

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092722\
 Data File : VU050950.D
 Acq On : 27 Sep 2022 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050097

Quant Time: Sep 28 01:54:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403850	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	408003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	214126	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153811	36.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.520%
7) Chloroethane-d5	1.909	69	134302	45.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.568	63	279207	42.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
21) 2-Butanone-d5	4.620	46	305843	113.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.220%
24) Chloroform-d	5.063	84	338545	51.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.260%
26) 1,2-Dichloroethane-d4	5.700	65	211353	52.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.600%
32) Benzene-d6	5.726	84	645810	48.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	6.690	67	219650	48.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	7.899	98	596458	50.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.540%
43) trans-1,3-Dichloroprop...	8.179	79	98150	49.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.480%
47) 2-Hexanone-d5	8.632	63	181576	97.132	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.130%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	359148	51.931	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.860%
66) 1,2-Dichlorobenzene-d4	12.192	152	226119	50.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	198649	47.504	ug/L	100
3) Chloromethane	1.520	50	224007	46.078	ug/L	98
5) Vinyl chloride	1.604	62	228603	48.032	ug/L	99
6) Bromomethane	1.855	94	140520	58.443	ug/L	96
8) Chloroethane	1.932	64	139295	52.861	ug/L	100
9) Trichlorofluoromethane	2.137	101	278158	53.881	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	175664	53.162	ug/L	100
12) 1,1-Dichloroethene	2.581	96	156273	50.334	ug/L	87
13) Acetone	2.623	43	280291	122.543	ug/L	99
14) Carbon disulfide	2.793	76	495435	50.463	ug/L	99
15) Methyl Acetate	2.948	43	221432	51.299	ug/L	97
16) Methylene chloride	3.044	84	200434	46.494	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	167477	52.629	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	487204	50.222	ug/L	99
19) 1,1-Dichloroethane	3.867	63	323352	50.289	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	185719	52.636	ug/L	93
22) 2-Butanone	4.700	43	351401	116.553	ug/L	98
23) Bromochloromethane	4.973	128	98967	53.518	ug/L	95
25) Chloroform	5.086	83	343368	53.584	ug/L	99

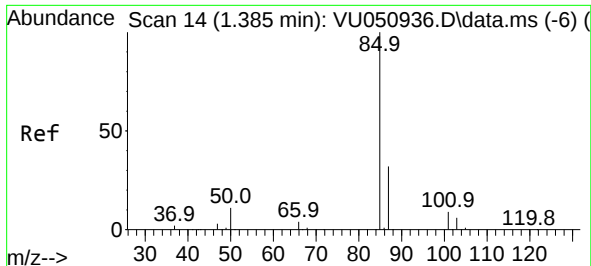
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	260515	53.495	ug/L	98
29) Cyclohexane	5.391	56	256503	45.683	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	277404	51.106	ug/L	98
31) Carbon tetrachloride	5.523	117	234284	51.956	ug/L	99
33) Benzene	5.774	78	764779	50.934	ug/L	100
34) Trichloroethene	6.542	95	189257	54.262	ug/L	99
35) Methylcyclohexane	6.764	83	283205	50.394	ug/L	98
37) 1,2-Dichloropropane	6.790	63	202299	49.236	ug/L	100
38) Bromodichloromethane	7.105	83	259031	52.914	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	274345	49.897	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	586991	103.664	ug/L	100
42) Toluene	7.970	91	815567	54.715	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	271989	52.002	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	198929	52.538	ug/L	99
46) Tetrachloroethene	8.555	164	136001	54.261	ug/L	99
48) 2-Hexanone	8.684	43	521158	110.146	ug/L	100
49) Dibromochloromethane	8.809	129	202205	54.464	ug/L	100
50) 1,2-Dibromoethane	8.922	107	207551	52.832	ug/L	99
51) Chlorobenzene	9.446	112	475254	52.225	ug/L	99
52) Ethylbenzene	9.571	91	785845	52.847	ug/L	99
53) m,p-Xylene	9.693	106	312308	56.491	ug/L	100
54) o-Xylene	10.102	106	300090	54.478	ug/L	96
55) Styrene	10.115	104	541081	57.292	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	343040	48.962	ug/L	99
59) Bromoform	10.291	173	153202	49.571	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	279806	46.457	ug/L	98
61) Isopropylbenzene	10.484	105	767111	50.130	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	633015	50.322	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	647136	51.947	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	368354	52.639	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	372166	52.386	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	378228	51.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	83998	50.708	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	262456	53.606	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	215717	53.839	ug/L	100
71) Naphthalene	14.086	128	759350	49.313	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	242295	54.032	ug/L	99

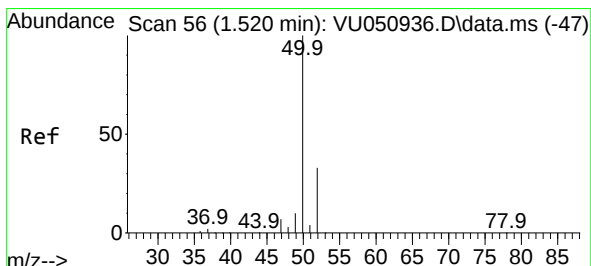
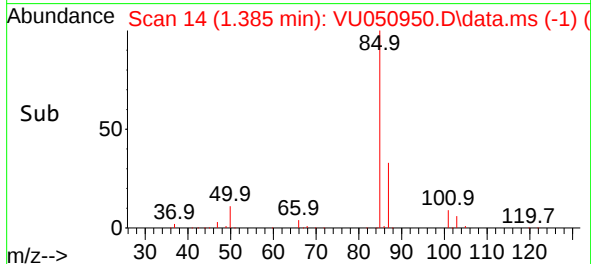
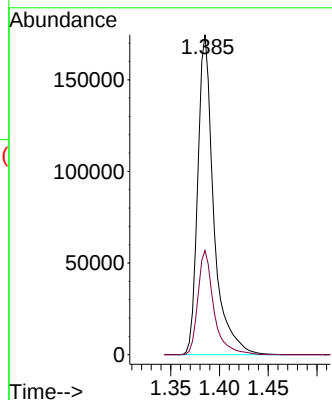
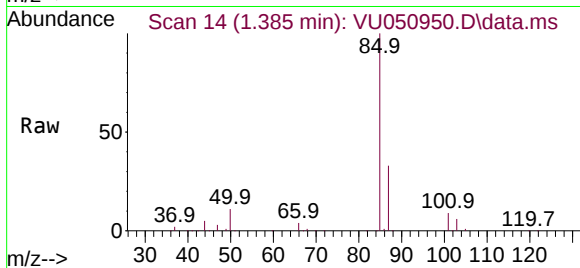
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 47.504 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

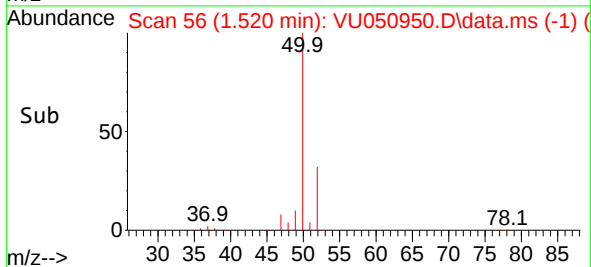
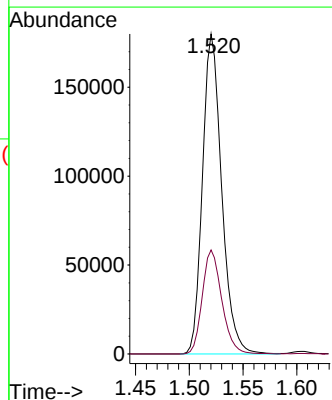
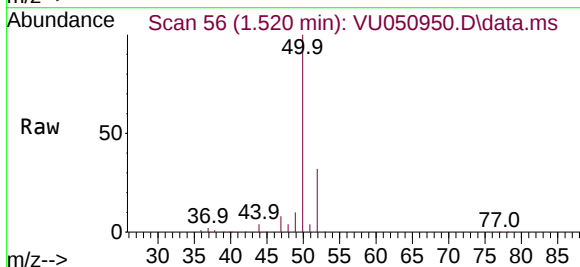
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

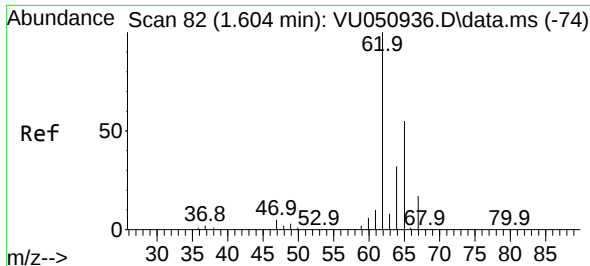
Tgt Ion: 85 Resp: 198649
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 46.078 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 50 Resp: 224007
Ion Ratio Lower Upper
50 100
52 32.5 23.7 43.9

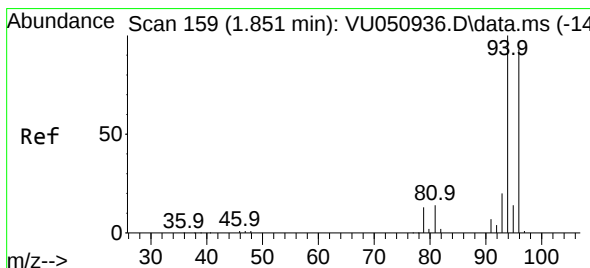
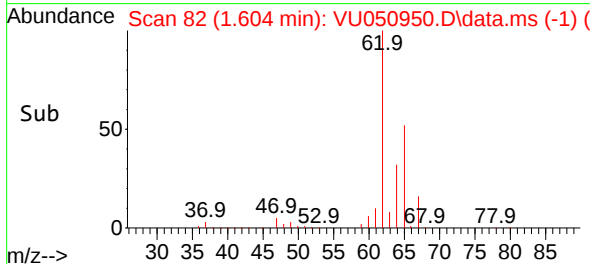
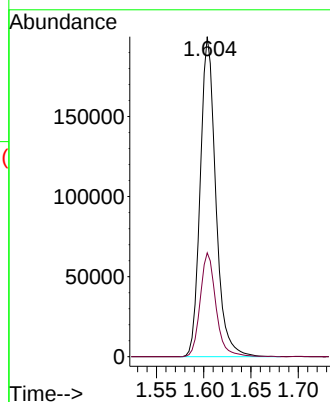
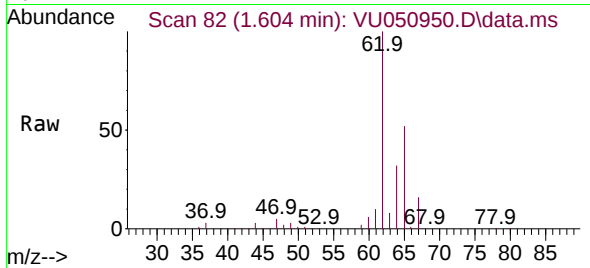




#5
 Vinyl chloride
 Concen: 48.032 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

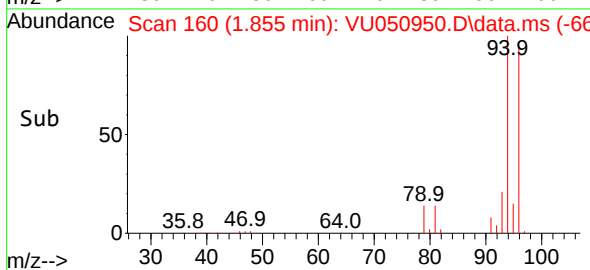
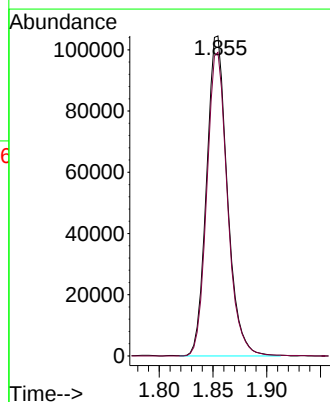
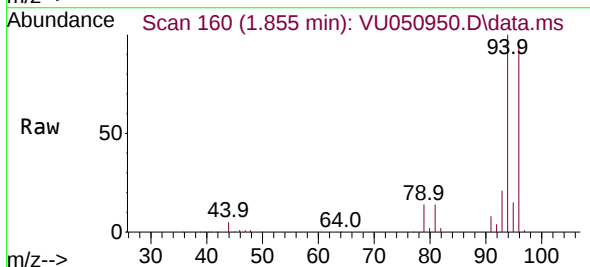
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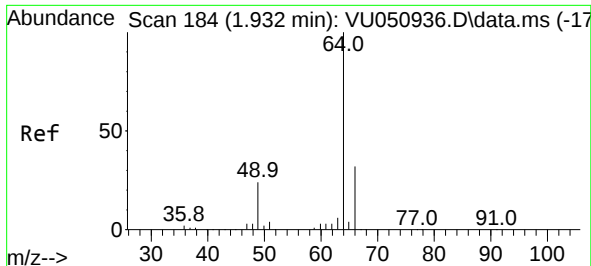
Tgt Ion: 62 Resp: 228603
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.2 41.2



#6
 Bromomethane
 Concen: 58.443 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

Tgt Ion: 94 Resp: 140520
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.0 119.0

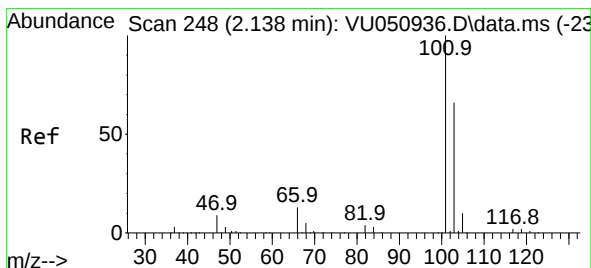
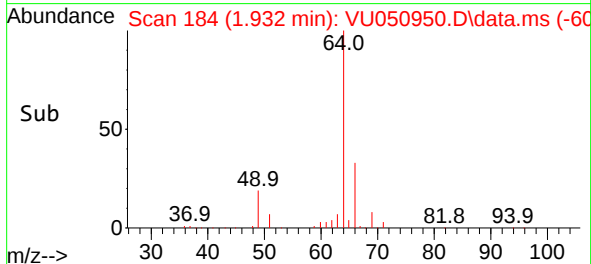
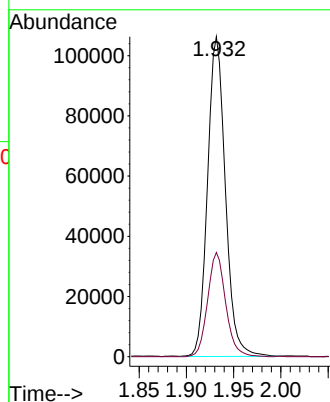
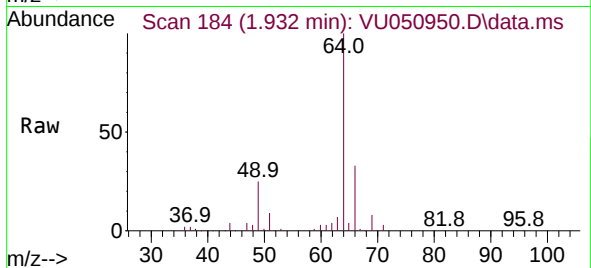




#8
Chloroethane
Concen: 52.861 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

