

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051568.D
 Acq On : 28 Oct 2022 14:51
 Operator : JC/MD
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

Quant Time: Oct 28 22:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	242569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	361049	19.719	ug/L	0.00
7) Chloroethane-d5	1.906	69	363416	19.032	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	133808	20.137	ug/L	0.00
20) 2-Butanone-d5	4.623	46	1410537	212.722	ug/L	-0.01
24) Chloroform-d	5.060	84	847456	19.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	434165	18.759	ug/L	0.00
32) Benzene-d6	5.722	84	1583783	20.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	543506	20.305	ug/L	0.00
41) Toluene-d8	7.896	98	1275512	21.189	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	174943	21.375	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	1221910	248.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	492036	20.060	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	484238	19.869	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	572333	21.527	ug/L	99
3) Chloromethane	1.523	50	636379	18.988	ug/L	99
5) Vinyl chloride	1.600	62	667723	20.799	ug/L	98
6) Bromomethane	1.854	94	307224	20.183	ug/L	96
8) Chloroethane	1.928	64	394352	20.229	ug/L	100
9) Trichlorofluoromethane	2.134	101	746625	21.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	444832	21.469	ug/L	99
12) 1,1-Dichloroethene	2.575	96	441957	20.912	ug/L	97
13) Acetone	2.636	43	633361	188.253	ug/L	100
14) Carbon disulfide	2.787	76	1429725	20.986	ug/L	99
15) Methyl Acetate	2.951	43	167099	18.971	ug/L	94
16) Methylene chloride	3.041	84	509601	14.721	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	1037263	21.404	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	478903	21.114	ug/L	99
19) 1,1-Dichloroethane	3.864	63	860014	20.557	ug/L	99
21) 2-Butanone	4.703	43	1127510	214.000	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	533800	21.269	ug/L	98
23) Bromochloromethane	4.973	128	235150	20.039	ug/L	96
25) Chloroform	5.086	83	876761	20.202	ug/L	99
27) 1,2-Dichloroethane	5.790	62	525014	19.657	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	705002	21.406	ug/L	99
30) Cyclohexane	5.385	56	772568	25.475	ug/L	99
31) Carbon tetrachloride	5.523	117	605802	21.507	ug/L	99
33) Benzene	5.771	78	2032271	21.230	ug/L	100
34) Trichloroethene	6.539	95	496402	21.488	ug/L	99
35) Methylcyclohexane	6.761	83	840475	26.313	ug/L	98
37) 1,2-Dichloropropane	6.787	63	519461	21.098	ug/L	99
38) Bromodichloromethane	7.102	83	626152	20.821	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	729931	23.109	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	2808419	227.416	ug/L	99
42) Toluene	7.967	91	2194828	22.326	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	607215	23.003	ug/L	100

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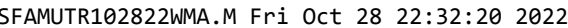
Quant Time: Oct 28 22:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
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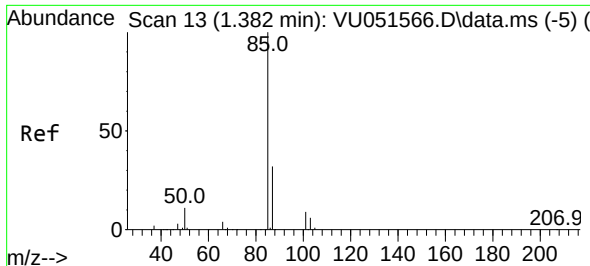
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	370444	20.532	ug/L	100
47) Tetrachloroethene	8.552	164	384518	21.734	ug/L	96
48) 2-Hexanone	8.680	43	2007344	219.599	ug/L	98
49) Dibromochloromethane	8.809	129	429154	20.822	ug/L	100
50) 1,2-Dibromoethane	8.922	107	346577	21.292	ug/L	97
51) Chlorobenzene	9.446	112	1327226	21.451	ug/L	99
52) Ethylbenzene	9.568	91	2298965	24.236	ug/L	99
53) m,p-Xylene	9.690	106	900592	24.444	ug/L	99
54) o-Xylene	10.098	106	875686	24.319	ug/L	99
55) Styrene	10.111	104	1508575	25.060	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	456833	20.421	ug/L	99
59) Bromoform	10.288	173	238678	19.454	ug/L	99
60) Isopropylbenzene	10.481	105	2277518	23.495	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	317066	18.465	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	645439	24.733	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1929119	25.637	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1016939	21.073	ug/L	100
65) 1,4-Dichlorobenzene	11.831	146	1010234	20.879	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	961389	20.452	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	69493	19.655	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	746399	21.699	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	609175	23.069	ug/L	98
71) Naphthalene	14.082	128	1190388	24.149	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	595614	22.336	ug/L	100

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

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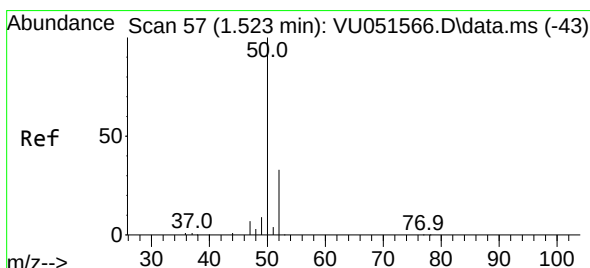
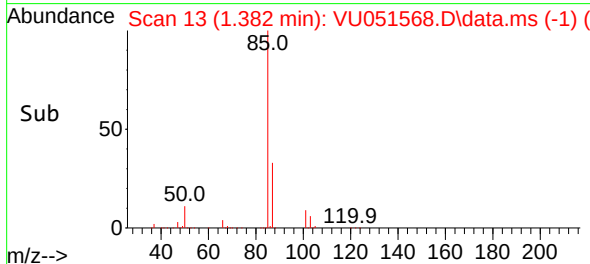
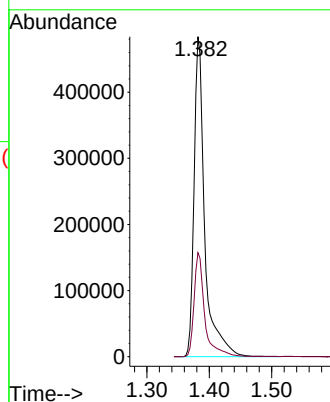
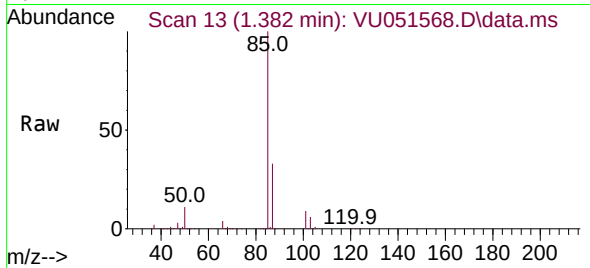




#2
Dichlorodifluoromethane
Concen: 21.527 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

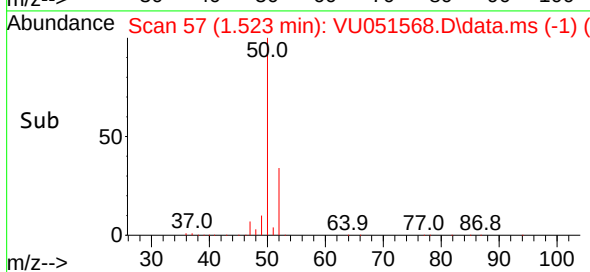
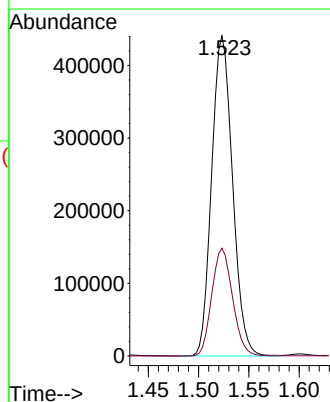
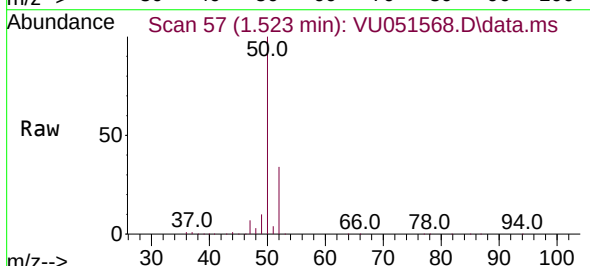
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

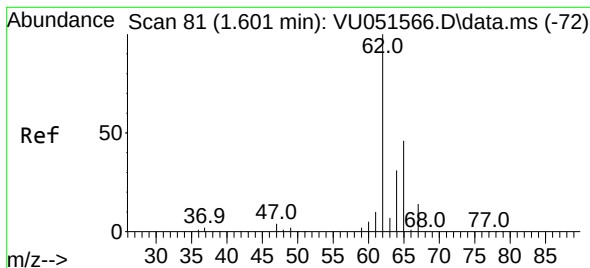
Tgt Ion: 85 Resp: 572333
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 18.988 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 50 Resp: 636379
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 20.799 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

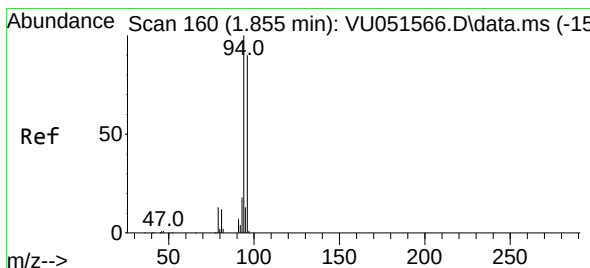
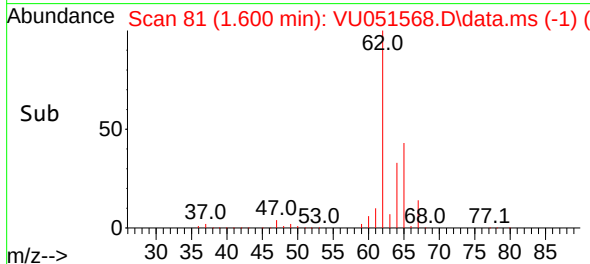
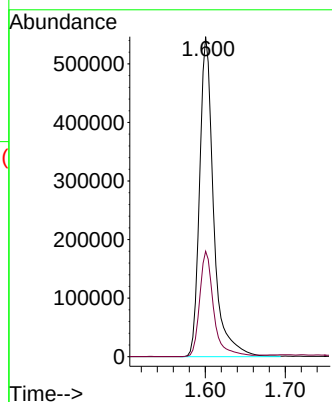
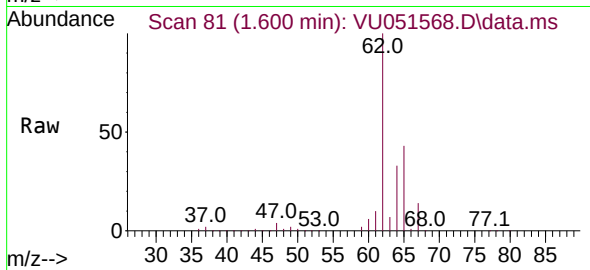
VSTD020066

Tgt Ion: 62 Resp: 667723

Ion Ratio Lower Upper

62 100

64 32.9 22.1 41.1



#6

Bromomethane

Concen: 20.183 ug/L

RT: 1.854 min Scan# 160

Delta R.T. -0.000 min

Lab File: VU051568.D

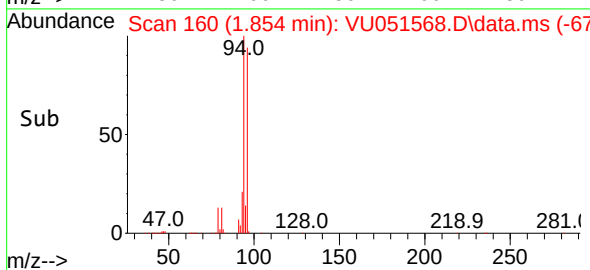
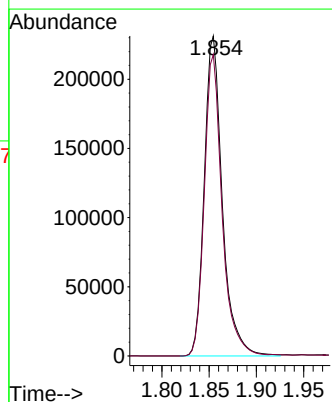
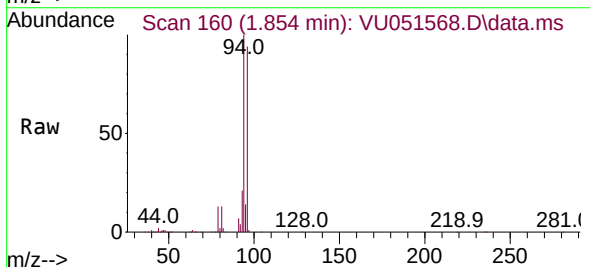
Acq: 28 Oct 2022 14:51

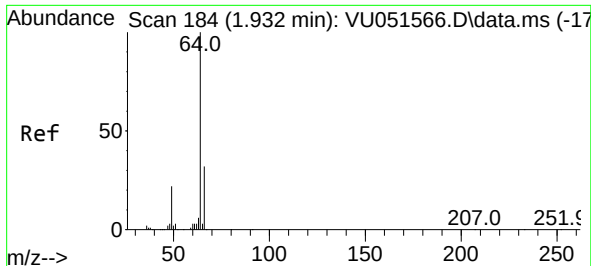
Tgt Ion: 94 Resp: 307224

Ion Ratio Lower Upper

94 100

96 94.2 63.2 117.4

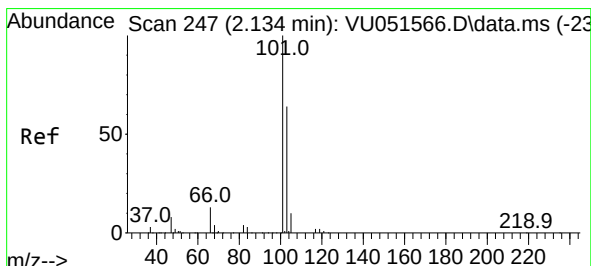
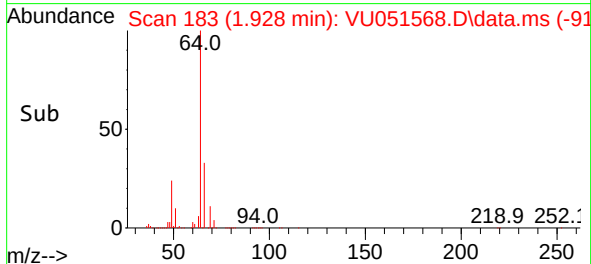
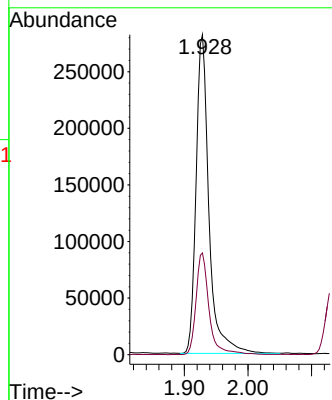
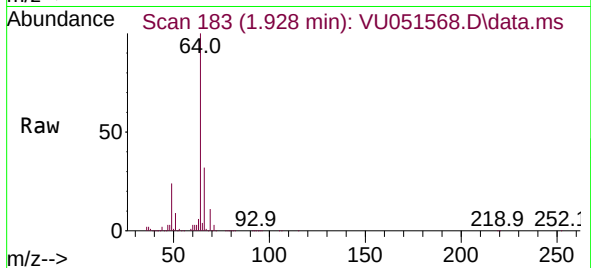




#8
Chloroethane
Concen: 20.229 ug/L
RT: 1.928 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

