

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051215.D
 Acq On : 07 Oct 2022 12:25
 Operator : JC/MD
 Sample : VSTD00558
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005058

Quant Time: Oct 08 00:25:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	83537	4.770	ug/L	0.00
7) Chloroethane-d5	1.909	69	70148	4.792	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	32573	4.249	ug/L	0.00
20) 2-Butanone-d5	4.639	46	203099	34.390	ug/L	0.00
24) Chloroform-d	5.063	84	160735	4.236	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	80405	3.664	ug/L	0.00
32) Benzene-d6	5.726	84	310416	4.185	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	104568	4.110	ug/L	0.00
41) Toluene-d8	7.896	98	290689	4.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	35477	3.884	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	123203	34.716	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84194	3.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	88425	4.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	89719	4.180	ug/L	100
3) Chloromethane	1.520	50	121519	4.403	ug/L	100
5) Vinyl chloride	1.601	62	119122	5.074	ug/L	100
6) Bromomethane	1.855	94	66160	5.163	ug/L	100
8) Chloroethane	1.932	64	75593	5.450	ug/L	100
9) Trichlorofluoromethane	2.134	101	138578	4.897	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	83945	5.856	ug/L	100
12) 1,1-Dichloroethene	2.575	96	76159	5.283	ug/L	100
13) Acetone	2.652	43	152791	41.585	ug/L	100
14) Carbon disulfide	2.787	76	232891	5.236	ug/L	100
15) Methyl Acetate	2.957	43	35615	3.889	ug/L	100
16) Methylene chloride	3.041	84	102362	3.247	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	177374	3.980	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	81934	4.966	ug/L	100
19) 1,1-Dichloroethane	3.867	63	172278	4.856	ug/L	100
21) 2-Butanone	4.716	43	240074	39.306	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	89360	4.728	ug/L	100
23) Bromochloromethane	4.970	128	45328	5.230	ug/L	100
25) Chloroform	5.086	83	178380	4.744	ug/L	100
27) 1,2-Dichloroethane	5.793	62	108142	4.272	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	134889	4.451	ug/L	100
30) Cyclohexane	5.385	56	110207	4.540	ug/L	100
31) Carbon tetrachloride	5.523	117	113717	4.616	ug/L	100
33) Benzene	5.771	78	384896	4.793	ug/L	100
34) Trichloroethene	6.539	95	92252	4.765	ug/L	100
35) Methylcyclohexane	6.761	83	119074	5.020	ug/L	100
37) 1,2-Dichloropropane	6.790	63	103580	4.554	ug/L	100
38) Bromodichloromethane	7.105	83	123541	4.376	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	121592	4.157	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	581675	38.253	ug/L	100
42) Toluene	7.967	91	404882	5.036	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	108774	4.263	ug/L	100

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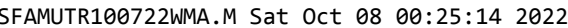
Instrument :
 MSVOA_U
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 VSTD005058

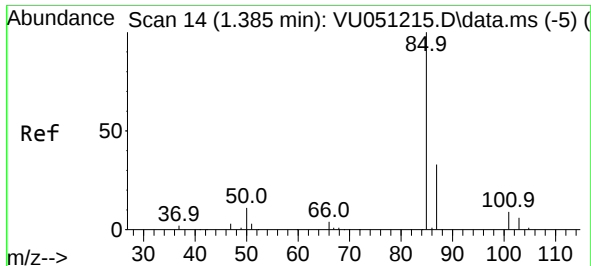
Quant Time: Oct 08 00:25:04 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	75036	4.608	ug/L	100
47) Tetrachloroethene	8.552	164	67003	5.038	ug/L	100
48) 2-Hexanone	8.684	43	452014	39.748	ug/L	100
49) Dibromochloromethane	8.809	129	82235	4.561	ug/L	100
50) 1,2-Dibromoethane	8.922	107	66976	4.655	ug/L	100
51) Chlorobenzene	9.446	112	242288	4.741	ug/L	100
52) Ethylbenzene	9.568	91	361000	4.469	ug/L	100
53) m,p-Xylene	9.693	106	140960	4.689	ug/L	100
54) o-Xylene	10.099	106	133580	4.538	ug/L	100
55) Styrene	10.115	104	240113	4.761	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	90231	4.344	ug/L	100
59) Bromoform	10.288	173	43207	4.663	ug/L	100
60) Isopropylbenzene	10.484	105	347915	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67278	4.756	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	85328	1.667	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	245144	4.350	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	171237	4.899	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	166256	4.794	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	163333	4.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	13582	4.369	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	113272	4.435	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	81230	3.861	ug/L	100
71) Naphthalene	14.086	128	137270	3.373	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	82334	4.043	ug/L	100

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

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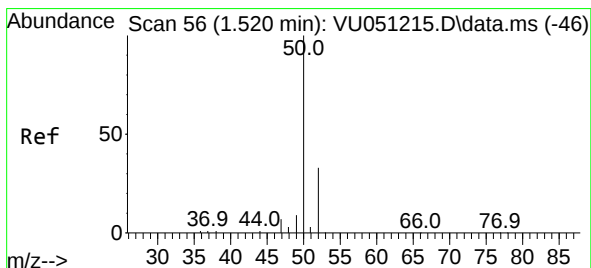
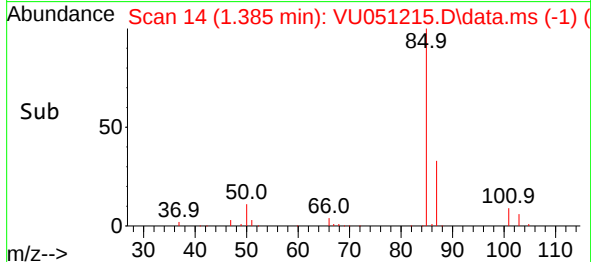
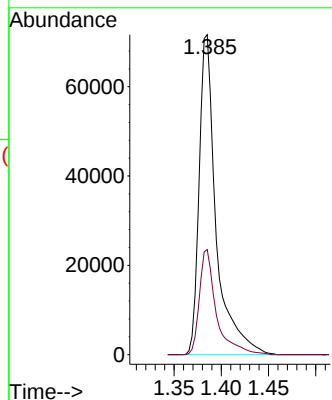
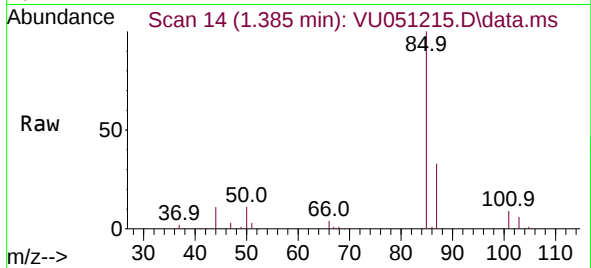




#2
Dichlorodifluoromethane
Concen: 4.180 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

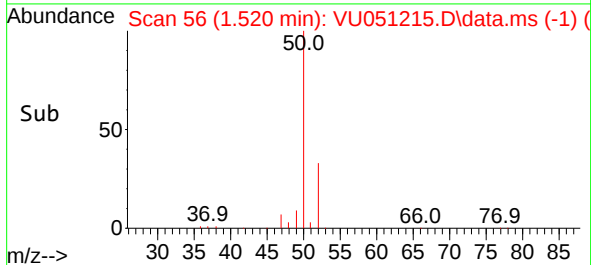
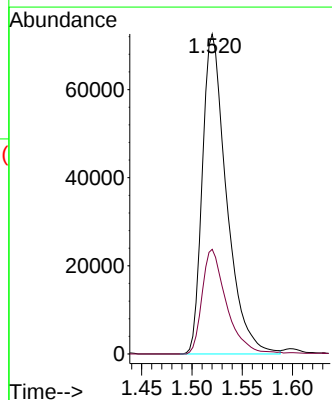
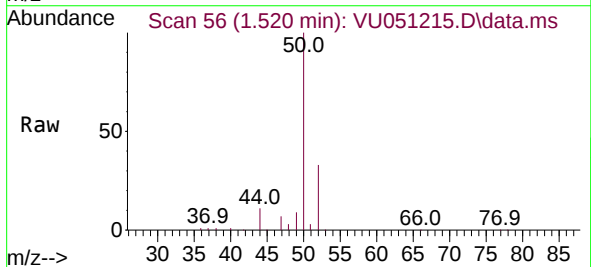
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

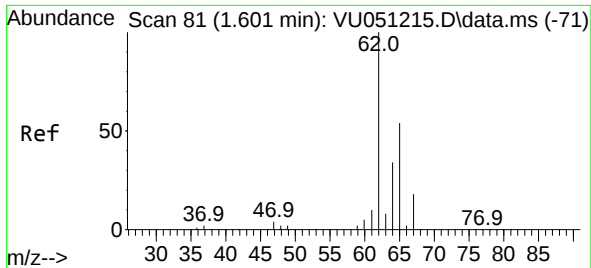
Tgt Ion: 85 Resp: 89719
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 4.403 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 50 Resp: 121519
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5

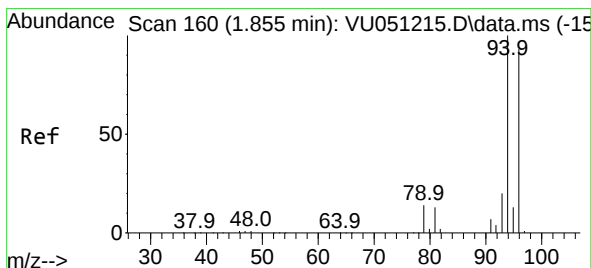
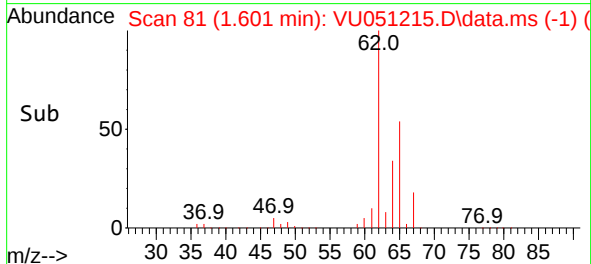
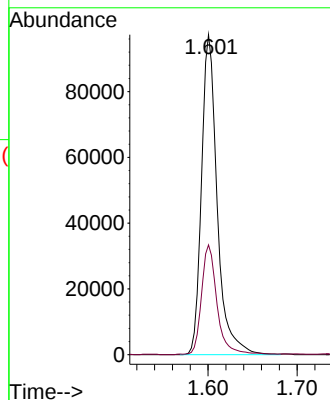
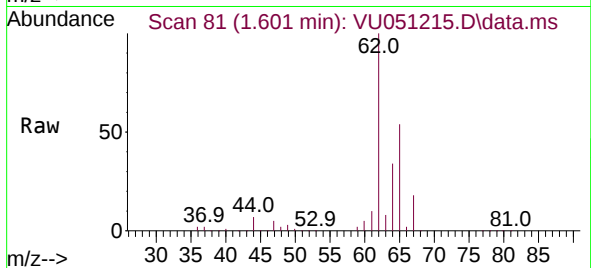




#5
 Vinyl chloride
 Concen: 5.074 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

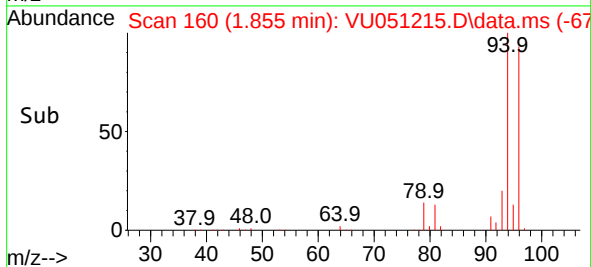
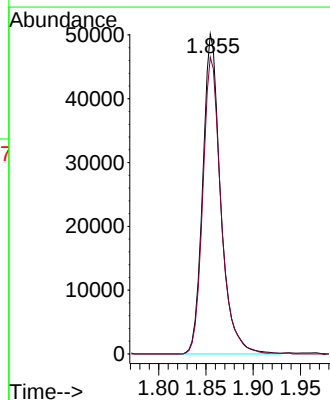
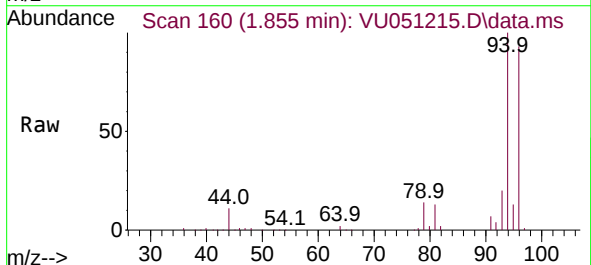
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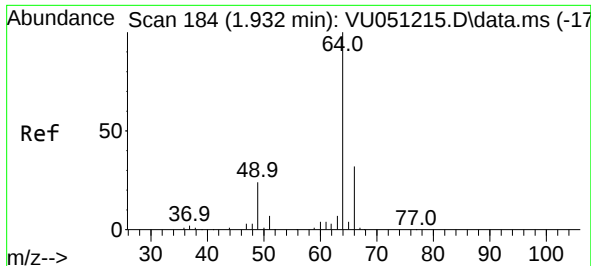
Tgt Ion: 62 Resp: 119122
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.0 44.6



#6
 Bromomethane
 Concen: 5.163 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

Tgt Ion: 94 Resp: 66160
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

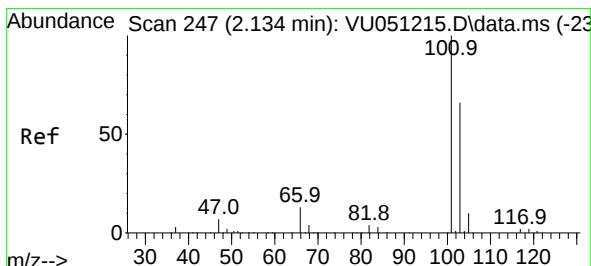
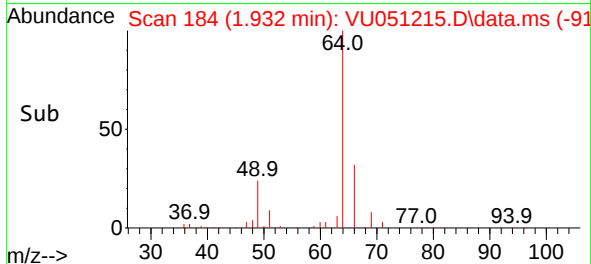
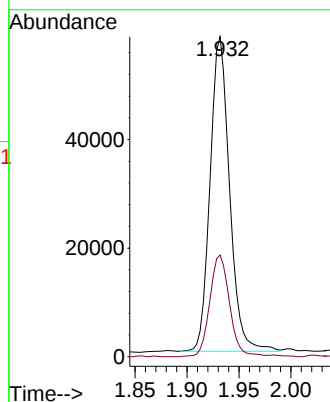
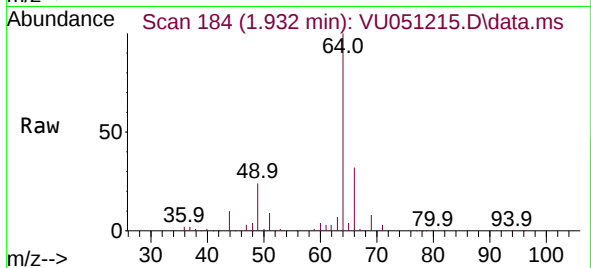




#8
Chloroethane
Concen: 5.450 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