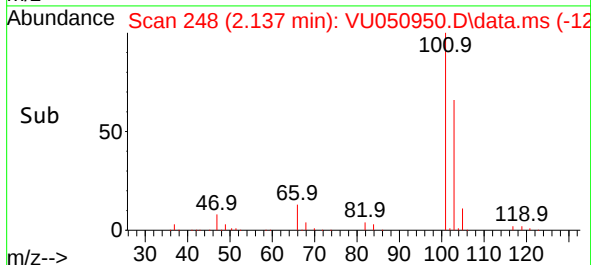
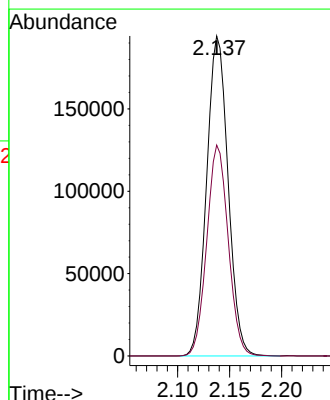
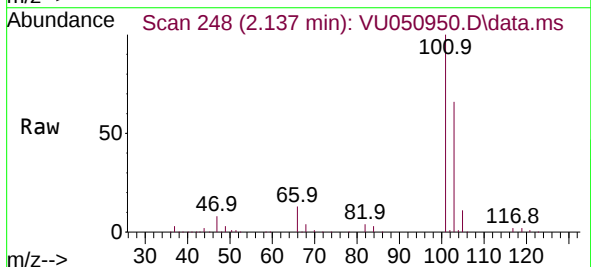
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ClientSampleId :
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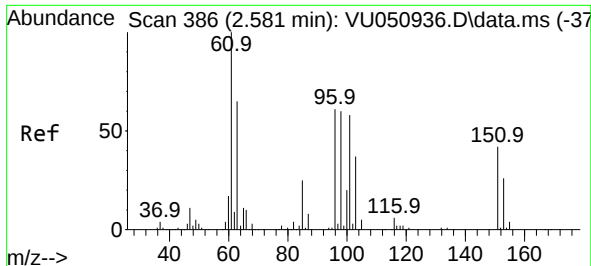
Tgt Ion: 64 Resp: 139295
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 53.881 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion:101 Resp: 278158
Ion Ratio Lower Upper
101 100
103 66.0 50.9 76.3

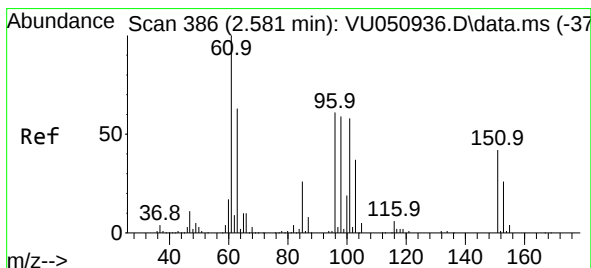
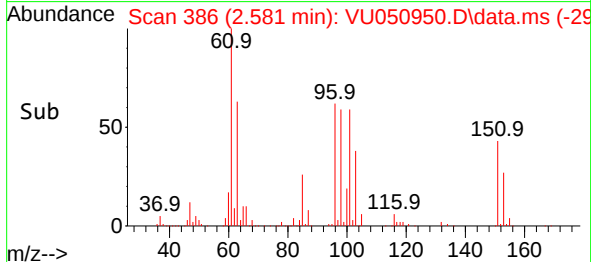
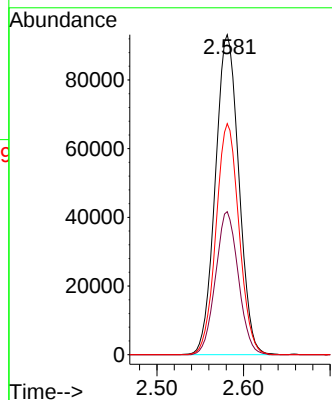
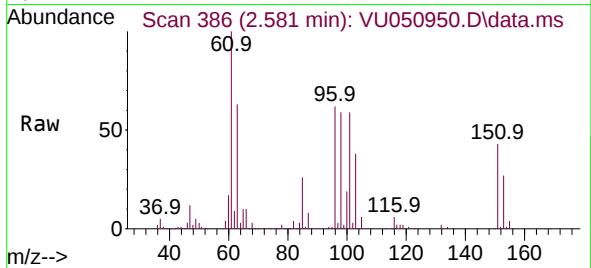




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.162 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

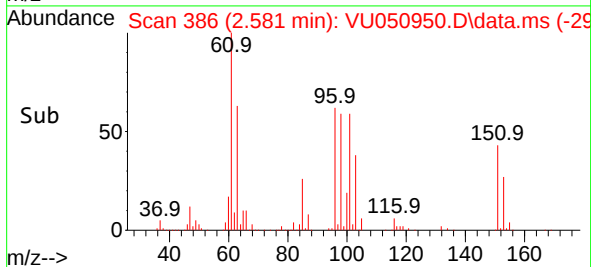
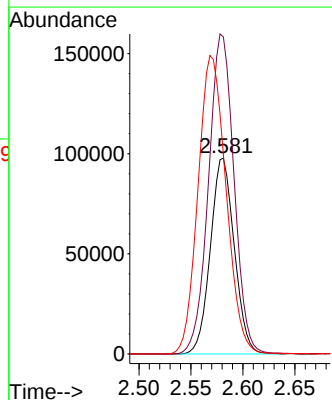
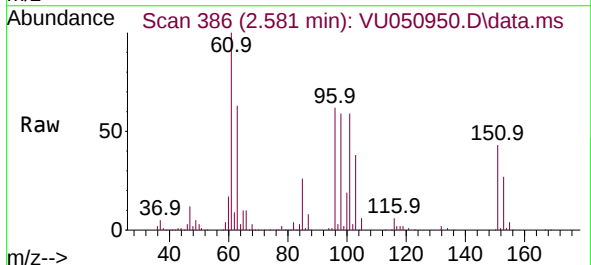
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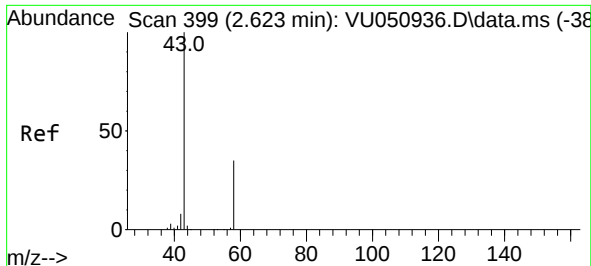
Tgt Ion:101 Resp: 175664
Ion Ratio Lower Upper
101 100
85 43.4 35.1 52.7
151 70.9 56.6 84.8



#12
1,1-Dichloroethene
Concen: 50.334 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 96 Resp: 156273
Ion Ratio Lower Upper
96 100
61 161.8 118.6 220.2
63 101.7 90.4 168.0





#13

Acetone

Concen: 122.543 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

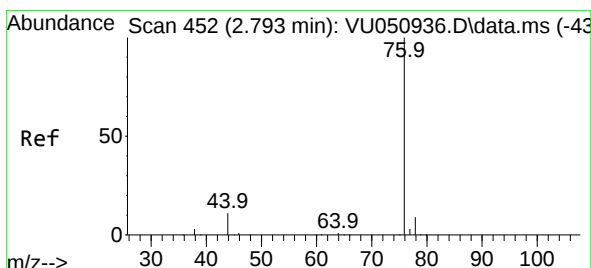
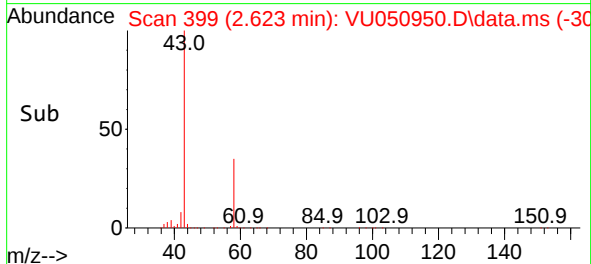
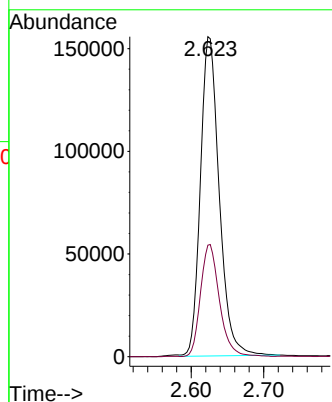
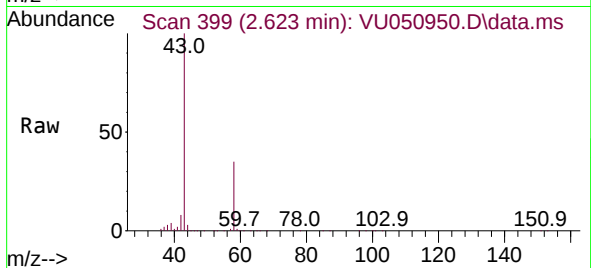
VSTD050097

Tgt Ion: 43 Resp: 280291

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.4



#14

Carbon disulfide

Concen: 50.463 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU050950.D

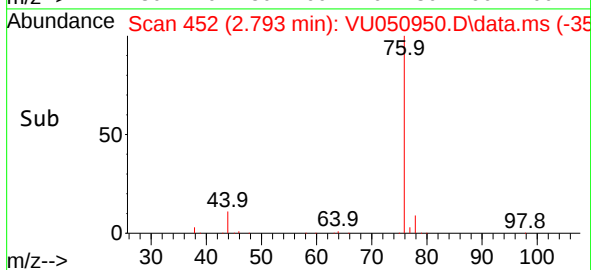
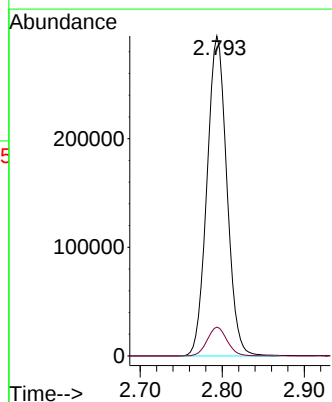
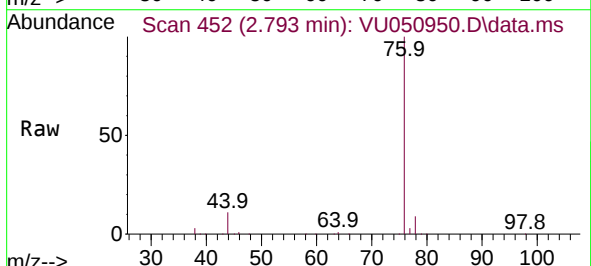
Acq: 27 Sep 2022 11:15

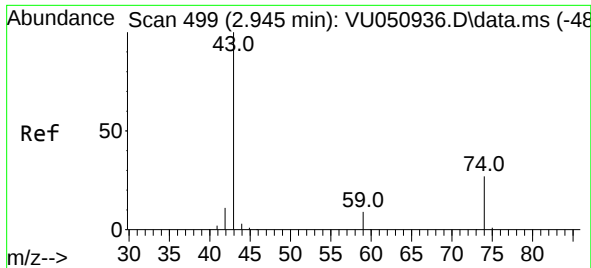
Tgt Ion: 76 Resp: 495435

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

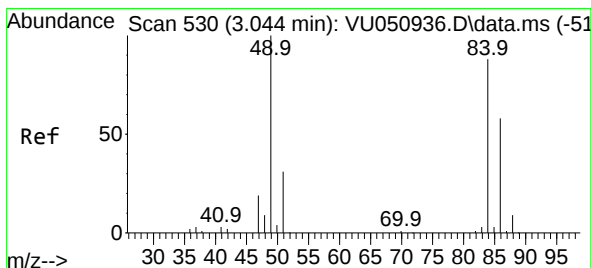
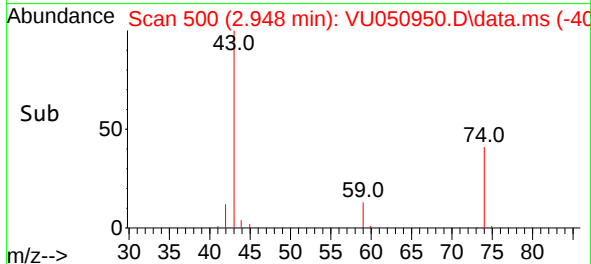
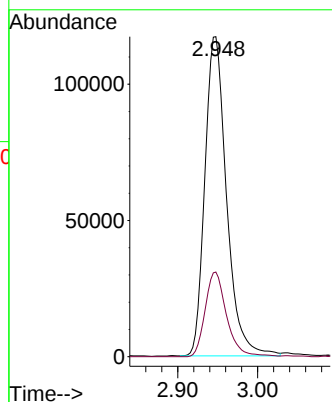
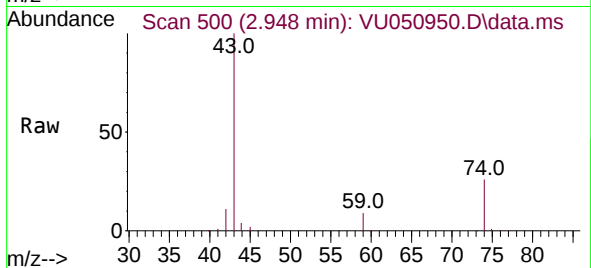




#15
Methyl Acetate
Concen: 51.299 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

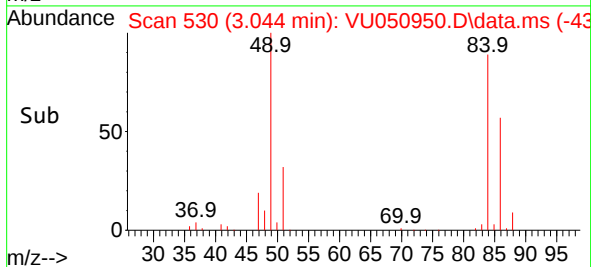
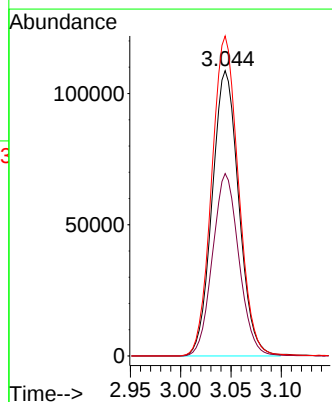
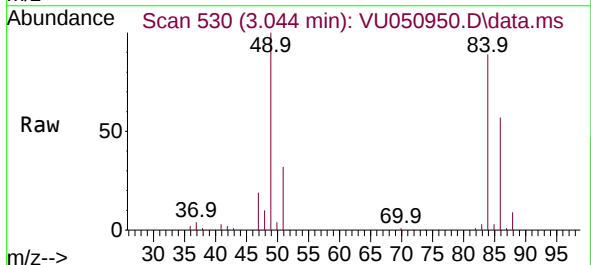
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

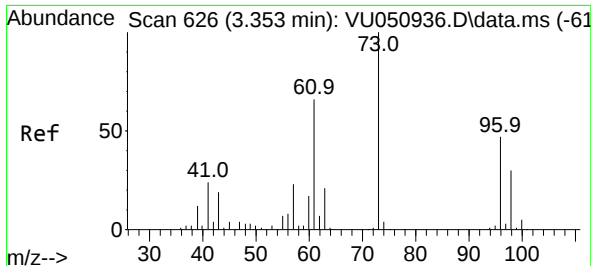
Tgt Ion: 43 Resp: 221432
Ion Ratio Lower Upper
43 100
74 26.2 19.9 29.9



#16
Methylene chloride
Concen: 46.494 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 84 Resp: 200434
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.5
49 112.2 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 52.629 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD050097

