

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092622\
 Data File : VU050936.D
 Acq On : 26 Sep 2022 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050095

Quant Time: Sep 26 20:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	424701	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	214469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168597	38.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.640%
7) Chloroethane-d5	1.909	69	136163	43.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.900%
11) 1,1-Dichloroethene-d2	2.568	63	294936	43.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.617	46	296067	104.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.220%
24) Chloroform-d	5.063	84	322587	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.700	65	201713	47.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.726	84	626036	45.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	6.690	67	210346	45.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.340%
41) Toluene-d8	7.896	98	568708	47.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	8.179	79	76493	37.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.520%
47) 2-Hexanone-d5	8.632	63	176513	91.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.970%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	329810	46.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	206862	46.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	208201	47.344	ug/L	100
3) Chloromethane	1.520	50	234640	45.895	ug/L	99
5) Vinyl chloride	1.604	62	241514	48.254	ug/L	100
6) Bromomethane	1.851	94	136248	53.884	ug/L	98
8) Chloroethane	1.932	64	143149	51.657	ug/L	98
9) Trichlorofluoromethane	2.138	101	283354	52.193	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	174505	50.219	ug/L	99
12) 1,1-Dichloroethene	2.581	96	161198	49.371	ug/L	90
13) Acetone	2.623	43	218610	90.884	ug/L	99
14) Carbon disulfide	2.793	76	495375	47.980	ug/L	99
15) Methyl Acetate	2.945	43	232862	51.299	ug/L	96
16) Methylene chloride	3.044	84	205475	45.323	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	167391	50.020	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	497423	48.758	ug/L	99
19) 1,1-Dichloroethane	3.867	63	334343	49.445	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	188220	50.726	ug/L	96
22) 2-Butanone	4.697	43	339785	107.167	ug/L	100
23) Bromochloromethane	4.977	128	100116	51.482	ug/L	94
25) Chloroform	5.089	83	346334	51.393	ug/L	98

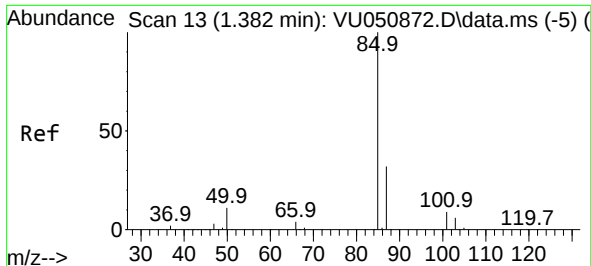
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	260640	50.893	ug/L	99
29) Cyclohexane	5.391	56	268791	46.630	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	284509	51.055	ug/L	99
31) Carbon tetrachloride	5.526	117	238383	51.494	ug/L	99
33) Benzene	5.774	78	765748	49.675	ug/L	100
34) Trichloroethene	6.543	95	189014	52.787	ug/L	98
35) Methylcyclohexane	6.764	83	271588	47.073	ug/L	99
37) 1,2-Dichloropropane	6.790	63	207401	49.168	ug/L	99
38) Bromodichloromethane	7.105	83	260072	51.748	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	212074	37.570	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	613449	105.525	ug/L	100
42) Toluene	7.970	91	812792	53.113	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	217028	40.417	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	198325	51.019	ug/L	98
46) Tetrachloroethene	8.552	164	127871	49.694	ug/L	98
48) 2-Hexanone	8.681	43	518745	106.791	ug/L	100
49) Dibromochloromethane	8.809	129	200229	52.532	ug/L	100
50) 1,2-Dibromoethane	8.922	107	207358	51.413	ug/L	100
51) Chlorobenzene	9.446	112	470301	50.340	ug/L	99
52) Ethylbenzene	9.571	91	778858	51.018	ug/L	99
53) m,p-Xylene	9.694	106	300065	52.868	ug/L	99
54) o-Xylene	10.099	106	293082	51.826	ug/L	98
55) Styrene	10.111	104	533174	54.990	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	341307	47.450	ug/L	99
59) Bromoform	10.288	173	149792	48.390	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	282043	46.754	ug/L	99
61) Isopropylbenzene	10.484	105	750986	48.998	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	618204	49.066	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	627921	50.324	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	347022	49.512	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	352007	49.469	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	363376	48.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	88383	53.270	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	236724	48.273	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	191113	47.622	ug/L	98
71) Naphthalene	14.086	128	754071	48.892	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	227134	50.570	ug/L	100

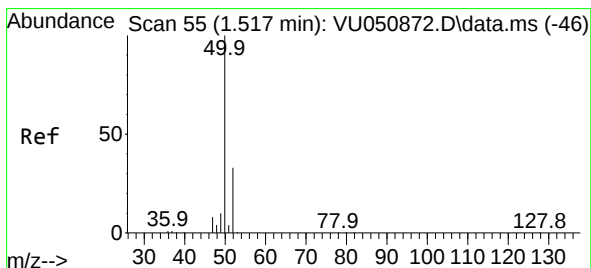
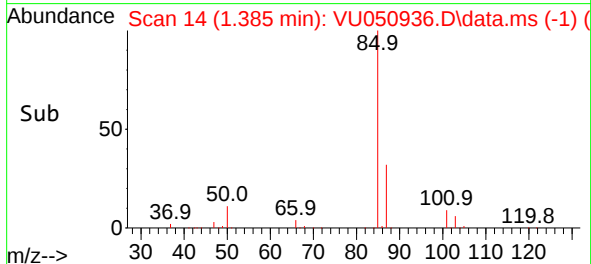
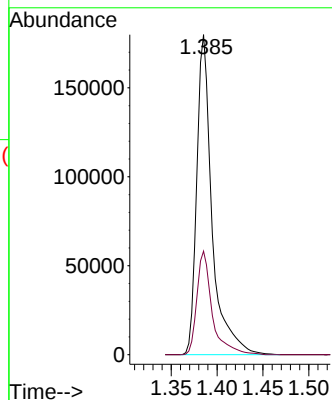
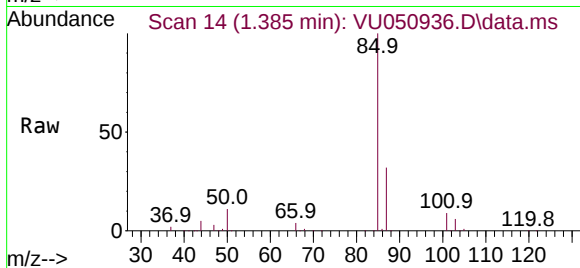
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#2
Dichlorodifluoromethane
Concen: 47.344 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

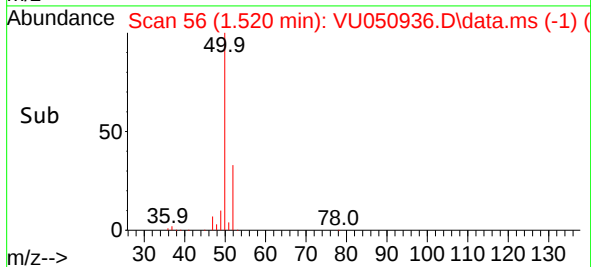
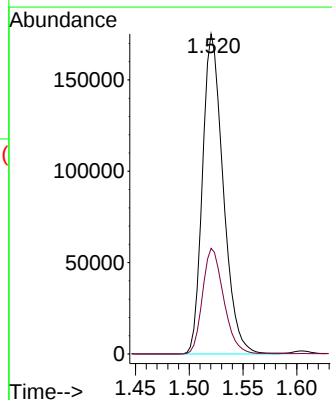
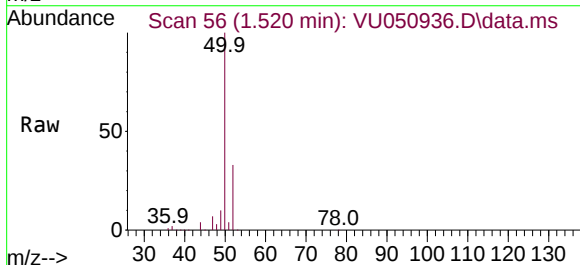
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

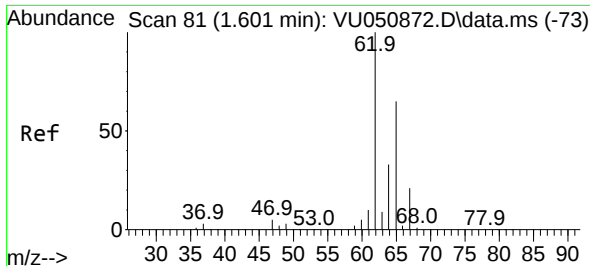
Tgt Ion: 85 Resp: 208201
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 45.895 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 50 Resp: 234640
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

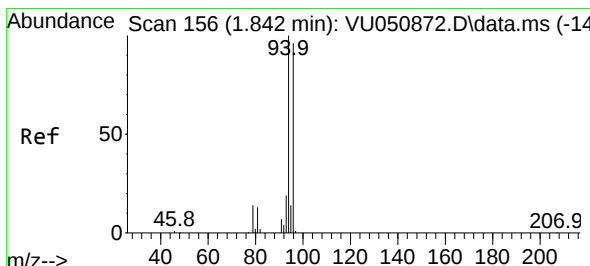
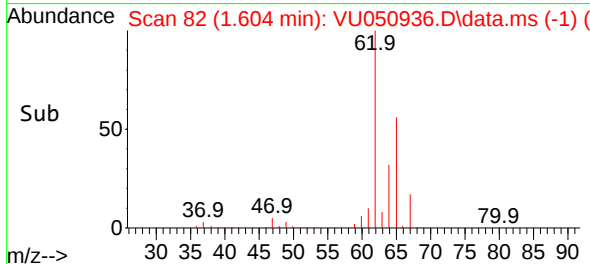
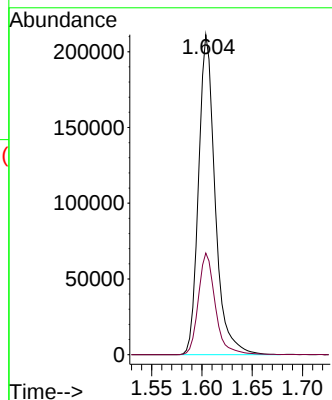
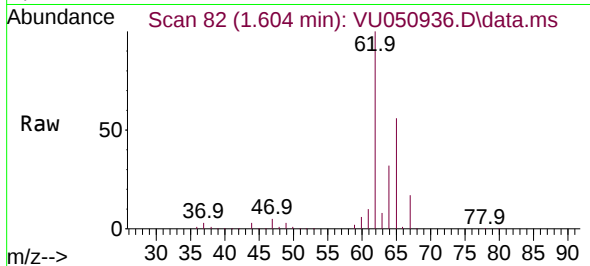




#5
 Vinyl chloride
 Concen: 48.254 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050936.D
 Acq: 26 Sep 2022 09:42

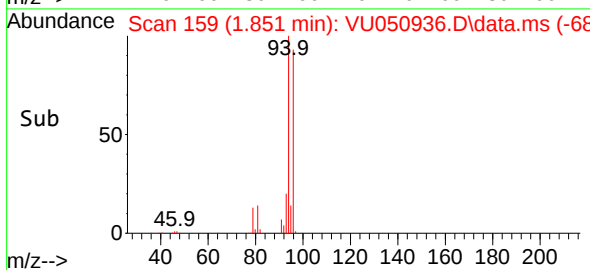
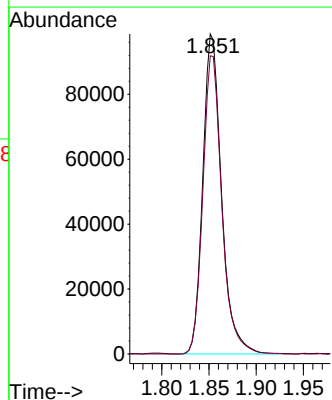
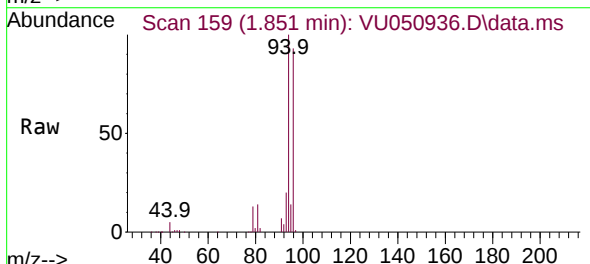
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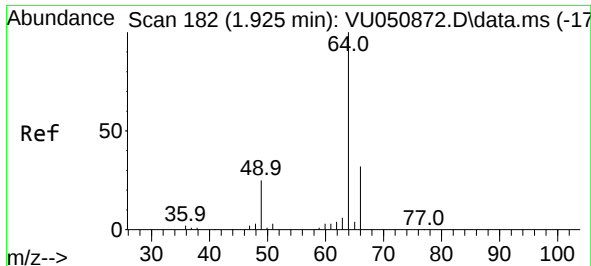
Tgt Ion: 62 Resp: 241514
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.2 41.2



#6
 Bromomethane
 Concen: 53.884 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU050936.D
 Acq: 26 Sep 2022 09:42

Tgt Ion: 94 Resp: 136248
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.0 119.0

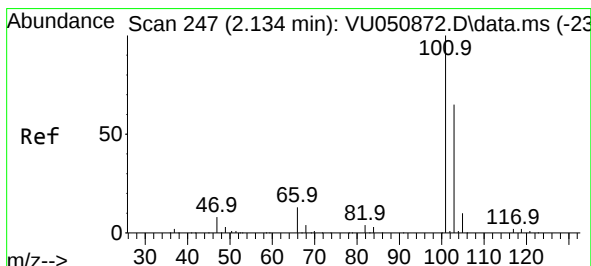
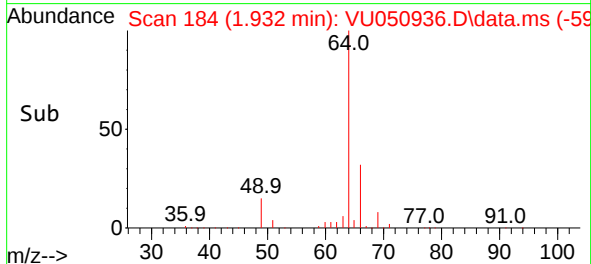
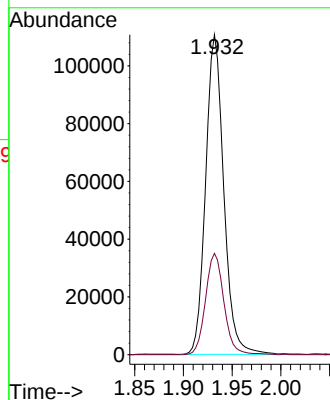
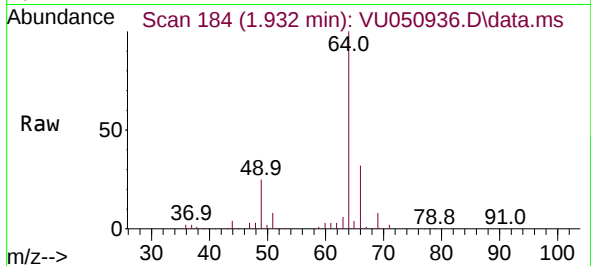




#8
Chloroethane
Concen: 51.657 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

