

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051217.D
 Acq On : 07 Oct 2022 13:14
 Operator : JC/MD
 Sample : VSTD02060
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020060

Quant Time: Oct 08 00:26:06 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	275239	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	281494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	392985	17.822	ug/L	0.00
7) Chloroethane-d5	1.900	69	330588	17.936	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	155751	16.135	ug/L	0.00
20) 2-Butanone-d5	4.620	46	1000545	134.554	ug/L	-0.02
24) Chloroform-d	5.060	84	740646	15.503	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	364587	13.196	ug/L	0.00
32) Benzene-d6	5.723	84	1494209	16.154	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	488378	15.390	ug/L	0.00
41) Toluene-d8	7.896	98	1419197	17.406	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	175995	15.450	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	753769	170.304	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	386118	14.542	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	471452	16.211	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	447216	16.547	ug/L	99
3) Chloromethane	1.520	50	586773	16.887	ug/L	99
5) Vinyl chloride	1.601	62	617764	20.901	ug/L	97
6) Bromomethane	1.842	94	299569	18.566	ug/L	99
8) Chloroethane	1.922	64	381294	21.833	ug/L	100
9) Trichlorofluoromethane	2.131	101	698796	19.611	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	406983	22.550	ug/L	100
12) 1,1-Dichloroethene	2.572	96	403561	22.232	ug/L	99
13) Acetone	2.626	43	723092	156.305	ug/L	97
14) Carbon disulfide	2.787	76	1232090	22.002	ug/L	99
15) Methyl Acetate	2.948	43	193157	16.753	ug/L	99
16) Methylene chloride	3.041	84	493450	12.433	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	1068940	19.048	ug/L	98
18) trans-1,2-Dichloroethene	3.347	96	439573	21.158	ug/L	98
19) 1,1-Dichloroethane	3.864	63	888636	19.895	ug/L	99
21) 2-Butanone	4.700	43	1327004	172.556	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	520092	21.854	ug/L	98
23) Bromochloromethane	4.970	128	225718	20.685	ug/L	98
25) Chloroform	5.086	83	902274	19.056	ug/L	98
27) 1,2-Dichloroethane	5.790	62	552437	17.334	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	705102	18.654	ug/L	98
30) Cyclohexane	5.385	56	711898	23.514	ug/L	97
31) Carbon tetrachloride	5.520	117	595621	19.388	ug/L	98
33) Benzene	5.771	78	2022422	20.192	ug/L	100
34) Trichloroethene	6.539	95	493510	20.439	ug/L	99
35) Methylcyclohexane	6.761	83	736485	24.897	ug/L	95
37) 1,2-Dichloropropane	6.787	63	548728	19.344	ug/L	98
38) Bromodichloromethane	7.102	83	647647	18.395	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	733438	20.105	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	3339704	176.101	ug/L	98
42) Toluene	7.967	91	2147403	21.415	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	627257	19.713	ug/L	99

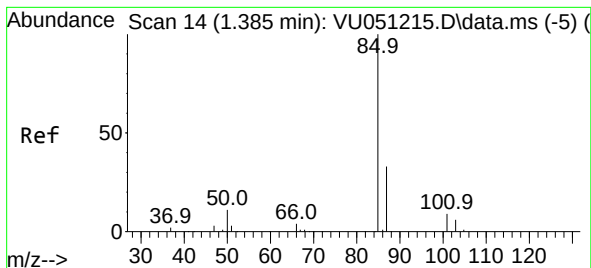
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	375963	18.514	ug/L	98
47) Tetrachloroethene	8.552	164	340688	20.539	ug/L	98
48) 2-Hexanone	8.684	43	2431254	171.424	ug/L	98
49) Dibromochloromethane	8.809	129	435992	19.389	ug/L	99
50) 1,2-Dibromoethane	8.922	107	353053	19.677	ug/L	96
51) Chlorobenzene	9.446	112	1303986	20.461	ug/L	99
52) Ethylbenzene	9.568	91	2252050	22.356	ug/L	98
53) m,p-Xylene	9.690	106	867533	23.138	ug/L	99
54) o-Xylene	10.099	106	849545	23.141	ug/L	99
55) Styrene	10.112	104	1475287	23.454	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	471075	18.183	ug/L	99
59) Bromoform	10.288	173	237163	19.065	ug/L	100
60) Isopropylbenzene	10.481	105	2173452	23.066	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	344912	18.161	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	588056	8.558	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	1813555	23.966	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	948098	20.203	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	934119	20.061	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	924255	19.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	77898	18.663	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	655093	19.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	549632	19.457	ug/L	98
71) Naphthalene	14.082	128	1219010	22.312	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	574799	21.023	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 16.547 ug/L

RT: 1.382 min Scan# 11

Delta R.T. -0.003 min

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MSVOA_U

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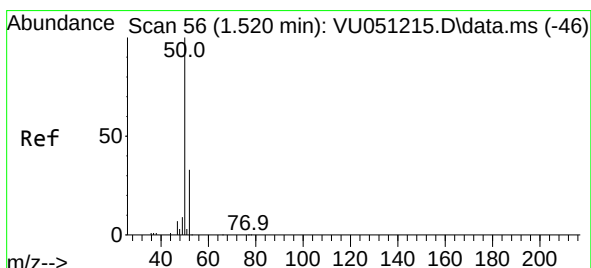
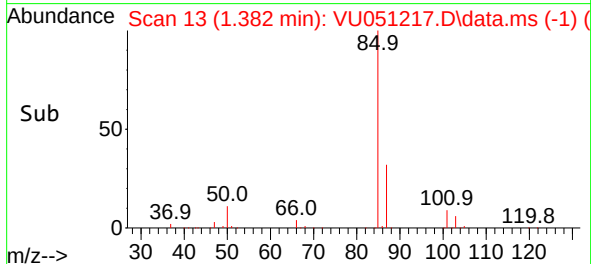
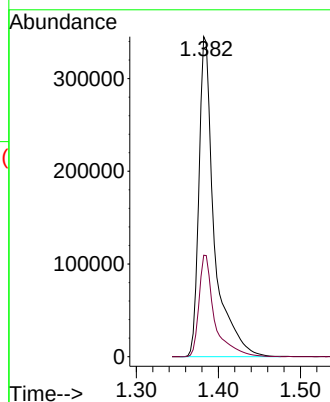
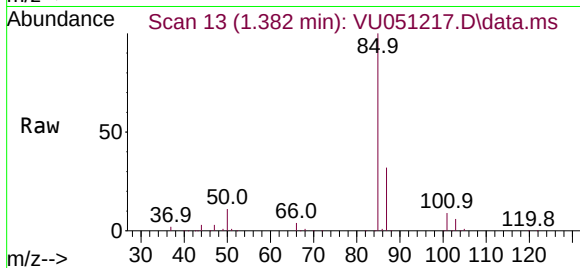
VSTD020060

Tgt Ion: 85 Resp: 447216

Ion Ratio Lower Upper

85 100

87 32.1 26.2 39.4



#3

Chloromethane

Concen: 16.887 ug/L

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

Lab File: VU051217.D

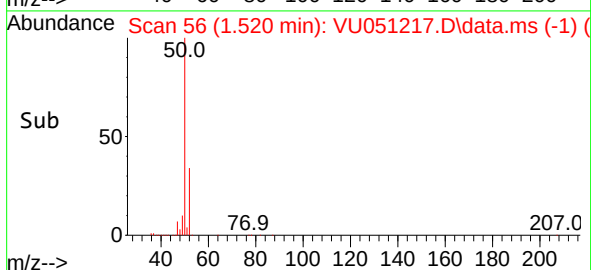
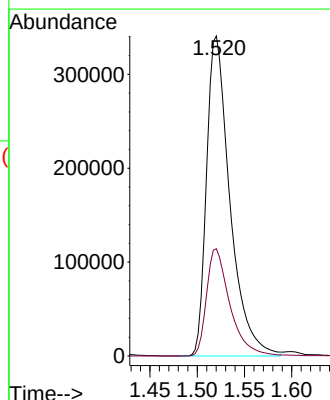
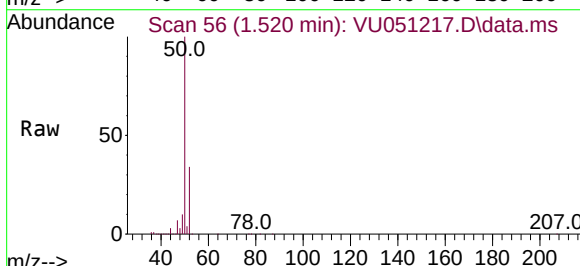
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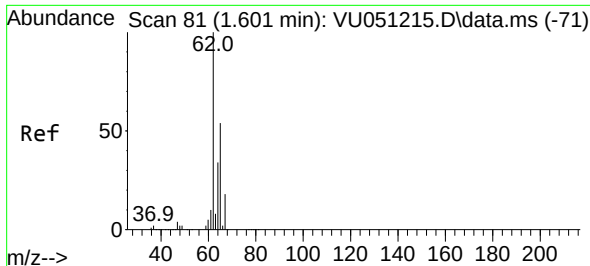
Tgt Ion: 50 Resp: 586773

Ion Ratio Lower Upper

50 100

52 33.5 22.9 42.5

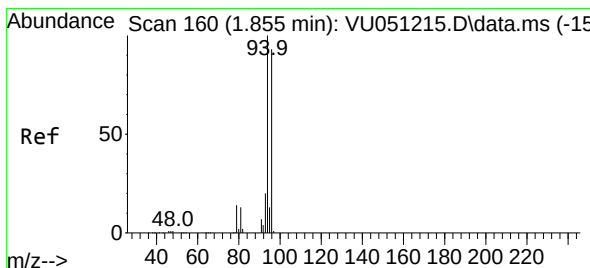
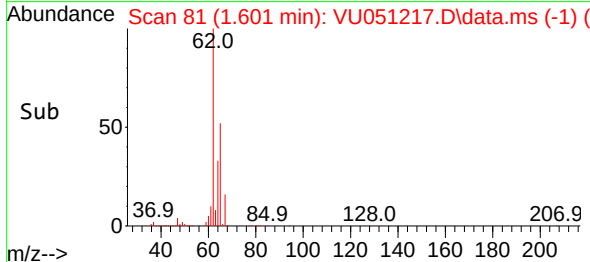
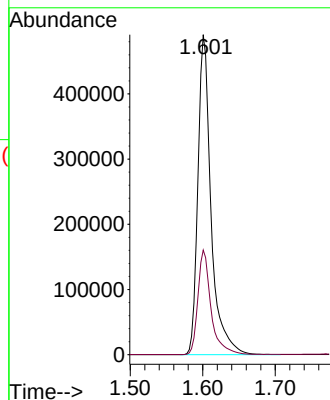
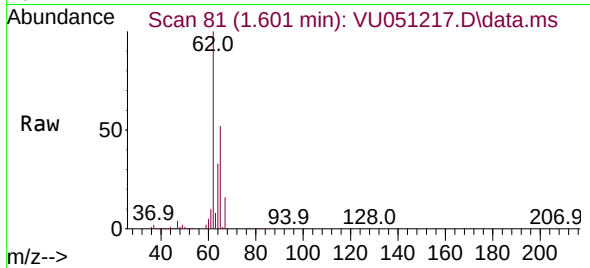




#5
 Vinyl chloride
 Concen: 20.901 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

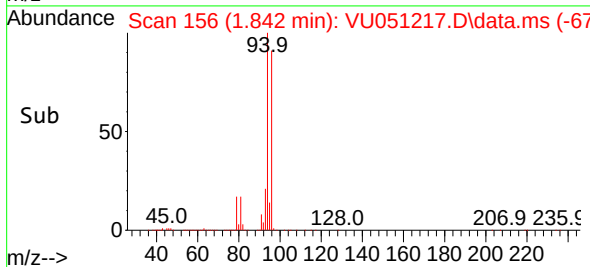
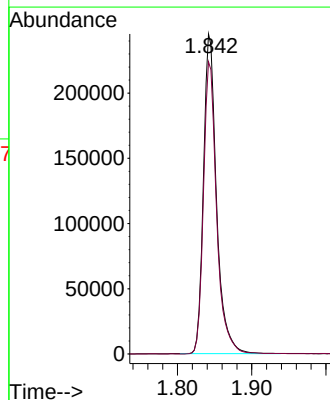
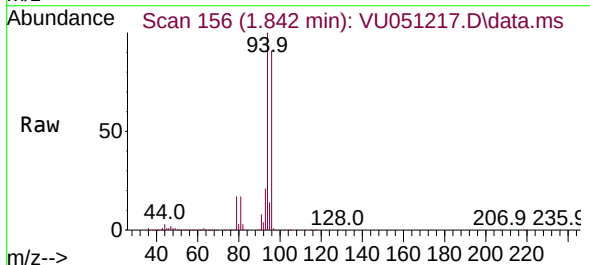
Instrument :
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 ClientSampleId :
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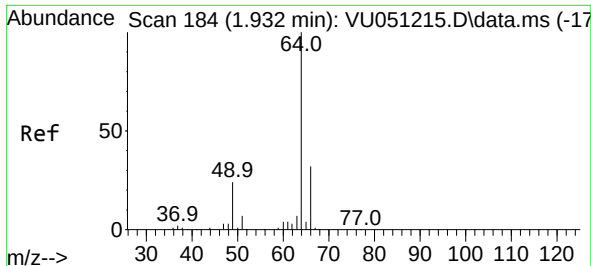
Tgt Ion: 62 Resp: 617764
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.0 44.6



#6
 Bromomethane
 Concen: 18.566 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.013 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

Tgt Ion: 94 Resp: 299569
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.9 120.5

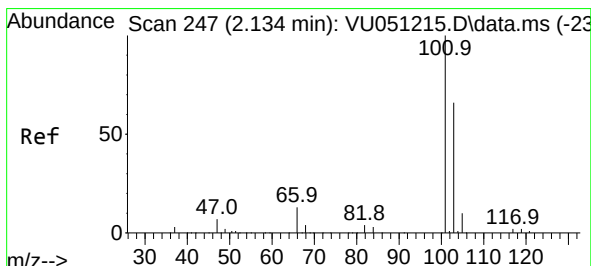
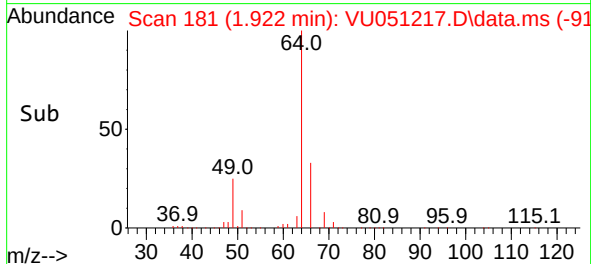
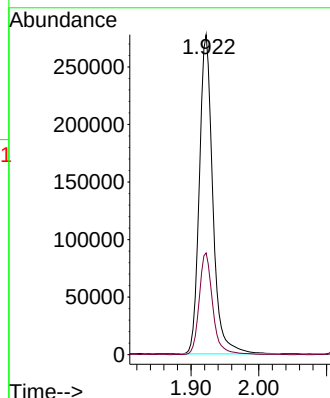
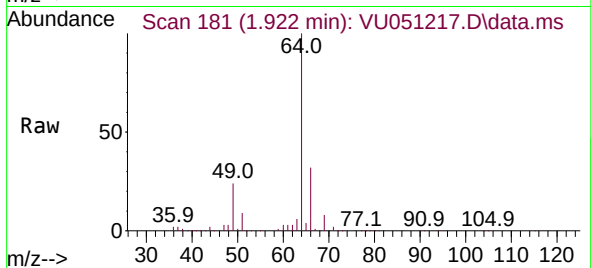




#8
Chloroethane
Concen: 21.833 ug/L
RT: 1.922 min Scan# 184
Delta R.T. -0.010 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