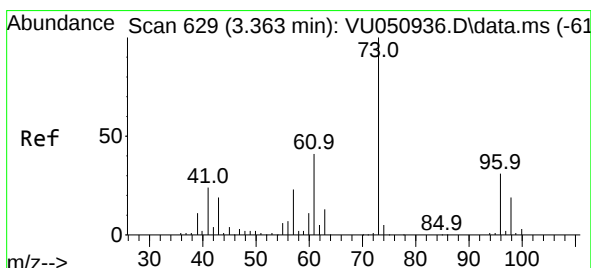
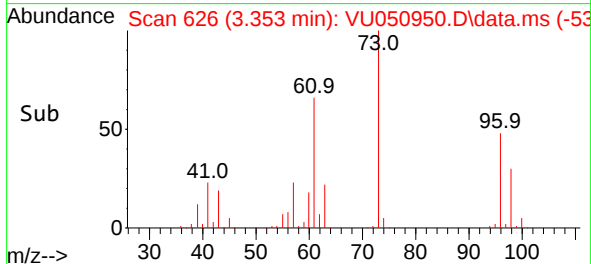
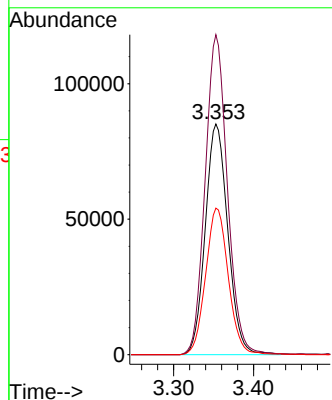
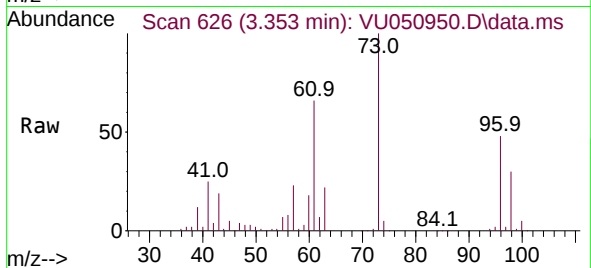
Tgt Ion: 96 Resp: 167477

Ion Ratio Lower Upper

96 100

61 138.7 98.0 182.0

98 63.6 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 50.222 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

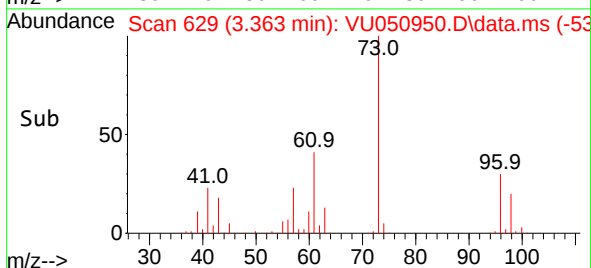
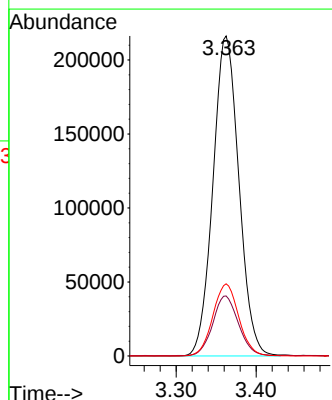
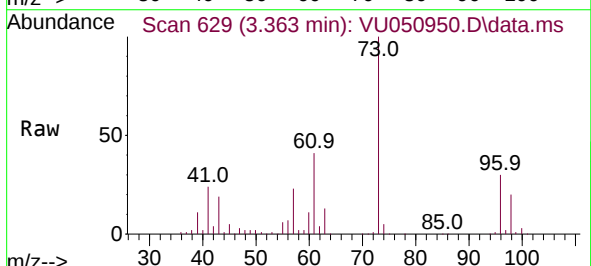
Tgt Ion: 73 Resp: 487204

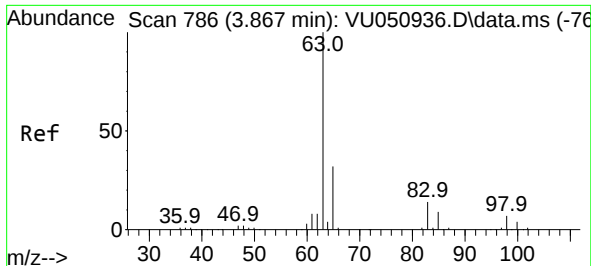
Ion Ratio Lower Upper

73 100

43 18.4 14.4 21.6

57 22.5 18.6 27.8

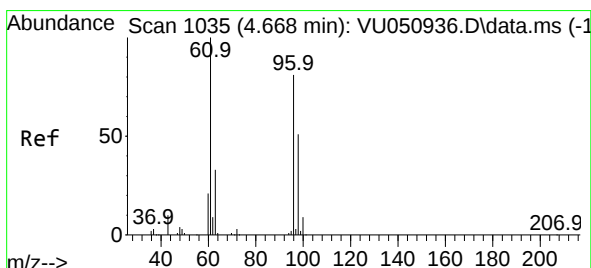
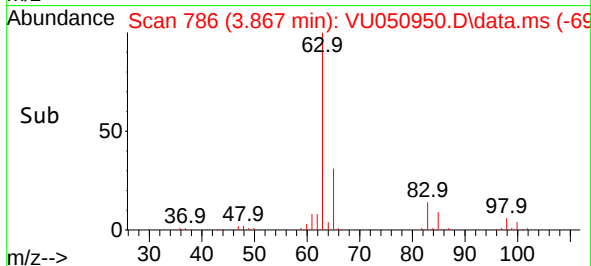
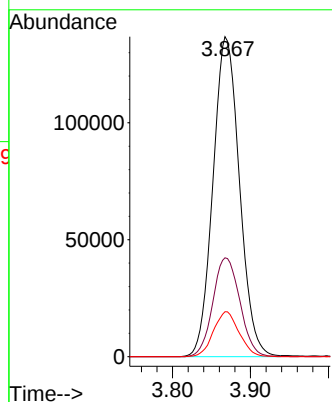
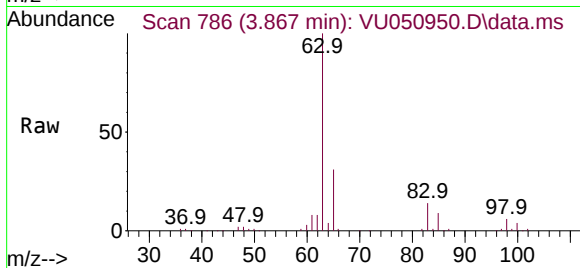




#19
1,1-Dichloroethane
Concen: 50.289 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

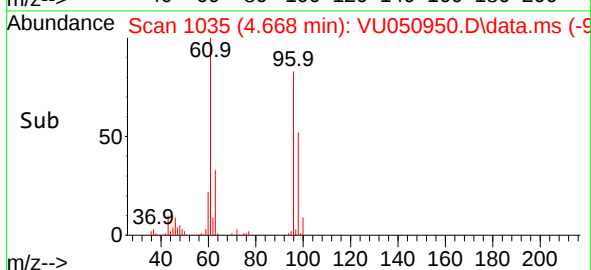
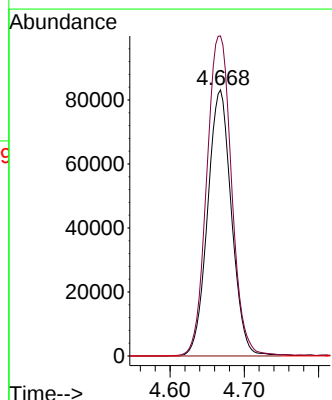
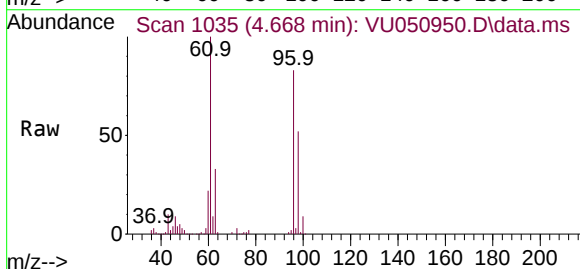
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

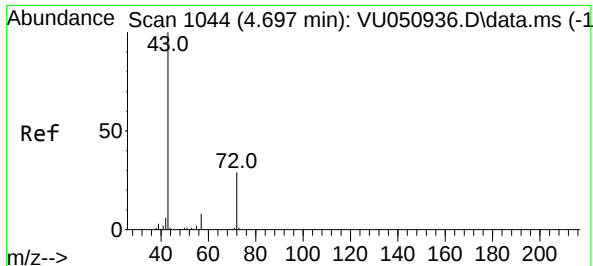
Tgt Ion: 63 Resp: 323352
Ion Ratio Lower Upper
63 100
65 30.9 21.5 39.9
83 14.0 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 52.636 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 96 Resp: 185719
Ion Ratio Lower Upper
96 100
61 120.3 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 116.553 ug/L

RT: 4.700 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

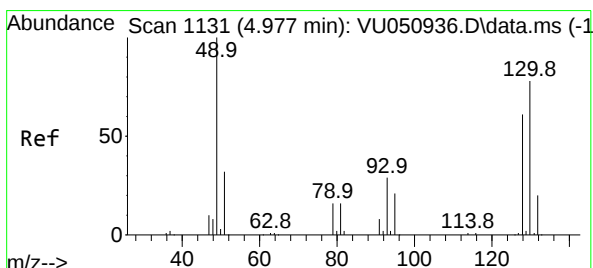
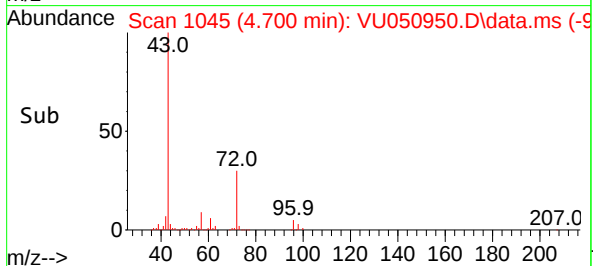
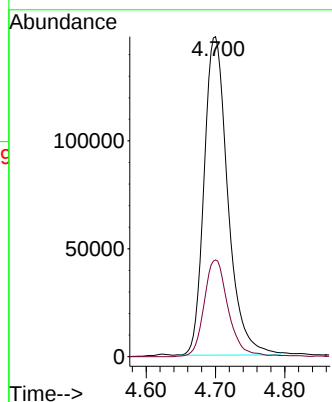
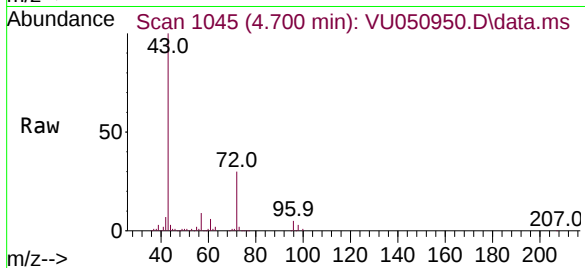
VSTD050097

Tgt Ion: 43 Resp: 351401

Ion Ratio Lower Upper

43 100

72 30.8 14.8 44.3



#23

Bromochloromethane

Concen: 53.518 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Tgt Ion:128 Resp: 98967

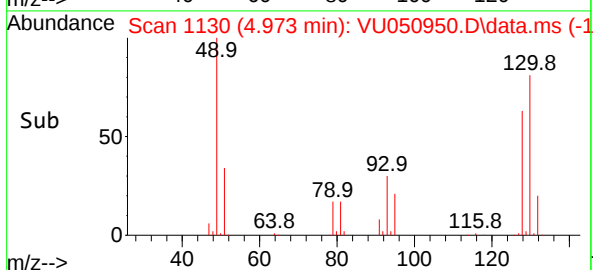
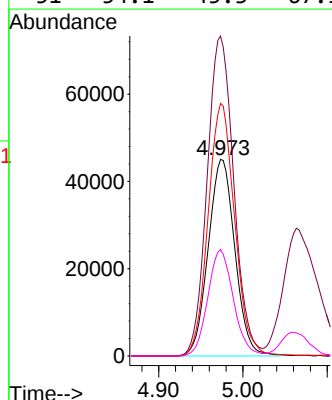
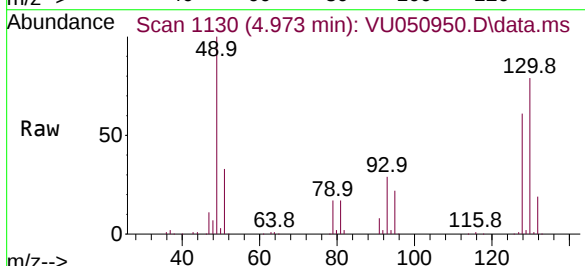
Ion Ratio Lower Upper

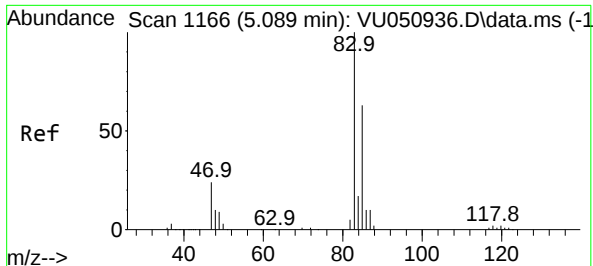
128 100

49 162.9 123.1 228.5

130 128.5 90.9 168.7

51 54.1 45.3 67.9





#25

Chloroform

Concen: 53.584 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

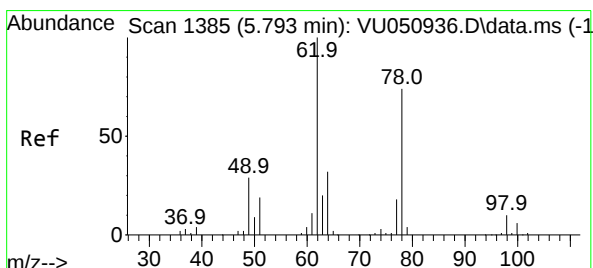
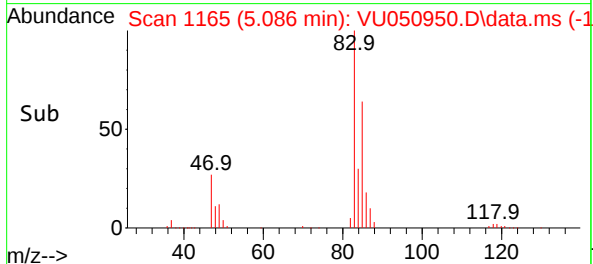
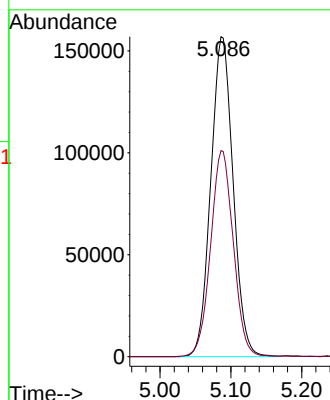
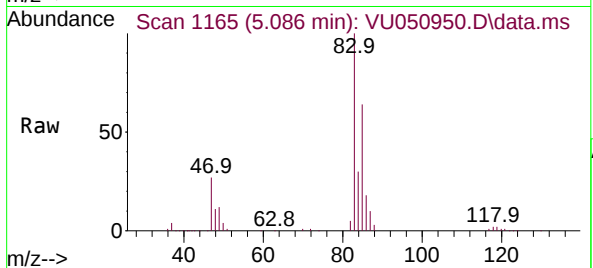
VSTD050097

Tgt Ion: 83 Resp: 343368

Ion Ratio Lower Upper

83 100

85 64.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 53.495 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU050950.D

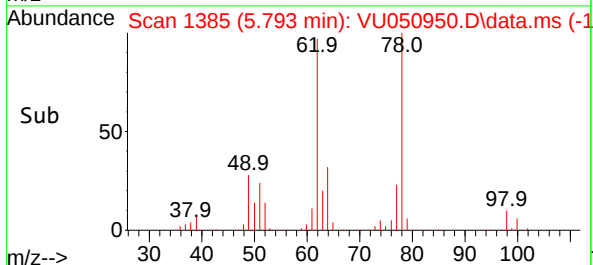
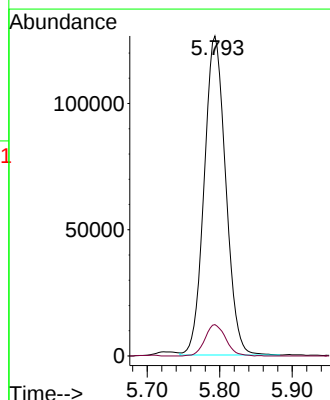
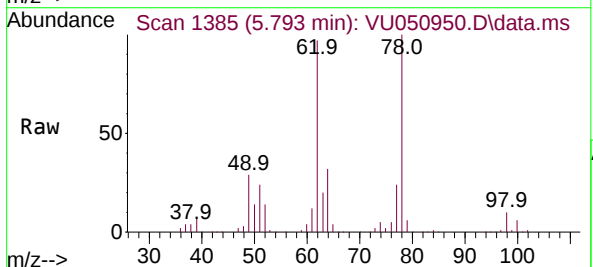
Acq: 27 Sep 2022 11:15