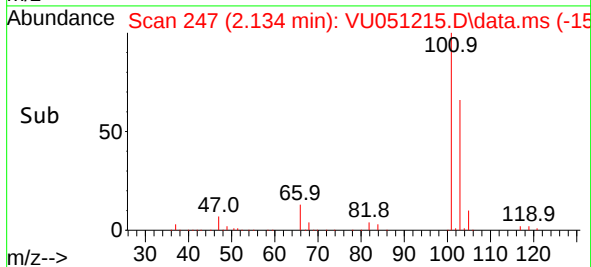
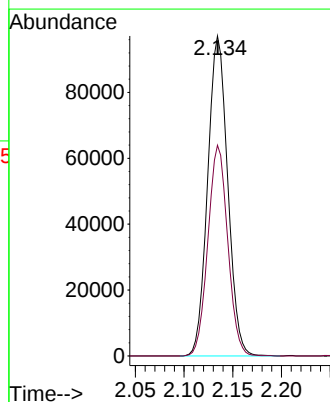
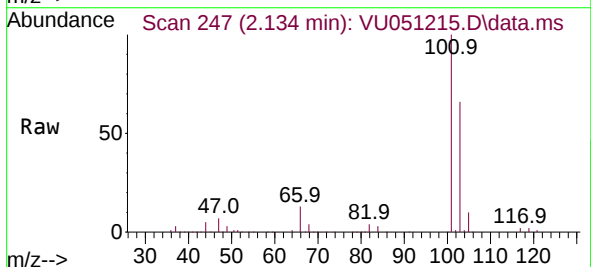
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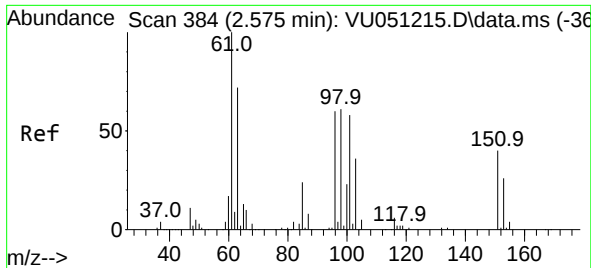
Tgt Ion: 64 Resp: 75593
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.897 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:101 Resp: 138578
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

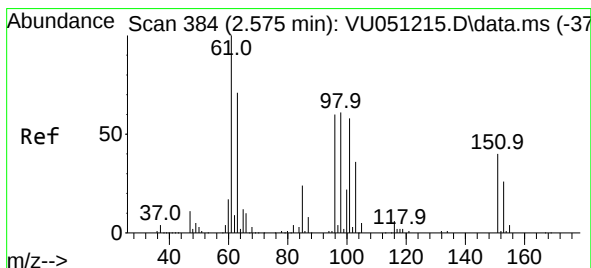
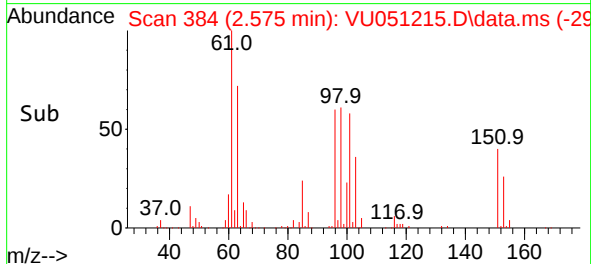
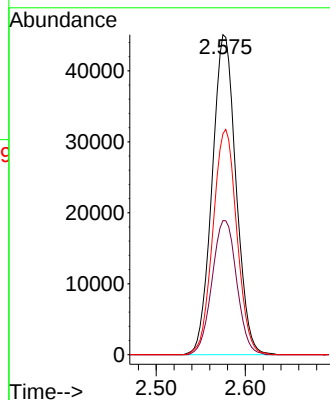
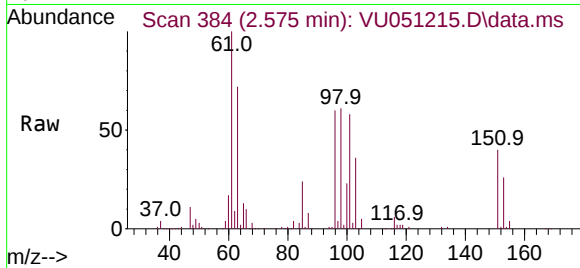




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.856 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

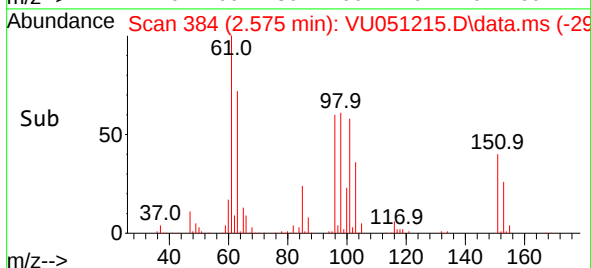
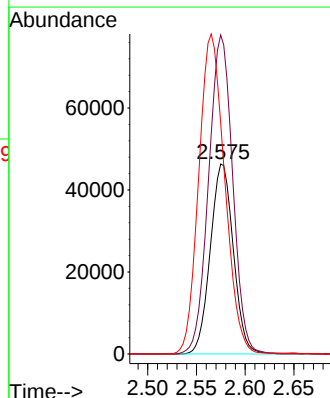
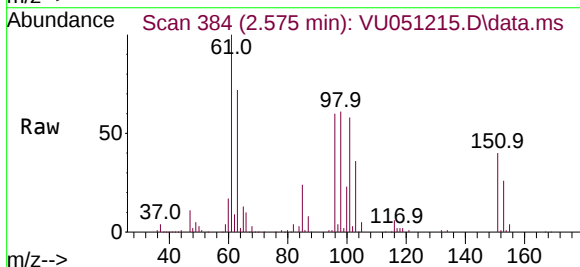
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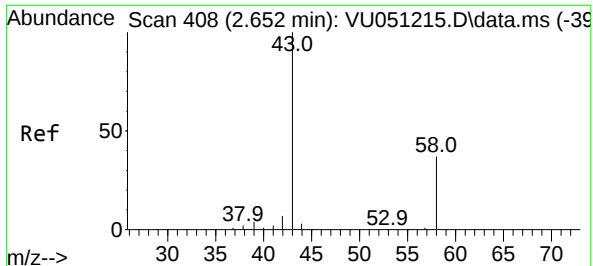
Tgt Ion: 101 Resp: 83945
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 70.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 5.283 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

Tgt Ion: 96 Resp: 76159
 Ion Ratio Lower Upper
 96 100
 61 168.0 117.6 218.4
 63 121.7 85.2 158.2





#13

Acetone

Concen: 41.585 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

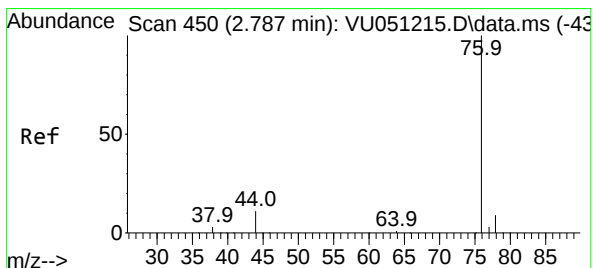
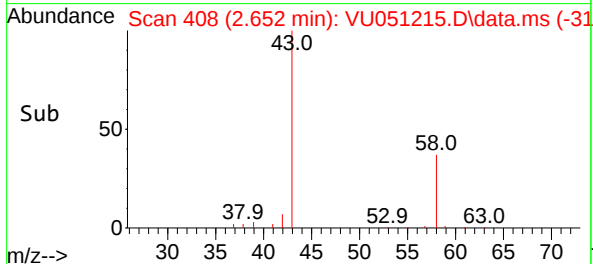
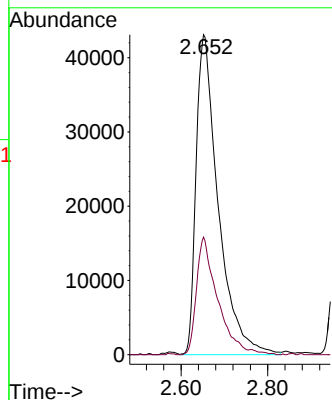
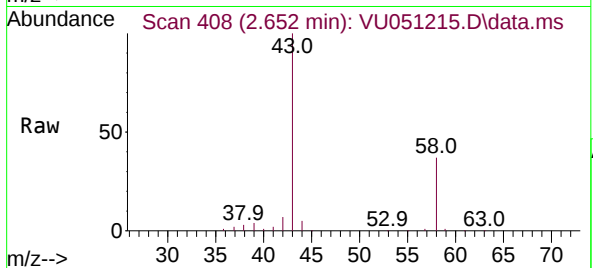
VSTD005058

Tgt Ion: 43 Resp: 152791

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 5.236 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU051215.D

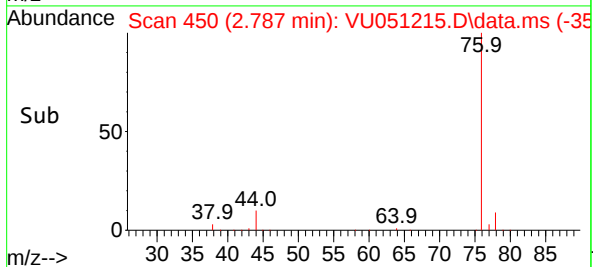
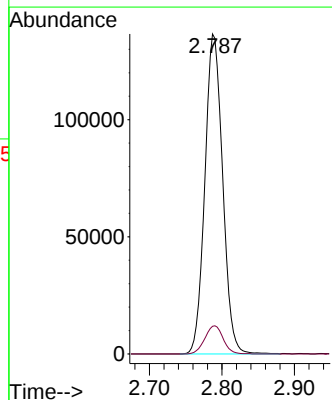
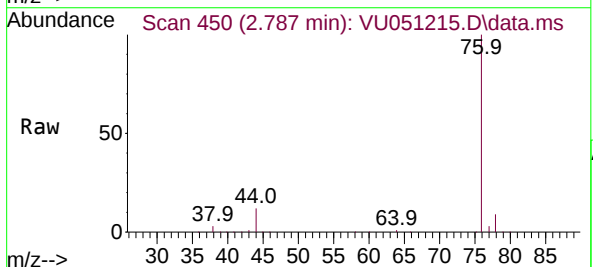
Acq: 07 Oct 2022 12:25

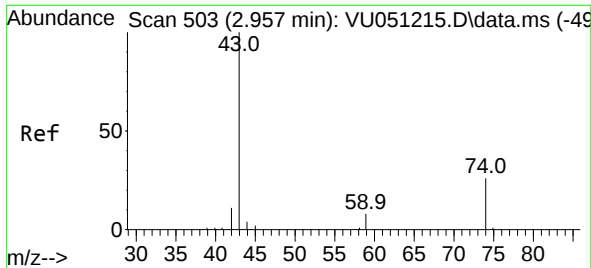
Tgt Ion: 76 Resp: 232891

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

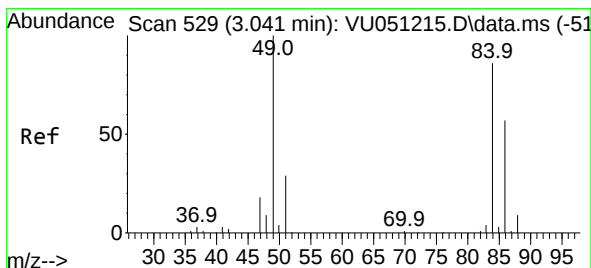
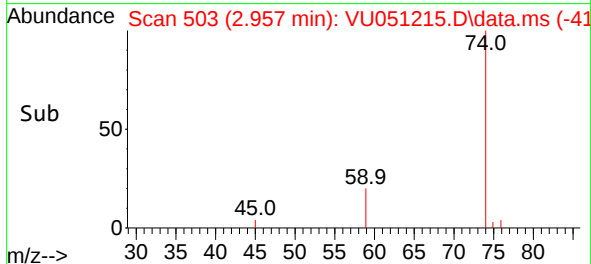
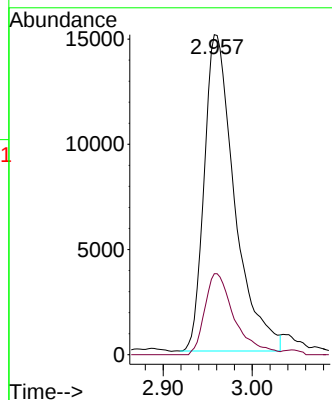
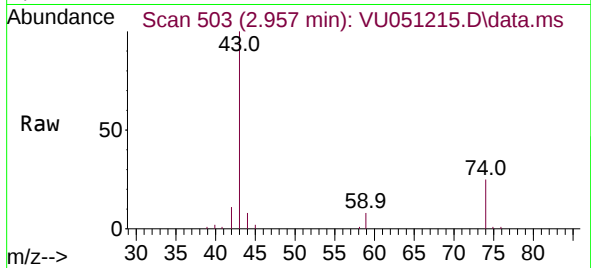




#15
Methyl Acetate
Concen: 3.889 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

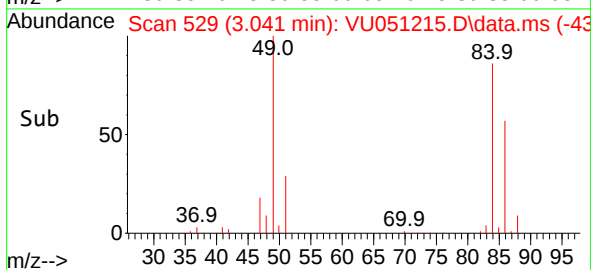
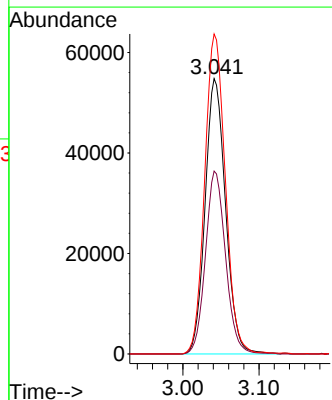
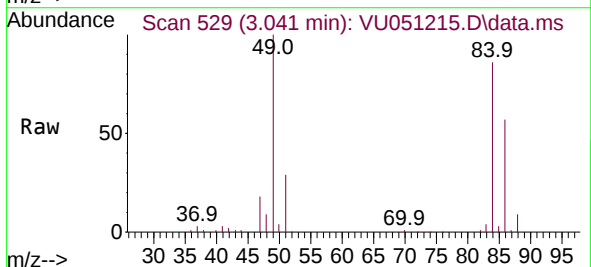
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

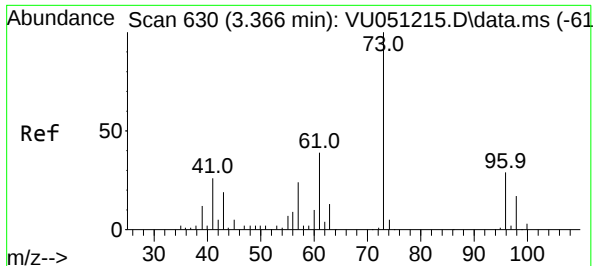
Tgt Ion: 43 Resp: 35615
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 3.247 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 84 Resp: 102362
Ion Ratio Lower Upper
84 100
86 66.4 46.5 86.3
49 116.2 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 3.980 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005058