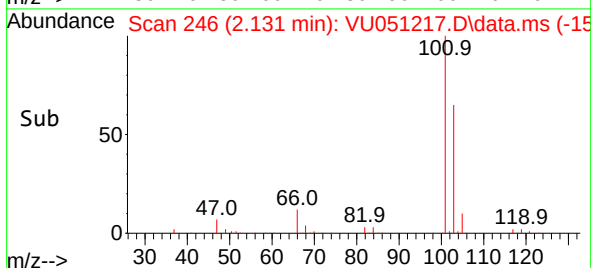
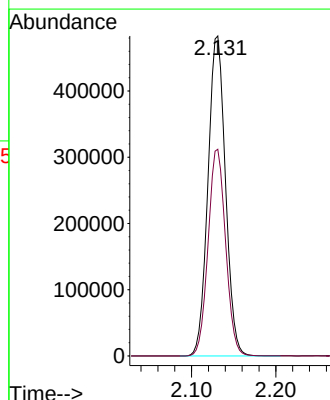
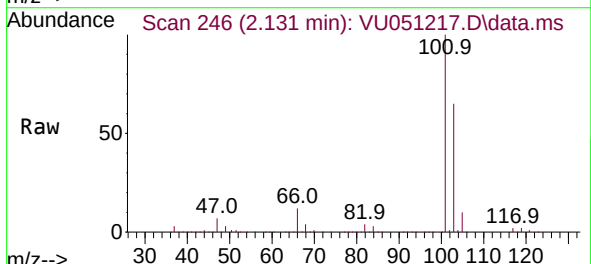
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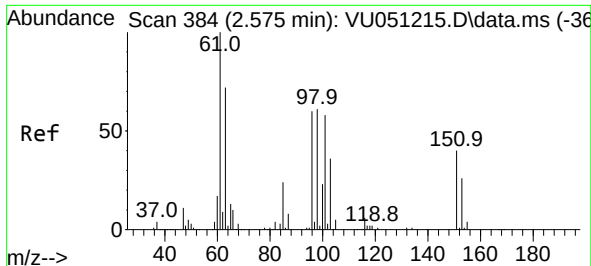
Tgt Ion: 64 Resp: 381294
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.611 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:101 Resp: 698796
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

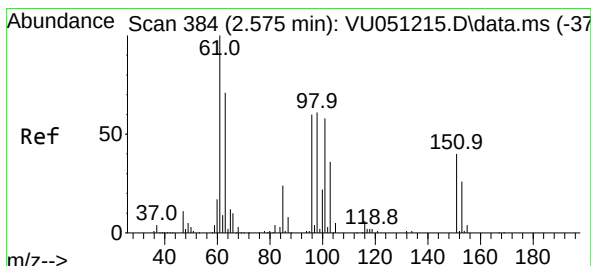
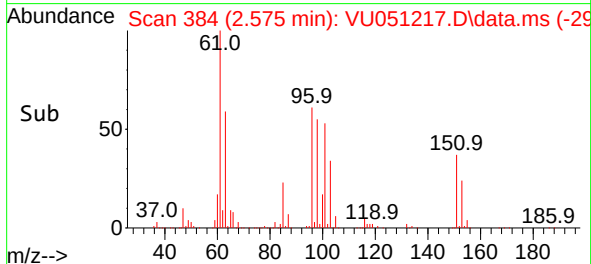
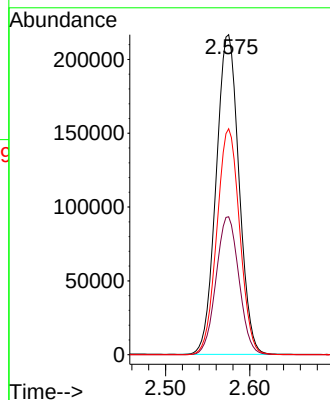
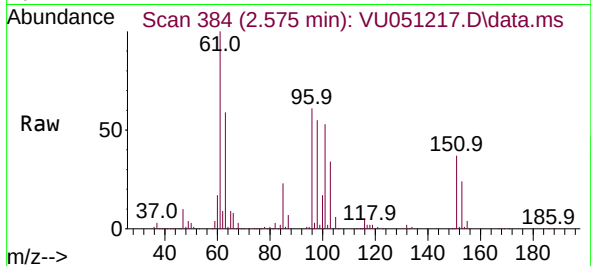




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.550 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

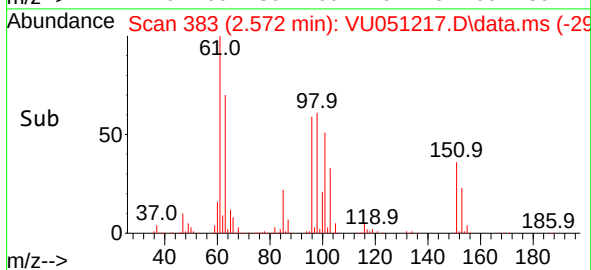
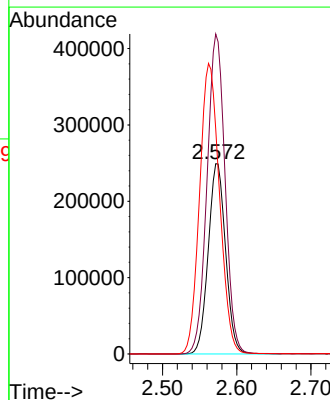
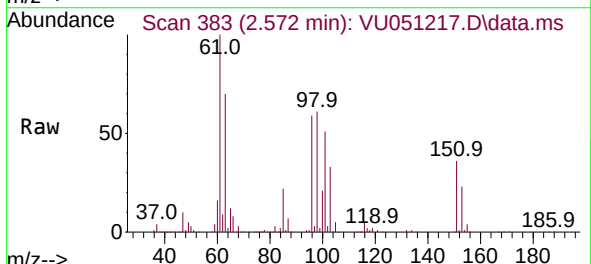
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

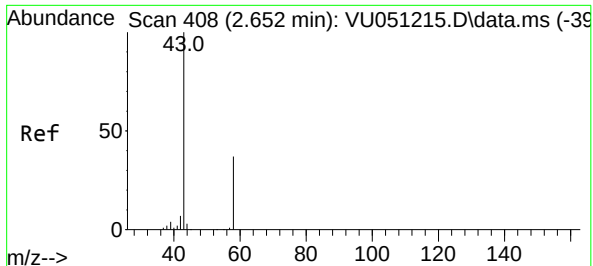
Tgt Ion:101 Resp: 406983
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 70.7 56.5 84.7



#12
1,1-Dichloroethene
Concen: 22.232 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 96 Resp: 403561
Ion Ratio Lower Upper
96 100
61 168.1 117.6 218.4
63 118.3 85.2 158.2





#13

Acetone

Concen: 156.305 ug/L

RT: 2.626 min Scan# 408

Delta R.T. -0.026 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

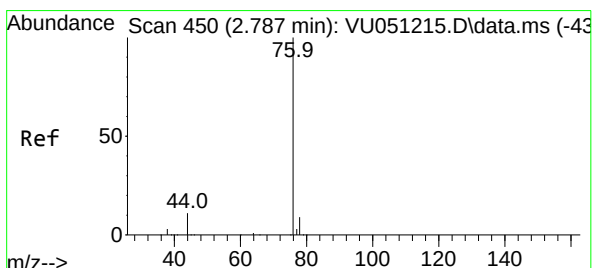
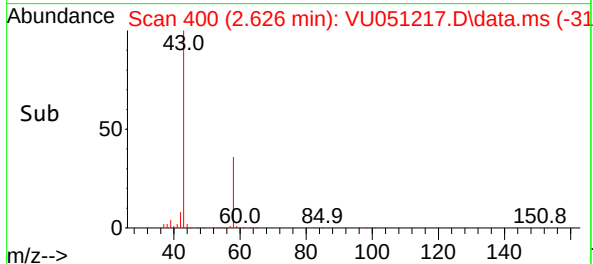
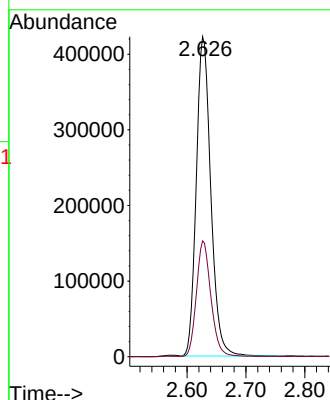
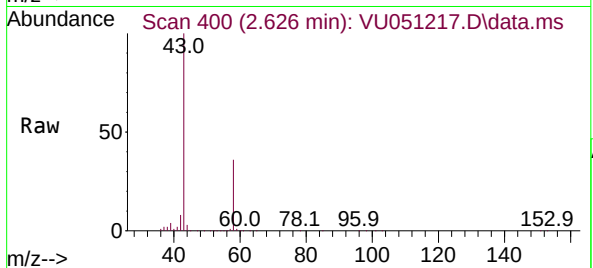
VSTD020060

Tgt Ion: 43 Resp: 723092

Ion Ratio Lower Upper

43 100

58 36.0 0.0 68.8



#14

Carbon disulfide

Concen: 22.002 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU051217.D

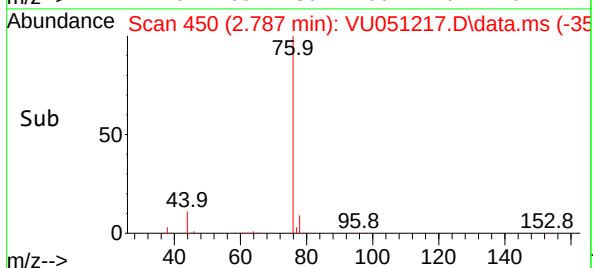
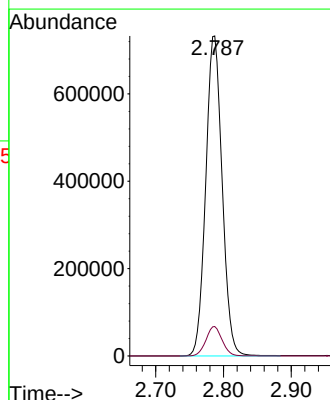
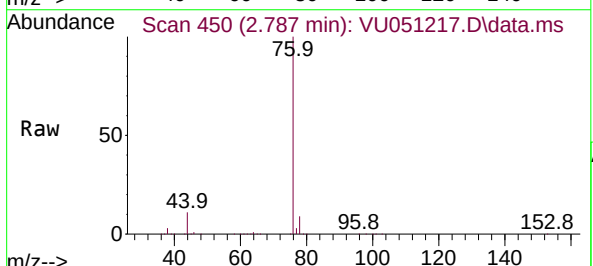
Acq: 07 Oct 2022 13:14

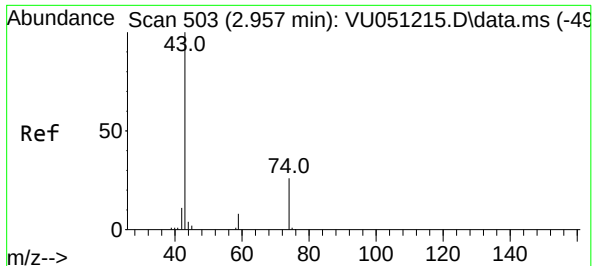
Tgt Ion: 76 Resp: 1232090

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

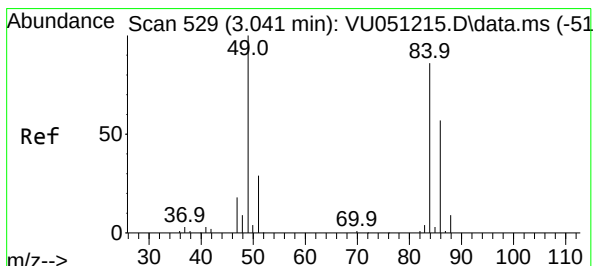
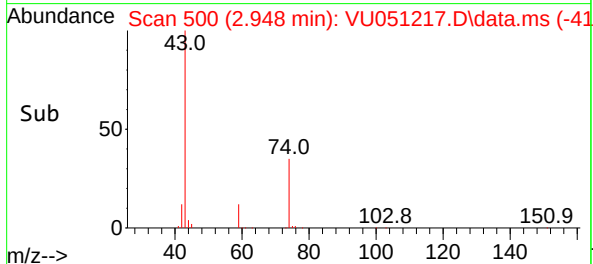
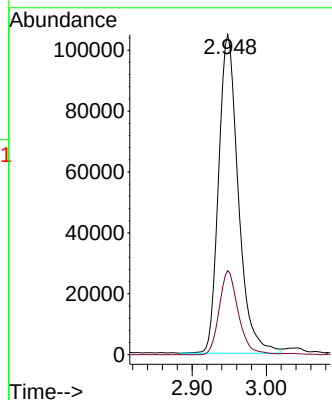
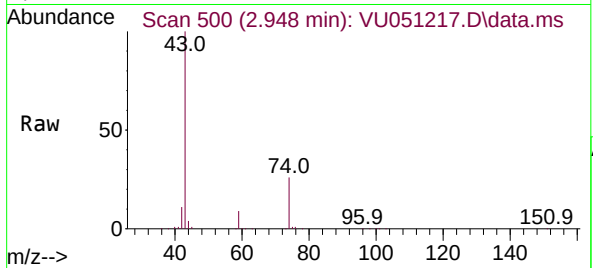




#15
Methyl Acetate
Concen: 16.753 ug/L
RT: 2.948 min Scan# 503
Delta R.T. -0.010 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

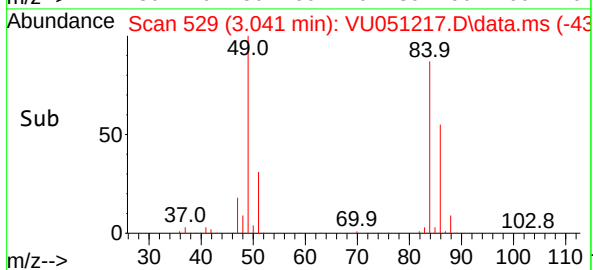
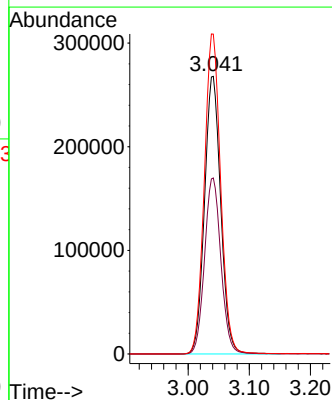
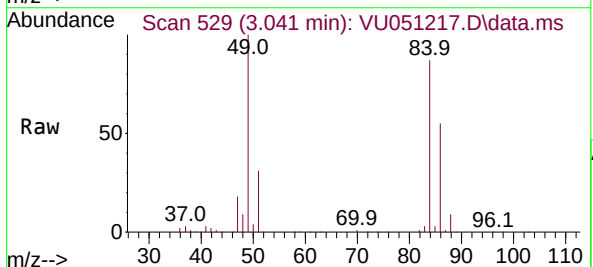
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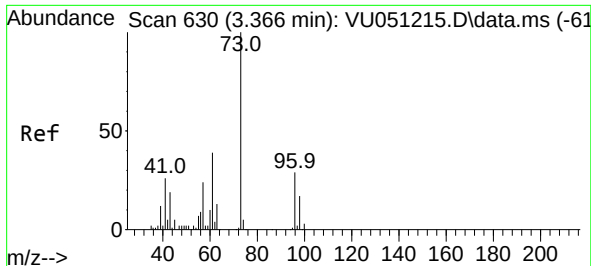
Tgt Ion: 43 Resp: 193157
Ion Ratio Lower Upper
43 100
74 25.5 20.0 30.0



#16
Methylene chloride
Concen: 12.433 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 84 Resp: 493450
Ion Ratio Lower Upper
84 100
86 63.4 46.5 86.3
49 115.2 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 19.048 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