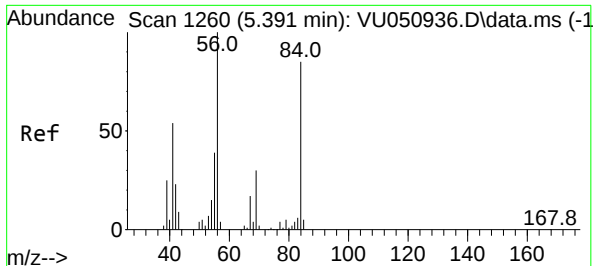
Tgt Ion: 62 Resp: 260515

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0





#29

Cyclohexane

Concen: 45.683 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD050097

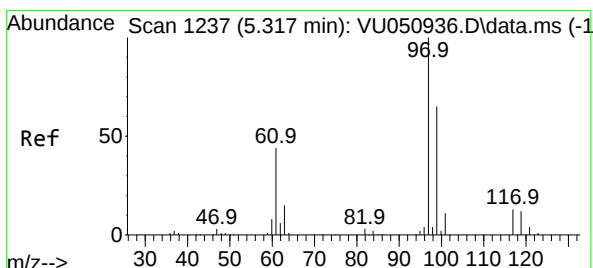
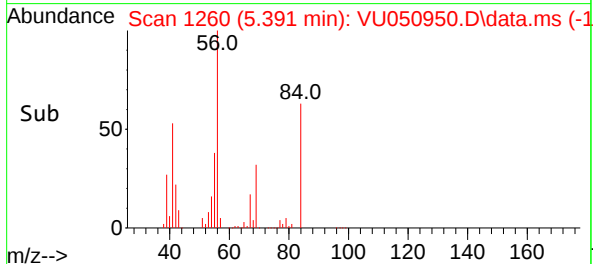
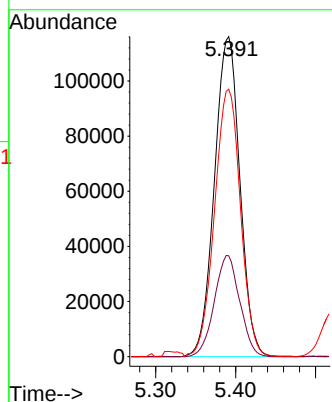
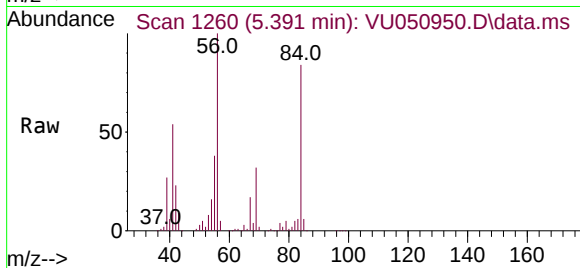
Tgt Ion: 56 Resp: 256503

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.4

84 85.4 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 51.106 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

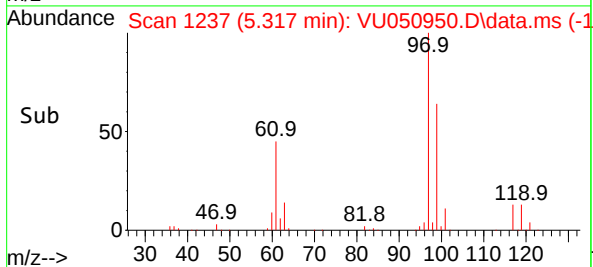
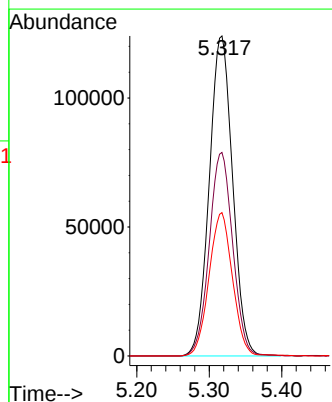
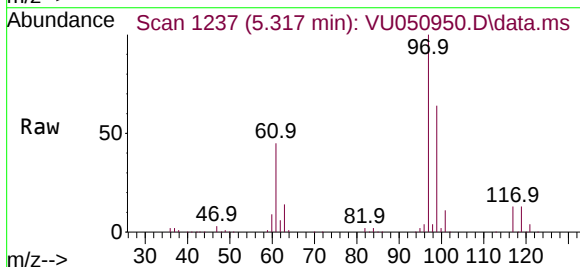
Tgt Ion: 97 Resp: 277404

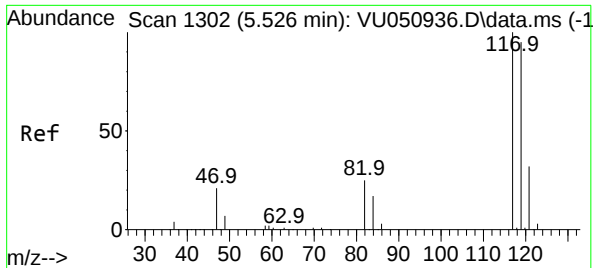
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

61 44.8 37.1 55.7

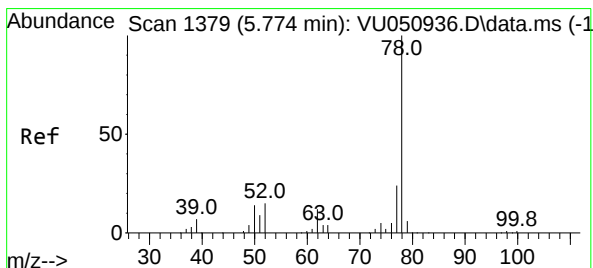
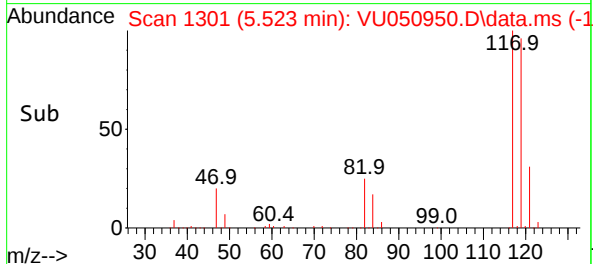
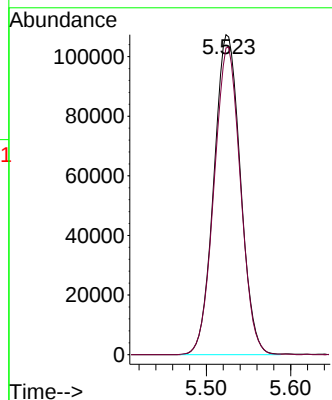
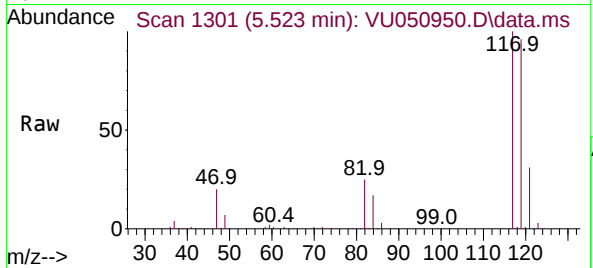




#31
Carbon tetrachloride
Concen: 51.956 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

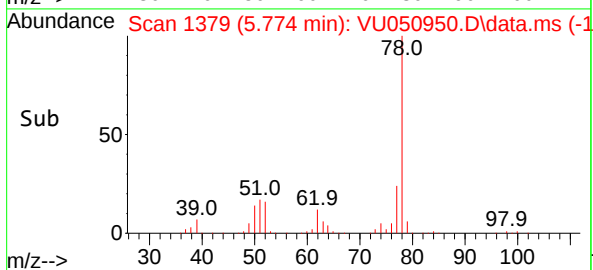
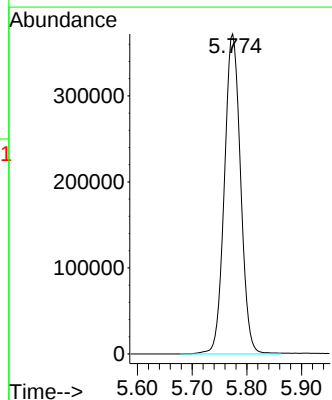
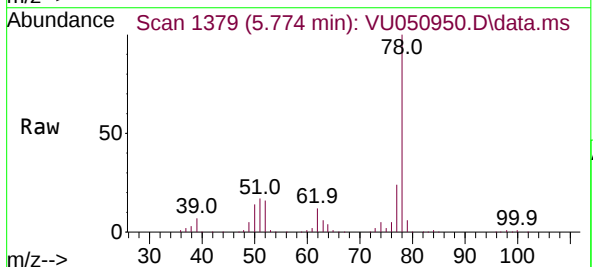
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

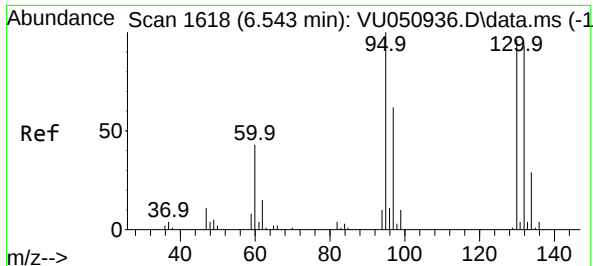
Tgt Ion:117 Resp: 234284
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



#33
Benzene
Concen: 50.934 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 78 Resp: 764779

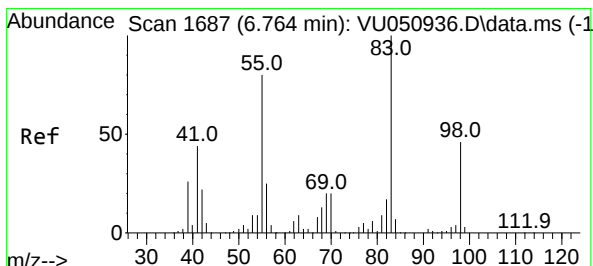
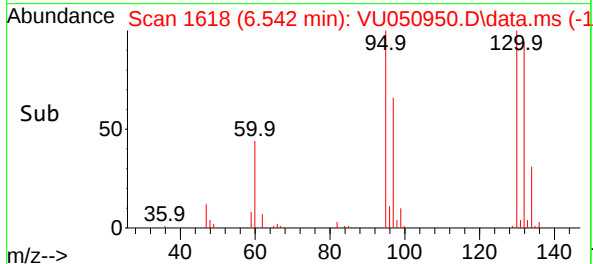
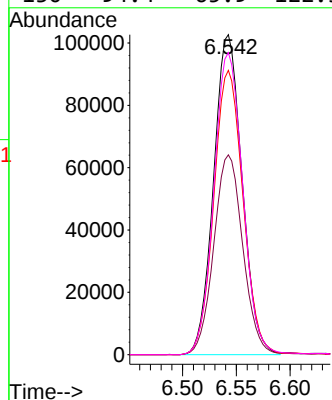
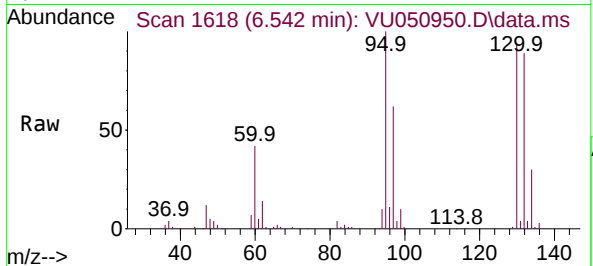




#34
Trichloroethene
Concen: 54.262 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

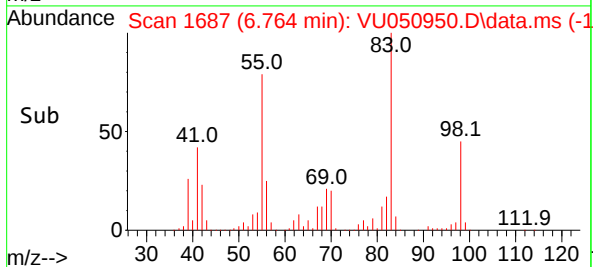
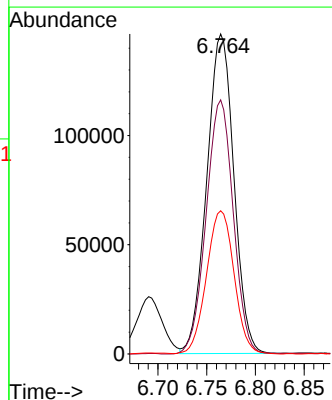
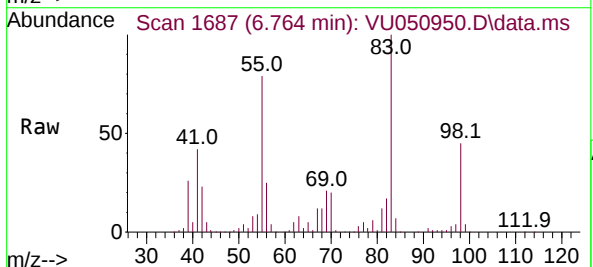
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

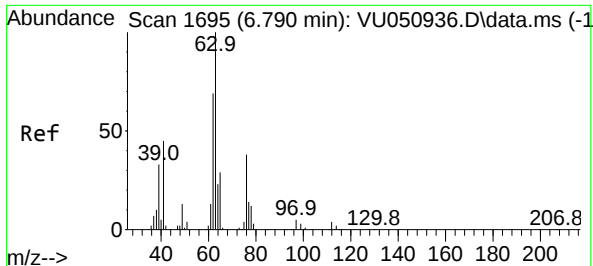
Tgt Ion: 95 Resp: 189257
Ion Ratio Lower Upper
95 100
97 62.5 43.9 81.5
132 88.9 63.1 117.1
130 94.4 65.9 122.3



#35
Methylcyclohexane
Concen: 50.394 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 83 Resp: 283205
Ion Ratio Lower Upper
83 100
55 79.7 64.7 97.1
98 45.6 35.2 52.8

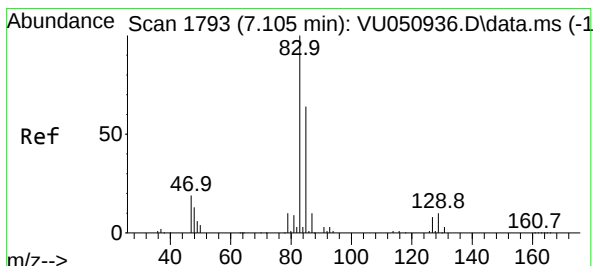
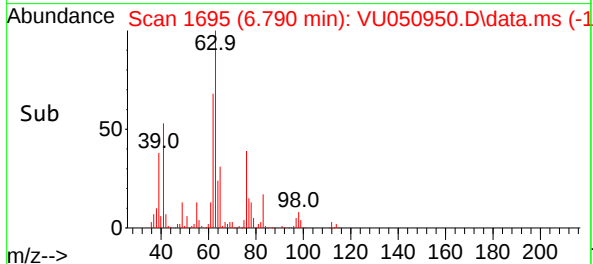
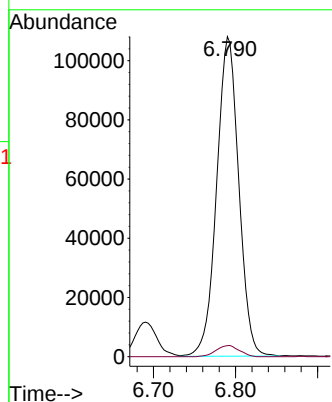
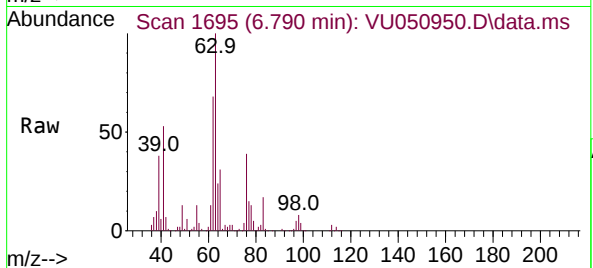




