

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047675.D
 Acq On : 25 Mar 2022 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Quant Time: Mar 26 02:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:04:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	215404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112538	45.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.220%
7) Chloroethane-d5	1.916	69	96929	49.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	2.572	63	214419	46.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.960%
21) 2-Butanone-d5	4.636	46	239702	111.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.950%
24) Chloroform-d	5.067	84	228315	50.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.703	65	140845	50.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.620%
32) Benzene-d6	5.729	84	445247	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	6.694	67	139103	50.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	7.899	98	431540	49.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
43) trans-1,3-Dichloroprop...	8.182	79	69840	50.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.880%
47) 2-Hexanone-d5	8.636	63	183556	114.735	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	242411	51.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	192342	50.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	164730	51.651	ug/L	100
3) Chloromethane	1.523	50	156542	51.324	ug/L	100
5) Vinyl chloride	1.607	62	156600	50.343	ug/L	98
6) Bromomethane	1.861	94	90176	53.860	ug/L	98
8) Chloroethane	1.938	64	101029	51.737	ug/L	96
9) Trichlorofluoromethane	2.141	101	219380	50.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	132125	52.109	ug/L	97
12) 1,1-Dichloroethene	2.585	96	122085	51.736	ug/L	87
13) Acetone	2.652	43	201852	101.302	ug/L	99
14) Carbon disulfide	2.800	76	369057	49.478	ug/L	100
15) Methyl Acetate	2.957	43	168616	53.068	ug/L	99
16) Methylene chloride	3.051	84	140622	51.931	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	130422	51.242	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	389353	54.223	ug/L	99
19) 1,1-Dichloroethane	3.874	63	235237	53.589	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	148282	53.141	ug/L	97
22) 2-Butanone	4.716	43	272976	106.349	ug/L	98
23) Bromochloromethane	4.980	128	82818	54.058	ug/L	98
25) Chloroform	5.092	83	251289	53.172	ug/L	99

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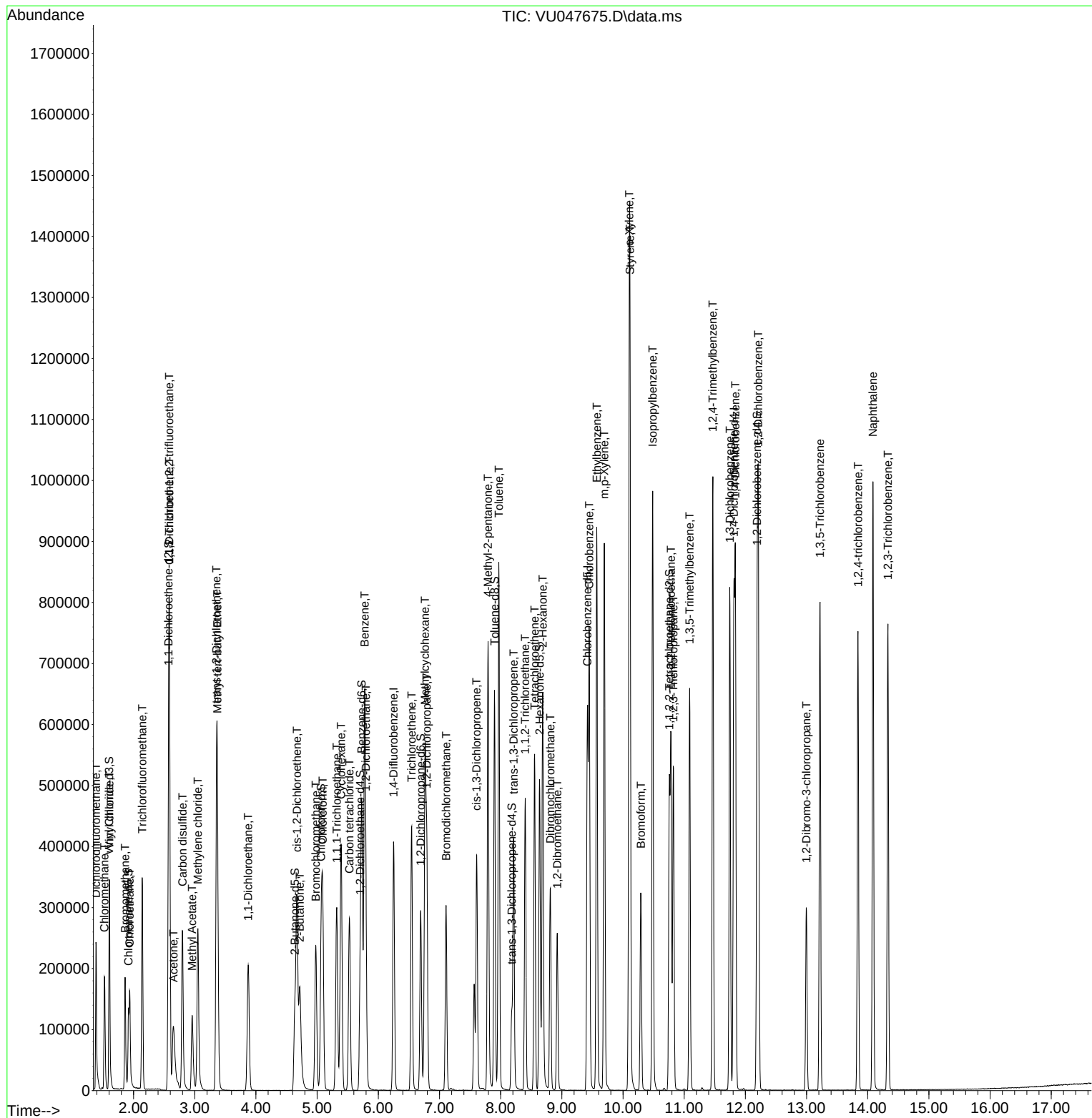
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	196243	53.747	ug/L	98
29) Cyclohexane	5.391	56	196196	54.673	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	217840	54.325	ug/L	99
31) Carbon tetrachloride	5.527	117	192229	53.087	ug/L	100
33) Benzene	5.777	78	558584	54.569	ug/L	100
34) Trichloroethene	6.546	95	145290	54.139	ug/L	99
35) Methylcyclohexane	6.764	83	218420	53.499	ug/L	98
37) 1,2-Dichloropropane	6.793	63	145760	56.013	ug/L	99
38) Bromodichloromethane	7.108	83	192656	53.913	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	223898	55.452	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	460633	112.000	ug/L	99
42) Toluene	7.970	91	627895	55.904	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	223010	55.318	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	146490	53.079	ug/L	98
46) Tetrachloroethene	8.555	164	127852	53.014	ug/L	99
48) 2-Hexanone	8.687	43	399659	112.969	ug/L	98
49) Dibromochloromethane	8.813	129	171644	53.697	ug/L	99
50) 1,2-Dibromoethane	8.925	107	167001	53.976	ug/L	100
51) Chlorobenzene	9.449	112	407281	53.405	ug/L	99
52) Ethylbenzene	9.571	91	653894	55.369	ug/L	99
53) m,p-Xylene	9.694	106	257177	55.499	ug/L	97
54) o-Xylene	10.102	106	253346	55.704	ug/L	100
55) Styrene	10.115	104	444269	57.215	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	275894	53.324	ug/L	98
59) Bromoform	10.292	173	145172	52.705	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	217297	53.512	ug/L	99
61) Isopropylbenzene	10.485	105	639305	54.916	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	348599	55.190	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	541850	56.475	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	341968	52.850	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	343000	51.177	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	341969	52.818	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	68847	52.929	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	270088	51.396	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	243937	52.996	ug/L	99
71) Naphthalene	14.086	128	772787	56.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	249715	54.117	ug/L	98

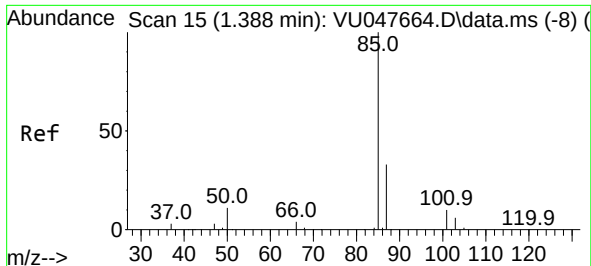
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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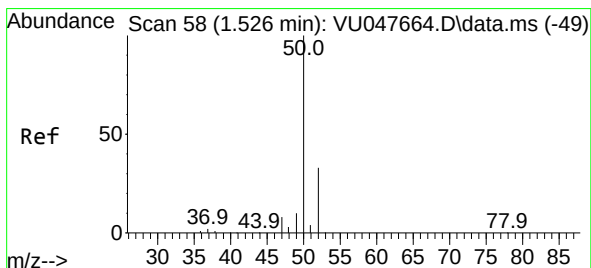
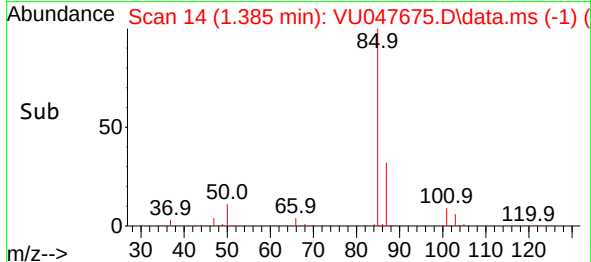
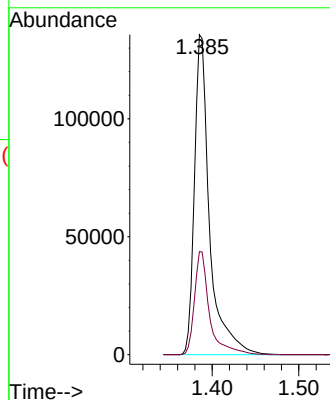
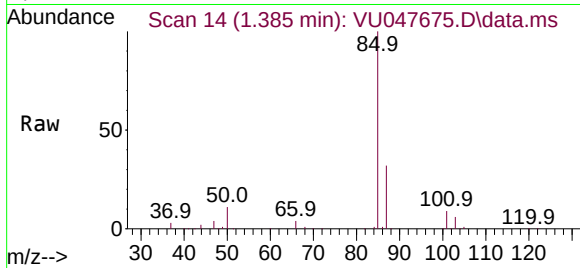




#2
Dichlorodifluoromethane
Concen: 51.651 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

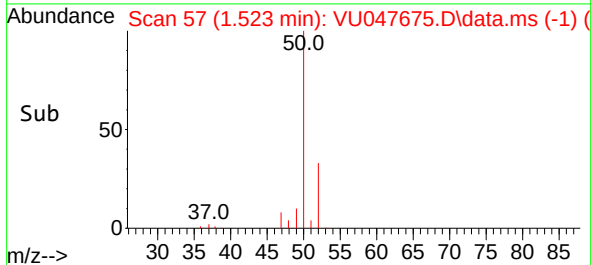
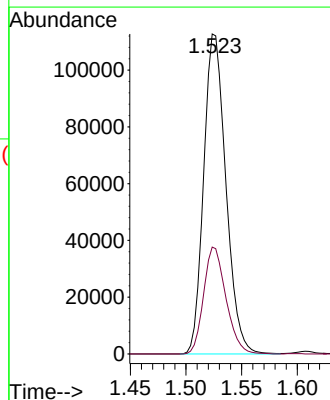
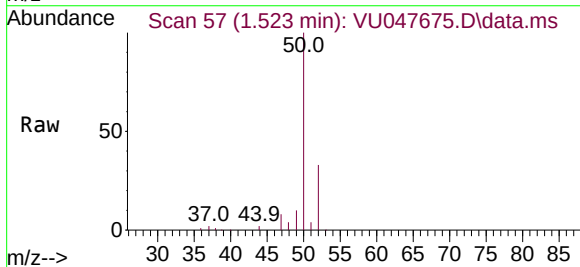
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

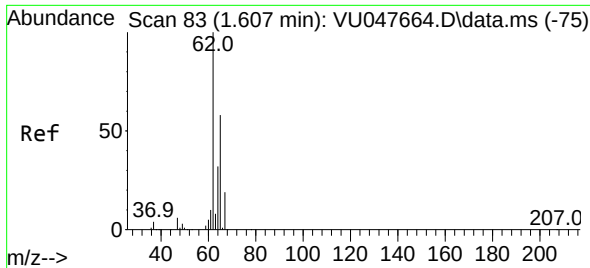
Tgt Ion: 85 Resp: 164730
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 51.324 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 50 Resp: 156542
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

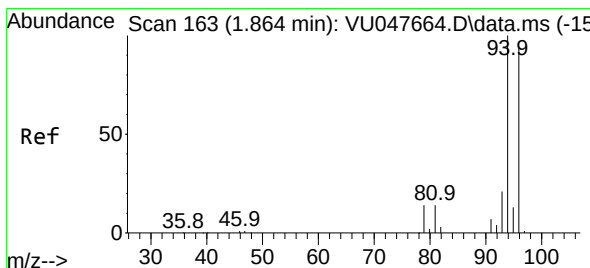
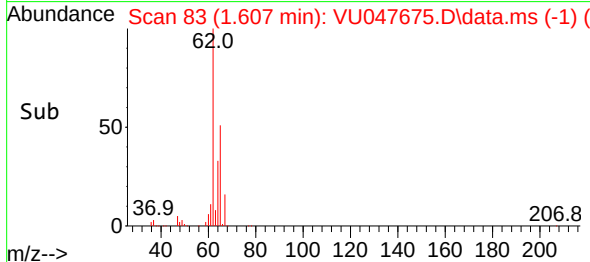
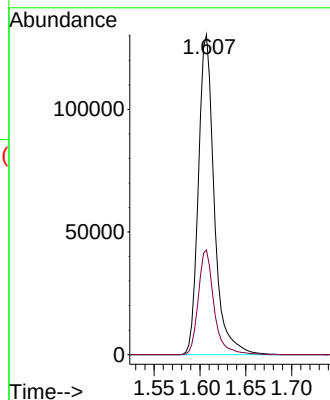
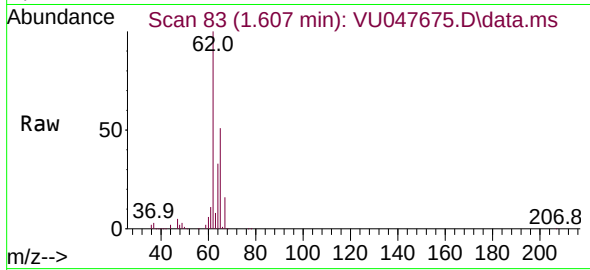




#5
 Vinyl chloride
 Concen: 50.343 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047675.D
 Acq: 25 Mar 2022 16:17

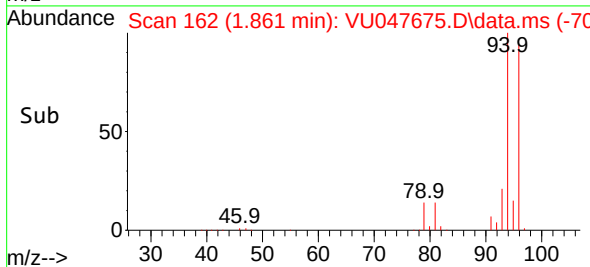
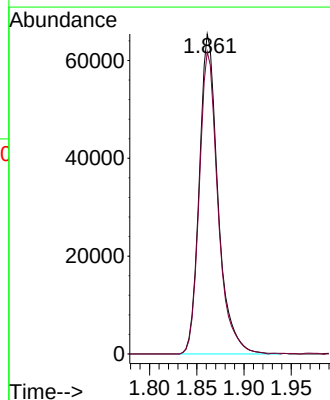
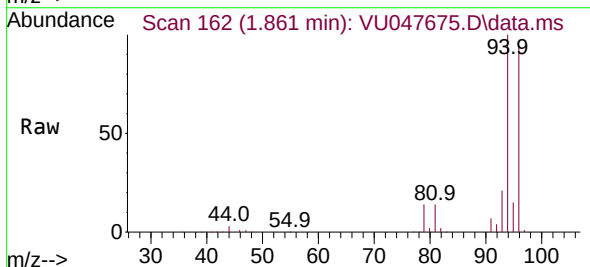
Instrument :
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 ClientSampleId :
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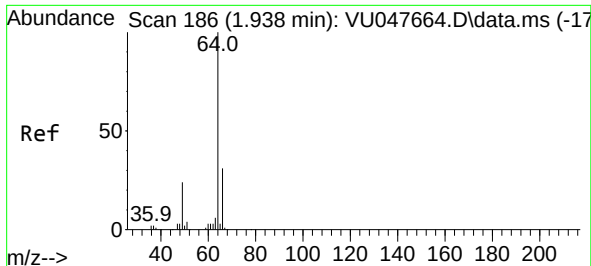
Tgt Ion: 62 Resp: 156600
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#6
 Bromomethane
 Concen: 53.860 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047675.D
 Acq: 25 Mar 2022 16:17

