

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047273.D
 Acq On : 25 Feb 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Feb 28 02:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	366452	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	358505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	220540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	138190	41.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.040%
7) Chloroethane-d5	1.919	69	110783	44.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.575	63	245896	44.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
21) 2-Butanone-d5	4.642	46	270930	104.965	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	5.067	84	253883	46.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.703	65	156242	45.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
32) Benzene-d6	5.732	84	513192	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	6.694	67	158334	40.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.920%
41) Toluene-d8	7.899	98	493291	43.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.940%
43) trans-1,3-Dichloroprop...	8.179	79	81714	40.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.680%
47) 2-Hexanone-d5	8.636	63	218239	98.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	260487	46.219	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	213867	40.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	148971	43.630	ug/L	100
3) Chloromethane	1.527	50	154885	45.841	ug/L	99
5) Vinyl chloride	1.607	62	147115	43.207	ug/L	100
6) Bromomethane	1.864	94	70732	35.713	ug/L	97
8) Chloroethane	1.938	64	89573	45.632	ug/L	95
9) Trichlorofluoromethane	2.144	101	207194	52.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	119698	49.284	ug/L	94
12) 1,1-Dichloroethene	2.584	96	109900	46.119	ug/L	94
13) Acetone	2.658	43	186948	99.425	ug/L	98
14) Carbon disulfide	2.800	76	299328	40.022	ug/L	99
15) Methyl Acetate	2.961	43	162623	51.395	ug/L	98
16) Methylene chloride	3.051	84	125034	47.417	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	117967	47.119	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	378513	44.707	ug/L	97
19) 1,1-Dichloroethane	3.877	63	214400	45.599	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	136393	49.252	ug/L	98
22) 2-Butanone	4.723	43	273024	108.220	ug/L	98
23) Bromochloromethane	4.980	128	70858	48.248	ug/L	94
25) Chloroform	5.092	83	227978	49.498	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047273.D
 Acq On : 25 Feb 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

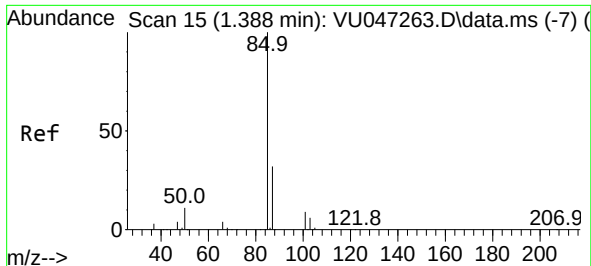
Quant Time: Feb 28 02:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	174776	47.757	ug/L	100
29) Cyclohexane	5.395	56	189412	40.313	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	196164	45.682	ug/L	99
31) Carbon tetrachloride	5.530	117	170057	45.676	ug/L	99
33) Benzene	5.777	78	503044	44.988	ug/L	100
34) Trichloroethene	6.542	95	132348	45.565	ug/L	99
35) Methylcyclohexane	6.764	83	211240	43.344	ug/L	99
37) 1,2-Dichloropropane	6.793	63	130173	43.461	ug/L	98
38) Bromodichloromethane	7.108	83	173007	45.319	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	213559	43.870	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	449655	94.802	ug/L	97
42) Toluene	7.970	91	558850	45.502	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	205897	44.021	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	133352	47.271	ug/L	98
46) Tetrachloroethene	8.555	164	110801	47.421	ug/L	94
48) 2-Hexanone	8.687	43	381584	97.281	ug/L	97
49) Dibromochloromethane	8.812	129	148357	45.455	ug/L	98
50) 1,2-Dibromoethane	8.925	107	147984	47.224	ug/L	99
51) Chlorobenzene	9.449	112	365529	46.416	ug/L	98
52) Ethylbenzene	9.571	91	605304	45.032	ug/L	100
53) m,p-Xylene	9.693	106	237236	44.484	ug/L	95
54) o-xylene	10.102	106	229499	43.706	ug/L	98
55) Styrene	10.115	104	401767	44.468	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	253810	51.035	ug/L	99
59) Bromoform	10.292	173	124318	41.521	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	199563	42.448	ug/L	98
61) Isopropylbenzene	10.484	105	612422	39.502	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	434936	39.585	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	540839	40.543	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	314166	43.429	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	320983	44.141	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	317883	44.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	68342	45.628	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	264377	47.258	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	250544	47.245	ug/L	98
71) Naphthalene	14.086	128	827908	44.098	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	243917	46.194	ug/L	98

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

Quant Time: Feb 28 02:03:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 28 02:01:00 2022
Response via : Initial Calibration

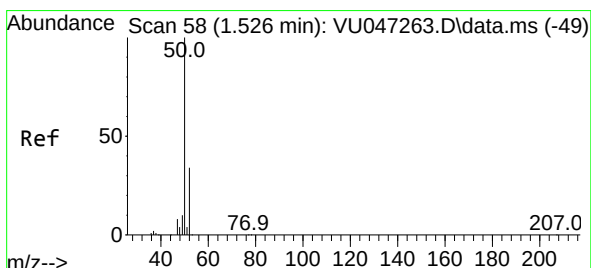
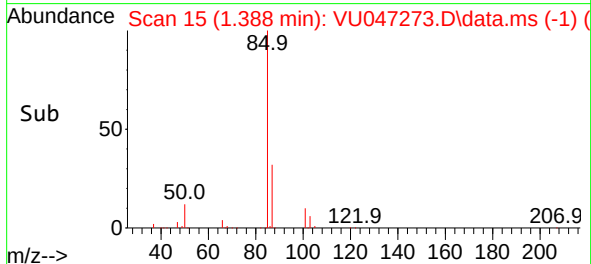
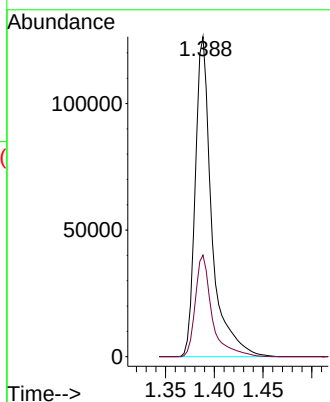
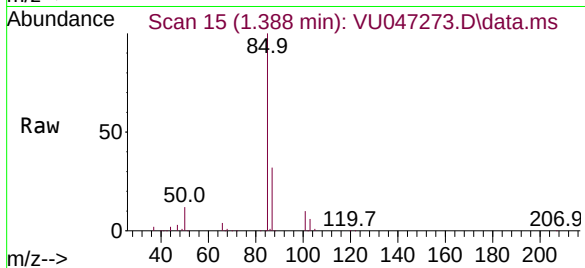




#2
Dichlorodifluoromethane
Concen: 43.630 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

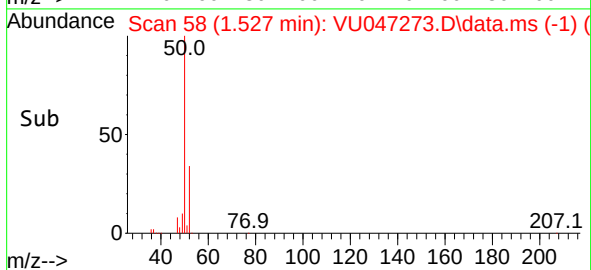
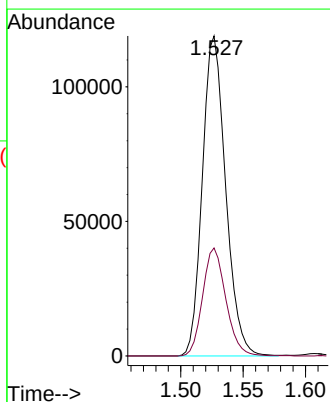
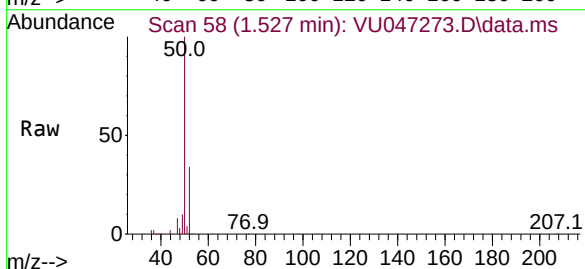
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

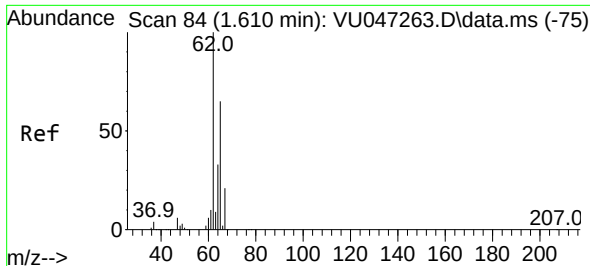
Tgt Ion: 85 Resp: 148971
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 45.841 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 50 Resp: 154885
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

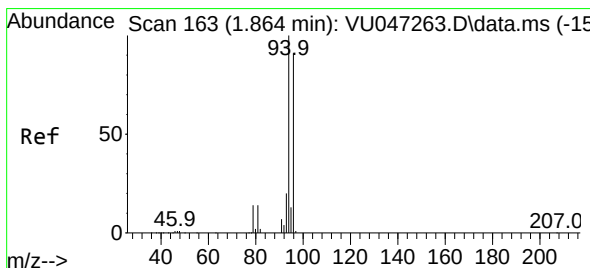
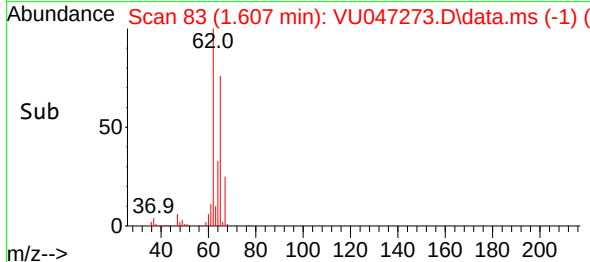
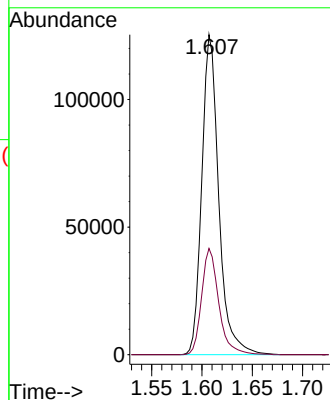
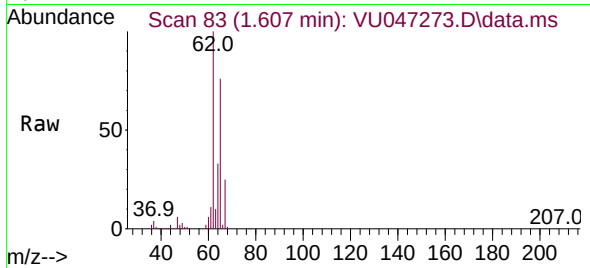




#5
 Vinyl chloride
 Concen: 43.207 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

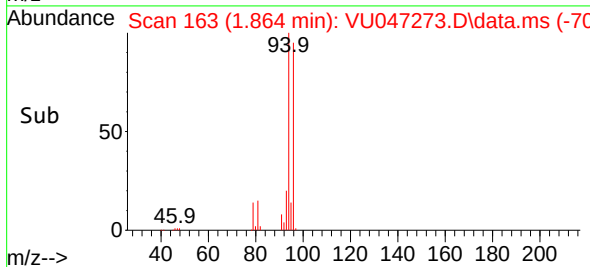
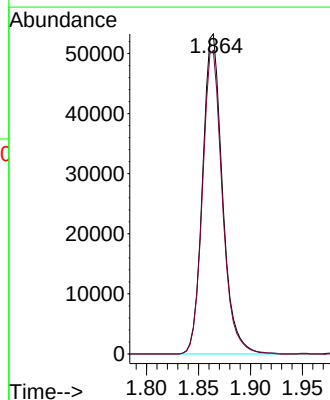
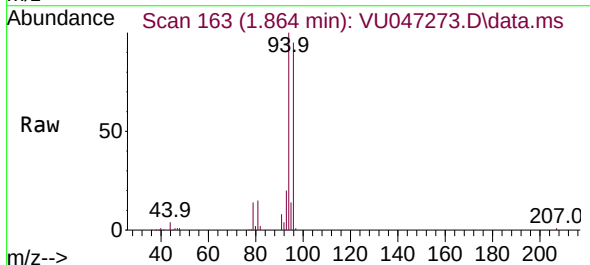
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

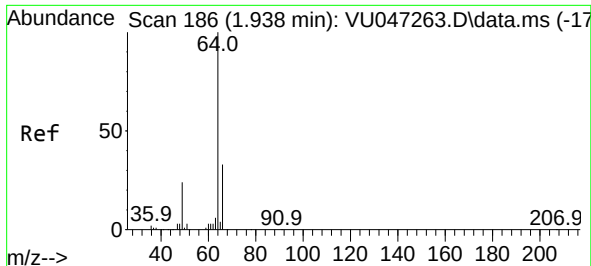
Tgt Ion: 62 Resp: 147115
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 35.713 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

Tgt Ion: 94 Resp: 70732
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.4 119.6

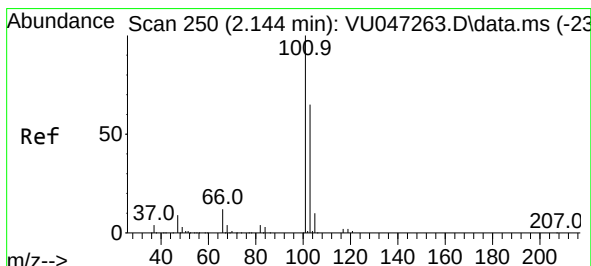
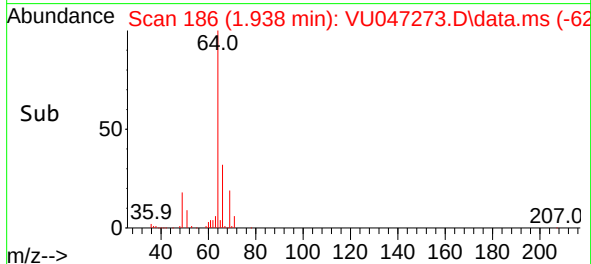
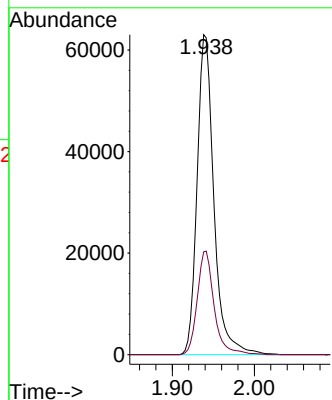
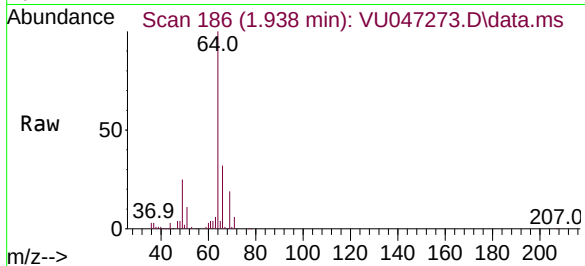




#8
Chloroethane
Concen: 45.632 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