#37
1,2-Dichloropropane
Concen: 49.236 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

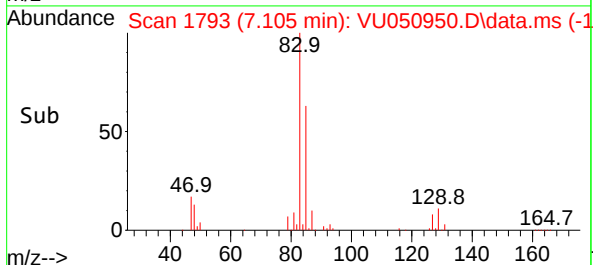
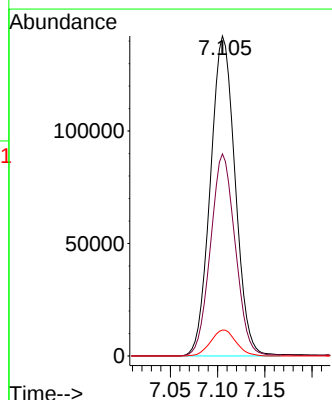
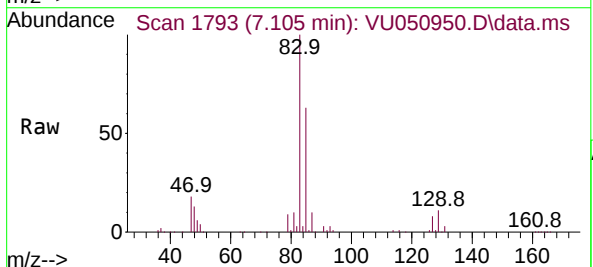
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

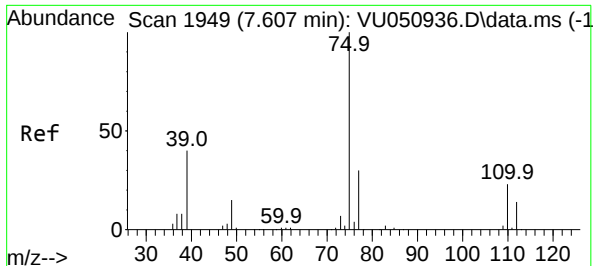
Tgt Ion: 63 Resp: 202299
Ion Ratio Lower Upper
63 100
112 3.7 2.9 4.3



#38
Bromodichloromethane
Concen: 52.914 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 83 Resp: 259031
Ion Ratio Lower Upper
83 100
85 63.1 44.3 82.3
127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.897 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

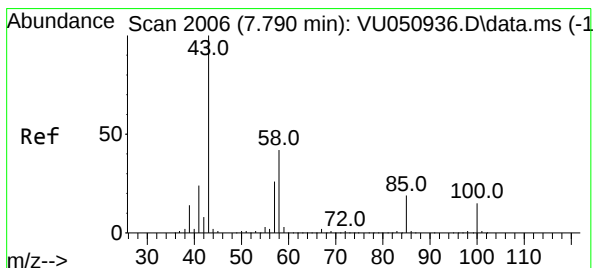
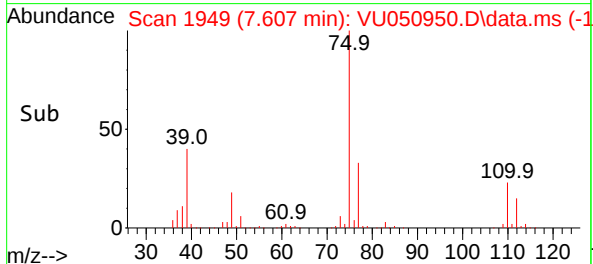
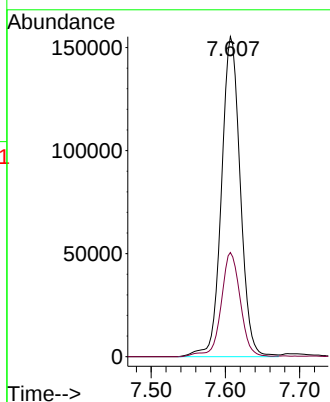
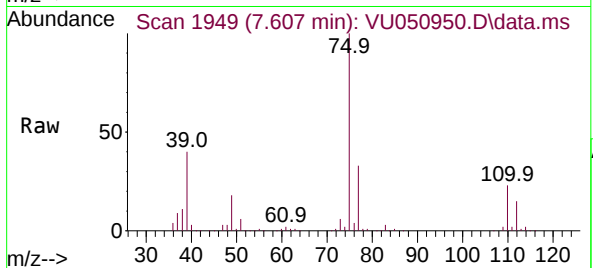
VSTD050097

Tgt Ion: 75 Resp: 274345

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 103.664 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

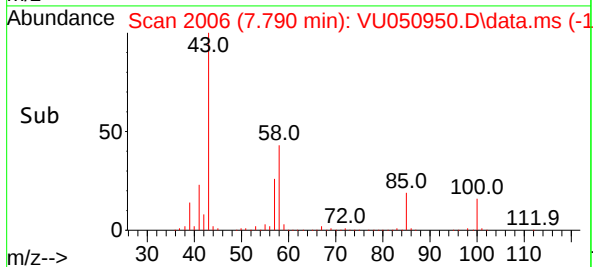
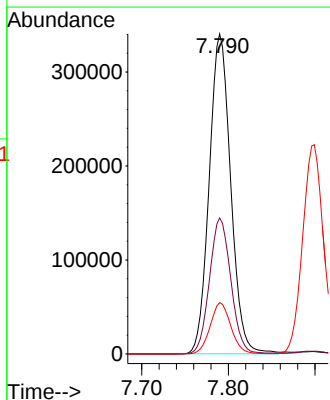
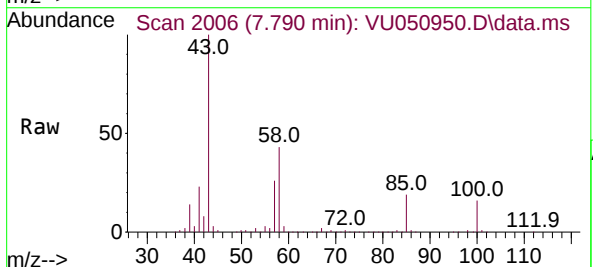
Tgt Ion: 43 Resp: 586991

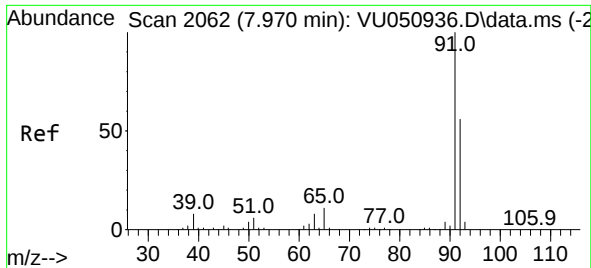
Ion Ratio Lower Upper

43 100

58 42.3 33.8 50.6

100 15.5 12.0 18.0





#42

Toluene

Concen: 54.715 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

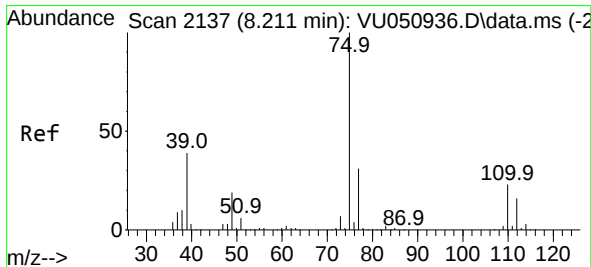
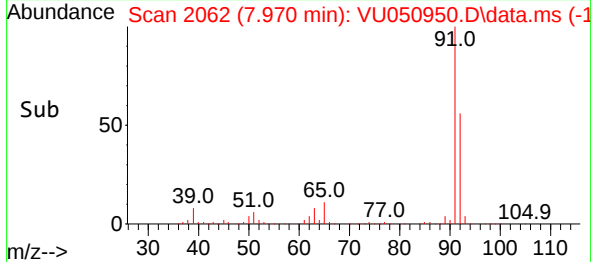
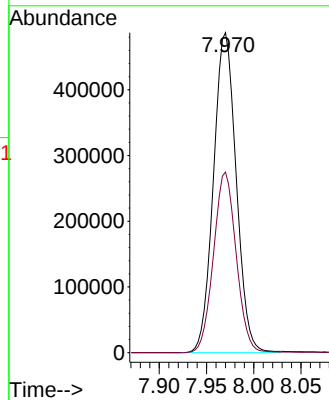
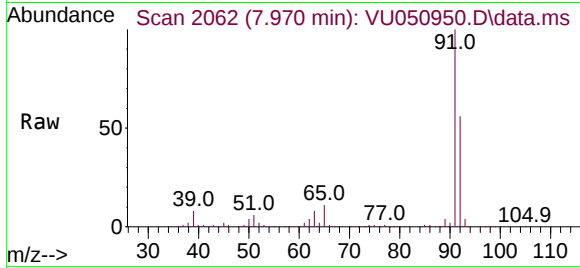
VSTD050097

Tgt Ion: 91 Resp: 815567

Ion Ratio Lower Upper

91 100

92 56.4 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 52.002 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050950.D

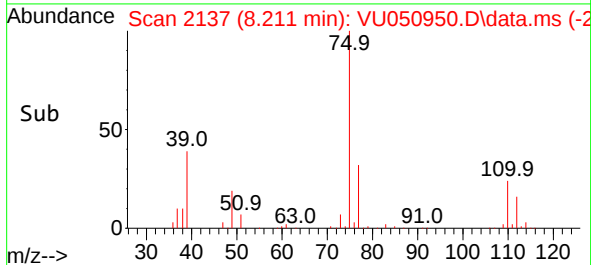
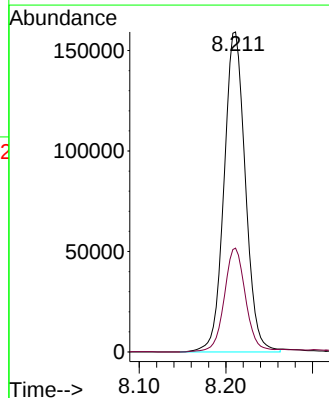
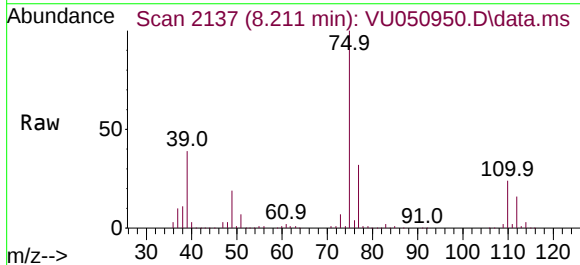
Acq: 27 Sep 2022 11:15

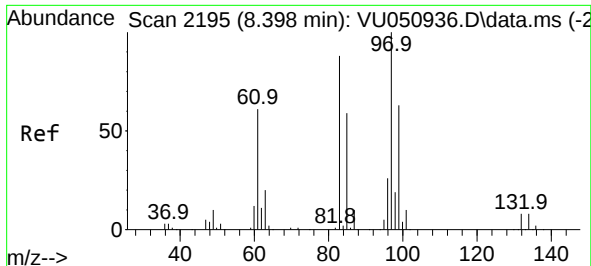
Tgt Ion: 75 Resp: 271989

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



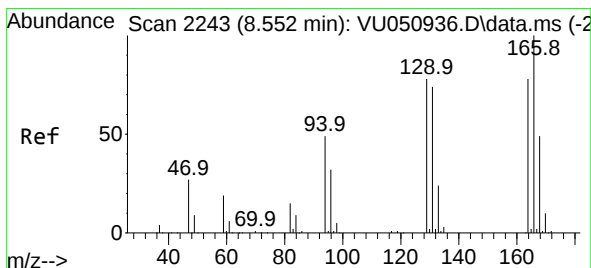
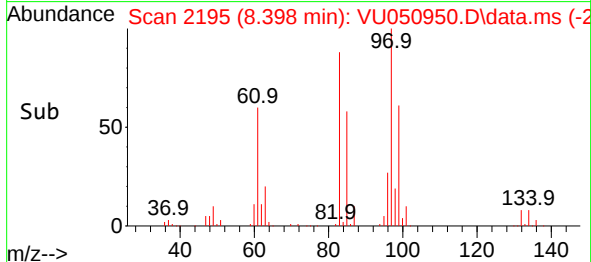
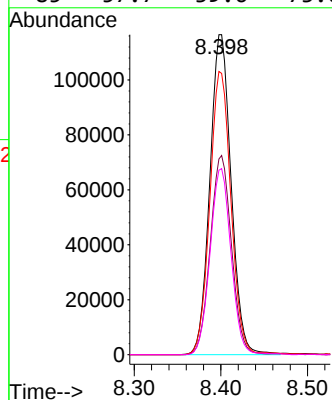
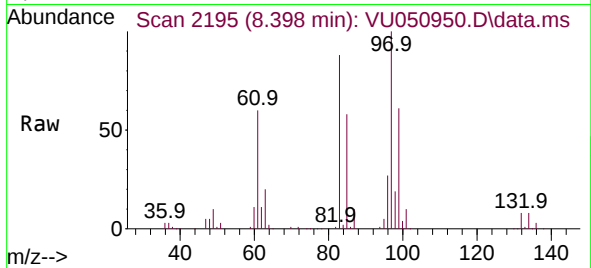


#45
1,1,2-Trichloroethane
Concen: 52.538 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

Tgt Ion: 97 Resp: 198929

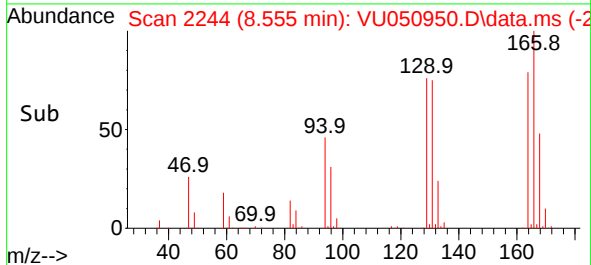
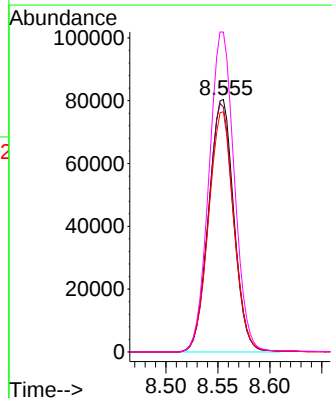
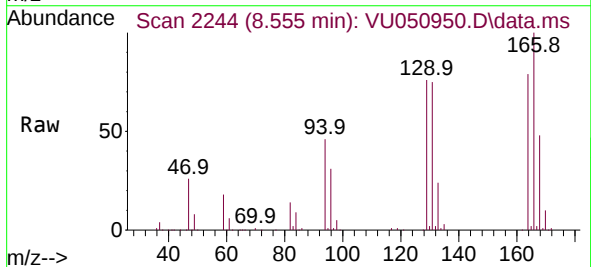
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.8	81.4
83	88.5	62.6	116.3
85	57.7	39.6	73.6