Tgt Ion: 94 Resp: 90176
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.3

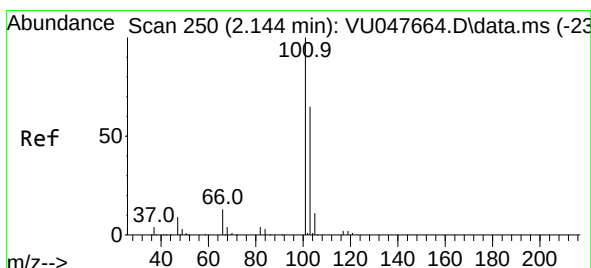
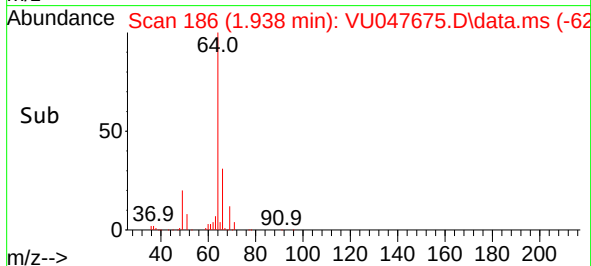
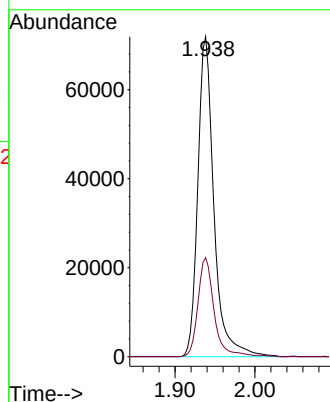
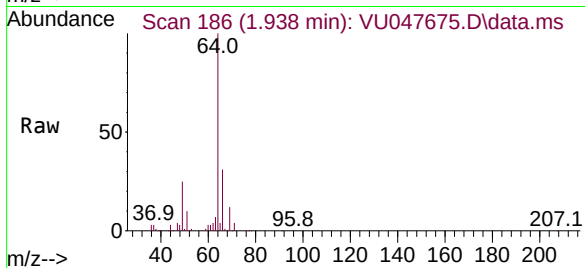




#8
Chloroethane
Concen: 51.737 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

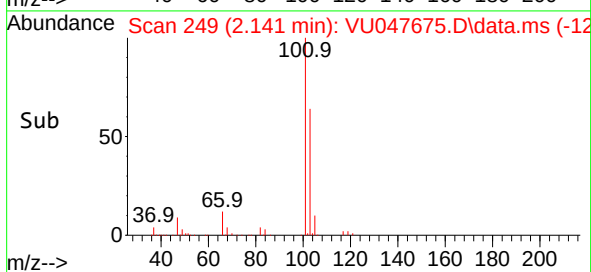
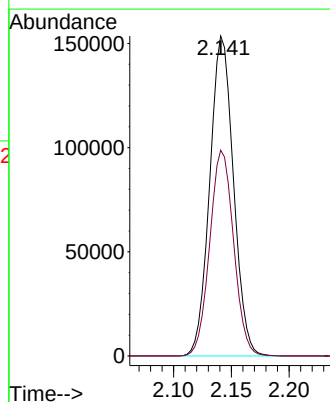
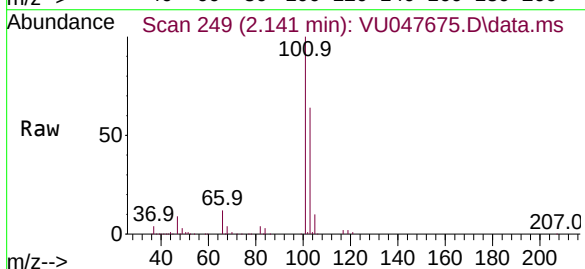
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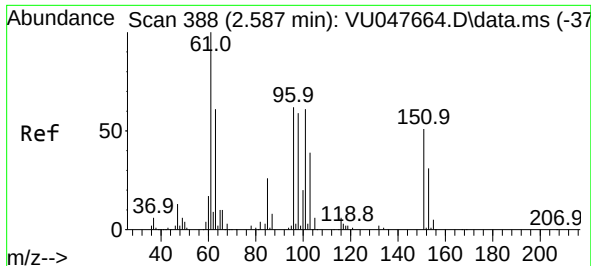
Tgt Ion: 64 Resp: 101029
Ion Ratio Lower Upper
64 100
66 30.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 50.012 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:101 Resp: 219380
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

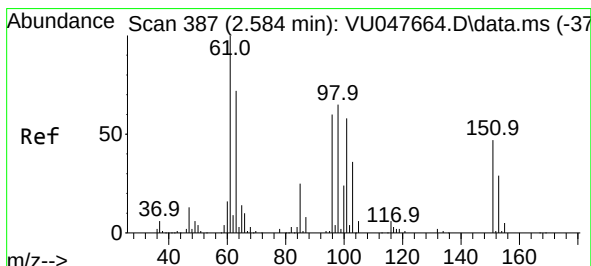
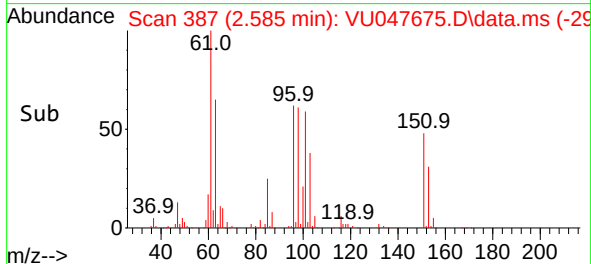
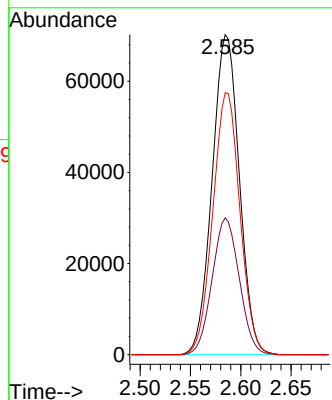
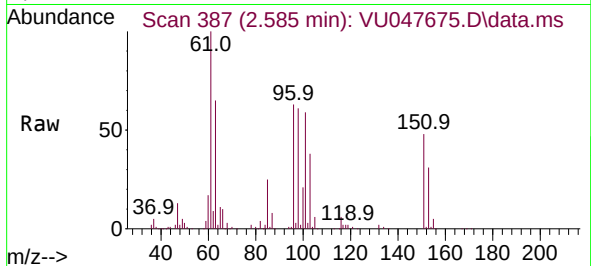




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.109 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

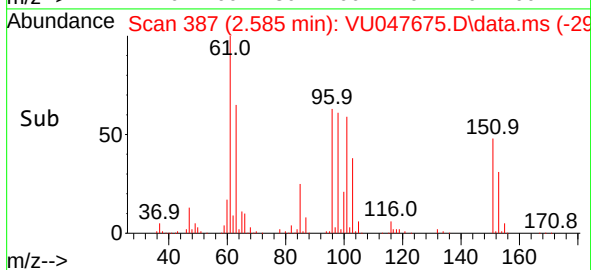
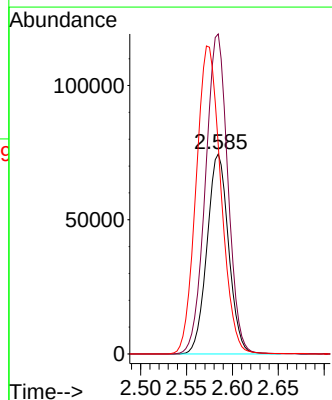
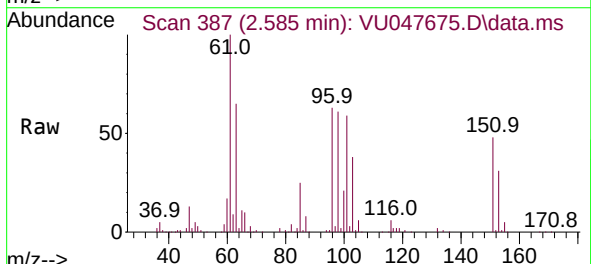
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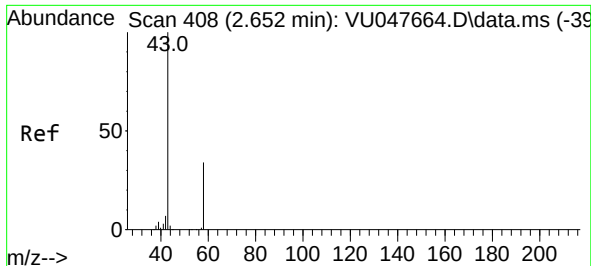
Tgt Ion:101 Resp: 132125
Ion Ratio Lower Upper
101 100
85 42.6 32.8 49.2
151 81.6 63.0 94.6



#12
1,1-Dichloroethene
Concen: 51.736 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 96 Resp: 122085
Ion Ratio Lower Upper
96 100
61 160.0 113.1 210.1
63 104.3 94.8 176.0





#13

Acetone

Concen: 101.302 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

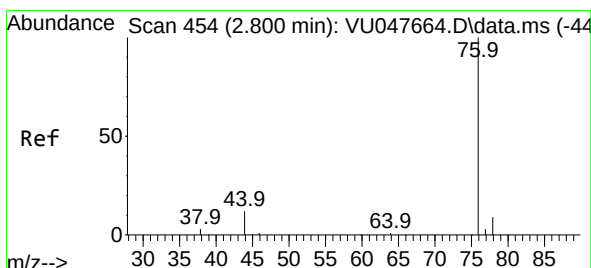
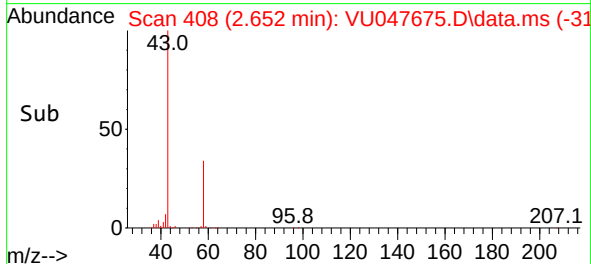
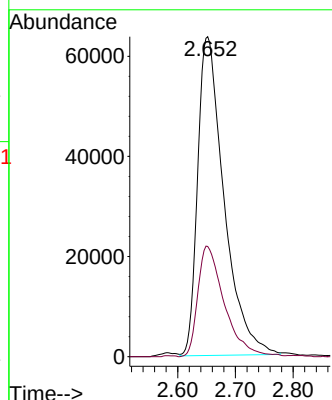
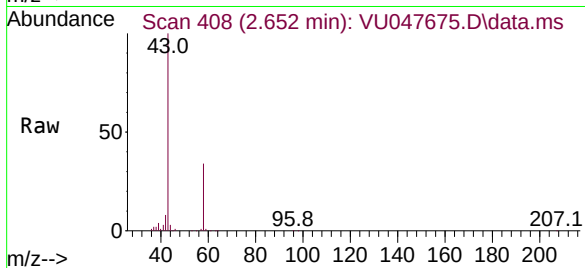
VSTD050177

Tgt Ion: 43 Resp: 201852

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#14

Carbon disulfide

Concen: 49.478 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047675.D

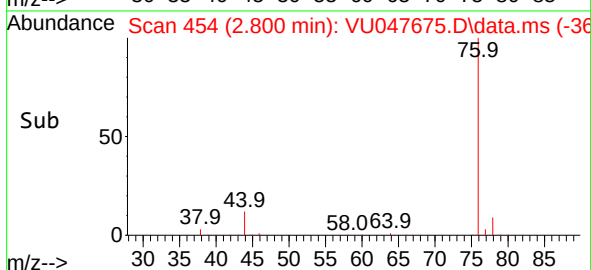
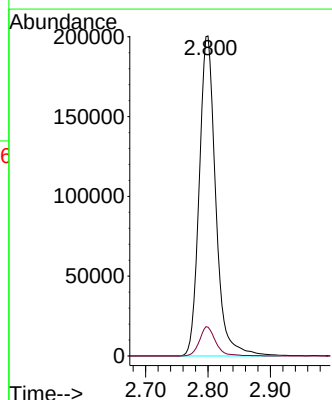
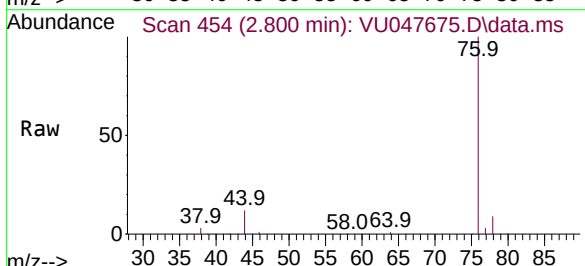
Acq: 25 Mar 2022 16:17

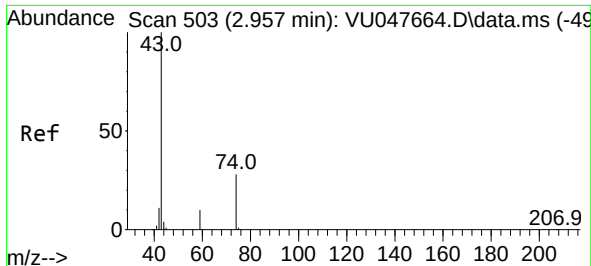
Tgt Ion: 76 Resp: 369057

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

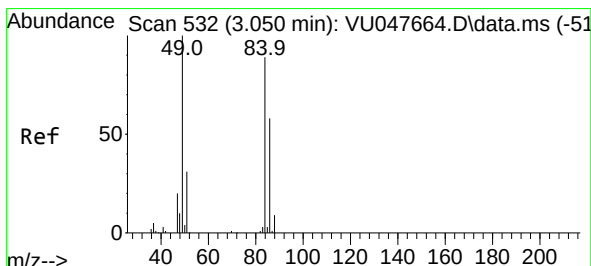
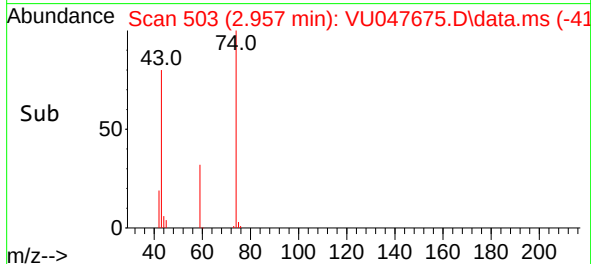
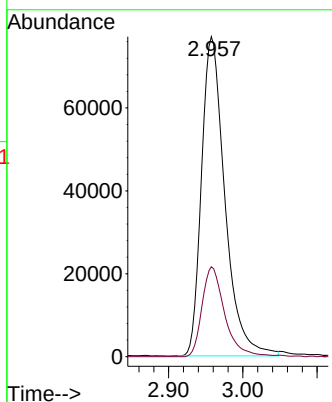
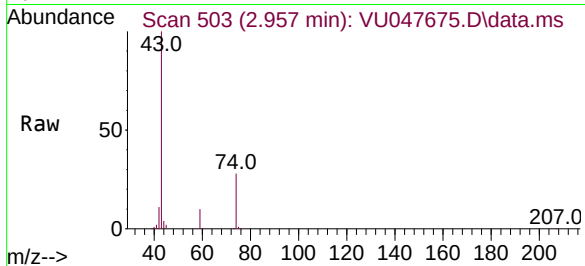




#15
Methyl Acetate
Concen: 53.068 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