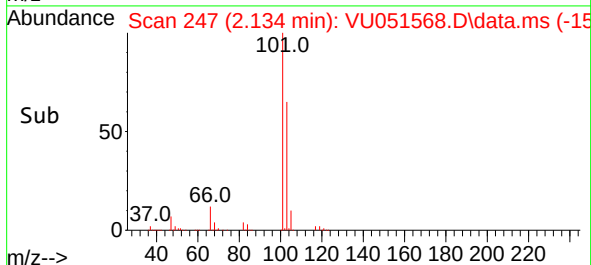
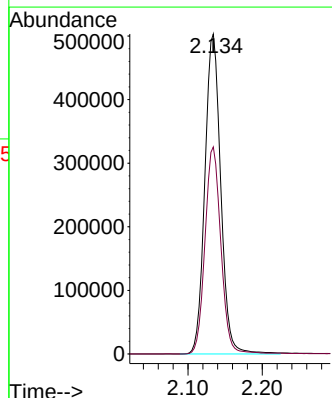
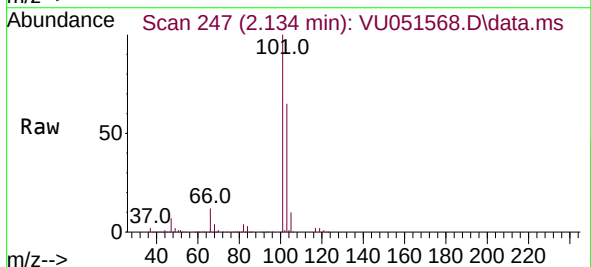
Instrument :
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ClientSampleId :
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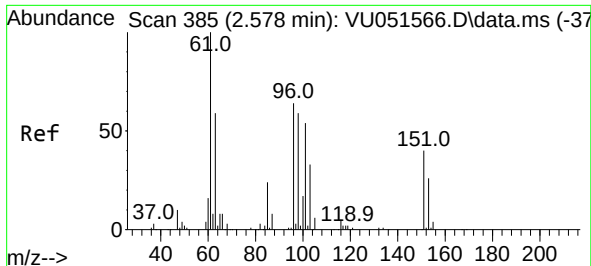
Tgt Ion: 64 Resp: 394352
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.186 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion:101 Resp: 746625
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

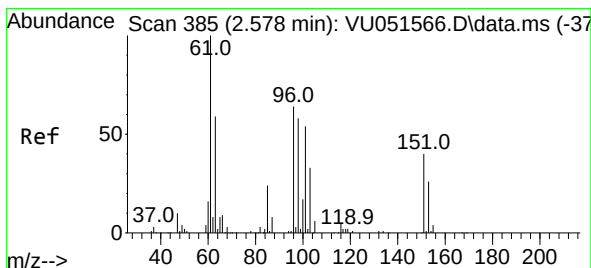
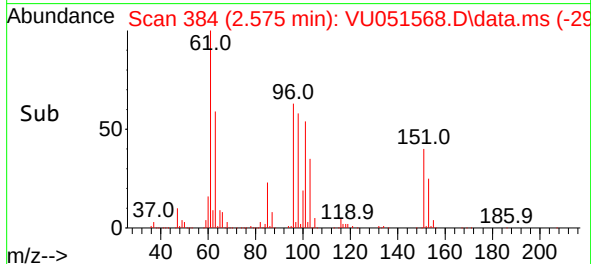
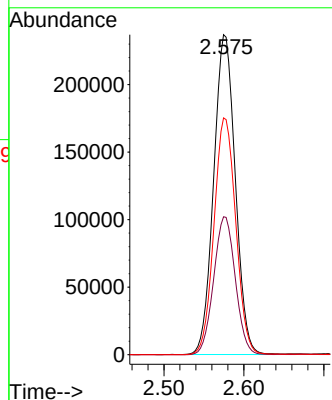
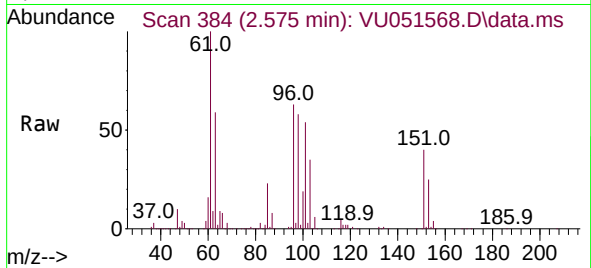




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.469 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

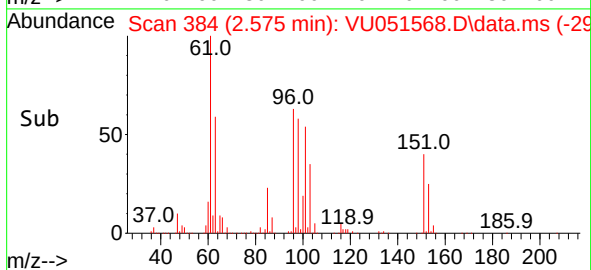
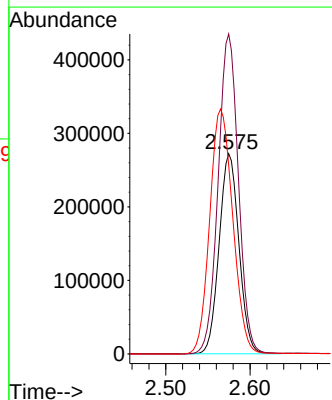
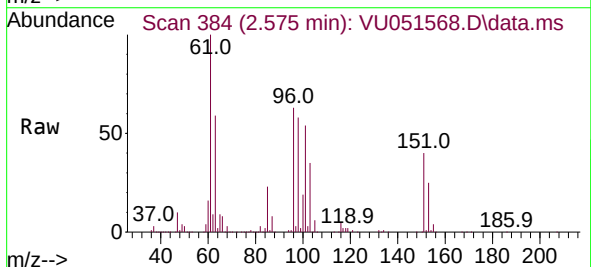
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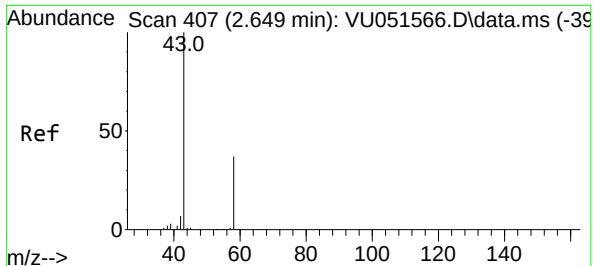
Tgt Ion:101 Resp: 444832
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.6 53.4
 151 74.6 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 20.912 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

Tgt Ion: 96 Resp: 441957
 Ion Ratio Lower Upper
 96 100
 61 159.7 108.8 202.0
 63 94.4 64.9 120.5





#13

Acetone

Concen: 188.253 ug/L

RT: 2.636 min Scan# 40

Delta R.T. -0.013 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

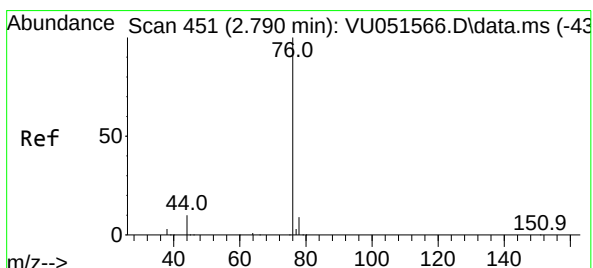
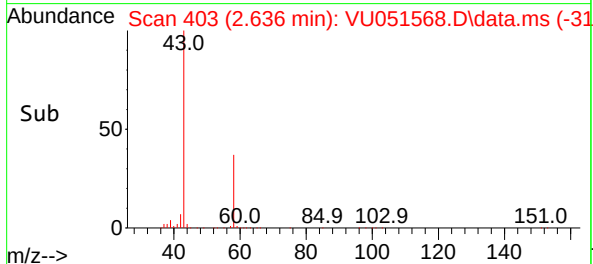
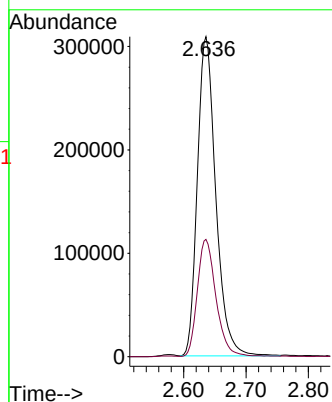
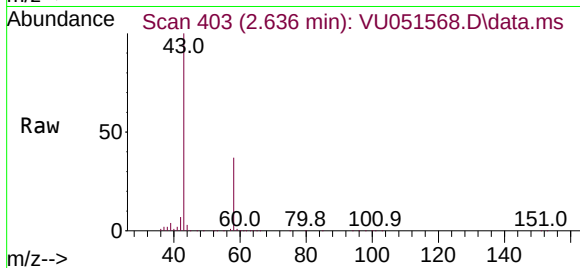
VSTD020066

Tgt Ion: 43 Resp: 633361

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.8



#14

Carbon disulfide

Concen: 20.986 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051568.D

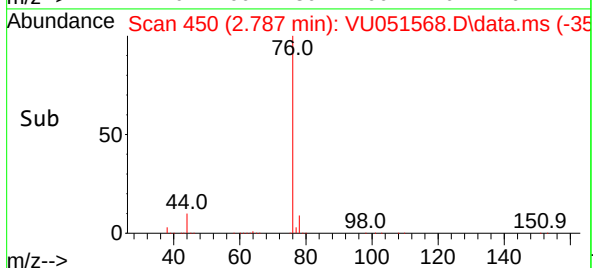
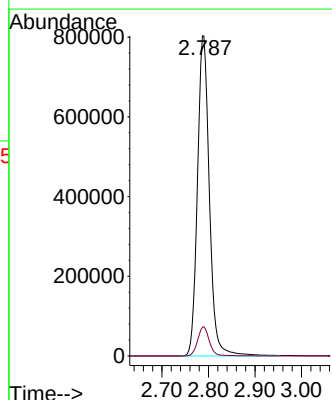
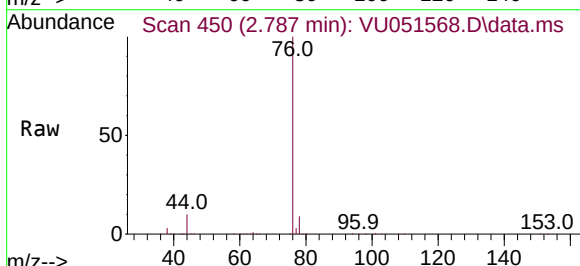
Acq: 28 Oct 2022 14:51

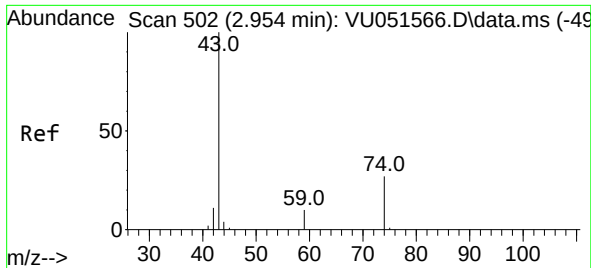
Tgt Ion: 76 Resp: 1429725

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

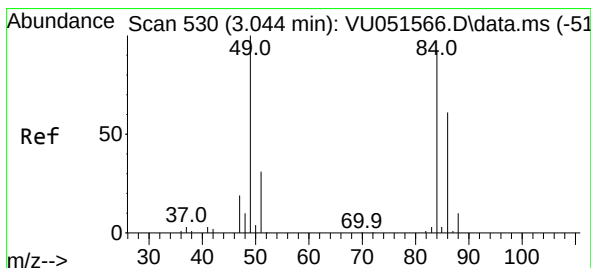
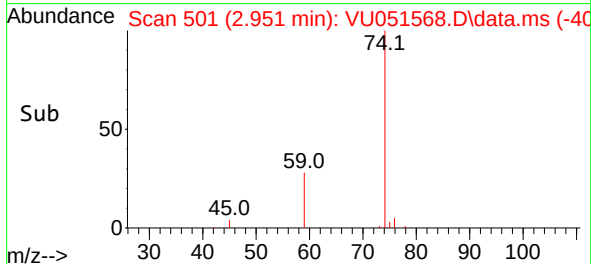
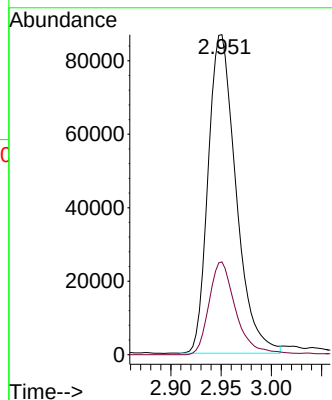
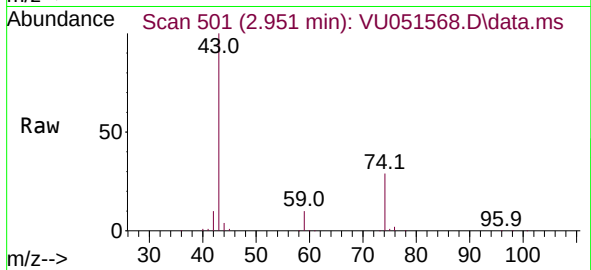




#15
Methyl Acetate
Concen: 18.971 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

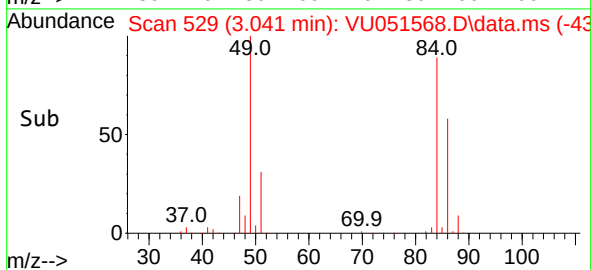
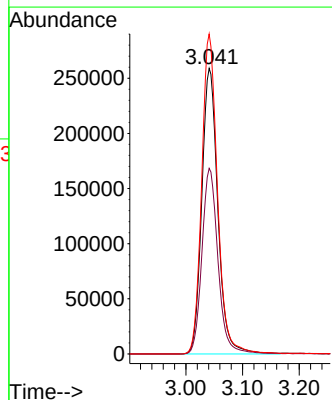
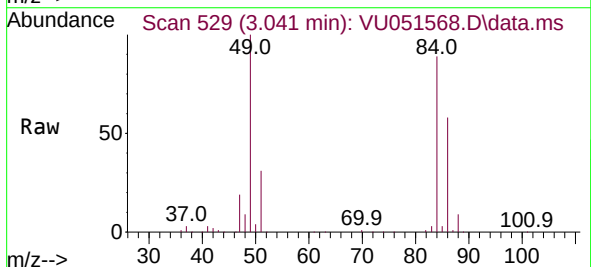
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

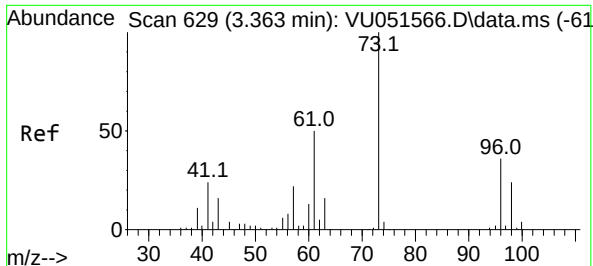
Tgt Ion: 43 Resp: 167099
Ion Ratio Lower Upper
43 100
74 28.1 20.2 30.4



#16
Methylene chloride
Concen: 14.721 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 84 Resp: 509601
Ion Ratio Lower Upper
84 100
86 65.0 46.3 85.9
49 112.1 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 21.404 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