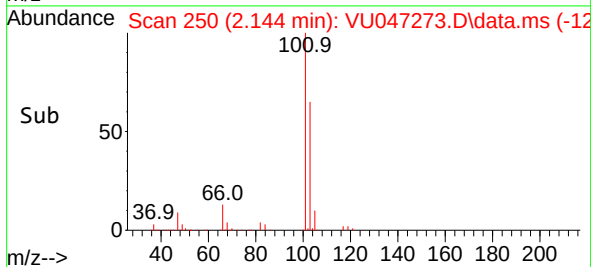
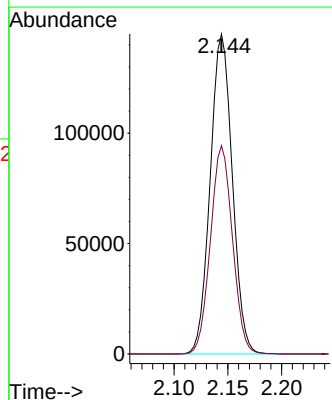
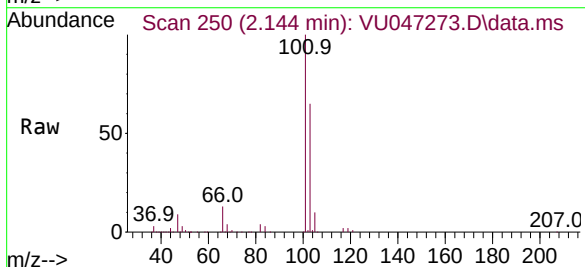
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

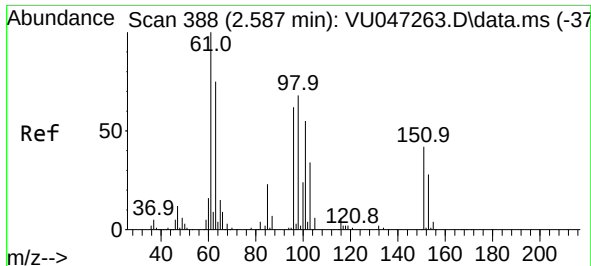
Tgt Ion: 64 Resp: 89573
Ion Ratio Lower Upper
64 100
66 32.2 24.4 45.2



#9
Trichlorofluoromethane
Concen: 52.548 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 101 Resp: 207194
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

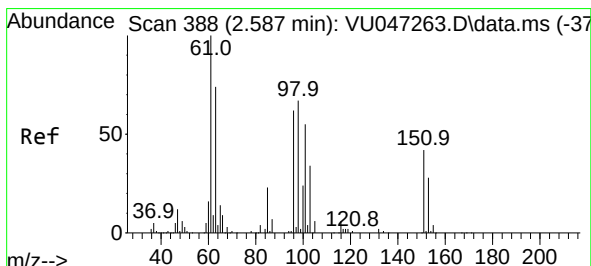
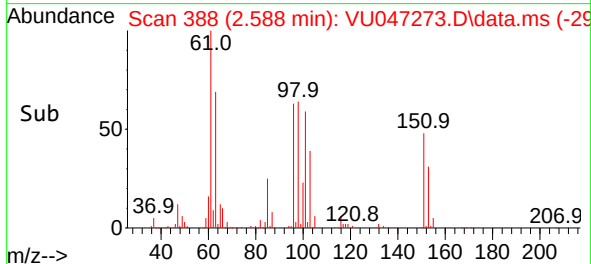
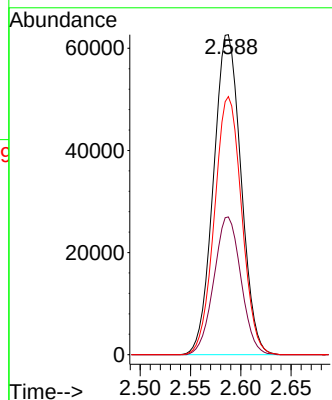
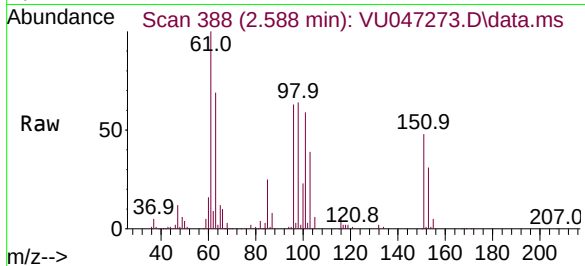




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.284 ug/L
 RT: 2.588 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

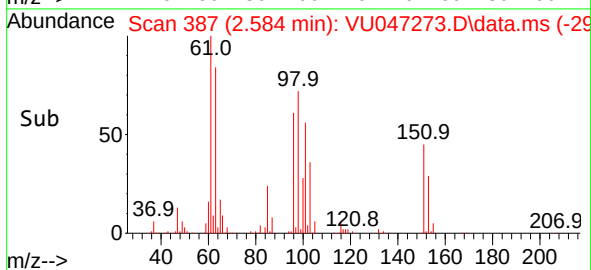
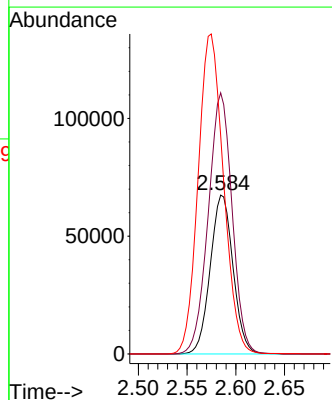
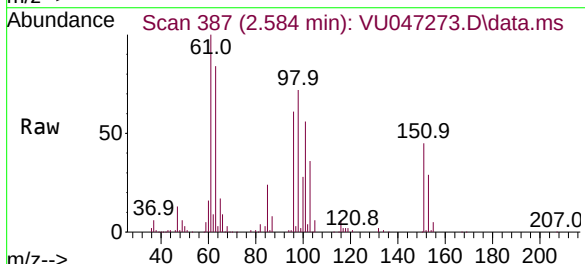
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

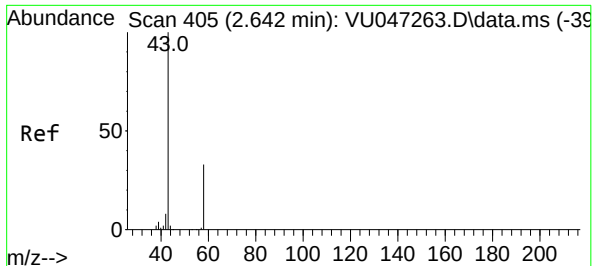
Tgt Ion:101 Resp: 119698
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.9 52.3
 151 79.6 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 46.119 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

Tgt Ion: 96 Resp: 109900
 Ion Ratio Lower Upper
 96 100
 61 164.3 114.9 213.3
 63 137.4 86.0 159.8





#13

Acetone

Concen: 99.425 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.016 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

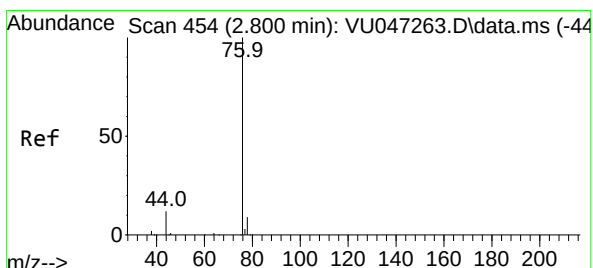
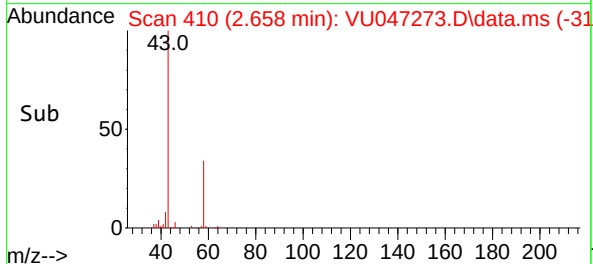
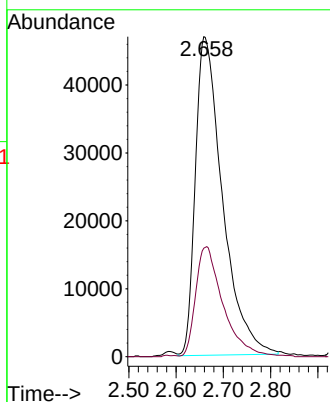
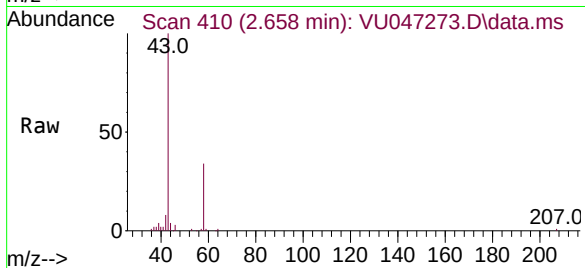
VSTD050173

Tgt Ion: 43 Resp: 186948

Ion Ratio Lower Upper

43 100

58 34.4 0.0 71.0



#14

Carbon disulfide

Concen: 40.022 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047273.D

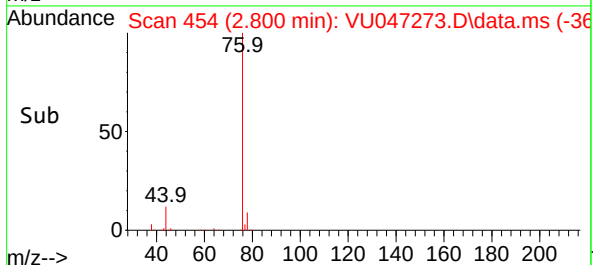
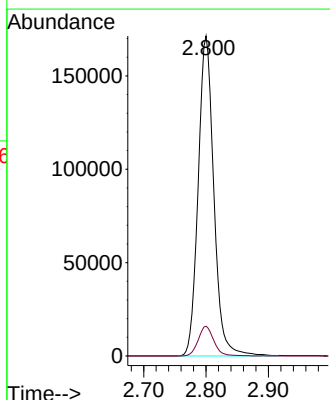
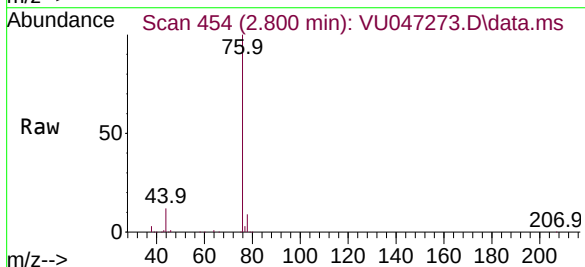
Acq: 25 Feb 2022 16:05

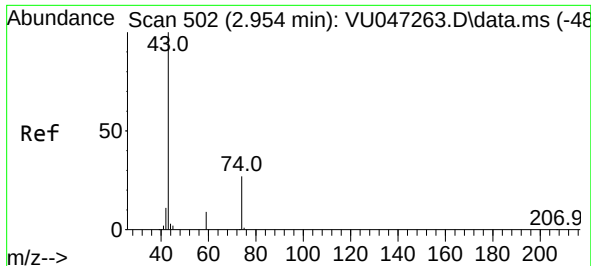
Tgt Ion: 76 Resp: 299328

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

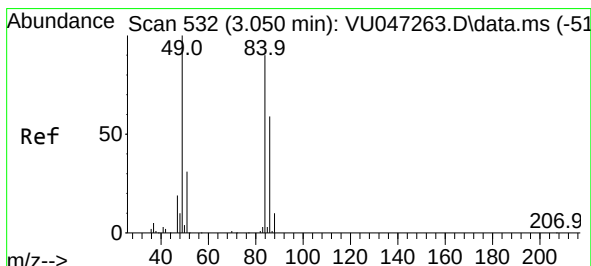
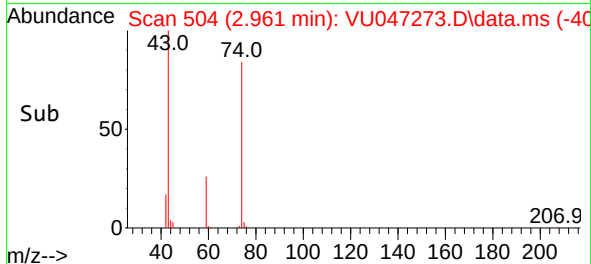
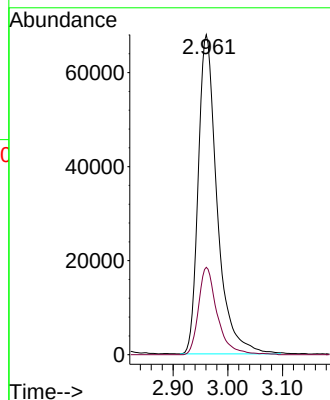
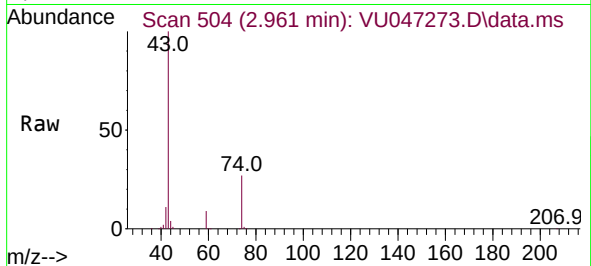




#15
Methyl Acetate
Concen: 51.395 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

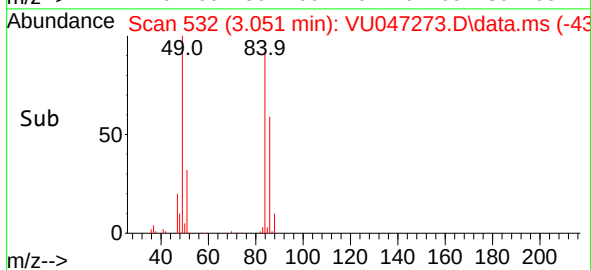
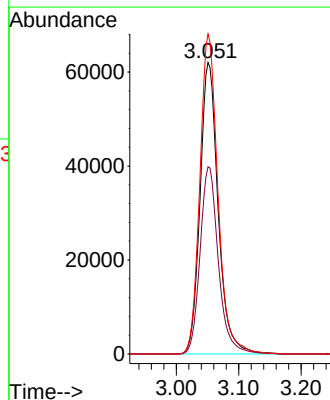
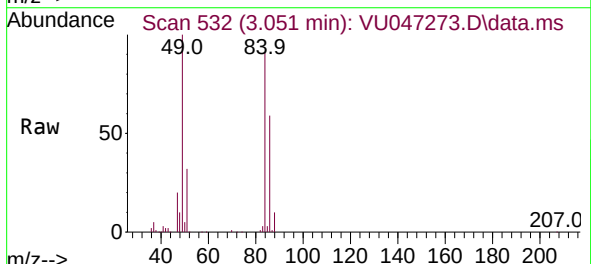
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

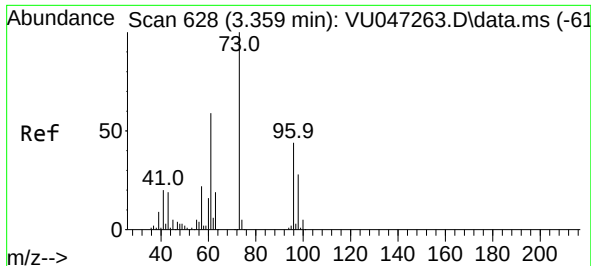
Tgt Ion: 43 Resp: 162623
Ion Ratio Lower Upper
43 100
74 27.0 22.3 33.5



#16
Methylene chloride
Concen: 47.417 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 84 Resp: 125034
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 109.8 75.9 141.1