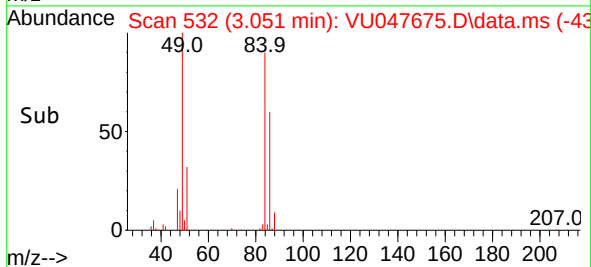
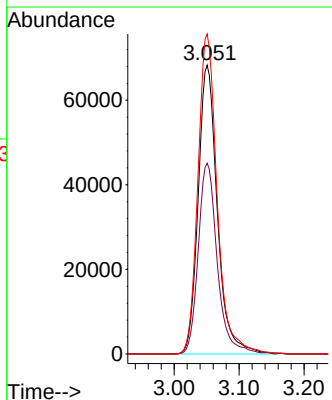
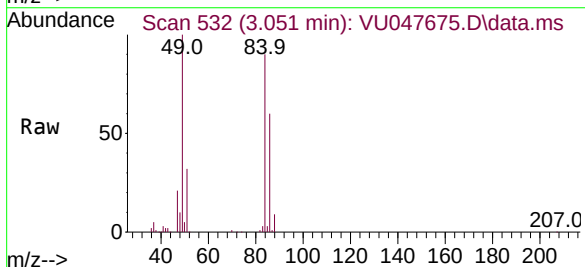
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

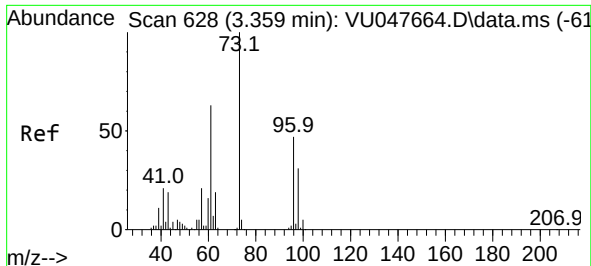
Tgt Ion: 43 Resp: 168616
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.2



#16
Methylene chloride
Concen: 51.931 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 84 Resp: 140622
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 110.8 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 51.242 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050177

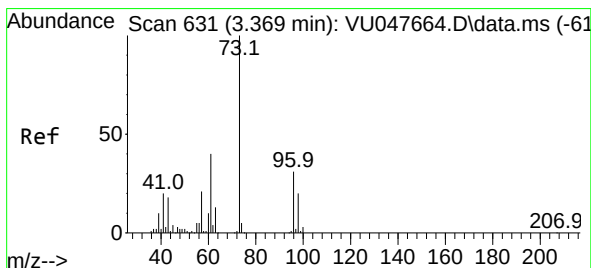
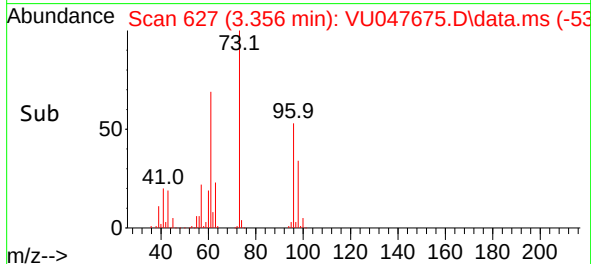
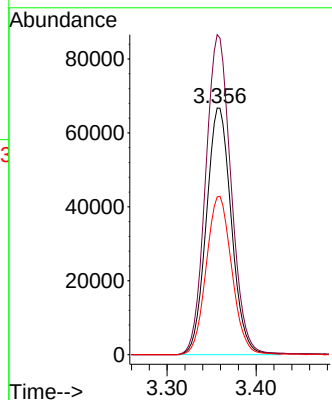
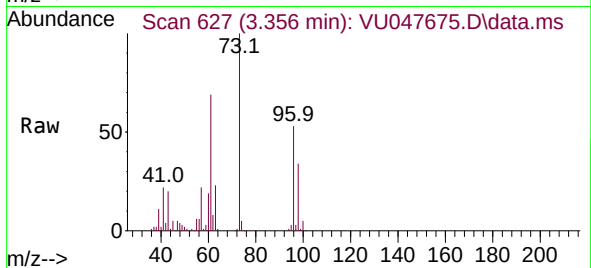
Tgt Ion: 96 Resp: 130422

Ion Ratio Lower Upper

96 100

61 129.7 88.4 164.2

98 64.0 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 54.223 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

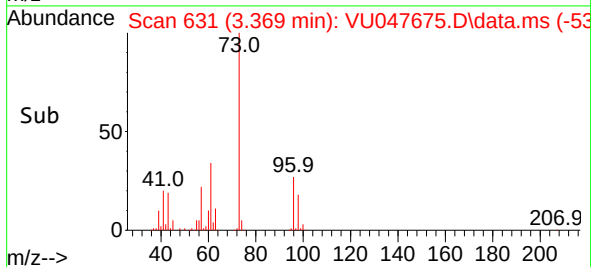
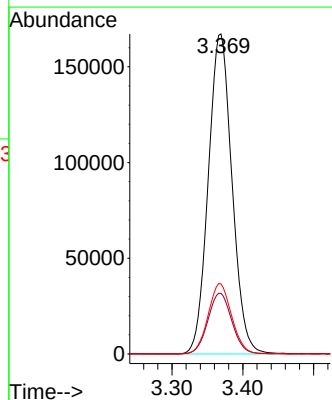
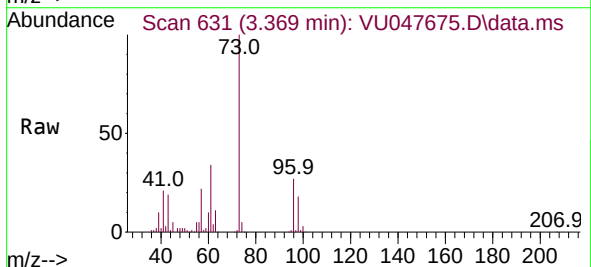
Tgt Ion: 73 Resp: 389353

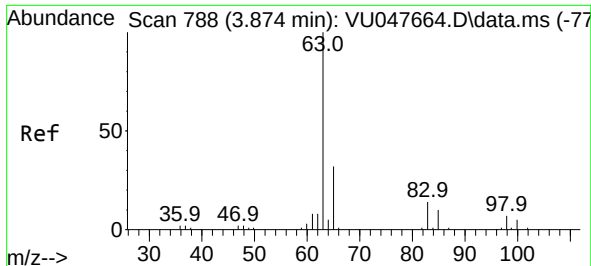
Ion Ratio Lower Upper

73 100

43 19.0 15.3 22.9

57 21.8 17.0 25.6

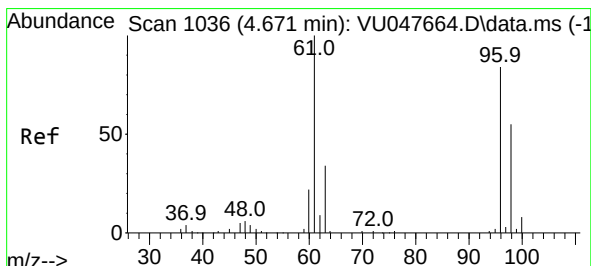
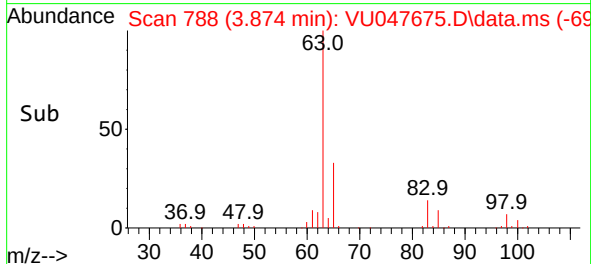
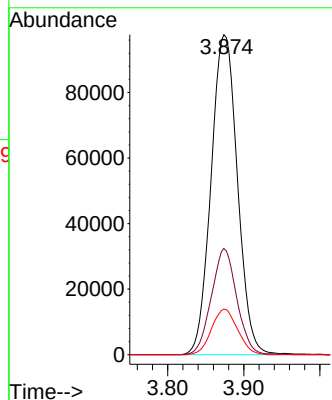
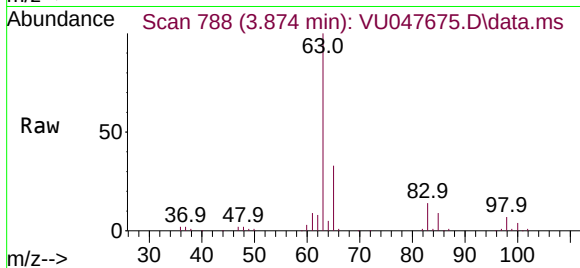




#19
1,1-Dichloroethane
Concen: 53.589 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

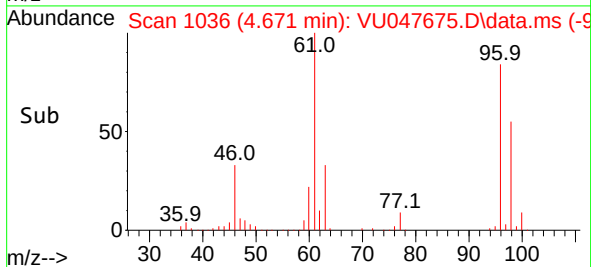
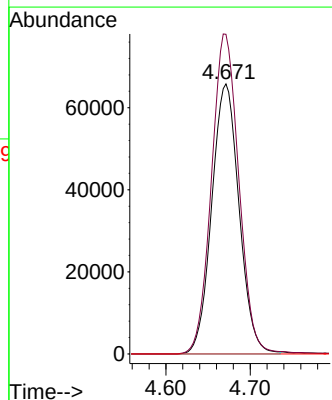
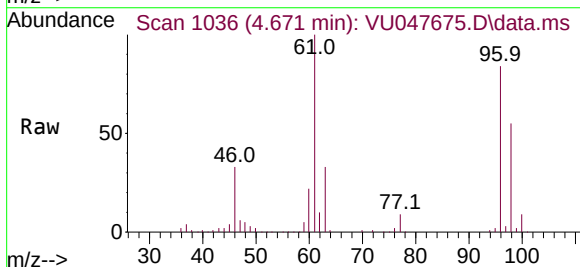
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

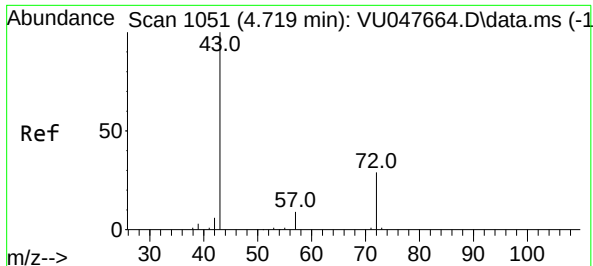
Tgt Ion: 63 Resp: 235237
Ion Ratio Lower Upper
63 100
65 33.2 22.0 41.0
83 14.3 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 53.141 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 96 Resp: 148282
Ion Ratio Lower Upper
96 100
61 118.4 80.7 149.9
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 106.349 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

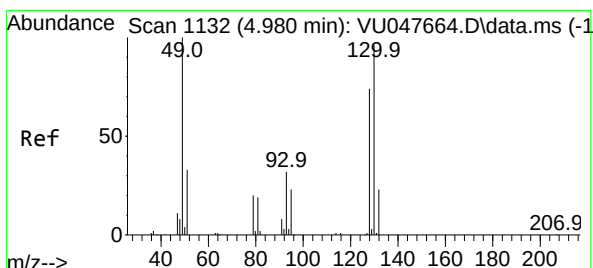
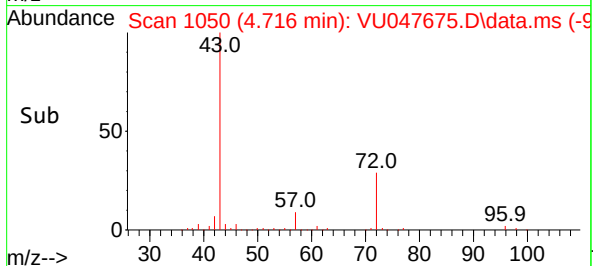
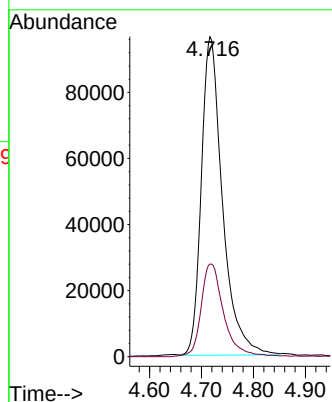
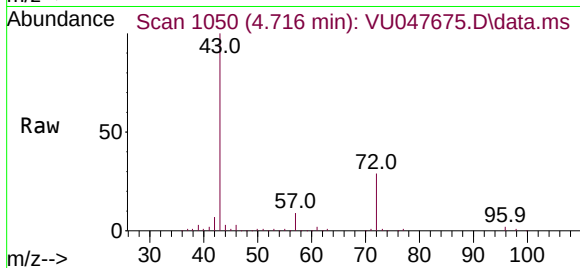
VSTD050177

Tgt Ion: 43 Resp: 272976

Ion Ratio Lower Upper

43 100

72 30.6 16.0 47.9



#23

Bromochloromethane

Concen: 54.058 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Tgt Ion:128 Resp: 82818

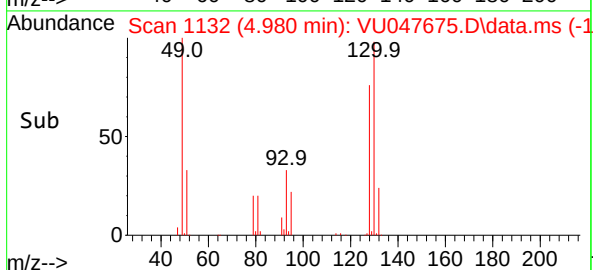
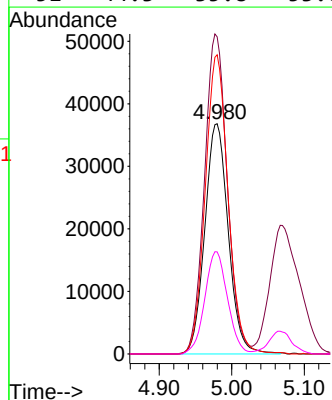
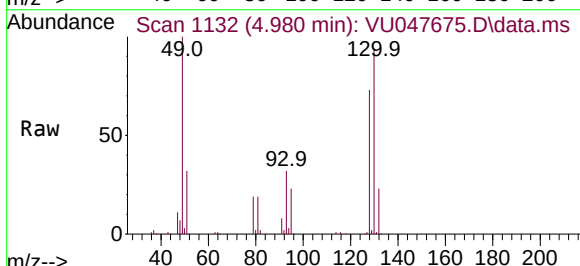
Ion Ratio Lower Upper

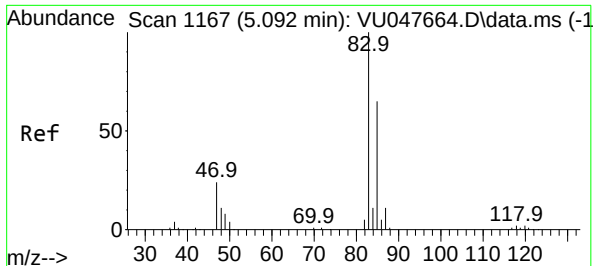
128 100

49 137.7 94.1 174.8

130 129.9 90.2 167.4

51 44.3 35.8 53.6

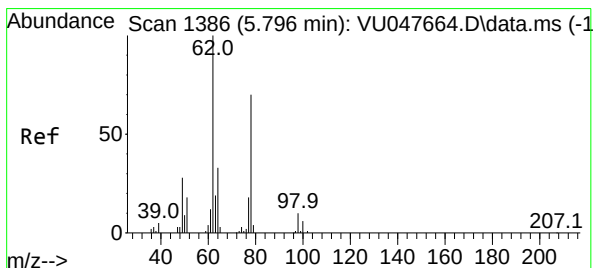
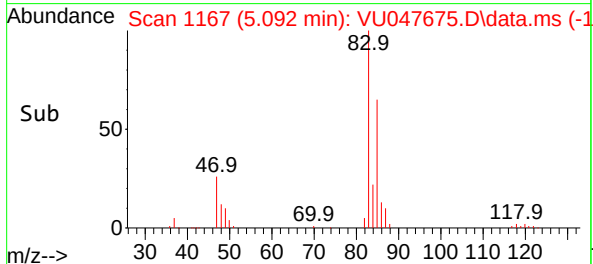
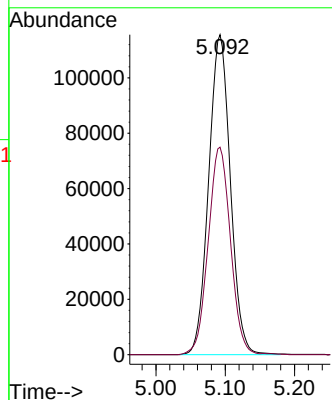
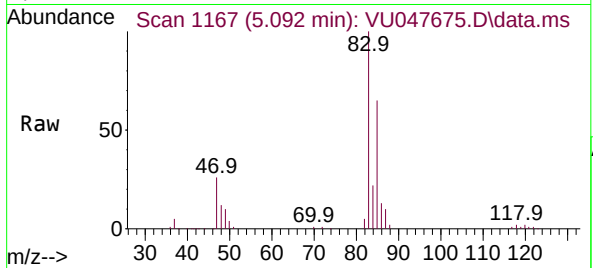