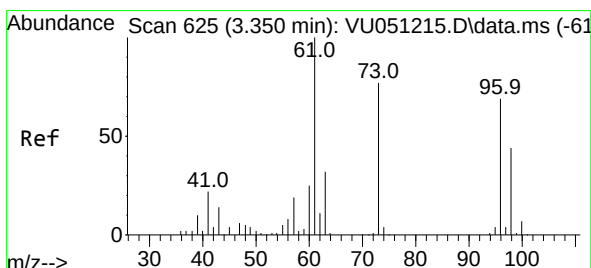
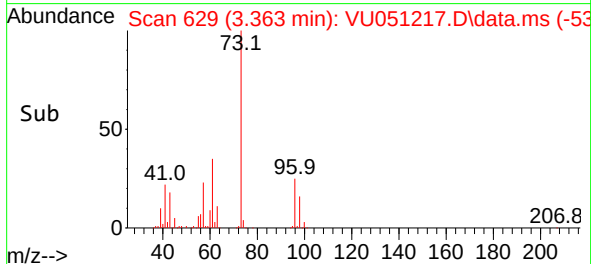
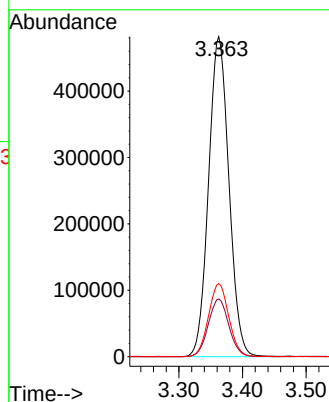
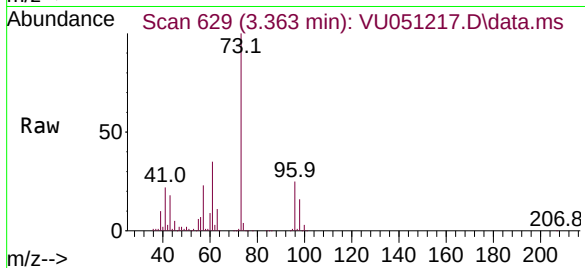
MSVOA_U

ClientSampleId :

VSTD020060

Tgt Ion: 73 Resp: 1068940

Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.4	23.0
57	22.8	18.9	28.3



#18

trans-1,2-Dichloroethene

Concen: 21.158 ug/L

RT: 3.347 min Scan# 624

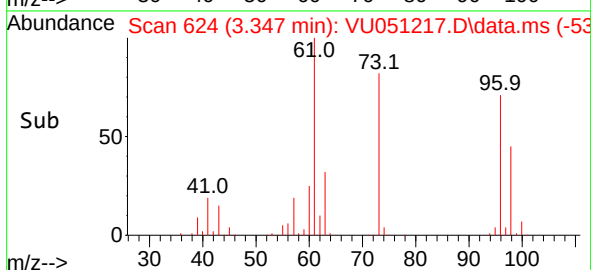
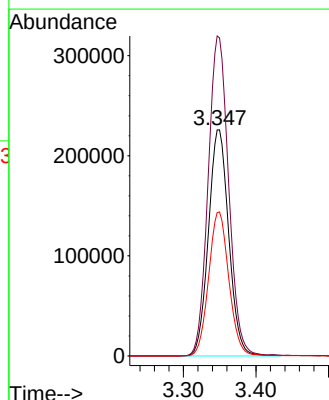
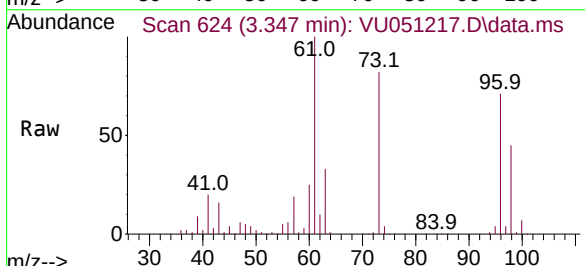
Delta R.T. -0.003 min

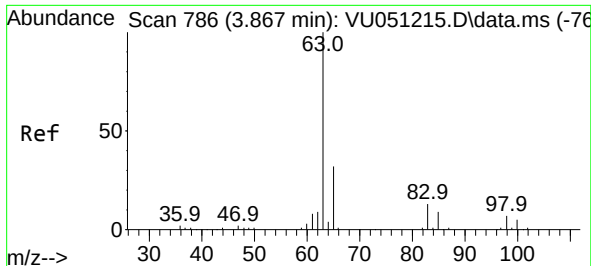
Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Tgt Ion: 96 Resp: 439573

Ion	Ratio	Lower	Upper
96	100		
61	141.5	101.4	188.2
98	63.4	44.9	83.5





#19

1,1-Dichloroethane

Concen: 19.895 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD020060

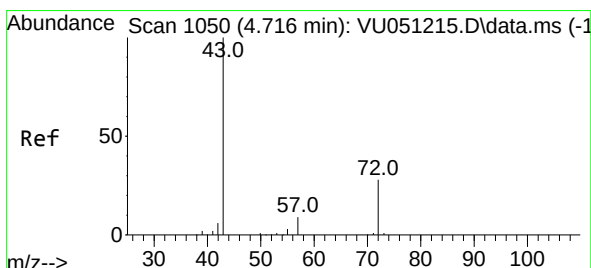
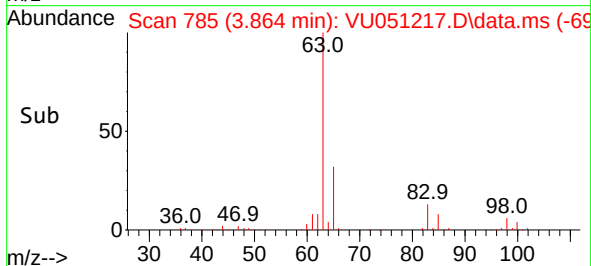
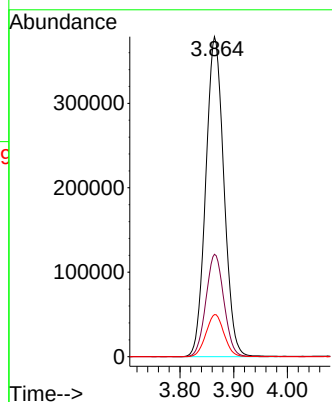
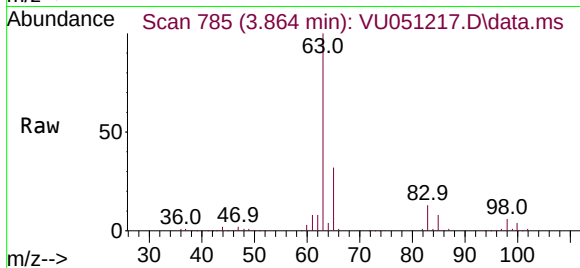
Tgt Ion: 63 Resp: 888636

Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 13.2 9.0 16.6



#21

2-Butanone

Concen: 172.556 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.016 min

Lab File: VU051217.D

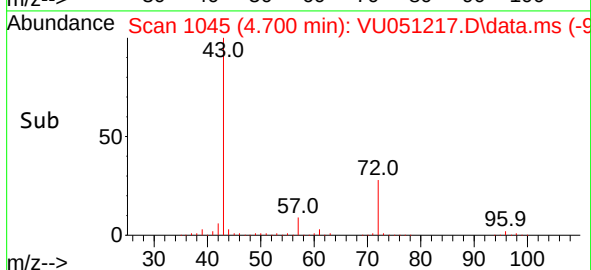
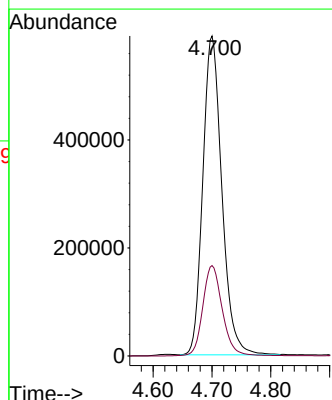
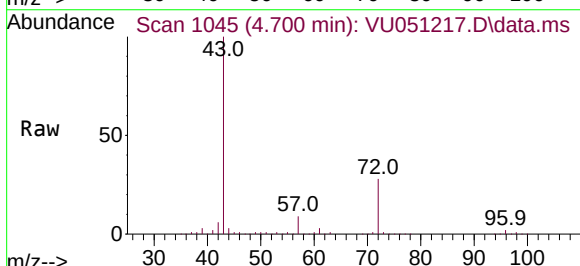
Acq: 07 Oct 2022 13:14

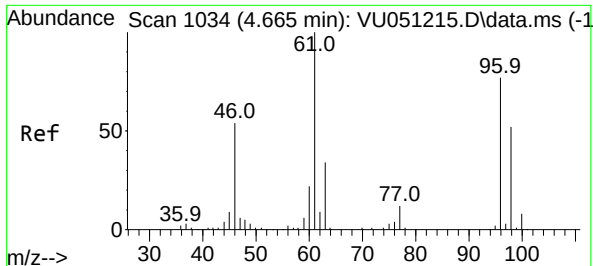
Tgt Ion: 43 Resp: 1327004

Ion Ratio Lower Upper

43 100

72 29.2 13.8 41.4

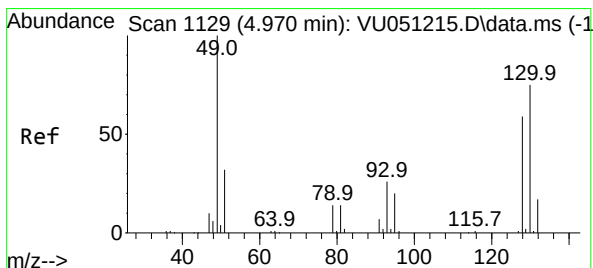
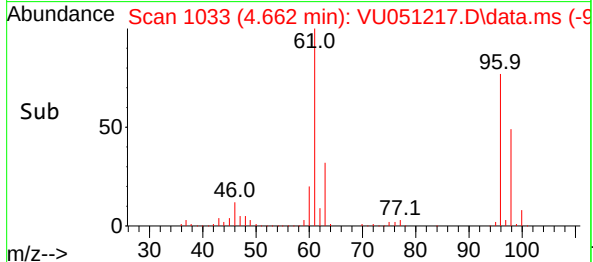
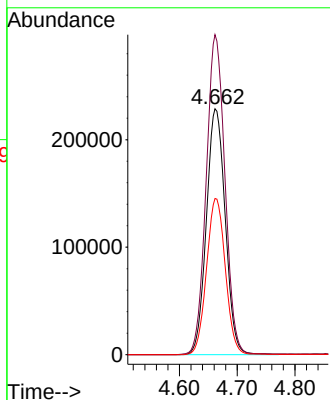
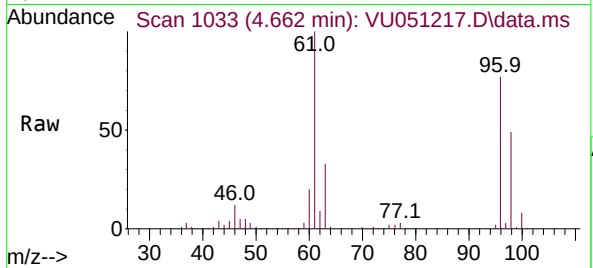




#22
 cis-1,2-Dichloroethene
 Concen: 21.854 ug/L
 RT: 4.662 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

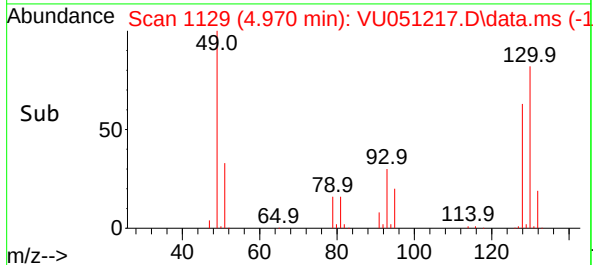
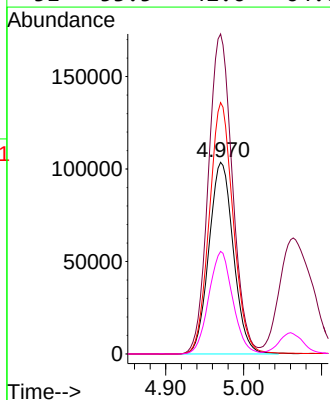
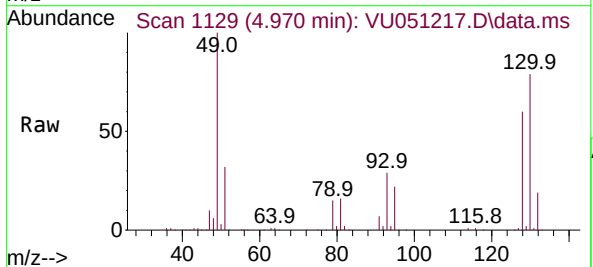
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020060

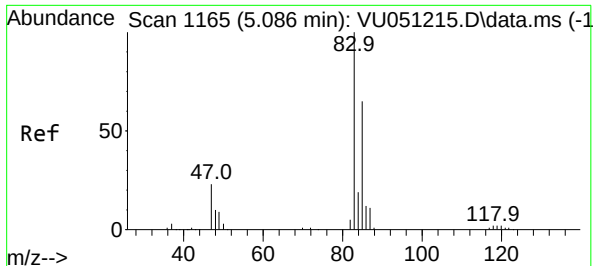
Tgt Ion: 96 Resp: 520092
 Ion Ratio Lower Upper
 96 100
 61 130.1 90.6 168.2
 98 63.5 47.5 88.3



#23
 Bromochloromethane
 Concen: 20.685 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

Tgt Ion: 128 Resp: 225718
 Ion Ratio Lower Upper
 128 100
 49 166.9 118.0 219.2
 130 131.1 88.8 164.8
 51 53.5 42.6 64.0





#25

Chloroform

Concen: 19.056 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

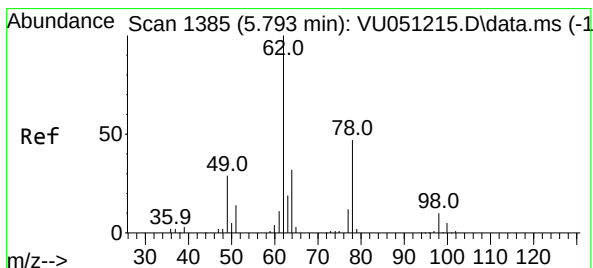
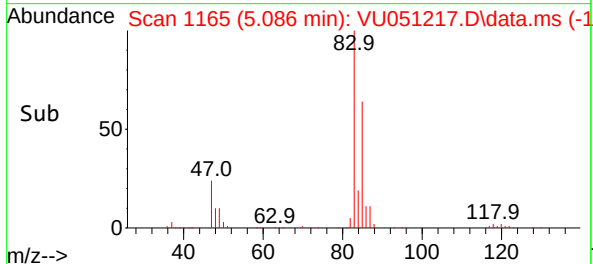
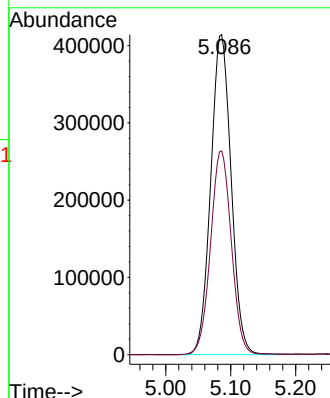
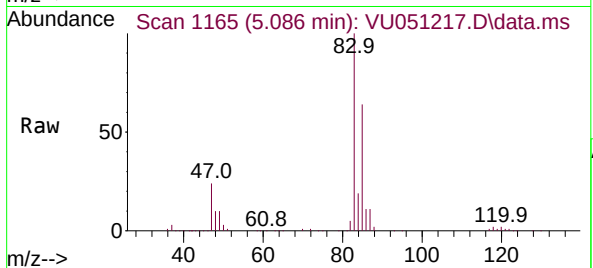
VSTD020060

Tgt Ion: 83 Resp: 902274

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 17.334 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051217.D