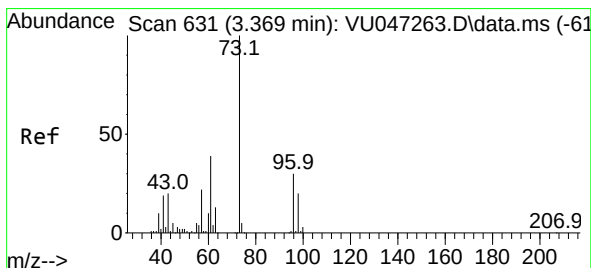
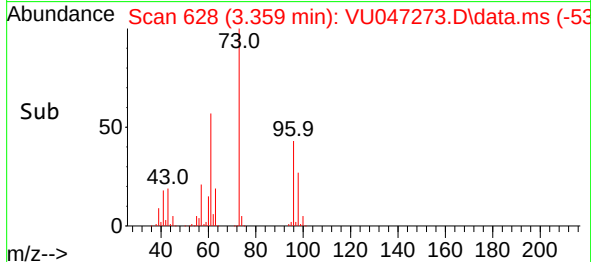
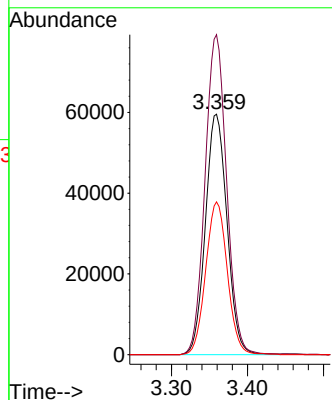
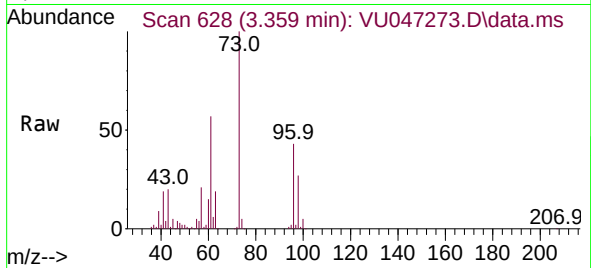




#17
trans-1,2-Dichloroethene
Concen: 47.119 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

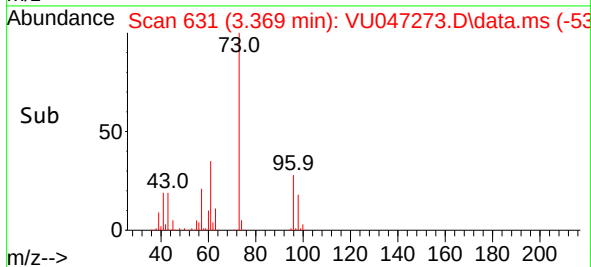
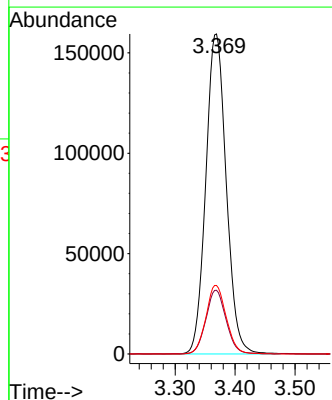
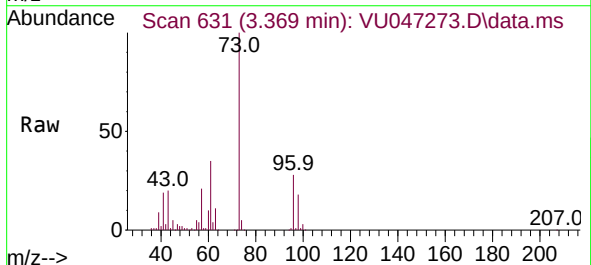
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

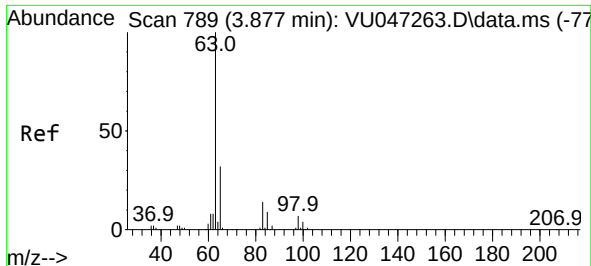
Tgt Ion: 96 Resp: 117967
Ion Ratio Lower Upper
96 100
61 133.1 92.5 171.9
98 63.6 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 44.707 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 73 Resp: 378513
Ion Ratio Lower Upper
73 100
43 19.5 14.1 21.1
57 21.2 16.4 24.6





#19

1,1-Dichloroethane

Concen: 45.599 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

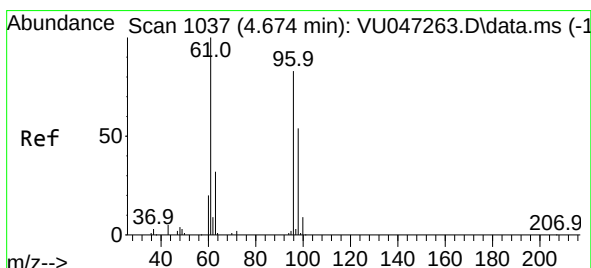
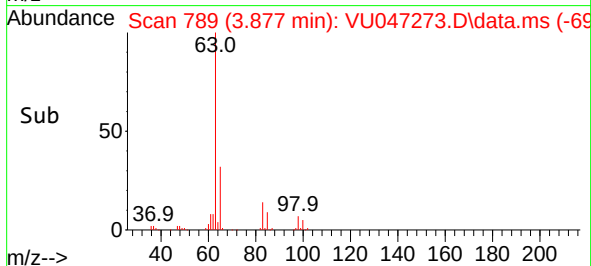
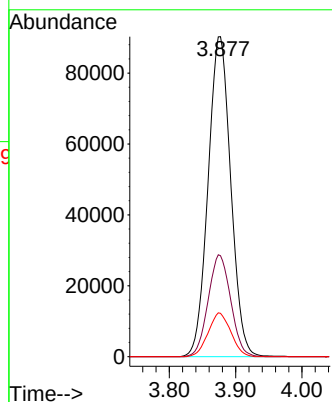
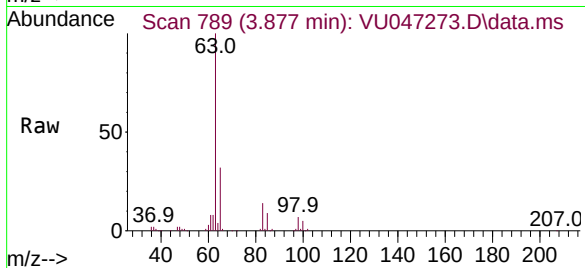
Tgt Ion: 63 Resp: 214400

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 13.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.252 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

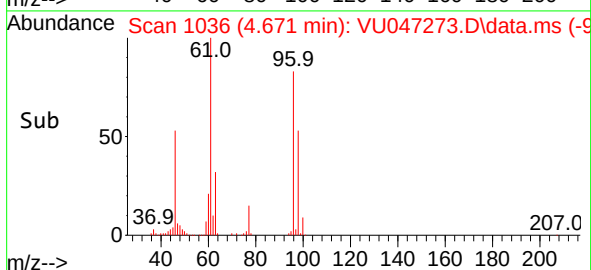
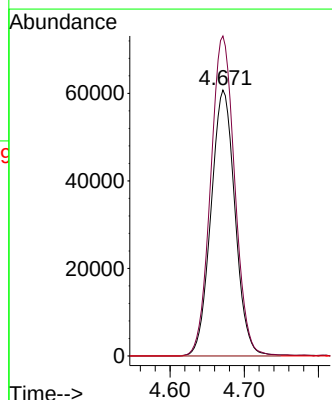
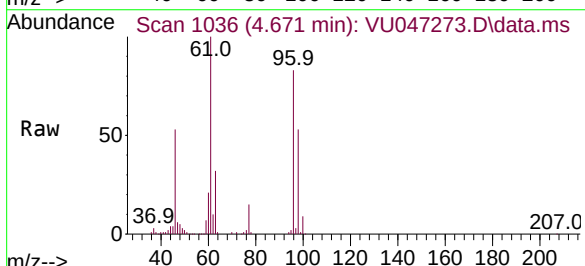
Tgt Ion: 96 Resp: 136393

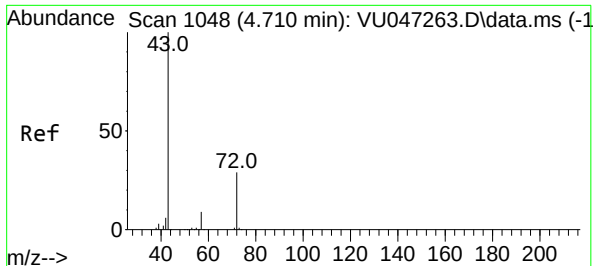
Ion Ratio Lower Upper

96 100

61 120.3 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 108.220 ug/L

RT: 4.723 min Scan# 11052

Delta R.T. 0.013 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

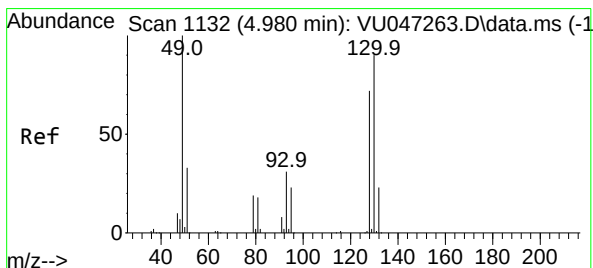
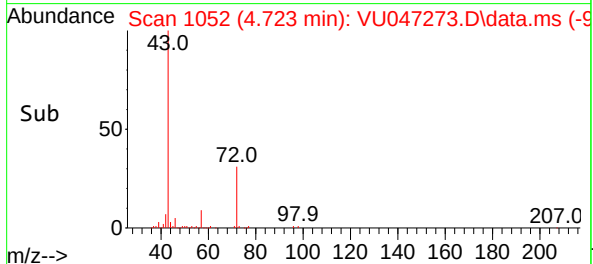
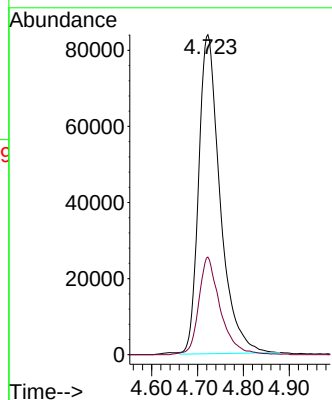
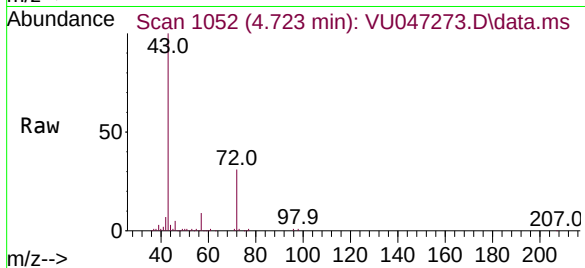
VSTD050173

Tgt Ion: 43 Resp: 273024

Ion Ratio Lower Upper

43 100

72 30.0 15.6 46.8



#23

Bromochloromethane

Concen: 48.248 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Tgt Ion:128 Resp: 70858

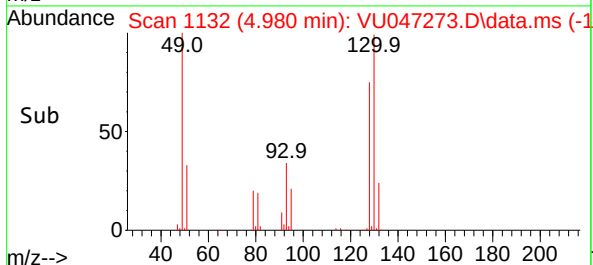
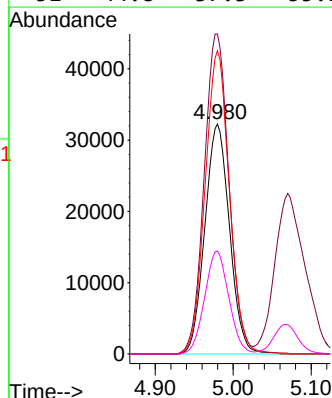
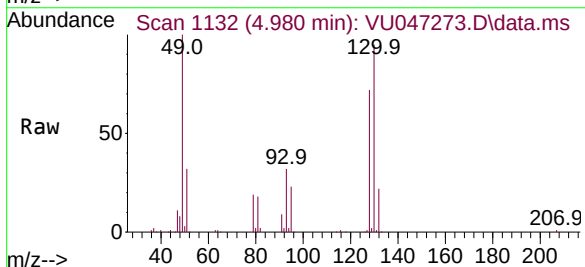
Ion Ratio Lower Upper

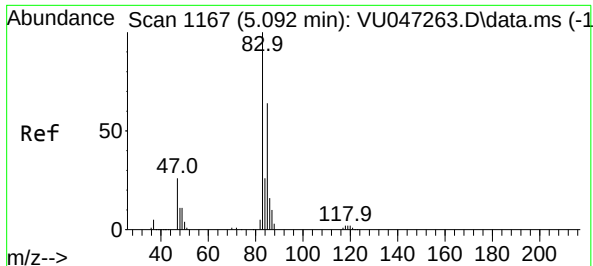
128 100

49 139.2 105.4 195.8

130 131.8 88.7 164.7

51 44.8 37.3 55.9





#25

Chloroform

Concen: 49.498 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

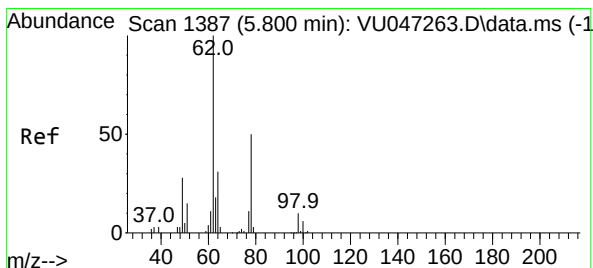
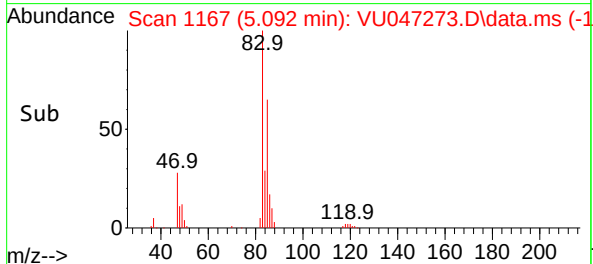
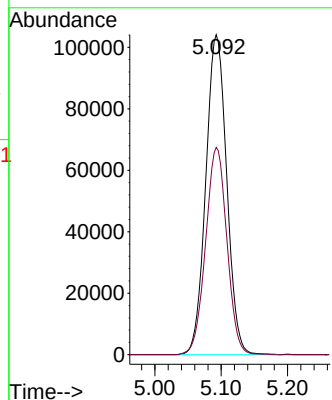
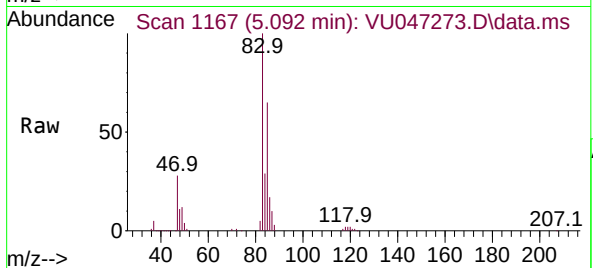
VSTD050173

Tgt Ion: 83 Resp: 227978

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.757 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047273.D

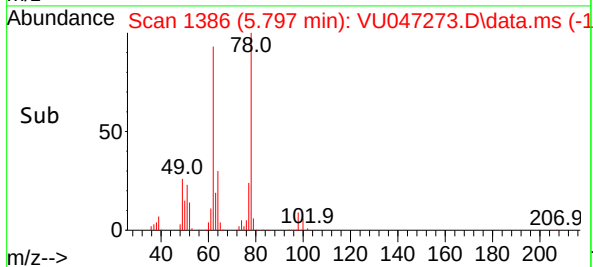
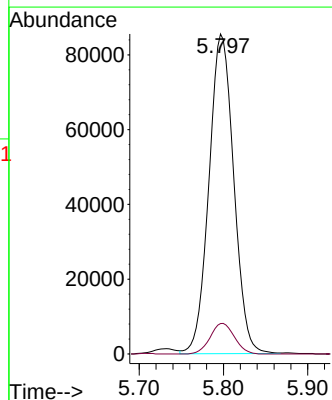
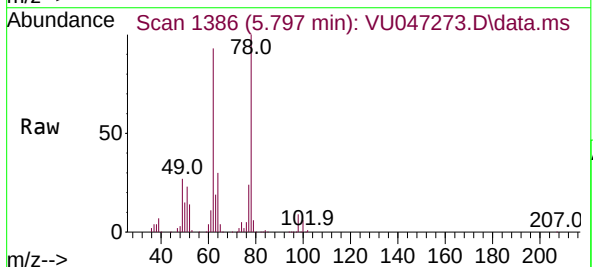
Acq: 25 Feb 2022 16:05