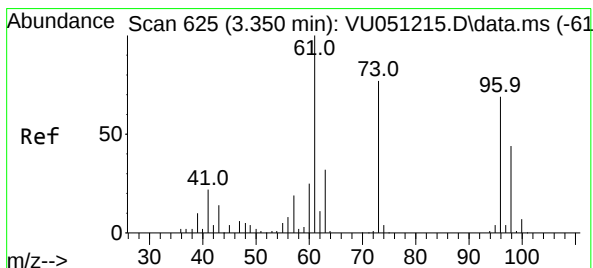
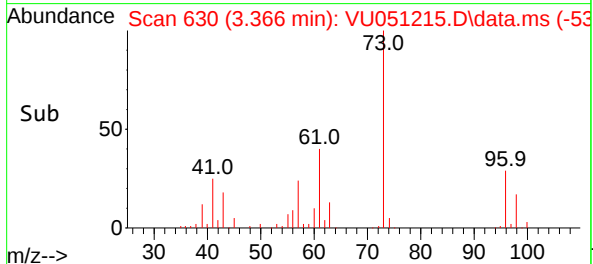
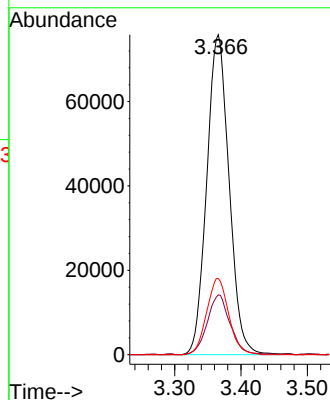
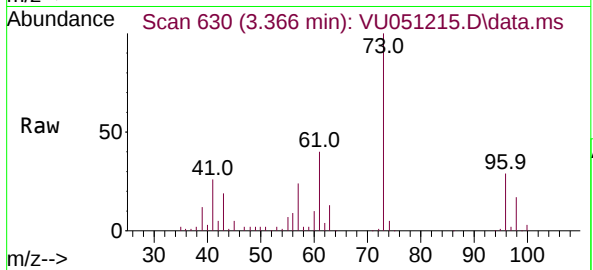
Tgt Ion: 73 Resp: 177374

Ion Ratio Lower Upper

73 100

43 19.2 15.4 23.0

57 23.6 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.966 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

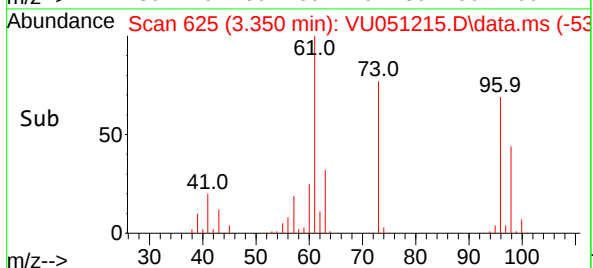
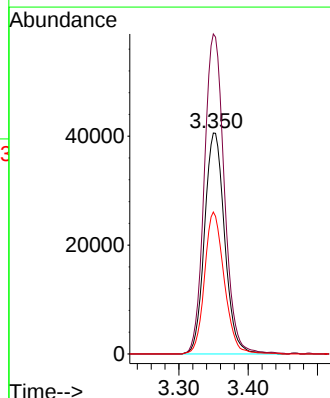
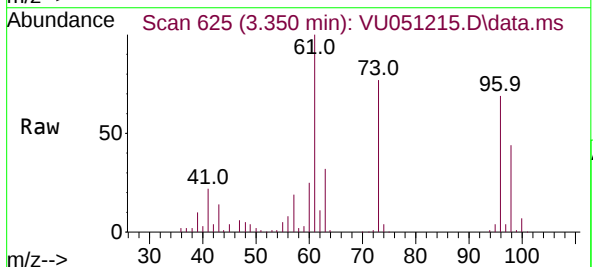
Tgt Ion: 96 Resp: 81934

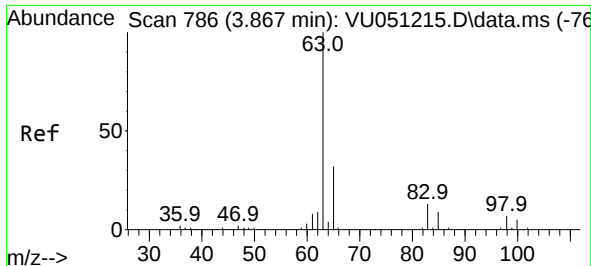
Ion Ratio Lower Upper

96 100

61 144.8 101.4 188.2

98 64.2 44.9 83.5

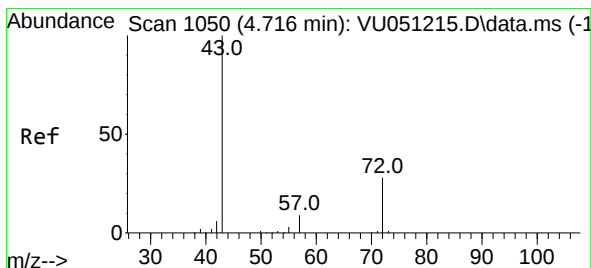
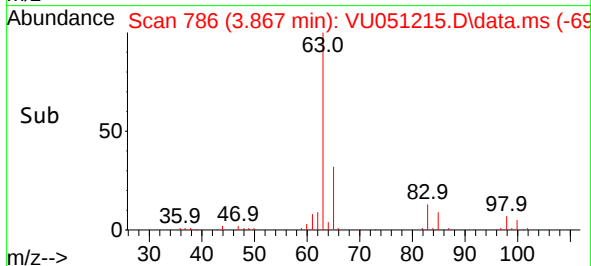
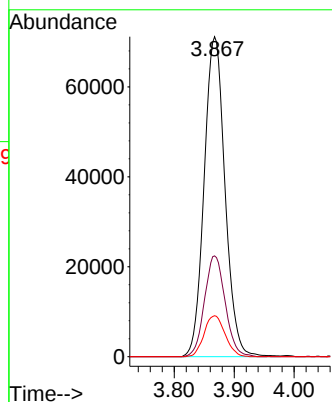
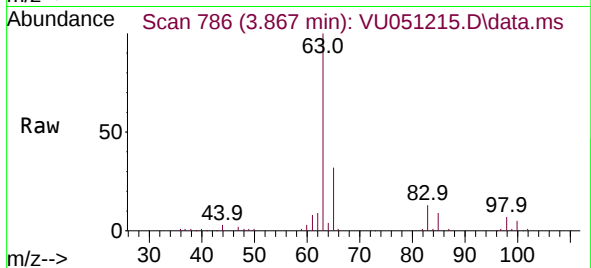




#19
1,1-Dichloroethane
Concen: 4.856 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

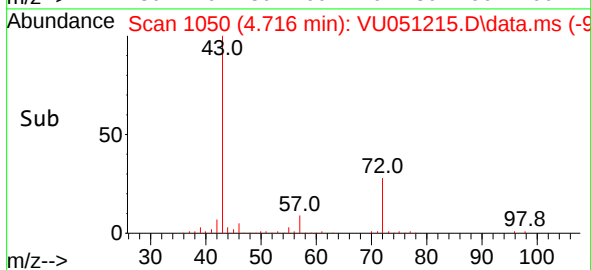
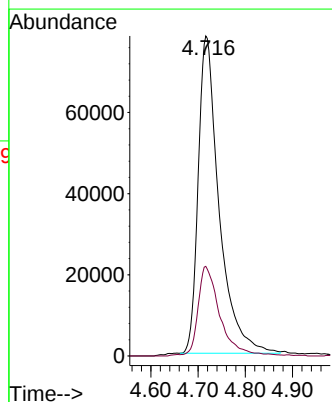
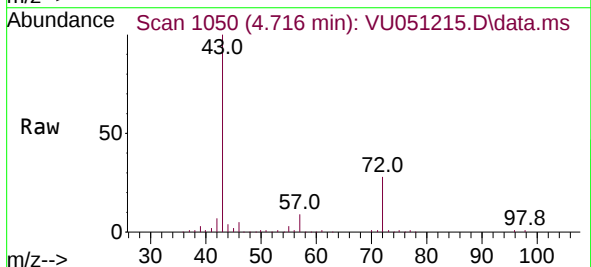
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

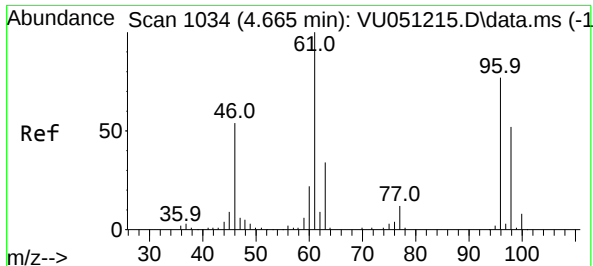
Tgt Ion: 63 Resp: 172278
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.8 9.0 16.6



#21
2-Butanone
Concen: 39.306 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 43 Resp: 240074
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4

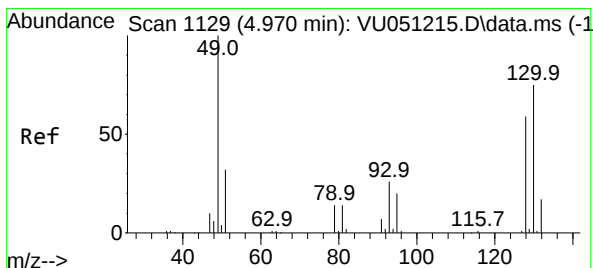
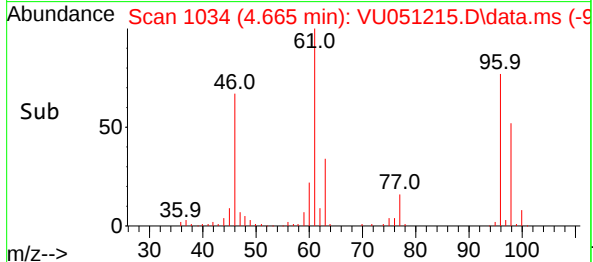
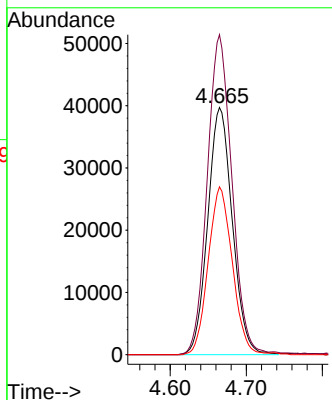
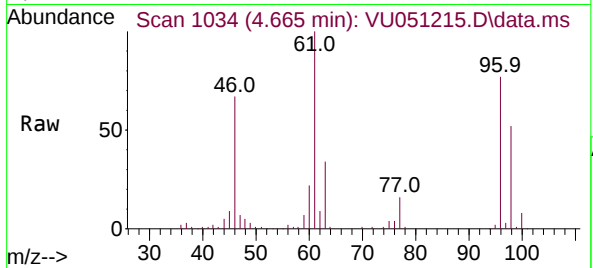




#22
 cis-1,2-Dichloroethene
 Concen: 4.728 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

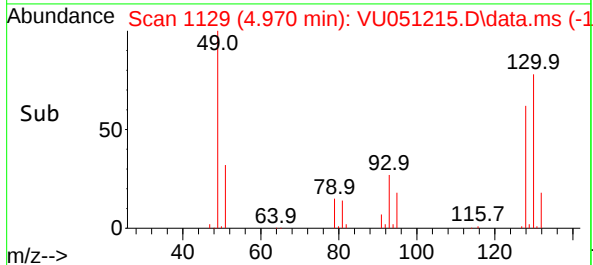
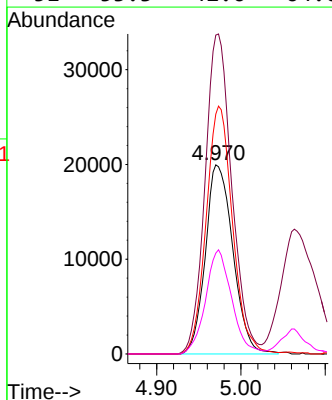
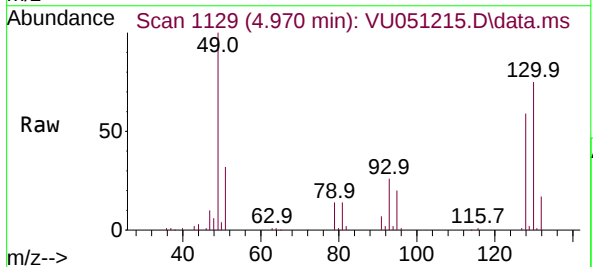
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005058

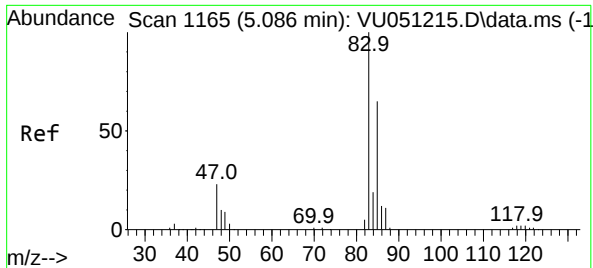
Tgt Ion: 96 Resp: 89360
 Ion Ratio Lower Upper
 96 100
 61 129.4 90.6 168.2
 98 67.9 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.230 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

Tgt Ion: 128 Resp: 45328
 Ion Ratio Lower Upper
 128 100
 49 168.6 118.0 219.2
 130 126.8 88.8 164.8
 51 53.3 42.6 64.0





#25

Chloroform

Concen: 4.744 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

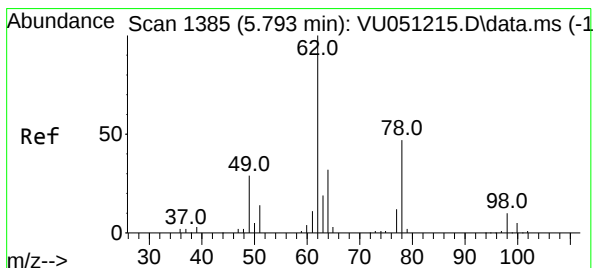
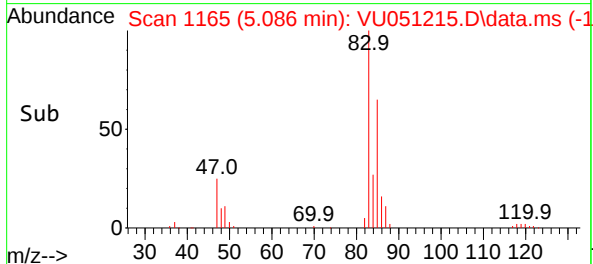
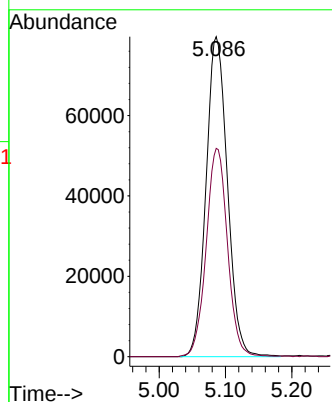
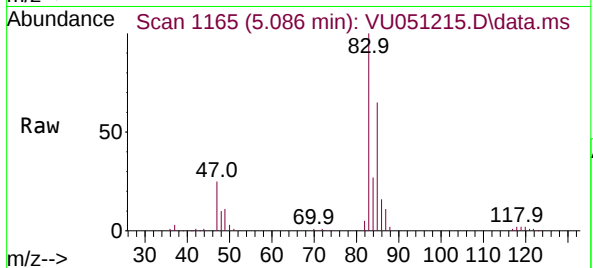
VSTD005058

Tgt Ion: 83 Resp: 178380

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.272 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051215.D

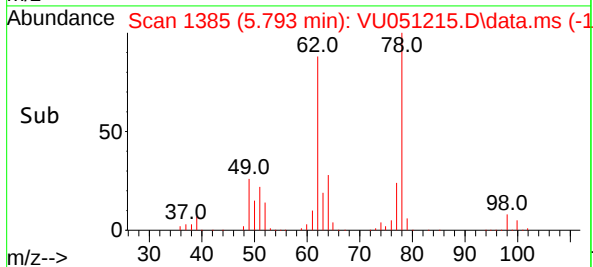
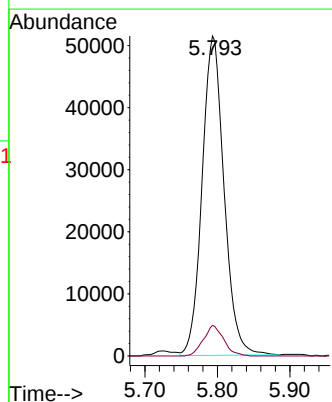
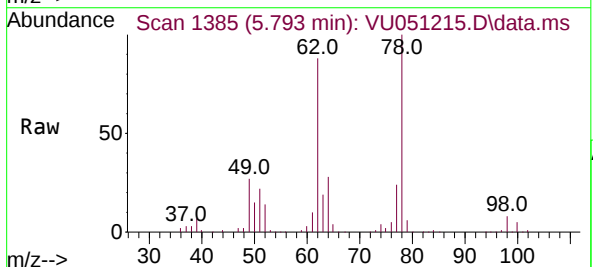
Acq: 07 Oct 2022 12:25