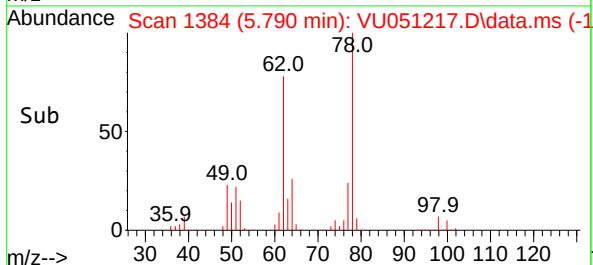
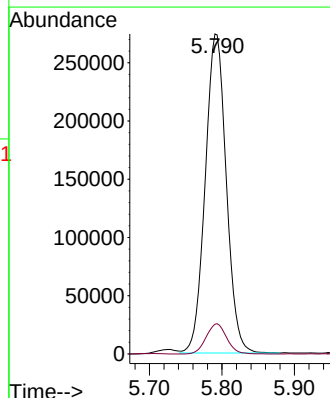
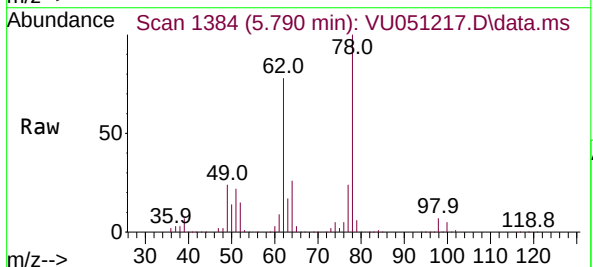
Acq: 07 Oct 2022 13:14

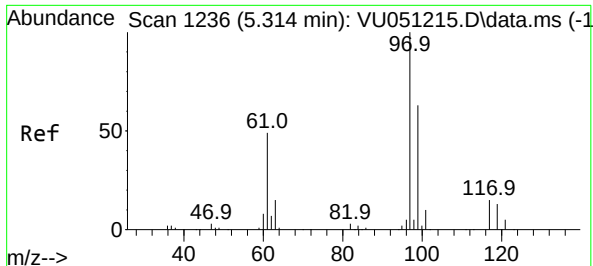
Tgt Ion: 62 Resp: 552437

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 18.654 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD020060

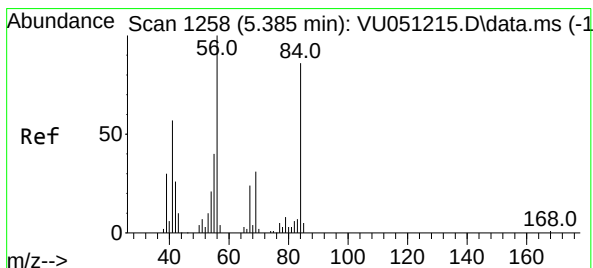
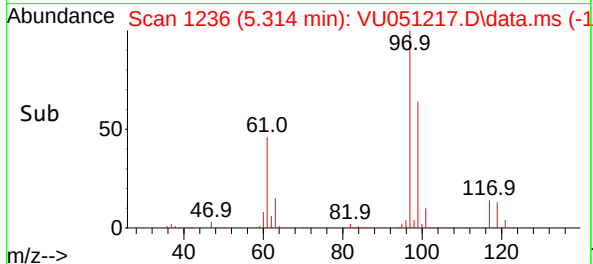
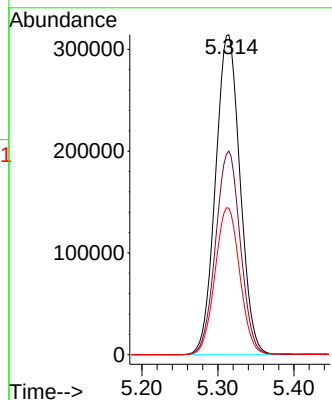
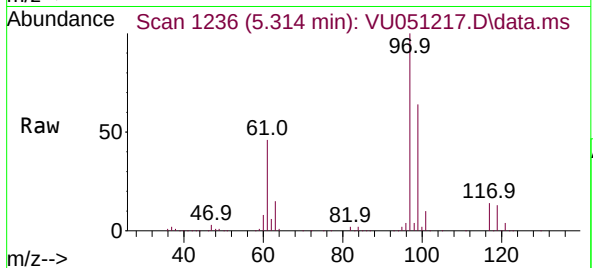
Tgt Ion: 97 Resp: 705102

Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.4

61 46.4 38.7 58.1



#30

Cyclohexane

Concen: 23.514 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

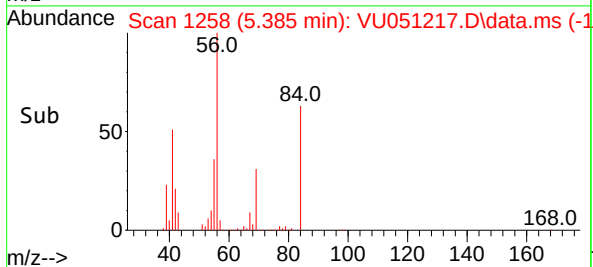
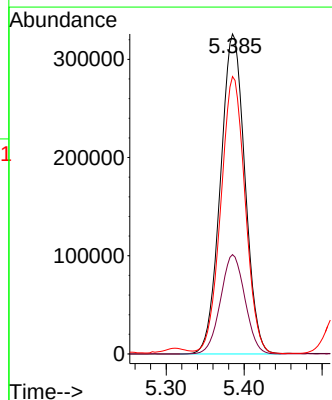
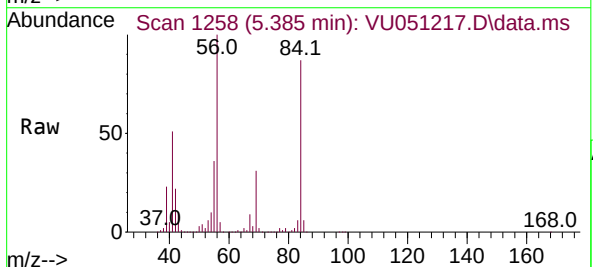
Tgt Ion: 56 Resp: 711898

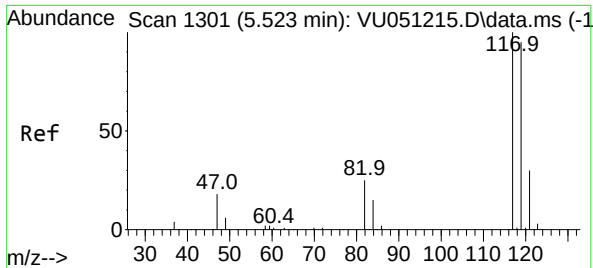
Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 85.7 70.9 106.3

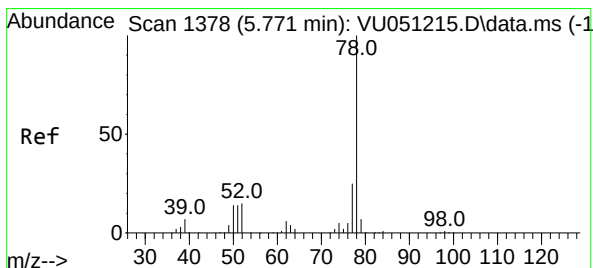
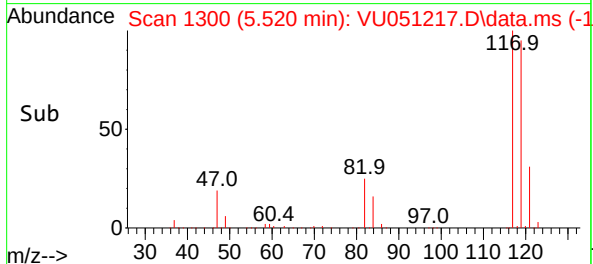
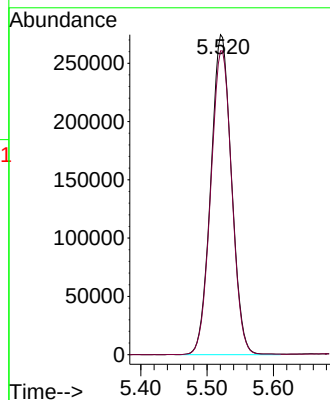
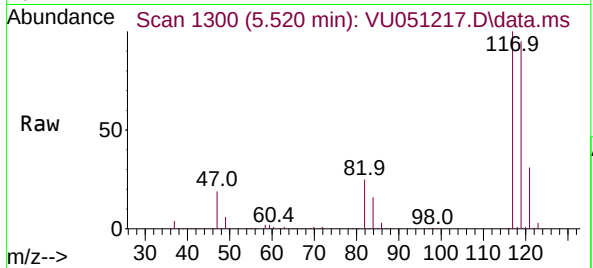




#31
Carbon tetrachloride
Concen: 19.388 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

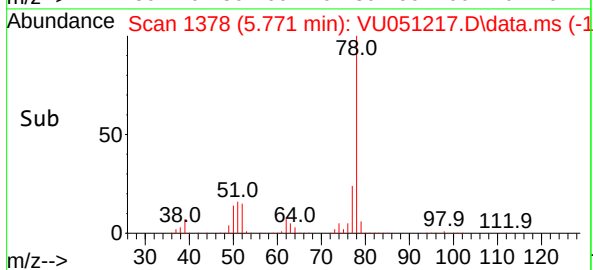
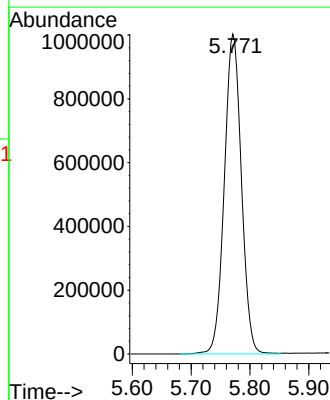
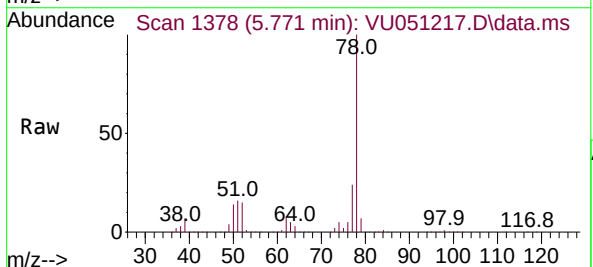
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

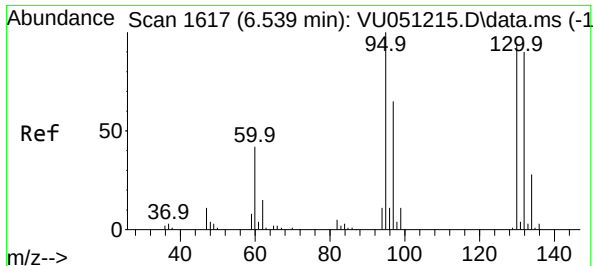
Tgt Ion:117 Resp: 595621
Ion Ratio Lower Upper
117 100
119 96.2 78.4 117.6



#33
Benzene
Concen: 20.192 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 78 Resp: 2022422

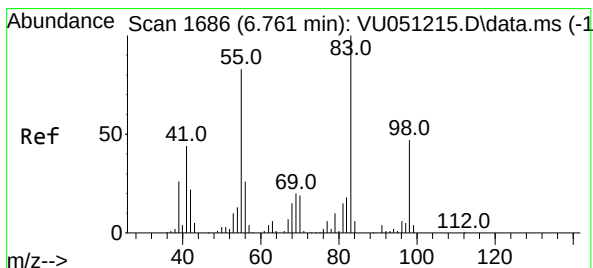
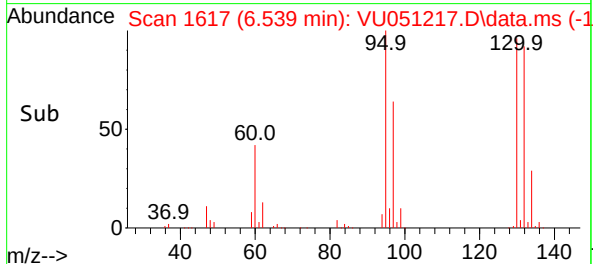
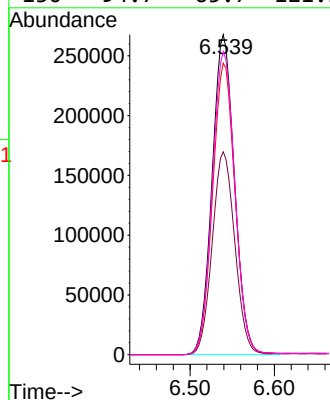
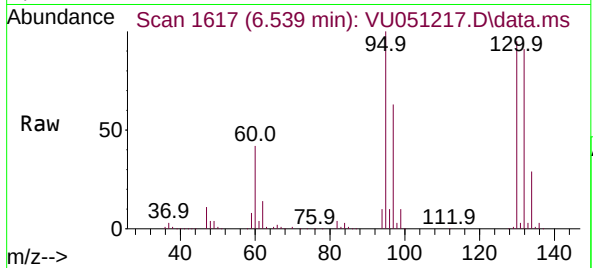




#34
Trichloroethene
Concen: 20.439 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

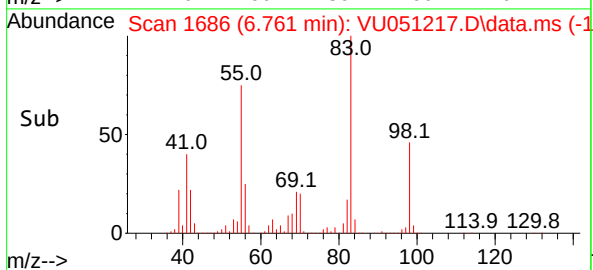
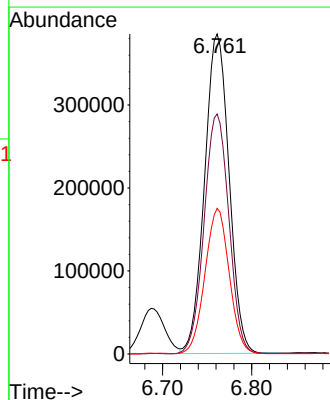
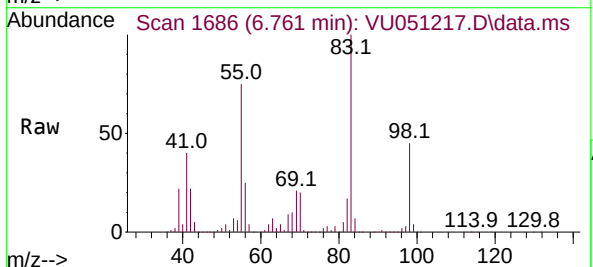
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

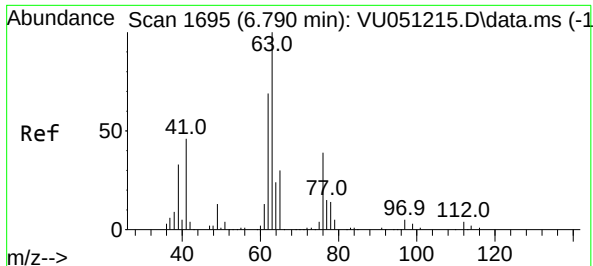
Tgt Ion: 95 Resp: 493510
Ion Ratio Lower Upper
95 100
97 63.4 45.4 84.2
132 91.1 63.1 117.3
130 94.7 65.7 121.9



#35
Methylcyclohexane
Concen: 24.897 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 83 Resp: 736485
Ion Ratio Lower Upper
83 100
55 75.9 65.8 98.6
98 45.0 35.9 53.9