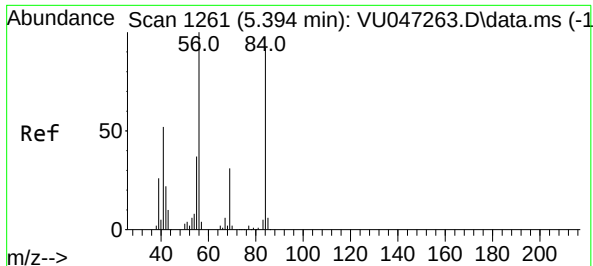
Tgt Ion: 62 Resp: 174776

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 40.313 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

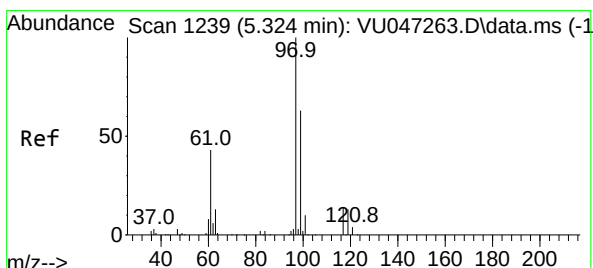
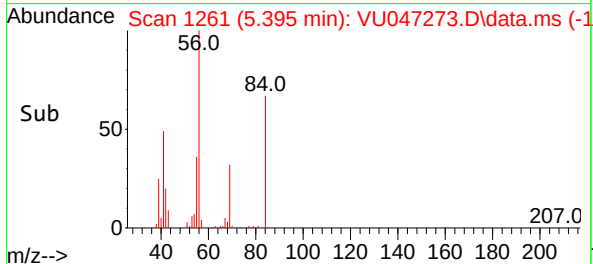
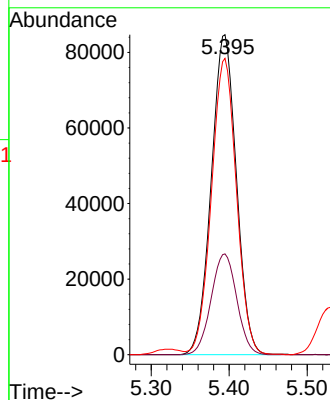
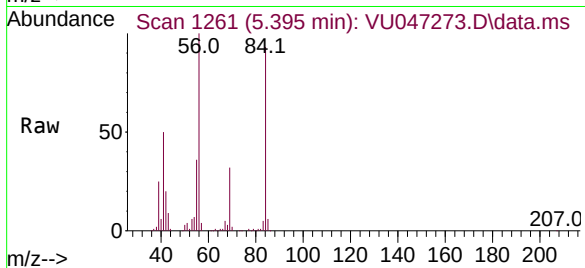
Tgt Ion: 56 Resp: 189412

Ion Ratio Lower Upper

56 100

69 32.1 25.8 38.6

84 92.0 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 45.682 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

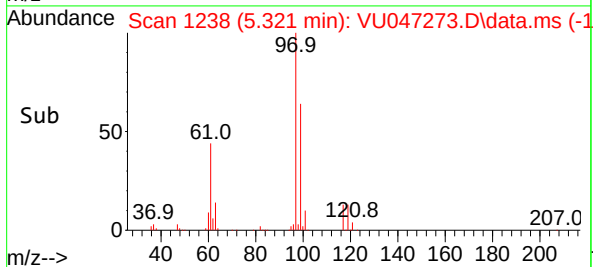
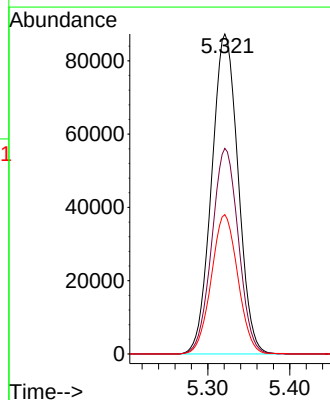
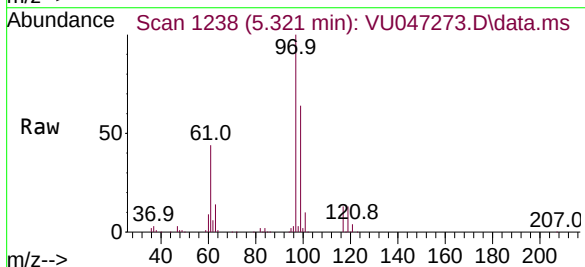
Tgt Ion: 97 Resp: 196164

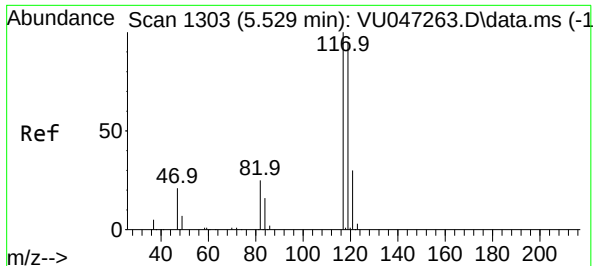
Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 43.6 34.1 51.1

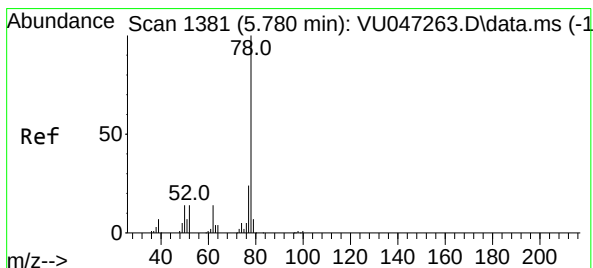
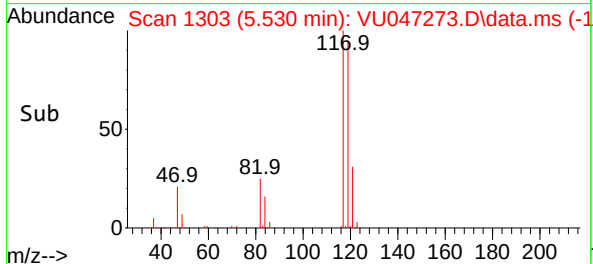
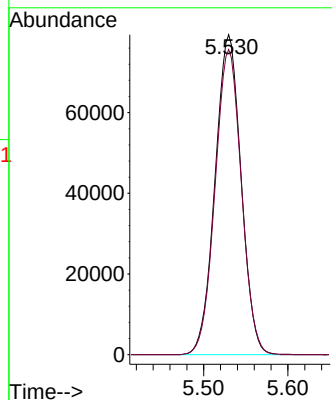
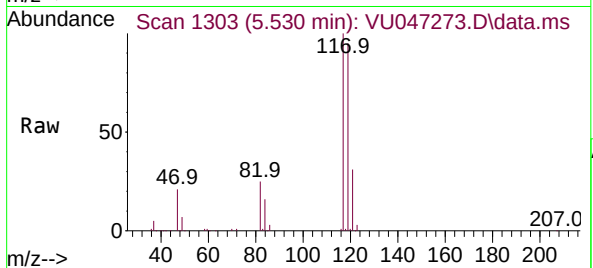




#31
Carbon tetrachloride
Concen: 45.676 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

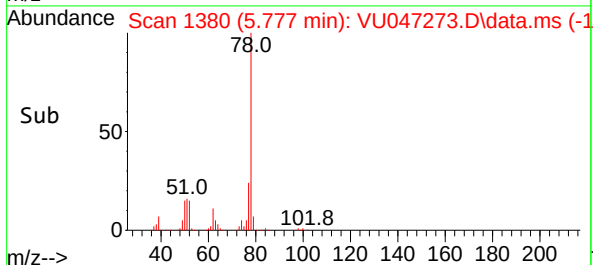
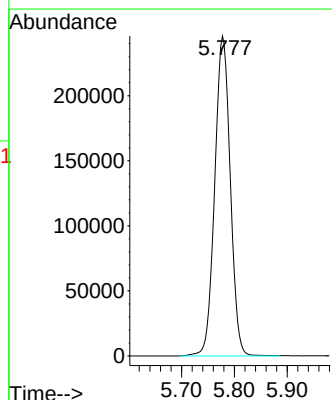
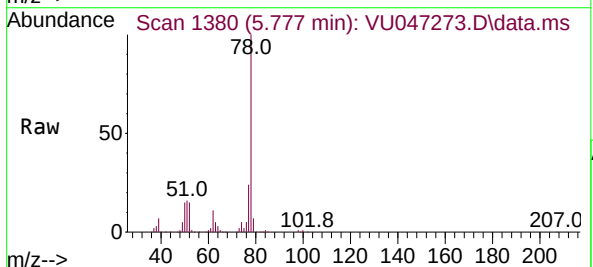
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

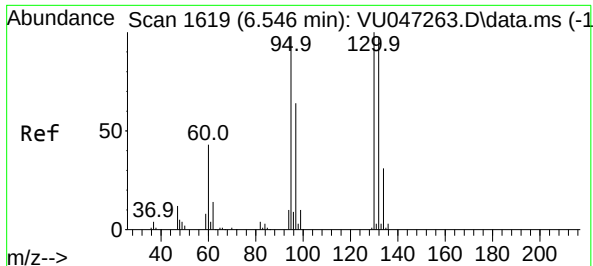
Tgt Ion:117 Resp: 170057
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 44.988 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 78 Resp: 503044





#34

Trichloroethene

Concen: 45.565 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

Tgt Ion: 95 Resp: 132348

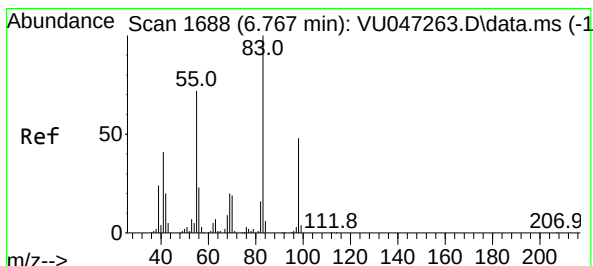
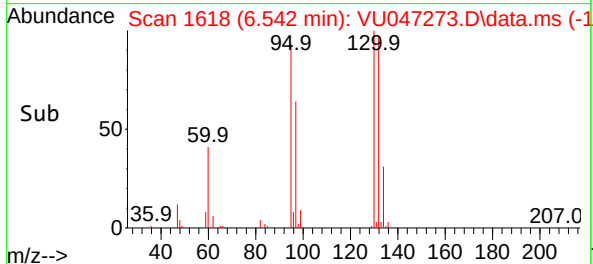
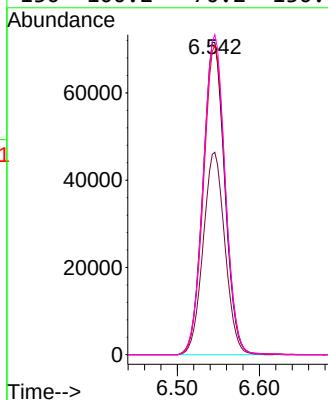
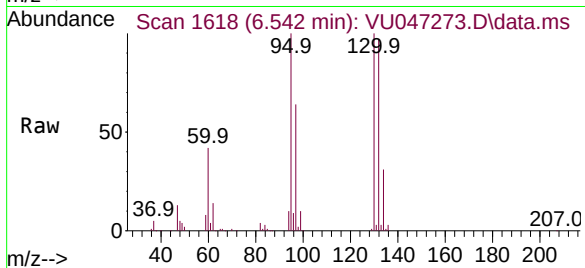
Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.7

132 97.1 66.7 123.9

130 100.2 70.2 130.4



#35

Methylcyclohexane

Concen: 43.344 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

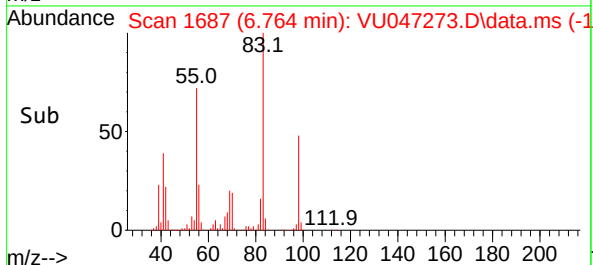
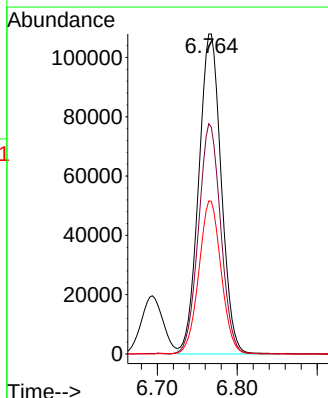
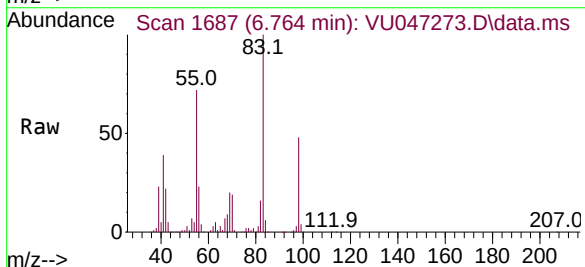
Tgt Ion: 83 Resp: 211240

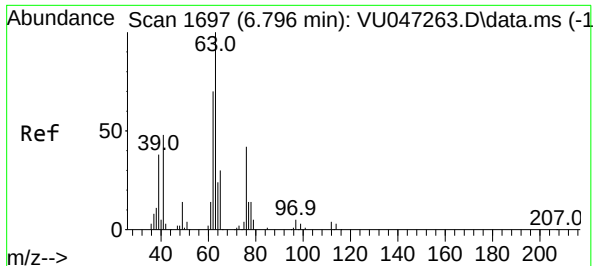
Ion Ratio Lower Upper

83 100

55 71.1 56.6 85.0

98 47.4 38.4 57.6





#37

1,2-Dichloropropane

Concen: 43.461 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

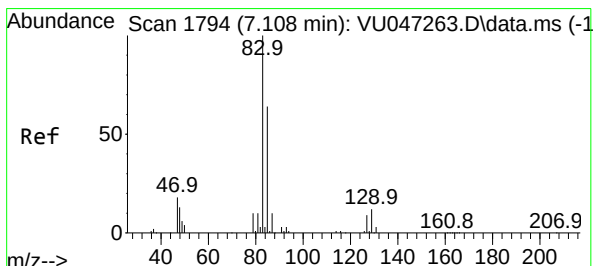
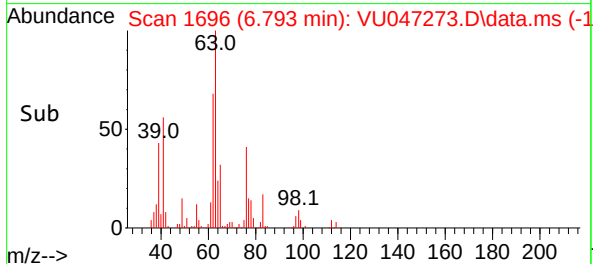
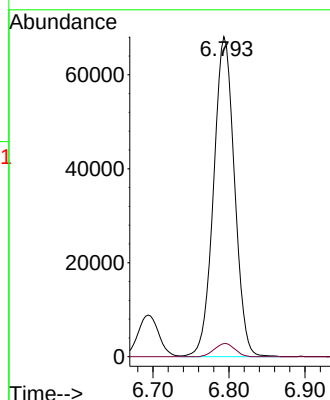
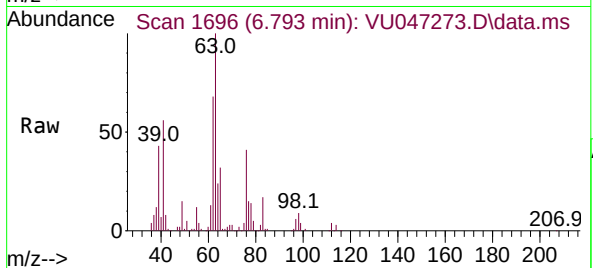
VSTD050173