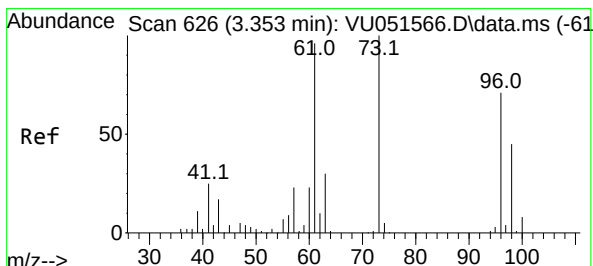
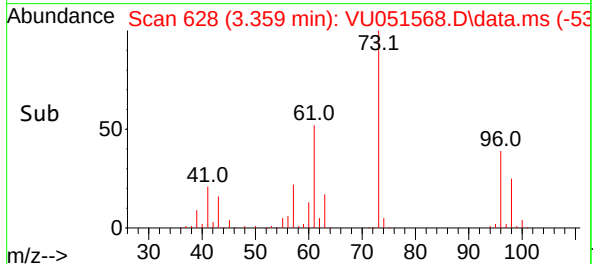
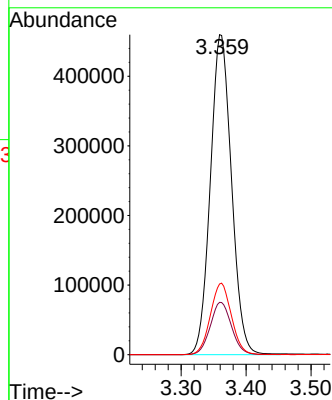
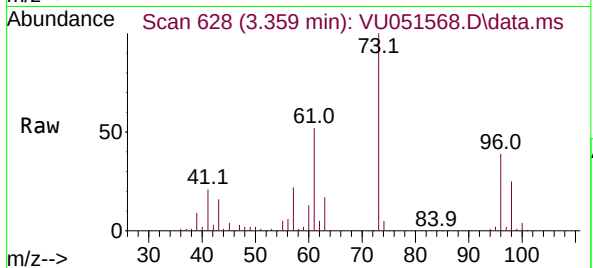
MSVOA_U

ClientSampleId :

VSTD020066

Tgt Ion: 73 Resp: 1037263

Ion	Ratio	Lower	Upper
73	100		
43	16.4	13.6	20.4
57	22.3	17.5	26.3



#18

trans-1,2-Dichloroethene

Concen: 21.114 ug/L

RT: 3.350 min Scan# 625

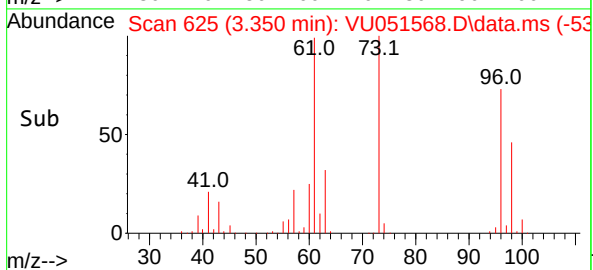
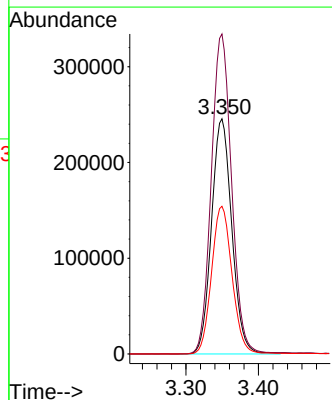
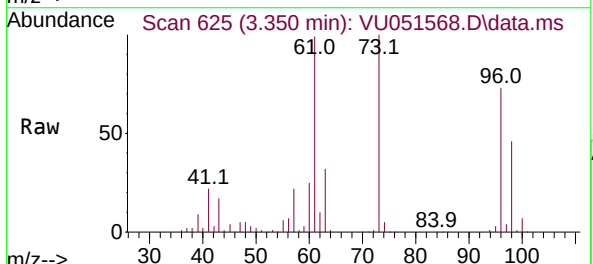
Delta R.T. -0.003 min

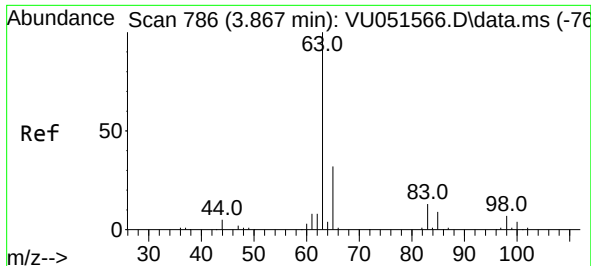
Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Tgt Ion: 96 Resp: 478903

Ion	Ratio	Lower	Upper
96	100		
61	136.1	94.7	175.9
98	62.8	44.2	82.0

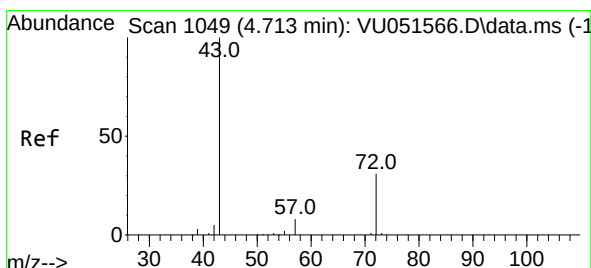
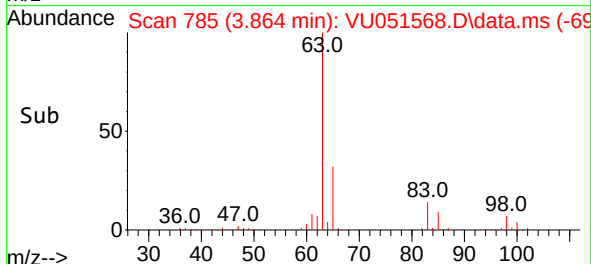
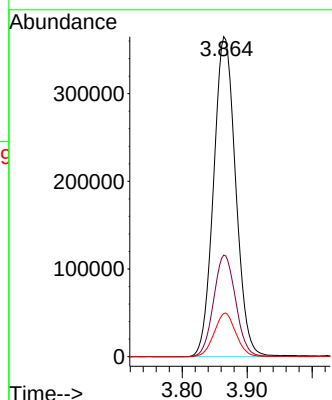
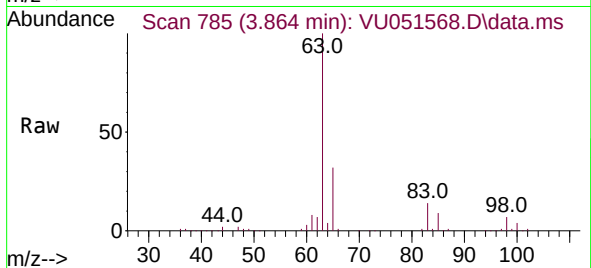




#19
1,1-Dichloroethane
Concen: 20.557 ug/L
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

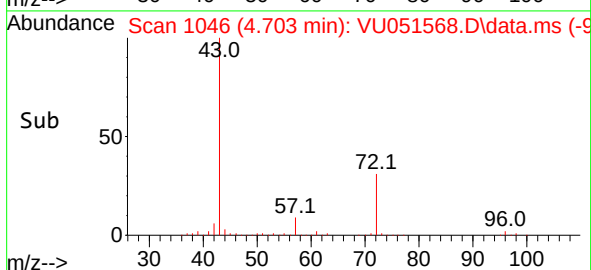
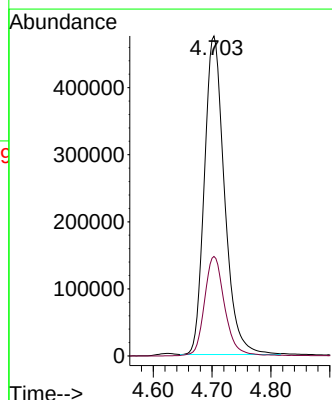
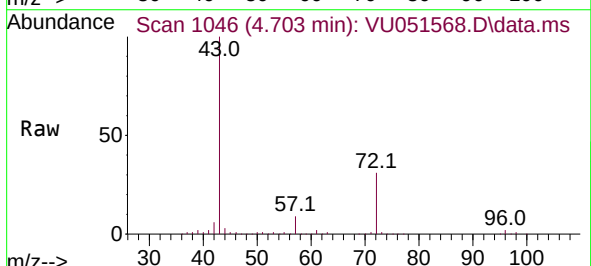
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

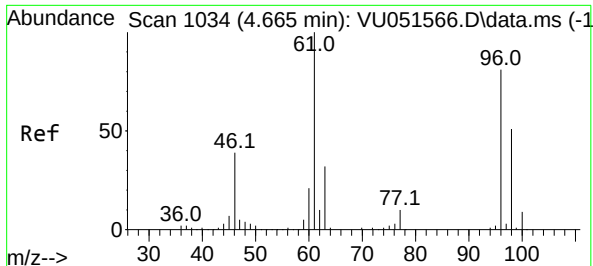
Tgt Ion: 63 Resp: 860014
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.1
83 13.5 9.2 17.0



#21
2-Butanone
Concen: 214.000 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.010 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 43 Resp: 1127510
Ion Ratio Lower Upper
43 100
72 31.4 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 21.269 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD020066

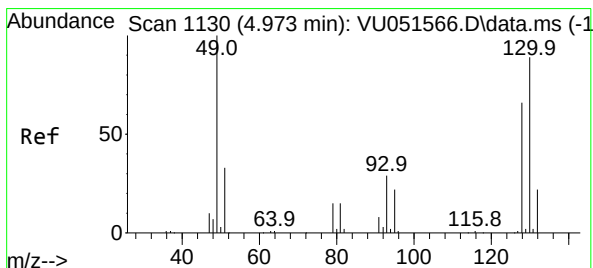
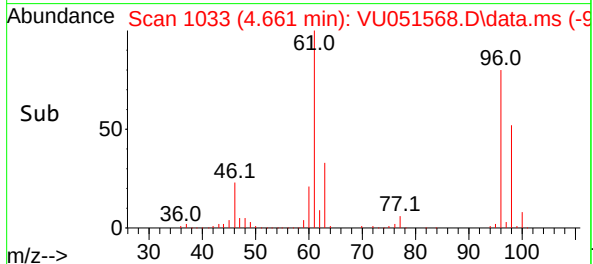
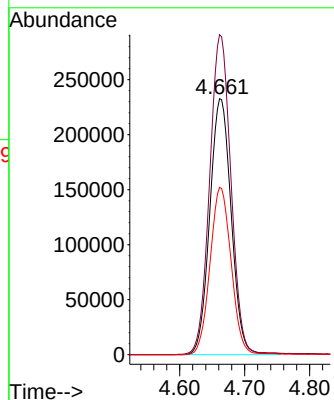
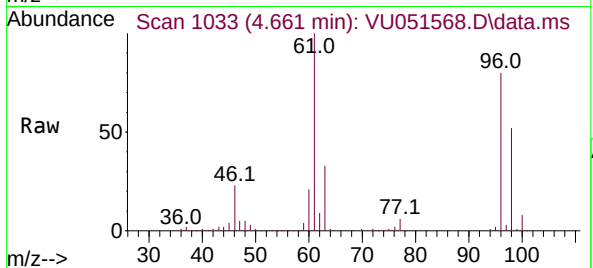
Tgt Ion: 96 Resp: 533800

Ion Ratio Lower Upper

96 100

61 125.0 86.4 160.4

98 65.4 44.2 82.2



#23

Bromochloromethane

Concen: 20.039 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Tgt Ion:128 Resp: 235150

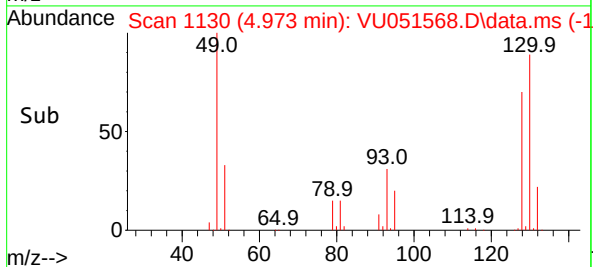
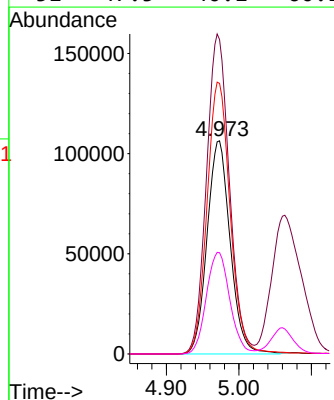
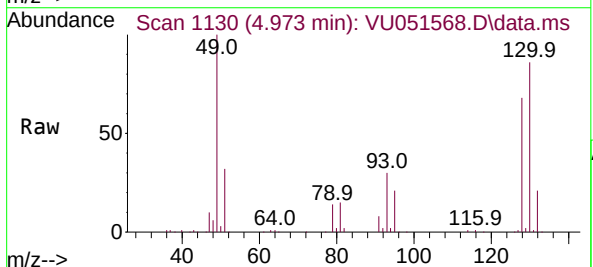
Ion Ratio Lower Upper

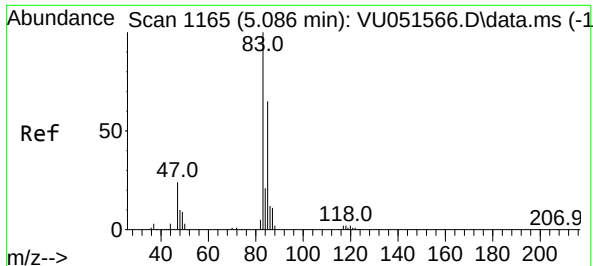
128 100

49 147.5 105.5 195.9

130 126.9 93.5 173.7

51 47.5 40.1 60.1





#25

Chloroform

Concen: 20.202 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

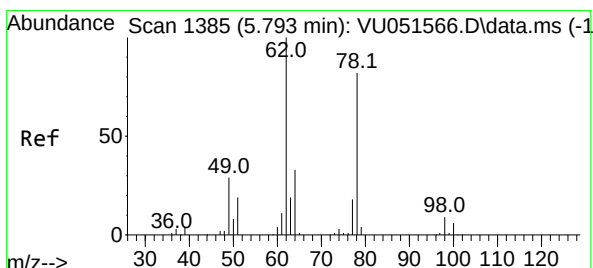
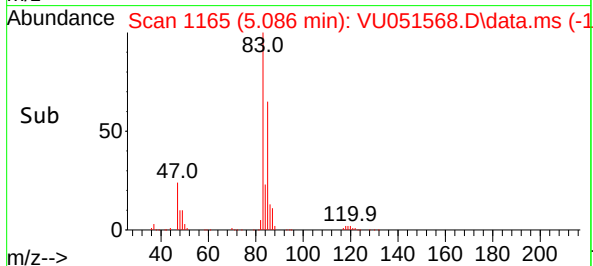
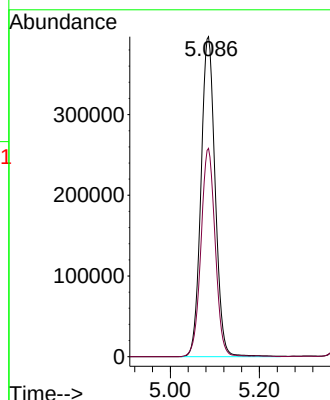
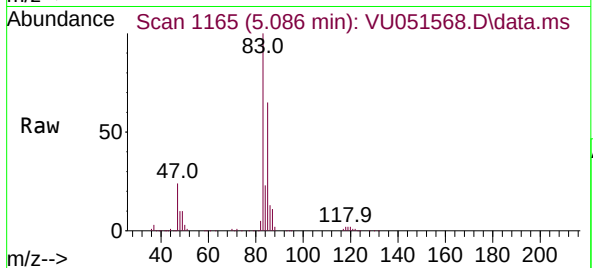
VSTD020066

Tgt Ion: 83 Resp: 876761

Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 19.657 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051568.D

