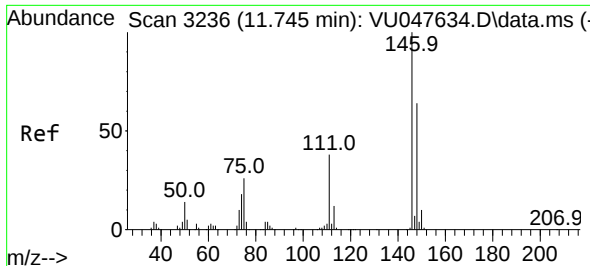
Tgt Ion:105 Resp: 985741

Ion Ratio Lower Upper

105 100

120 46.8 37.6 56.4

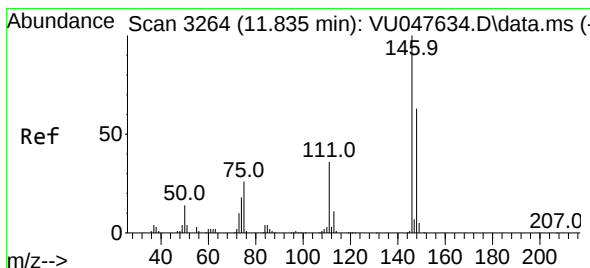
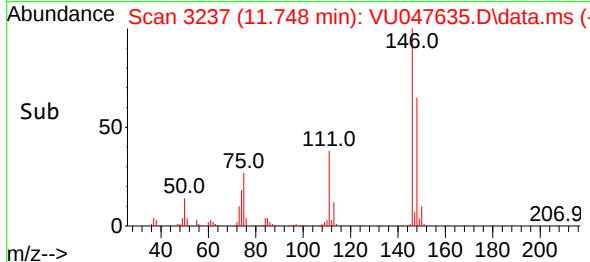
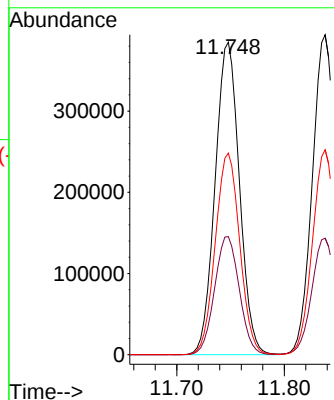
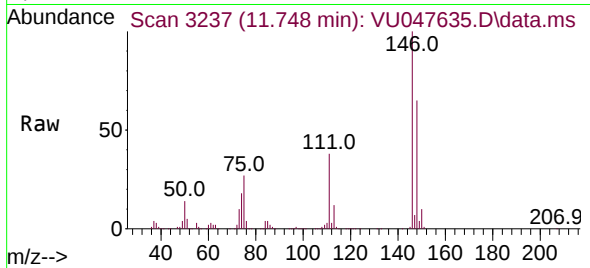




#64
1,3-Dichlorobenzene
Concen: 105.573 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

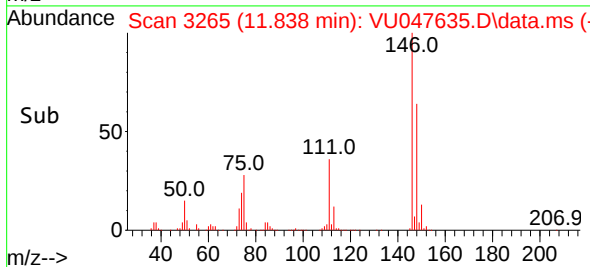
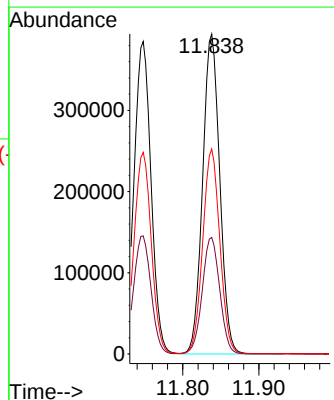
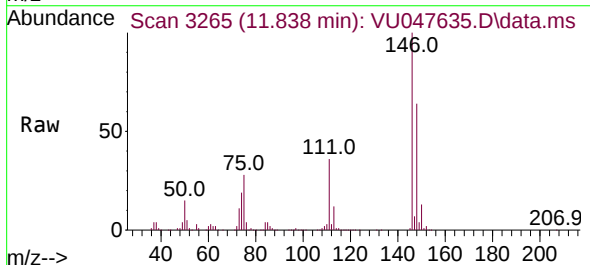
Instrument :
MSVOA_U
ClientSampleId :
VSTD100052