#25
Chloroform
Concen: 53.172 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

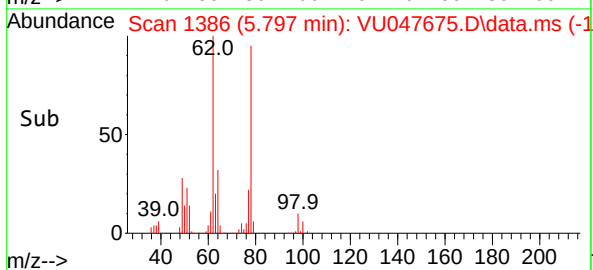
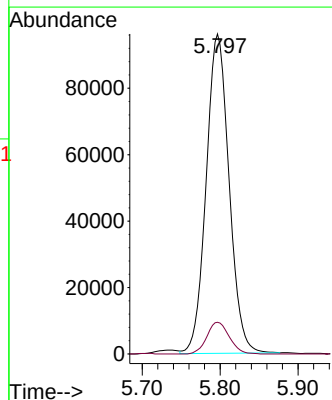
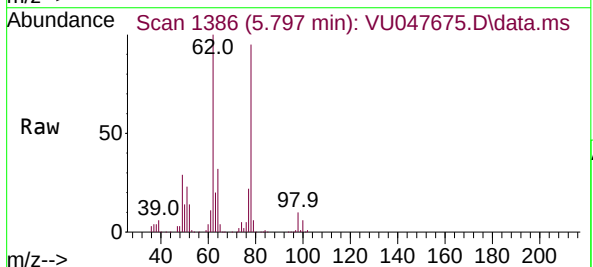
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

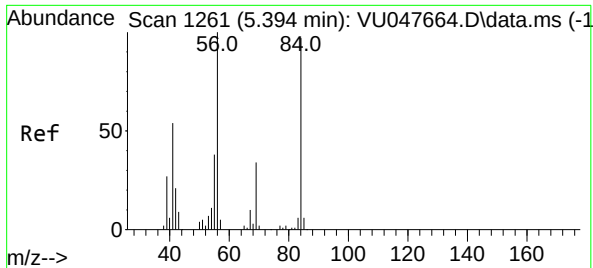
Tgt Ion: 83 Resp: 251289
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 53.747 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 62 Resp: 196243
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





#29

Cyclohexane

Concen: 54.673 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050177

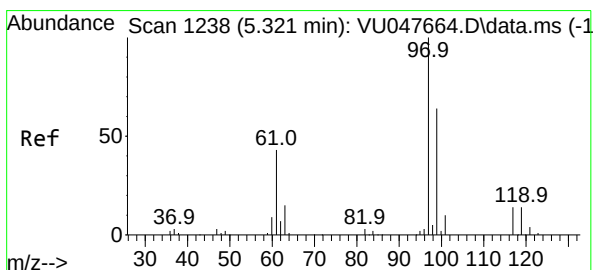
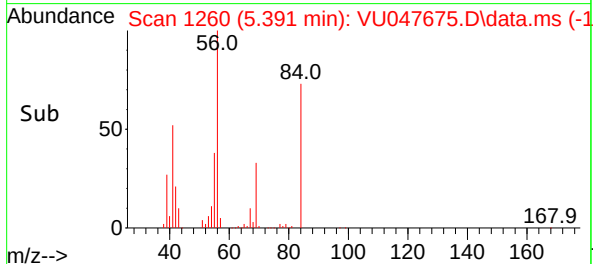
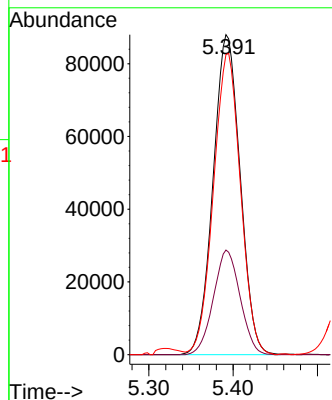
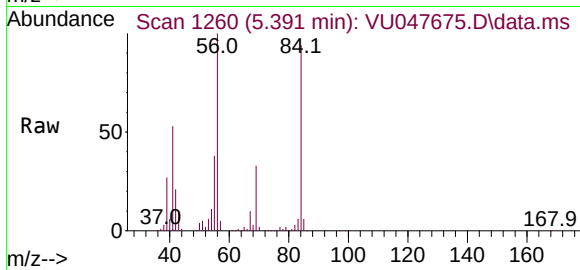
Tgt Ion: 56 Resp: 196196

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 94.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 54.325 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

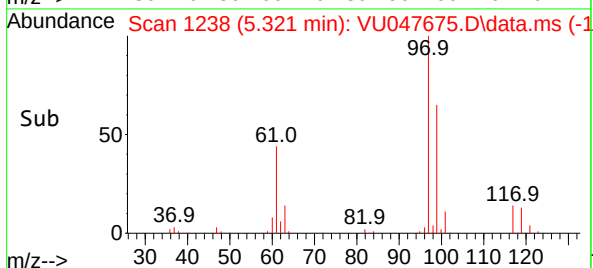
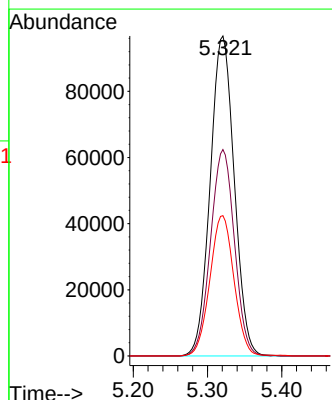
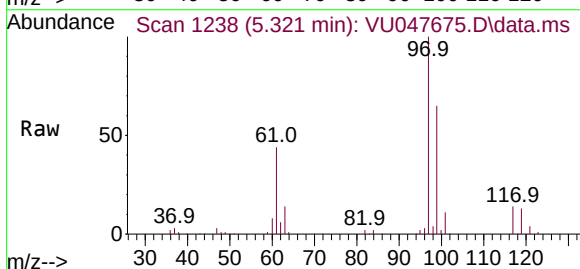
Tgt Ion: 97 Resp: 217840

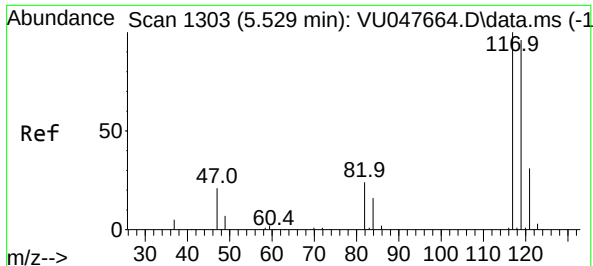
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.9 34.2 51.4

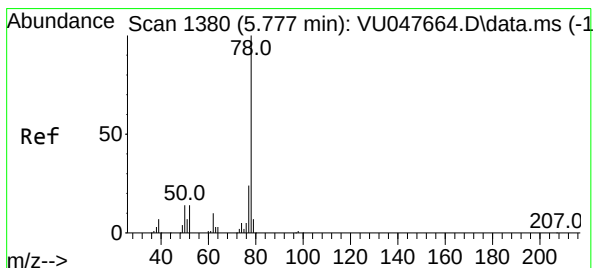
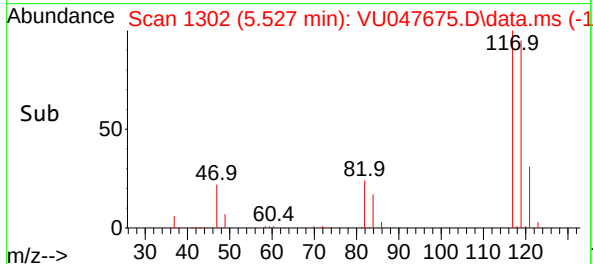
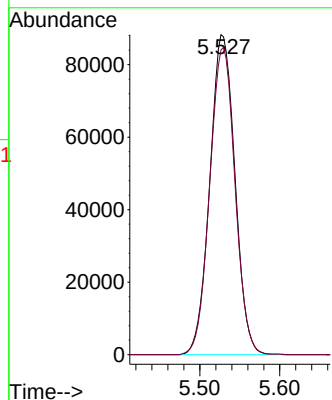
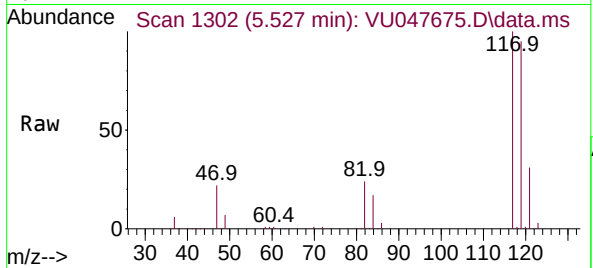




#31
Carbon tetrachloride
Concen: 53.087 ug/L
RT: 5.527 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

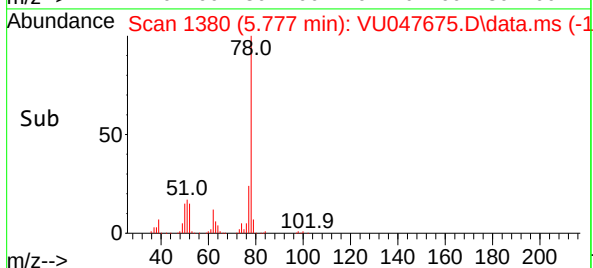
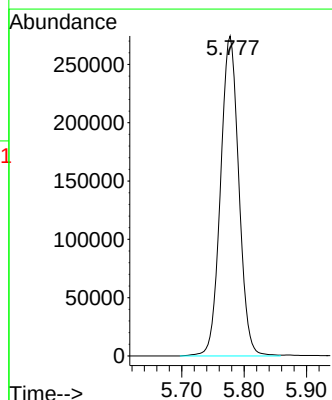
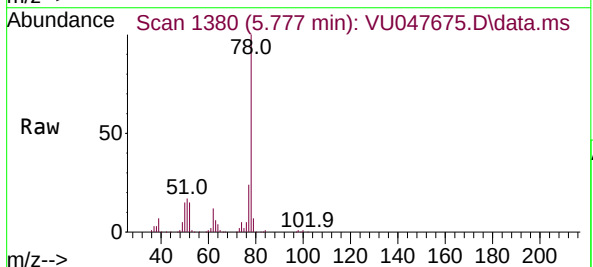
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

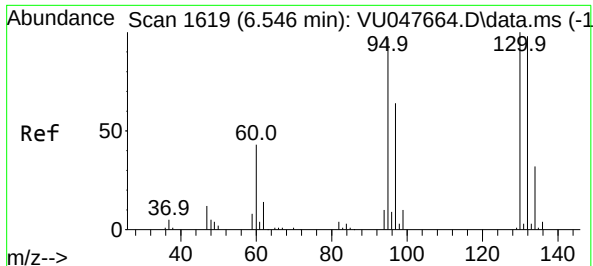
Tgt Ion:117 Resp: 192229
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 54.569 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 78 Resp: 558584

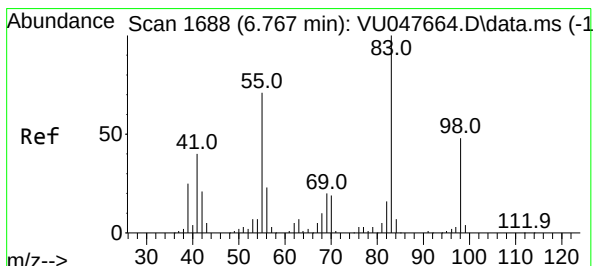
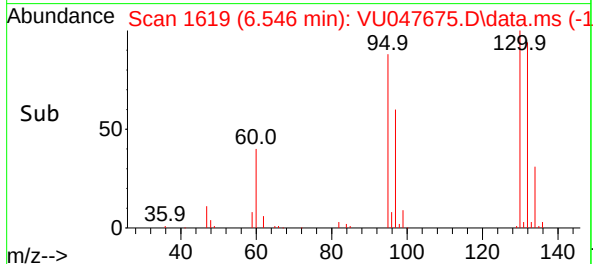
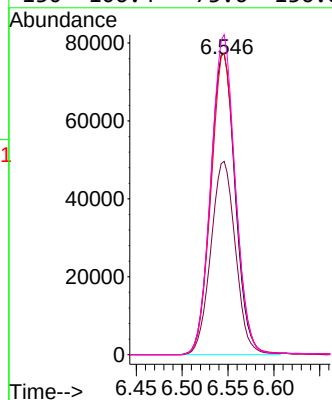
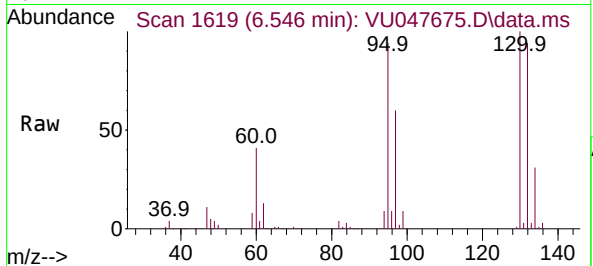




#34
Trichloroethene
Concen: 54.139 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

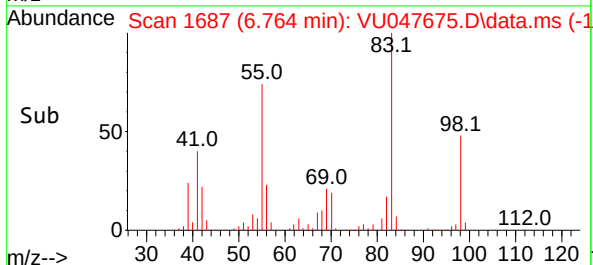
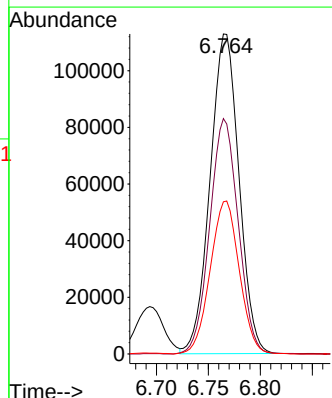
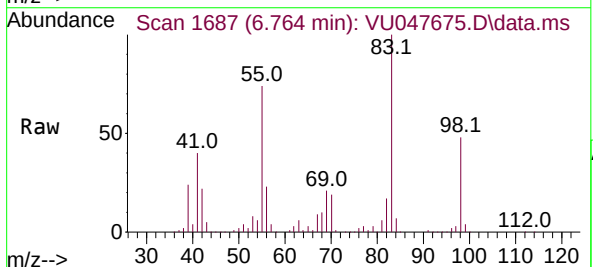
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