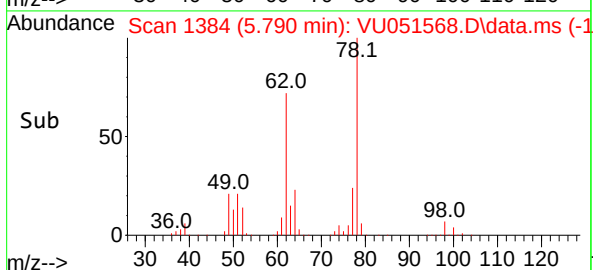
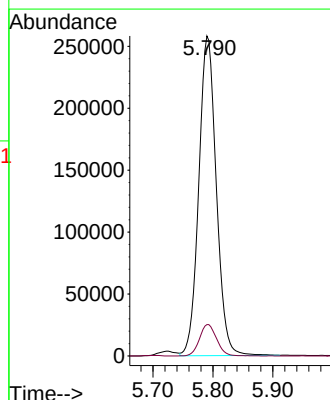
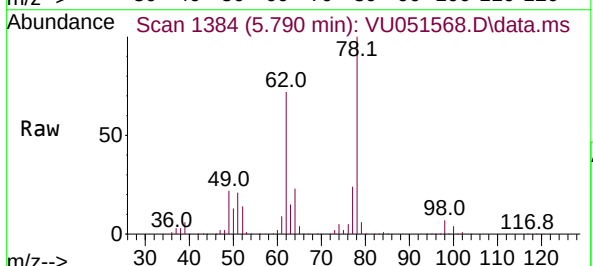
Acq: 28 Oct 2022 14:51

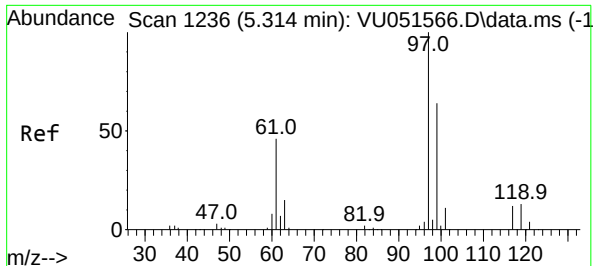
Tgt Ion: 62 Resp: 525014

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 21.406 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD020066

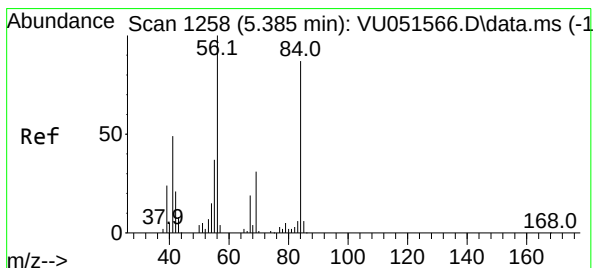
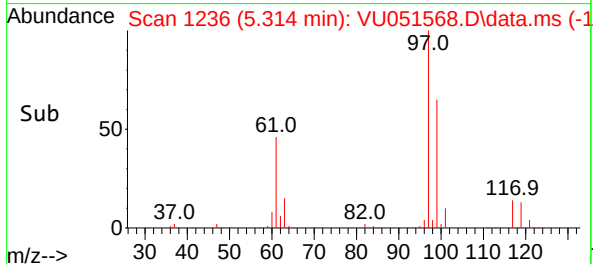
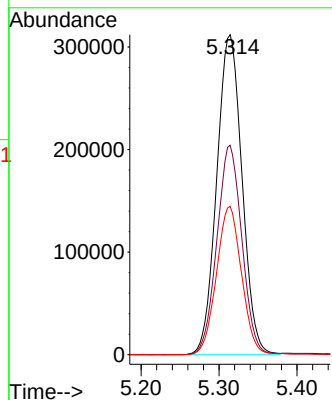
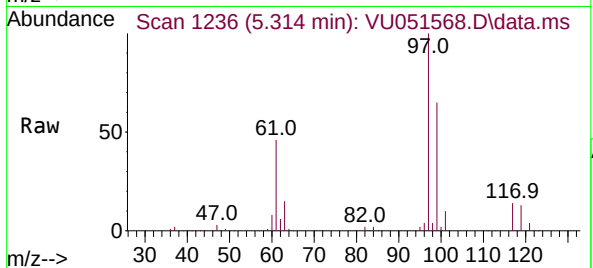
Tgt Ion: 97 Resp: 705002

Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 45.6 37.4 56.0



#30

Cyclohexane

Concen: 25.475 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

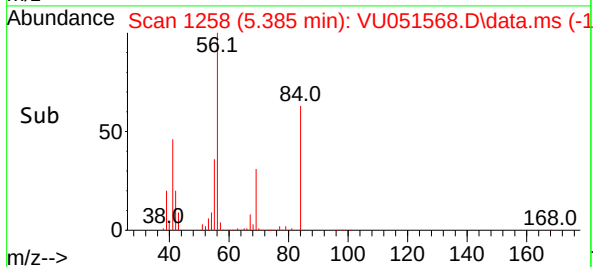
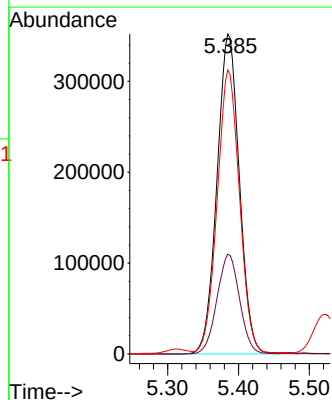
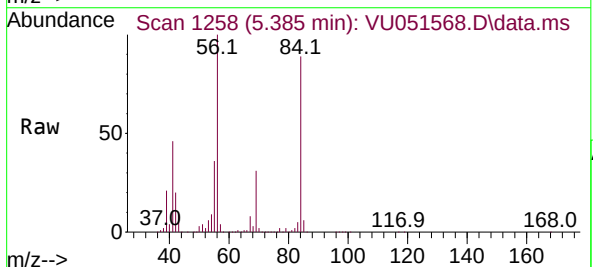
Tgt Ion: 56 Resp: 772568

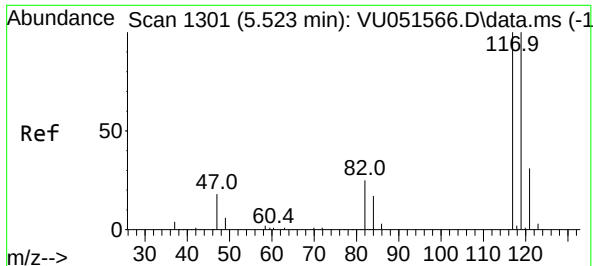
Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.0

84 87.7 71.4 107.0

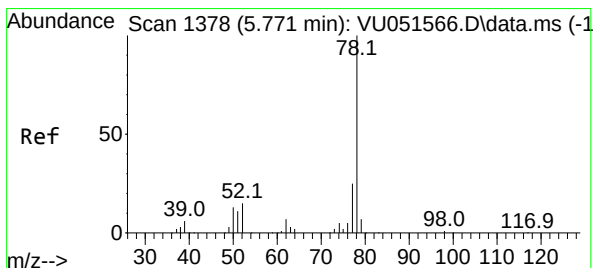
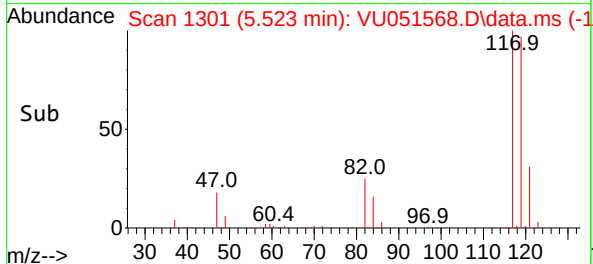
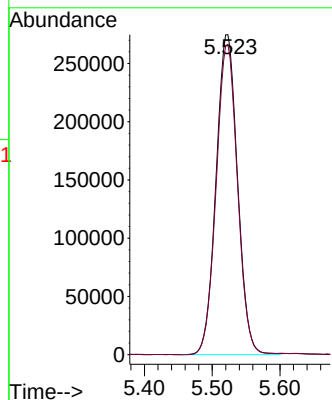
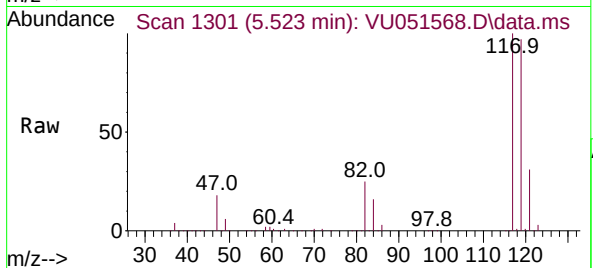




#31
Carbon tetrachloride
Concen: 21.507 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

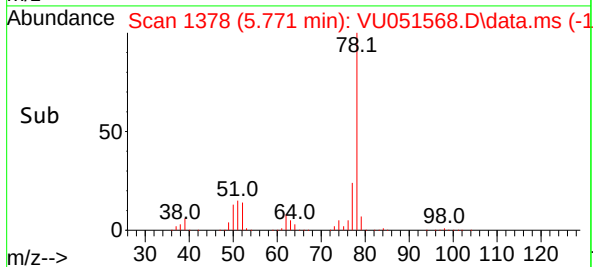
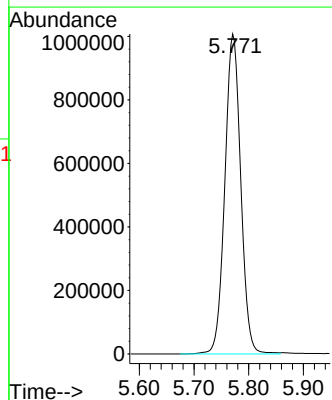
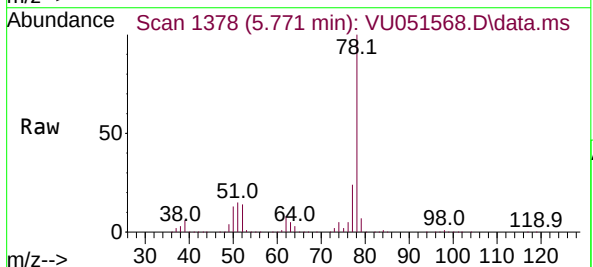
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

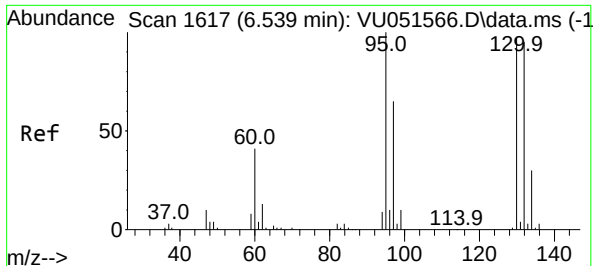
Tgt Ion:117 Resp: 605802
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 21.230 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 78 Resp: 2032271

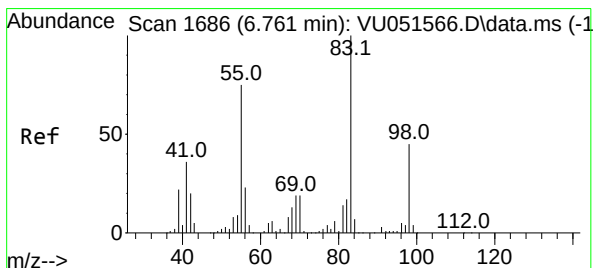
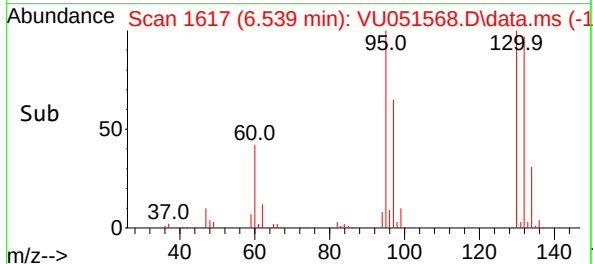
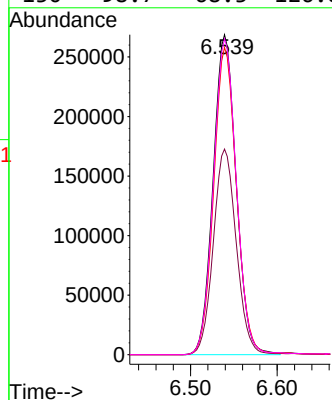
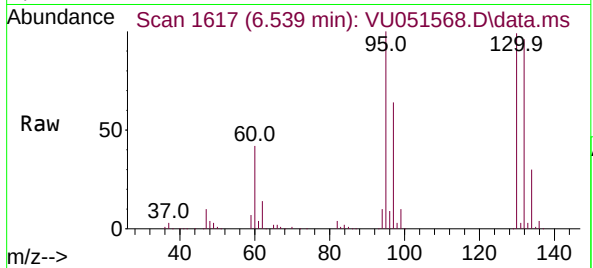




#34
Trichloroethene
Concen: 21.488 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

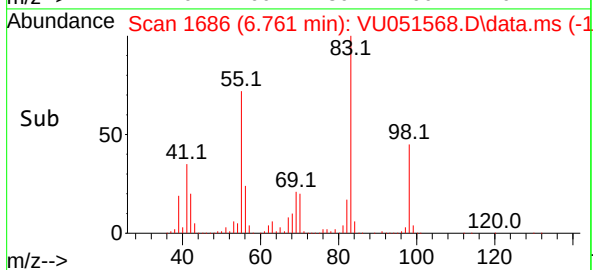
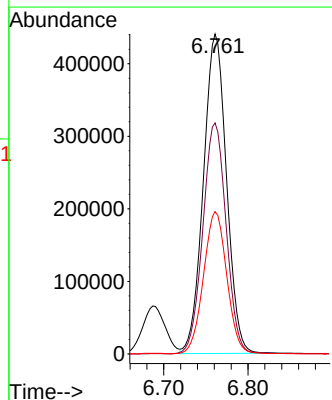
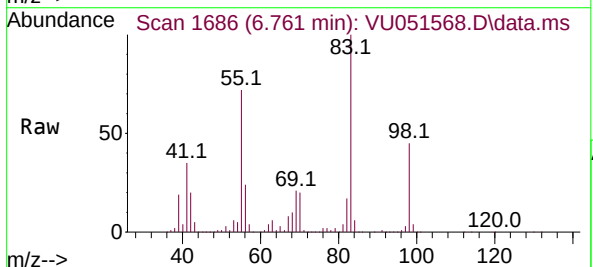
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

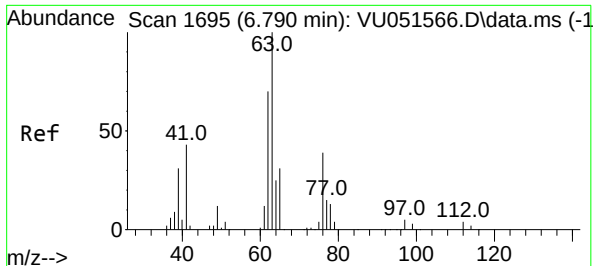
Tgt Ion: 95 Resp: 496402
Ion Ratio Lower Upper
95 100
97 64.2 45.2 84.0
132 96.0 66.5 123.5
130 98.7 68.3 126.8



#35
Methylcyclohexane
Concen: 26.313 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 83 Resp: 840475
Ion Ratio Lower Upper
83 100
55 73.2 60.6 90.8
98 45.0 35.8 53.6