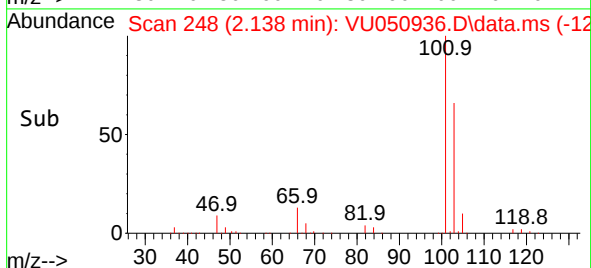
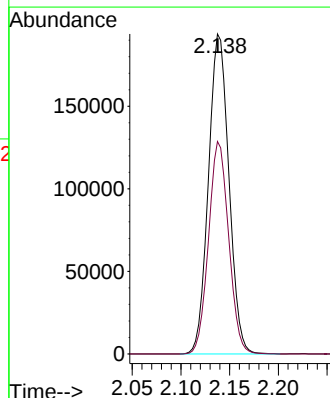
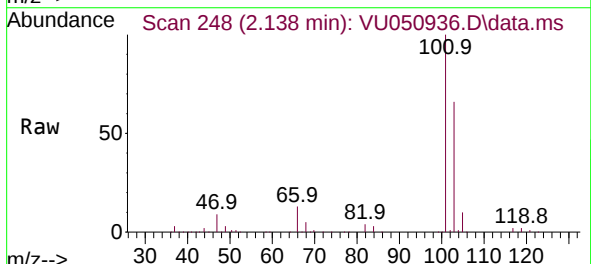
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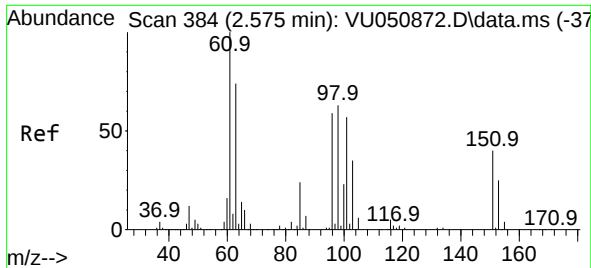
Tgt Ion: 64 Resp: 143149
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 52.193 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion:101 Resp: 283354
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3

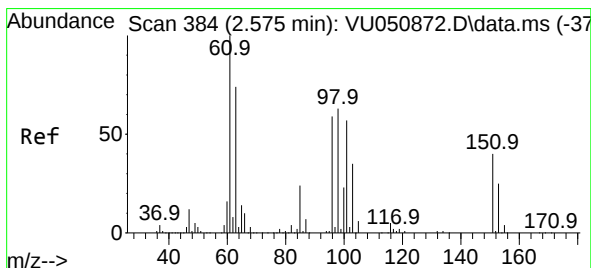
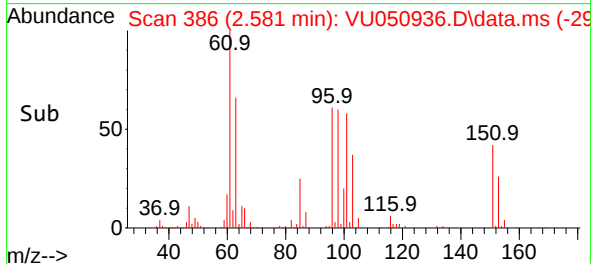
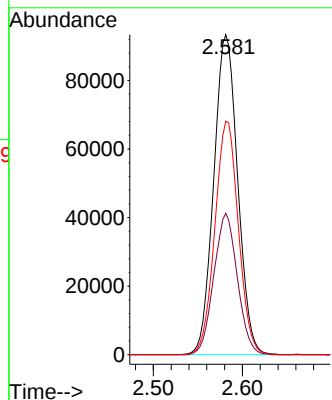
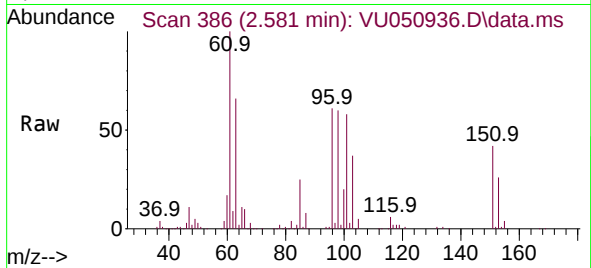




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.219 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

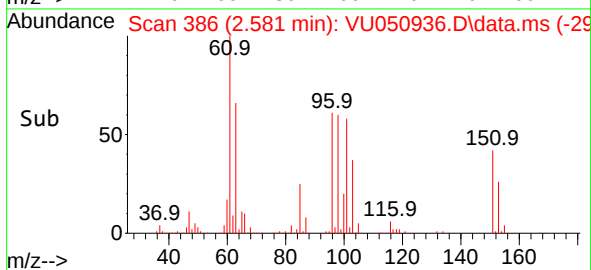
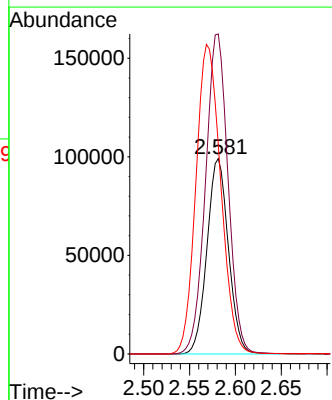
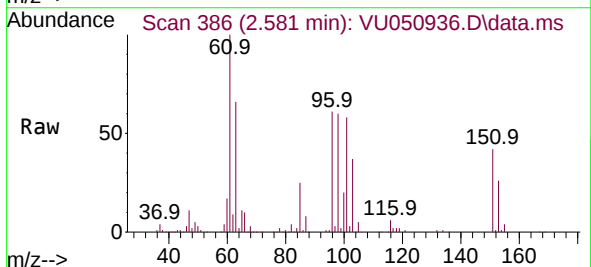
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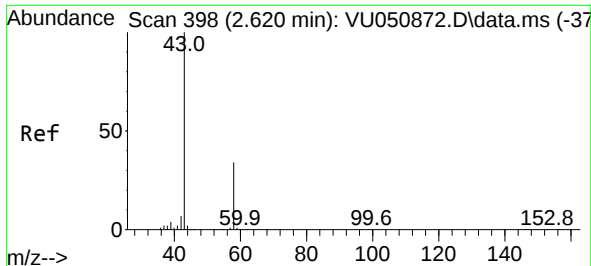
Tgt Ion:101 Resp: 174505
Ion Ratio Lower Upper
101 100
85 43.4 35.1 52.7
151 71.8 56.6 84.8



#12
1,1-Dichloroethene
Concen: 49.371 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 96 Resp: 161198
Ion Ratio Lower Upper
96 100
61 163.8 118.6 220.2
63 107.3 90.4 168.0





#13

Acetone

Concen: 90.884 ug/L

RT: 2.623 min Scan# 398

Delta R.T. -0.013 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

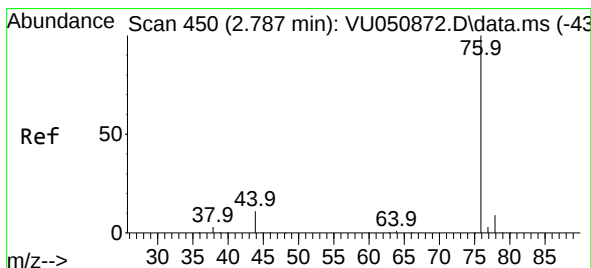
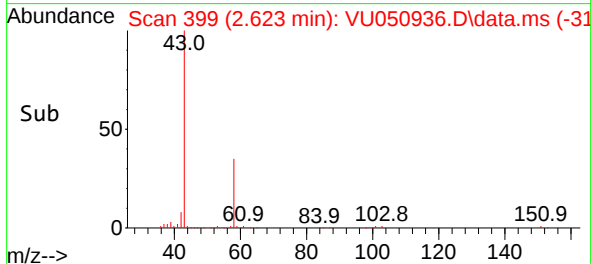
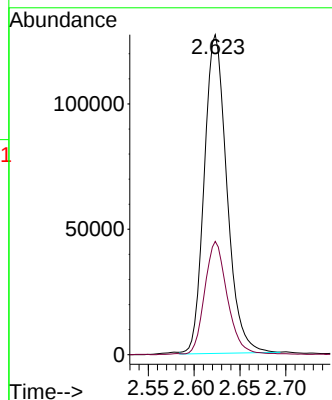
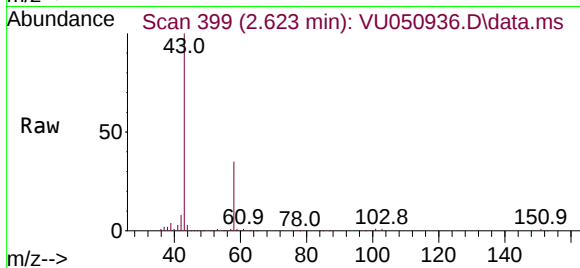
VSTD050095

Tgt Ion: 43 Resp: 218610

Ion Ratio Lower Upper

43 100

58 35.1 0.0 71.4



#14

Carbon disulfide

Concen: 47.980 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050936.D

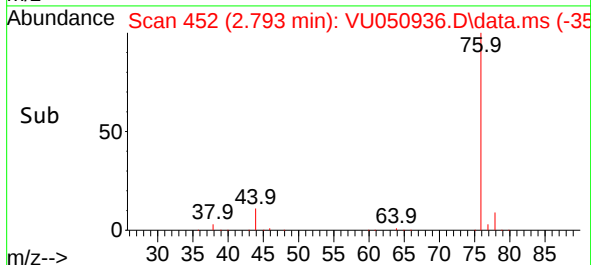
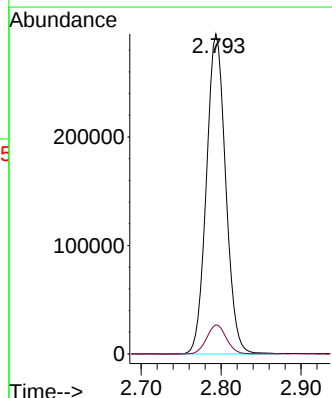
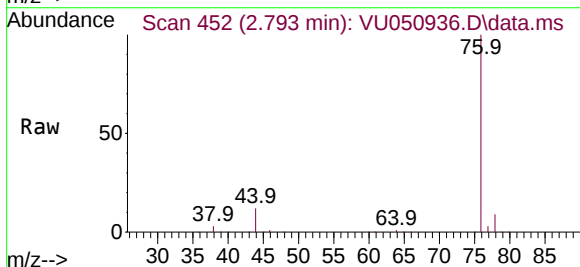
Acq: 26 Sep 2022 09:42

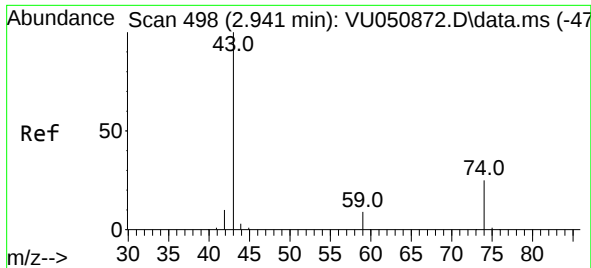
Tgt Ion: 76 Resp: 495375

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

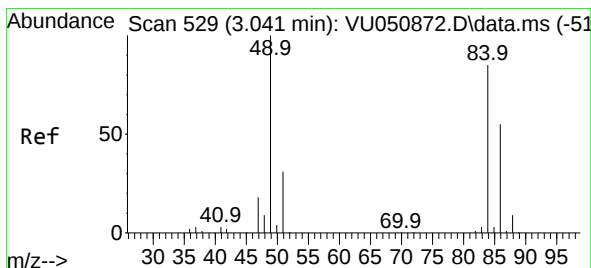
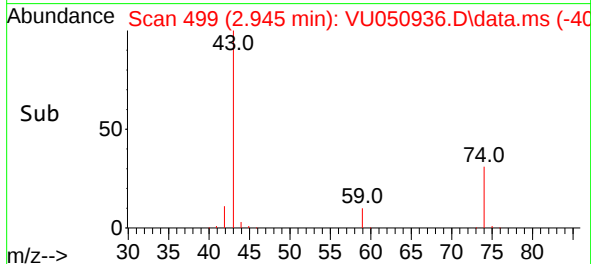
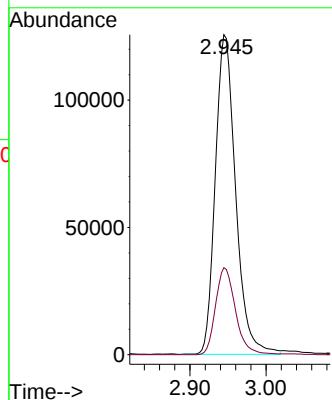
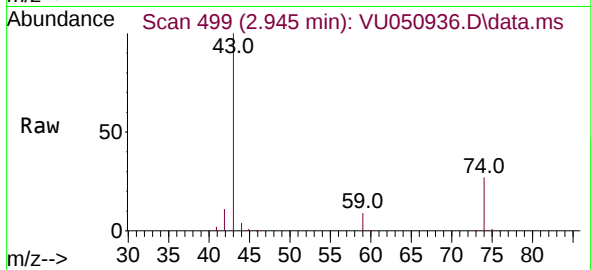




#15
Methyl Acetate
Concen: 51.299 ug/L
RT: 2.945 min Scan# 498
Delta R.T. -0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

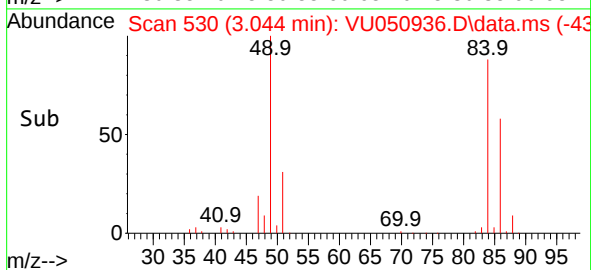
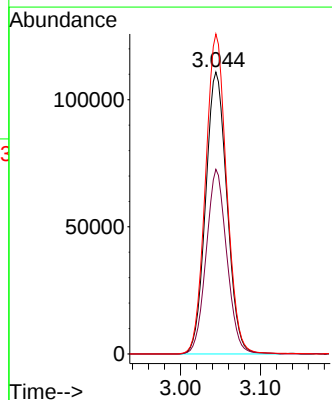
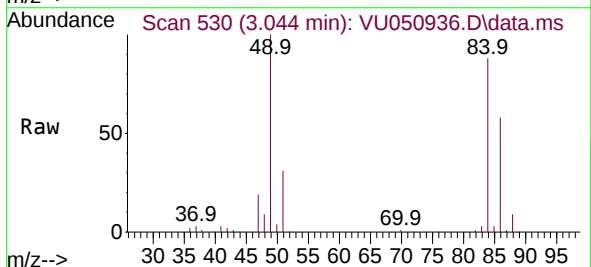
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

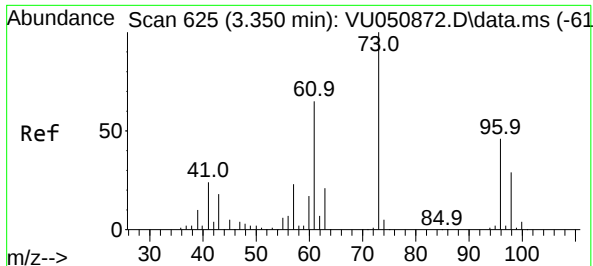
Tgt Ion: 43 Resp: 232862
Ion Ratio Lower Upper
43 100
74 26.7 19.9 29.9



#16
Methylene chloride
Concen: 45.323 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 84 Resp: 205475
Ion Ratio Lower Upper
84 100
86 65.5 44.4 82.5
49 113.5 83.3 154.7