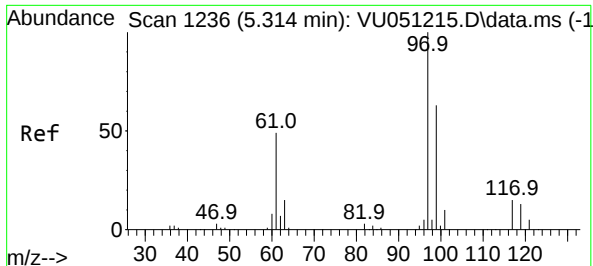
Tgt Ion: 62 Resp: 108142

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.451 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005058

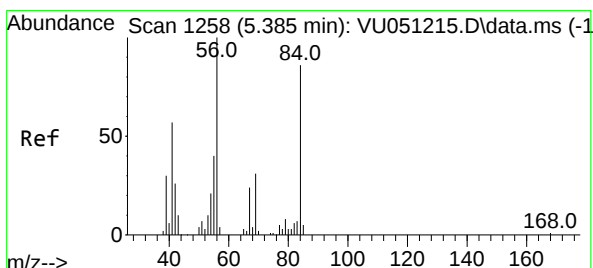
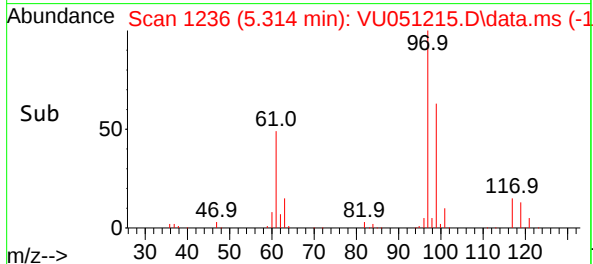
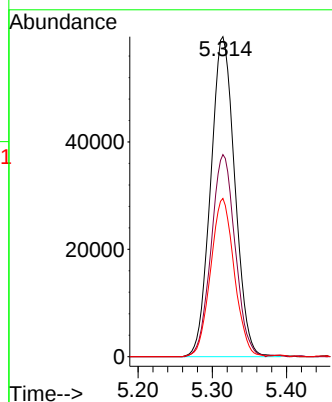
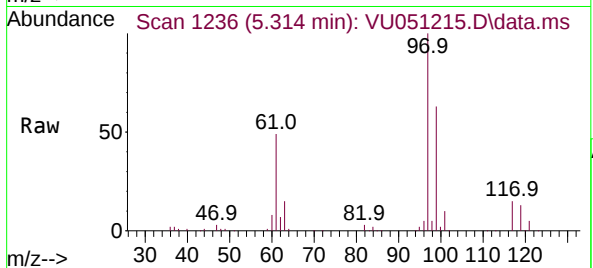
Tgt Ion: 97 Resp: 134889

Ion Ratio Lower Upper

97 100

99 62.8 50.2 75.4

61 48.4 38.7 58.1



#30

Cyclohexane

Concen: 4.540 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

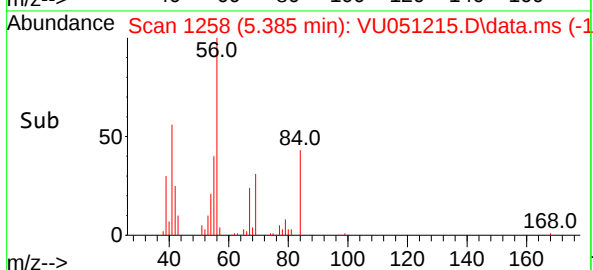
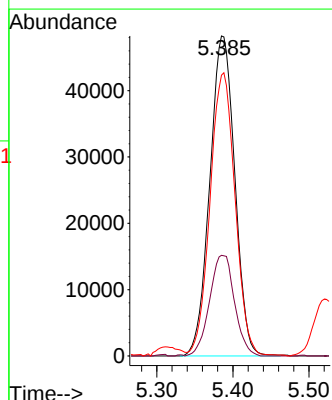
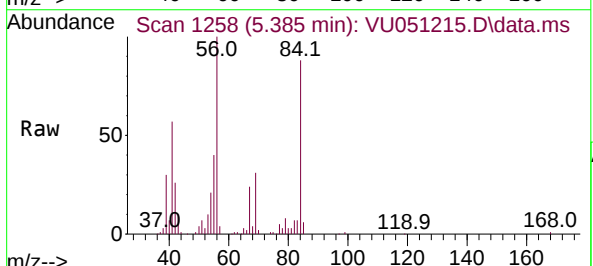
Tgt Ion: 56 Resp: 110207

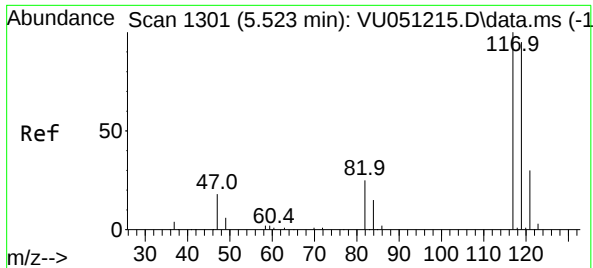
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 88.6 70.9 106.3

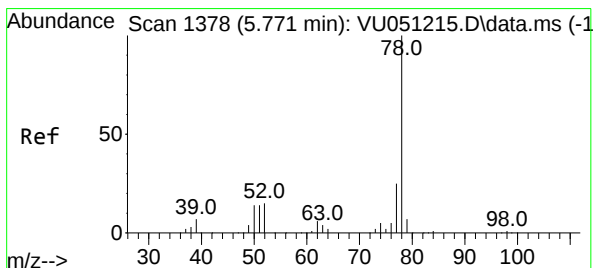
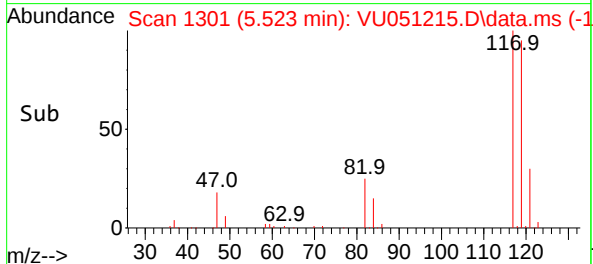
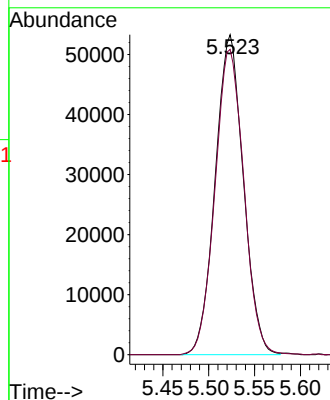
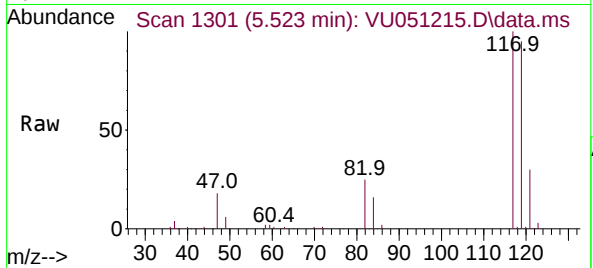




#31
Carbon tetrachloride
Concen: 4.616 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

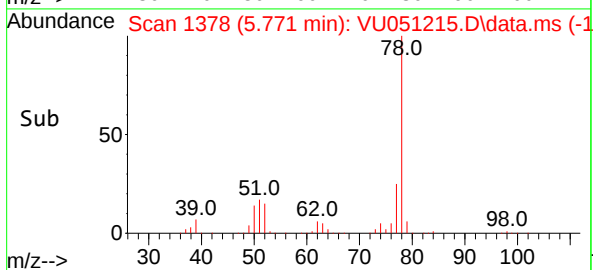
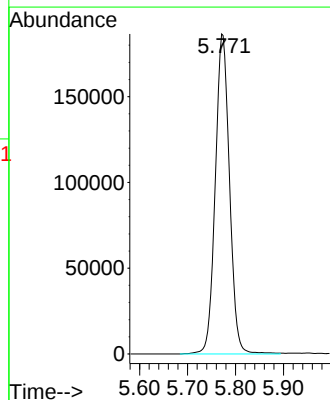
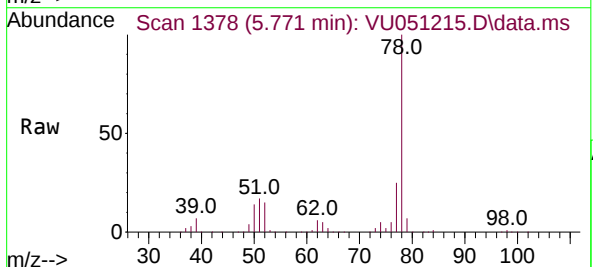
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

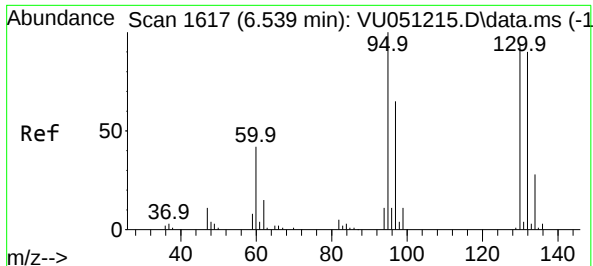
Tgt Ion:117 Resp: 113717
Ion Ratio Lower Upper
117 100
119 98.0 78.4 117.6



#33
Benzene
Concen: 4.793 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 78 Resp: 384896

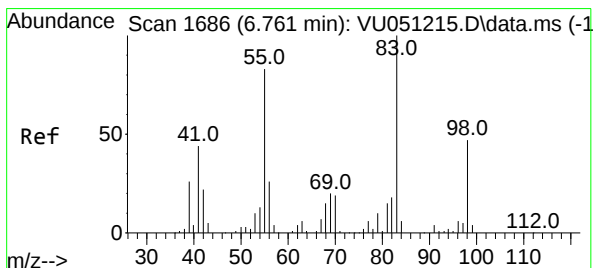
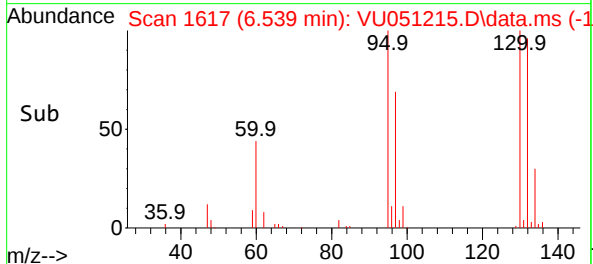
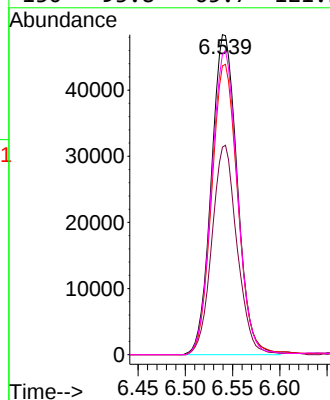
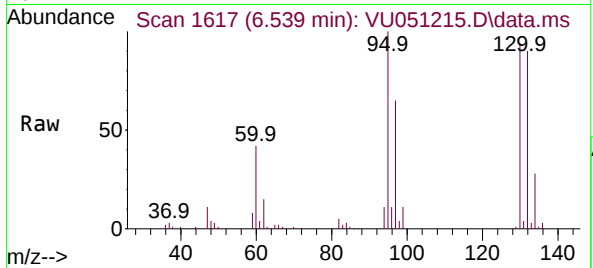




#34
Trichloroethene
Concen: 4.765 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

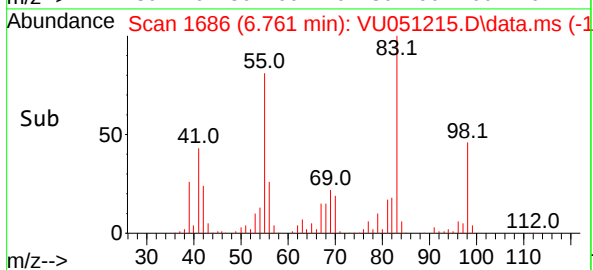
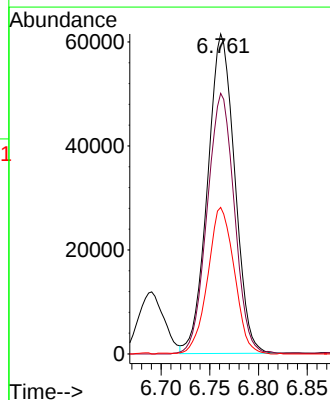
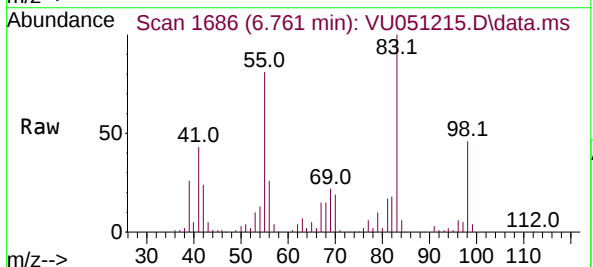
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

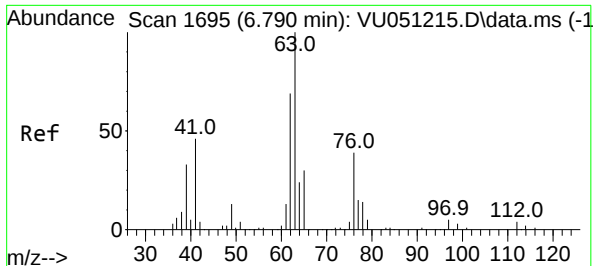
Tgt Ion: 95 Resp: 92252
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 90.2 63.1 117.3
130 93.8 65.7 121.9



#35
Methylcyclohexane
Concen: 5.020 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 83 Resp: 119074
Ion Ratio Lower Upper
83 100
55 82.2 65.8 98.6
98 44.9 35.9 53.9





#37

1,2-Dichloropropane

Concen: 4.554 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

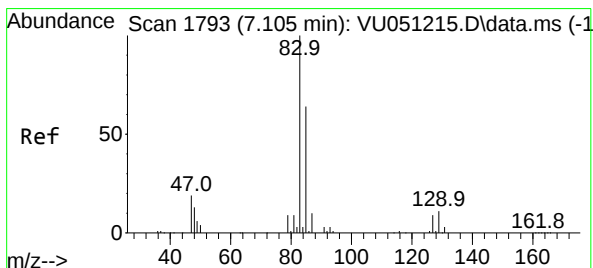
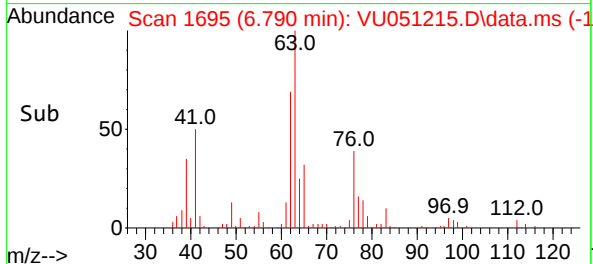
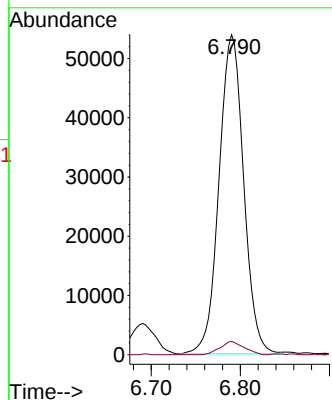
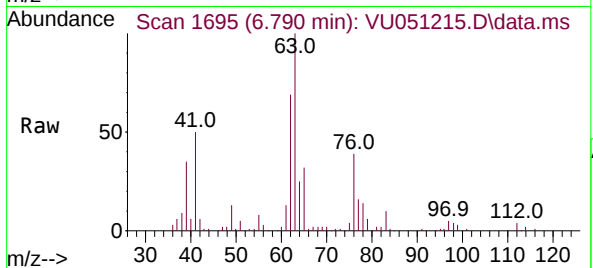
VSTD005058