#37

1,2-Dichloropropane

Concen: 19.344 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

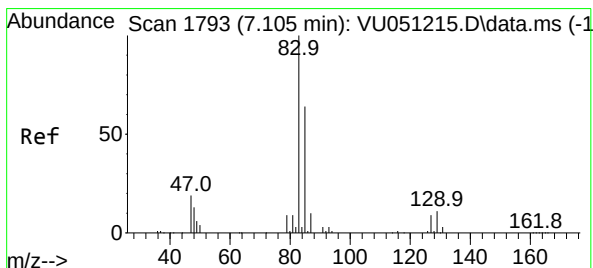
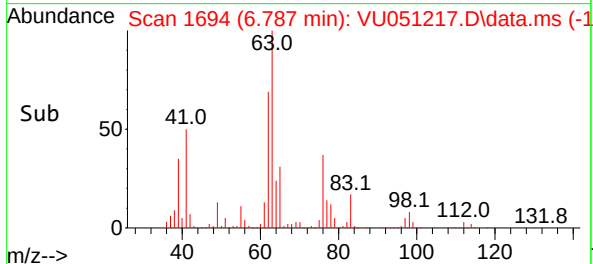
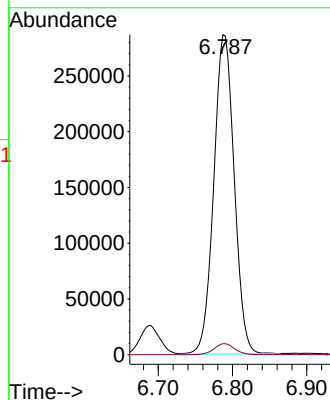
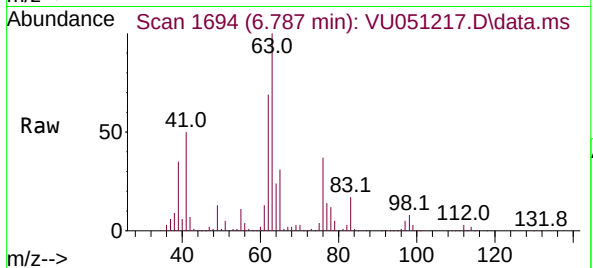
VSTD020060

Tgt Ion: 63 Resp: 548728

Ion Ratio Lower Upper

63 100

112 3.5 3.2 4.8



#38

Bromodichloromethane

Concen: 18.395 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

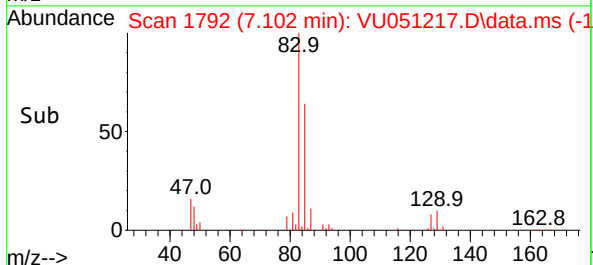
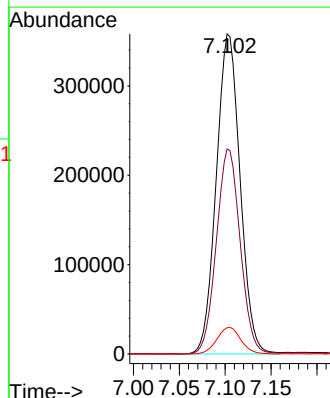
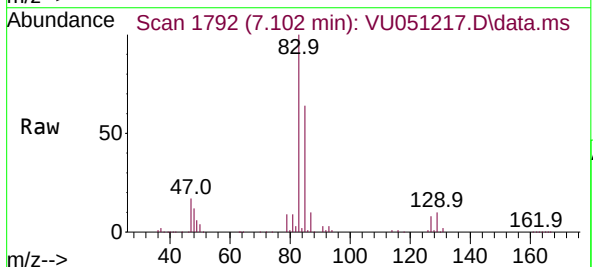
Tgt Ion: 83 Resp: 647647

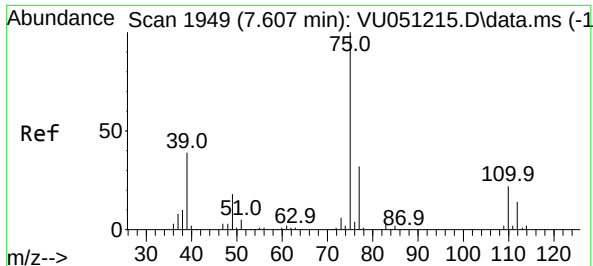
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 20.105 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

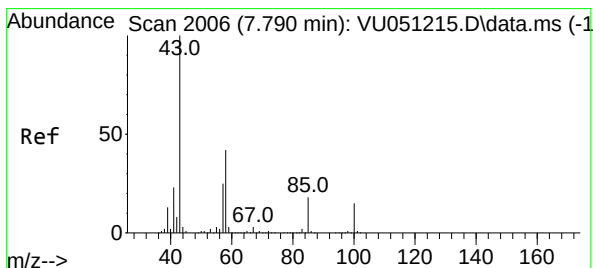
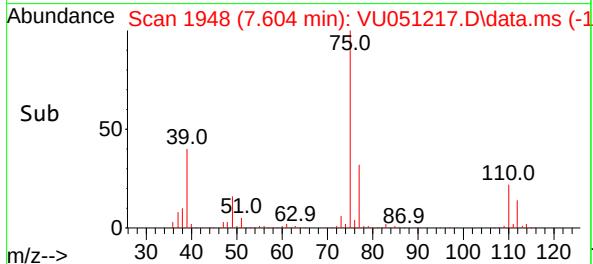
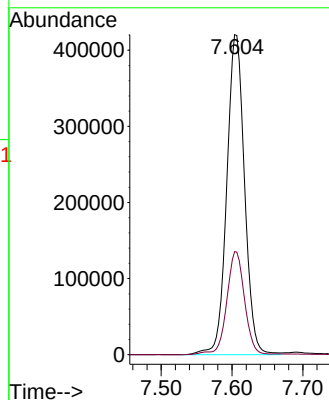
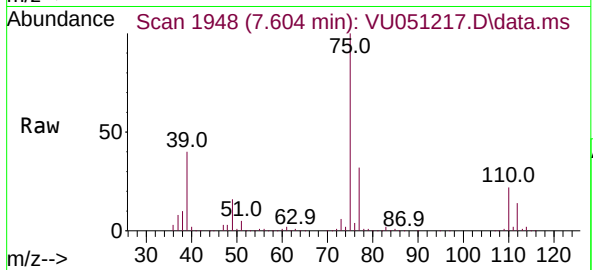
VSTD020060

Tgt Ion: 75 Resp: 733438

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 176.101 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

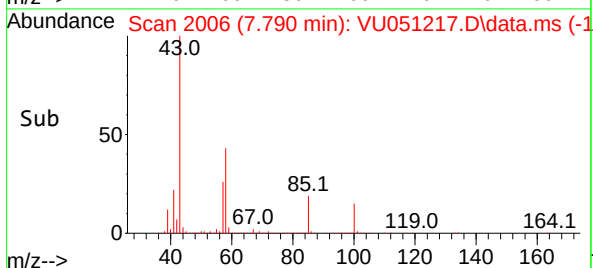
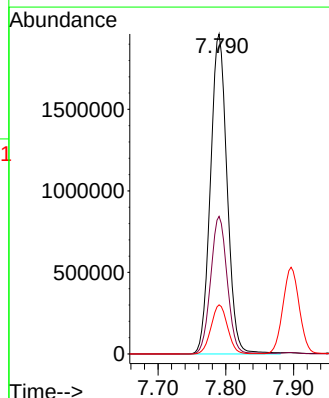
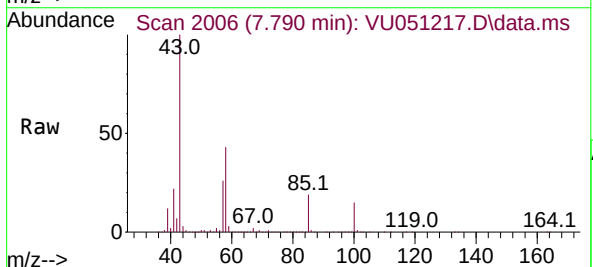
Tgt Ion: 43 Resp: 3339704

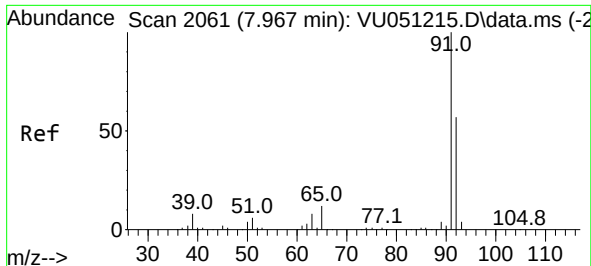
Ion Ratio Lower Upper

43 100

58 43.0 33.0 49.6

100 15.3 11.8 17.6





#42

Toluene

Concen: 21.415 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

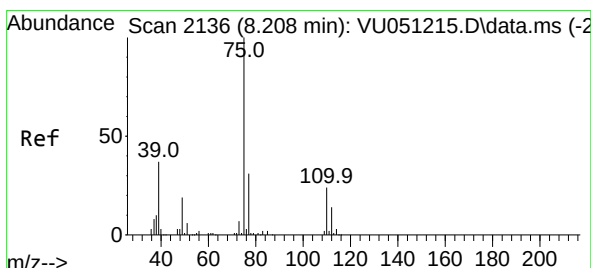
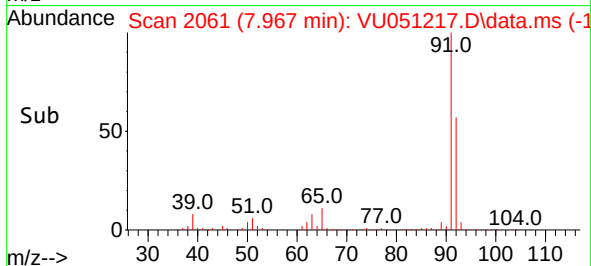
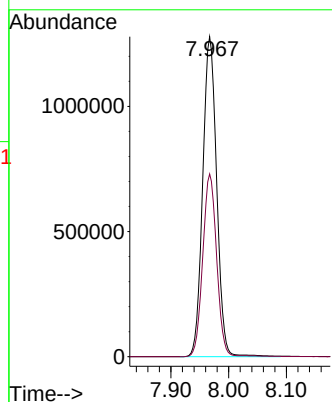
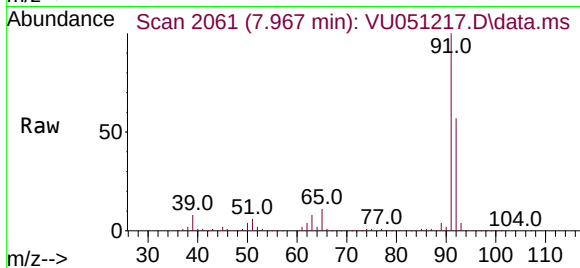
VSTD020060

Tgt Ion: 91 Resp: 2147403

Ion Ratio Lower Upper

91 100

92 57.1 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 19.713 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051217.D

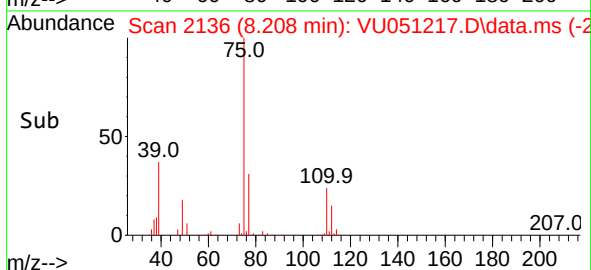
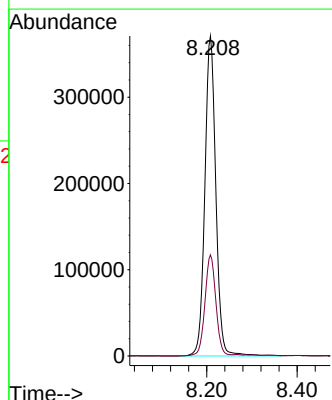
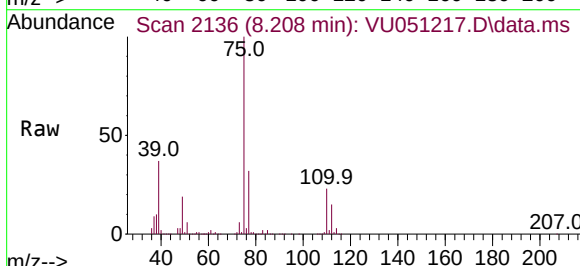
Acq: 07 Oct 2022 13:14

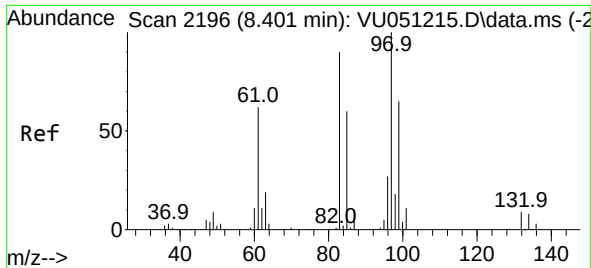
Tgt Ion: 75 Resp: 627257

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



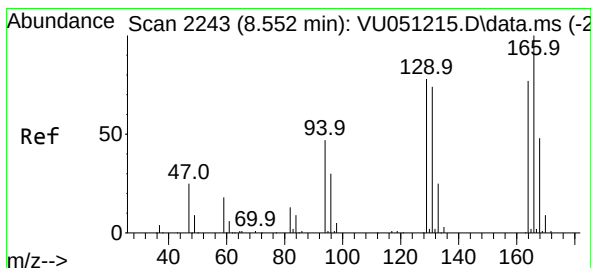
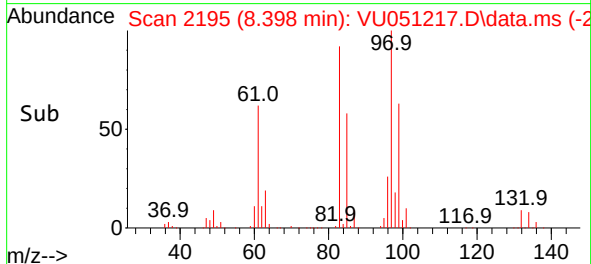
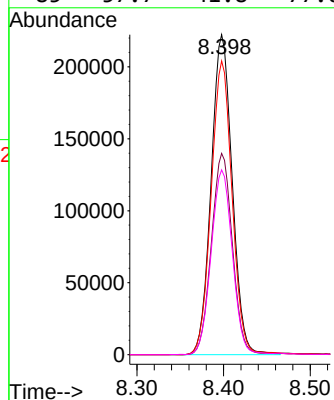
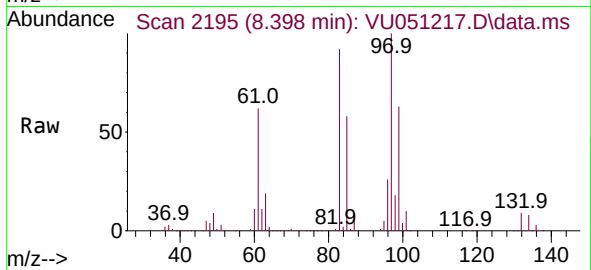


#45
1,1,2-Trichloroethane
Concen: 18.514 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

Tgt Ion: 97 Resp: 375963

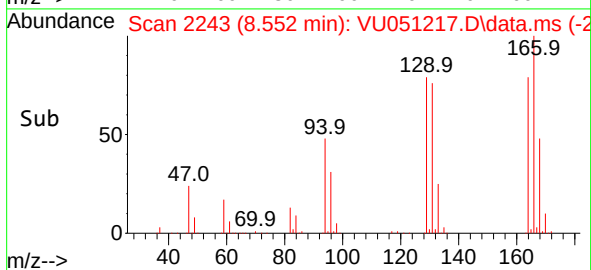
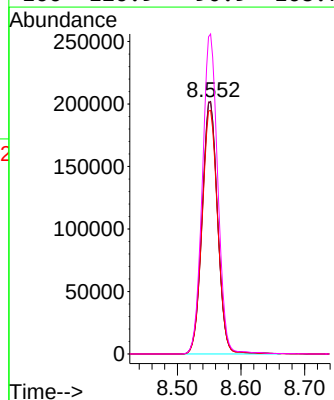
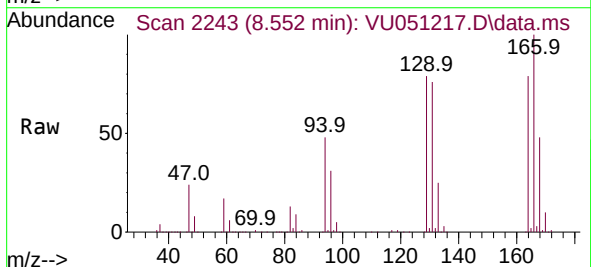
Ion	Ratio	Lower	Upper
97	100		
99	62.9	45.3	84.1
83	91.8	63.1	117.1
85	57.7	41.8	77.6