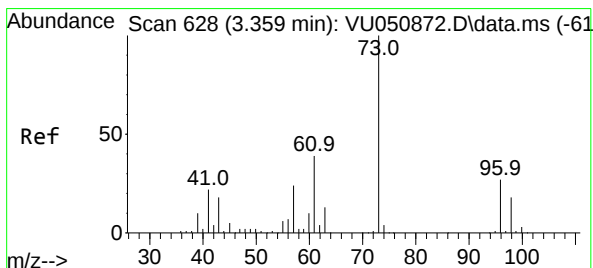
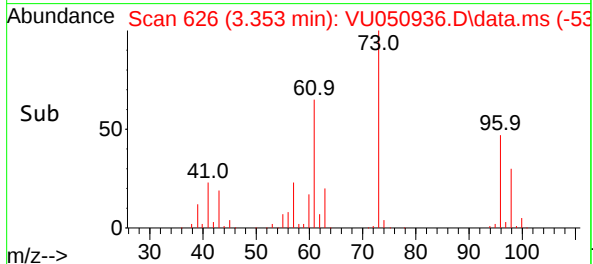
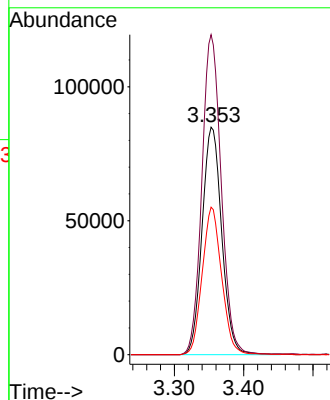
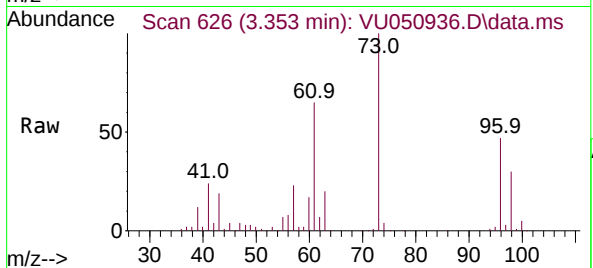




#17
trans-1,2-Dichloroethene
Concen: 50.020 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

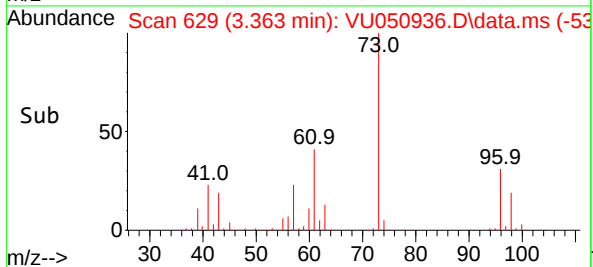
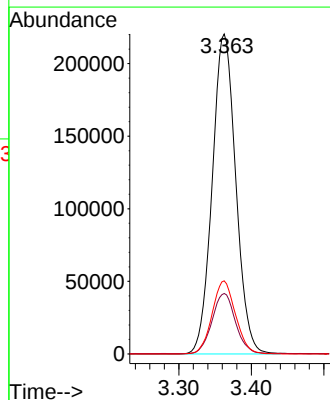
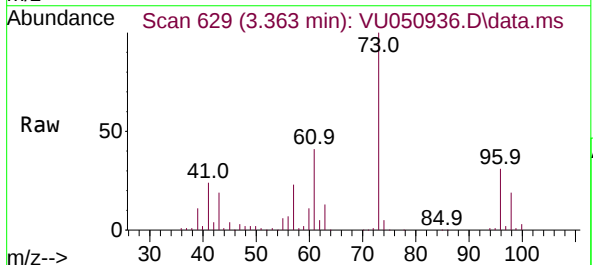
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

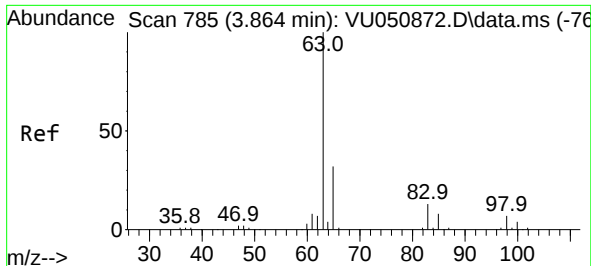
Tgt Ion: 96 Resp: 167391
Ion Ratio Lower Upper
96 100
61 140.7 98.0 182.0
98 64.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 48.758 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 73 Resp: 497423
Ion Ratio Lower Upper
73 100
43 18.7 14.4 21.6
57 22.7 18.6 27.8





#19

1,1-Dichloroethane

Concen: 49.445 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050095

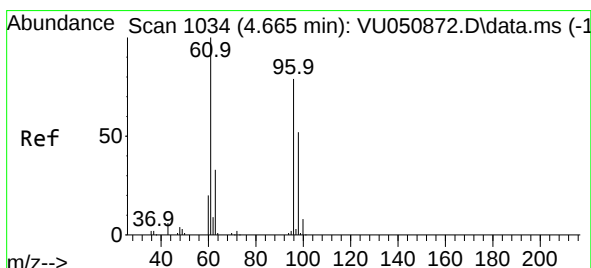
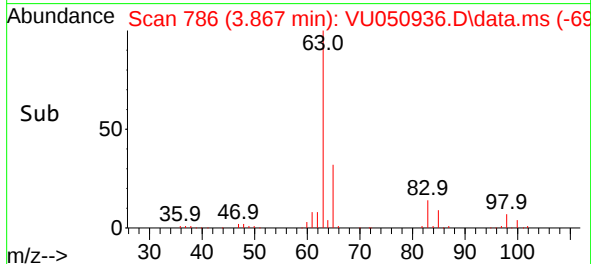
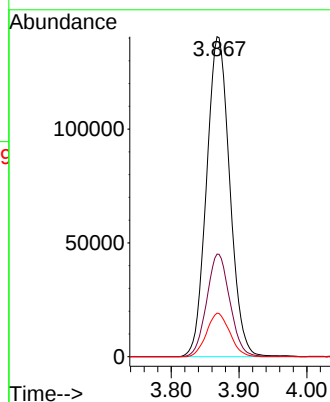
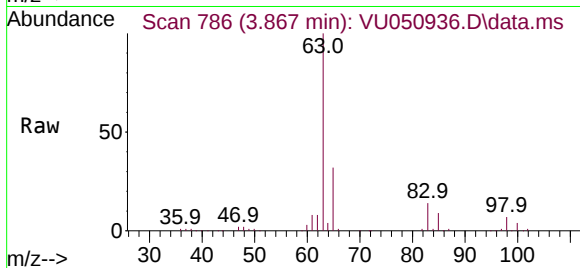
Tgt Ion: 63 Resp: 334343

Ion Ratio Lower Upper

63 100

65 32.0 21.5 39.9

83 13.6 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.726 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

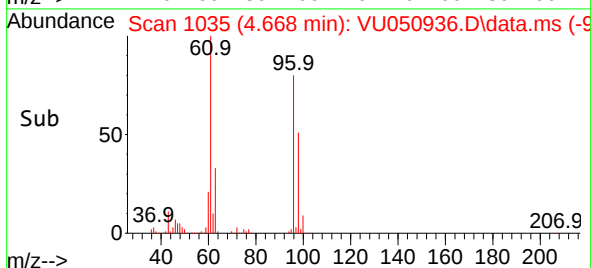
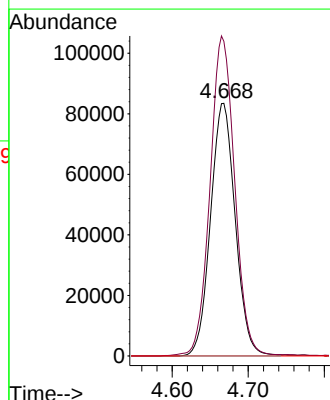
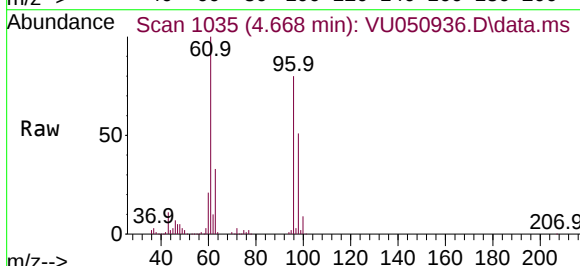
Tgt Ion: 96 Resp: 188220

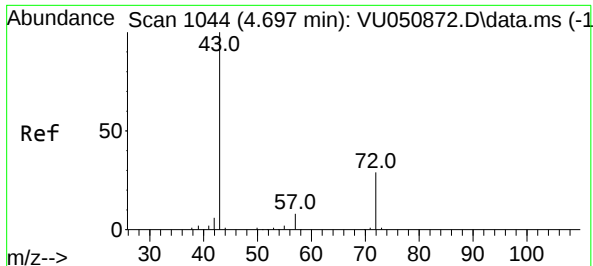
Ion Ratio Lower Upper

96 100

61 124.5 90.1 167.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 107.167 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

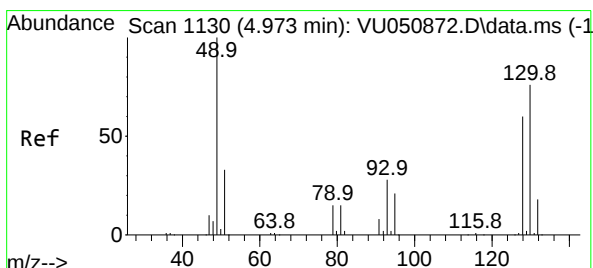
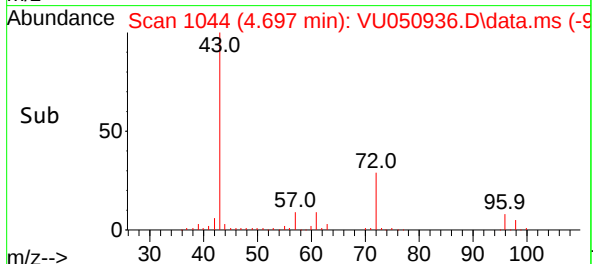
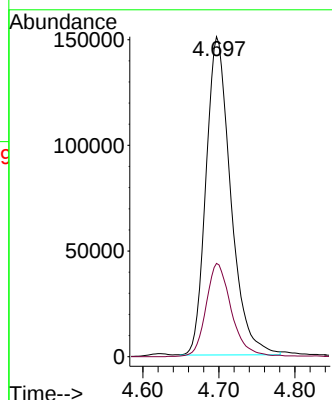
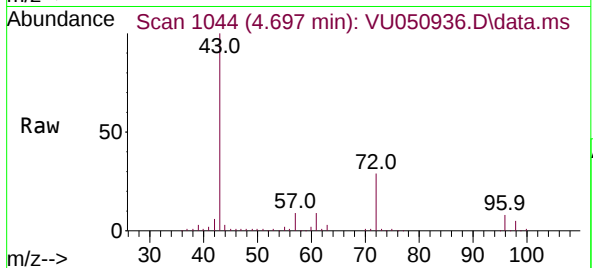
VSTD050095

Tgt Ion: 43 Resp: 339785

Ion Ratio Lower Upper

43 100

72 29.7 14.8 44.3



#23

Bromochloromethane

Concen: 51.482 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Tgt Ion:128 Resp: 100116

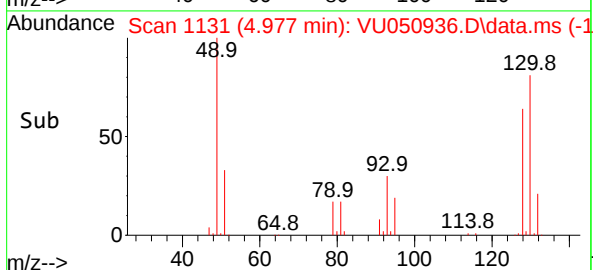
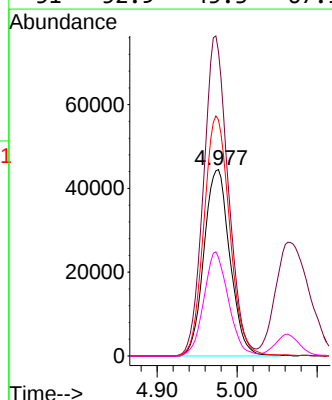
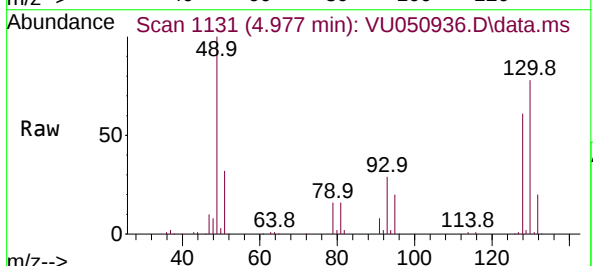
Ion Ratio Lower Upper

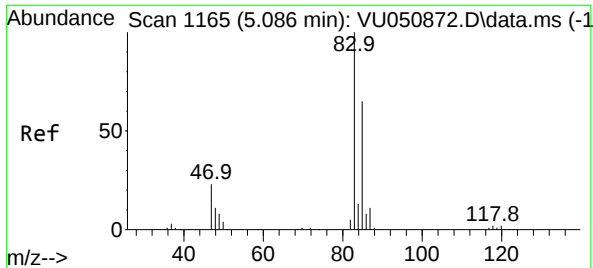
128 100

49 163.4 123.1 228.5

130 126.7 90.9 168.7

51 52.9 45.3 67.9





#25

Chloroform

Concen: 51.393 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

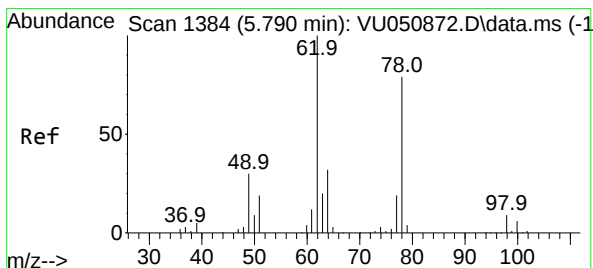
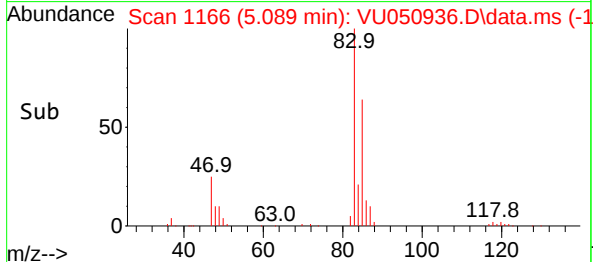
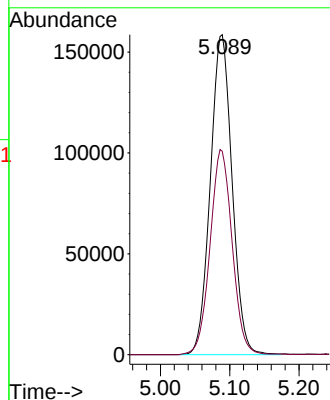
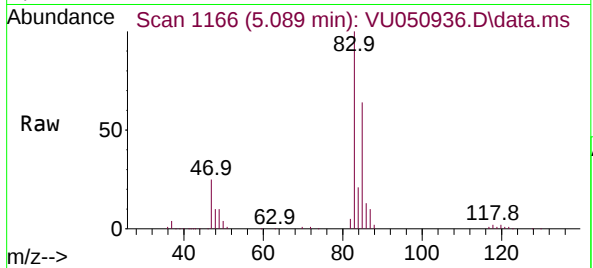
VSTD050095

Tgt Ion: 83 Resp: 346334

Ion Ratio Lower Upper

83 100

85 63.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 50.893 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050936.D

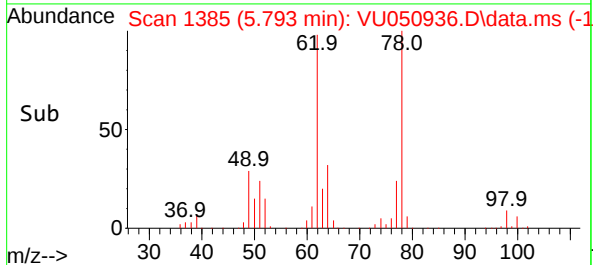
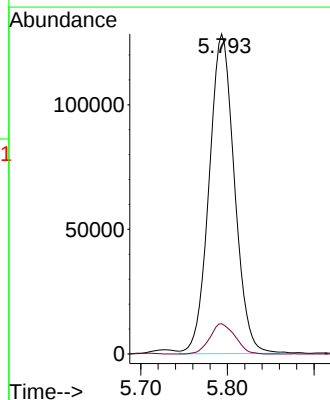
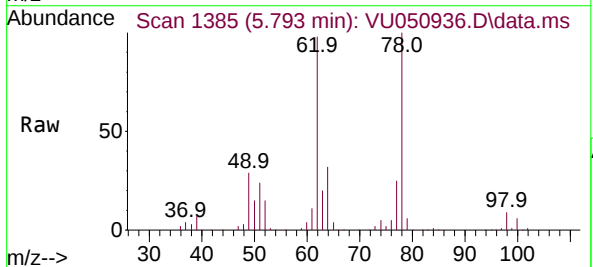
Acq: 26 Sep 2022 09:42