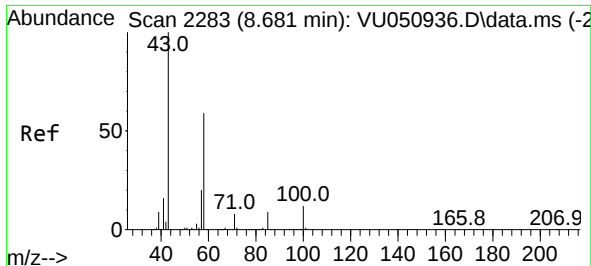


#46
Tetrachloroethene
Concen: 54.261 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 164 Resp: 136001

Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.3
131	95.1	66.1	122.7
166	126.7	88.8	164.8

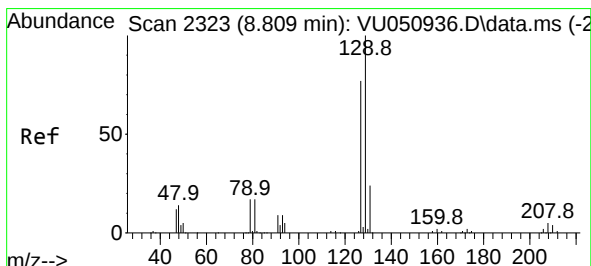
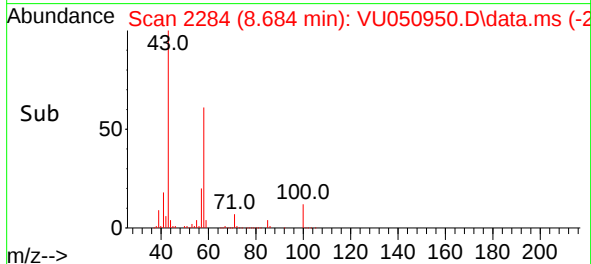
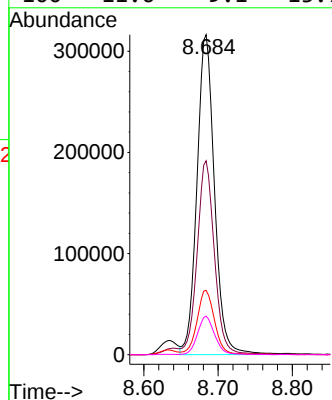
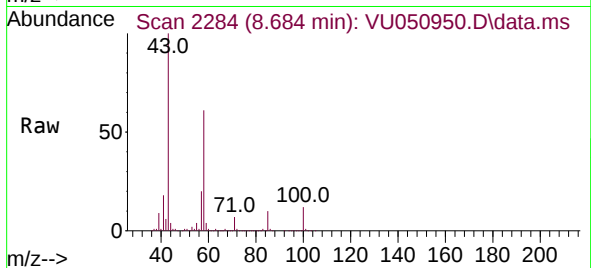




#48
2-Hexanone
Concen: 110.146 ug/L
RT: 8.684 min Scan# 21158
Delta R.T. 0.003 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

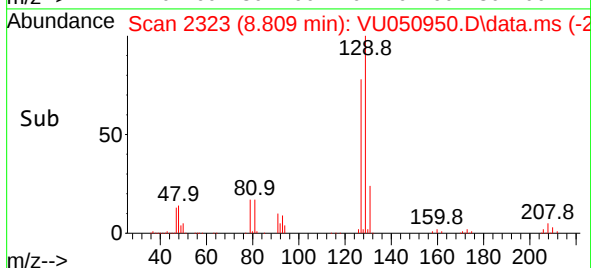
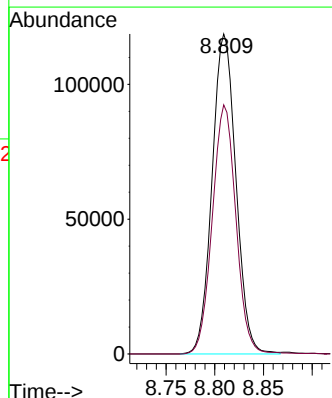
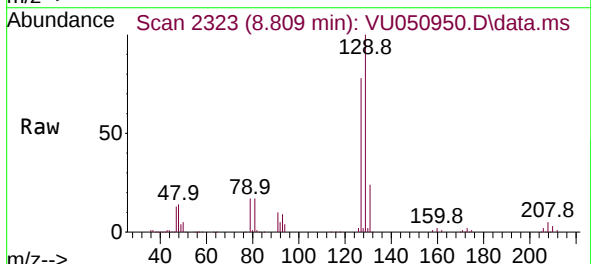
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

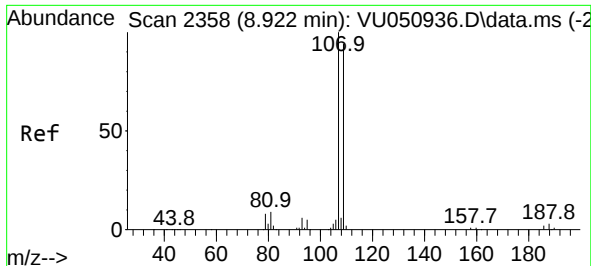
Tgt Ion: 43 Resp: 521158
Ion Ratio Lower Upper
43 100
58 58.9 47.2 70.8
57 20.1 16.2 24.4
100 11.6 9.1 13.7



#49
Dibromochloromethane
Concen: 54.464 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 129 Resp: 202205
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1

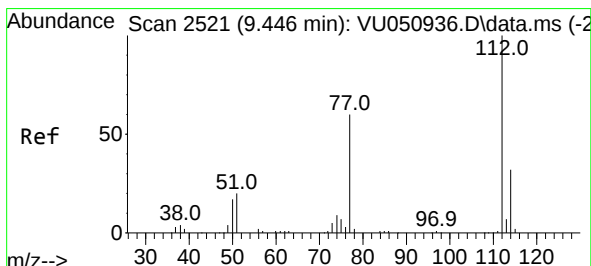
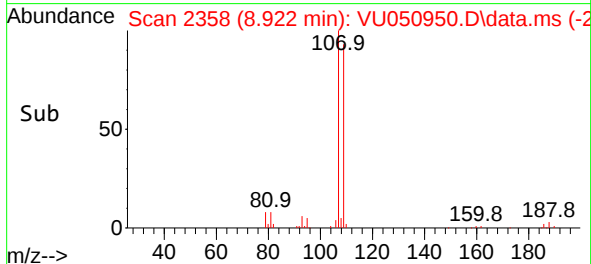
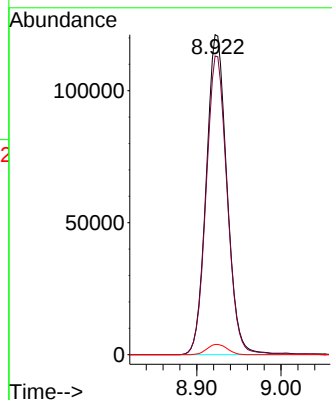
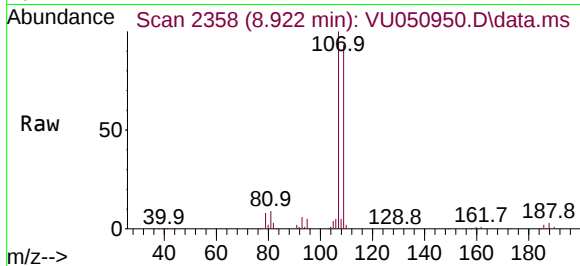




#50
1,2-Dibromoethane
Concen: 52.832 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

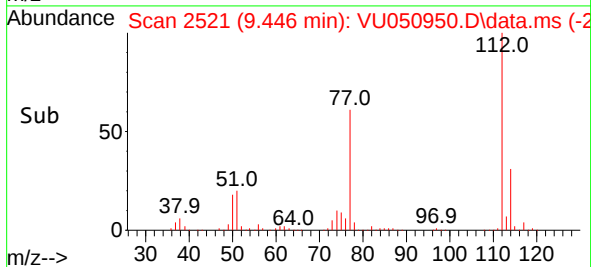
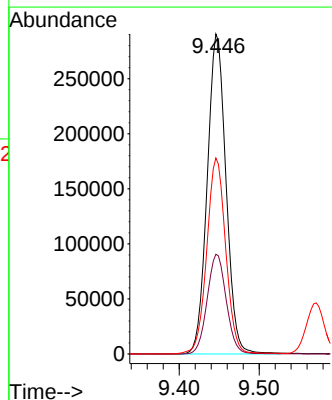
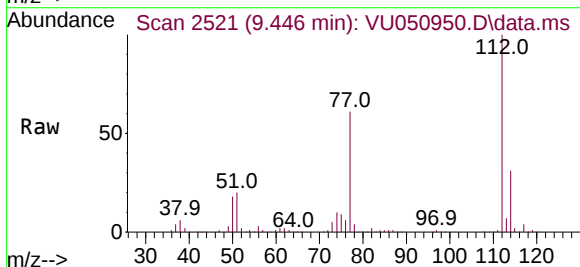
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

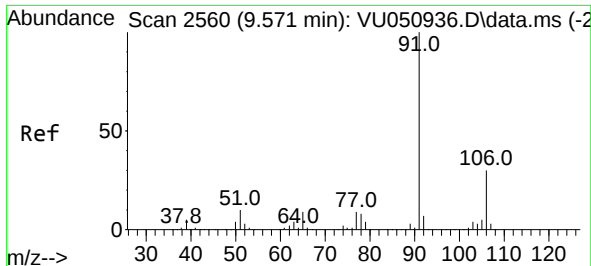
Tgt Ion:	107	Resp:	207551
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.0	122.6
188	3.2	2.5	3.7



#51
Chlorobenzene
Concen: 52.225 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion:	112	Resp:	475254
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.3
77	61.2	49.8	74.8

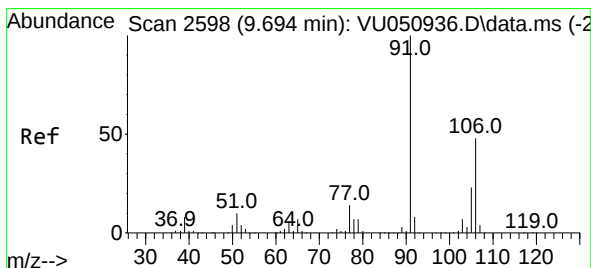
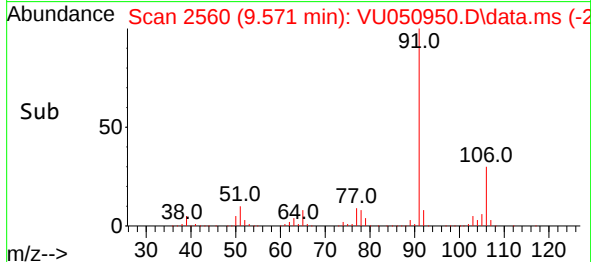
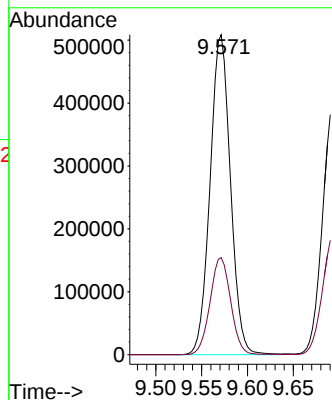
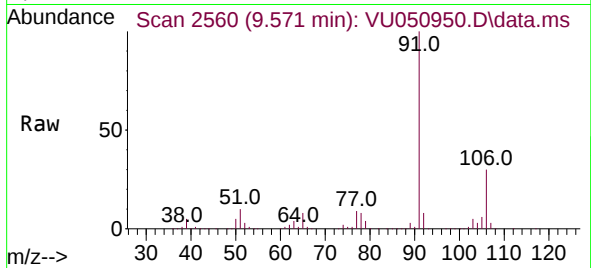




#52
Ethylbenzene
Concen: 52.847 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

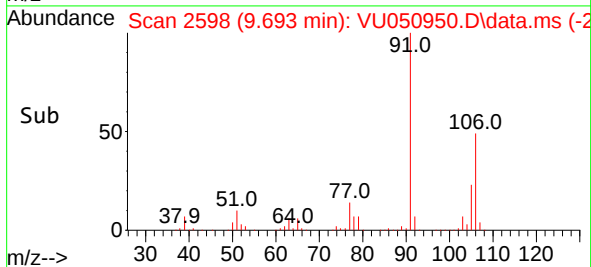
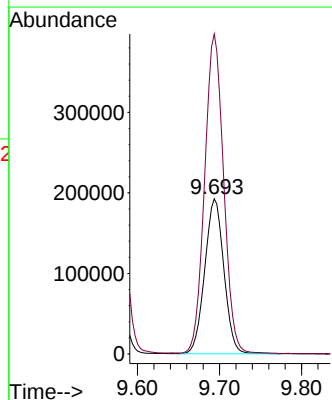
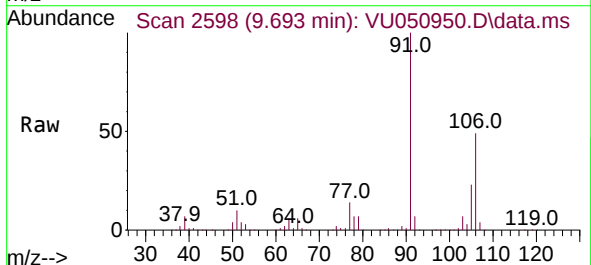
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

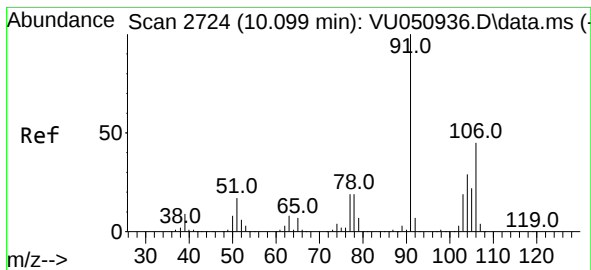
Tgt Ion: 91 Resp: 785845
Ion Ratio Lower Upper
91 100
106 30.3 21.0 39.0



#53
m,p-Xylene
Concen: 56.491 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 106 Resp: 312308
Ion Ratio Lower Upper
106 100
91 206.1 144.0 267.4





#54

o-Xylene

Concen: 54.478 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050950.D

Acq: 27 Sep 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

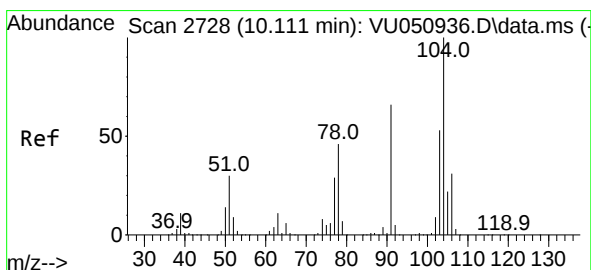
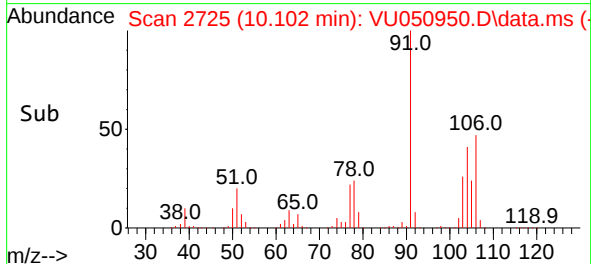
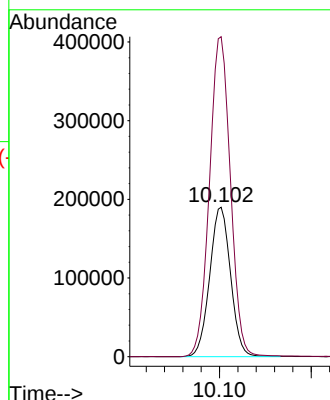
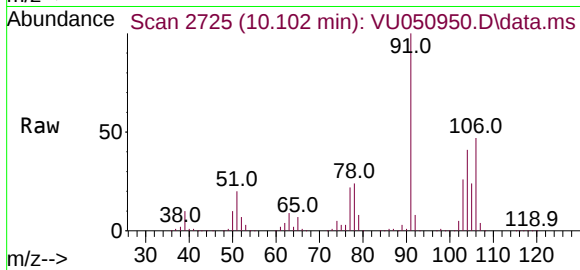
VSTD050097