Tgt Ion: 63 Resp: 103580

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 4.376 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

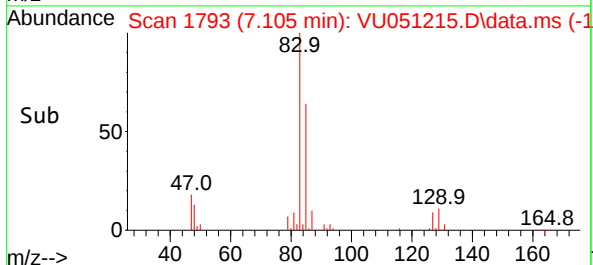
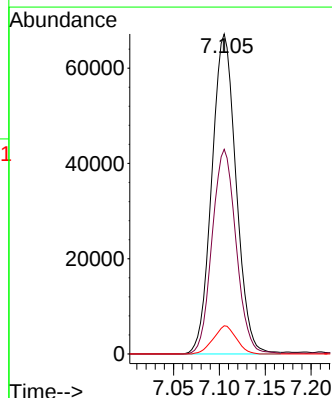
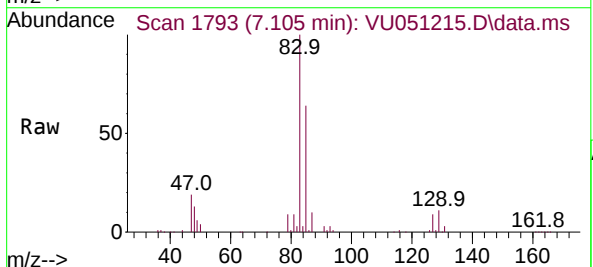
Tgt Ion: 83 Resp: 123541

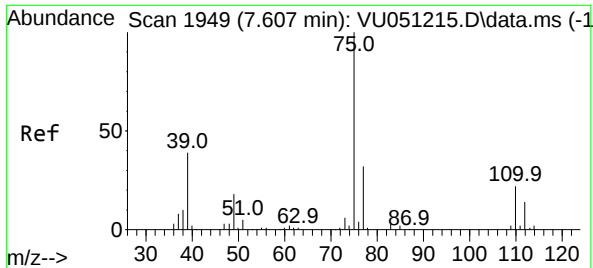
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.157 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

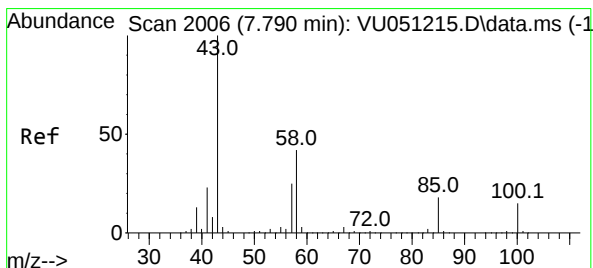
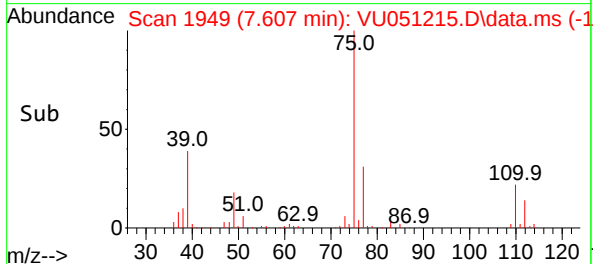
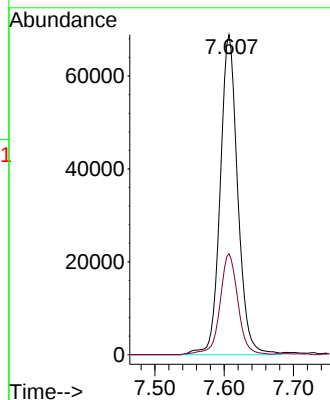
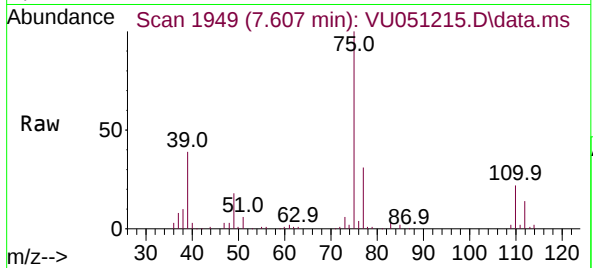
VSTD005058

Tgt Ion: 75 Resp: 121592

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 38.253 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

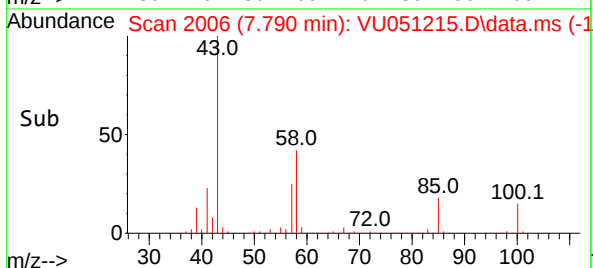
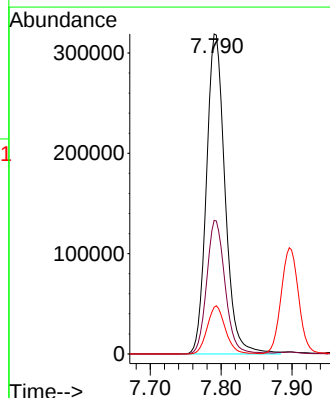
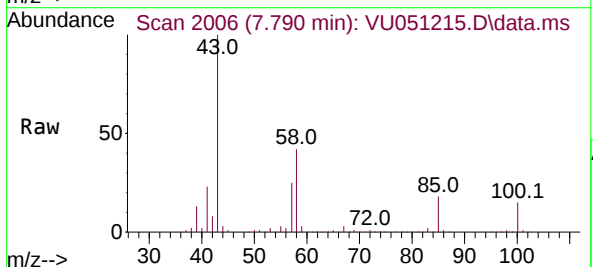
Tgt Ion: 43 Resp: 581675

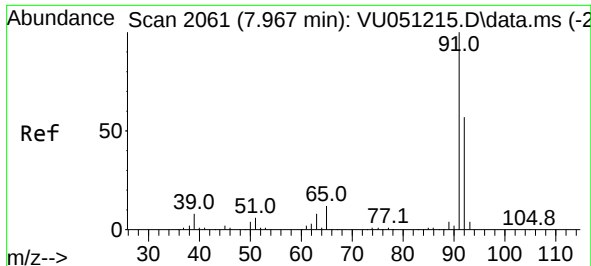
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.6

100 14.7 11.8 17.6

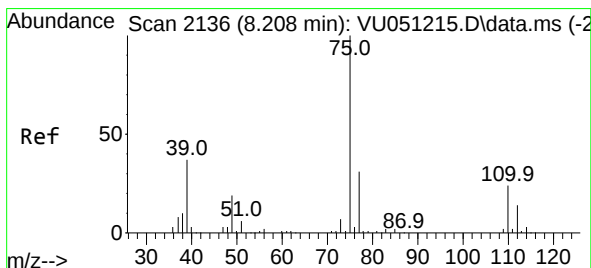
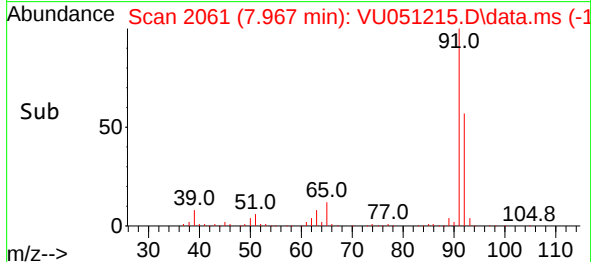
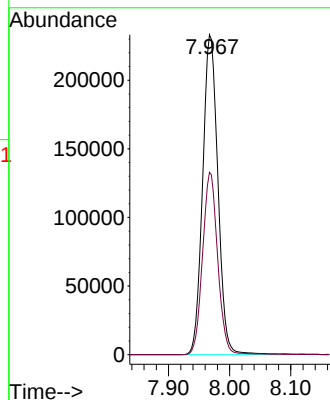
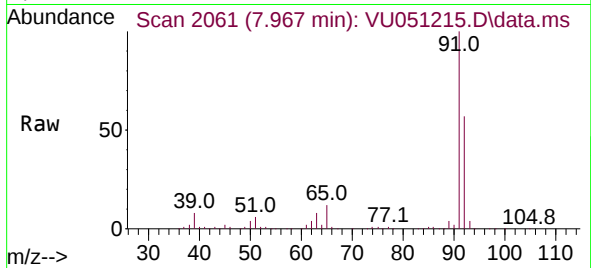




#42
Toluene
Concen: 5.036 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

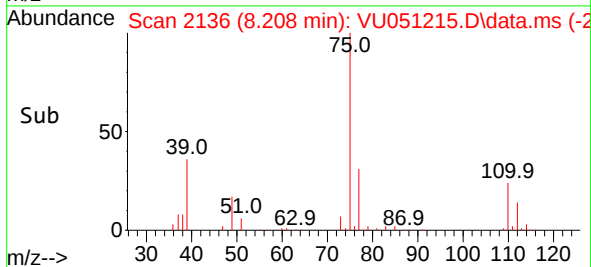
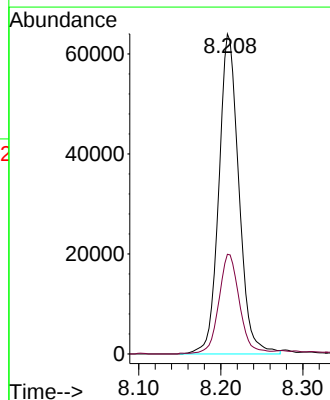
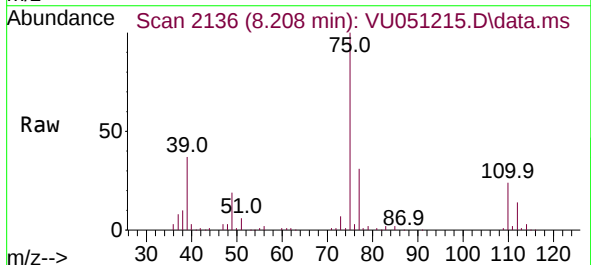
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

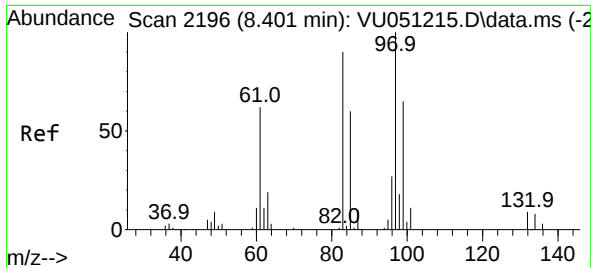
Tgt Ion: 91 Resp: 404882
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 4.263 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 75 Resp: 108774
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



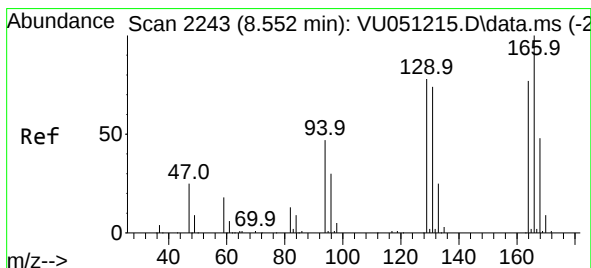
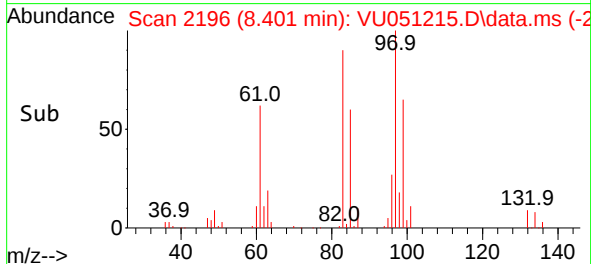
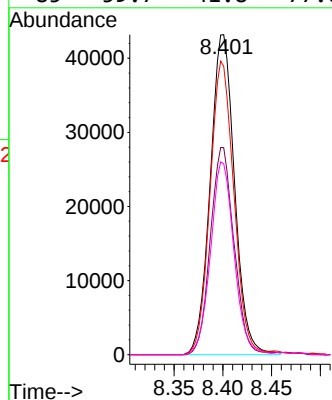
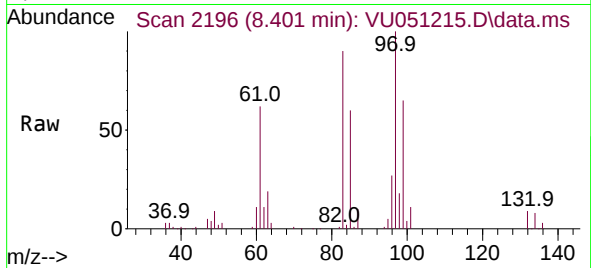


#45
1,1,2-Trichloroethane
Concen: 4.608 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

Tgt Ion: 97 Resp: 75036

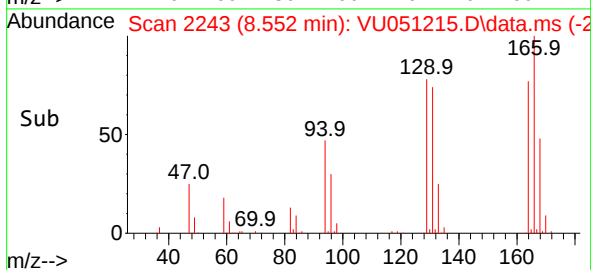
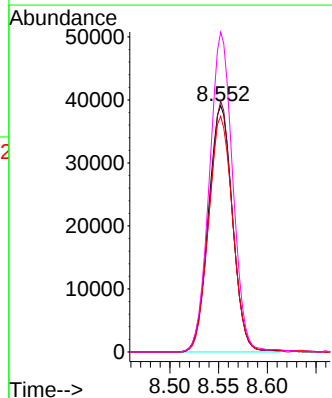
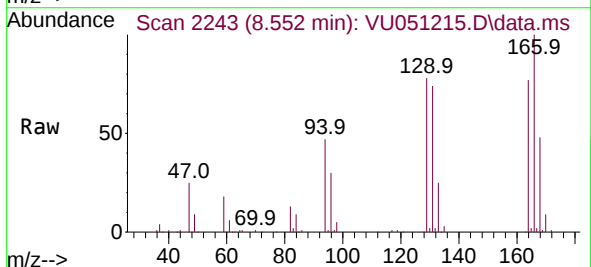
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.3	84.1
83	90.1	63.1	117.1
85	59.7	41.8	77.6