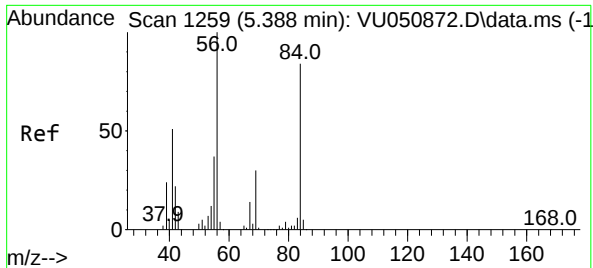
Tgt Ion: 62 Resp: 260640

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 46.630 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050095

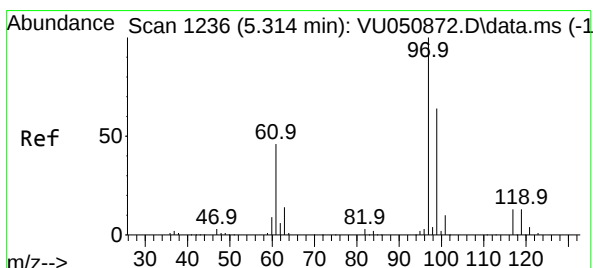
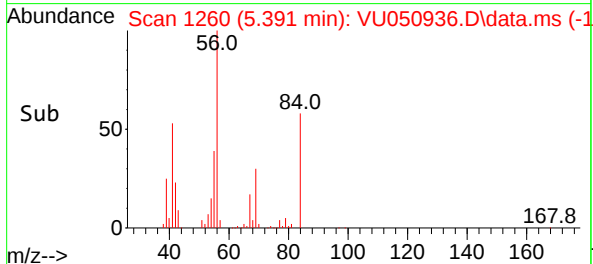
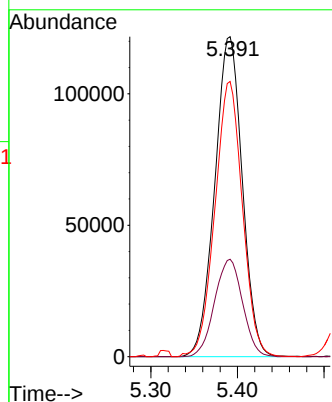
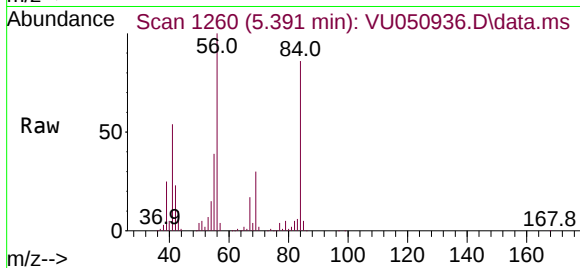
Tgt Ion: 56 Resp: 268791

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 85.5 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 51.055 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

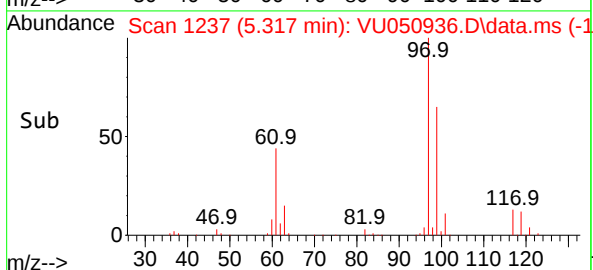
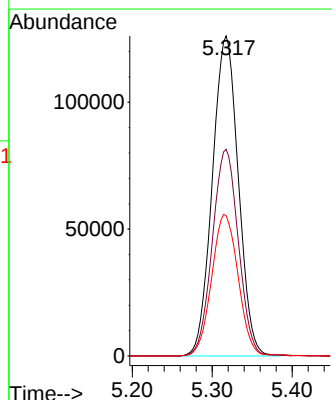
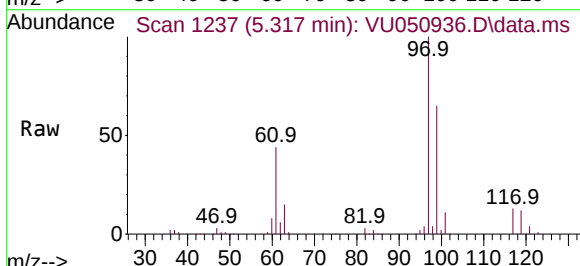
Tgt Ion: 97 Resp: 284509

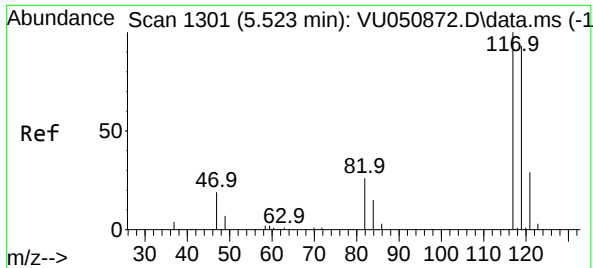
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 45.0 37.1 55.7

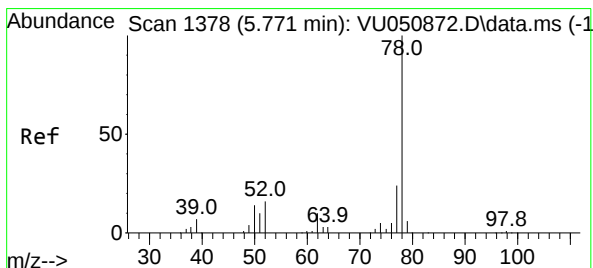
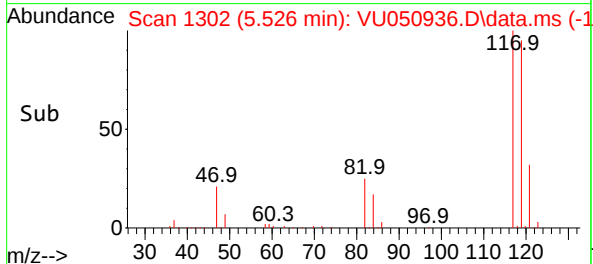
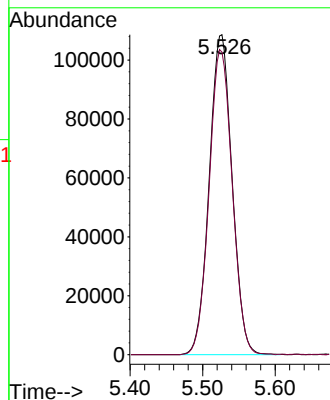
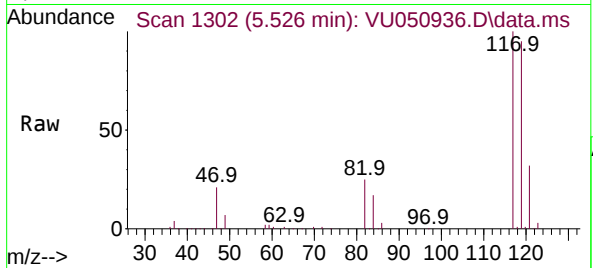




#31
Carbon tetrachloride
Concen: 51.494 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

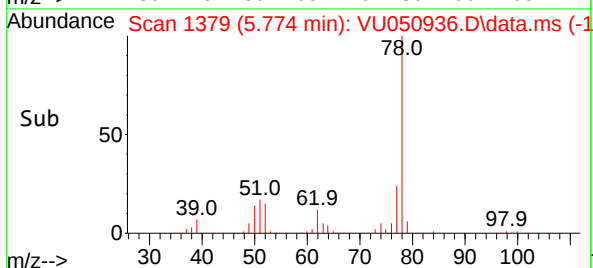
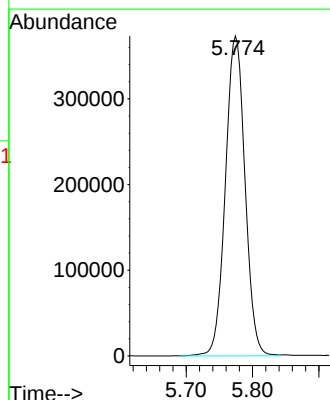
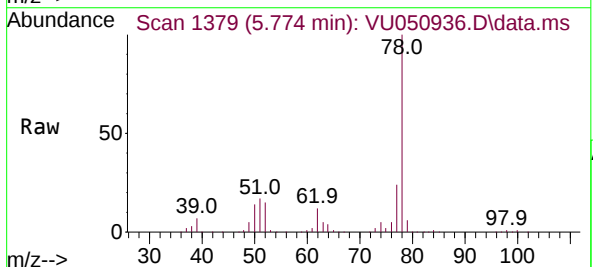
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

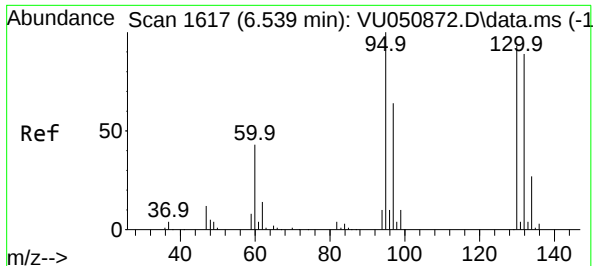
Tgt Ion:117 Resp: 238383
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0



#33
Benzene
Concen: 49.675 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 78 Resp: 765748

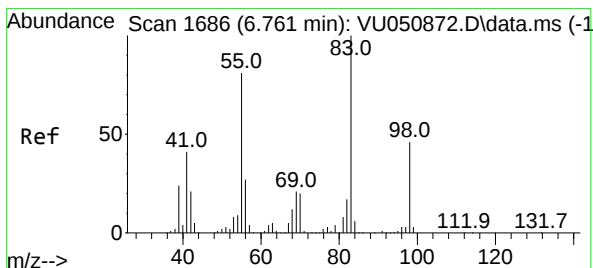
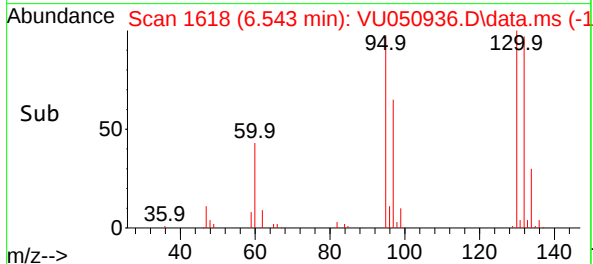
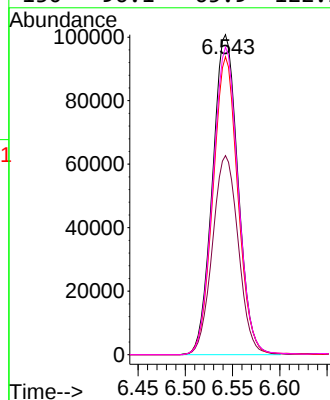
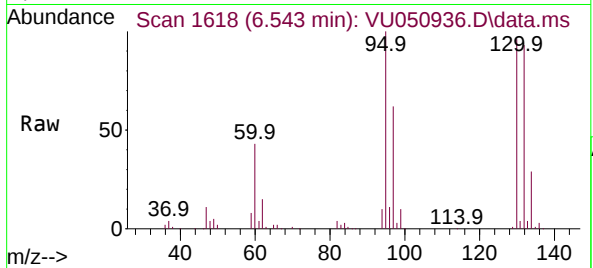




#34
Trichloroethene
Concen: 52.787 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

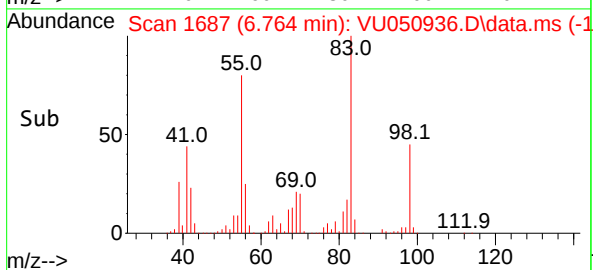
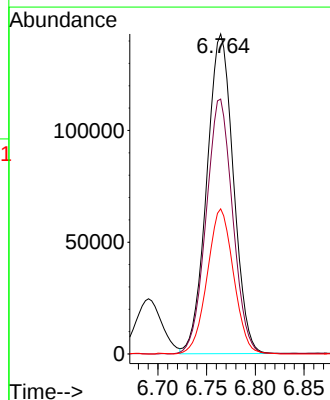
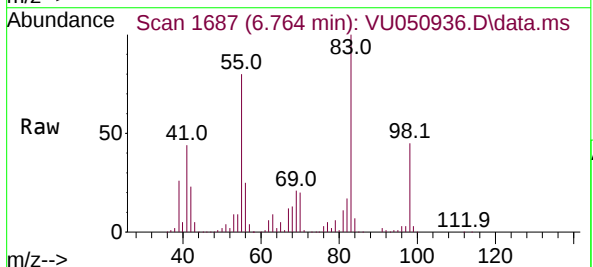
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

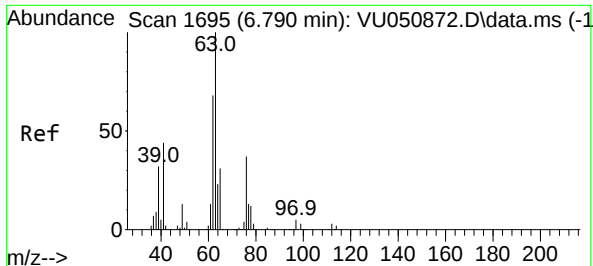
Tgt Ion: 95 Resp: 189014
Ion Ratio Lower Upper
95 100
97 62.2 43.9 81.5
132 93.1 63.1 117.1
130 96.1 65.9 122.3



#35
Methylcyclohexane
Concen: 47.073 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 83 Resp: 271588
Ion Ratio Lower Upper
83 100
55 79.7 64.7 97.1
98 45.0 35.2 52.8

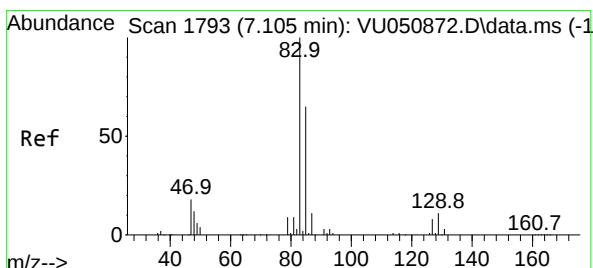
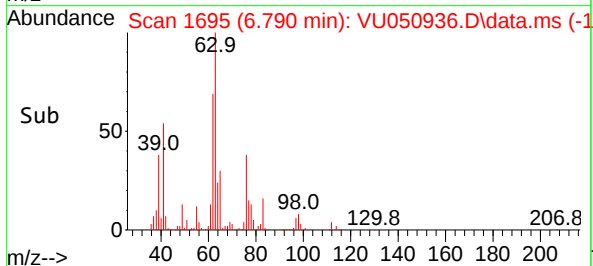
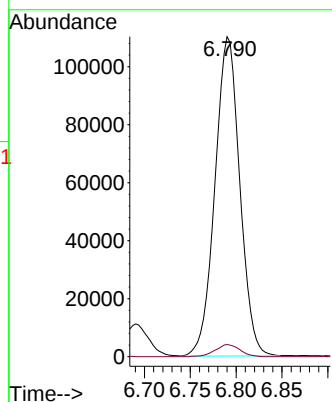
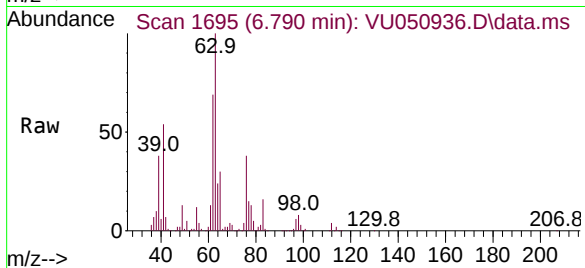