Tgt Ion:106 Resp: 300090

Ion Ratio Lower Upper

106 100

91 214.0 154.6 287.0



#55

Styrene

Concen: 57.292 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU050950.D

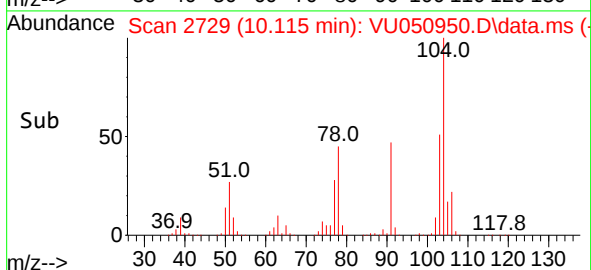
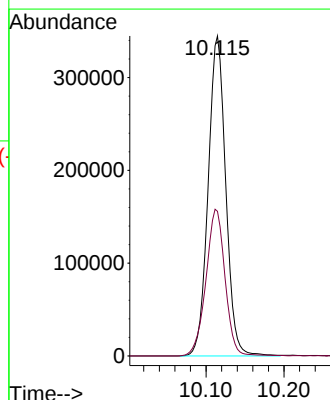
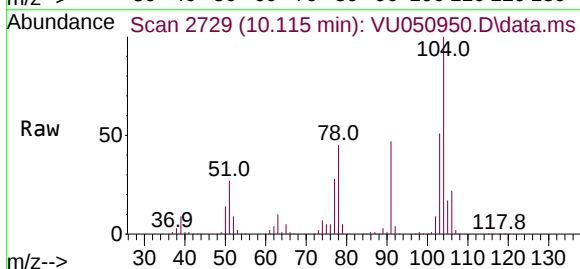
Acq: 27 Sep 2022 11:15

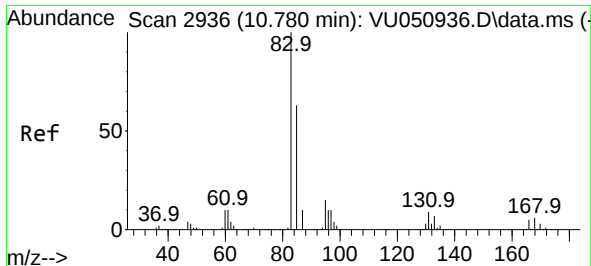
Tgt Ion:104 Resp: 541081

Ion Ratio Lower Upper

104 100

78 45.2 32.4 60.2

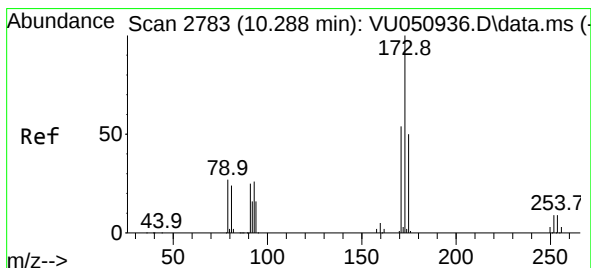
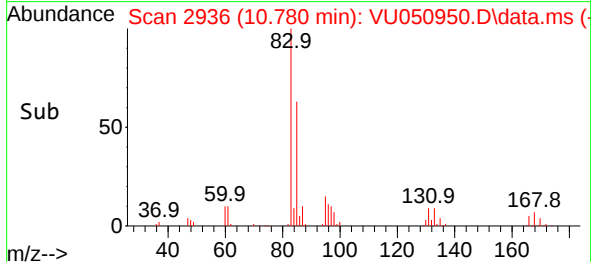
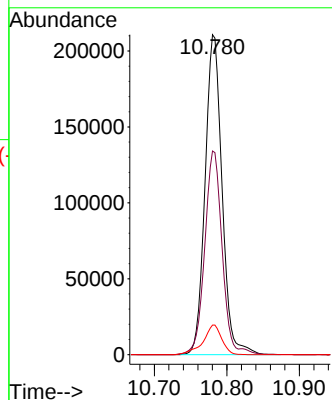
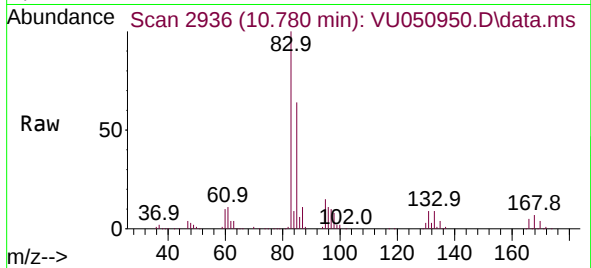




#57
1,1,2,2-Tetrachloroethane
Concen: 48.962 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

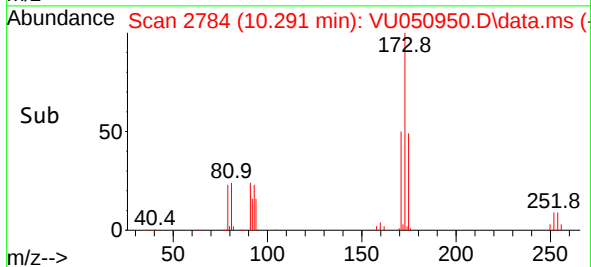
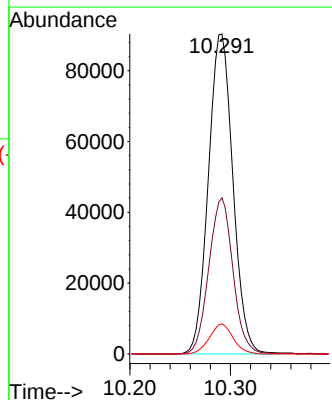
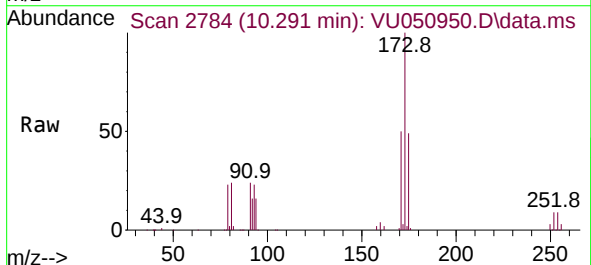
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

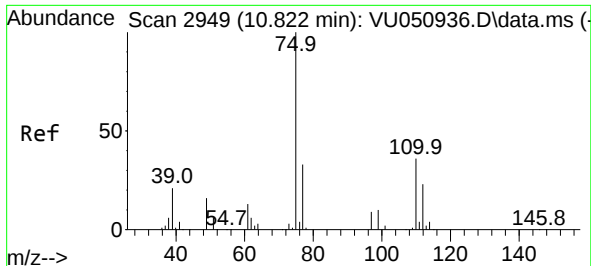
Tgt Ion: 83 Resp: 343040
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.9
131 9.3 7.1 10.7



#59
Bromoform
Concen: 49.571 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion:173 Resp: 153202
Ion Ratio Lower Upper
173 100
175 47.9 37.8 56.8
254 9.1 7.1 10.7

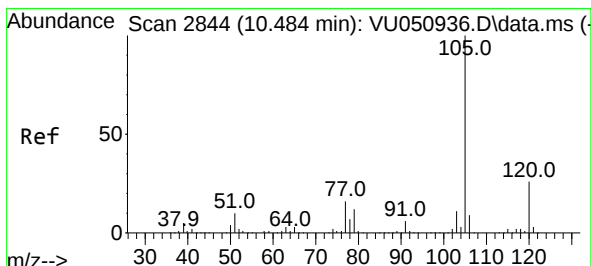
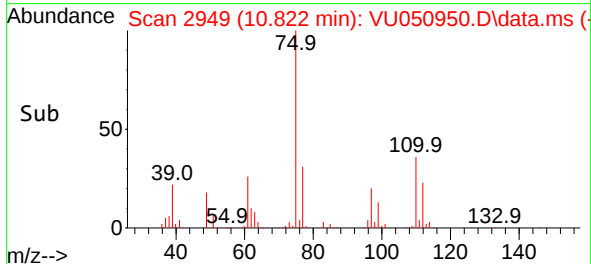
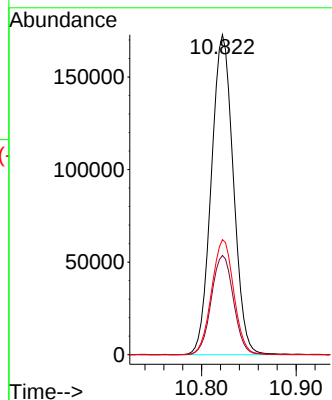
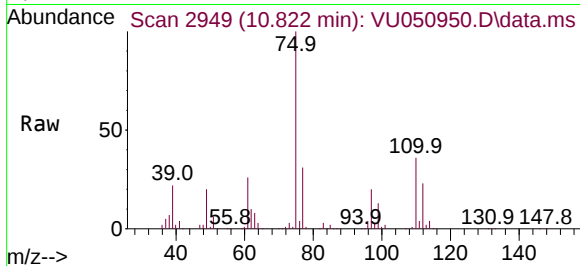




#60
1,2,3-Trichloropropane
Concen: 46.457 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

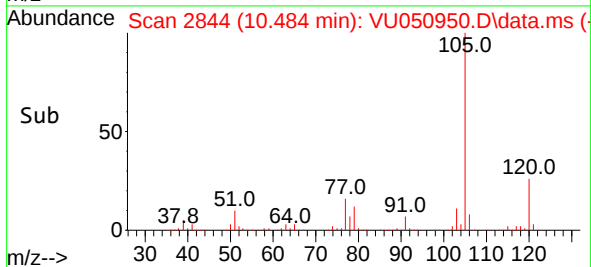
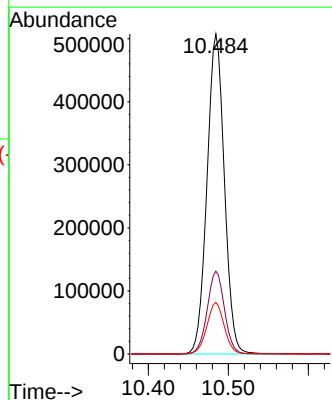
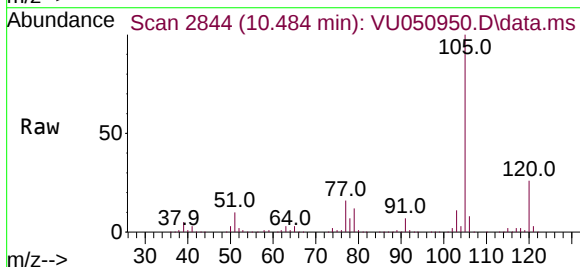
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

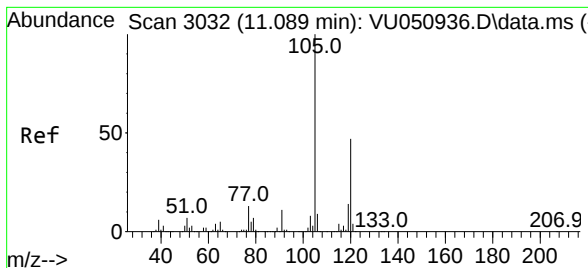
Tgt Ion: 75 Resp: 279806
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
110 36.2 28.6 43.0



#61
Isopropylbenzene
Concen: 50.130 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion: 105 Resp: 767111
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.1 12.9 19.3

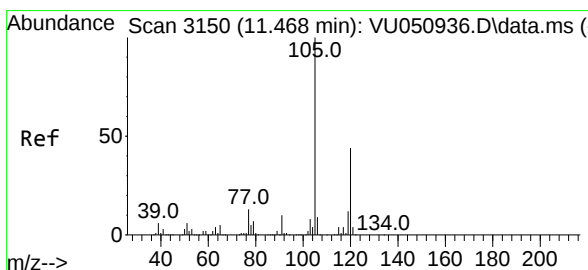
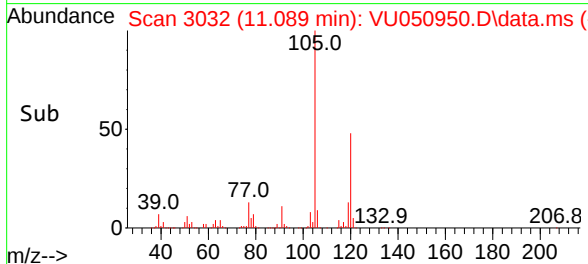
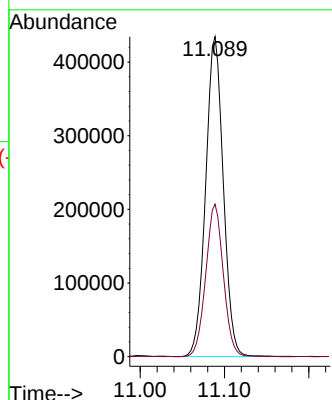
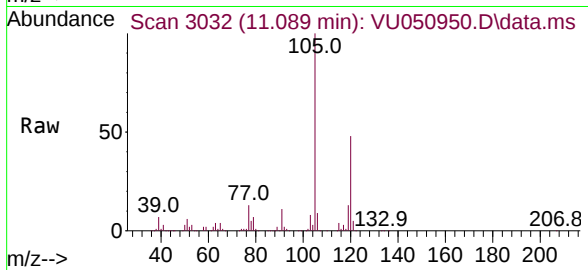




#62
 1,3,5-Trimethylbenzene
 Concen: 50.322 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

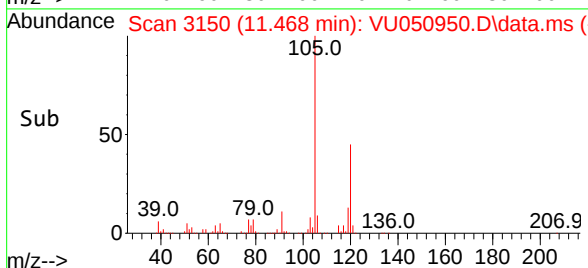
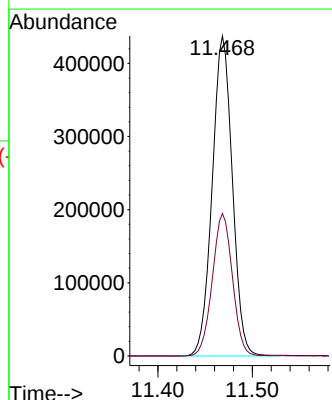
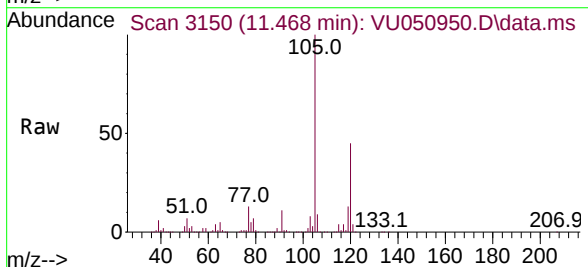
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050097

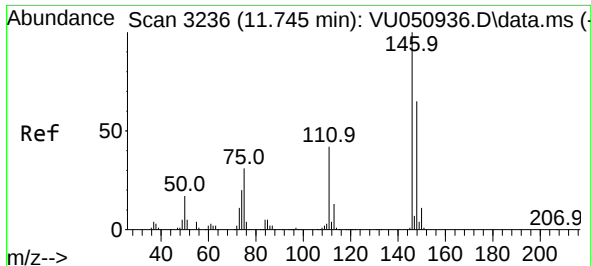
Tgt Ion:105 Resp: 633015
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.947 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