Tgt Ion: 63 Resp: 130173

Ion Ratio Lower Upper

63 100

112 4.0 3.7 5.5



#38

Bromodichloromethane

Concen: 45.319 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

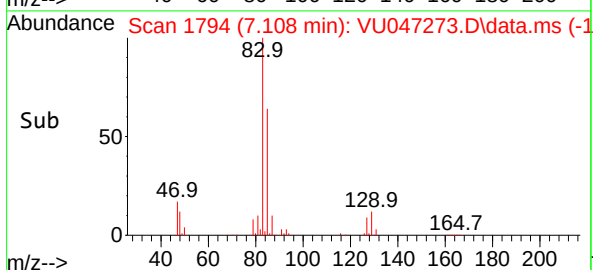
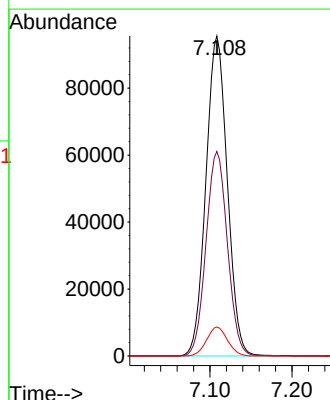
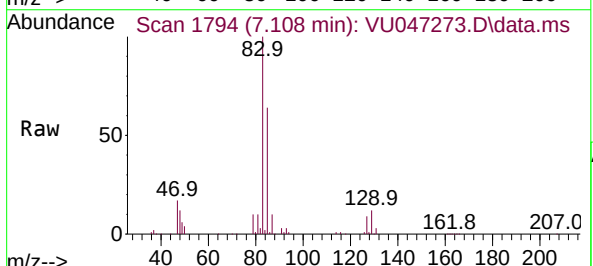
Tgt Ion: 83 Resp: 173007

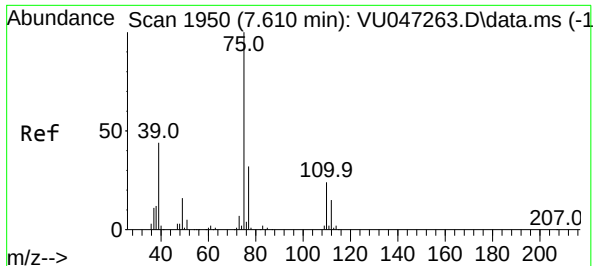
Ion Ratio Lower Upper

83 100

85 63.9 45.0 83.6

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 43.870 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

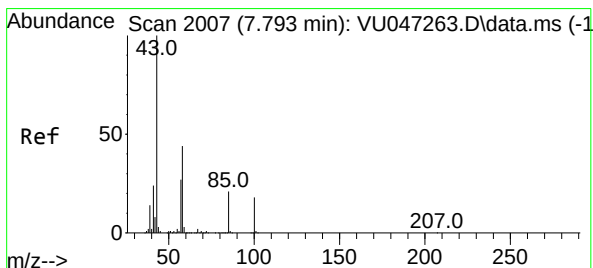
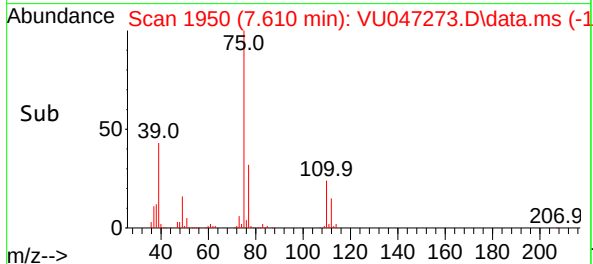
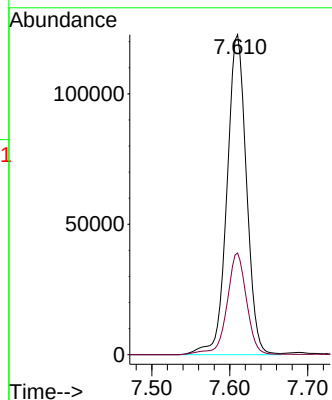
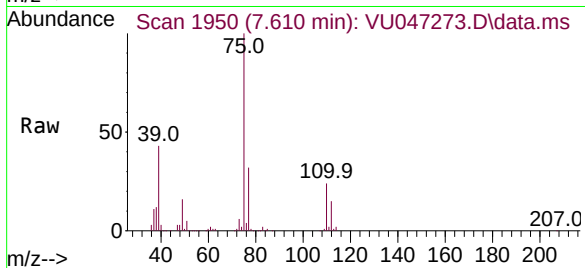
VSTD050173

Tgt Ion: 75 Resp: 213559

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 94.802 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

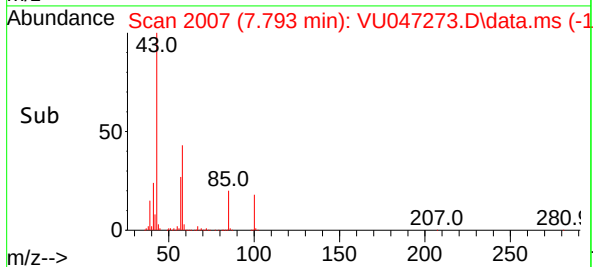
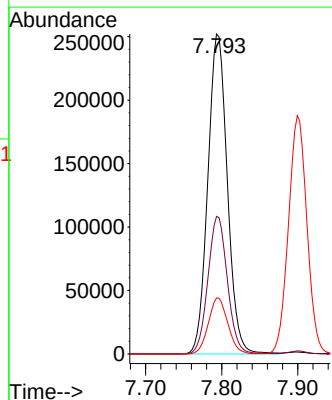
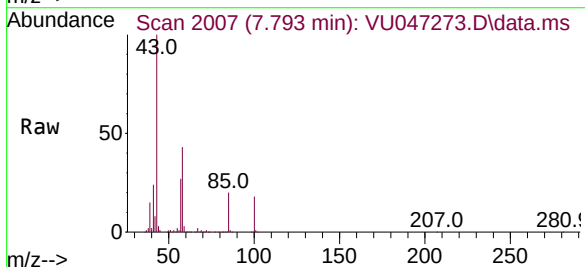
Tgt Ion: 43 Resp: 449655

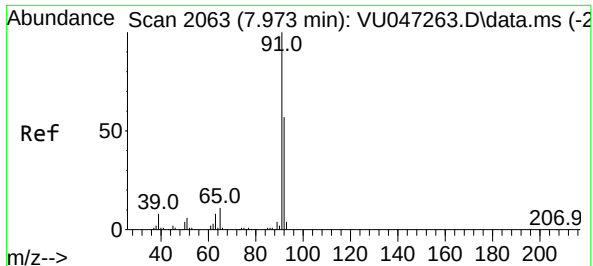
Ion Ratio Lower Upper

43 100

58 42.9 35.8 53.8

100 17.5 15.7 23.5





#42

Toluene

Concen: 45.502 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047273.D

Acq: 25 Feb 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

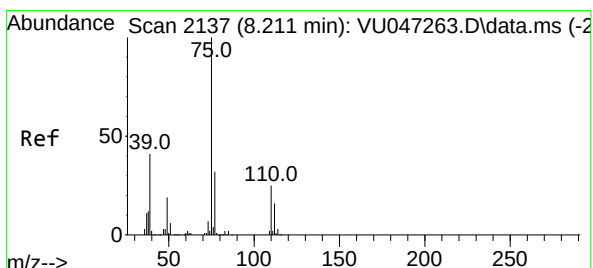
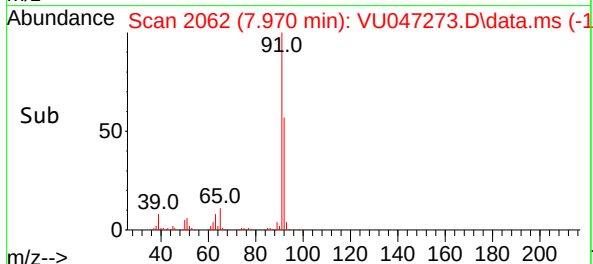
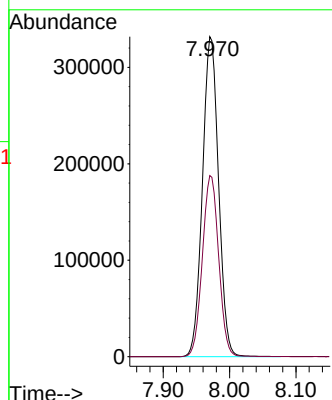
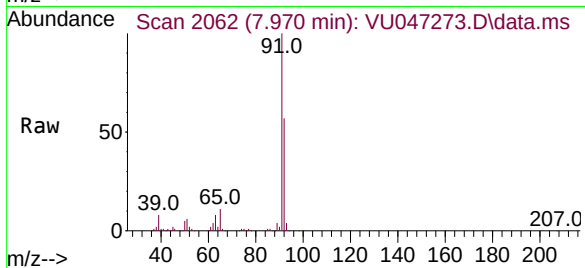
VSTD050173

Tgt Ion: 91 Resp: 558850

Ion Ratio Lower Upper

91 100

92 56.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 44.021 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047273.D

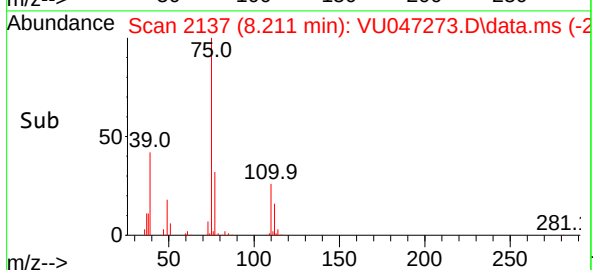
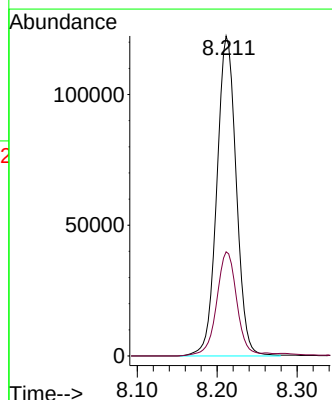
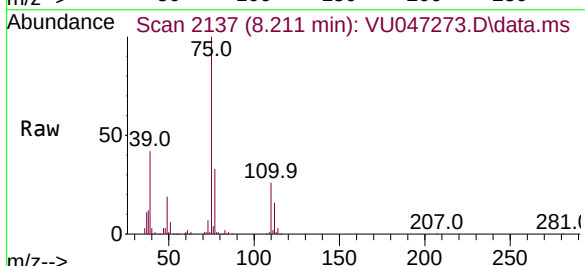
Acq: 25 Feb 2022 16:05

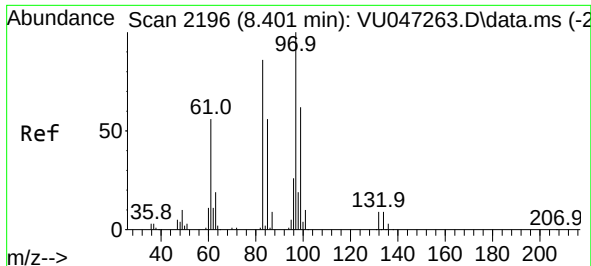
Tgt Ion: 75 Resp: 205897

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.8



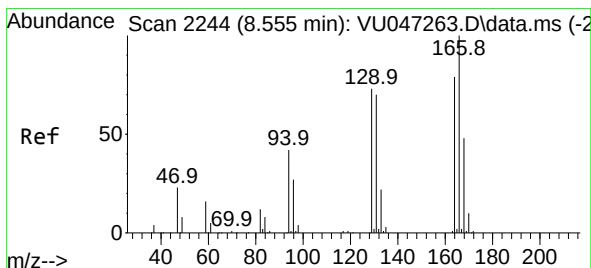
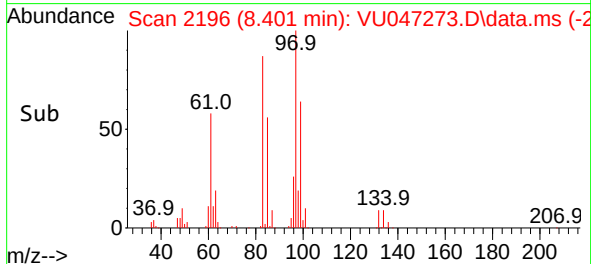
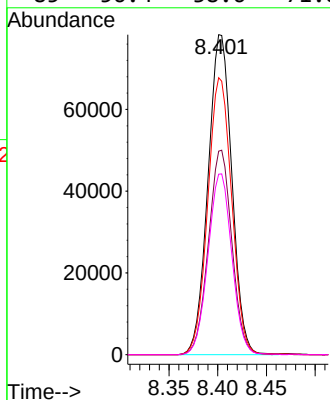
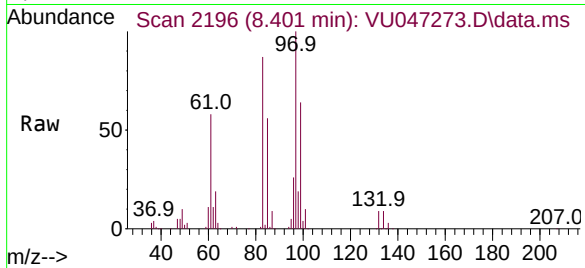


#45
1,1,2-Trichloroethane
Concen: 47.271 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion: 97 Resp: 133352

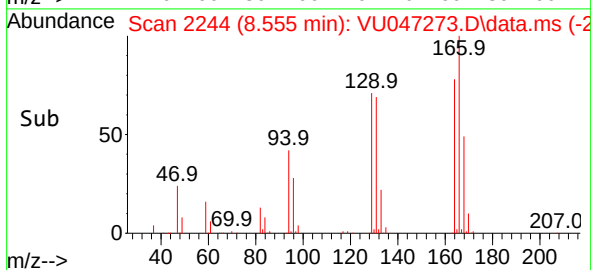
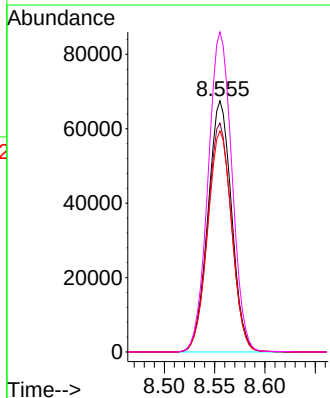
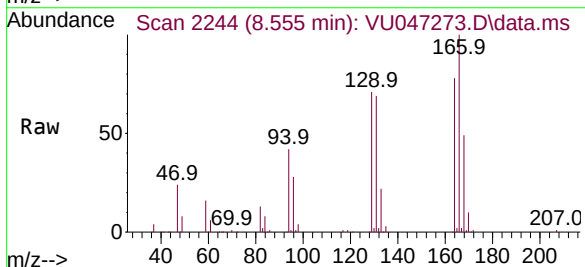
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.4	78.8
83	86.6	59.4	110.4
85	56.4	38.6	71.8