#37
1,2-Dichloropropane
Concen: 49.168 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

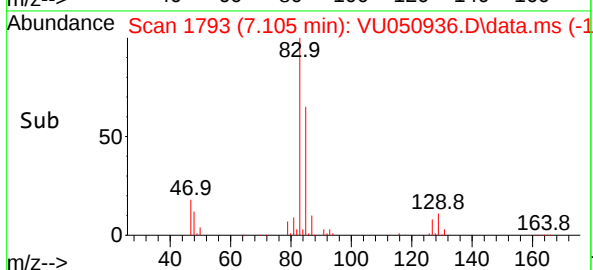
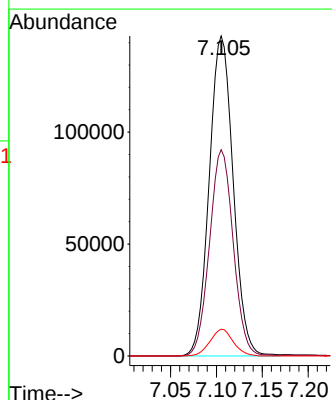
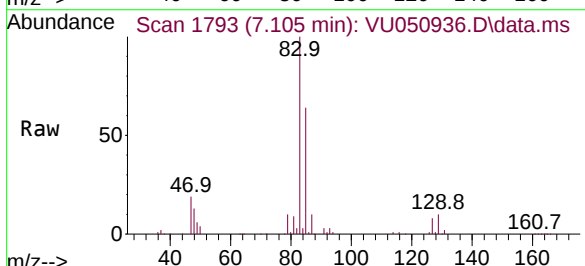
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

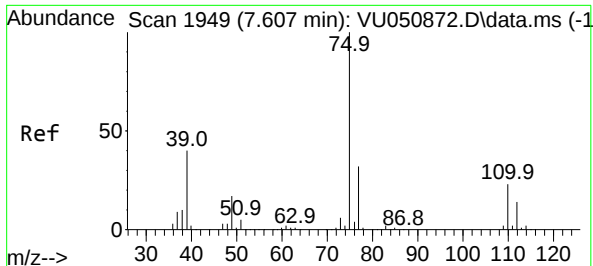
Tgt Ion: 63 Resp: 207401
Ion Ratio Lower Upper
63 100
112 3.8 2.9 4.3



#38
Bromodichloromethane
Concen: 51.748 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 83 Resp: 260072
Ion Ratio Lower Upper
83 100
85 64.5 44.3 82.3
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 37.570 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

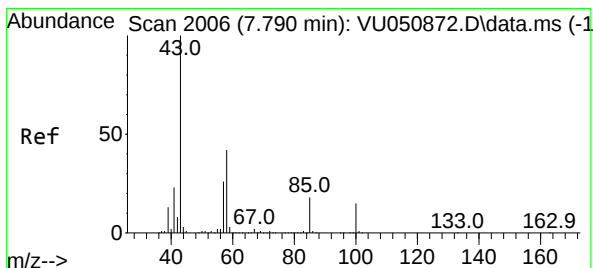
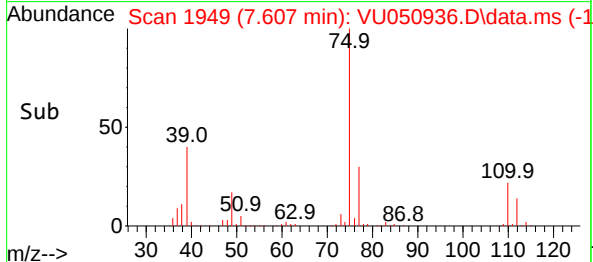
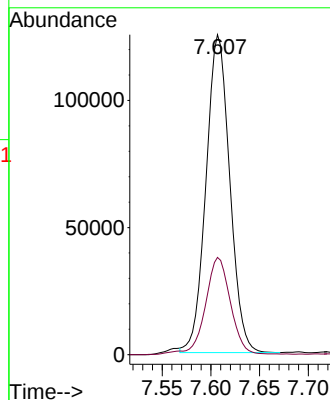
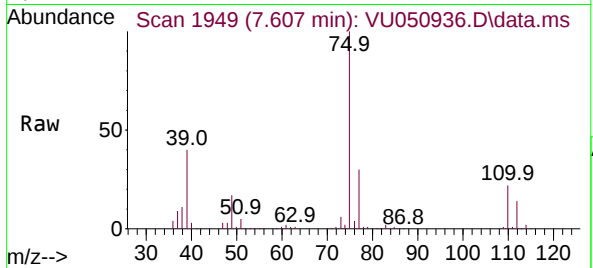
VSTD050095

Tgt Ion: 75 Resp: 212074

Ion Ratio Lower Upper

75 100

77 30.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 105.525 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

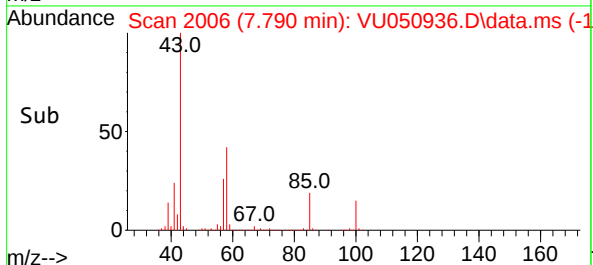
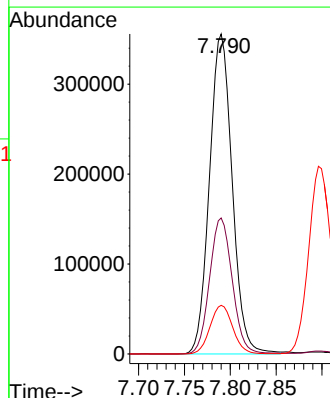
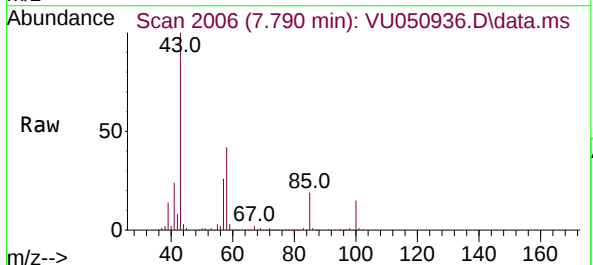
Tgt Ion: 43 Resp: 613449

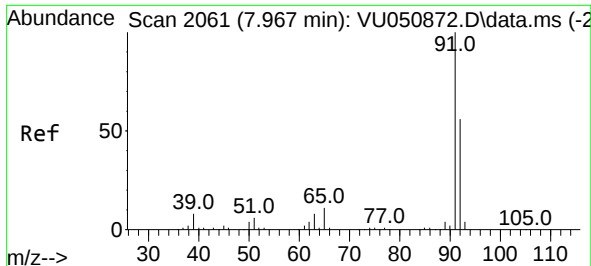
Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.6

100 15.2 12.0 18.0





#42

Toluene

Concen: 53.113 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

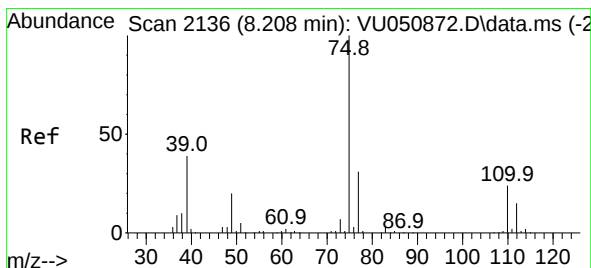
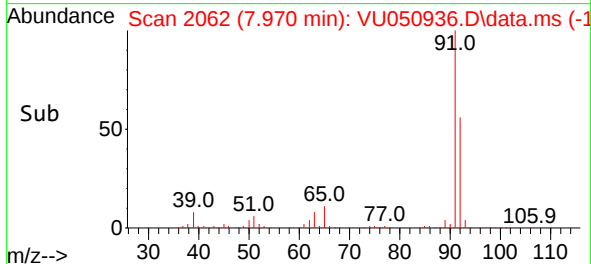
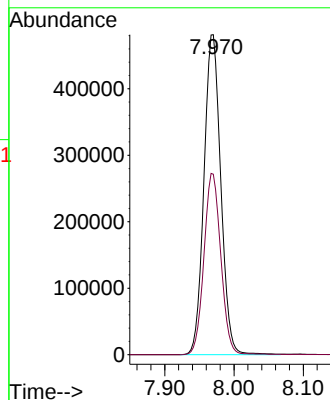
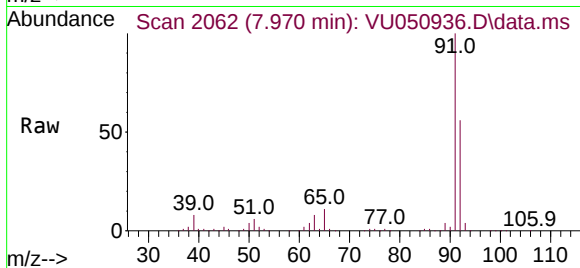
VSTD050095

Tgt Ion: 91 Resp: 812792

Ion Ratio Lower Upper

91 100

92 56.4 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 40.417 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU050936.D

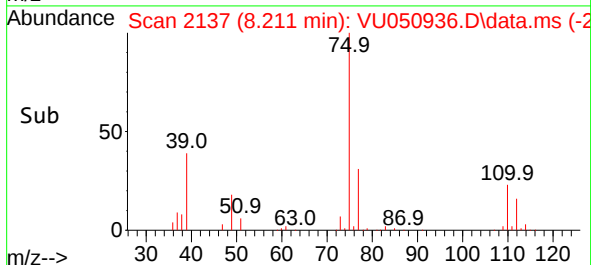
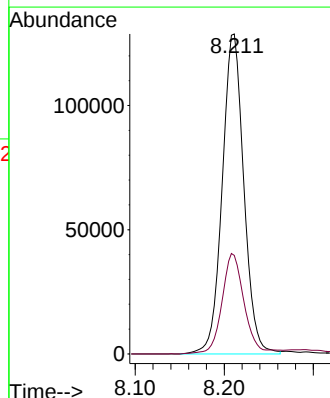
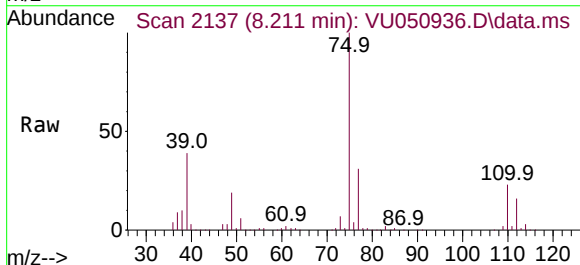
Acq: 26 Sep 2022 09:42

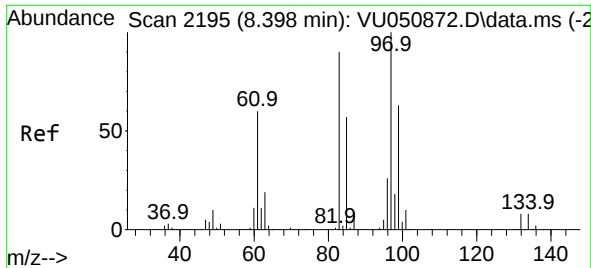
Tgt Ion: 75 Resp: 217028

Ion Ratio Lower Upper

75 100

77 30.8 21.9 40.7



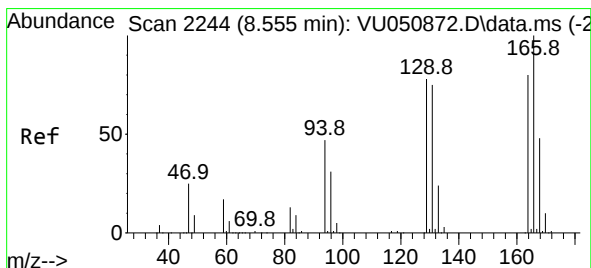
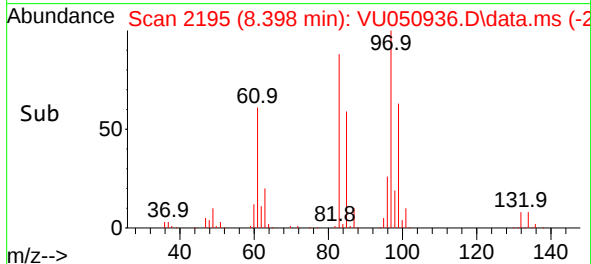
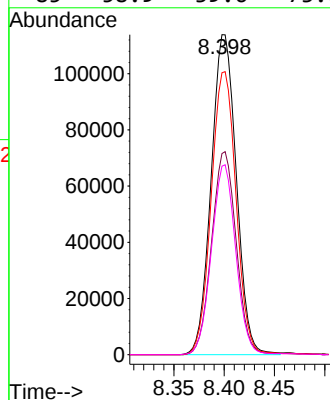
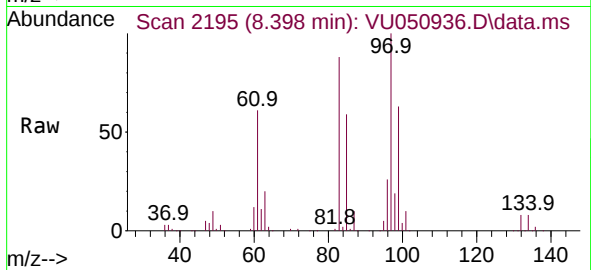


#45
1,1,2-Trichloroethane
Concen: 51.019 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

Tgt Ion: 97 Resp: 198325

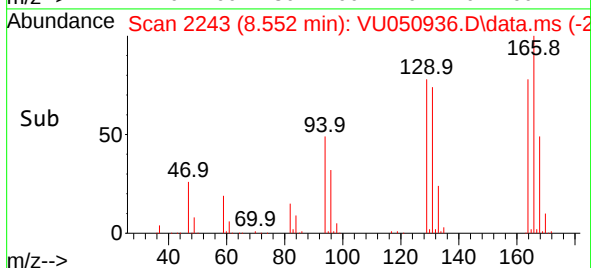
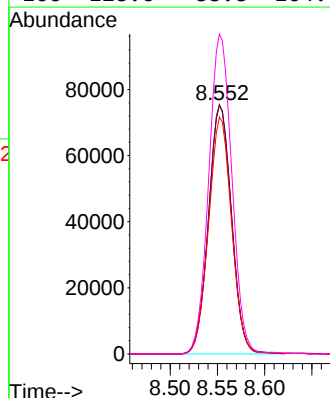
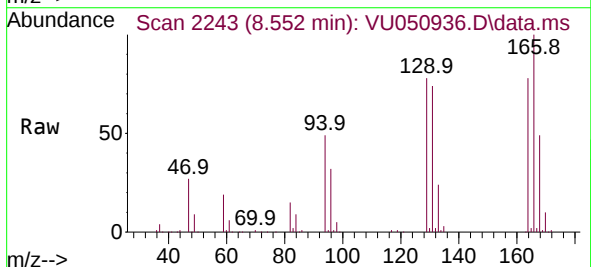
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.4
83	88.1	62.6	116.3
85	58.9	39.6	73.6