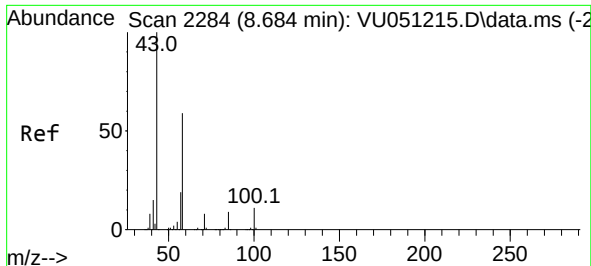


#47
Tetrachloroethene
Concen: 20.539 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 164 Resp: 340688

Ion	Ratio	Lower	Upper
164	100		
129	99.9	71.3	132.3
131	96.6	66.9	124.3
166	126.9	90.9	168.7



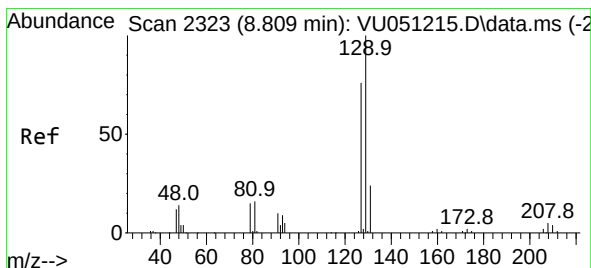
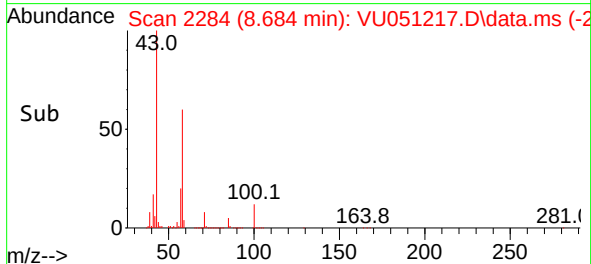
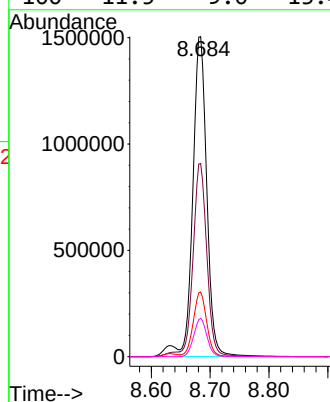
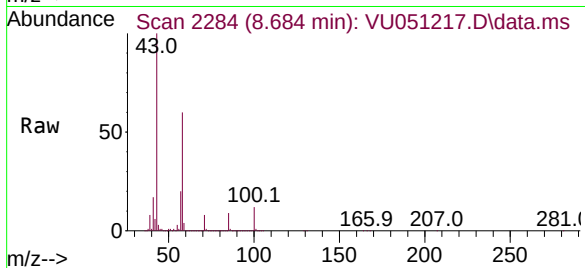


#48
2-Hexanone
Concen: 171.424 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

Tgt Ion: 43 Resp: 2431254

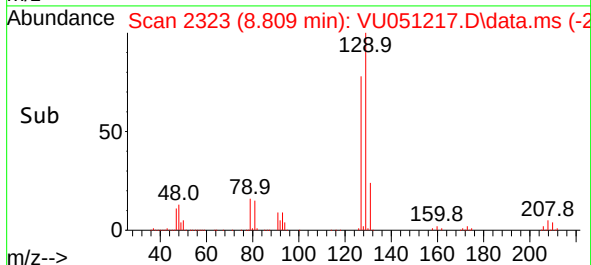
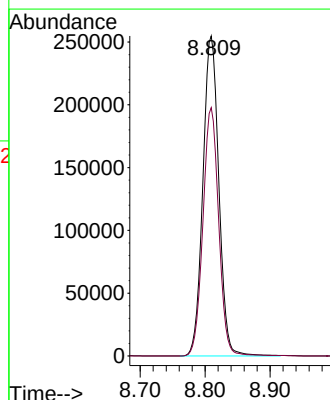
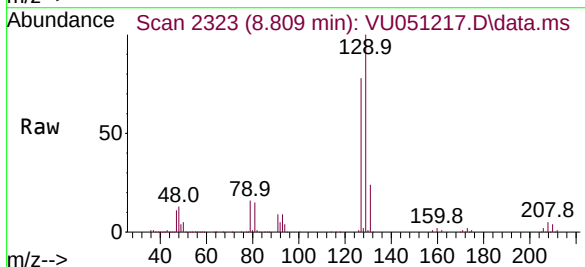
Ion	Ratio	Lower	Upper
43	100		
58	61.8	48.2	72.2
57	19.8	15.5	23.3
100	11.5	9.0	13.4

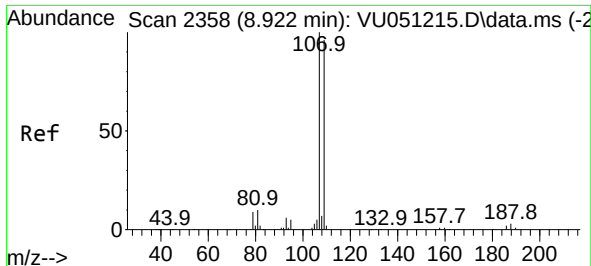


#49
Dibromochloromethane
Concen: 19.389 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 129 Resp: 435992

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.5	99.3

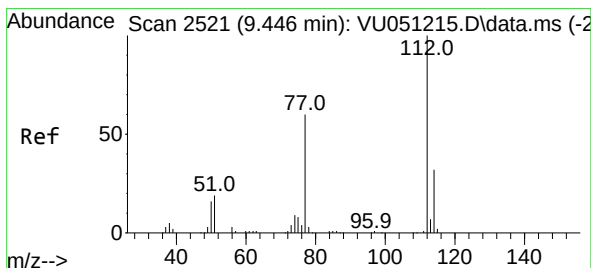
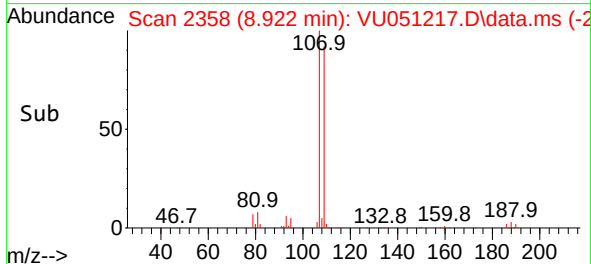
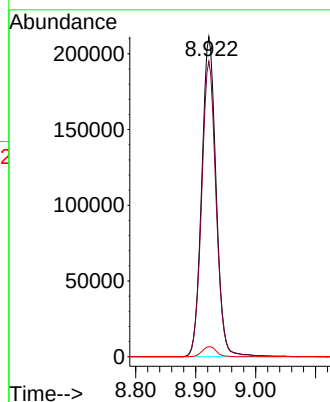
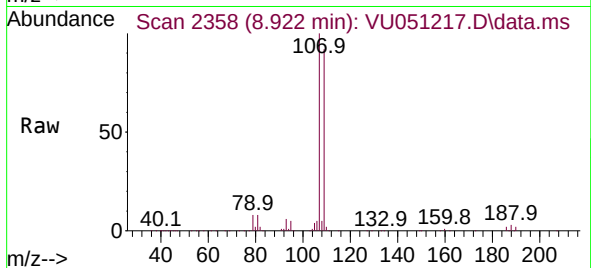




#50
1,2-Dibromoethane
Concen: 19.677 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

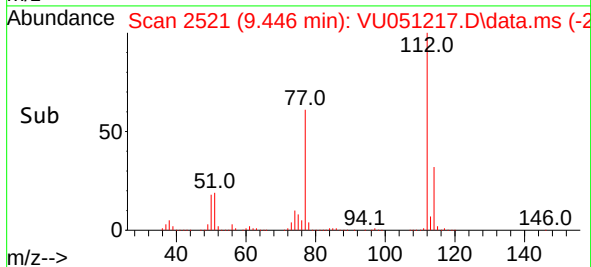
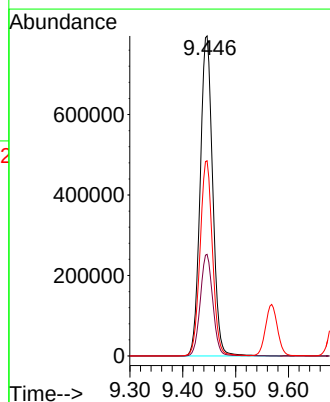
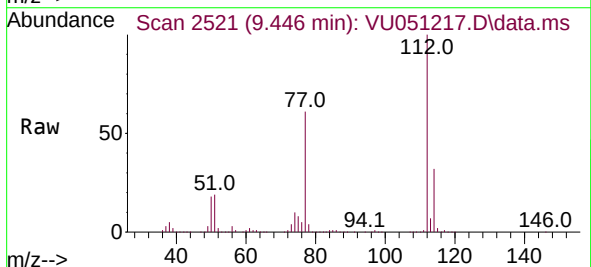
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

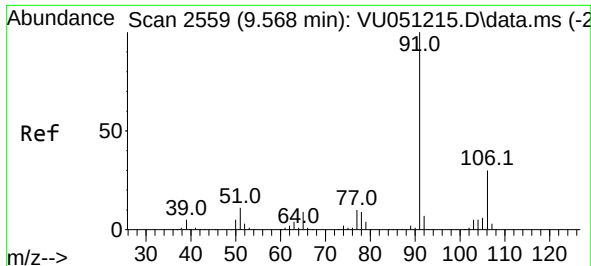
Tgt Ion:107 Resp: 353053
Ion Ratio Lower Upper
107 100
109 92.3 67.1 124.7
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 20.461 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:112 Resp: 1303986
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 61.0 48.1 72.1

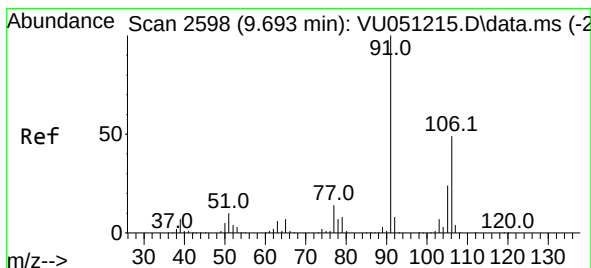
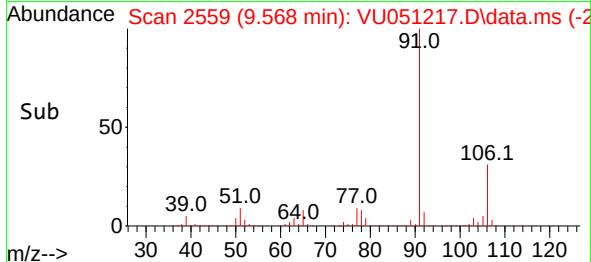
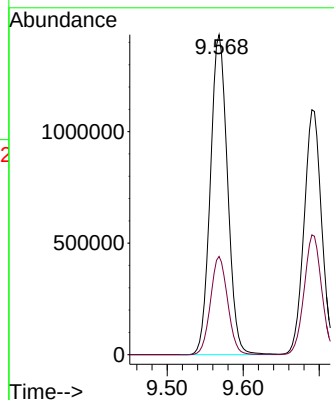
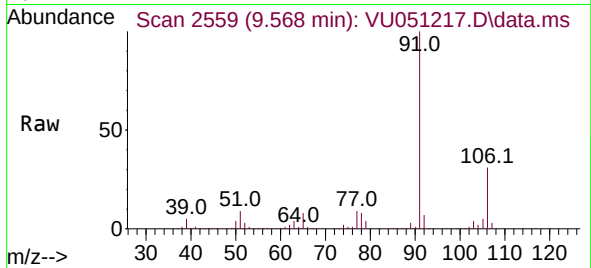




#52
Ethylbenzene
Concen: 22.356 ug/L
RT: 9.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

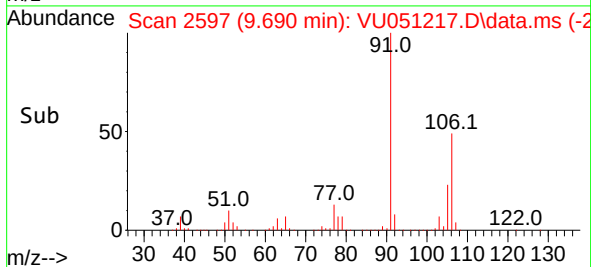
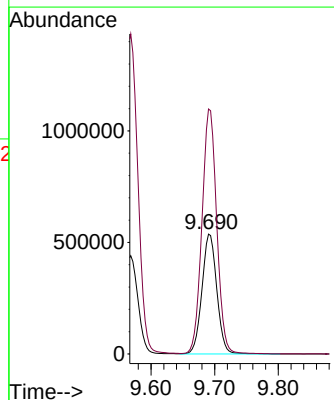
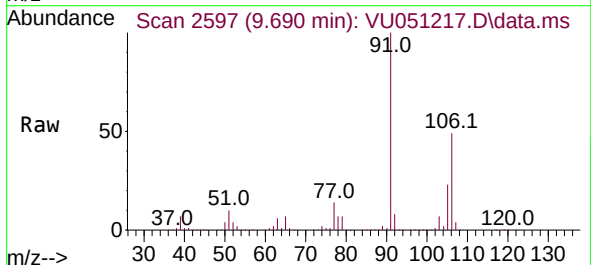
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

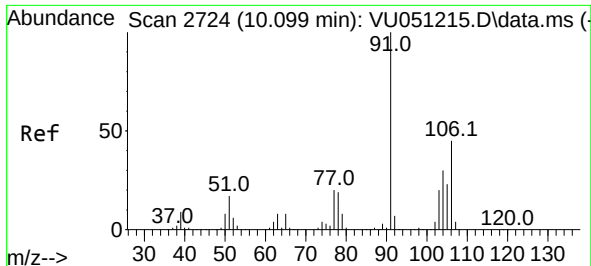
Tgt Ion: 91 Resp: 2252050
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 23.138 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 106 Resp: 867533
Ion Ratio Lower Upper
106 100
91 204.4 143.9 267.3

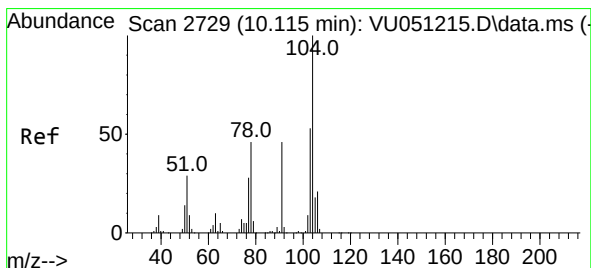
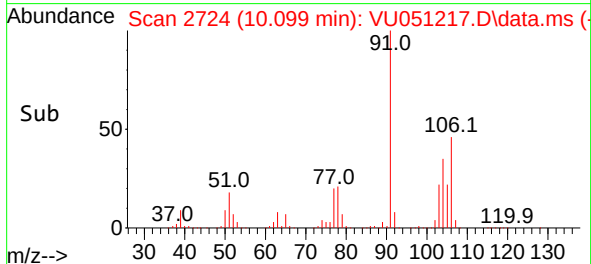
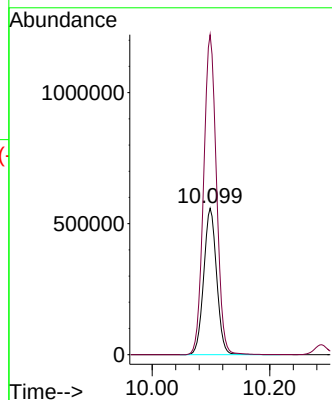
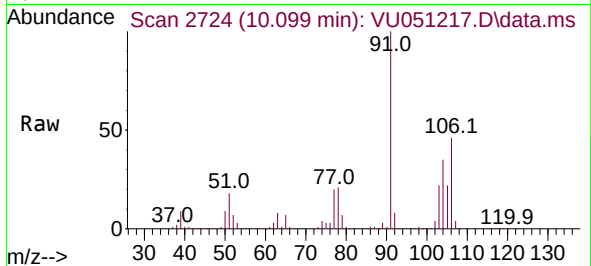