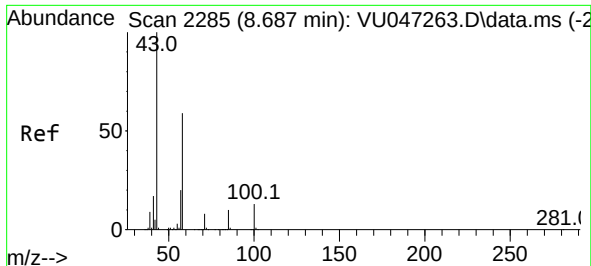


#46
Tetrachloroethene
Concen: 47.421 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 164 Resp: 110801

Ion	Ratio	Lower	Upper
164	100		
129	91.1	69.5	129.1
131	88.0	67.0	124.4
166	127.4	90.6	168.2



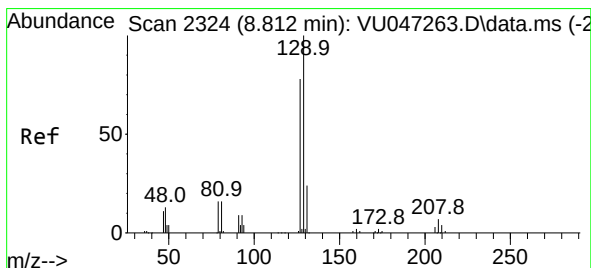
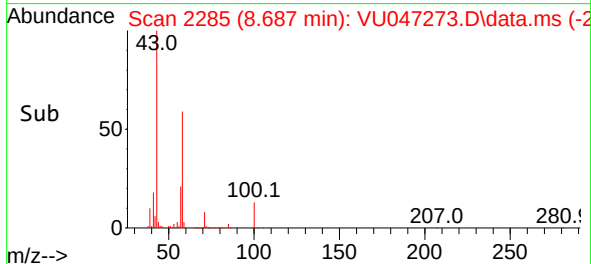
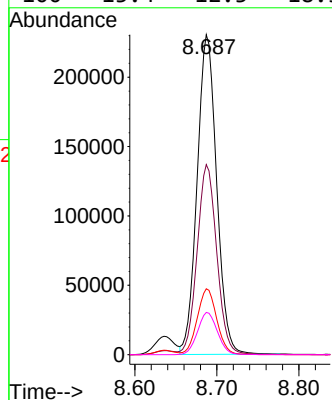
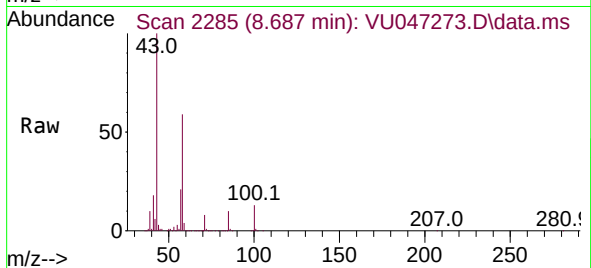


#48
2-Hexanone
Concen: 97.281 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion: 43 Resp: 381584

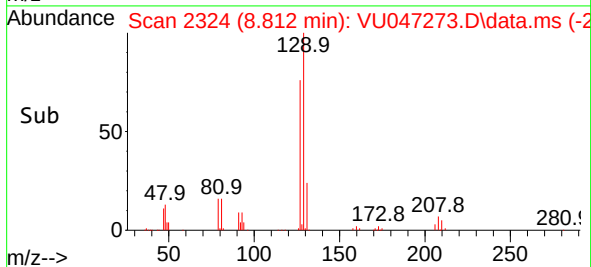
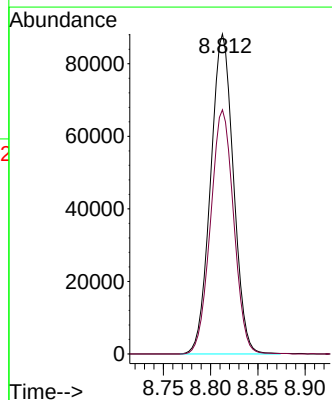
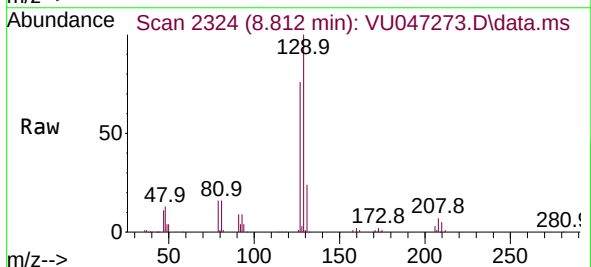
Ion	Ratio	Lower	Upper
43	100		
58	60.0	49.4	74.2
57	20.7	17.5	26.3
100	13.4	12.3	18.5

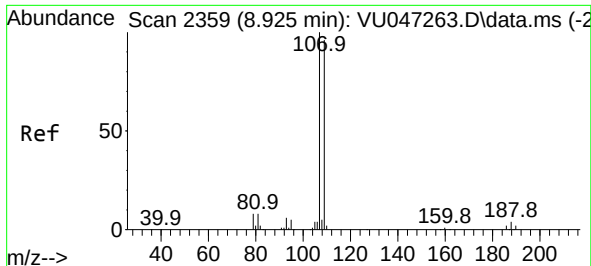


#49
Dibromochloromethane
Concen: 45.455 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 129 Resp: 148357

Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.5	101.3

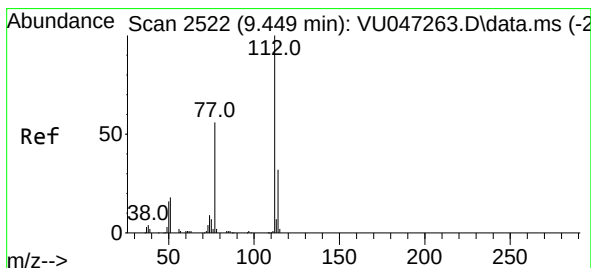
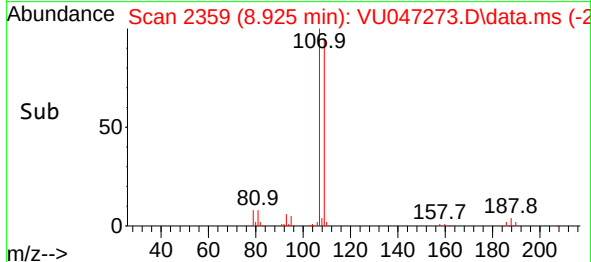
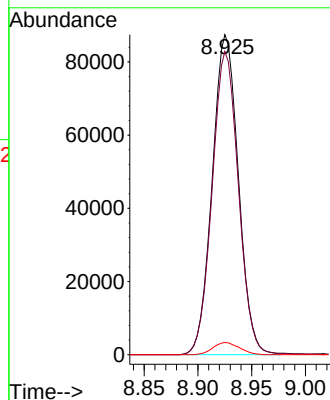
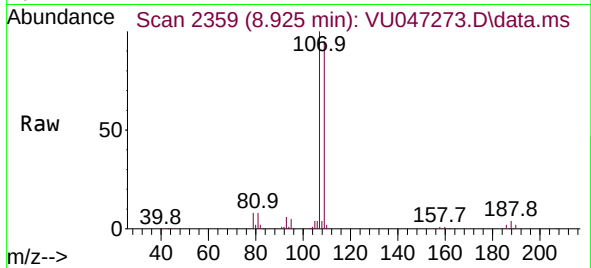




#50
1,2-Dibromoethane
Concen: 47.224 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

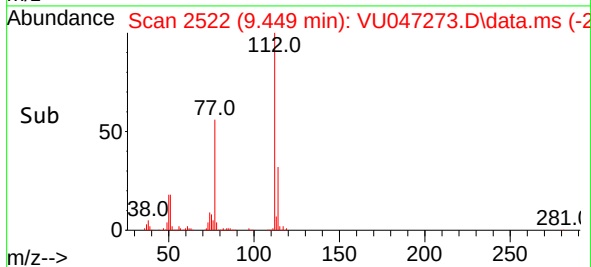
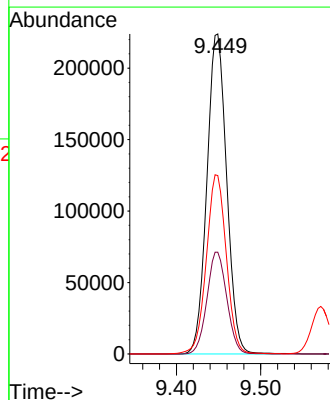
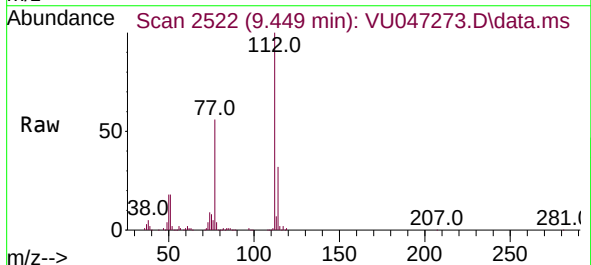
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

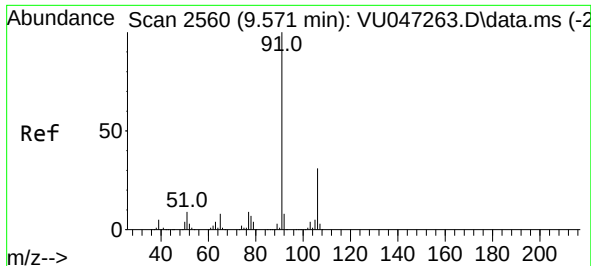
Tgt Ion:107 Resp: 147984
Ion Ratio Lower Upper
107 100
109 94.8 65.6 121.8
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 46.416 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion:112 Resp: 365529
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 55.7 46.5 69.7

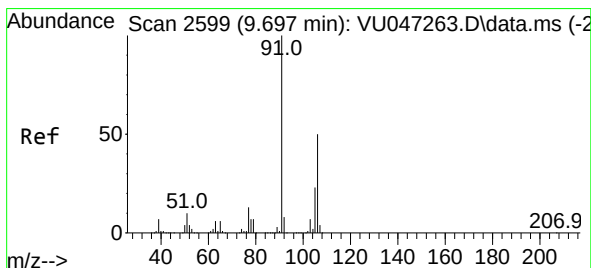
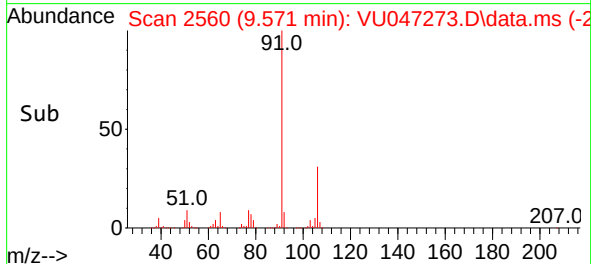
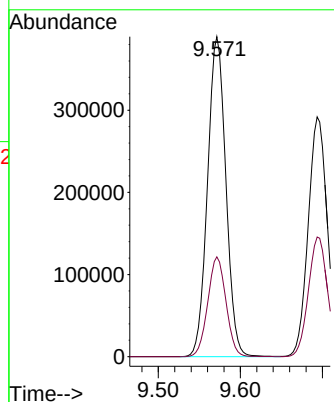
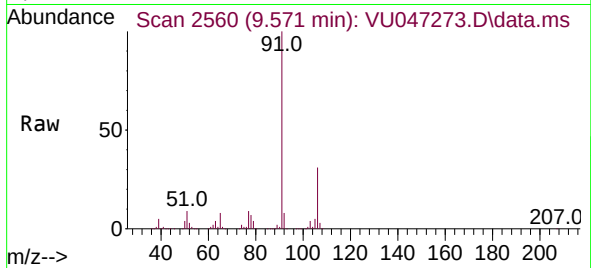




#52
Ethylbenzene
Concen: 45.032 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

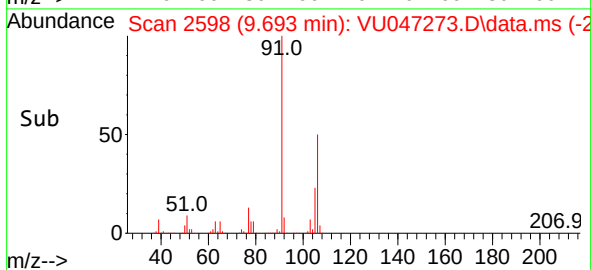
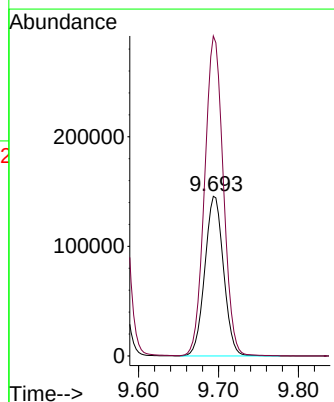
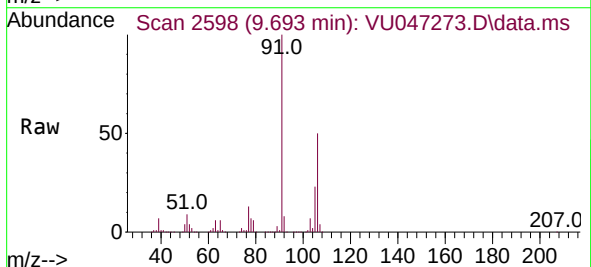
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

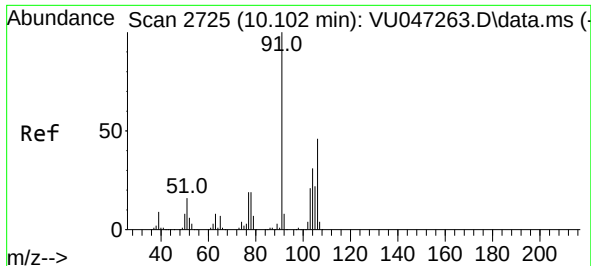
Tgt Ion: 91 Resp: 605304
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 44.484 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 106 Resp: 237236
Ion Ratio Lower Upper
106 100
91 200.3 145.5 270.1

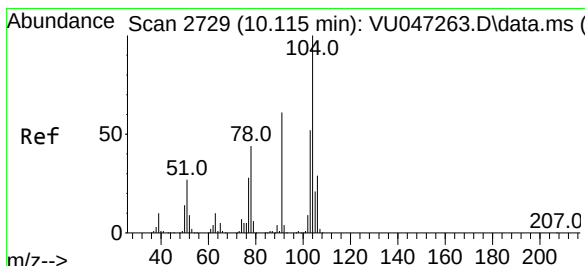
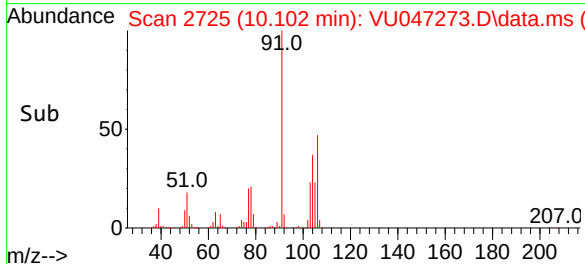
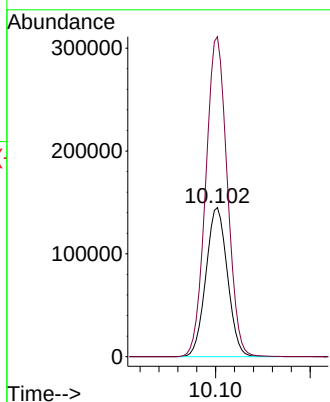
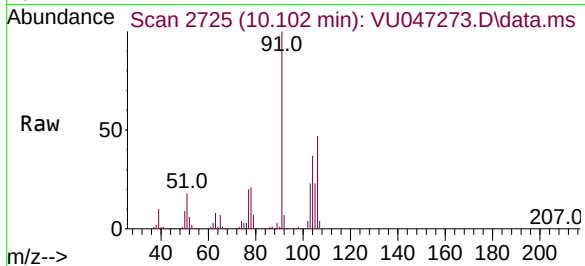