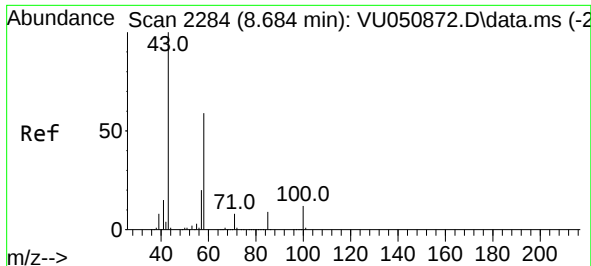


#46
Tetrachloroethene
Concen: 49.694 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 164 Resp: 127871

Ion	Ratio	Lower	Upper
164	100		
129	100.3	68.5	127.3
131	95.3	66.1	122.7
166	128.6	88.8	164.8

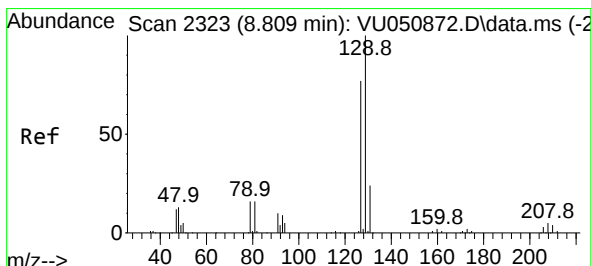
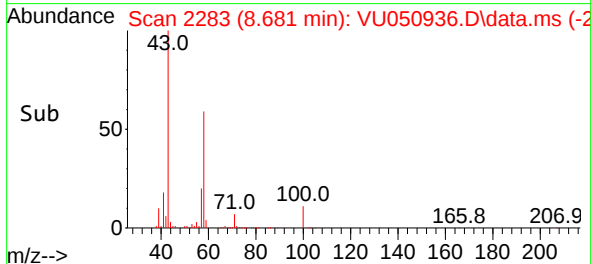
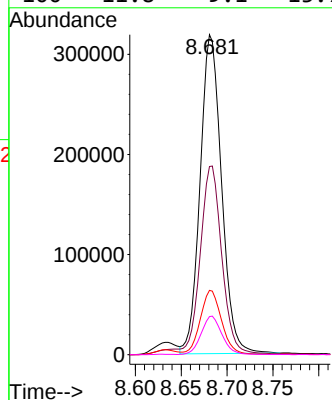
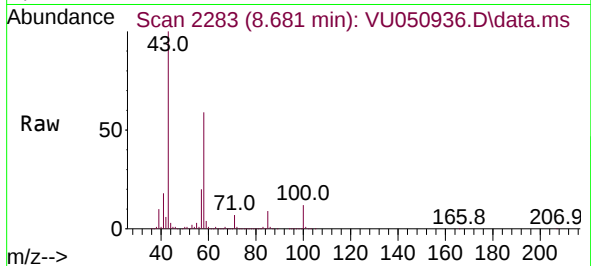




#48
2-Hexanone
Concen: 106.791 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

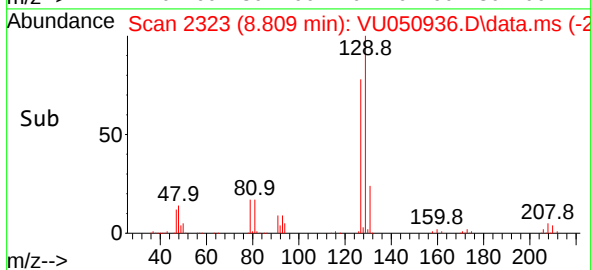
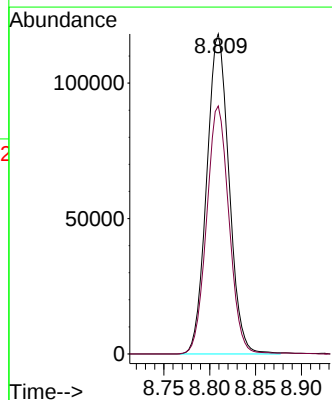
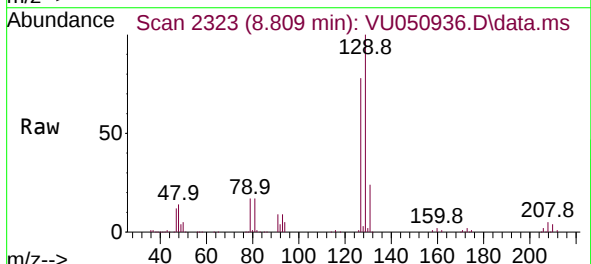
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

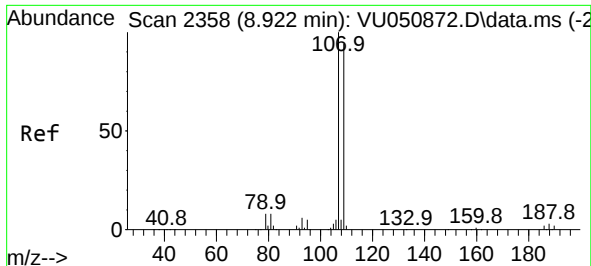
Tgt Ion: 43 Resp: 518745
Ion Ratio Lower Upper
43 100
58 58.8 47.2 70.8
57 20.1 16.2 24.4
100 11.8 9.1 13.7



#49
Dibromochloromethane
Concen: 52.532 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 129 Resp: 200229
Ion Ratio Lower Upper
129 100
127 77.5 54.5 101.1

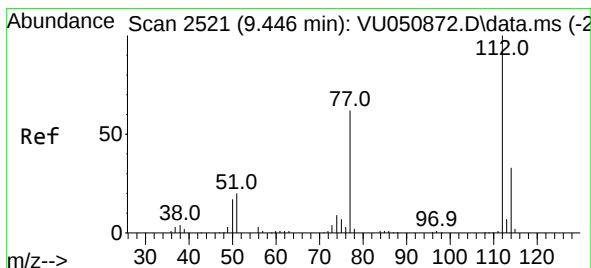
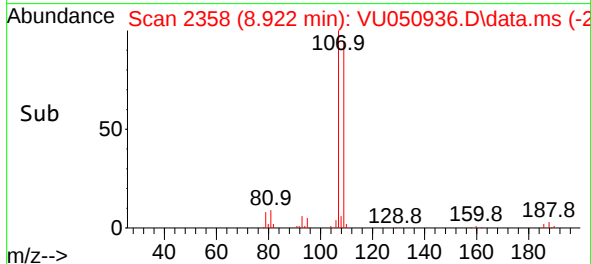
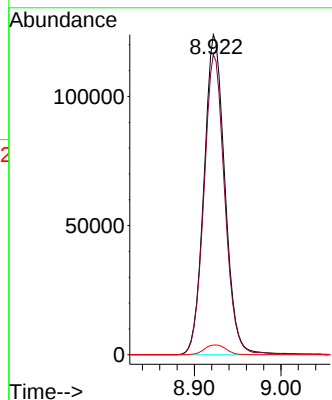
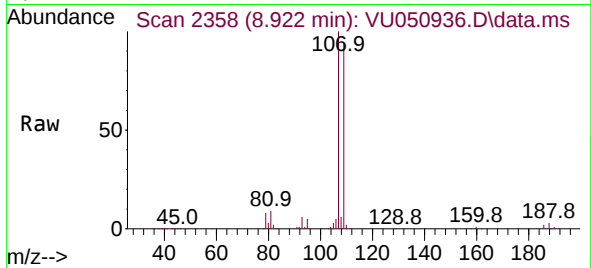




#50
1,2-Dibromoethane
Concen: 51.413 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

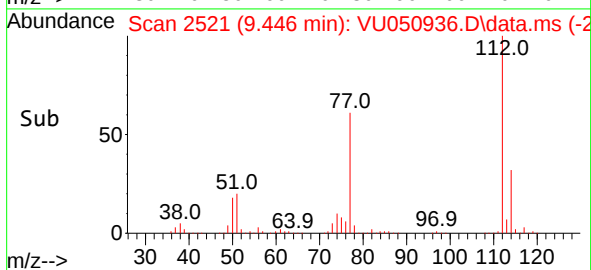
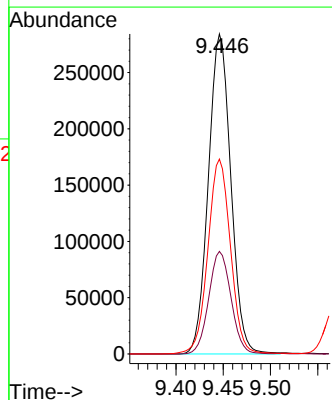
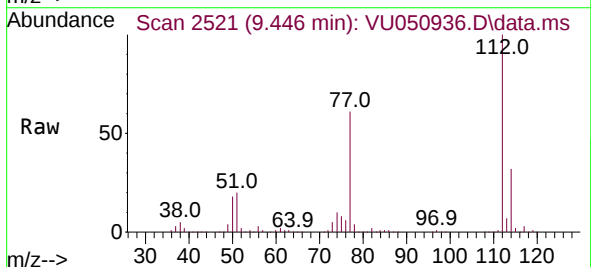
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

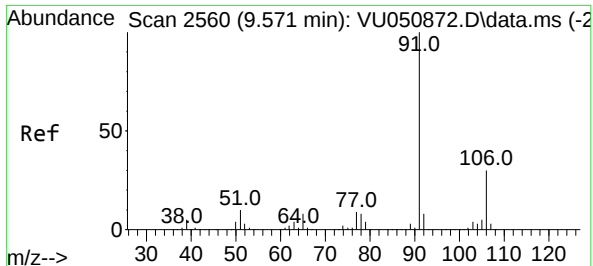
Tgt Ion:107 Resp: 207358
Ion Ratio Lower Upper
107 100
109 93.8 66.0 122.6
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 50.340 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion:112 Resp: 470301
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 60.9 49.8 74.8

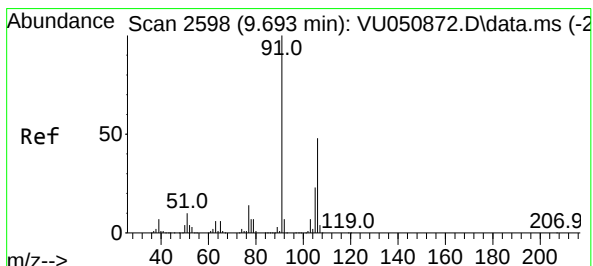
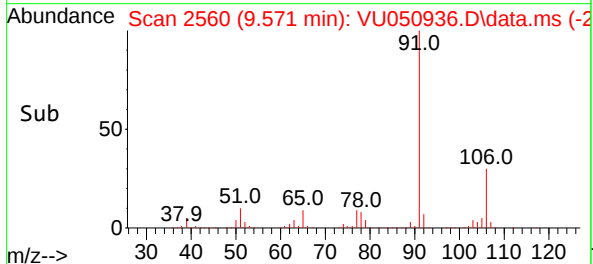
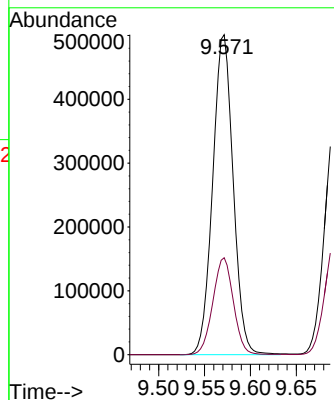
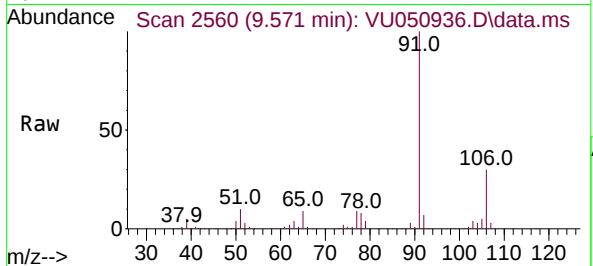




#52
Ethylbenzene
Concen: 51.018 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

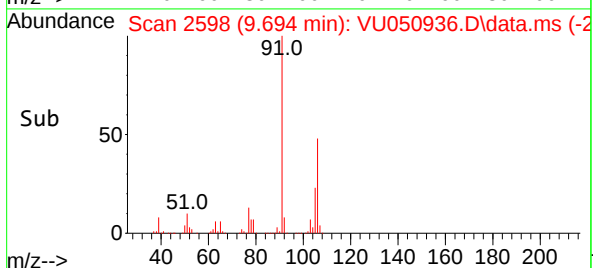
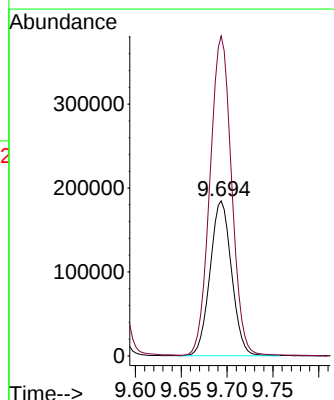
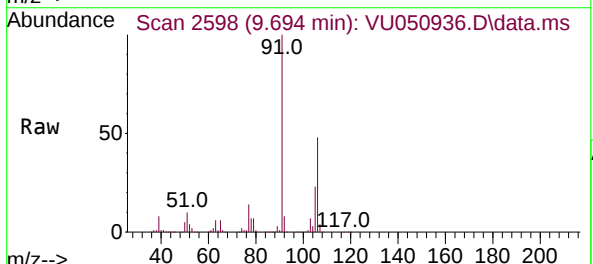
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

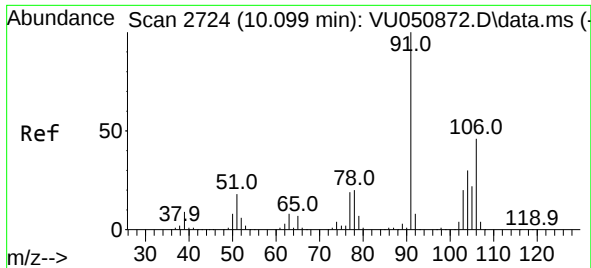
Tgt Ion: 91 Resp: 778858
Ion Ratio Lower Upper
91 100
106 30.3 21.0 39.0



#53
m,p-Xylene
Concen: 52.868 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 106 Resp: 300065
Ion Ratio Lower Upper
106 100
91 206.5 144.0 267.4

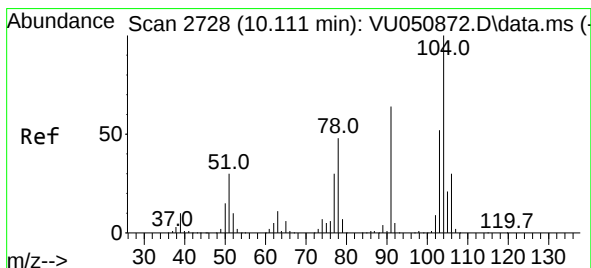
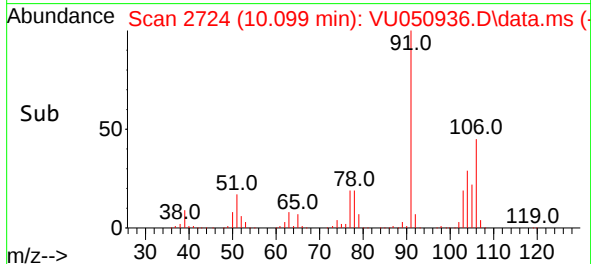
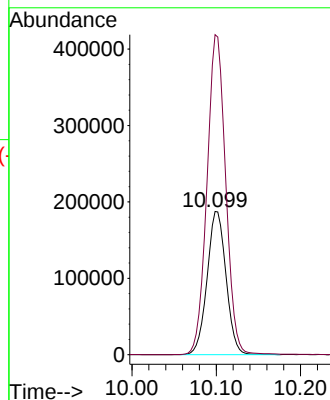
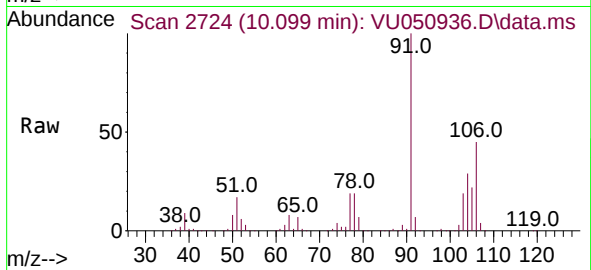