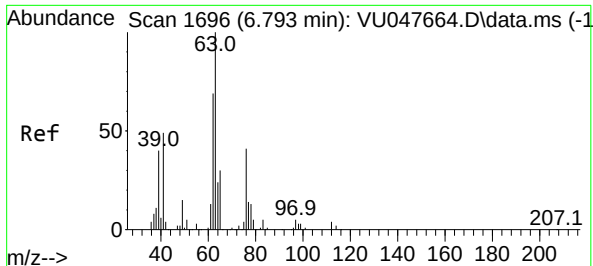
Tgt Ion: 95 Resp: 145290
Ion Ratio Lower Upper
95 100
97 64.3 44.7 82.9
132 100.2 70.4 130.8
130 106.4 73.6 136.8



#35
Methylcyclohexane
Concen: 53.499 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 83 Resp: 218420
Ion Ratio Lower Upper
83 100
55 72.6 56.8 85.2
98 48.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 56.013 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

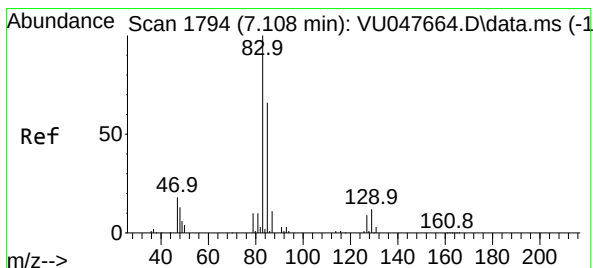
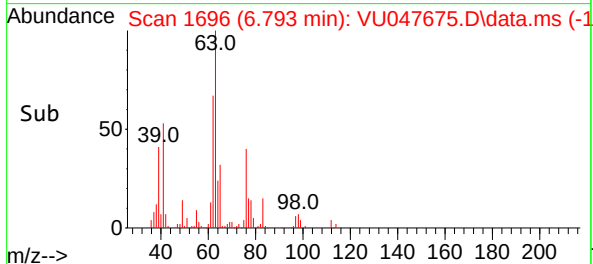
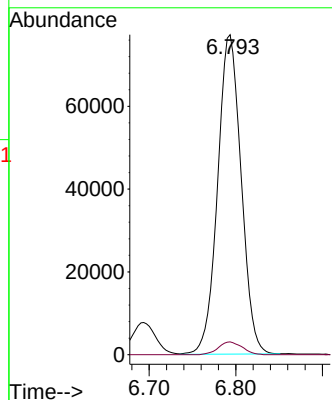
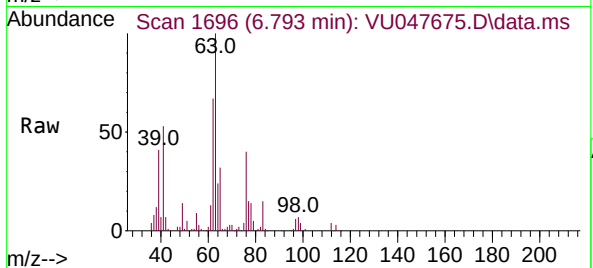
VSTD050177

Tgt Ion: 63 Resp: 145760

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 53.913 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

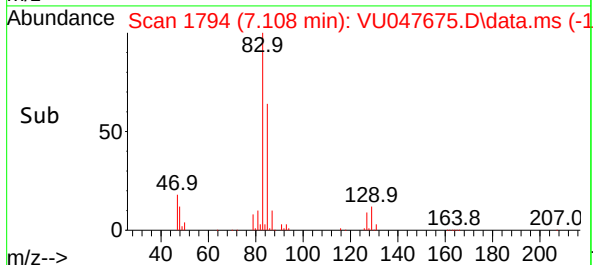
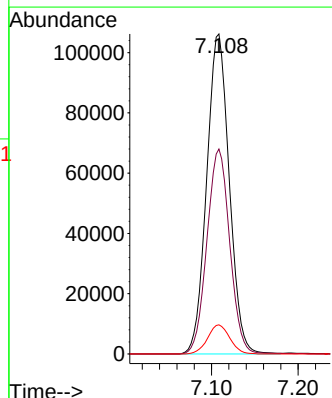
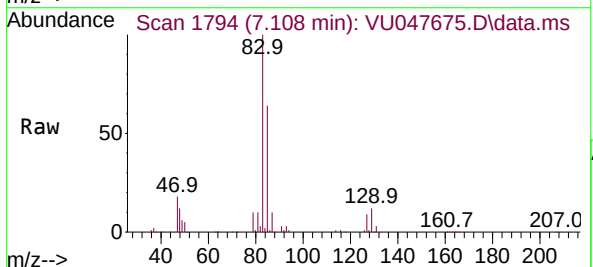
Tgt Ion: 83 Resp: 192656

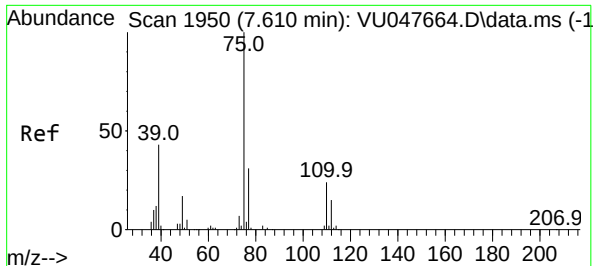
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 55.452 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

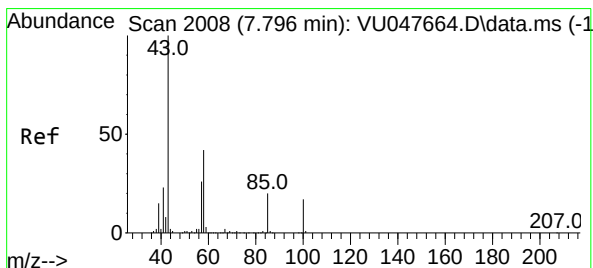
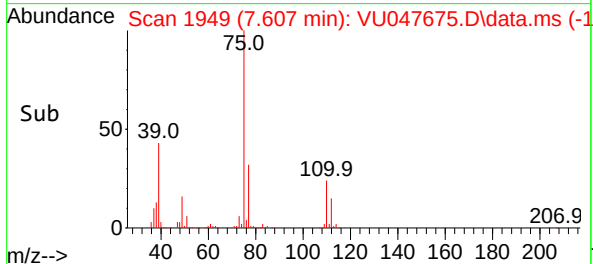
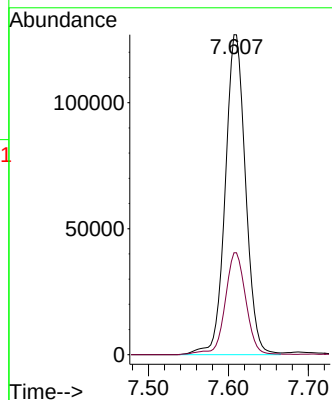
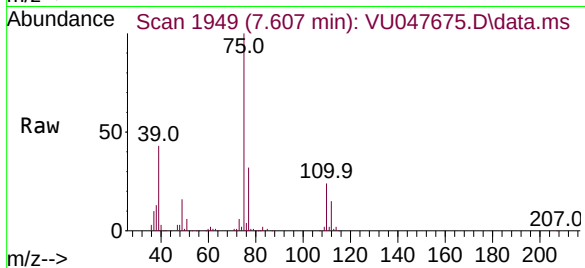
VSTD050177

Tgt Ion: 75 Resp: 223898

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 112.000 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

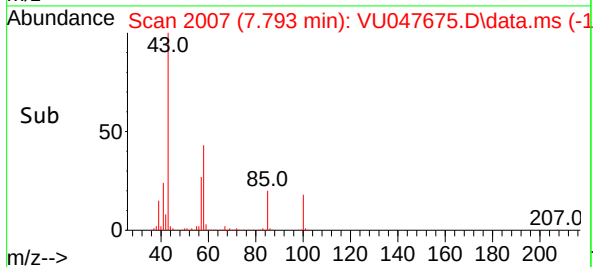
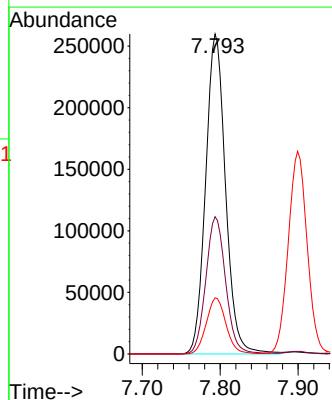
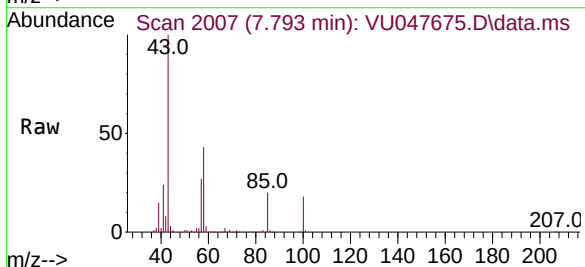
Tgt Ion: 43 Resp: 460633

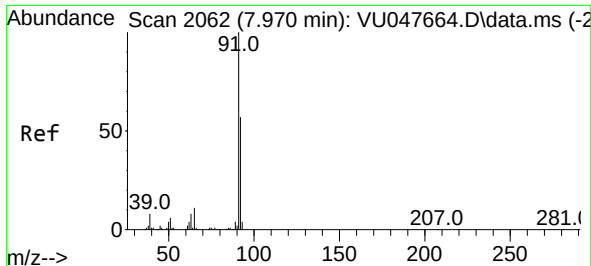
Ion Ratio Lower Upper

43 100

58 42.8 34.7 52.1

100 17.4 14.2 21.2

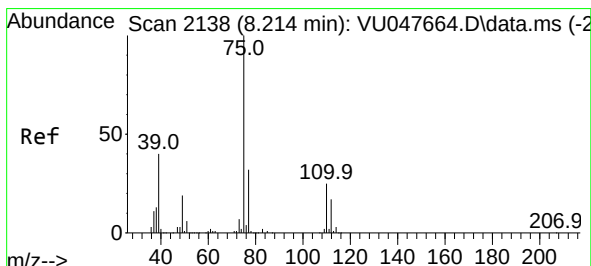
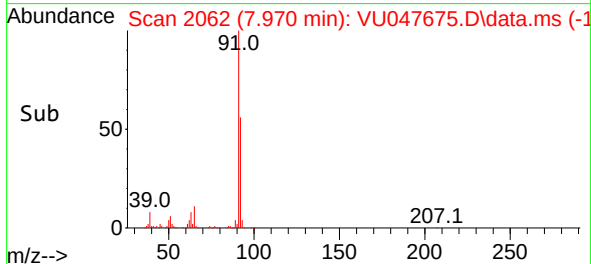
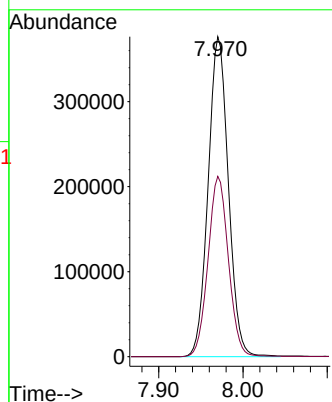
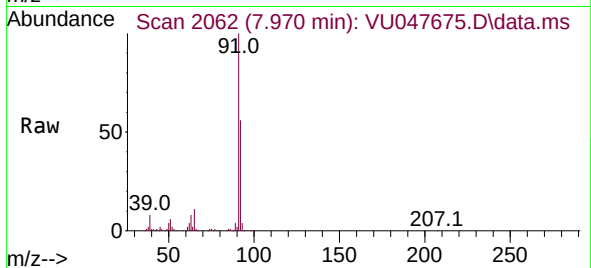




#42
Toluene
Concen: 55.904 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

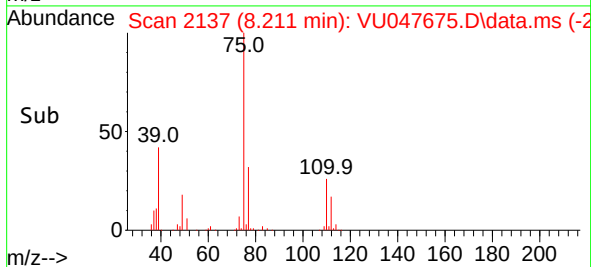
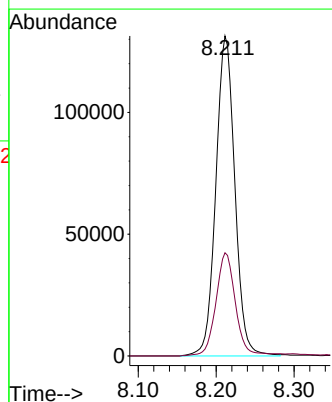
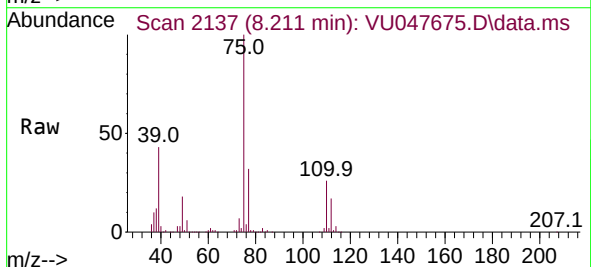
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

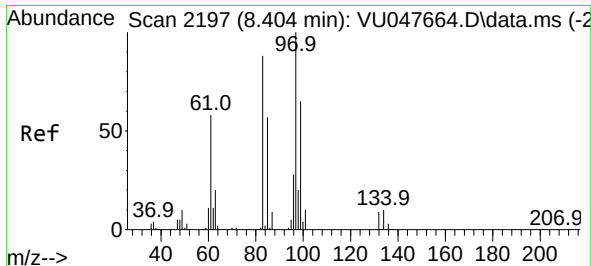
Tgt Ion: 91 Resp: 627895
Ion Ratio Lower Upper
91 100
92 56.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 55.318 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 75 Resp: 223010
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

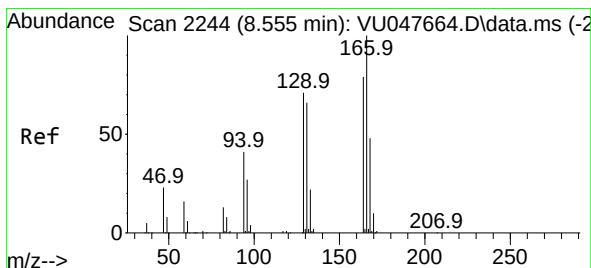
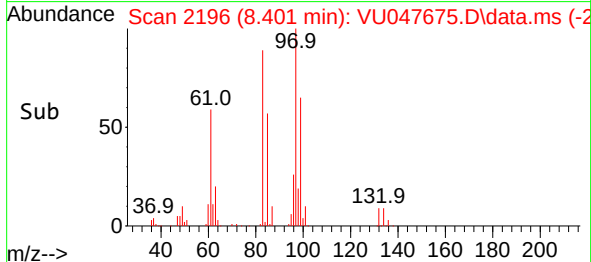
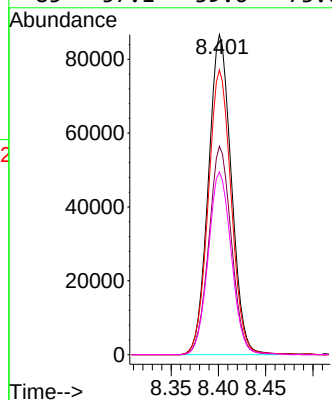
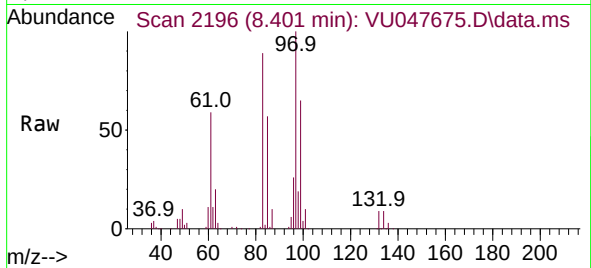




#45
1,1,2-Trichloroethane
Concen: 53.079 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