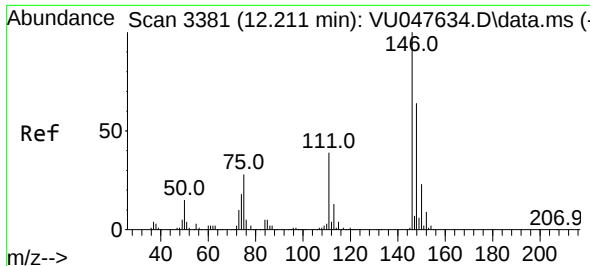
Tgt Ion:146 Resp: 604230
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 104.196 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047635.D
Acq: 24 Mar 2022 14:27

Tgt Ion:146 Resp: 617027
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 64.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 104.661 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD100052

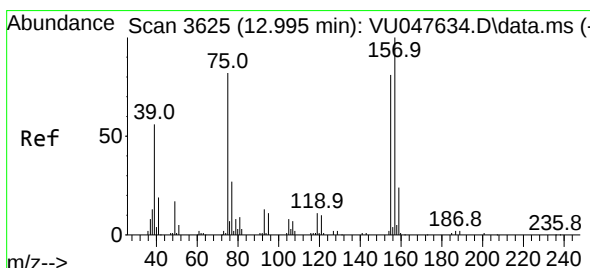
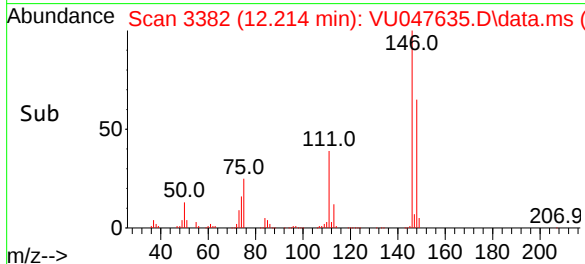
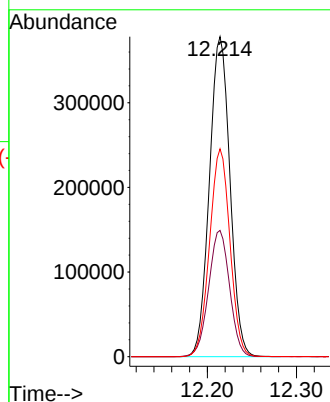
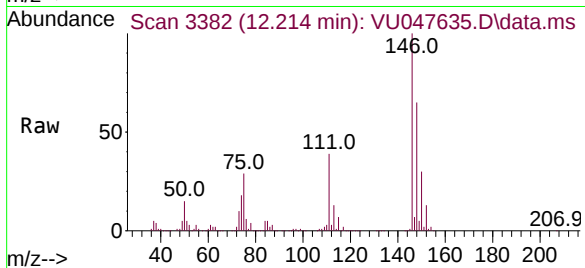
Tgt Ion:146 Resp: 605054

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 64.9 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 108.990 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

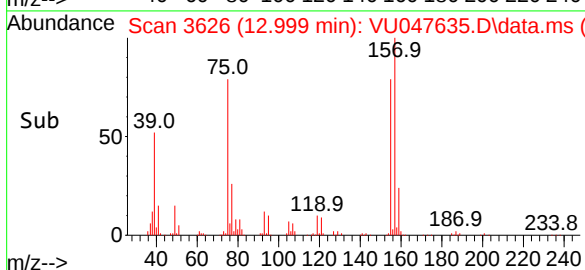
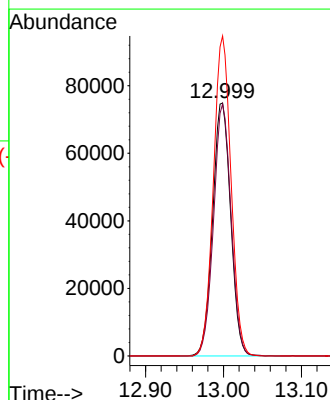
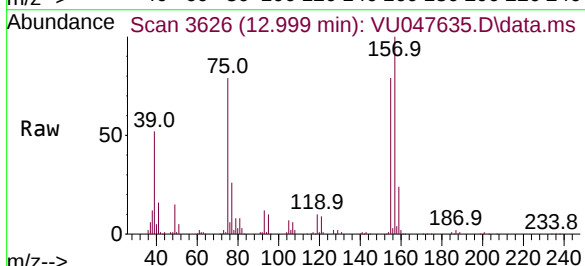
Tgt Ion: 75 Resp: 120350