#54
o-Xylene
Concen: 51.826 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

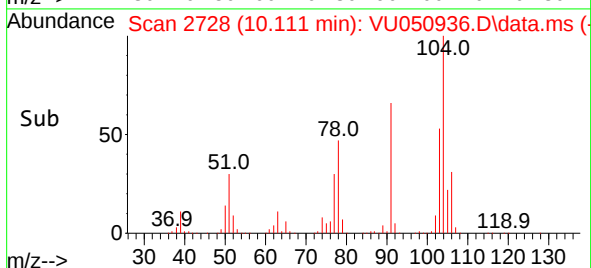
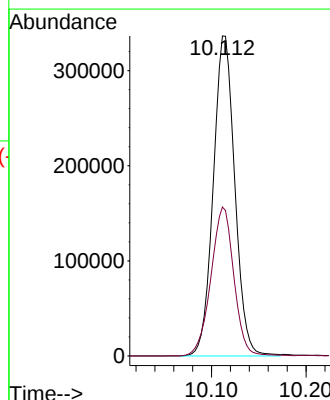
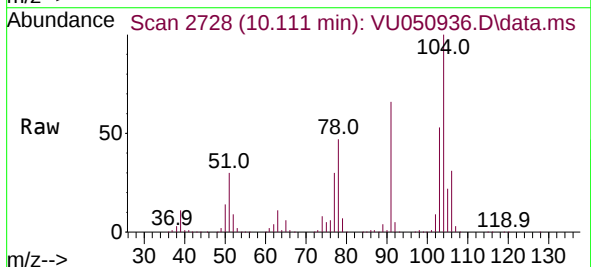
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

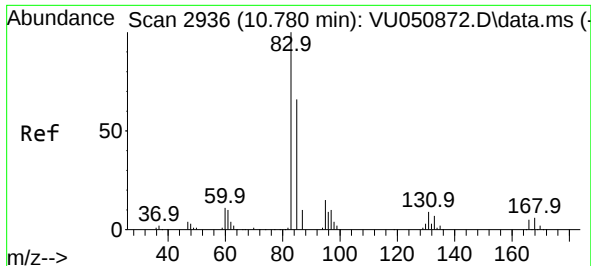
Tgt Ion:106 Resp: 293082
Ion Ratio Lower Upper
106 100
91 223.6 154.6 287.0



#55
Styrene
Concen: 54.990 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion:104 Resp: 533174
Ion Ratio Lower Upper
104 100
78 46.5 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 47.450 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050095

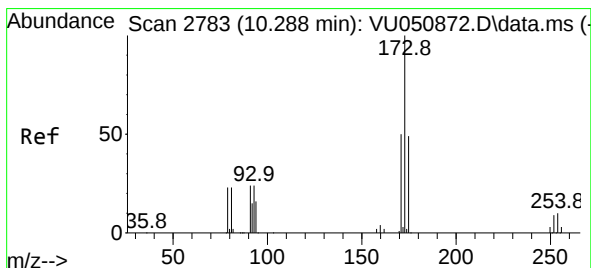
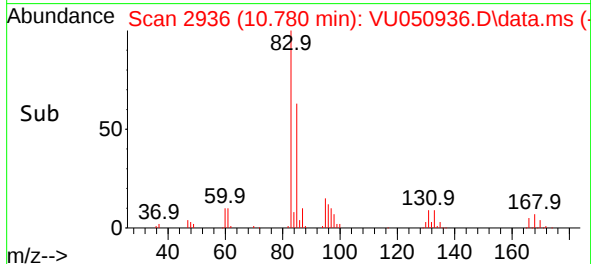
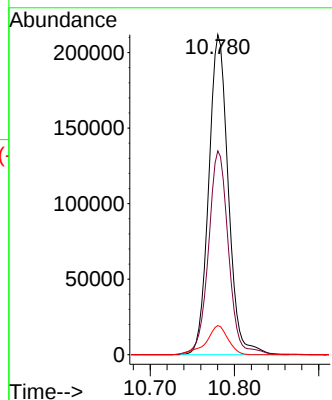
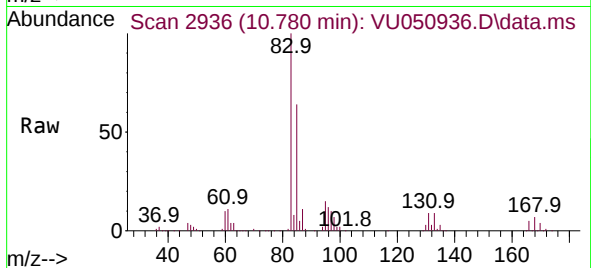
Tgt Ion: 83 Resp: 341307

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

131 9.1 7.1 10.7



#59

Bromoform

Concen: 48.390 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

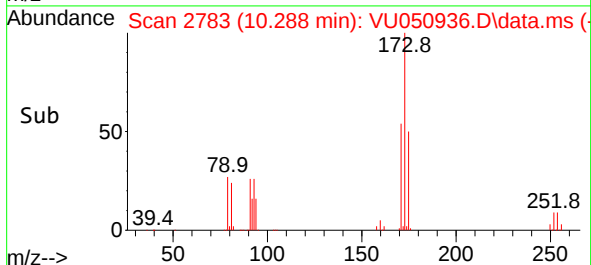
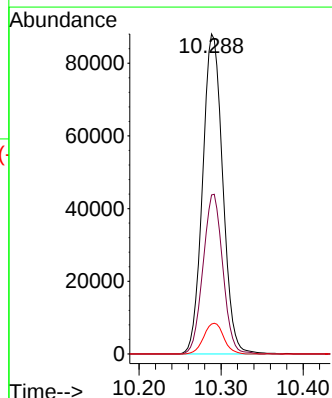
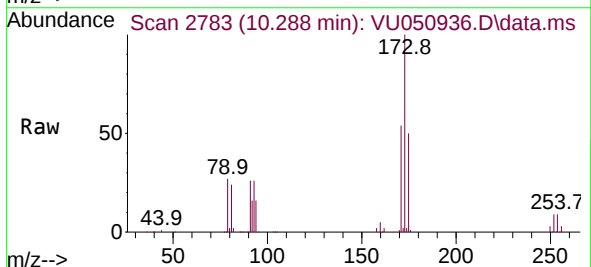
Tgt Ion:173 Resp: 149792

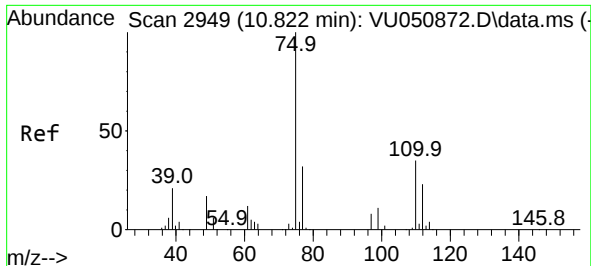
Ion Ratio Lower Upper

173 100

175 49.1 37.8 56.8

254 9.5 7.1 10.7

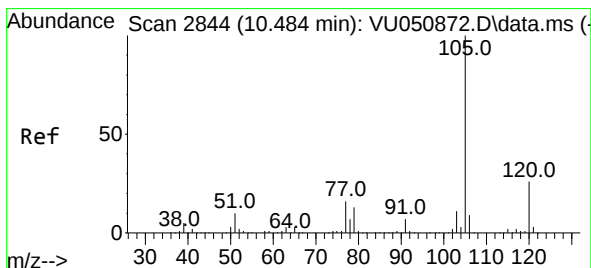
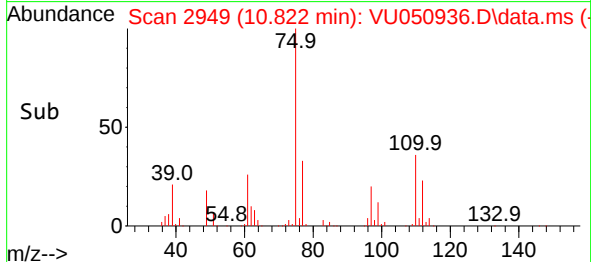
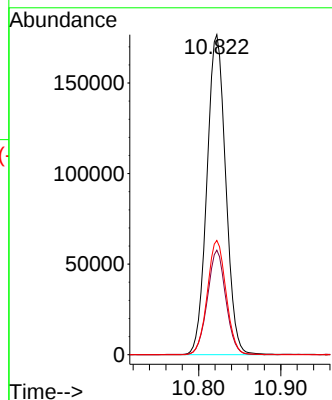
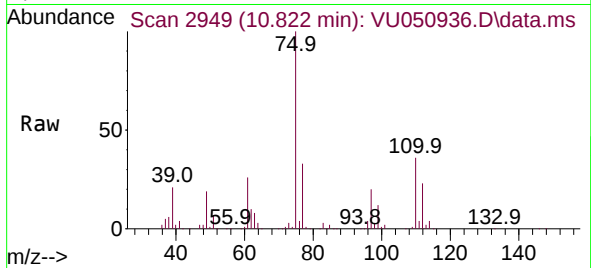




#60
1,2,3-Trichloropropane
Concen: 46.754 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

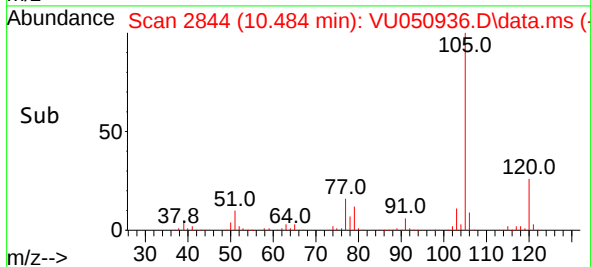
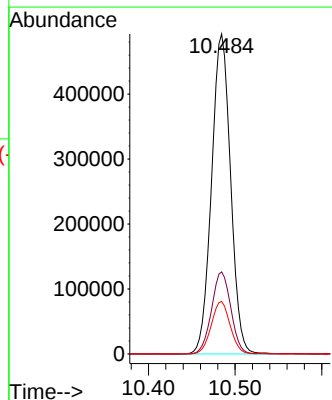
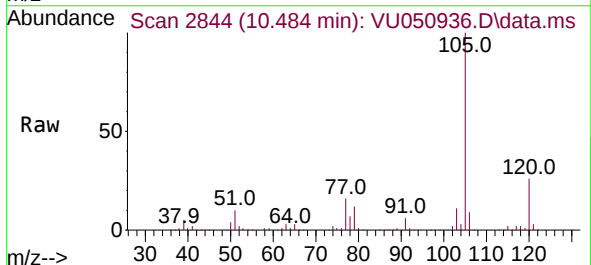
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

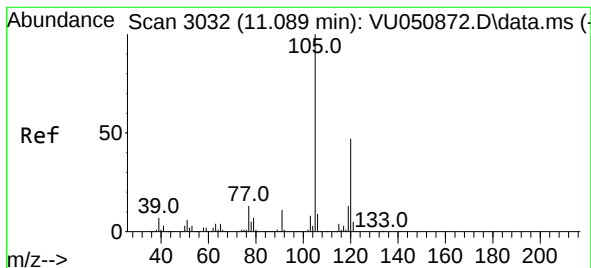
Tgt Ion: 75 Resp: 282043
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
110 35.5 28.6 43.0



#61
Isopropylbenzene
Concen: 48.998 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion: 105 Resp: 750986
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.2 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 49.066 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

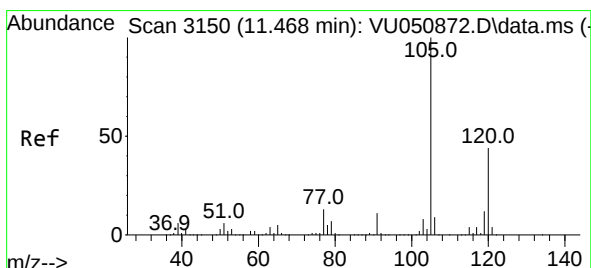
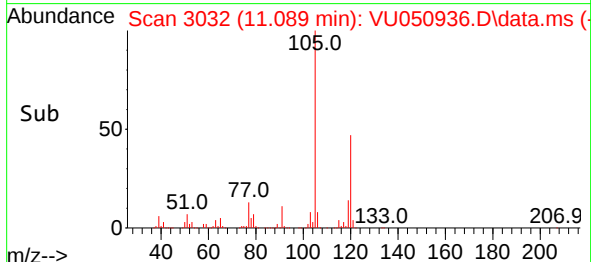
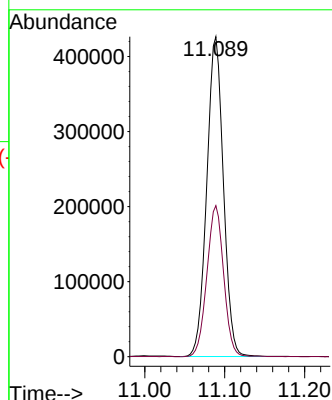
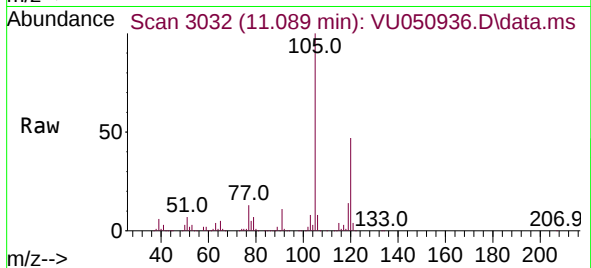
VSTD050095

Tgt Ion:105 Resp: 618204

Ion Ratio Lower Upper

105 100

120 47.5 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 50.324 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU050936.D

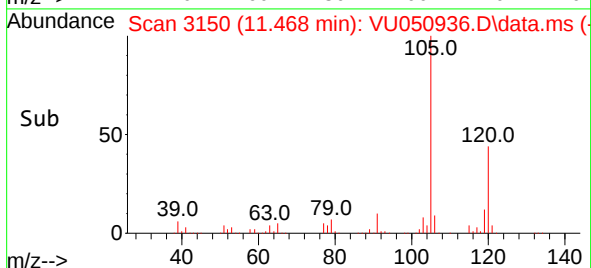
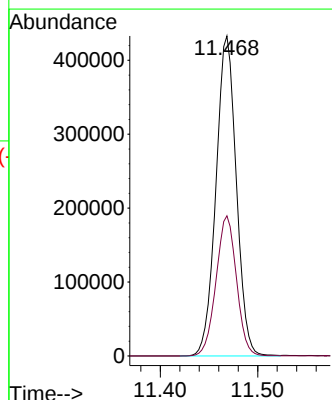
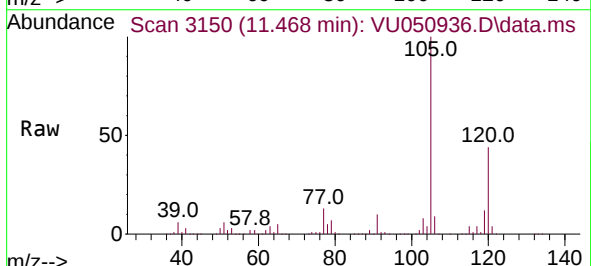
Acq: 26 Sep 2022 09:42