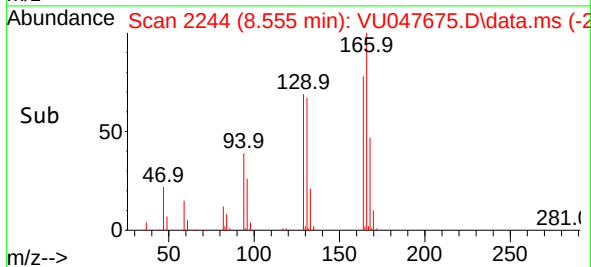
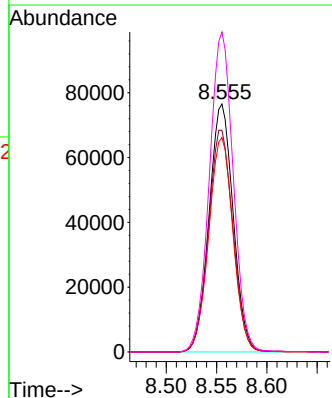
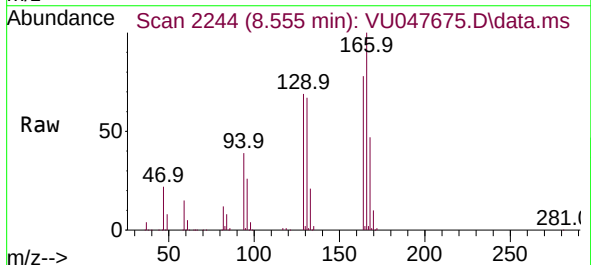
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

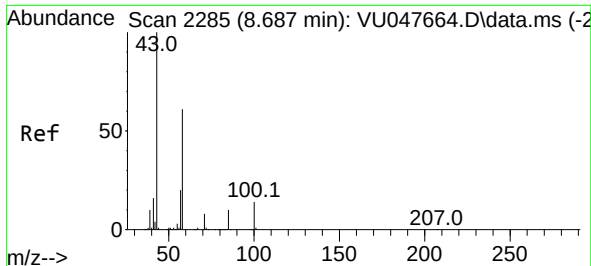
Tgt Ion:	97	Resp:	146490
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.3	80.3
83	89.0	61.0	113.4
85	57.1	39.6	73.6



#46
Tetrachloroethene
Concen: 53.014 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:	164	Resp:	127852
Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.4	116.0
131	86.5	60.7	112.7
166	129.0	89.0	165.4

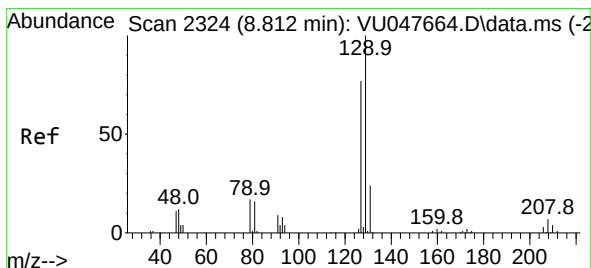
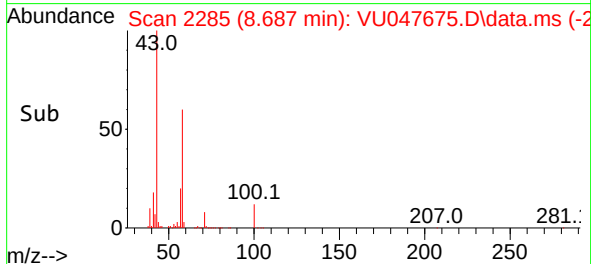
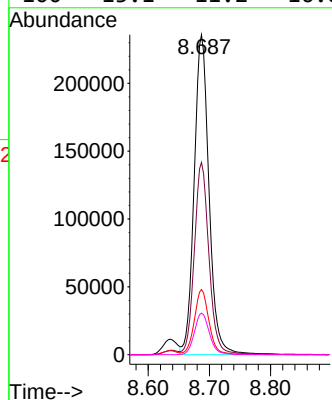
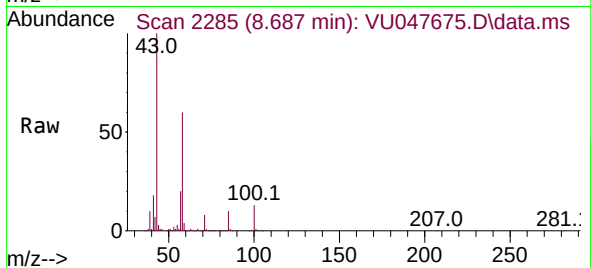




#48
2-Hexanone
Concen: 112.969 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

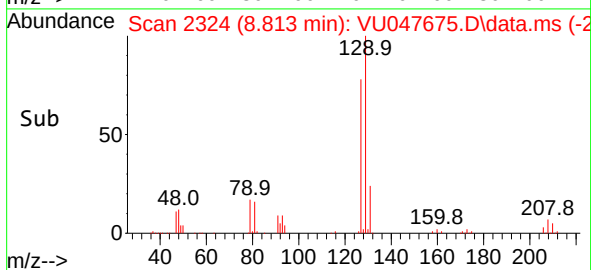
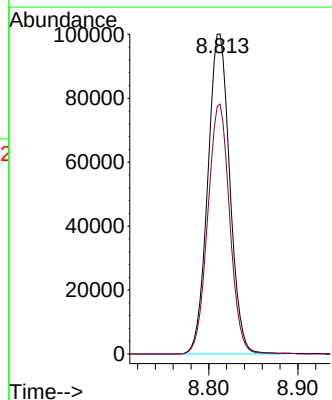
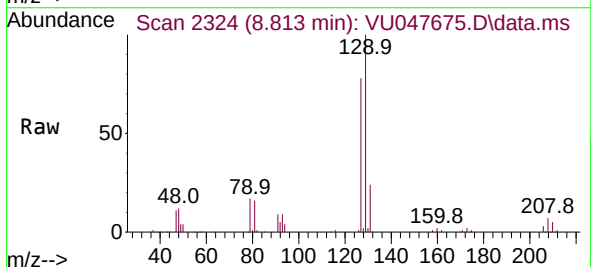
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

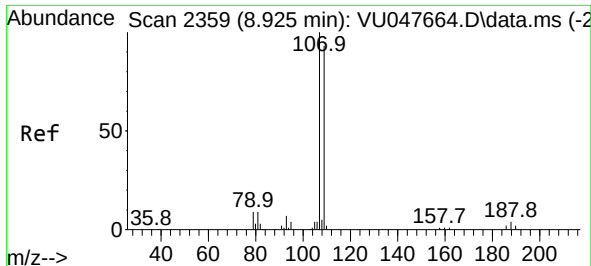
Tgt Ion:	43	Resp:	399659
Ion	Ratio	Lower	Upper
43	100		
58	58.5	48.1	72.1
57	19.6	16.2	24.4
100	13.1	11.2	16.8



#49
Dibromochloromethane
Concen: 53.697 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:	129	Resp:	171644
Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.2	100.6

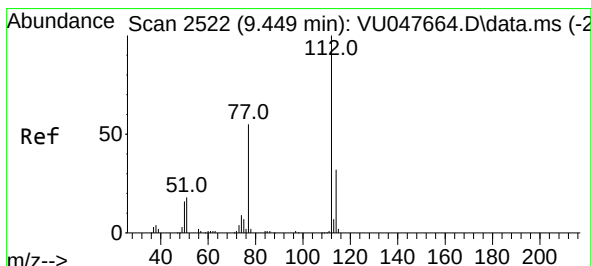
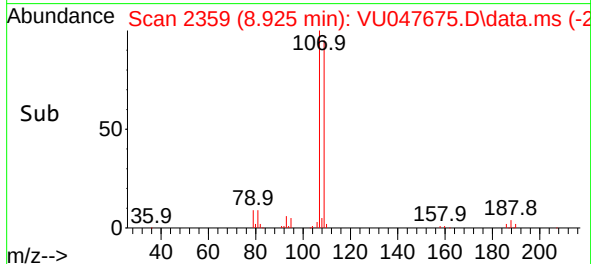
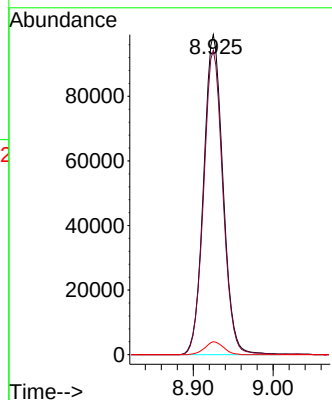
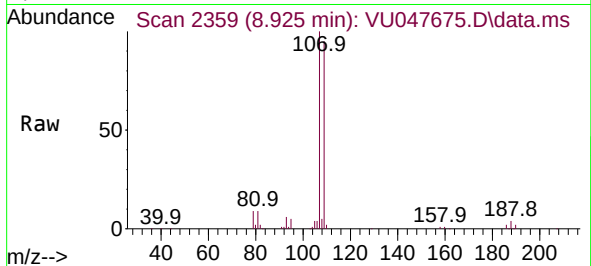




#50
1,2-Dibromoethane
Concen: 53.976 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

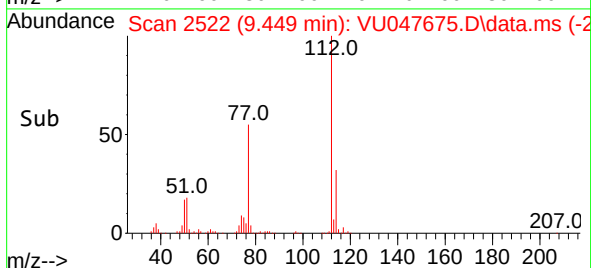
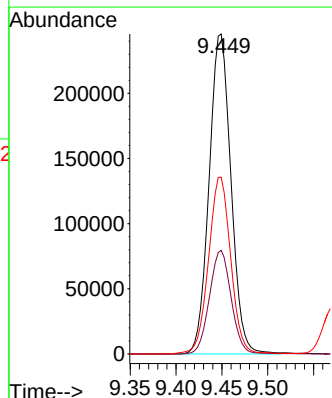
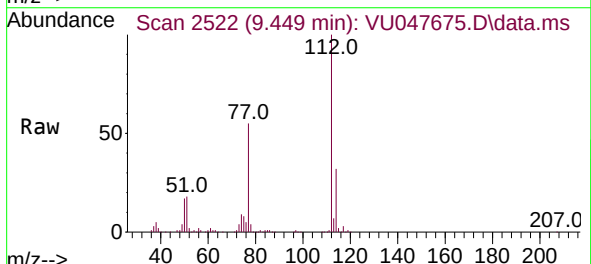
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

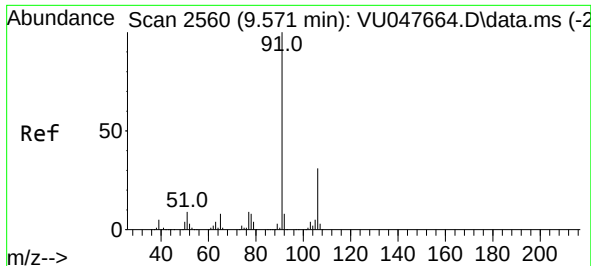
Tgt Ion:107 Resp: 167001
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 53.405 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:112 Resp: 407281
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 55.3 43.4 65.0





#52

Ethylbenzene

Concen: 55.369 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

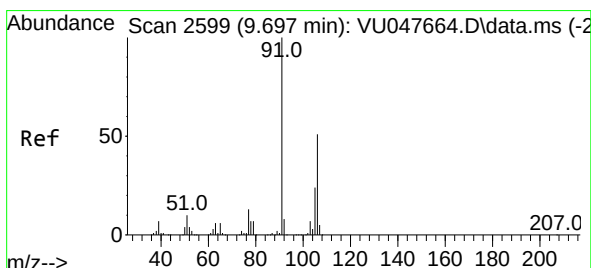
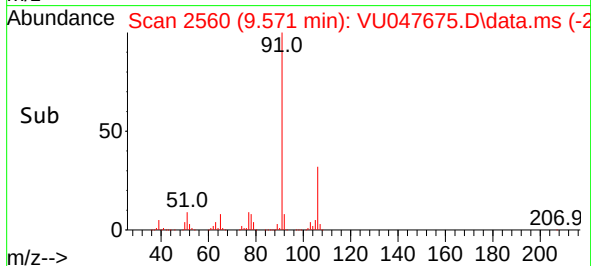
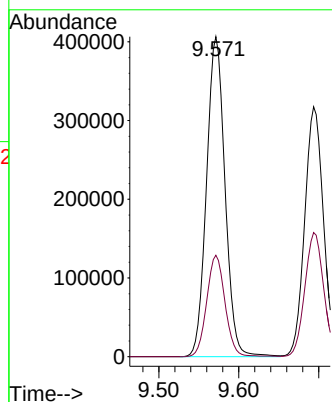
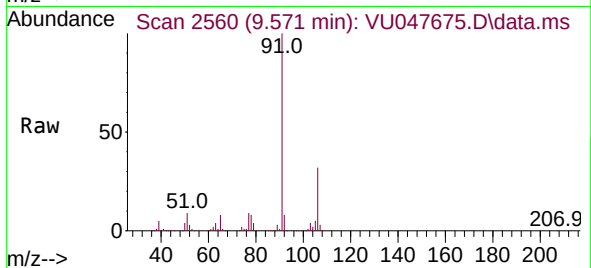
VSTD050177

Tgt Ion: 91 Resp: 653894

Ion Ratio Lower Upper

91 100

106 31.7 22.4 41.6



#53

m,p-Xylene

Concen: 55.499 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047675.D

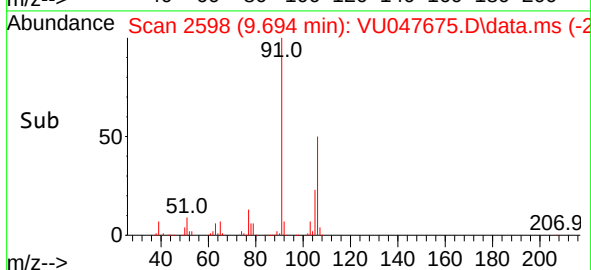
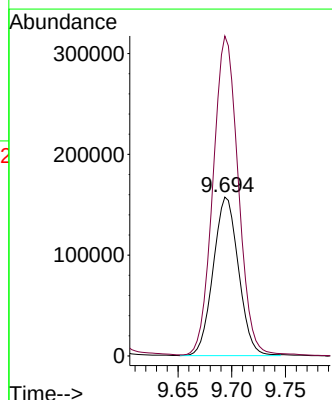
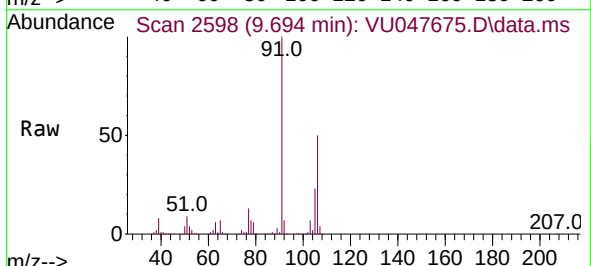
Acq: 25 Mar 2022 16:17

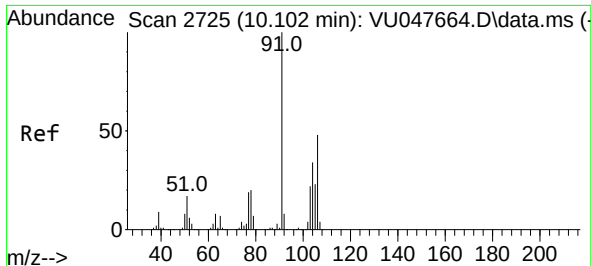
Tgt Ion:106 Resp: 257177

Ion Ratio Lower Upper

106 100

91 201.3 137.7 255.7

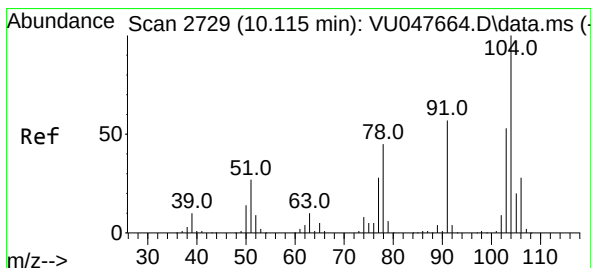
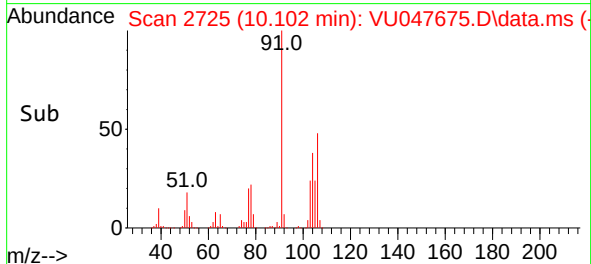
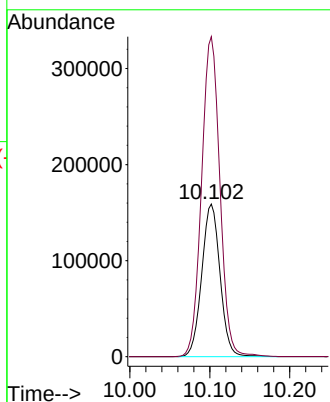
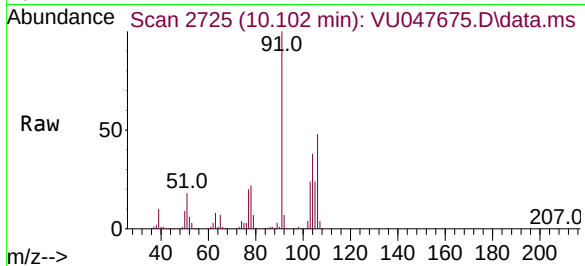