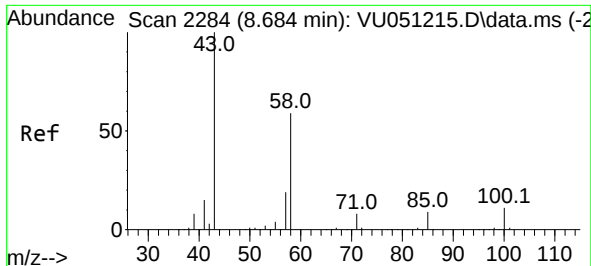


#47
Tetrachloroethene
Concen: 5.038 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 164 Resp: 67003

Ion	Ratio	Lower	Upper
164	100		
129	101.8	71.3	132.3
131	95.6	66.9	124.3
166	129.8	90.9	168.7



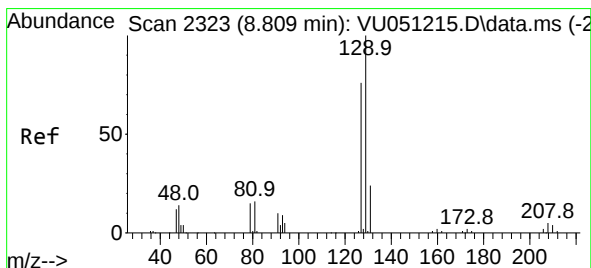
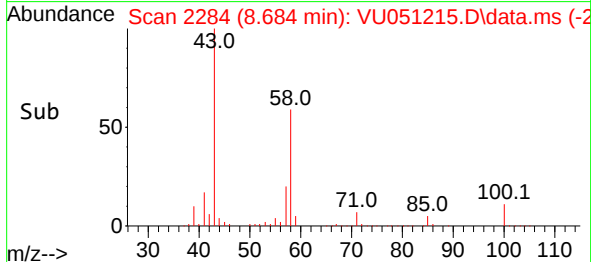
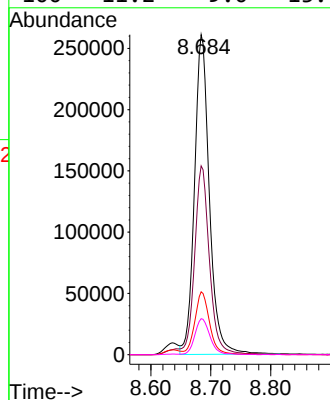
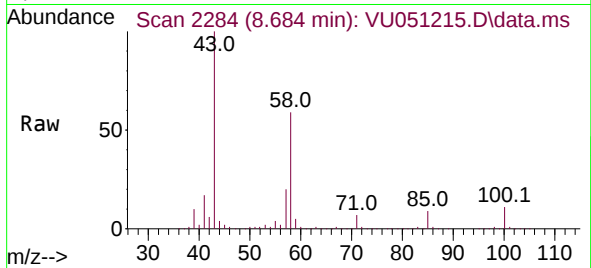


#48
2-Hexanone
Concen: 39.748 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

Tgt Ion: 43 Resp: 452014

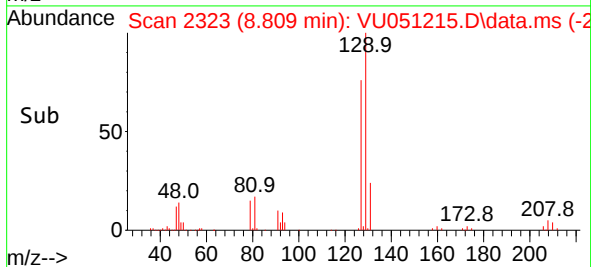
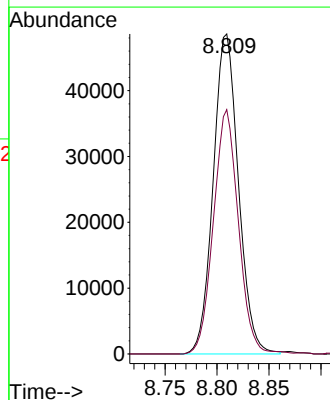
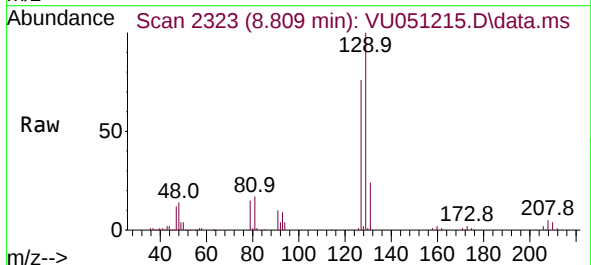
Ion	Ratio	Lower	Upper
43	100		
58	60.2	48.2	72.2
57	19.4	15.5	23.3
100	11.2	9.0	13.4

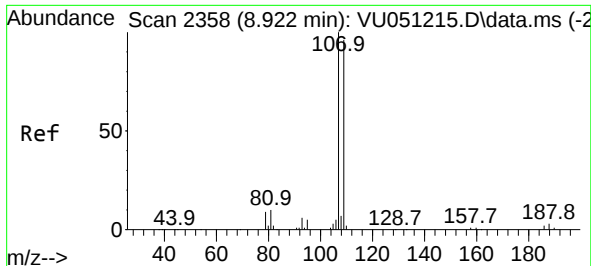


#49
Dibromochloromethane
Concen: 4.561 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 129 Resp: 82235

Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.5	99.3





#50

1,2-Dibromoethane

Concen: 4.655 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005058

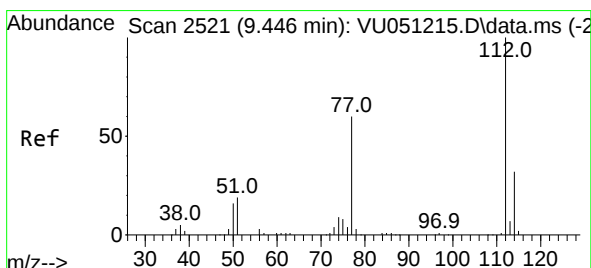
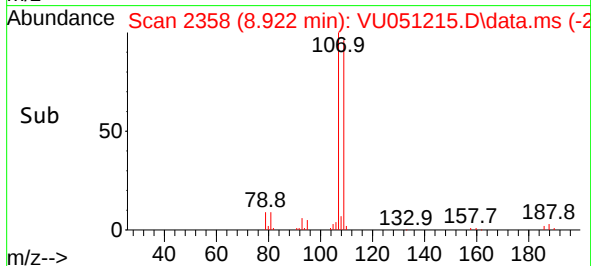
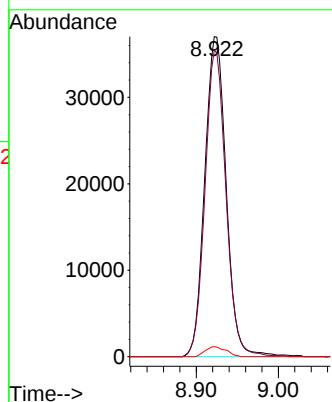
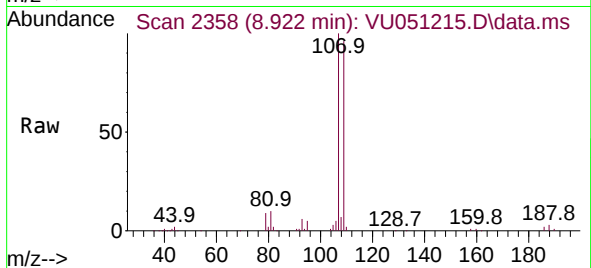
Tgt Ion:107 Resp: 66976

Ion Ratio Lower Upper

107 100

109 95.9 67.1 124.7

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 4.741 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

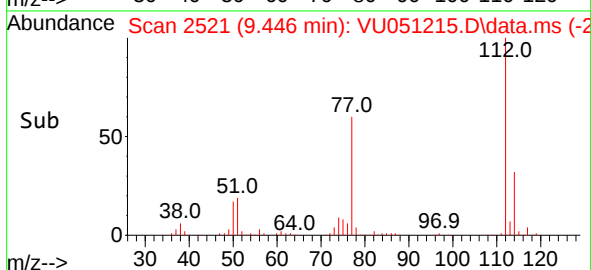
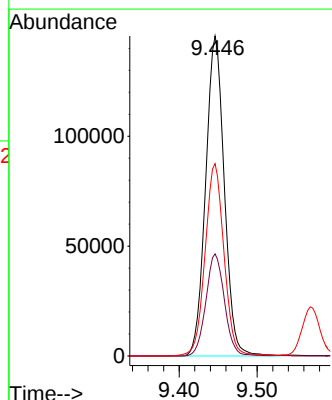
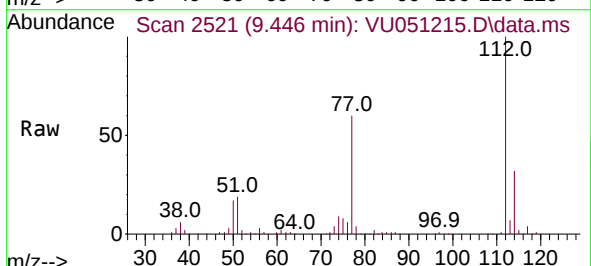
Tgt Ion:112 Resp: 242288

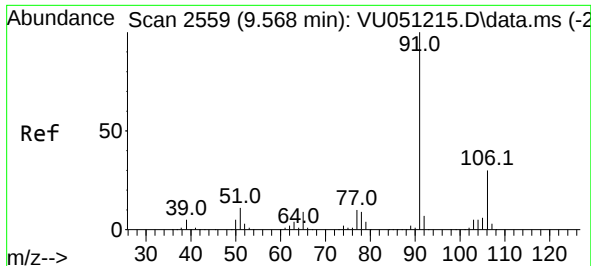
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 60.1 48.1 72.1

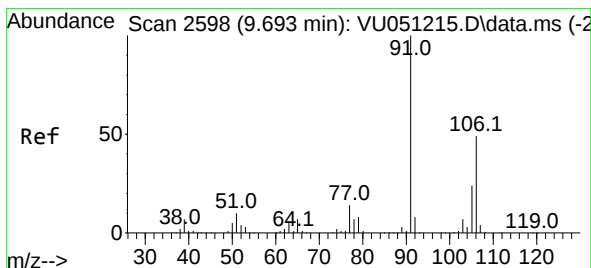
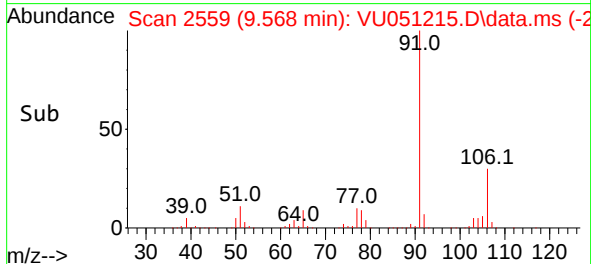
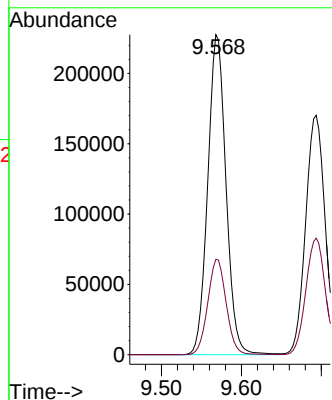
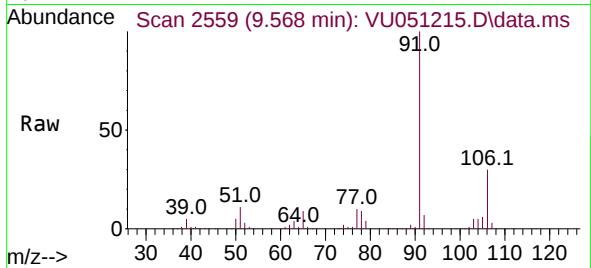




#52
Ethylbenzene
Concen: 4.469 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

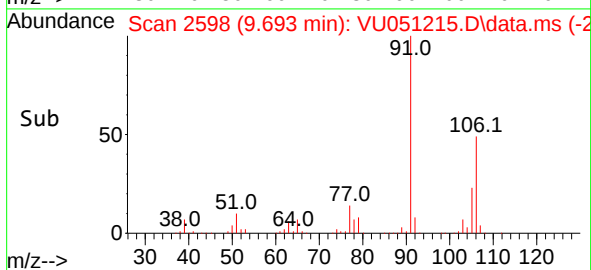
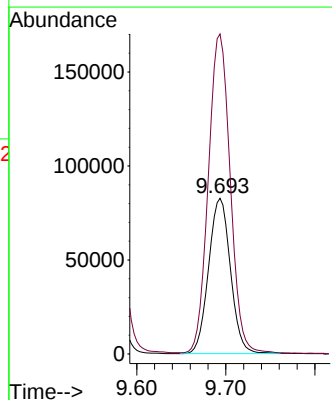
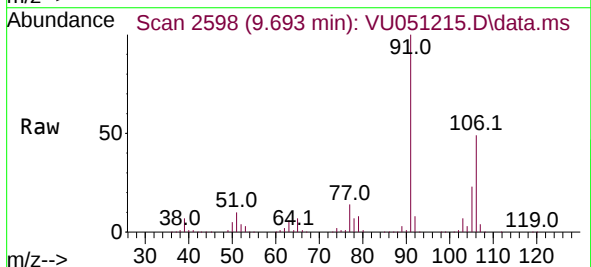
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

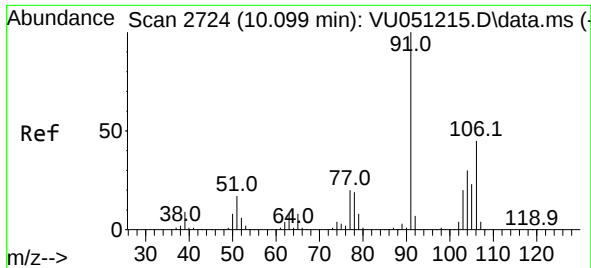
Tgt Ion: 91 Resp: 361000
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 4.689 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 106 Resp: 140960
Ion Ratio Lower Upper
106 100
91 205.6 143.9 267.3

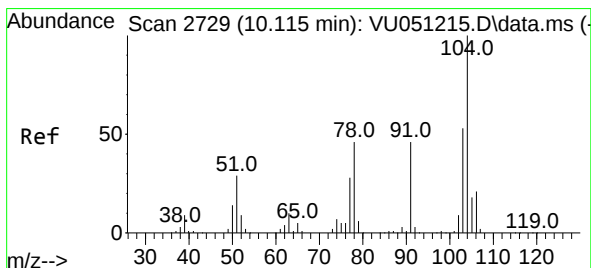
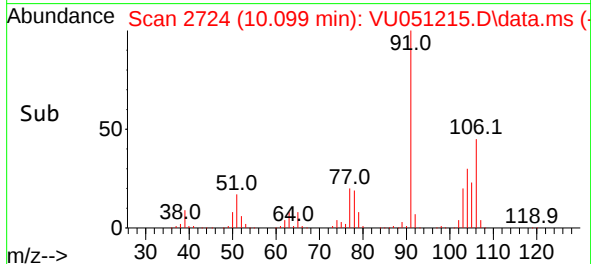
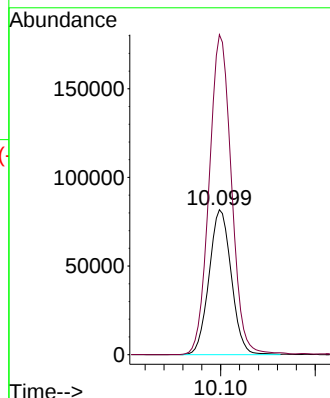
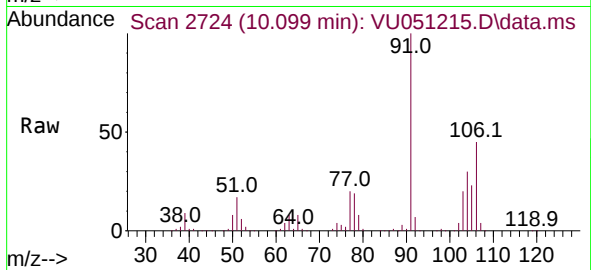