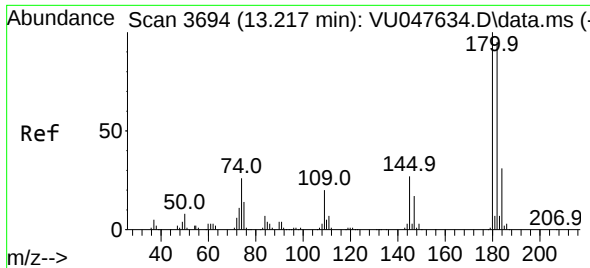
Ion Ratio Lower Upper

75 100

155 99.6 78.9 118.3

157 126.5 97.5 146.3



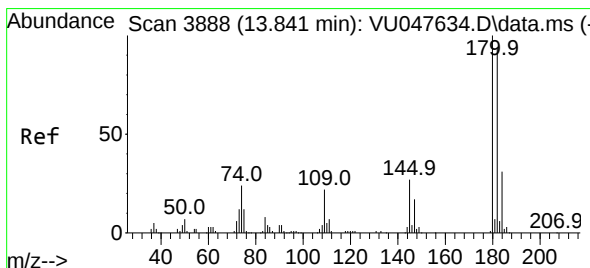
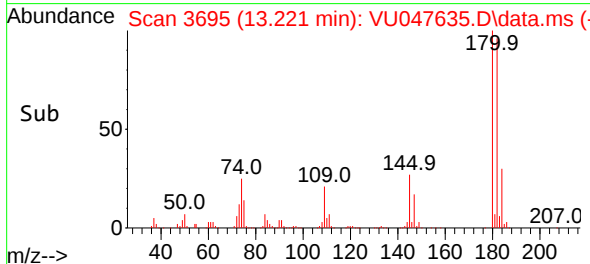
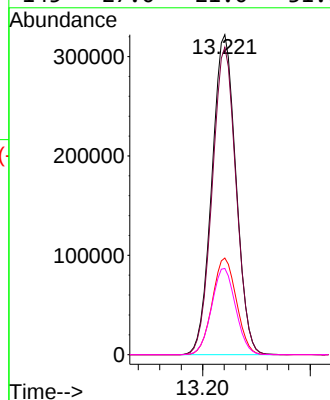
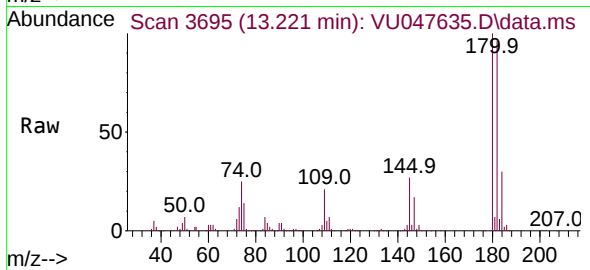


#69
 1,3,5-Trichlorobenzene
 Concen: 118.090 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100052