#54
o-Xylene
Concen: 55.704 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

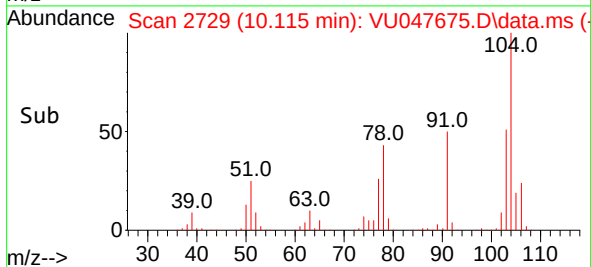
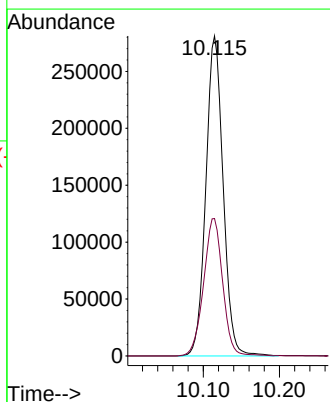
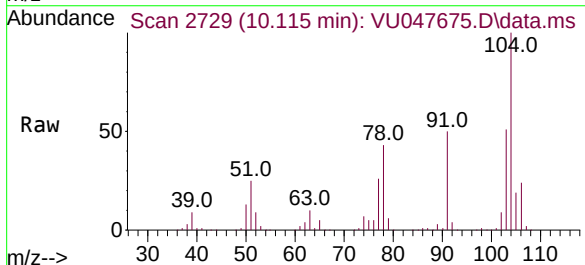
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

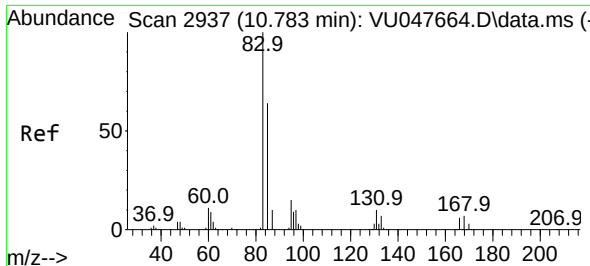
Tgt Ion:106 Resp: 253346
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.5



#55
Styrene
Concen: 57.215 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:104 Resp: 444269
Ion Ratio Lower Upper
104 100
78 42.9 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 53.324 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050177

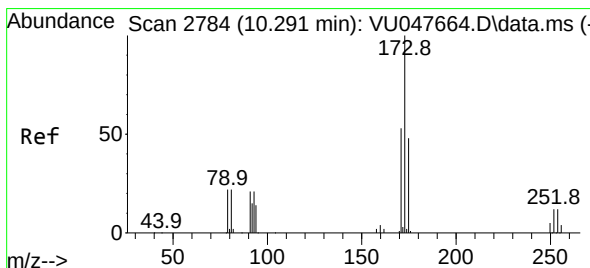
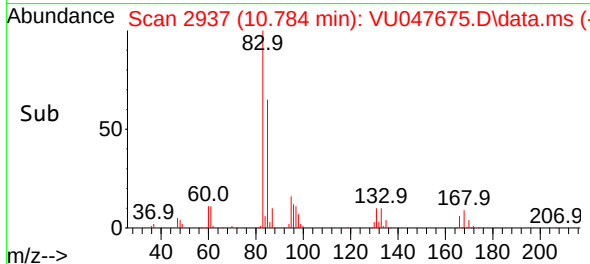
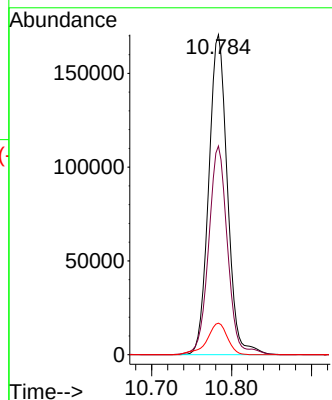
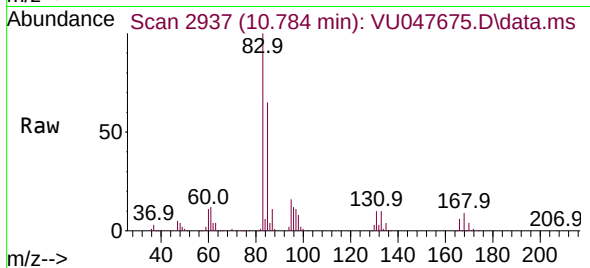
Tgt Ion: 83 Resp: 275894

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3

131 9.9 8.6 13.0



#59

Bromoform

Concen: 52.705 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047675.D

Acq: 25 Mar 2022 16:17

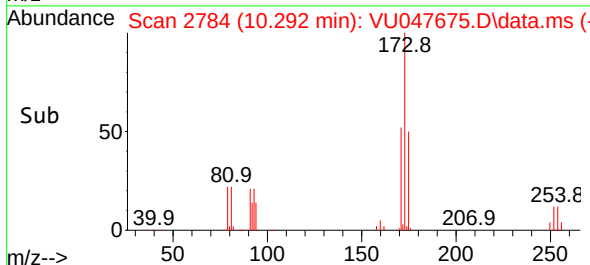
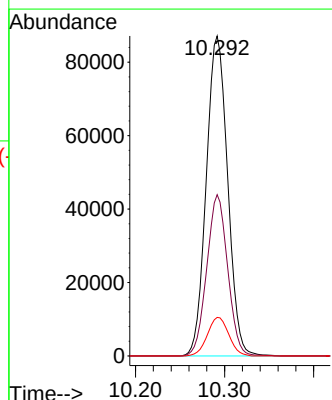
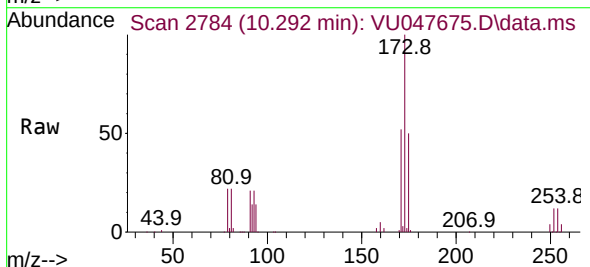
Tgt Ion: 173 Resp: 145172

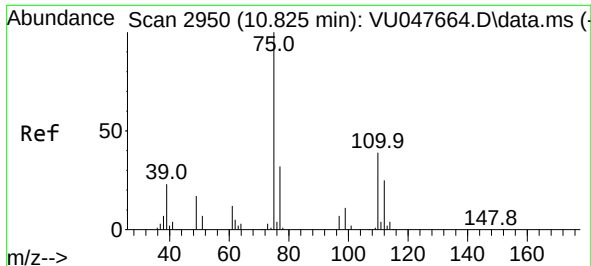
Ion Ratio Lower Upper

173 100

175 49.3 38.7 58.1

254 12.1 9.6 14.4

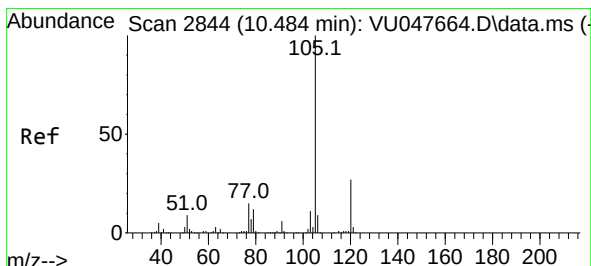
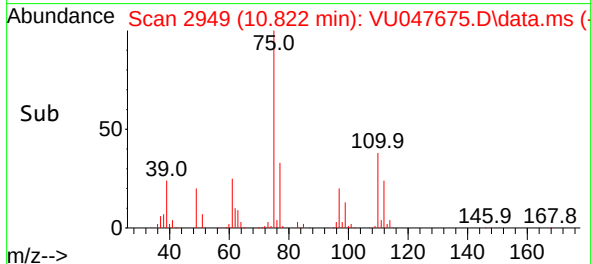
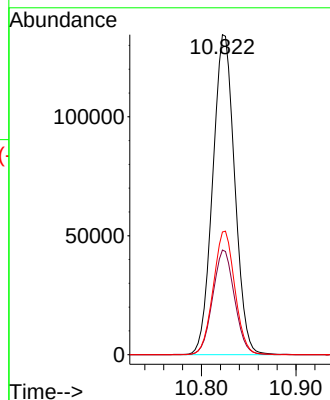
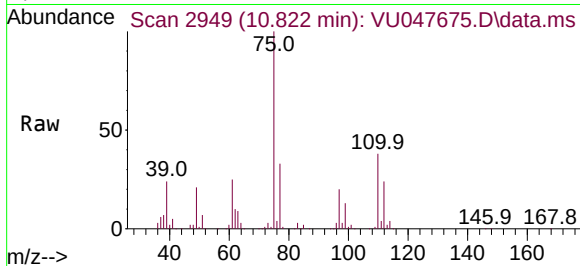




#60
1,2,3-Trichloropropane
Concen: 53.512 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

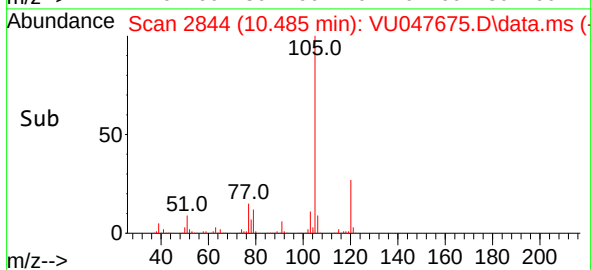
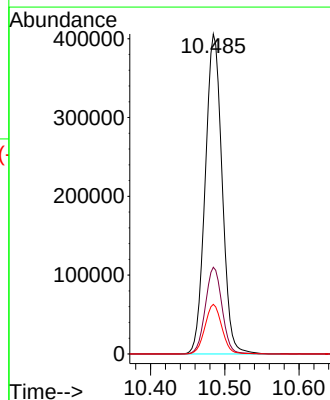
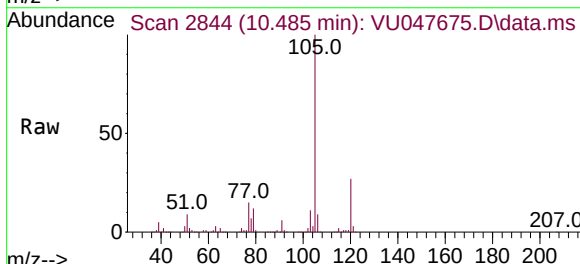
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

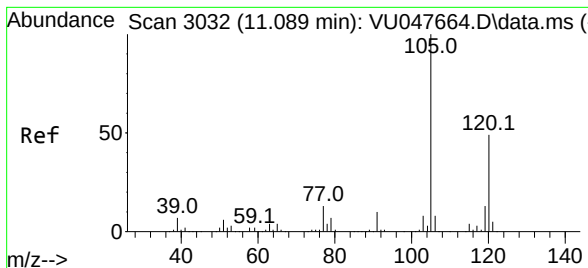
Tgt Ion: 75 Resp: 217297
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 37.9 31.4 47.2



#61
Isopropylbenzene
Concen: 54.916 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 105 Resp: 639305
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 15.5 12.1 18.1

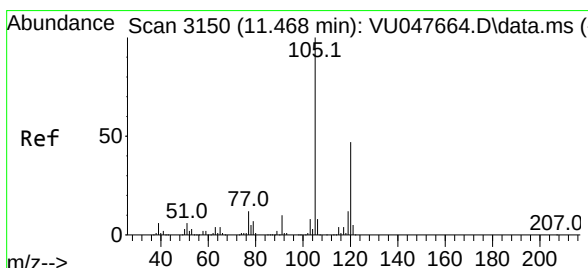
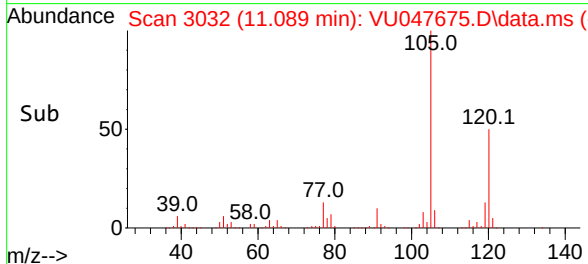
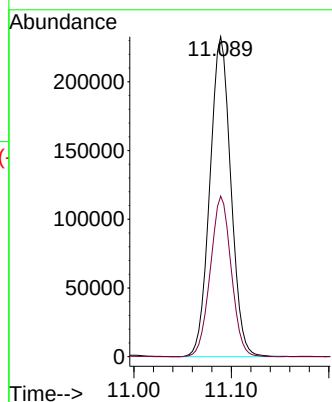
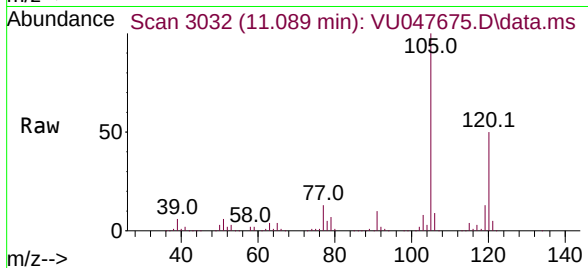




#62
1,3,5-Trimethylbenzene
Concen: 55.190 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

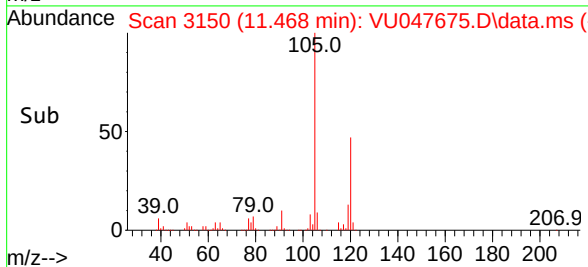
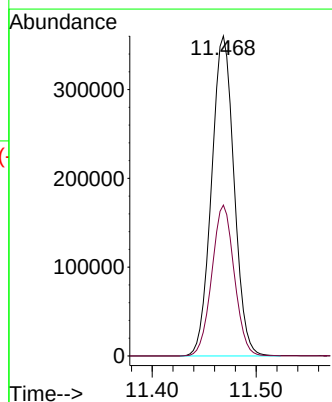
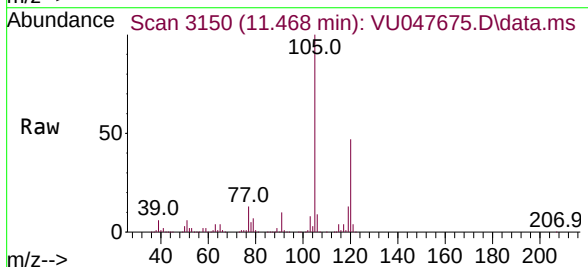
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