#54
o-Xylene
Concen: 23.141 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

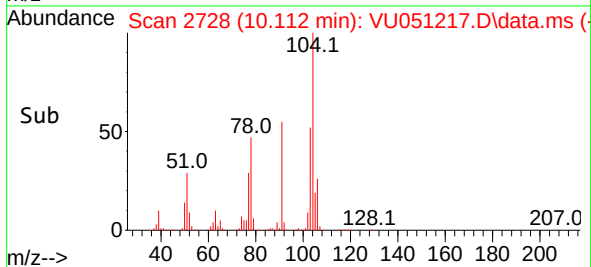
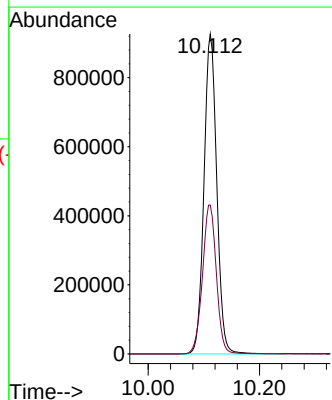
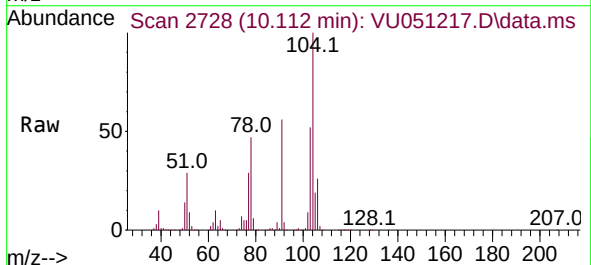
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

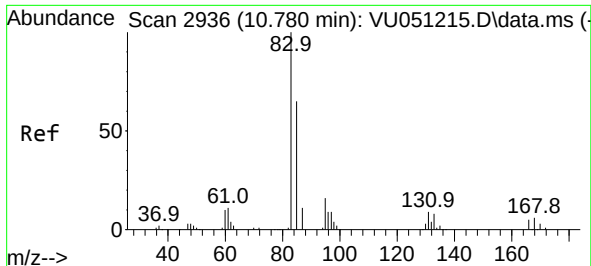
Tgt Ion:106 Resp: 849545
Ion Ratio Lower Upper
106 100
91 218.7 154.4 286.8



#55
Styrene
Concen: 23.454 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:104 Resp: 1475287
Ion Ratio Lower Upper
104 100
78 46.6 32.1 59.7

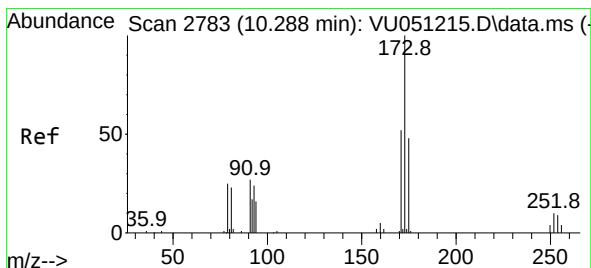
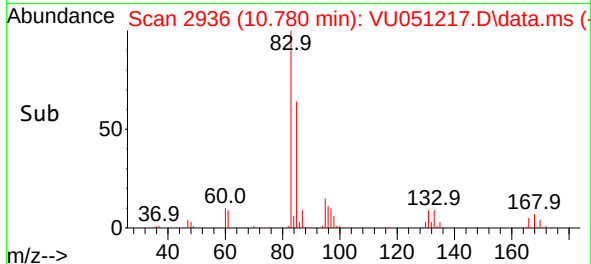
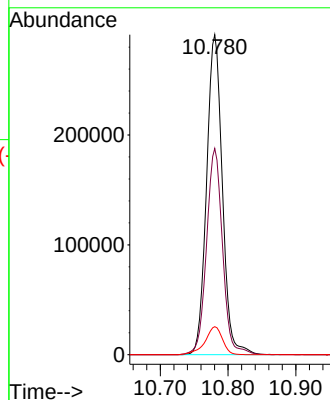
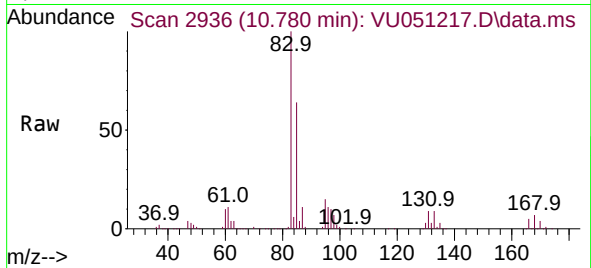




#57
1,1,2,2-Tetrachloroethane
Concen: 18.183 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

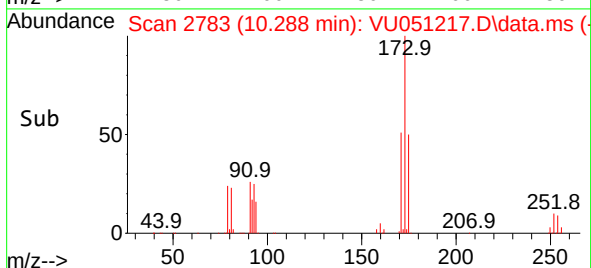
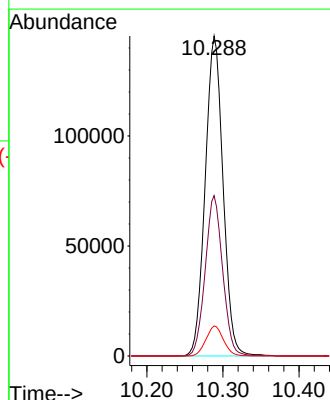
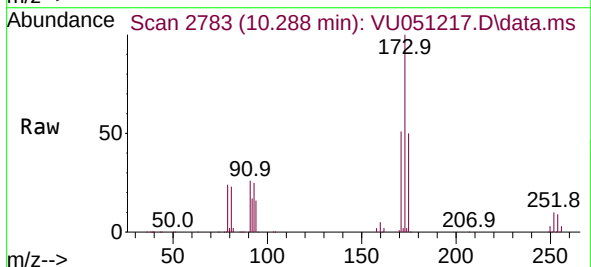
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

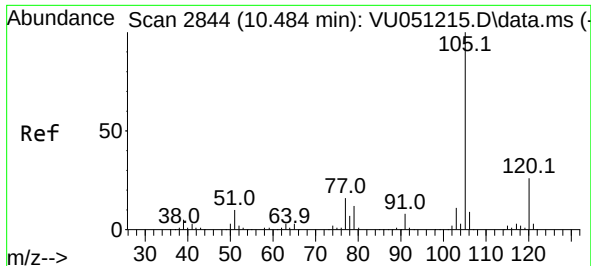
Tgt Ion: 83 Resp: 471075
Ion Ratio Lower Upper
83 100
85 64.4 45.9 85.3
131 8.8 7.4 11.2



#59
Bromoform
Concen: 19.065 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:173 Resp: 237163
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 9.2 7.5 11.3

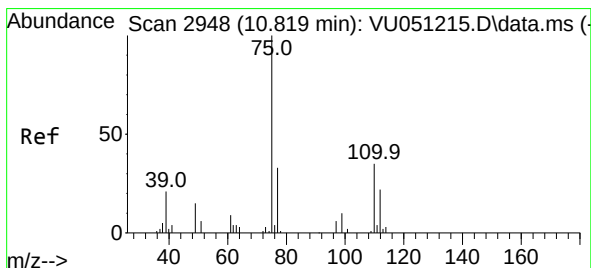
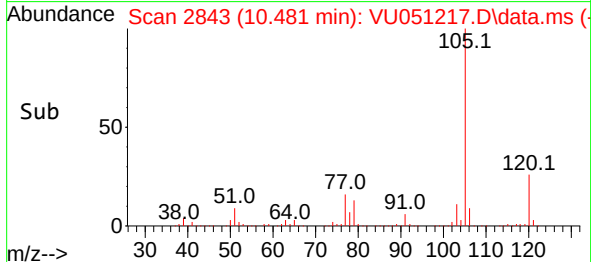
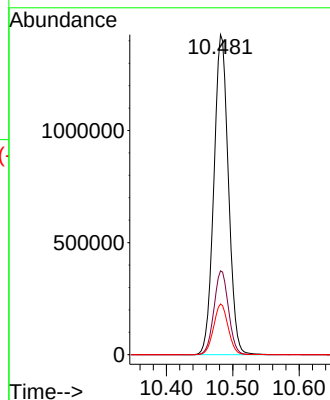
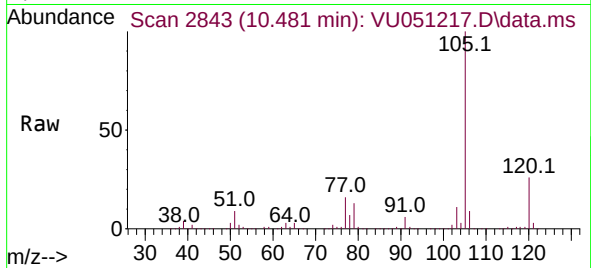




#60
Isopropylbenzene
Concen: 23.066 ug/L
RT: 10.481 min Scan# 2173452
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

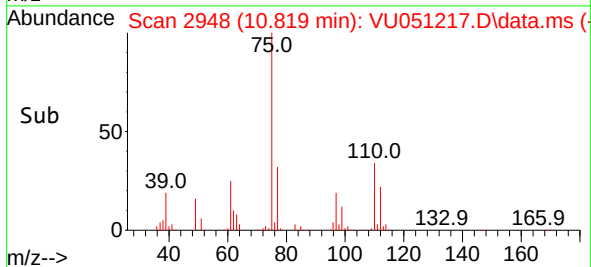
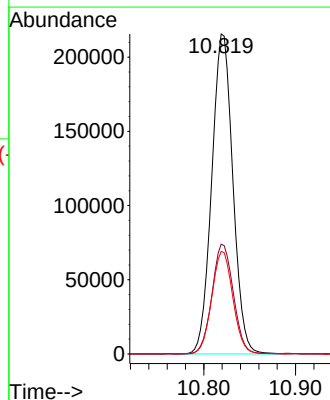
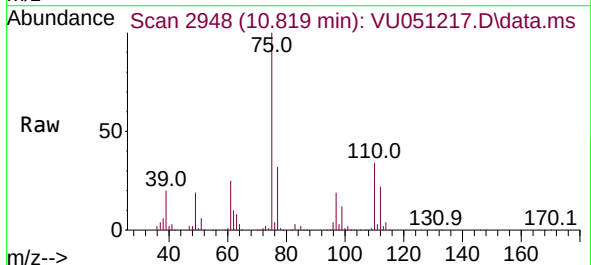
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

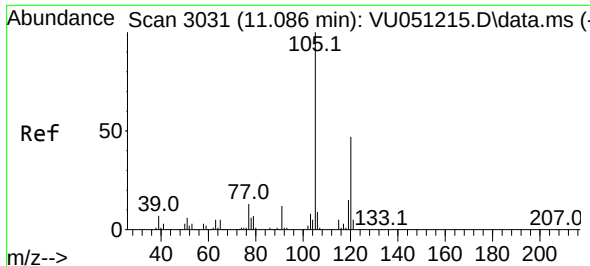
Tgt Ion:105 Resp: 2173452
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8
77 15.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 18.161 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion: 75 Resp: 344912
Ion Ratio Lower Upper
75 100
110 34.7 27.0 40.6
77 31.9 26.4 39.6

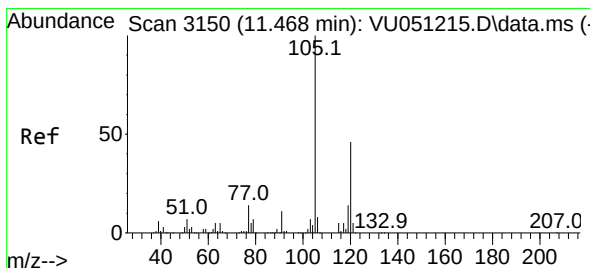
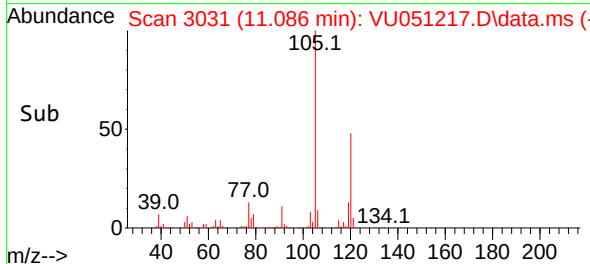
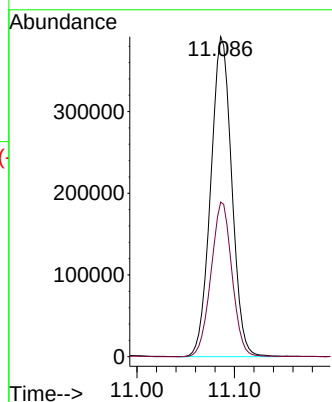
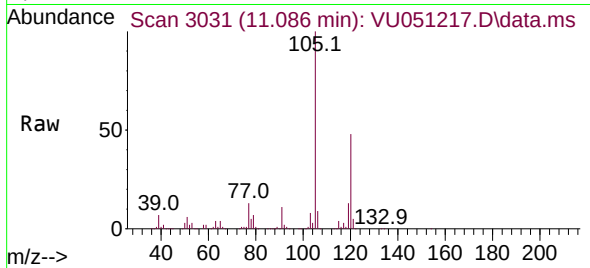




#62
 1,3,5-Trimethylbenzene
 Concen: 8.558 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

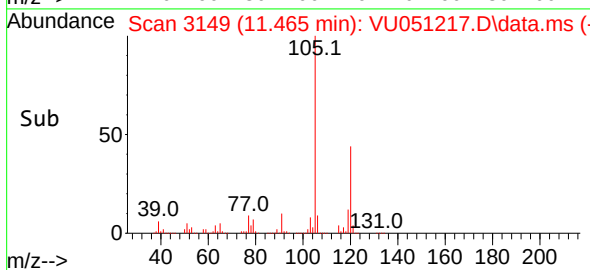
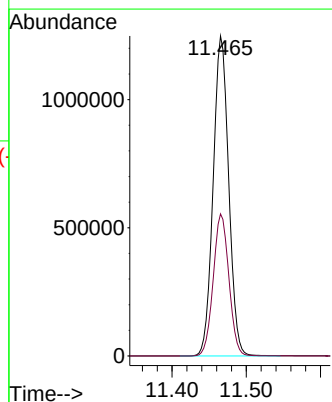
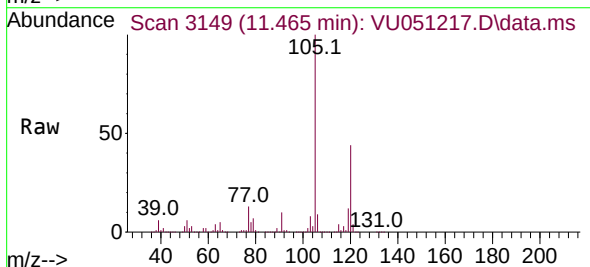
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020060

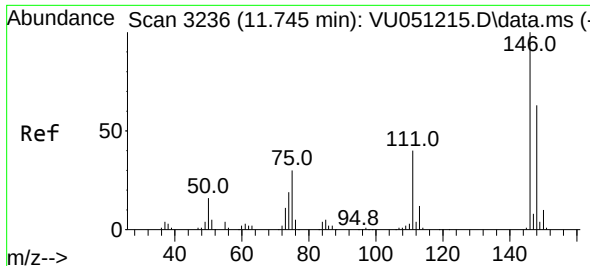
Tgt Ion:105 Resp: 588056
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 23.966 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