Tgt Ion:180 Resp: 499522

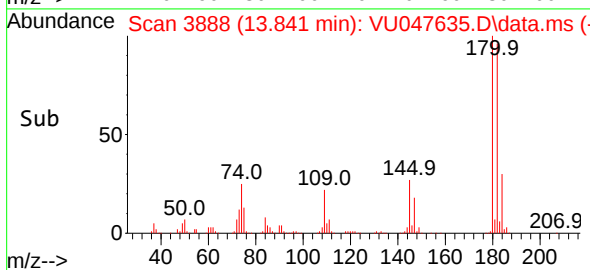
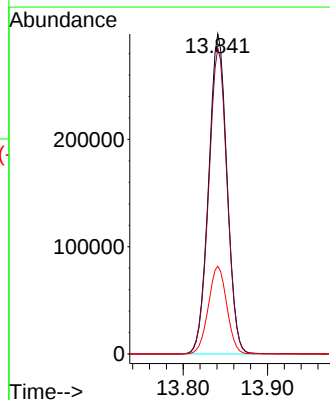
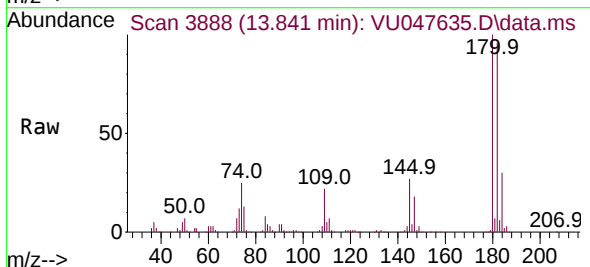
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.6
184	30.3	24.5	36.7
145	27.0	21.0	31.6

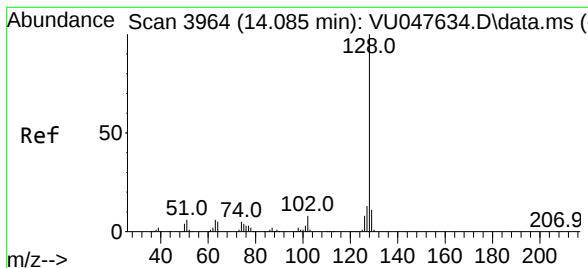


#70
 1,2,4-trichlorobenzene
 Concen: 120.624 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047635.D
 Acq: 24 Mar 2022 14:27

Tgt Ion:180 Resp: 452368

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
145	27.5	21.8	32.8





#71

Naphthalene

Concen: 113.050 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD100052

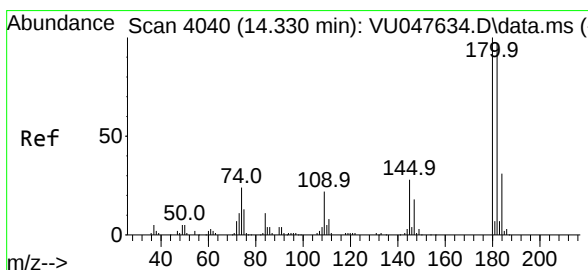
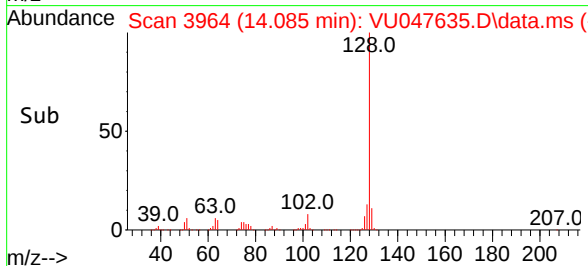
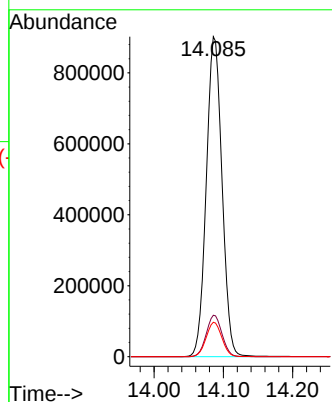
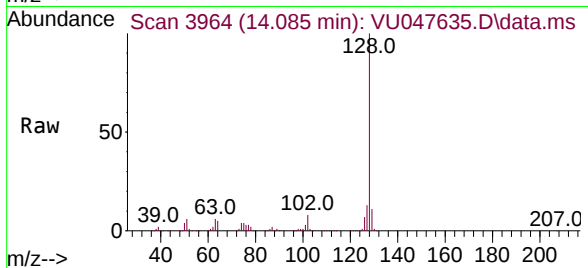
Tgt Ion:128 Resp: 1417853

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 118.621 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047635.D

Acq: 24 Mar 2022 14:27

Tgt Ion:180 Resp: 450563

Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

145 29.2 22.8 34.2