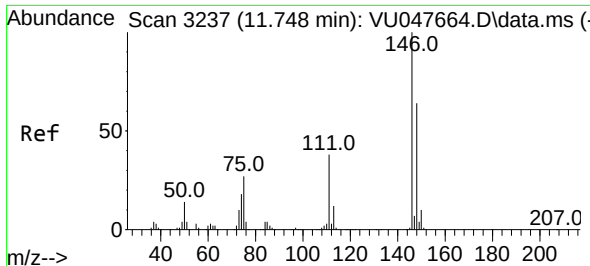
Tgt Ion:105 Resp: 348599
Ion Ratio Lower Upper
105 100
120 49.9 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 56.475 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:105 Resp: 541850
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4

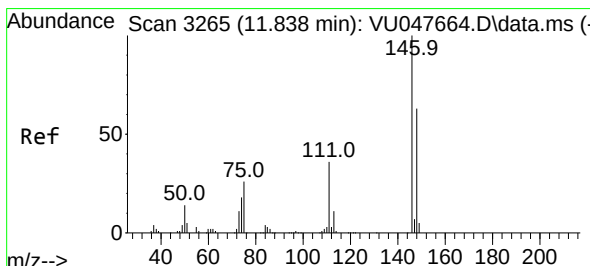
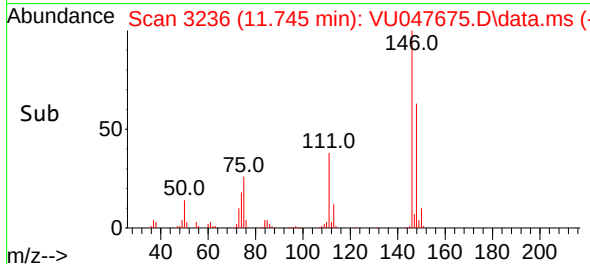
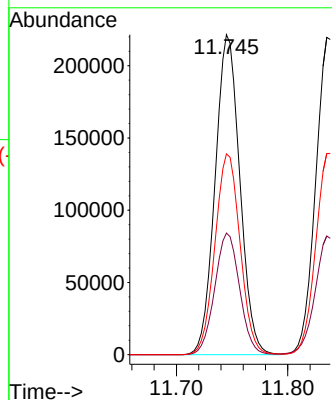
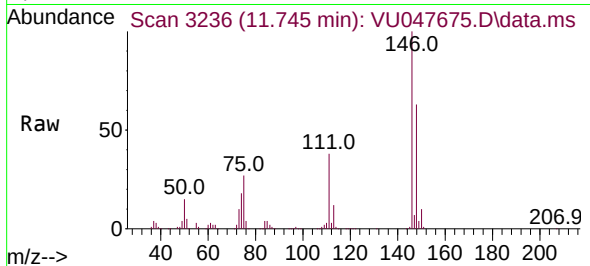




#64
1,3-Dichlorobenzene
Concen: 52.850 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

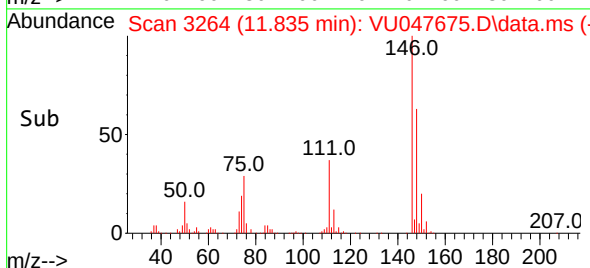
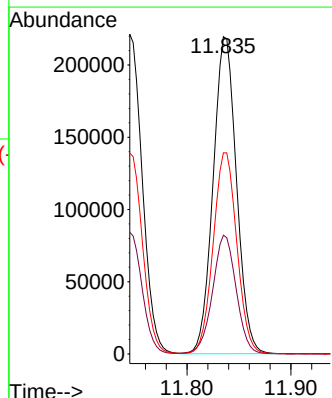
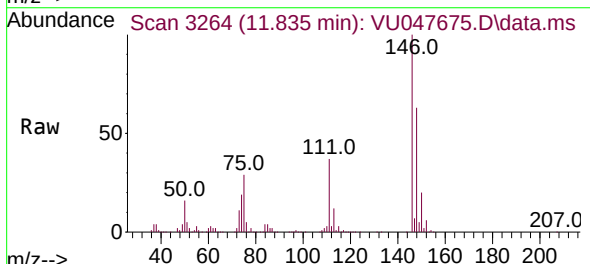
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

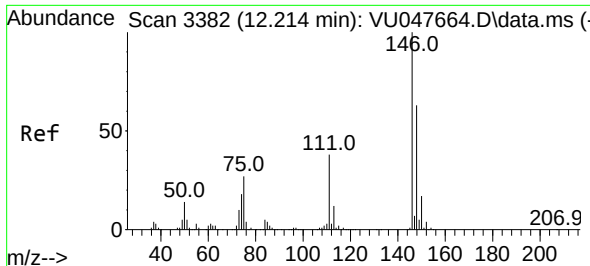
Tgt Ion:146 Resp: 341968
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 62.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.177 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:146 Resp: 343000
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 63.4 44.5 82.7

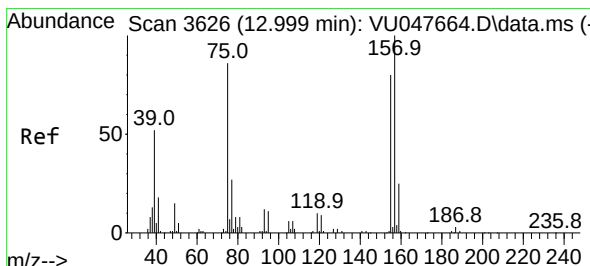
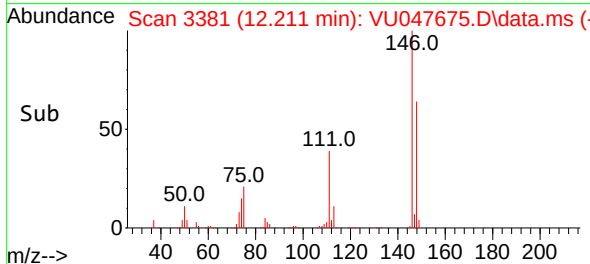
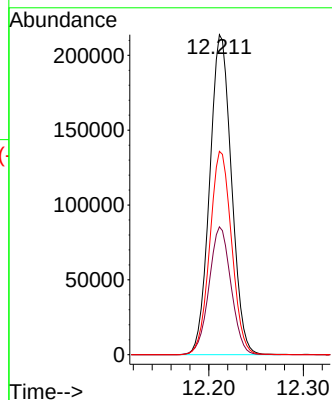
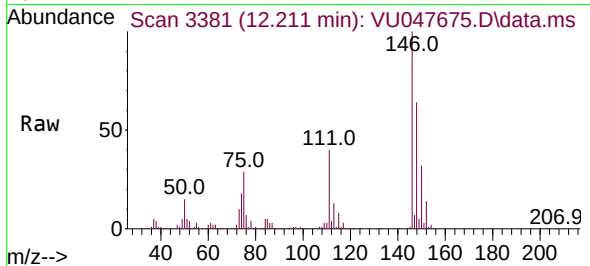




#67
1,2-Dichlorobenzene
Concen: 52.818 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

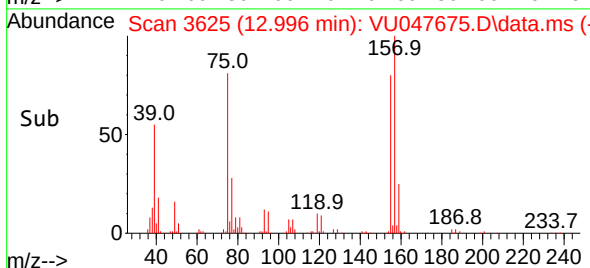
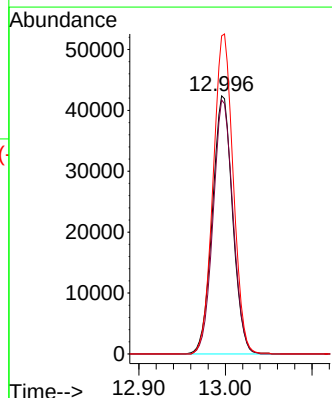
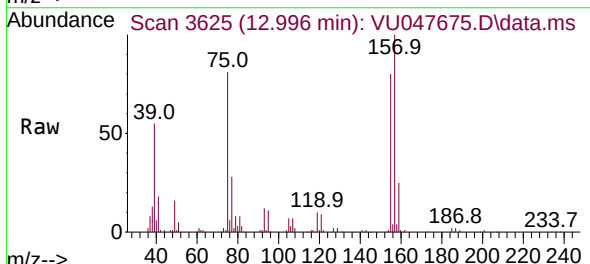
Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

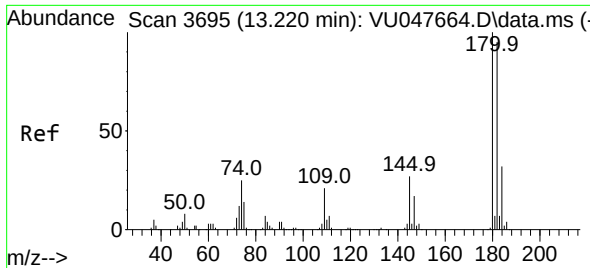
Tgt Ion:146 Resp: 341969
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 63.5 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 52.929 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 75 Resp: 68847
Ion Ratio Lower Upper
75 100
155 98.4 78.9 118.3
157 123.3 97.5 146.3



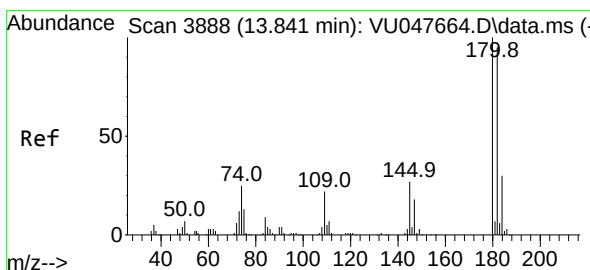
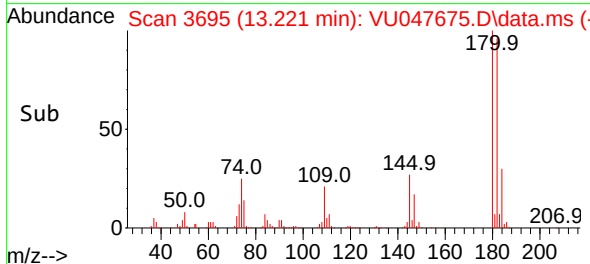
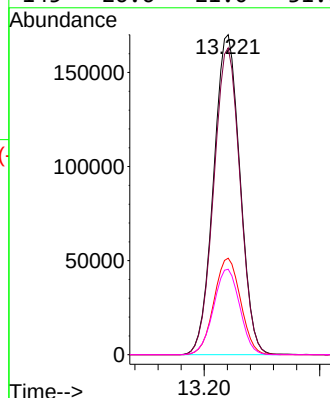
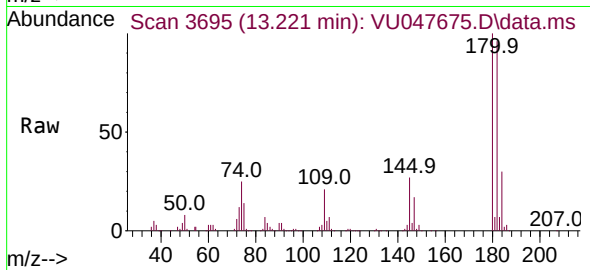


#69
 1,3,5-Trichlorobenzene
 Concen: 51.396 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU047675.D
 Acq: 25 Mar 2022 16:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Tgt Ion:180 Resp: 270088

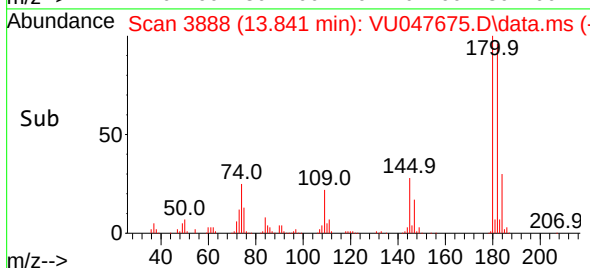
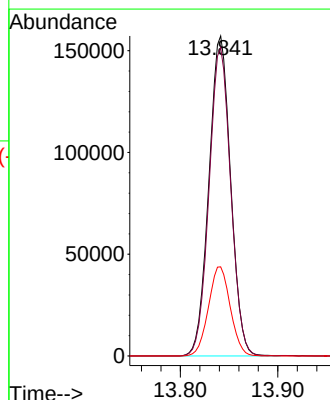
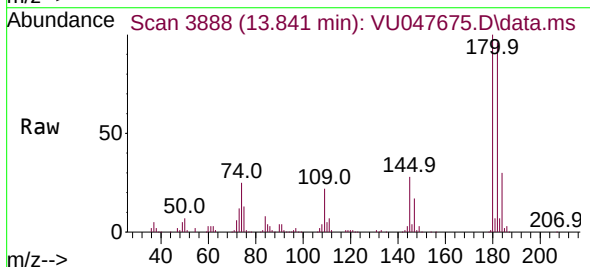
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
184	30.3	24.5	36.7
145	26.6	21.0	31.6

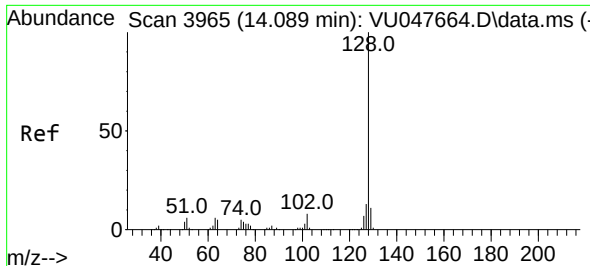


#70
 1,2,4-trichlorobenzene
 Concen: 52.996 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047675.D
 Acq: 25 Mar 2022 16:17

Tgt Ion:180 Resp: 243937

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	28.0	21.8	32.8

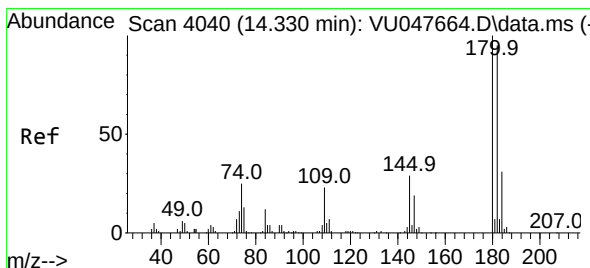
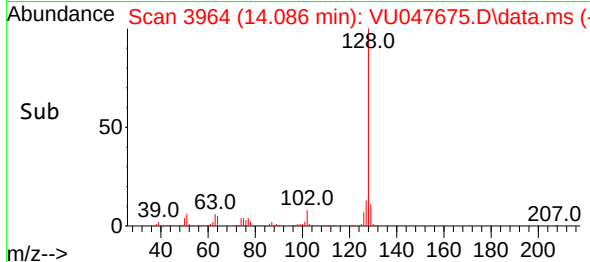
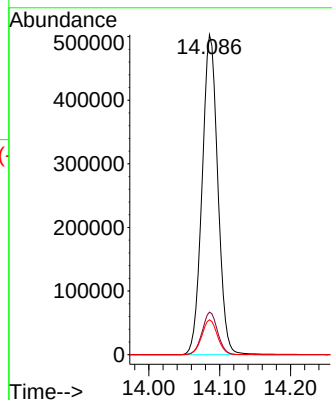
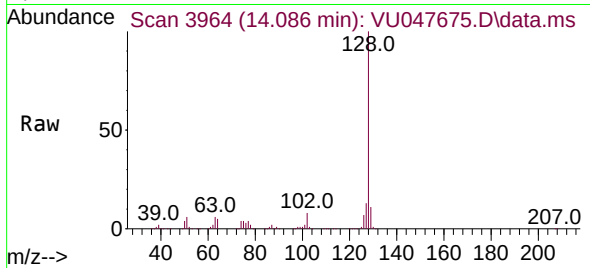




#71
Naphthalene
Concen: 56.313 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD050177

Tgt Ion:128 Resp: 772787
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.117 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047675.D
Acq: 25 Mar 2022 16:17

Tgt Ion:180 Resp: 249715
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 29.1 22.8 34.2