#54
o-Xylene
Concen: 4.538 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

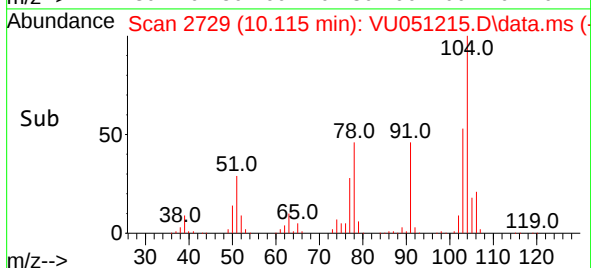
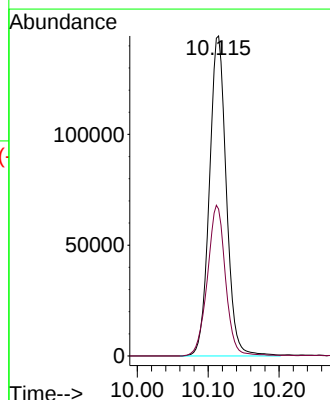
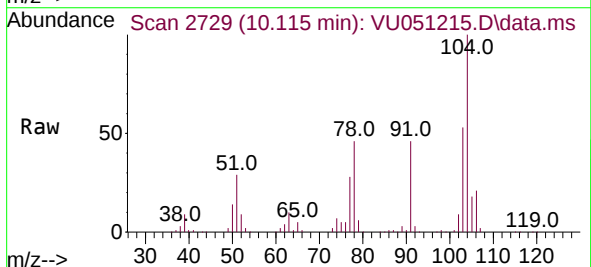
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

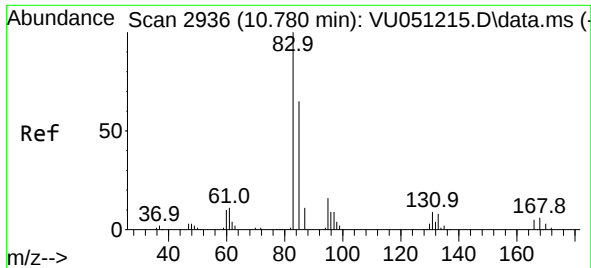
Tgt Ion:106 Resp: 133580
Ion Ratio Lower Upper
106 100
91 220.6 154.4 286.8



#55
Styrene
Concen: 4.761 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:104 Resp: 240113
Ion Ratio Lower Upper
104 100
78 45.9 32.1 59.7

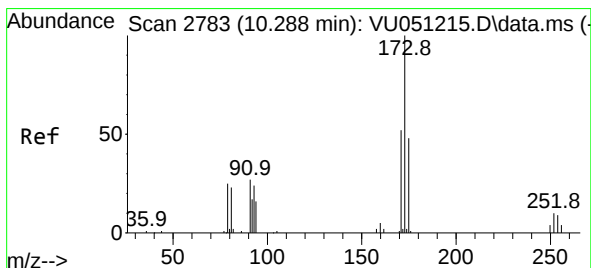
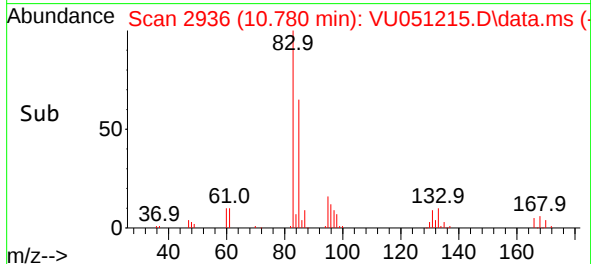
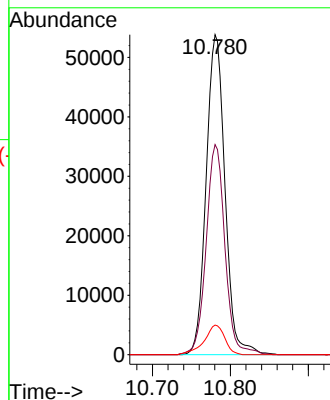
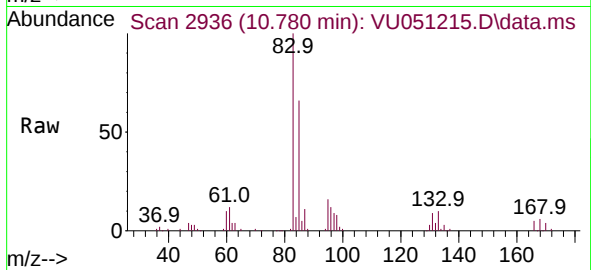




#57
1,1,2,2-Tetrachloroethane
Concen: 4.344 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

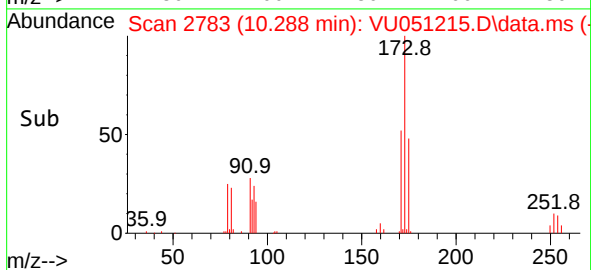
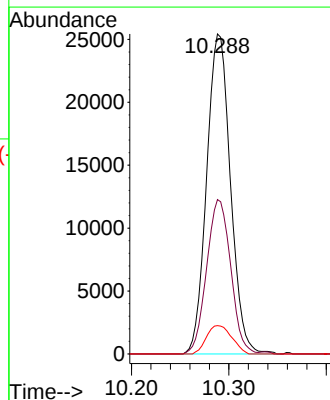
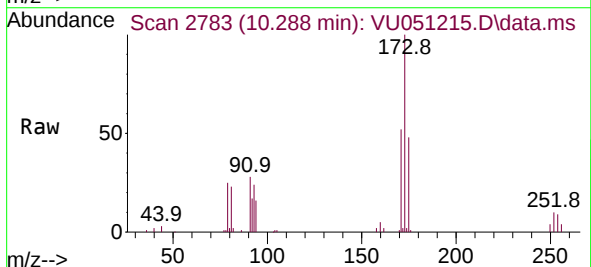
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

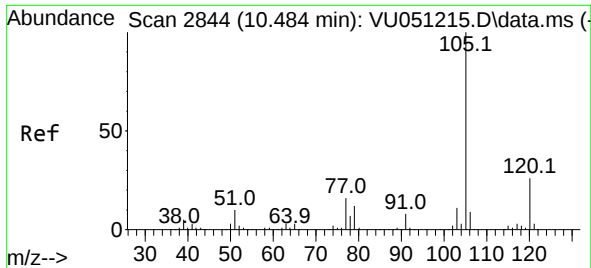
Tgt Ion: 83 Resp: 90231
Ion Ratio Lower Upper
83 100
85 65.6 45.9 85.3
131 9.3 7.4 11.2



#59
Bromoform
Concen: 4.663 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:173 Resp: 43207
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.4 7.5 11.3

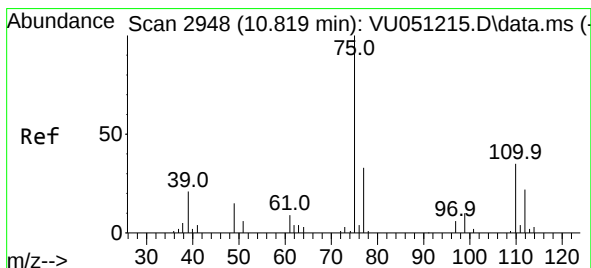
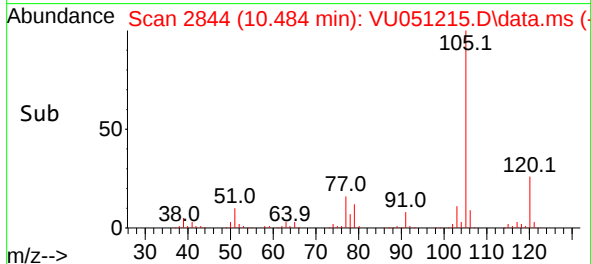
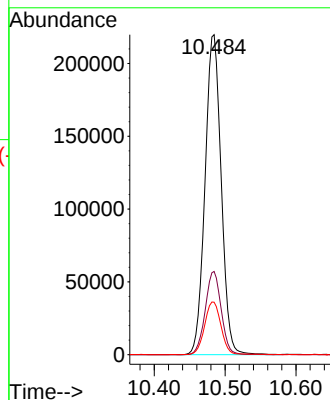
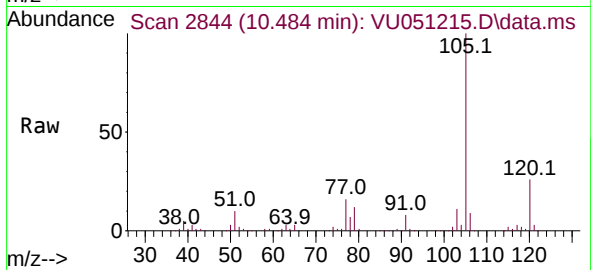




#60
Isopropylbenzene
Concen: 4.957 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

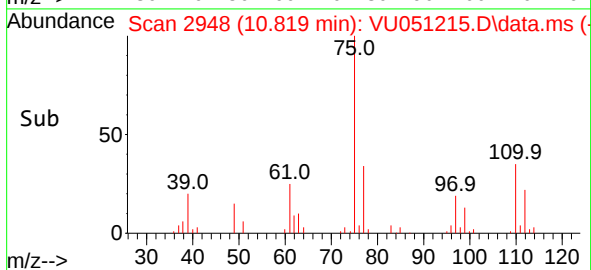
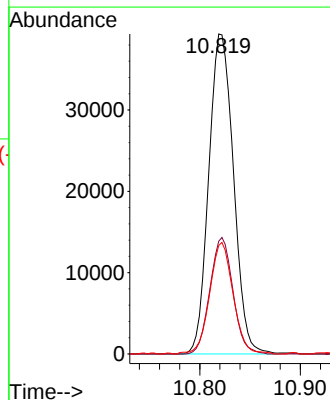
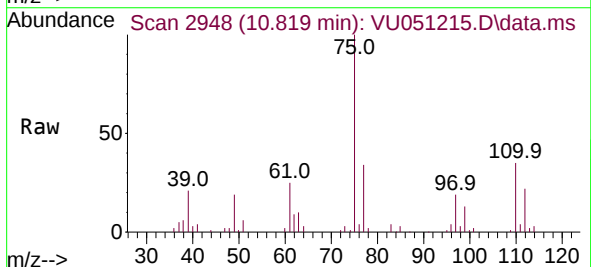
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

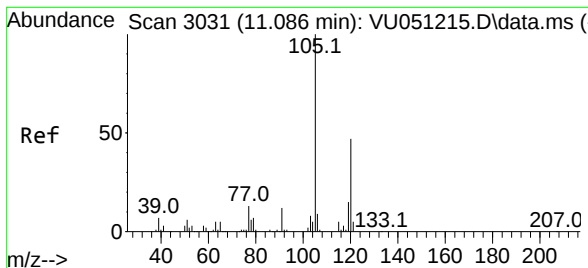
Tgt Ion:105 Resp: 347915
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.756 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion: 75 Resp: 67278
Ion Ratio Lower Upper
75 100
110 33.8 27.0 40.6
77 33.0 26.4 39.6

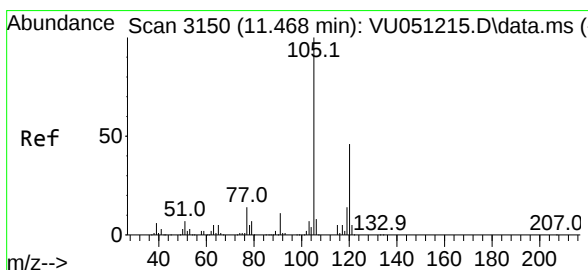
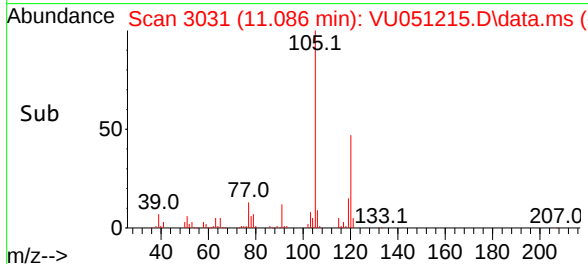
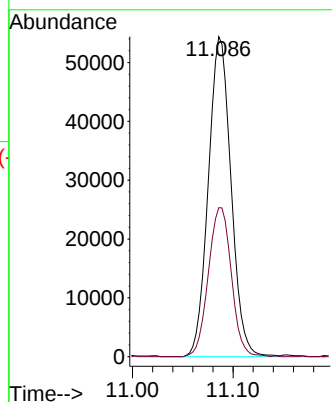
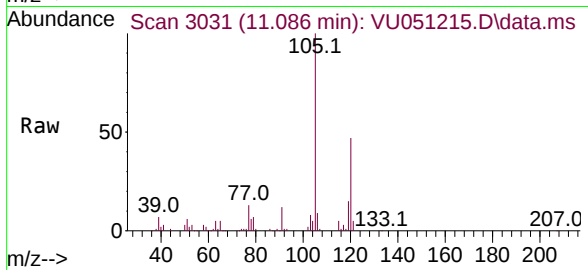




#62
1,3,5-Trimethylbenzene
Concen: 1.667 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

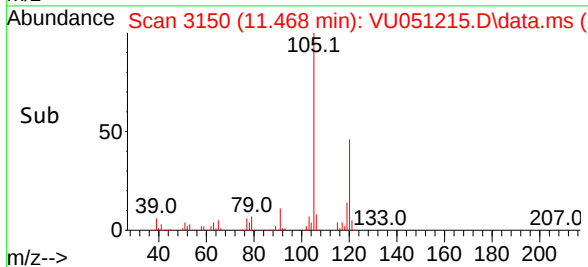
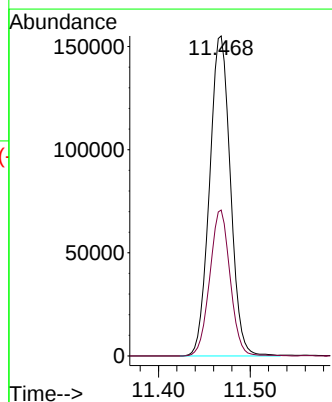
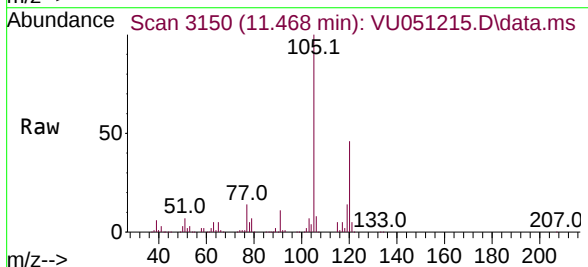
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

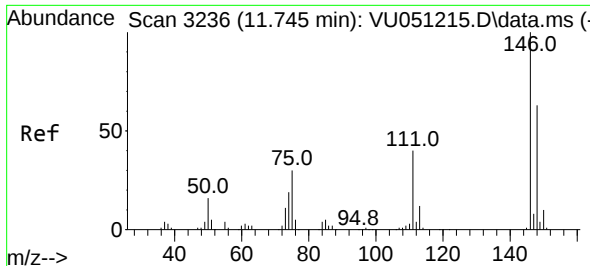
Tgt Ion:105 Resp: 85328
Ion Ratio Lower Upper
105 100
120 47.1 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 4.350 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:105 Resp: 245144
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