#37

1,2-Dichloropropane

Concen: 21.098 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

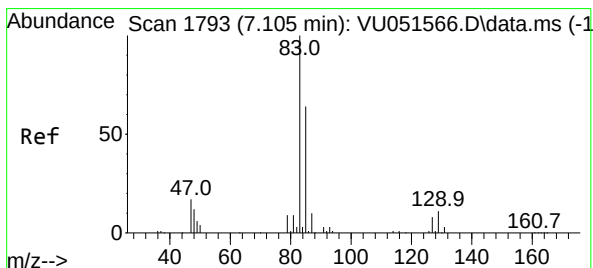
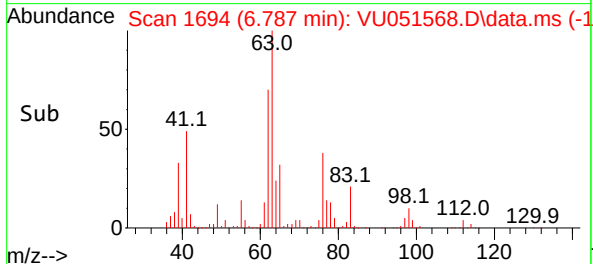
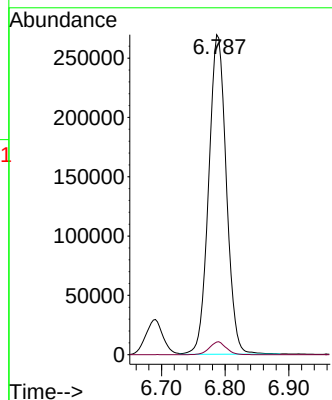
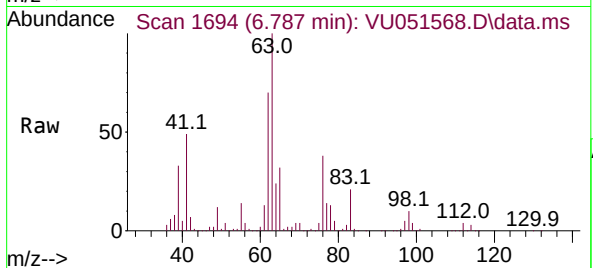
VSTD020066

Tgt Ion: 63 Resp: 519461

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 20.821 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

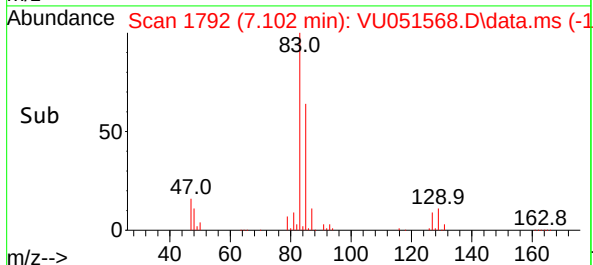
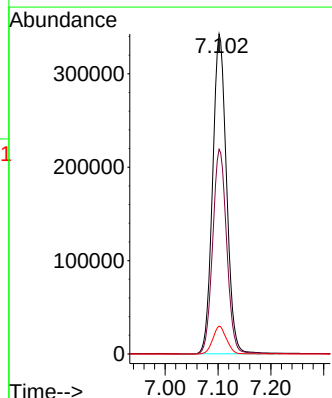
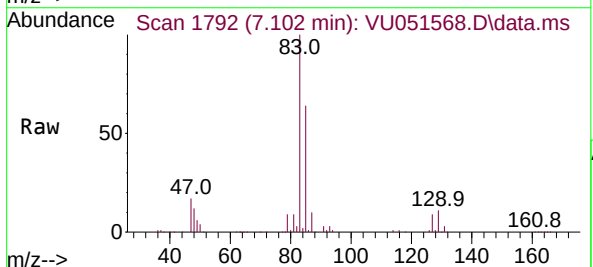
Tgt Ion: 83 Resp: 626152

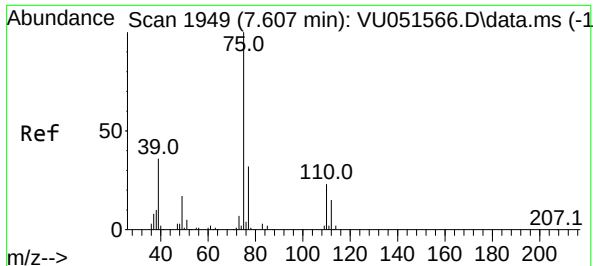
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7

127 8.7 6.6 9.8

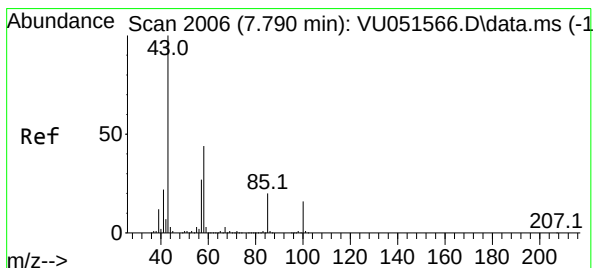
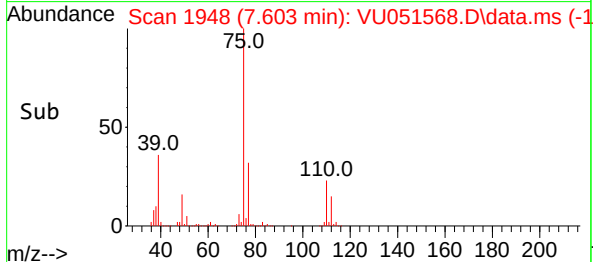
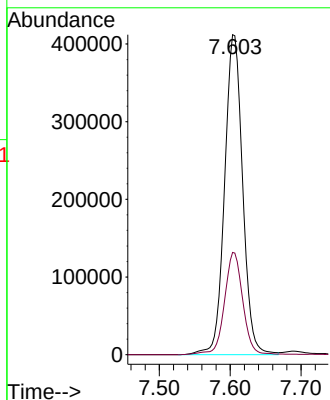
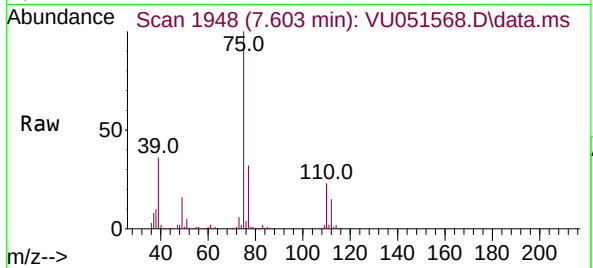




#39
 cis-1,3-Dichloropropene
 Concen: 23.109 ug/L
 RT: 7.603 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

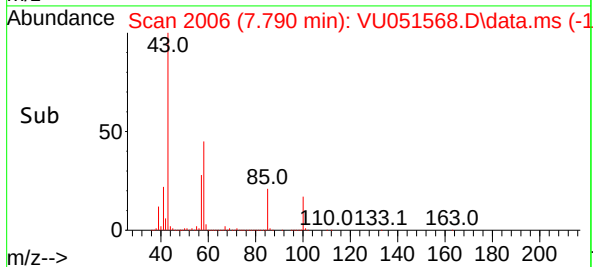
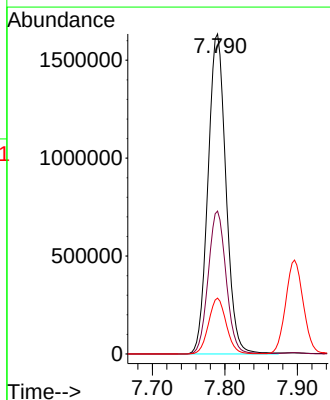
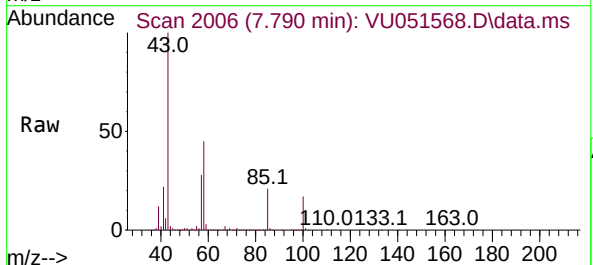
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

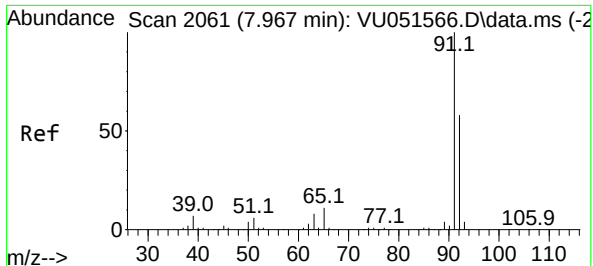
Tgt Ion: 75 Resp: 729931
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 227.416 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

Tgt Ion: 43 Resp: 2808419
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.0 52.6
 100 17.2 13.4 20.0





#42

Toluene

Concen: 22.326 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

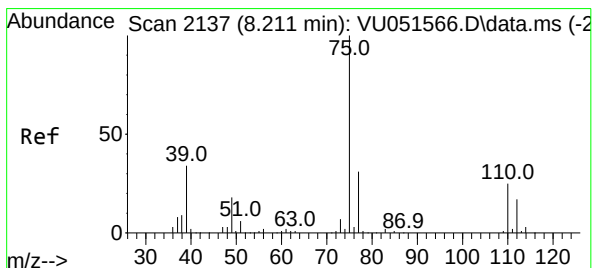
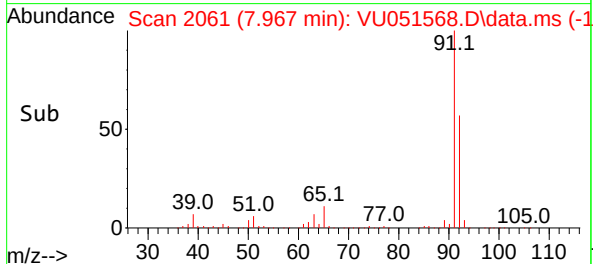
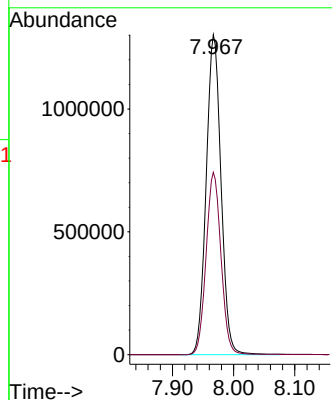
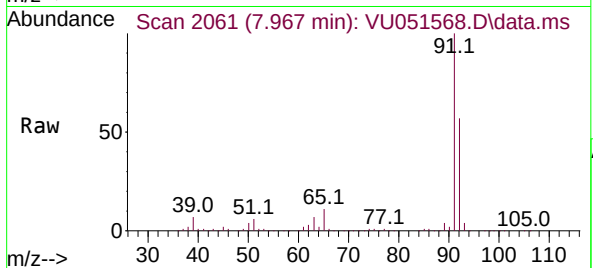
VSTD020066

Tgt Ion: 91 Resp: 2194828

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 23.003 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051568.D

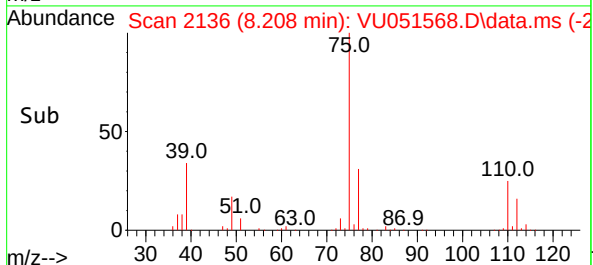
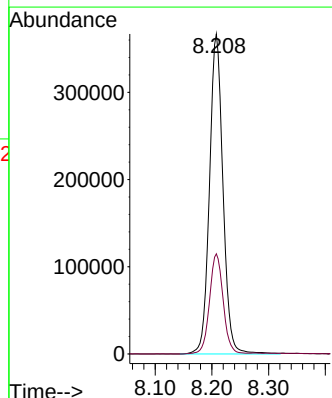
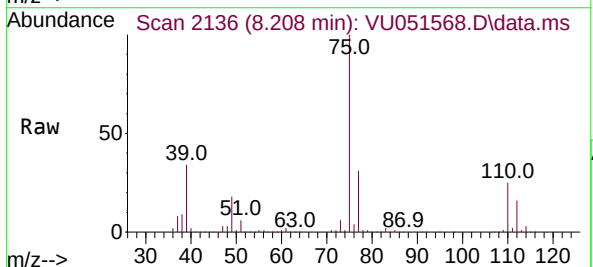
Acq: 28 Oct 2022 14:51

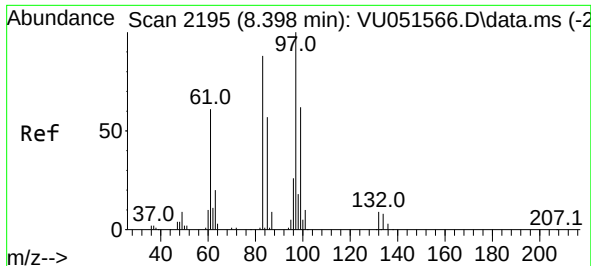
Tgt Ion: 75 Resp: 607215

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



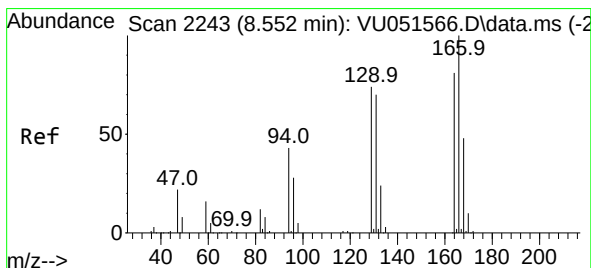
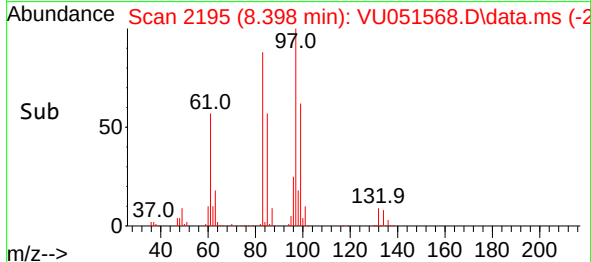
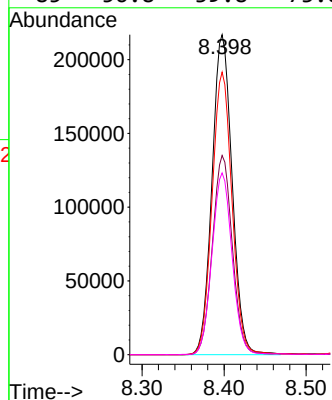
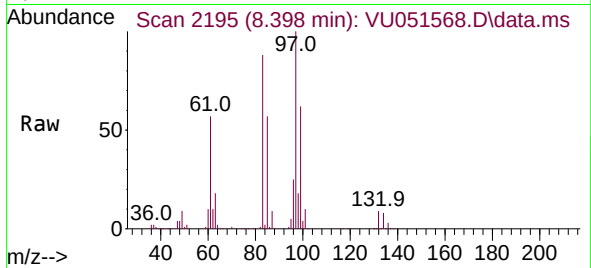


#45
1,1,2-Trichloroethane
Concen: 20.532 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

Tgt Ion: 97 Resp: 370444

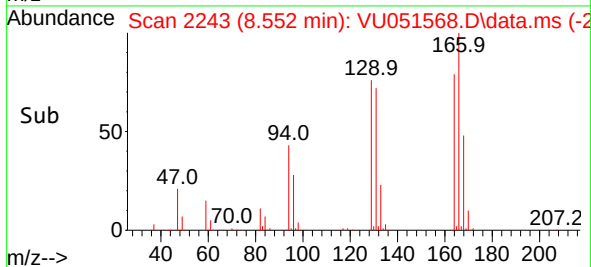
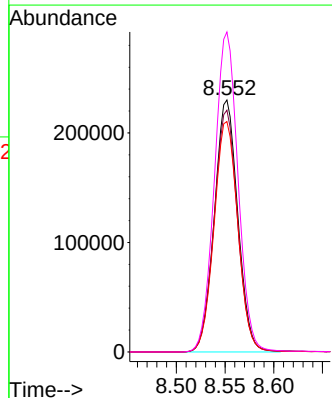
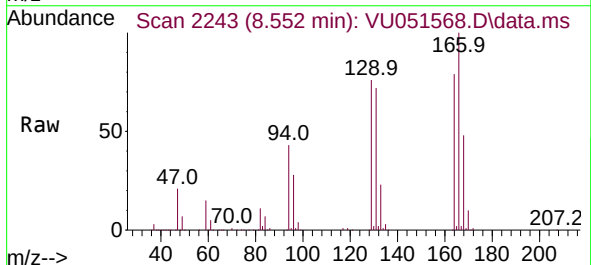
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.4	80.6
83	88.3	61.3	113.9
85	56.8	39.8	73.8