Tgt Ion:105 Resp: 1813555
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

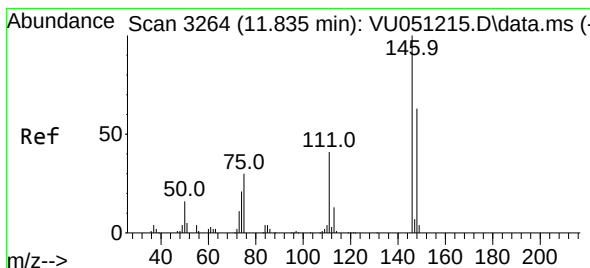
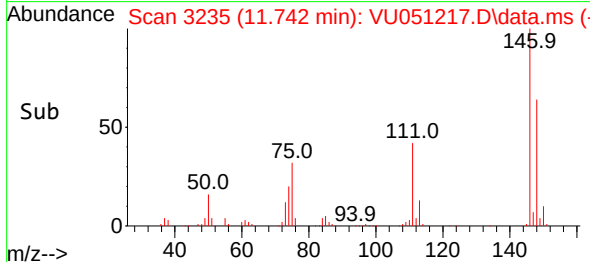
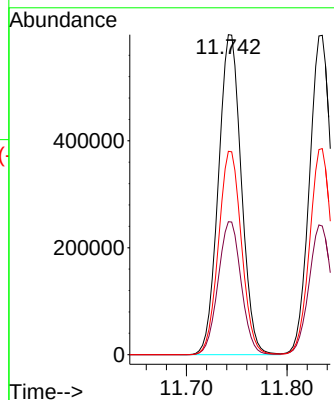
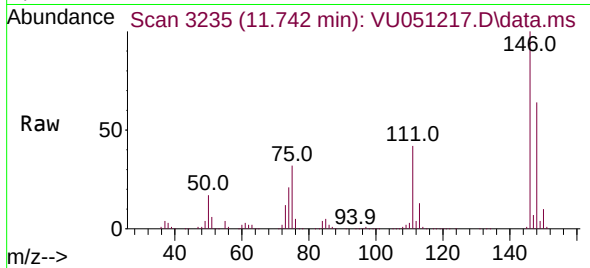




#64
1,3-Dichlorobenzene
Concen: 20.203 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

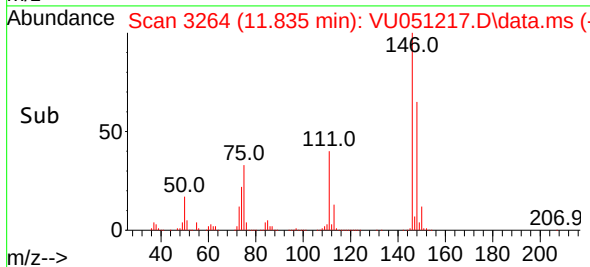
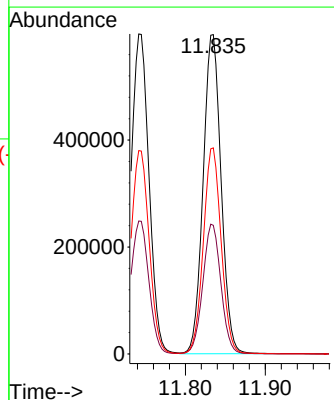
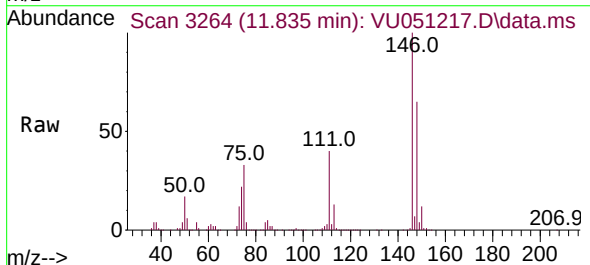
Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

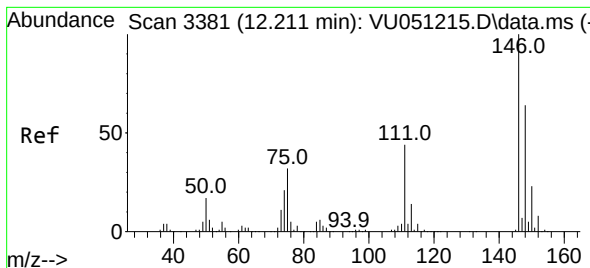
Tgt Ion:146 Resp: 948098
Ion Ratio Lower Upper
146 100
111 41.6 28.3 52.7
148 63.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 20.061 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:146 Resp: 934119
Ion Ratio Lower Upper
146 100
111 40.3 29.1 54.1
148 64.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 19.895 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD020060

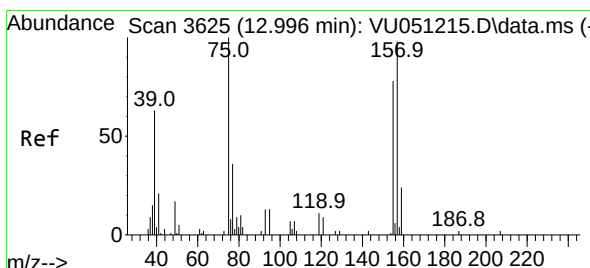
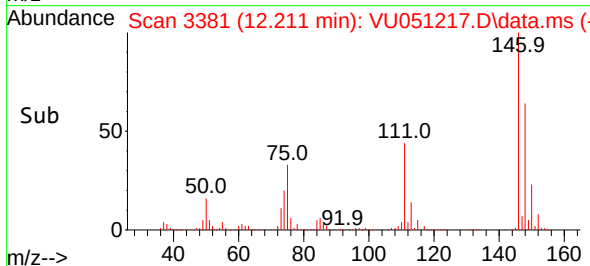
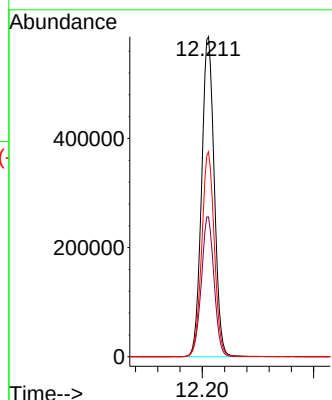
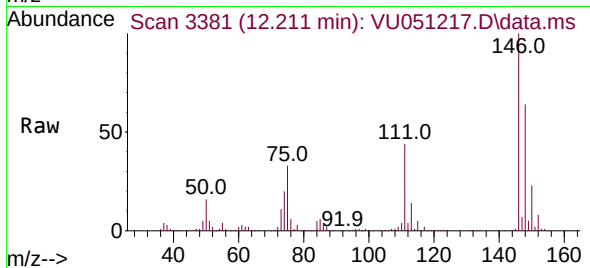
Tgt Ion:146 Resp: 924255

Ion Ratio Lower Upper

146 100

111 43.7 35.5 53.3

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 18.663 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051217.D

Acq: 07 Oct 2022 13:14

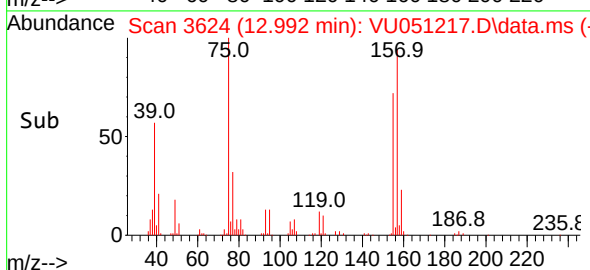
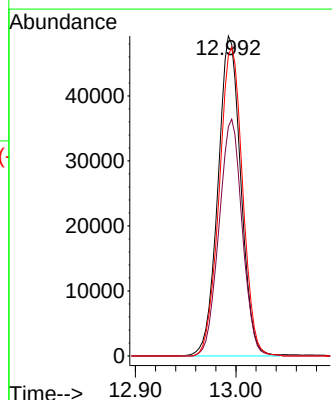
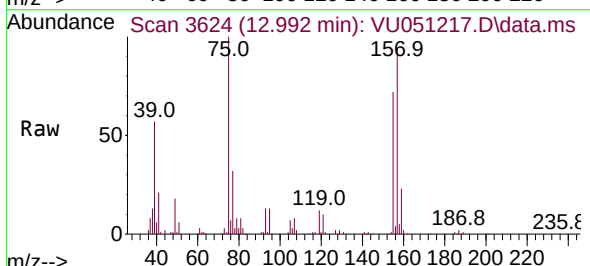
Tgt Ion: 75 Resp: 77898

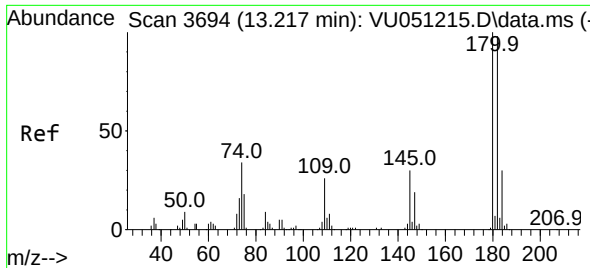
Ion Ratio Lower Upper

75 100

155 71.7 62.7 94.1

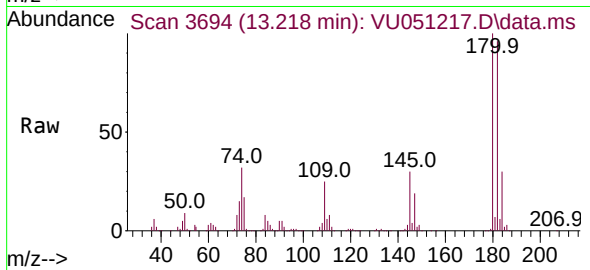
157 93.9 78.3 117.5



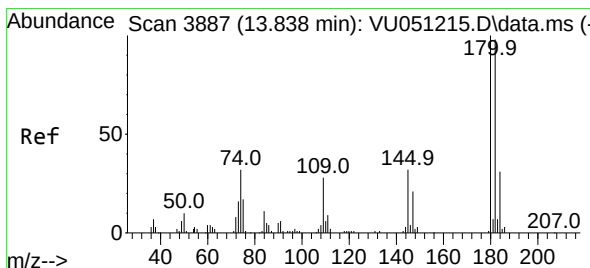
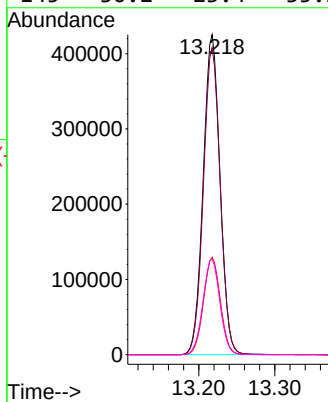
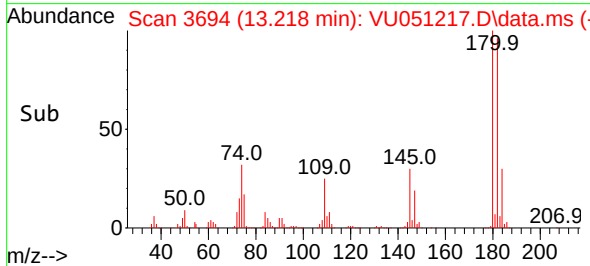


#69
 1,3,5-Trichlorobenzene
 Concen: 19.105 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14

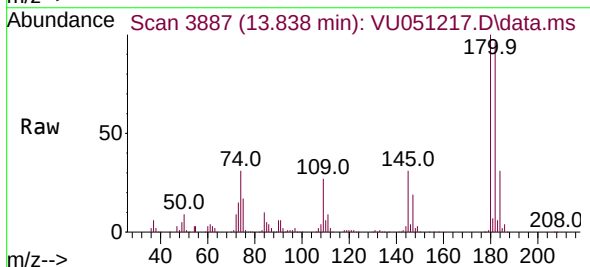
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020060



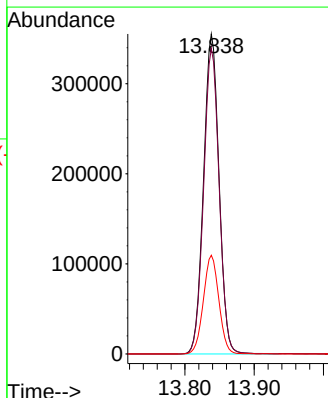
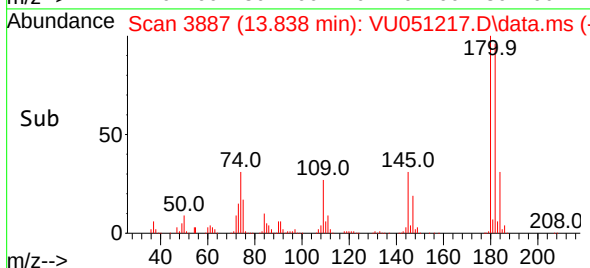
Tgt Ion:180 Resp: 655093
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.7 116.5
 184 30.5 23.6 35.4
 145 30.2 23.4 35.2

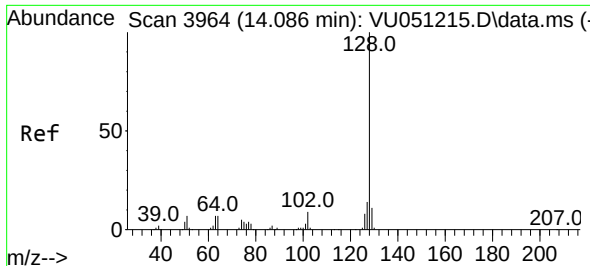


#70
 1,2,4-trichlorobenzene
 Concen: 19.457 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051217.D
 Acq: 07 Oct 2022 13:14



Tgt Ion:180 Resp: 549632
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.7 118.1
 145 30.9 25.0 37.4

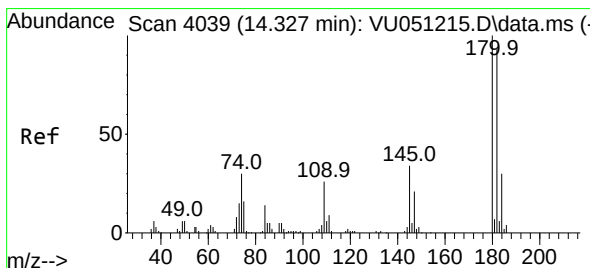
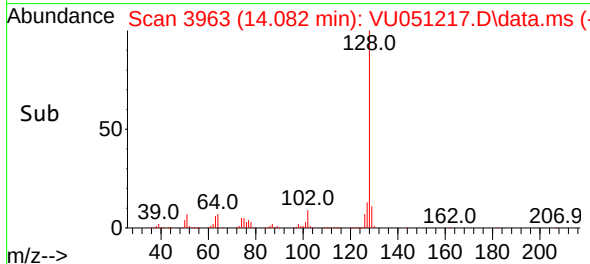
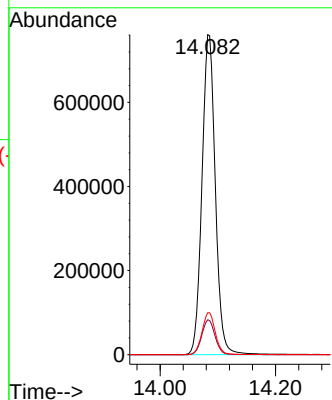
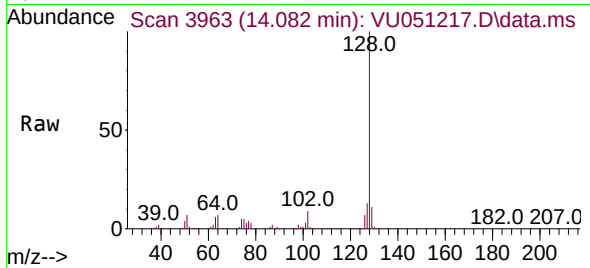




#71
Naphthalene
Concen: 22.312 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

Tgt Ion:128 Resp: 1219010
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 21.023 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051217.D
Acq: 07 Oct 2022 13:14

Tgt Ion:180 Resp: 574799
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
145 32.3 25.8 38.8