Tgt Ion:105 Resp: 647136
 Ion Ratio Lower Upper
 105 100
 120 44.5 34.9 52.3

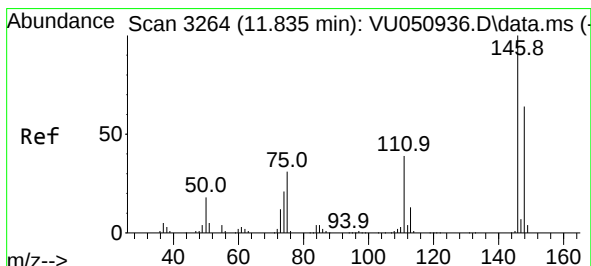
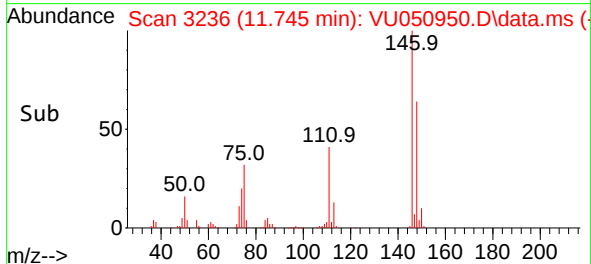
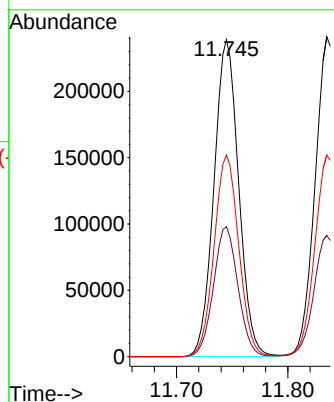
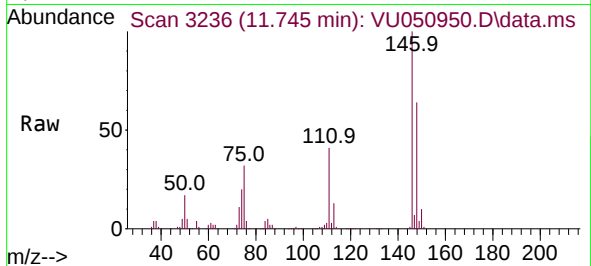




#64
1,3-Dichlorobenzene
Concen: 52.639 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

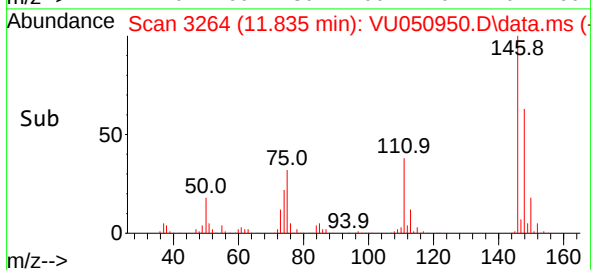
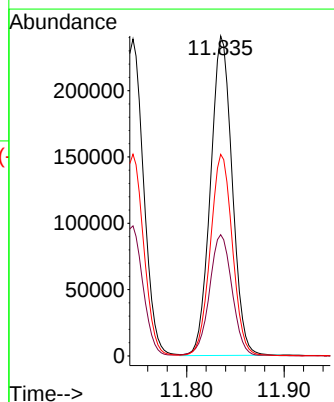
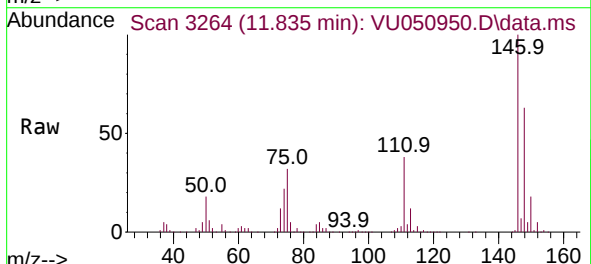
Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

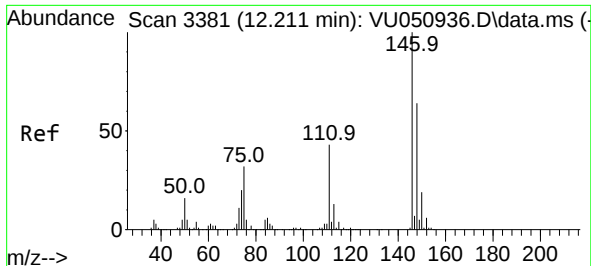
Tgt Ion:146 Resp: 368354
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.7
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 52.386 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion:146 Resp: 372166
Ion Ratio Lower Upper
146 100
111 37.9 27.5 51.1
148 63.0 45.4 84.2

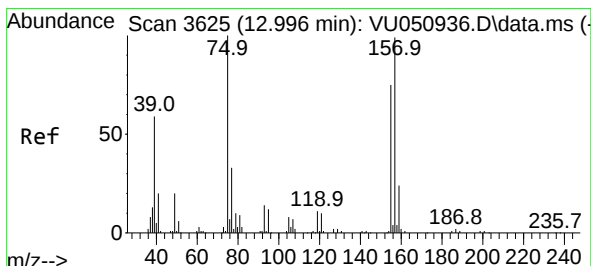
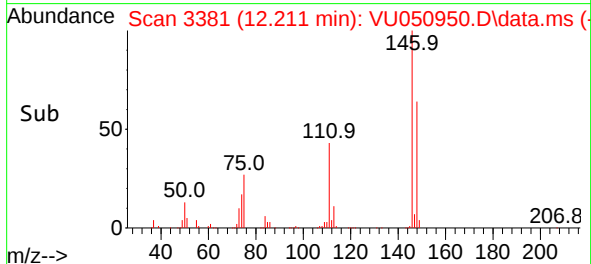
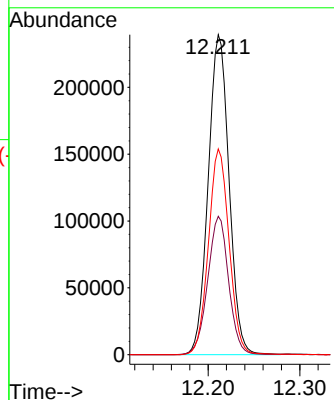
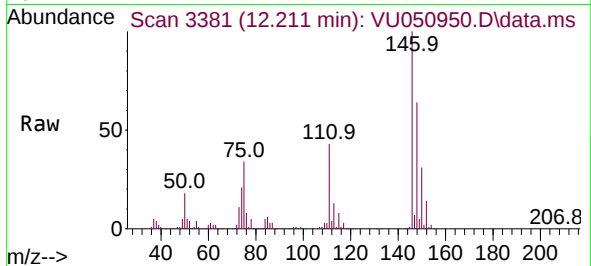




#67
 1,2-Dichlorobenzene
 Concen: 51.047 ug/L
 RT: 12.211 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

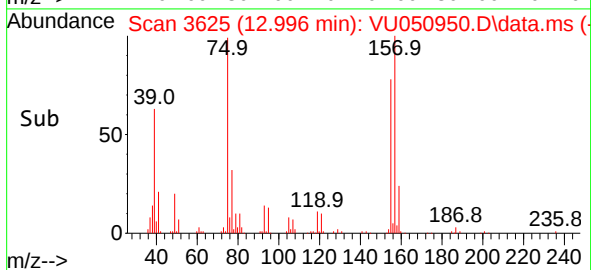
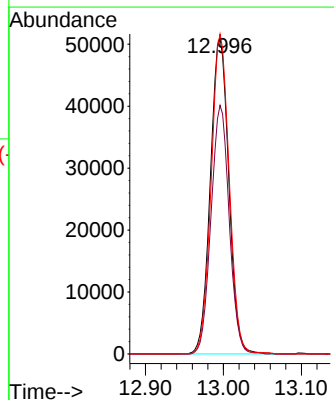
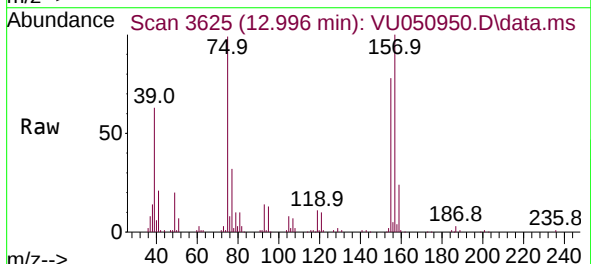
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050097

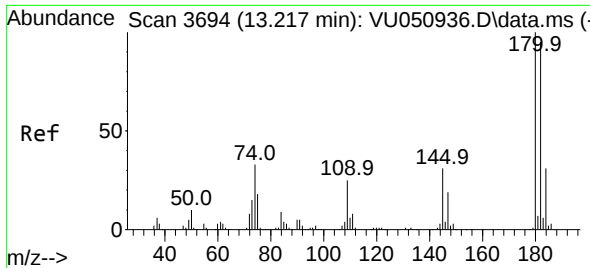
Tgt Ion:146 Resp: 378228
 Ion Ratio Lower Upper
 146 100
 111 43.3 35.2 52.8
 148 64.3 52.0 78.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 50.708 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

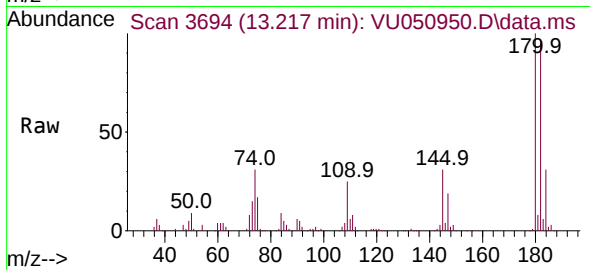
Tgt Ion: 75 Resp: 83998
 Ion Ratio Lower Upper
 75 100
 155 78.7 63.8 95.8
 157 101.3 81.8 122.8



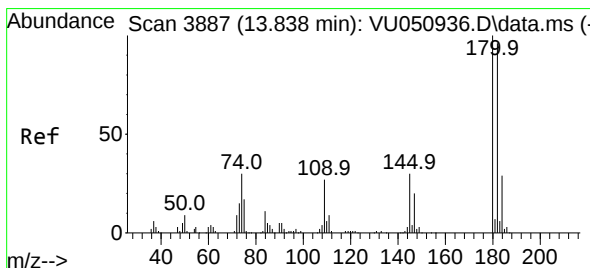
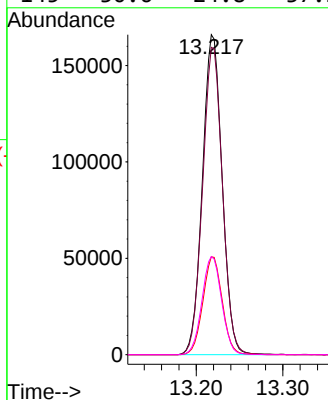
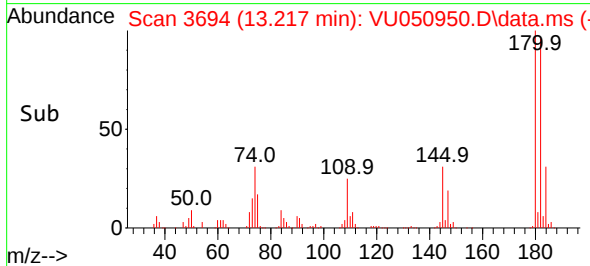


#69
 1,3,5-Trichlorobenzene
 Concen: 53.606 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15

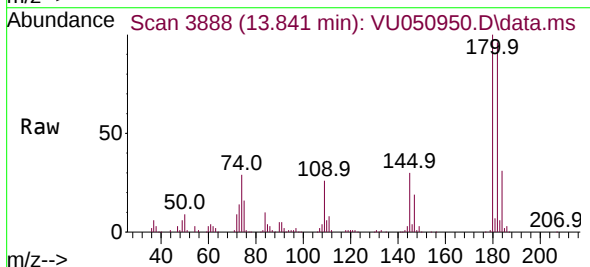
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050097



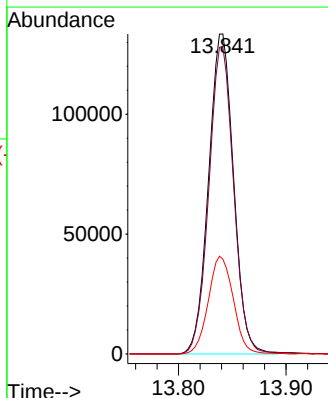
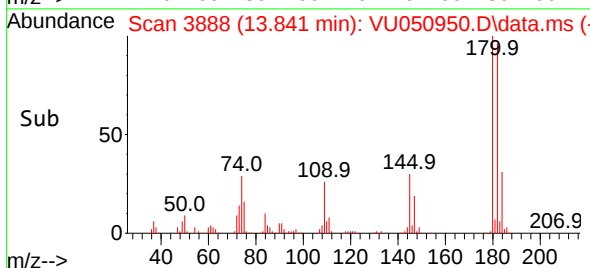
Tgt Ion:180 Resp: 262456
 Ion Ratio Lower Upper
 180 100
 182 96.5 78.2 117.2
 184 30.0 24.8 37.2
 145 30.6 24.8 37.2

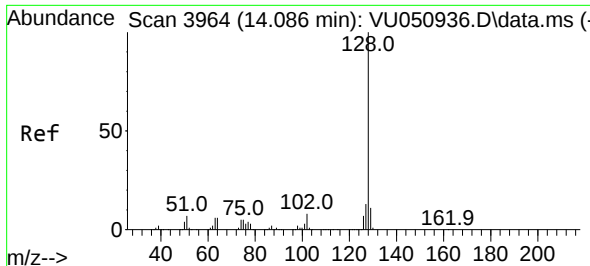


#70
 1,2,4-trichlorobenzene
 Concen: 53.839 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050950.D
 Acq: 27 Sep 2022 11:15



Tgt Ion:180 Resp: 215717
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 30.5 25.1 37.7

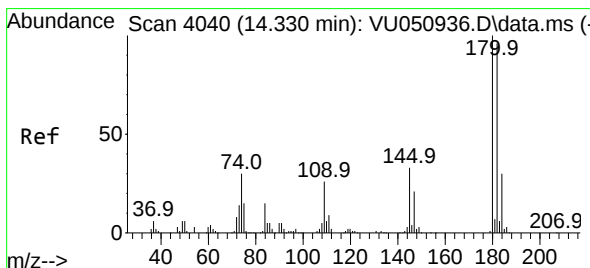
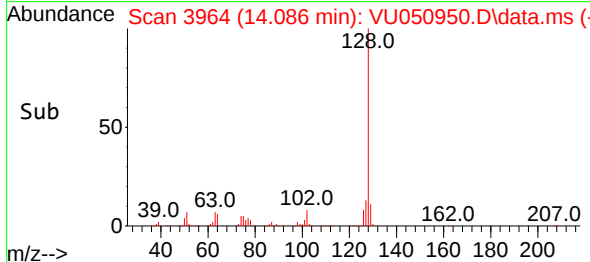
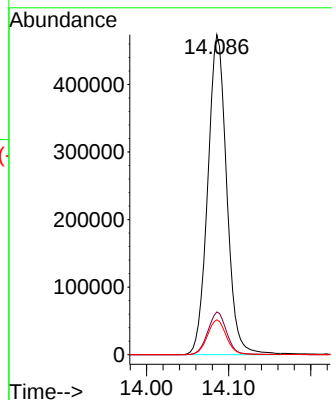
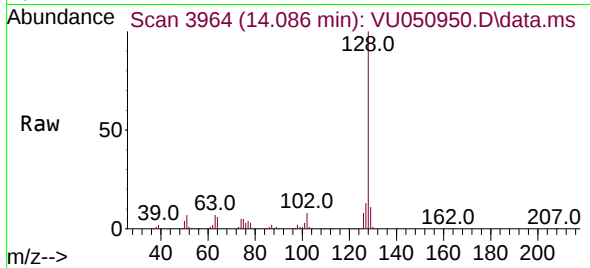




#71
Naphthalene
Concen: 49.313 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD050097

Tgt Ion:128 Resp: 759350
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 54.032 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050950.D
Acq: 27 Sep 2022 11:15

Tgt Ion:180 Resp: 242295
Ion Ratio Lower Upper
180 100
182 97.1 76.9 115.3
145 33.3 26.3 39.5