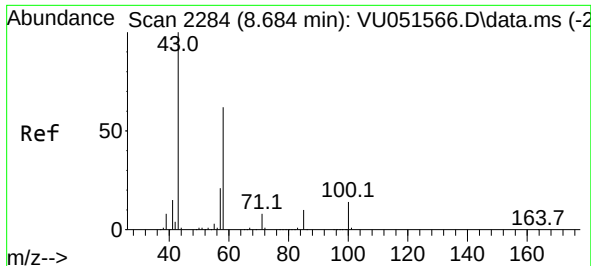


#47
Tetrachloroethene
Concen: 21.734 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 164 Resp: 384518

Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.0	118.8
131	91.5	60.7	112.7
166	127.0	86.8	161.2

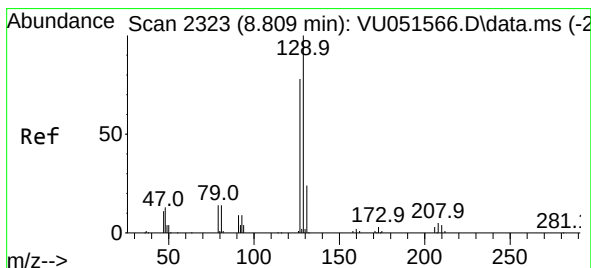
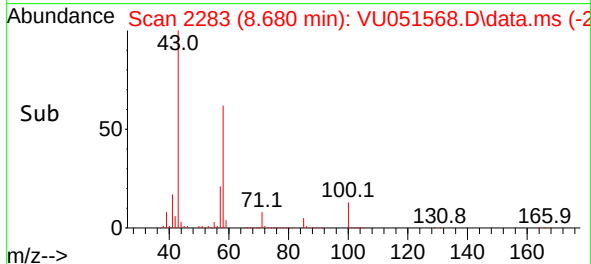
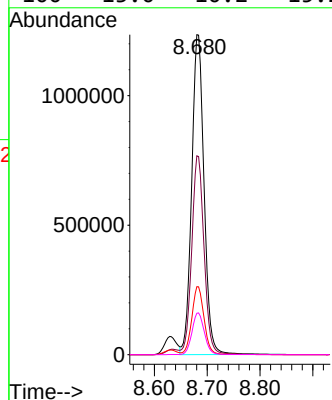
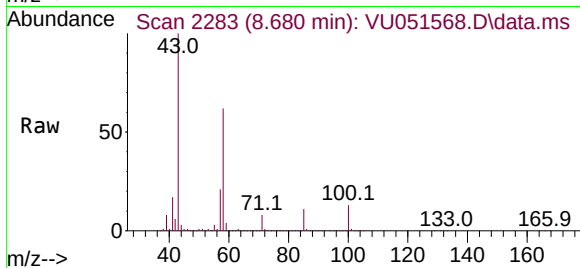




#48
2-Hexanone
Concen: 219.599 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

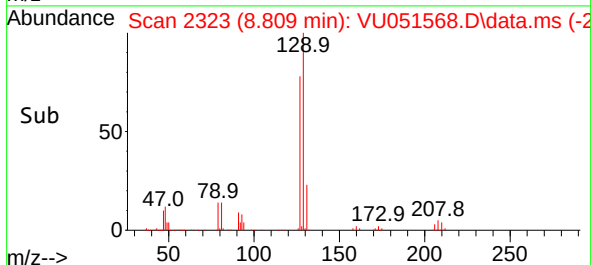
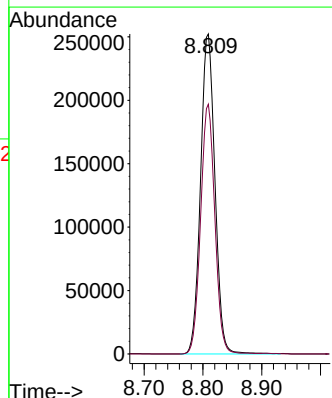
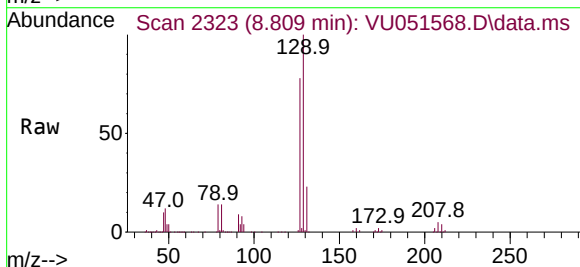
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

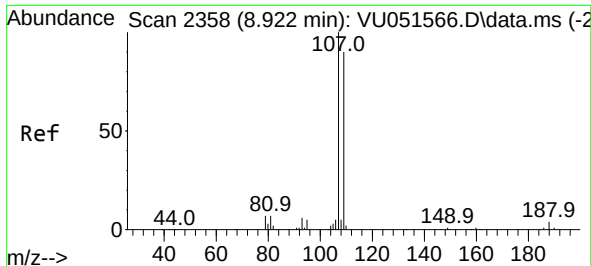
Tgt Ion: 43 Resp: 2007344
Ion Ratio Lower Upper
43 100
58 61.8 48.2 72.2
57 21.1 16.6 25.0
100 13.0 10.2 15.2



#49
Dibromochloromethane
Concen: 20.822 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 129 Resp: 429154
Ion Ratio Lower Upper
129 100
127 78.1 54.8 101.8

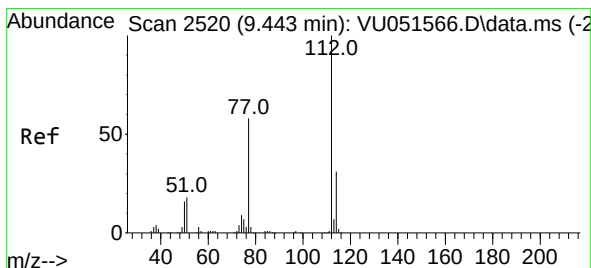
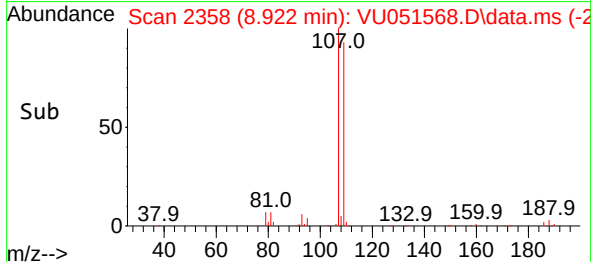
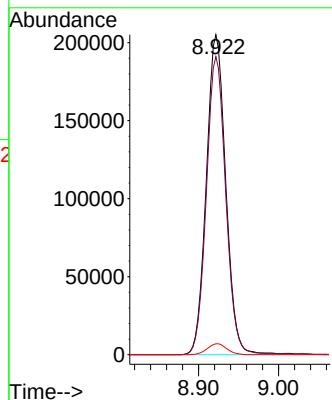
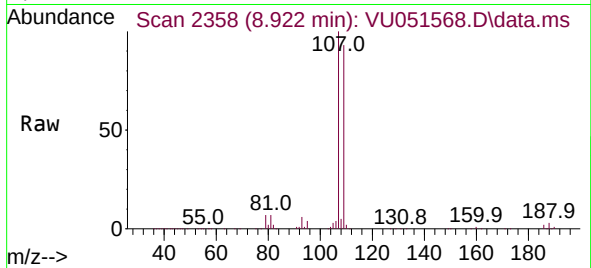




#50
1,2-Dibromoethane
Concen: 21.292 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

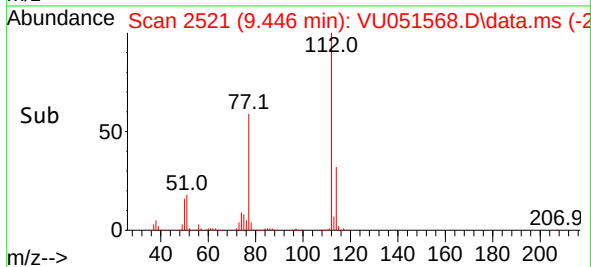
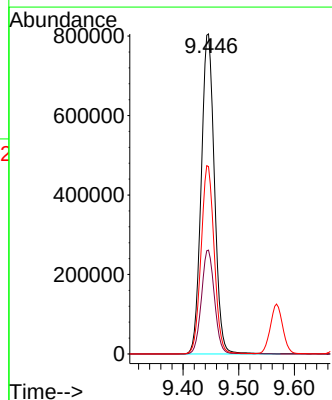
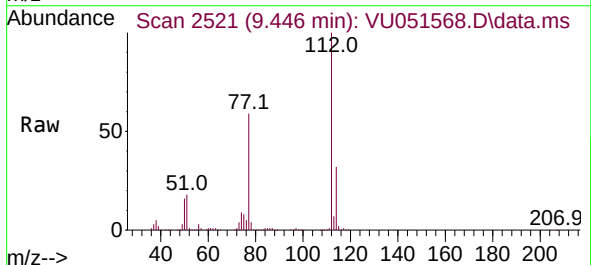
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

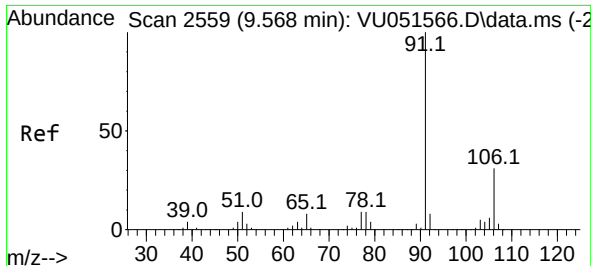
Tgt Ion:107 Resp: 346577
Ion Ratio Lower Upper
107 100
109 93.2 63.0 117.0
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 21.451 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion:112 Resp: 1327226
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 58.6 46.7 70.1

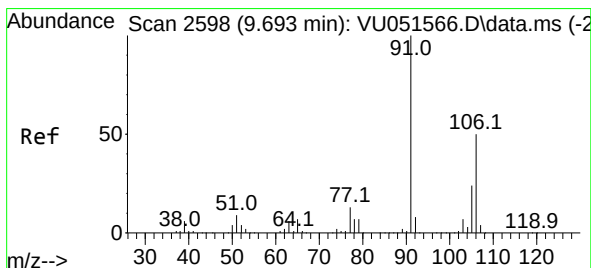
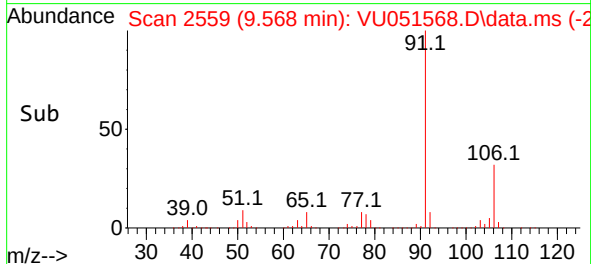
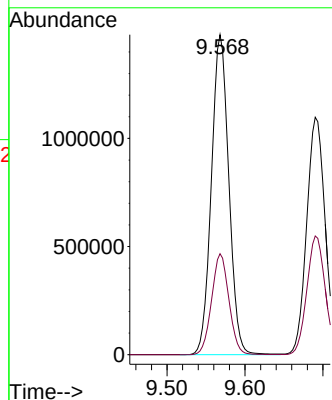
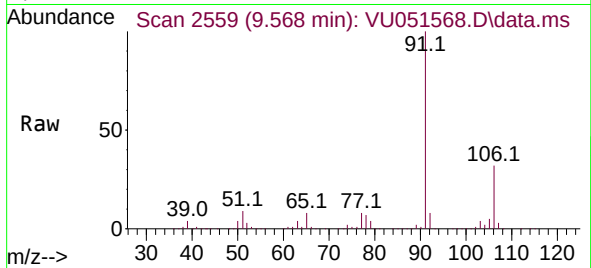




#52
Ethylbenzene
Concen: 24.236 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

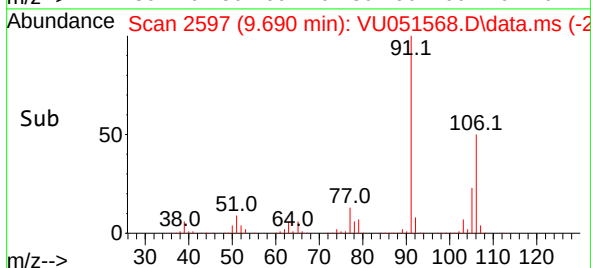
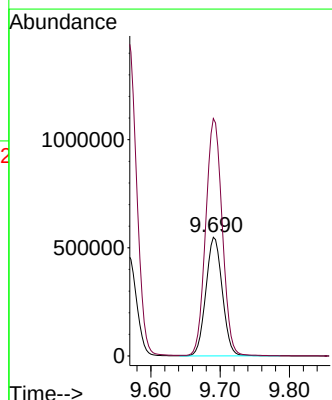
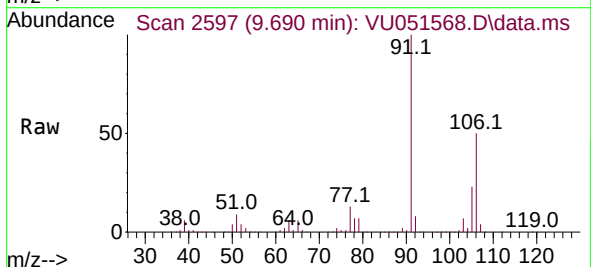
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

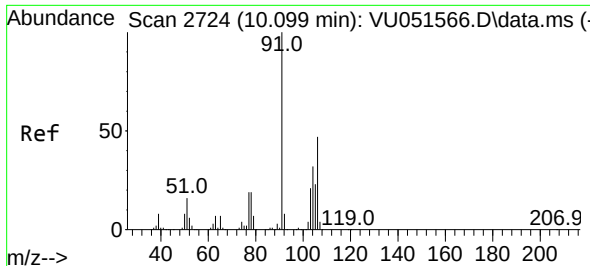
Tgt Ion: 91 Resp: 2298965
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 24.444 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 106 Resp: 900592
Ion Ratio Lower Upper
106 100
91 200.1 139.4 259.0

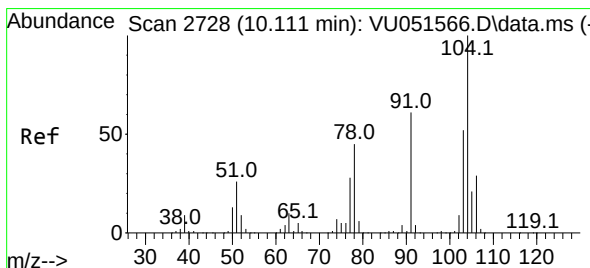
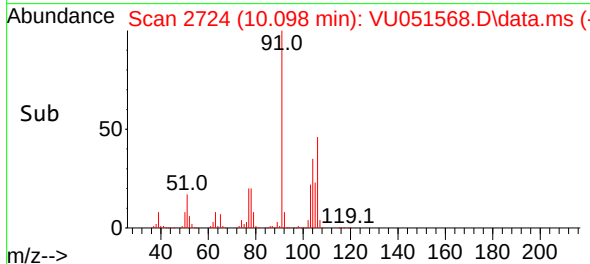
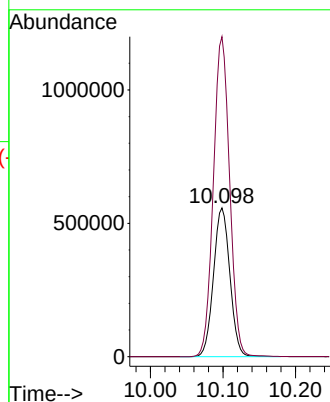
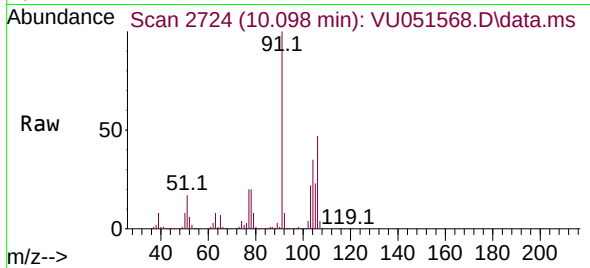