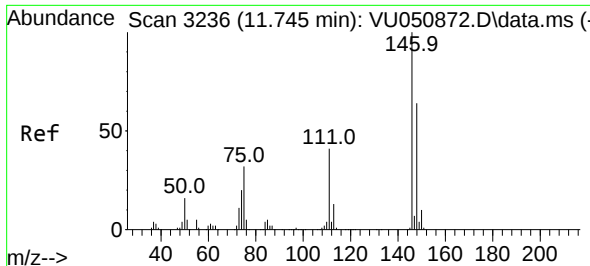
Tgt Ion:105 Resp: 627921

Ion Ratio Lower Upper

105 100

120 44.0 34.9 52.3

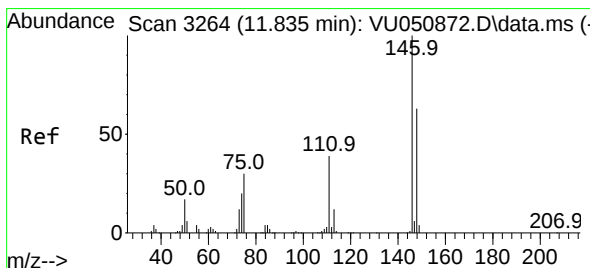
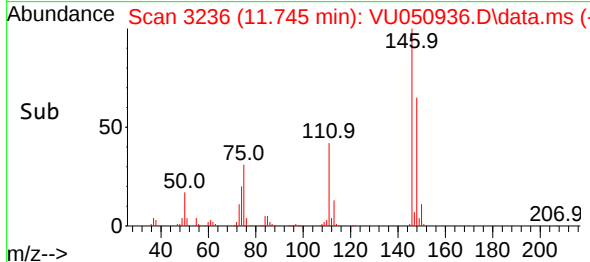
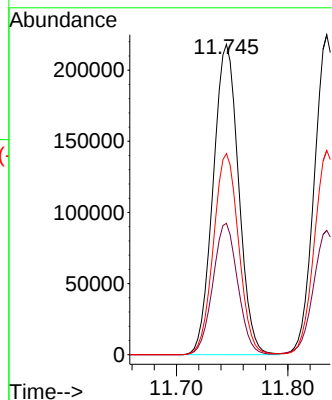
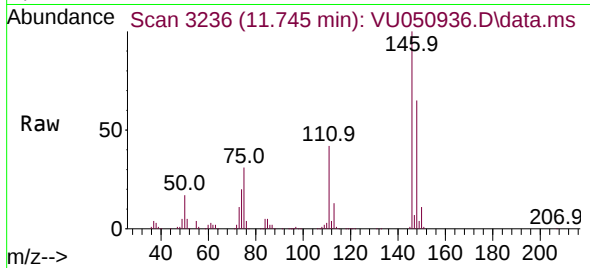




#64
1,3-Dichlorobenzene
Concen: 49.512 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

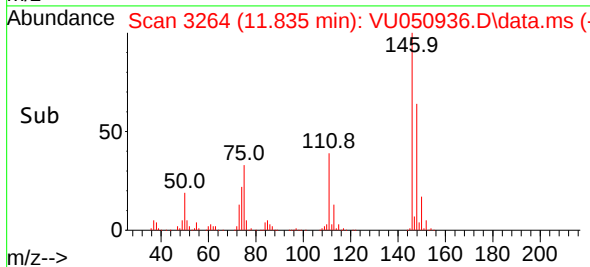
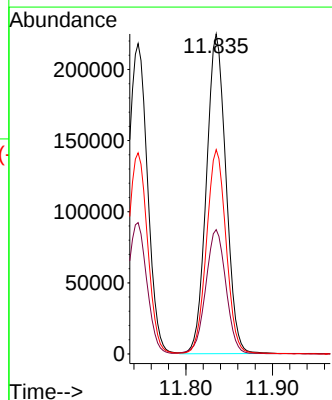
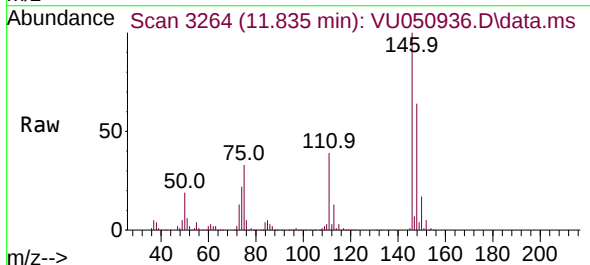
Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

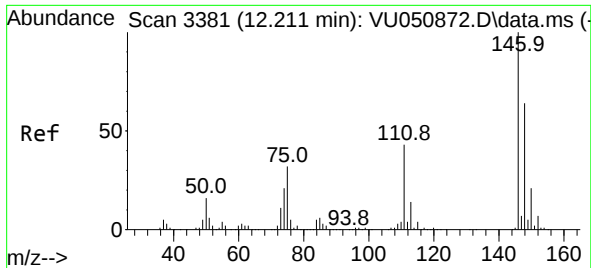
Tgt Ion:146 Resp: 347022
Ion Ratio Lower Upper
146 100
111 42.3 27.9 51.7
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.469 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion:146 Resp: 352007
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 63.9 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 48.964 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050095

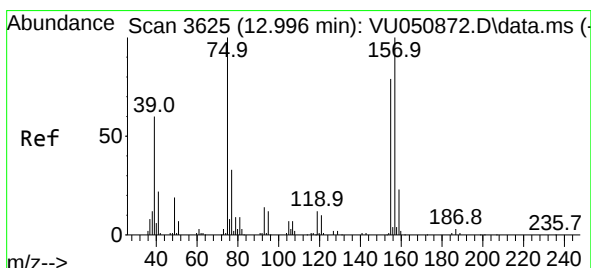
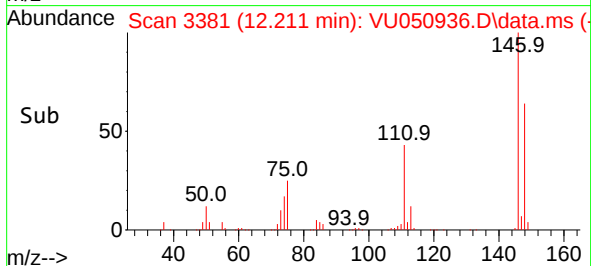
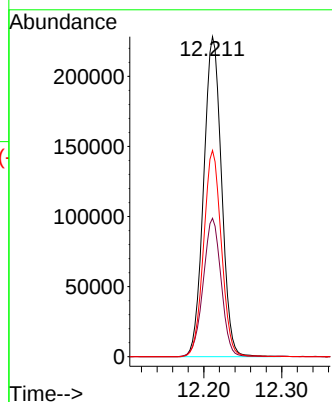
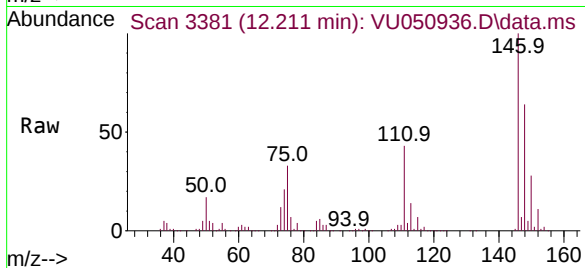
Tgt Ion:146 Resp: 363376

Ion Ratio Lower Upper

146 100

111 43.3 35.2 52.8

148 64.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.270 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050936.D

Acq: 26 Sep 2022 09:42

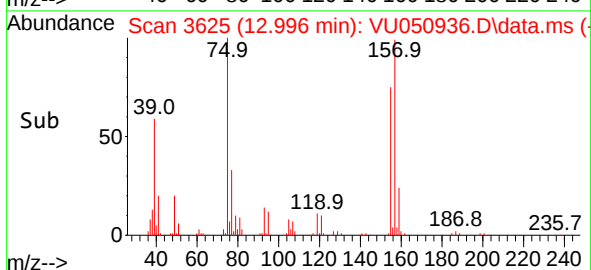
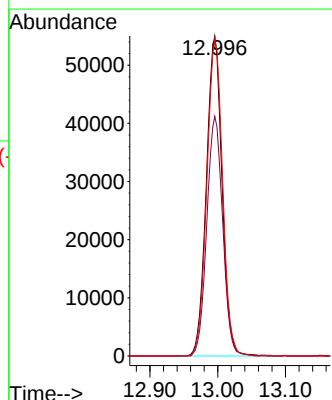
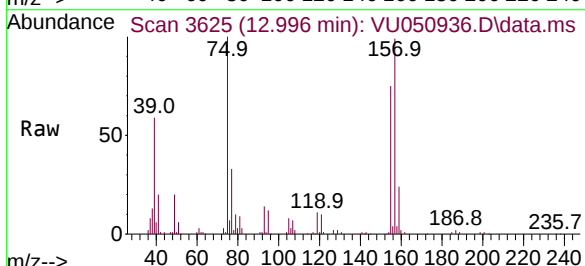
Tgt Ion: 75 Resp: 88383

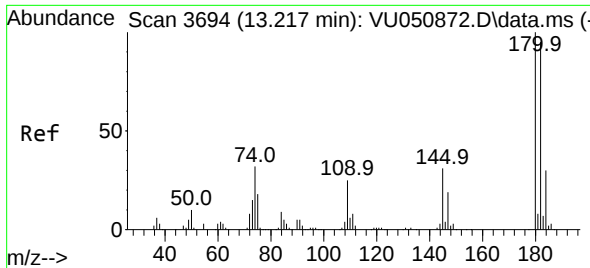
Ion Ratio Lower Upper

75 100

155 74.9 63.8 95.8

157 99.2 81.8 122.8

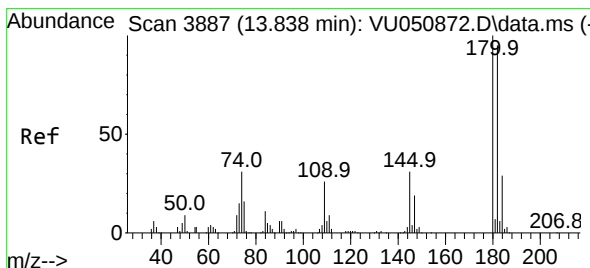
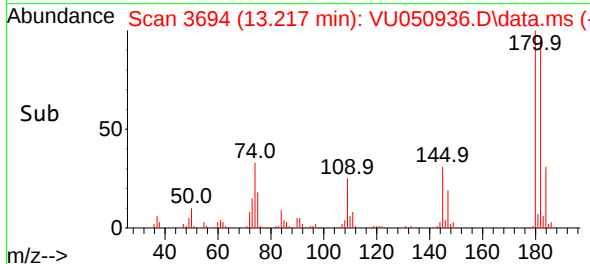
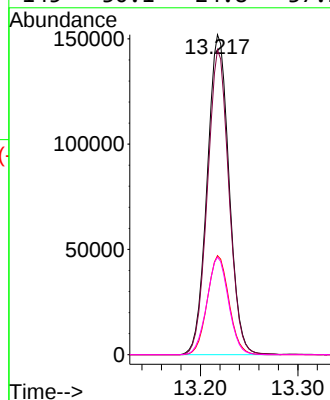
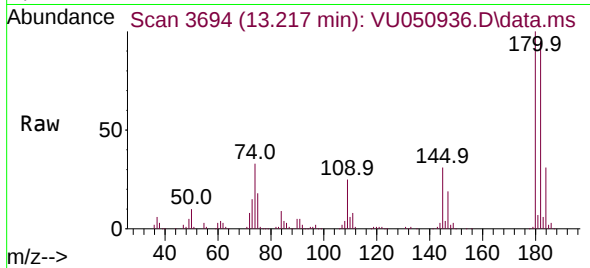




#69
 1,3,5-Trichlorobenzene
 Concen: 48.273 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU050936.D
 Acq: 26 Sep 2022 09:42

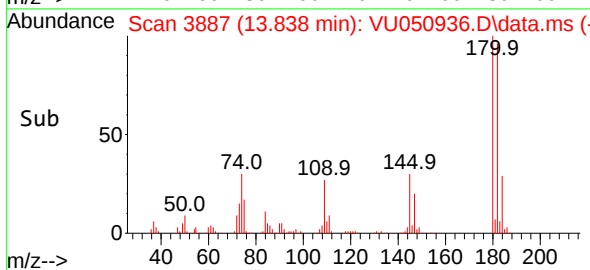
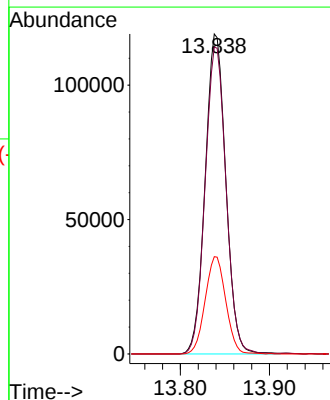
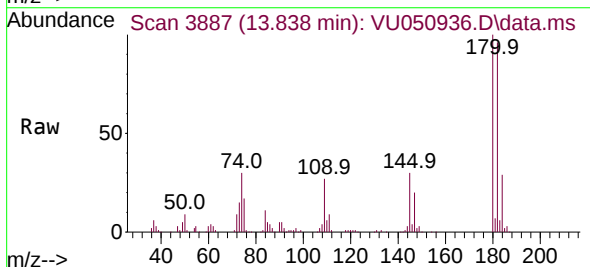
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050095

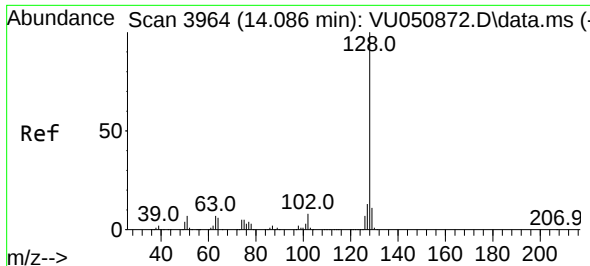
Tgt Ion:180 Resp: 236724
 Ion Ratio Lower Upper
 180 100
 182 93.6 78.2 117.2
 184 30.6 24.8 37.2
 145 30.1 24.8 37.2



#70
 1,2,4-trichlorobenzene
 Concen: 47.622 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU050936.D
 Acq: 26 Sep 2022 09:42

Tgt Ion:180 Resp: 191113
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.2 114.2
 145 30.3 25.1 37.7

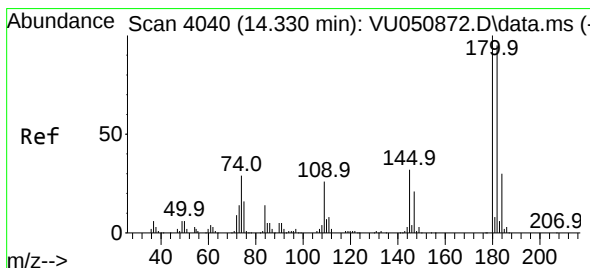
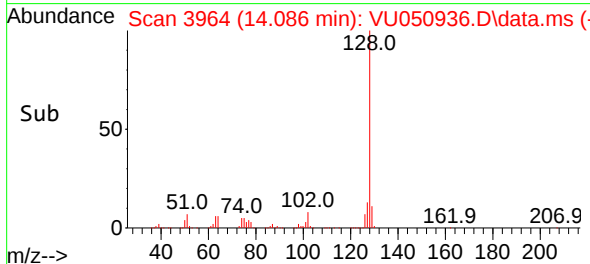
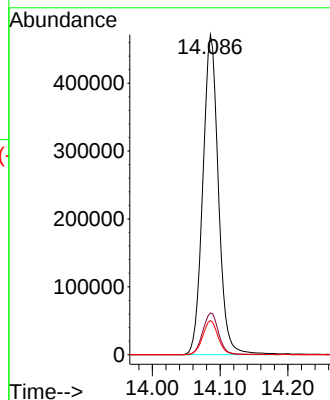
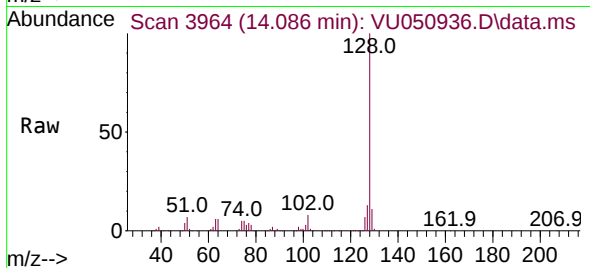




#71
Naphthalene
Concen: 48.892 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050095

Tgt Ion:	128	Resp:	754071
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.5	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.570 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU050936.D
Acq: 26 Sep 2022 09:42

Tgt Ion:	180	Resp:	227134
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.9	115.3
145	33.0	26.3	39.5