#54
o-xylene
Concen: 43.706 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

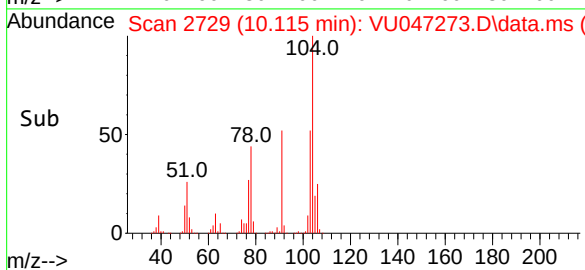
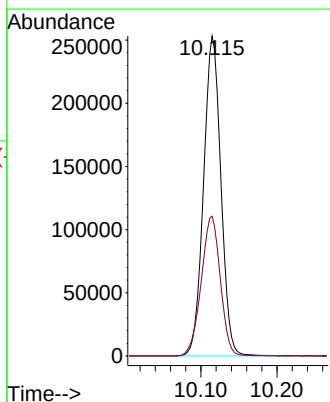
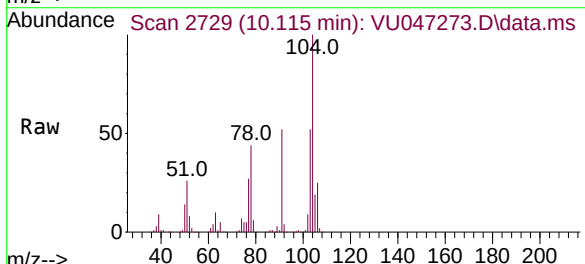
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

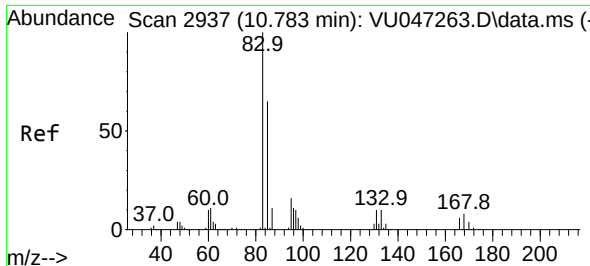
Tgt Ion:106 Resp: 229499
Ion Ratio Lower Upper
106 100
91 214.7 152.0 282.2



#55
Styrene
Concen: 44.468 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion:104 Resp: 401767
Ion Ratio Lower Upper
104 100
78 43.6 32.6 60.6

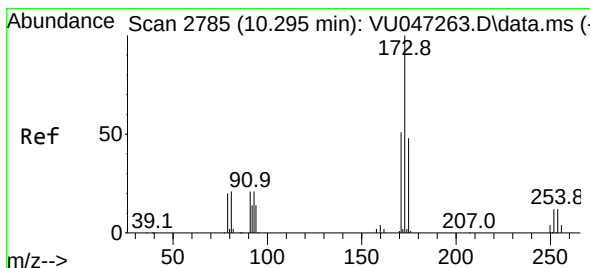
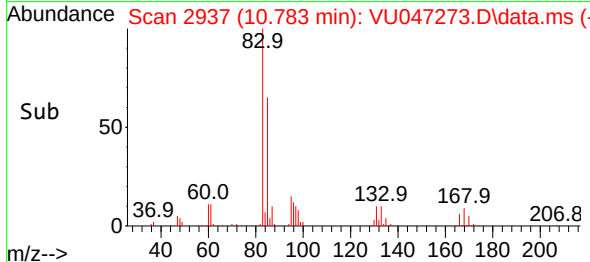
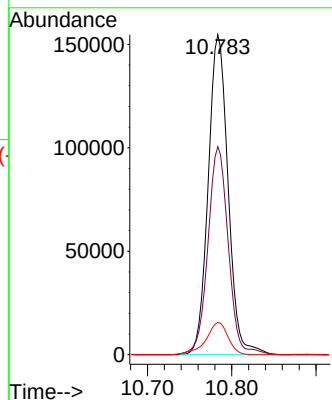
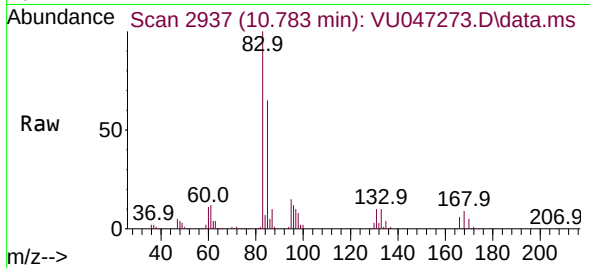




#57
1,1,2,2-Tetrachloroethane
Concen: 51.035 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

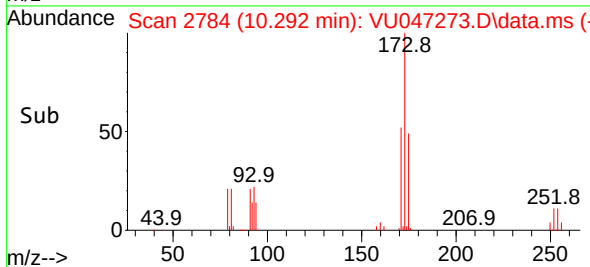
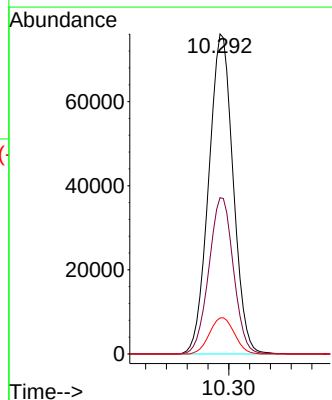
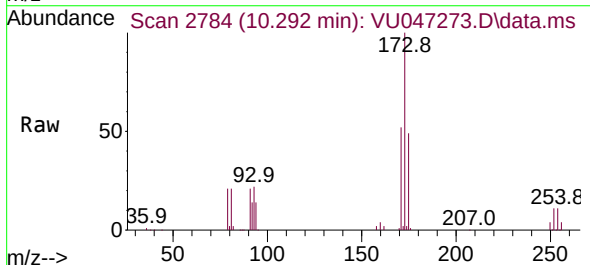
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

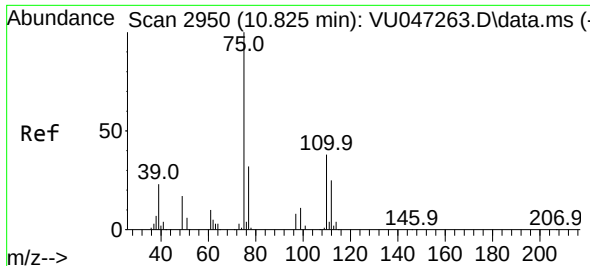
Tgt Ion: 83 Resp: 253810
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 10.1 7.8 11.6



#59
Bromoform
Concen: 41.521 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 173 Resp: 124318
Ion Ratio Lower Upper
173 100
175 49.1 37.6 56.4
254 11.5 8.1 12.1

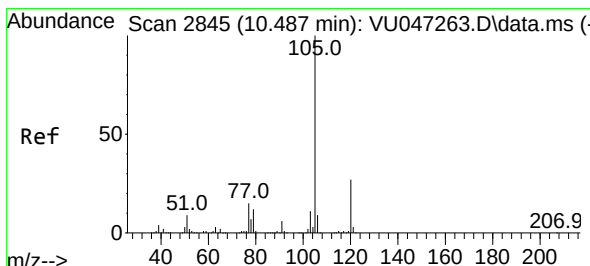
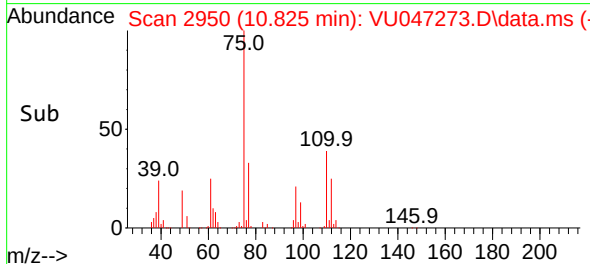
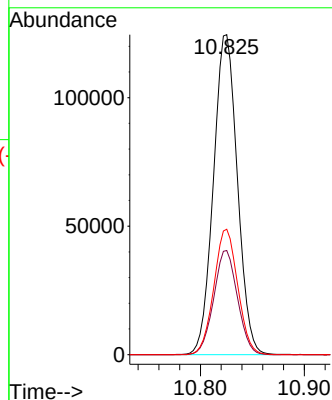
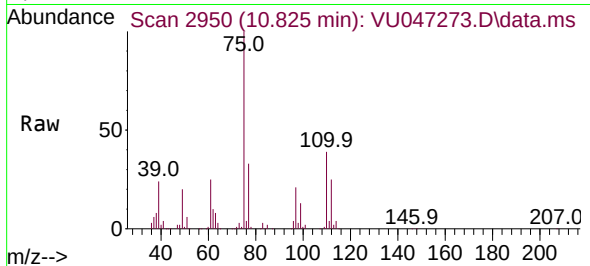




#60
1,2,3-Trichloropropane
Concen: 42.448 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

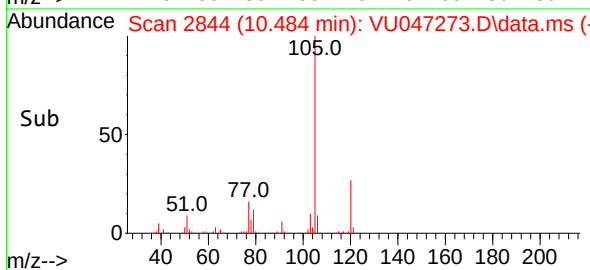
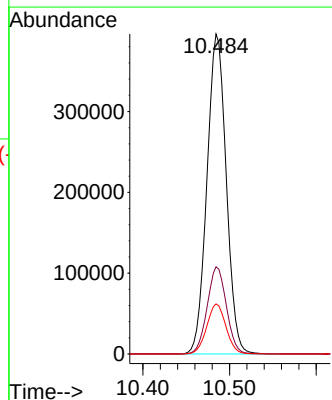
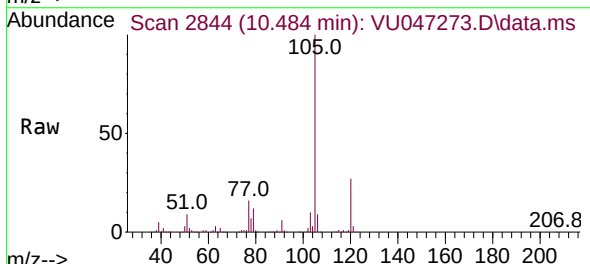
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

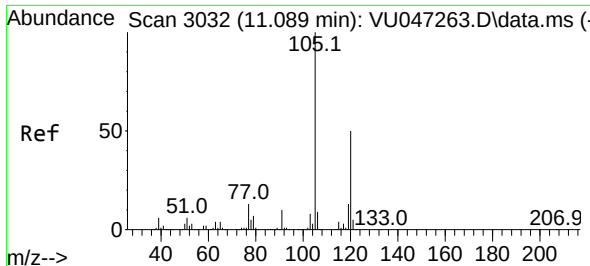
Tgt Ion: 75 Resp: 199563
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.0 32.5 48.7



#61
Isopropylbenzene
Concen: 39.502 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 105 Resp: 612422
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 15.6 12.6 18.8

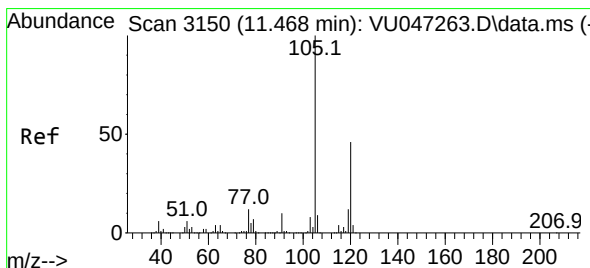
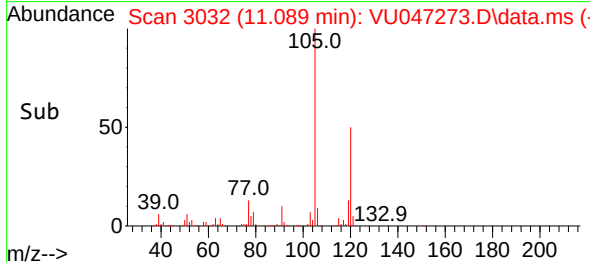
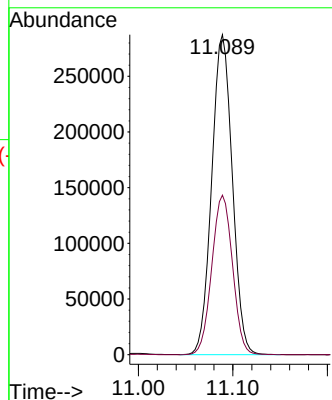
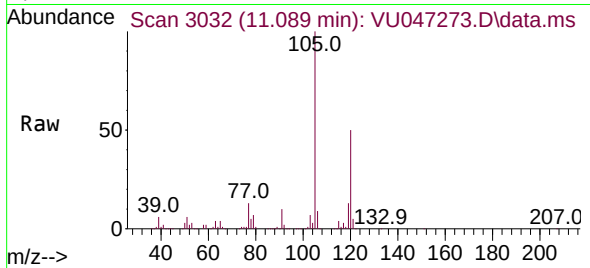




#62
1,3,5-Trimethylbenzene
Concen: 39.585 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

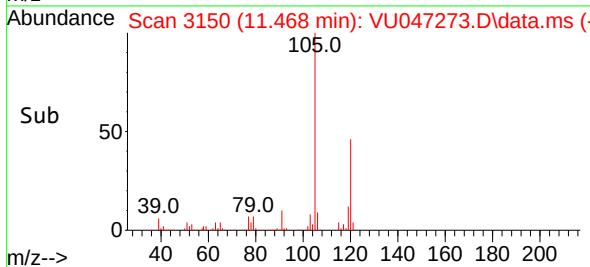
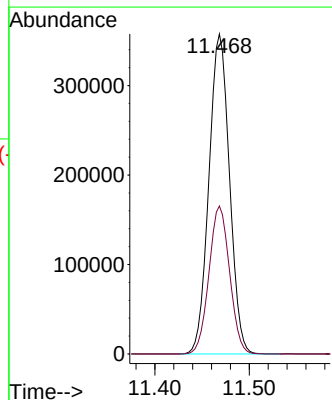
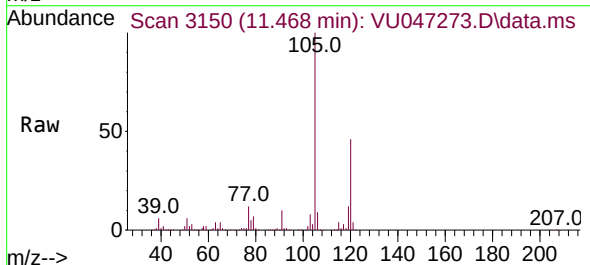
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

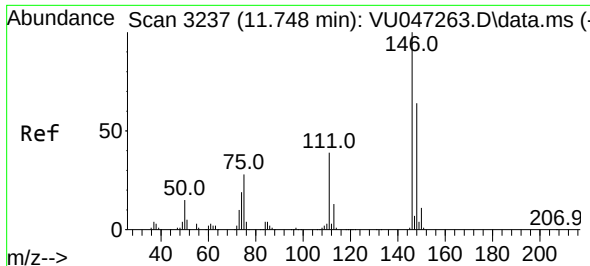
Tgt Ion:105 Resp: 434936
Ion Ratio Lower Upper
105 100
120 50.1 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 40.543 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion:105 Resp: 540839
Ion Ratio Lower Upper
105 100
120 46.3 35.4 53.2