#54
o-Xylene
Concen: 24.319 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

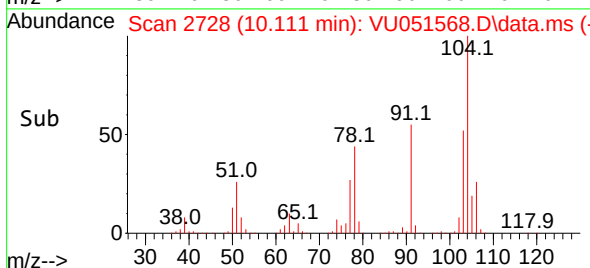
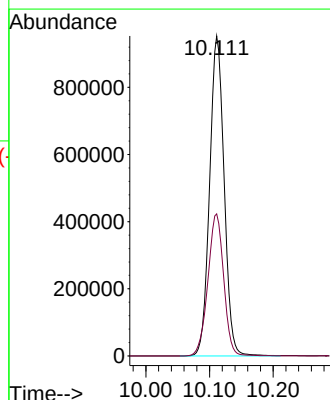
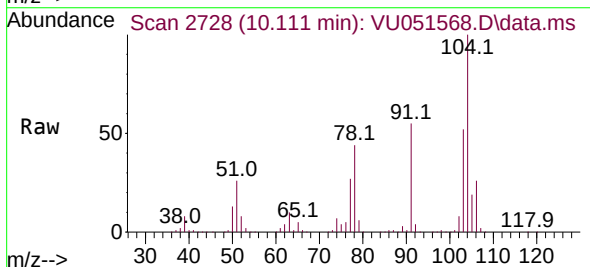
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

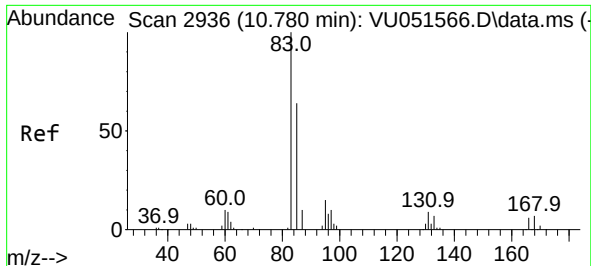
Tgt Ion:106 Resp: 875686
Ion Ratio Lower Upper
106 100
91 215.1 149.2 277.2



#55
Styrene
Concen: 25.060 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion:104 Resp: 1508575
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

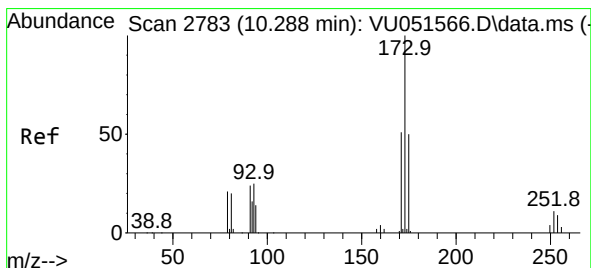
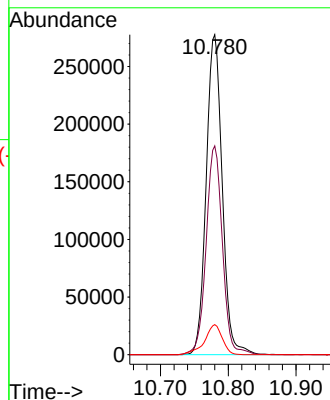
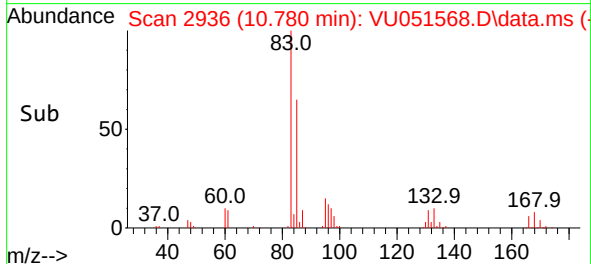
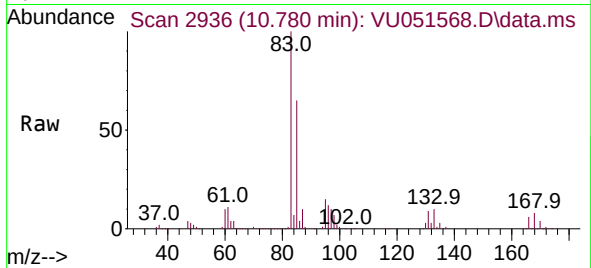




#57
1,1,2,2-Tetrachloroethane
Concen: 20.421 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

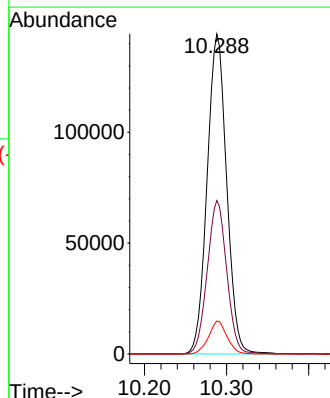
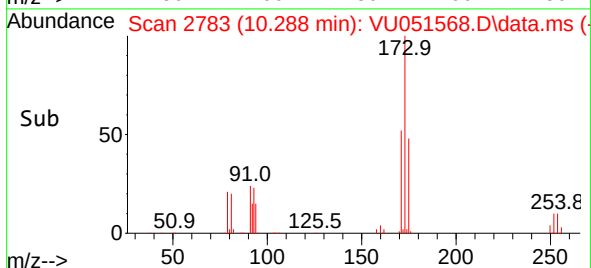
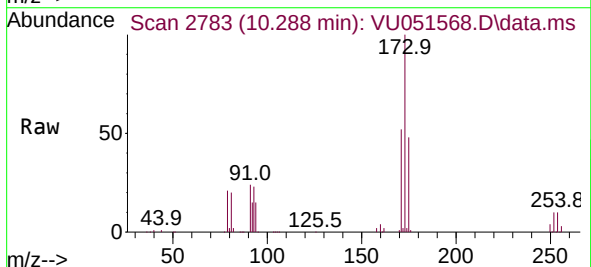
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

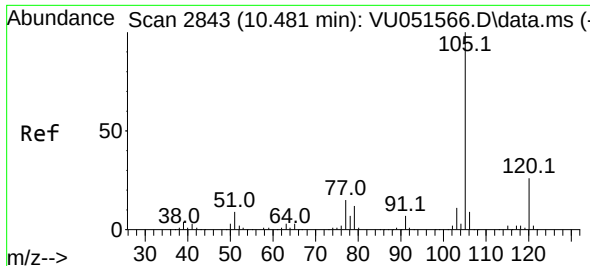
Tgt Ion: 83 Resp: 456833
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
131 9.4 7.8 11.8



#59
Bromoform
Concen: 19.454 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion:173 Resp: 238678
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 9.7 7.3 10.9

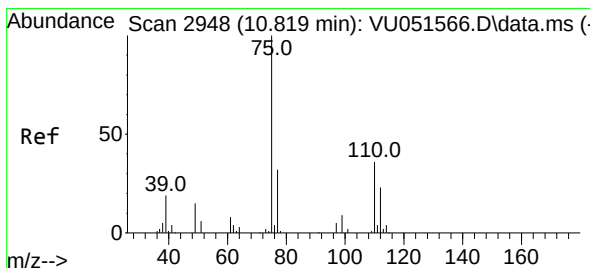
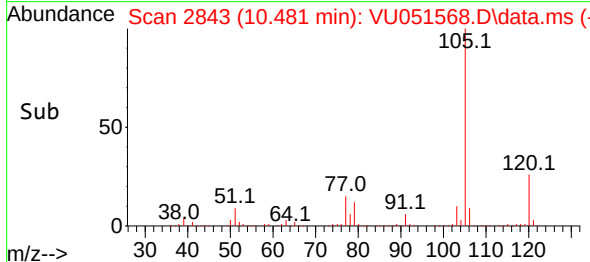
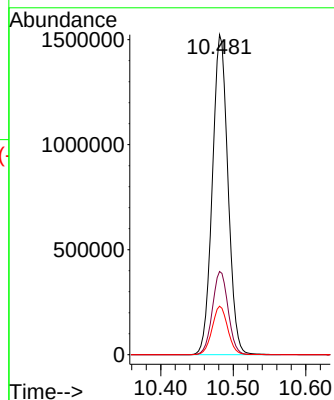
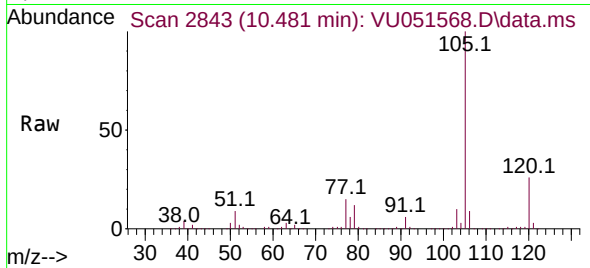




#60
Isopropylbenzene
Concen: 23.495 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

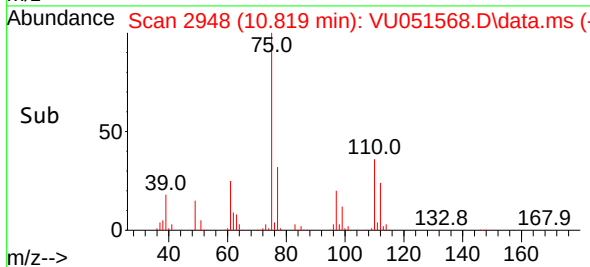
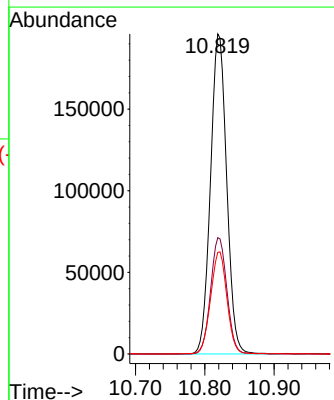
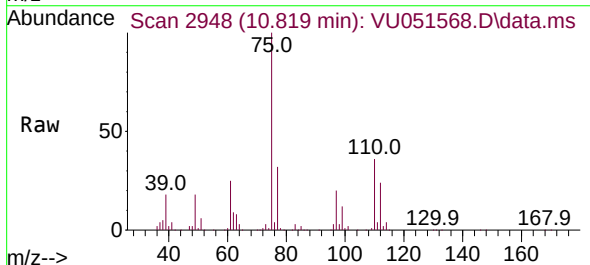
Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

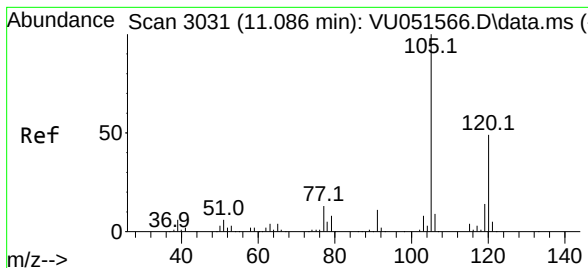
Tgt Ion:105 Resp: 2277518
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 18.465 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion: 75 Resp: 317066
Ion Ratio Lower Upper
75 100
110 36.5 28.7 43.1
77 32.1 26.1 39.1

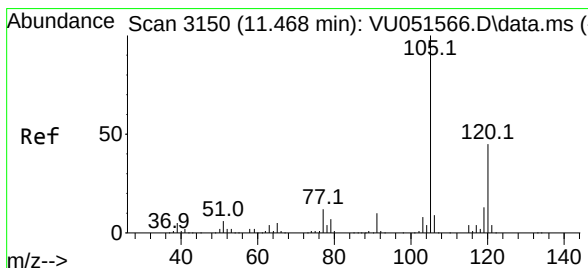
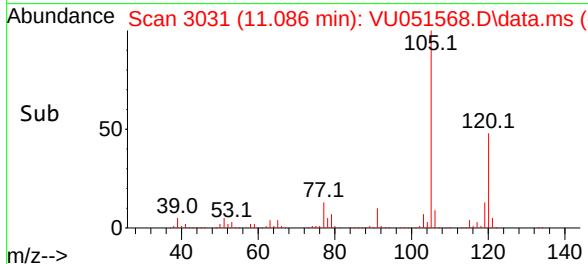
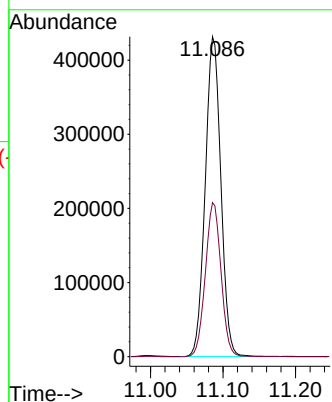
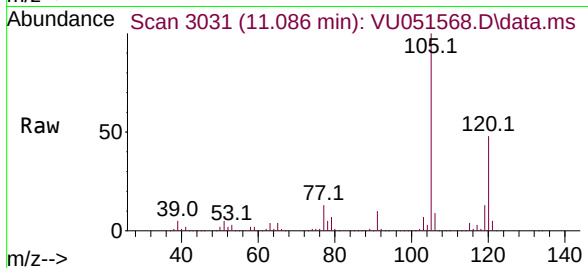




#62
 1,3,5-Trimethylbenzene
 Concen: 24.733 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

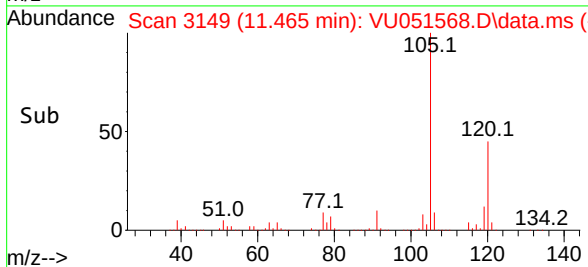
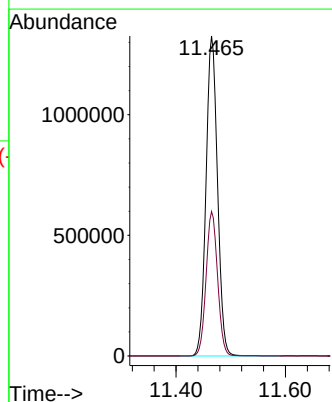
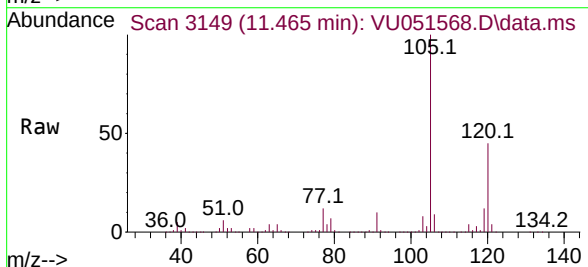
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

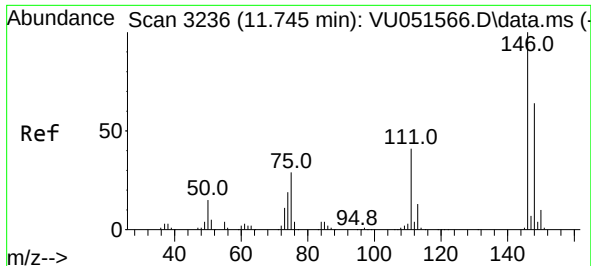
Tgt Ion:105 Resp: 645439
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 25.637 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

Tgt Ion:105 Resp: 1929119
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 21.073 ug/L