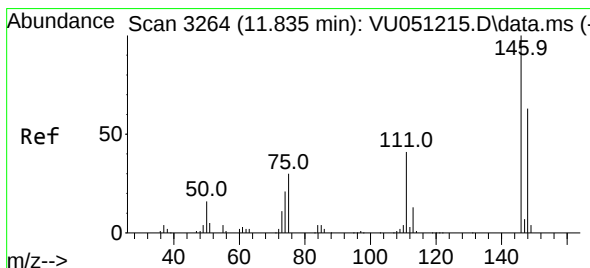
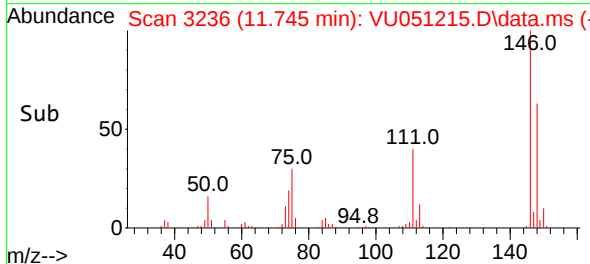
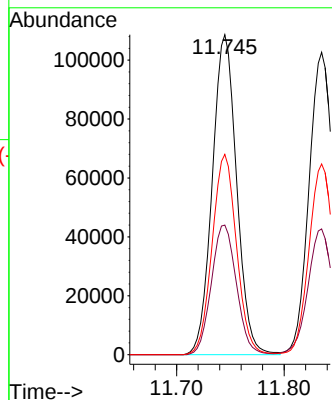
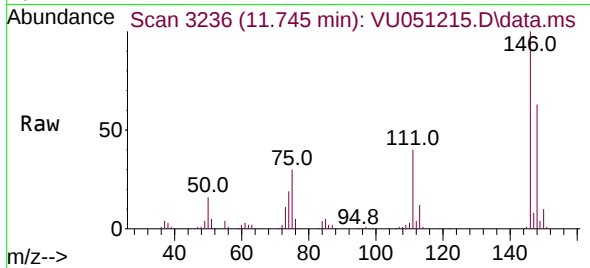




#64
1,3-Dichlorobenzene
Concen: 4.899 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

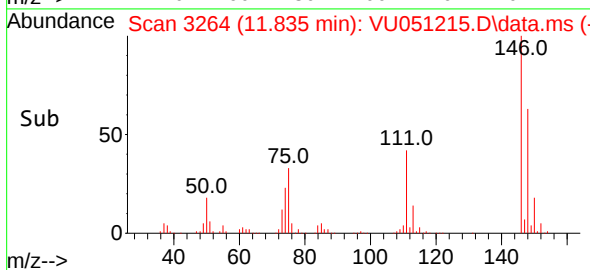
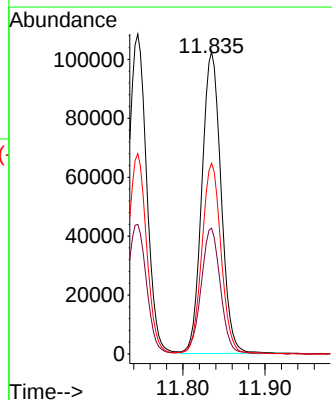
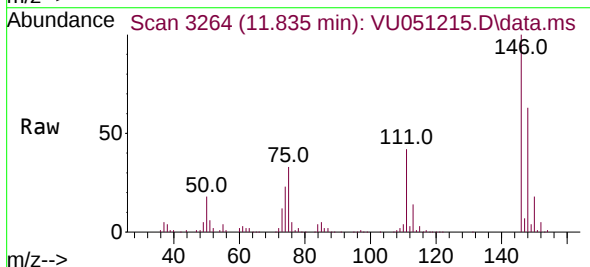
Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

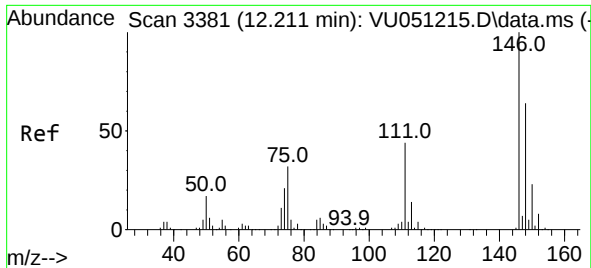
Tgt Ion:146 Resp: 171237
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 62.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.794 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:146 Resp: 166256
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.720 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005058

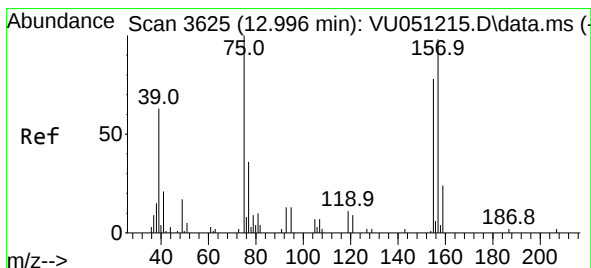
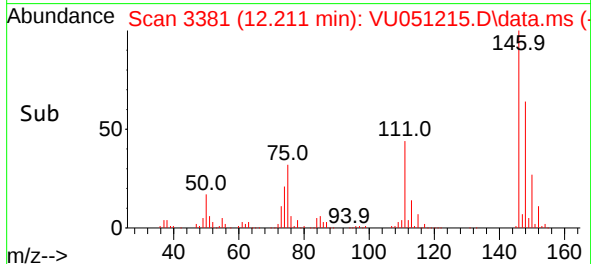
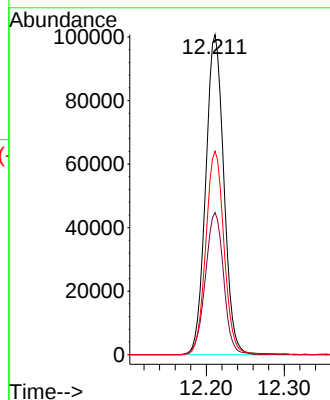
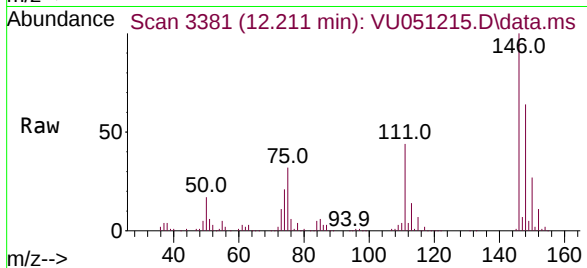
Tgt Ion:146 Resp: 163333

Ion Ratio Lower Upper

146 100

111 44.4 35.5 53.3

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.369 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051215.D

Acq: 07 Oct 2022 12:25

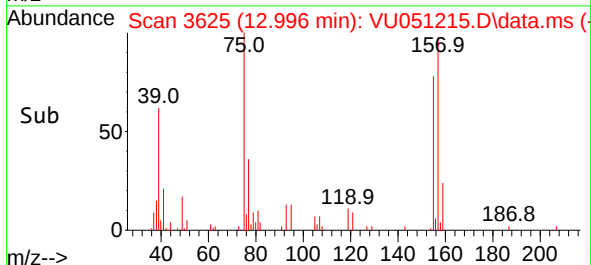
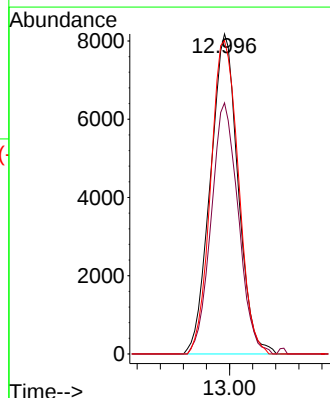
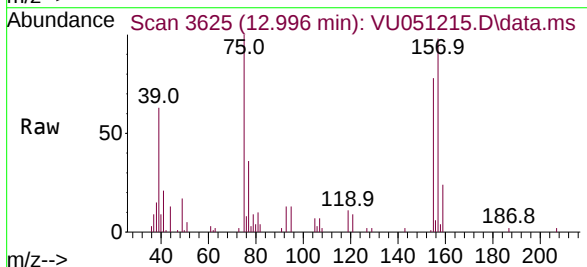
Tgt Ion: 75 Resp: 13582

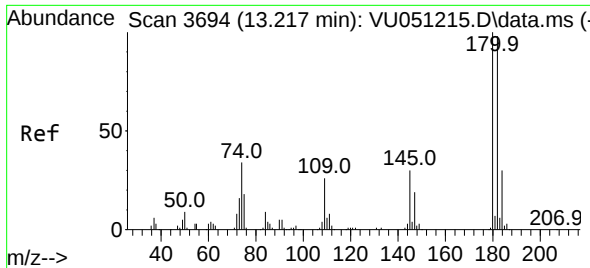
Ion Ratio Lower Upper

75 100

155 78.4 62.7 94.1

157 97.9 78.3 117.5



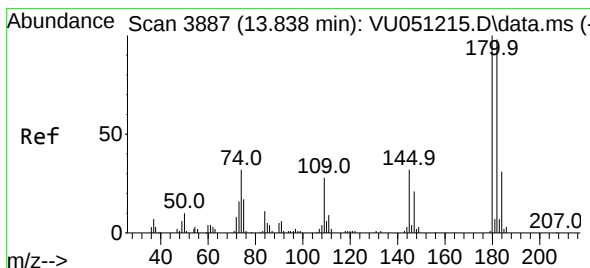
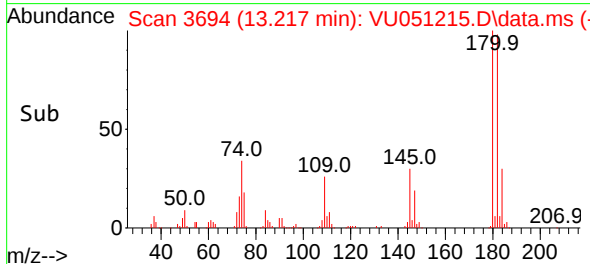
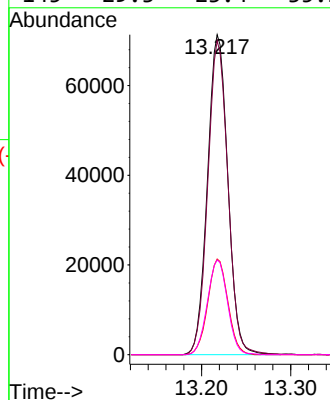
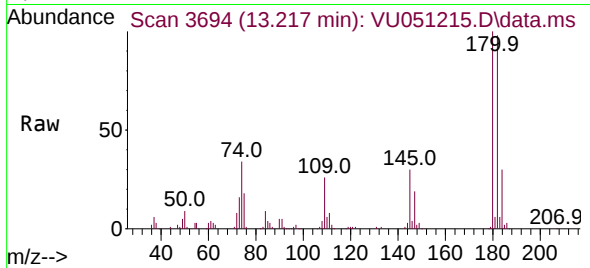


#69
 1,3,5-Trichlorobenzene
 Concen: 4.435 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005058

Tgt Ion:180 Resp: 113272

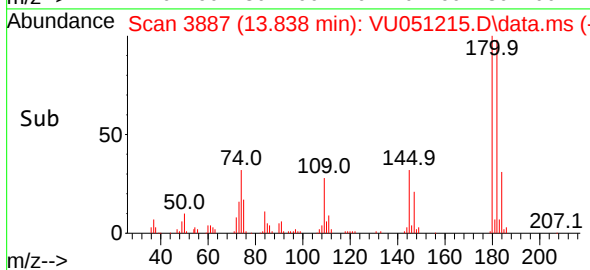
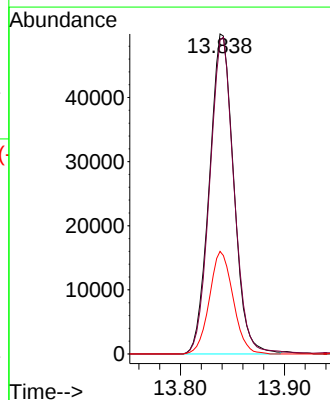
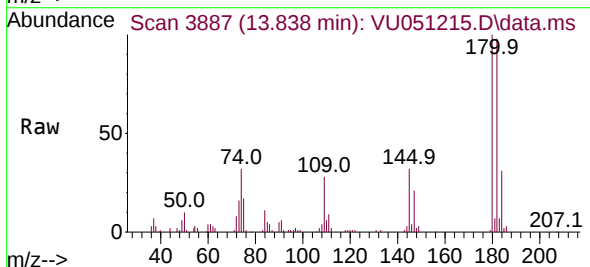
Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.7	116.5
184	29.5	23.6	35.4
145	29.3	23.4	35.2

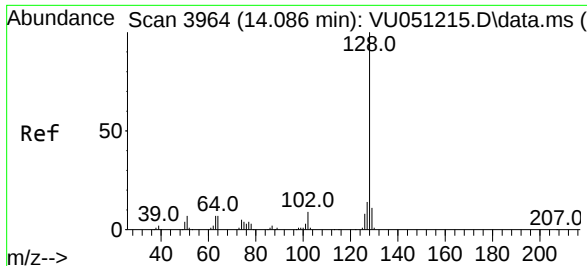


#70
 1,2,4-trichlorobenzene
 Concen: 3.861 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051215.D
 Acq: 07 Oct 2022 12:25

Tgt Ion:180 Resp: 81230

Ion	Ratio	Lower	Upper
180	100		
182	98.4	78.7	118.1
145	31.2	25.0	37.4

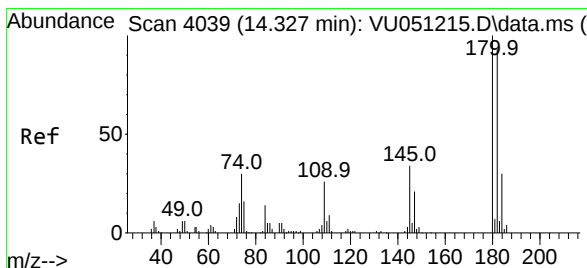
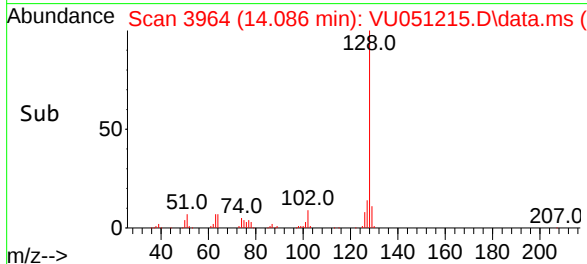
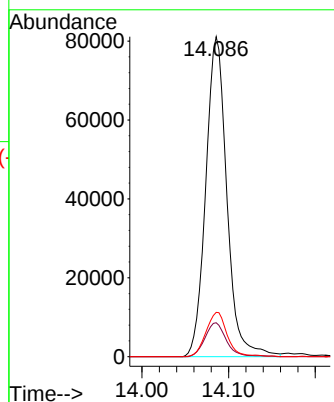
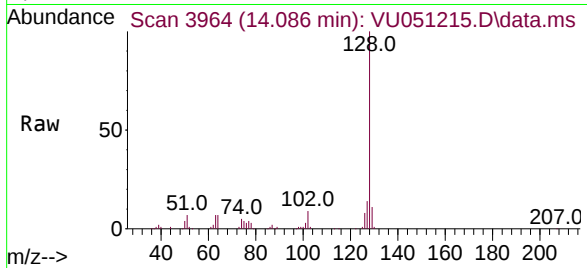




#71
Naphthalene
Concen: 3.373 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

Tgt Ion:128 Resp: 137270
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.9 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.043 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051215.D
Acq: 07 Oct 2022 12:25

Tgt Ion:180 Resp: 82334
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 32.3 25.8 38.8