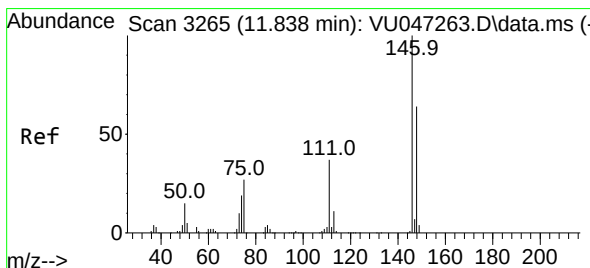
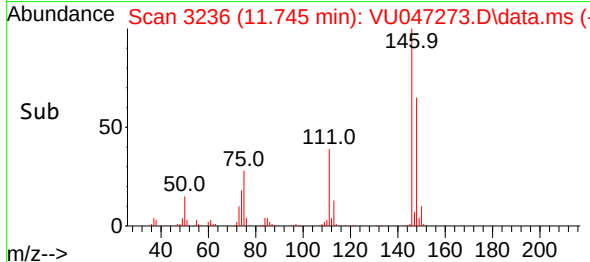
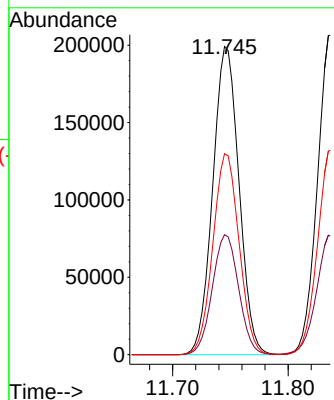
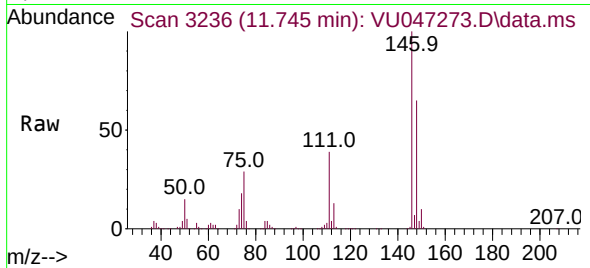




#64
1,3-Dichlorobenzene
Concen: 43.429 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

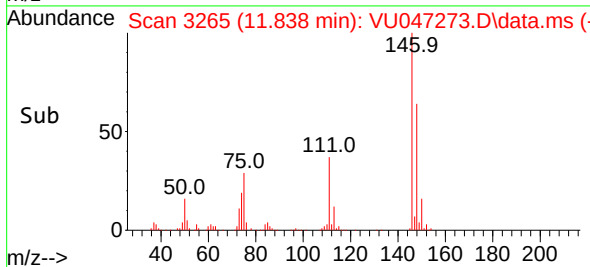
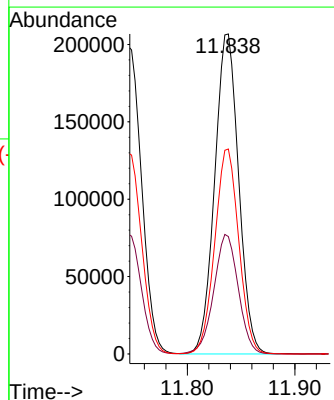
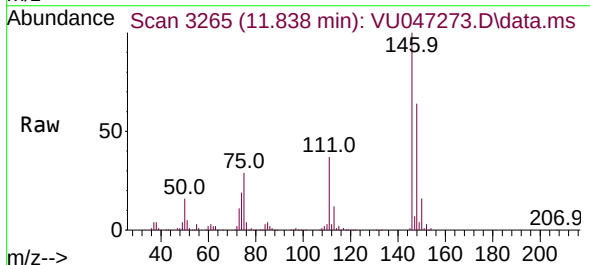
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

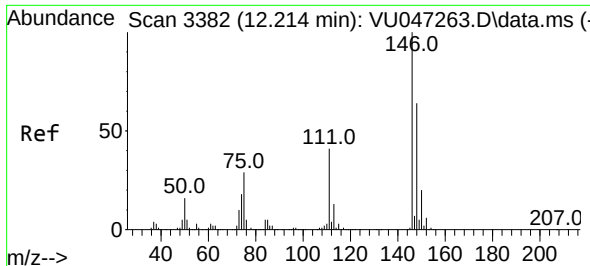
Tgt Ion:146 Resp: 314166
Ion Ratio Lower Upper
146 100
111 39.0 29.4 54.6
148 65.2 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 44.141 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion:146 Resp: 320983
Ion Ratio Lower Upper
146 100
111 36.7 28.9 53.7
148 64.0 44.5 82.7

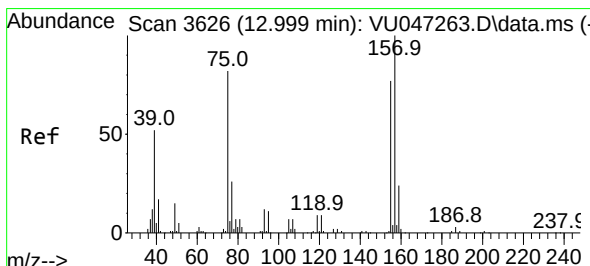
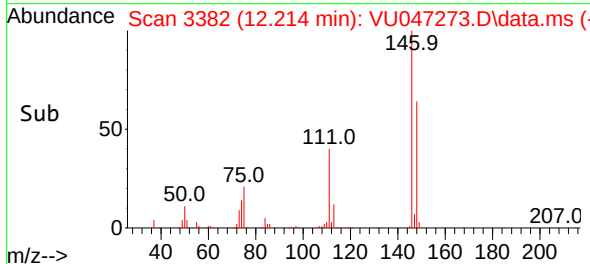
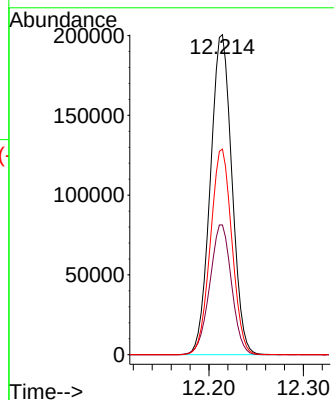
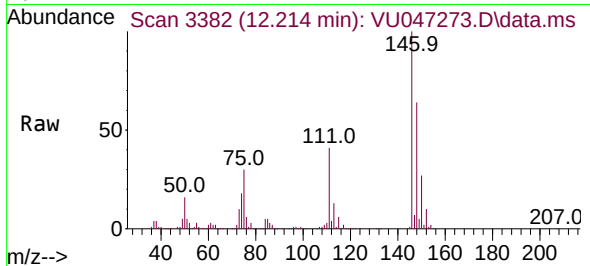




#67
1,2-Dichlorobenzene
Concen: 44.157 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

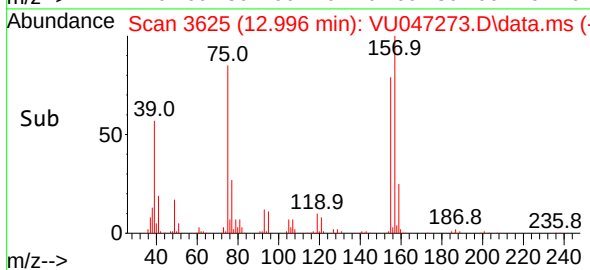
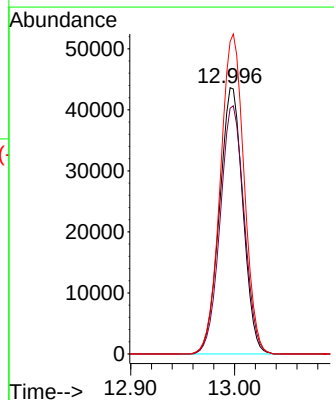
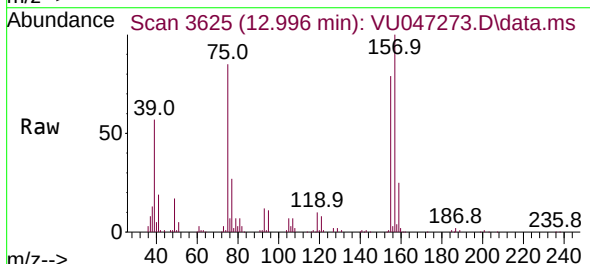
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

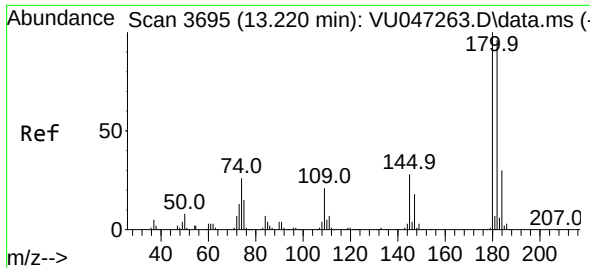
Tgt Ion:146 Resp: 317883
Ion Ratio Lower Upper
146 100
111 40.6 34.2 51.4
148 64.3 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 45.628 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion: 75 Resp: 68342
Ion Ratio Lower Upper
75 100
155 92.3 65.0 97.4
157 117.4 79.7 119.5



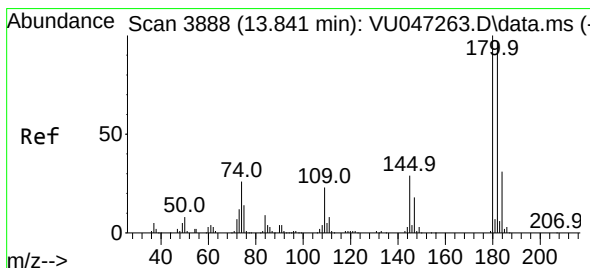
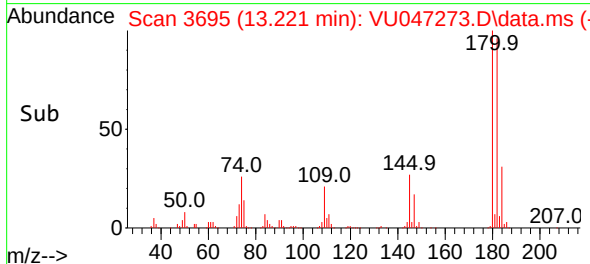
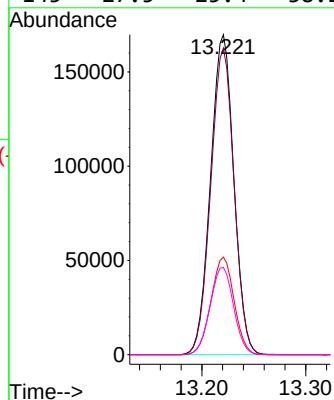
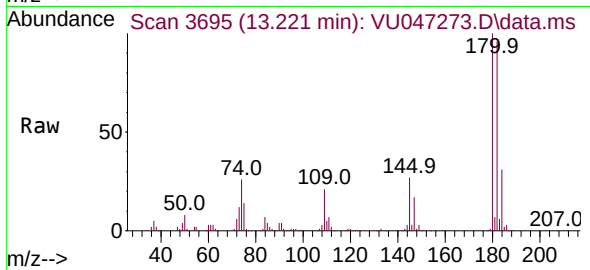


#69
 1,3,5-Trichlorobenzene
 Concen: 47.258 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Tgt Ion:180 Resp: 264377

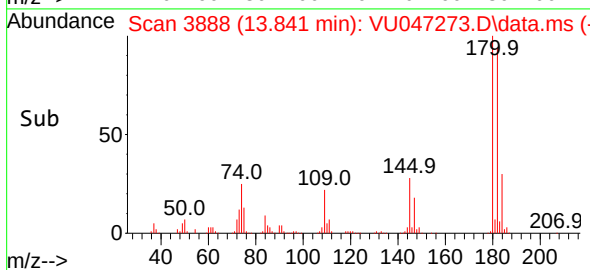
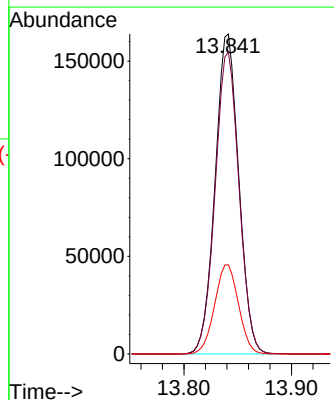
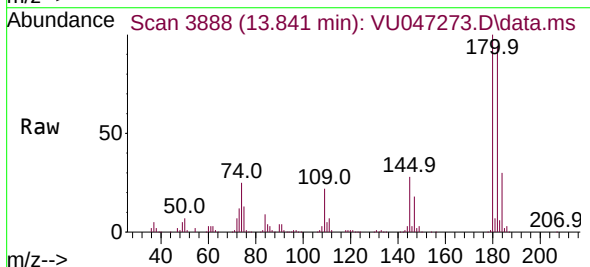
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.6
184	30.4	24.7	37.1
145	27.5	25.4	38.2

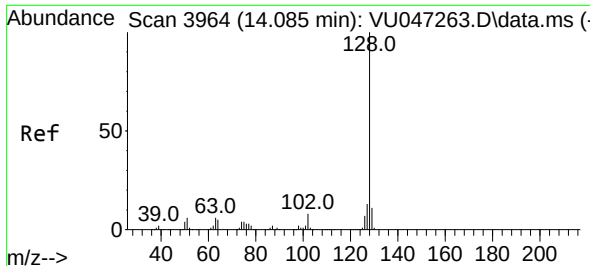


#70
 1,2,4-trichlorobenzene
 Concen: 47.245 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047273.D
 Acq: 25 Feb 2022 16:05

Tgt Ion:180 Resp: 250544

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	28.1	25.2	37.8

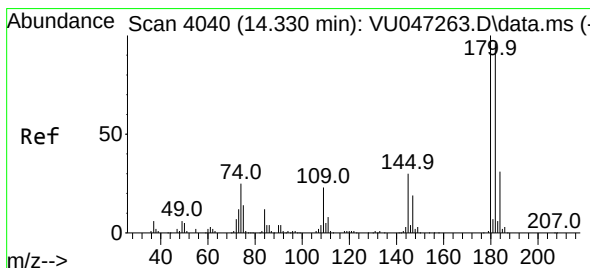
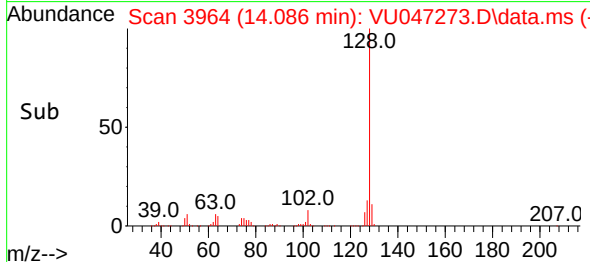
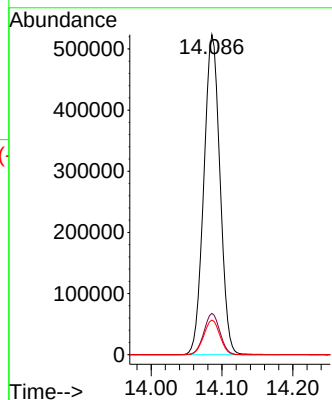
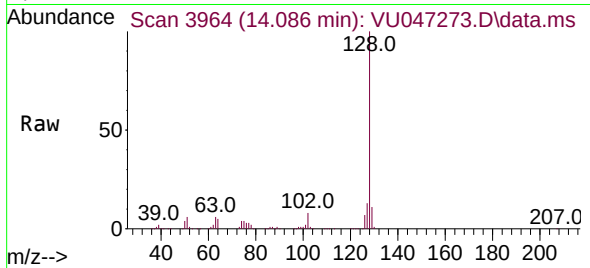




#71
Naphthalene
Concen: 44.098 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion:128 Resp: 827908
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.194 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047273.D
Acq: 25 Feb 2022 16:05

Tgt Ion:180 Resp: 243917
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 29.6 27.4 41.2