RT: 11.741 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD020066

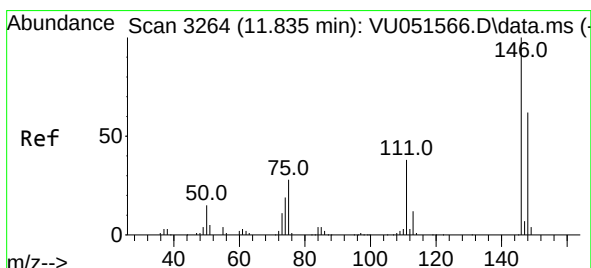
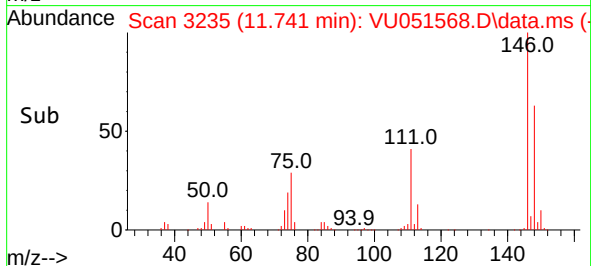
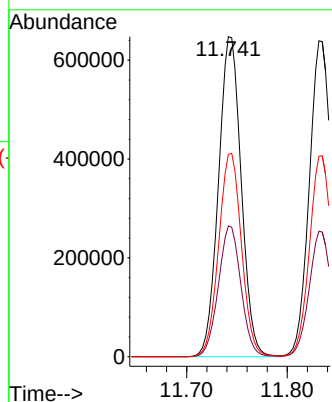
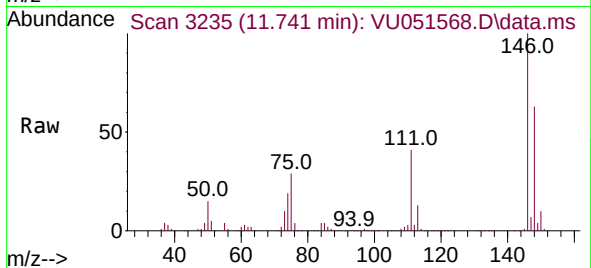
Tgt Ion:146 Resp: 1016939

Ion Ratio Lower Upper

146 100

111 40.9 28.6 53.2

148 63.2 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 20.879 ug/L

RT: 11.831 min Scan# 3263

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

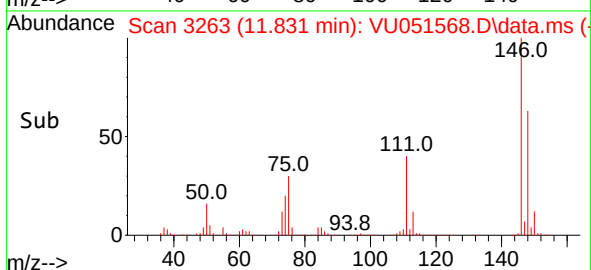
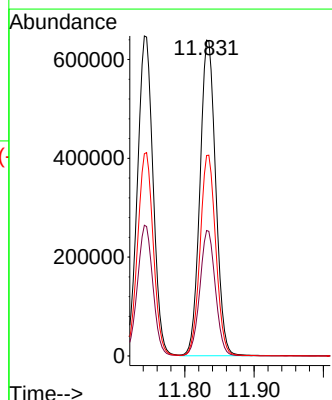
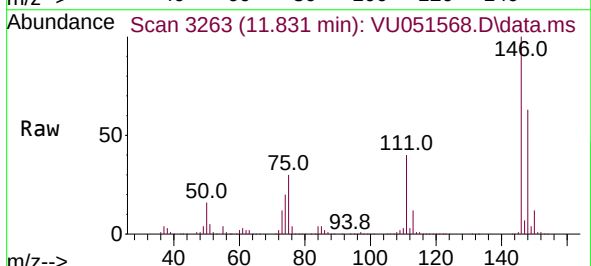
Tgt Ion:146 Resp: 1010234

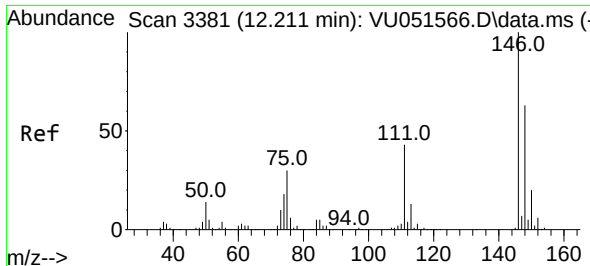
Ion Ratio Lower Upper

146 100

111 39.7 26.7 49.5

148 63.5 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 20.452 ug/L

RT: 12.208 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD020066

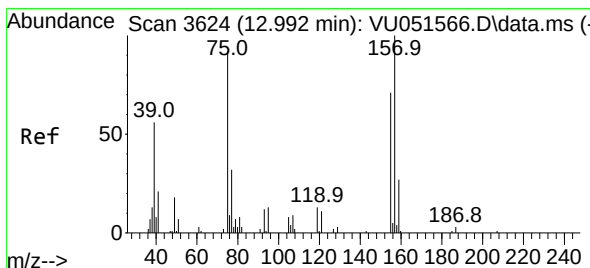
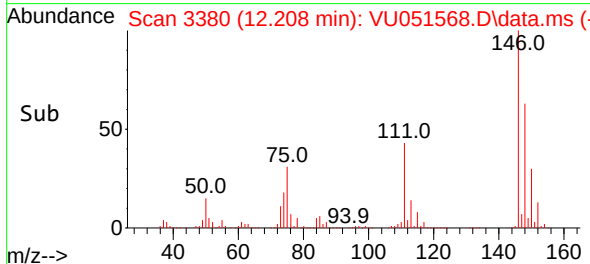
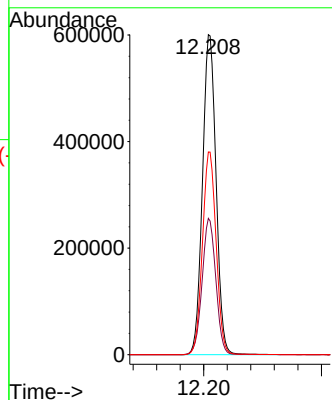
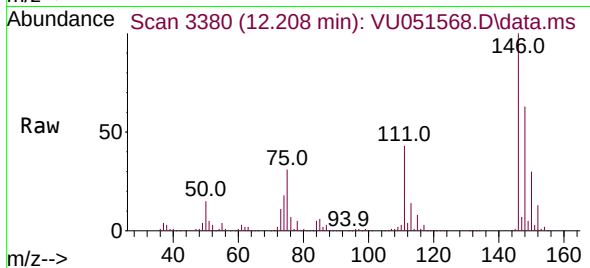
Tgt Ion:146 Resp: 961389

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.2

148 63.4 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 19.655 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051568.D

Acq: 28 Oct 2022 14:51

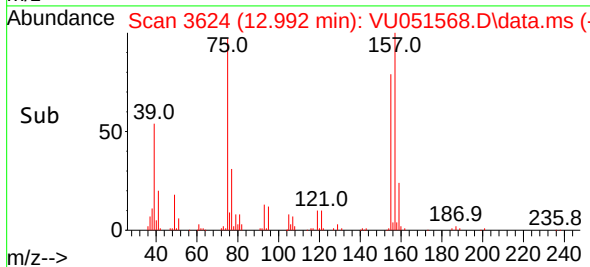
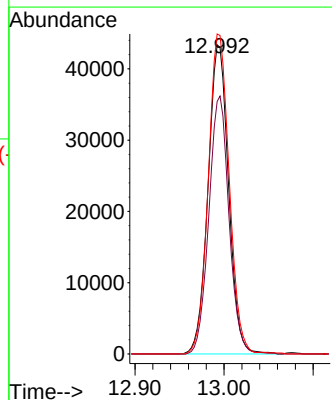
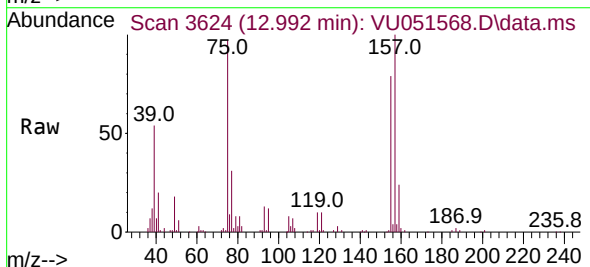
Tgt Ion: 75 Resp: 69493

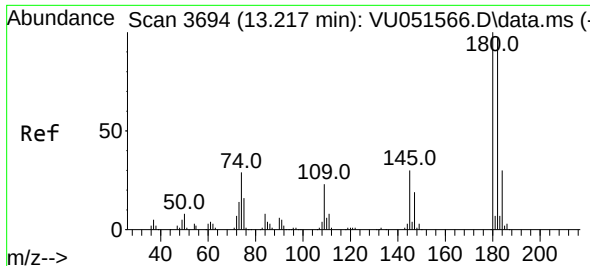
Ion Ratio Lower Upper

75 100

155 81.7 61.4 92.2

157 103.5 86.7 130.1

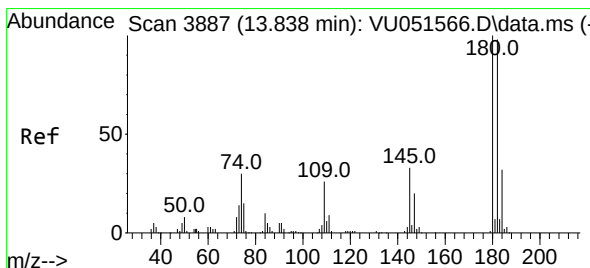
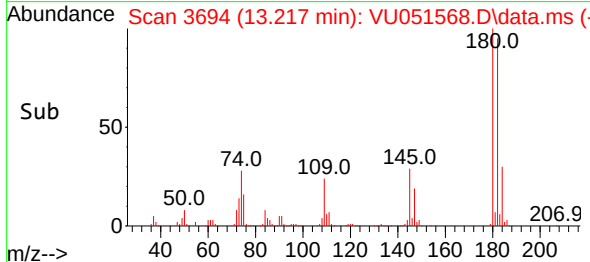
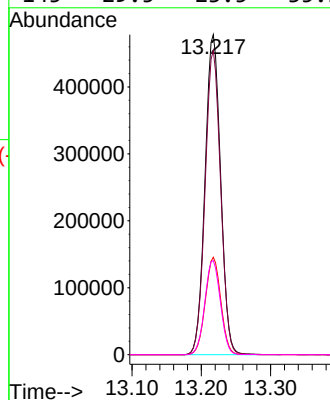
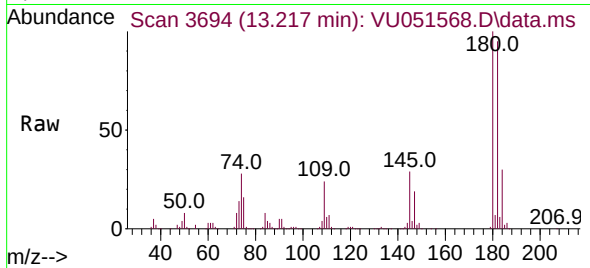




#69
 1,3,5-Trichlorobenzene
 Concen: 21.699 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

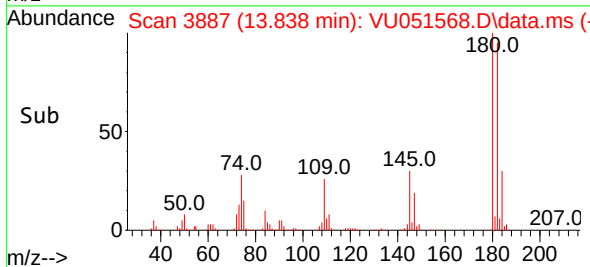
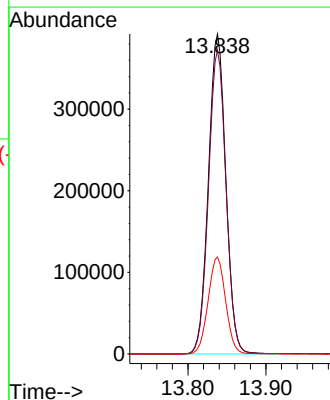
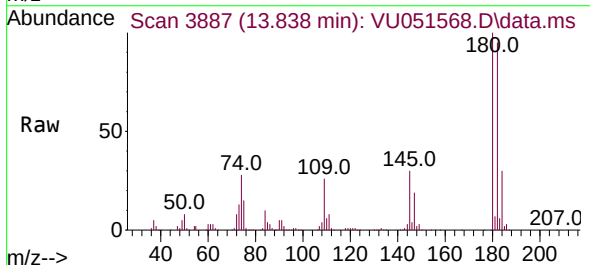
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020066

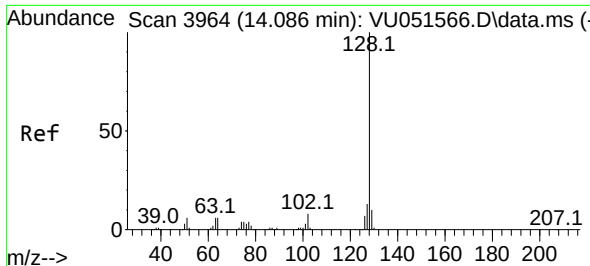
Tgt Ion:	180	Resp:	746399
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	30.3	23.7	35.5
145	29.5	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 23.069 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051568.D
 Acq: 28 Oct 2022 14:51

Tgt Ion:	180	Resp:	609175
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.6
145	30.5	25.0	37.6

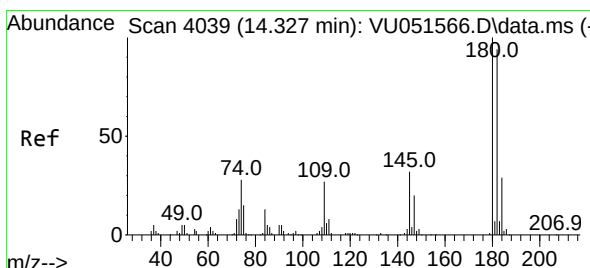
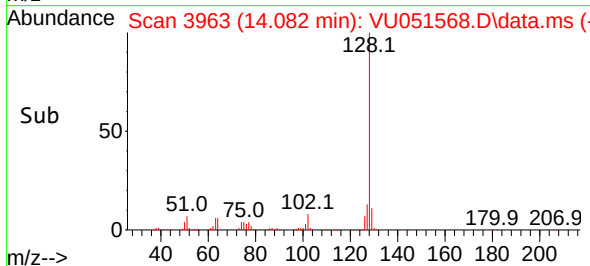
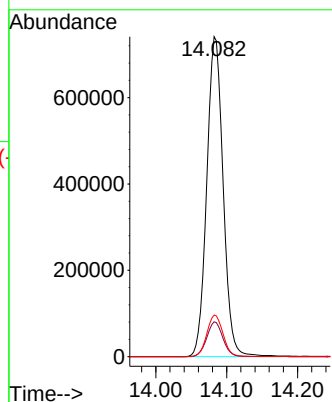
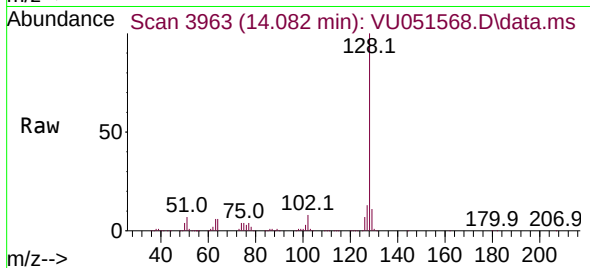




#71
Naphthalene
Concen: 24.149 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD020066

Tgt Ion:128 Resp: 1190388
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 22.336 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051568.D
Acq: 28 Oct 2022 14:51

Tgt Ion:180 Resp: 595614
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
145 32.6 25.6 38.4

