

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052522\
 Data File : VU048661.D
 Acq On : 25 May 2022 10:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

Quant Time: May 26 06:45:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216458	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	214113	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47280	35.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.320%
7) Chloroethane-d5	1.912	69	39652	39.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.840%
11) 1,1-Dichloroethene-d2	2.572	63	130746	43.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.220%
21) 2-Butanone-d5	4.623	46	117905	93.452	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.450%
24) Chloroform-d	5.067	84	159942	47.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
26) 1,2-Dichloroethane-d4	5.703	65	113003	47.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
32) Benzene-d6	5.729	84	253840	42.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.694	67	75178	42.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.940%
41) Toluene-d8	7.899	98	238953	42.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.260%
43) trans-1,3-Dichloroprop...	8.182	79	48834	43.655	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.300%
47) 2-Hexanone-d5	8.632	63	86475	90.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132307	45.706	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	117144	43.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	123597	53.134	ug/L	98
3) Chloromethane	1.523	50	62963	43.868	ug/L	98
5) Vinyl chloride	1.604	62	75054	49.157	ug/L	100
6) Bromomethane	1.855	94	59869	54.316	ug/L	99
8) Chloroethane	1.932	64	45028	50.105	ug/L	98
9) Trichlorofluoromethane	2.141	101	165441	55.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	84326	55.482	ug/L	94
12) 1,1-Dichloroethene	2.581	96	75490	53.602	ug/L	96
13) Acetone	2.630	43	119845	116.921	ug/L	100
14) Carbon disulfide	2.793	76	204041	49.925	ug/L	99
15) Methyl Acetate	2.951	43	81571	46.629	ug/L	98
16) Methylene chloride	3.047	84	86313	52.643	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	81998	53.982	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	292234	55.452	ug/L	99
19) 1,1-Dichloroethane	3.871	63	148619	53.443	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	91232	53.258	ug/L	98
22) 2-Butanone	4.703	43	136417	104.817	ug/L	99
23) Bromochloromethane	4.977	128	53308	56.081	ug/L	93
25) Chloroform	5.089	83	183089	56.405	ug/L	98

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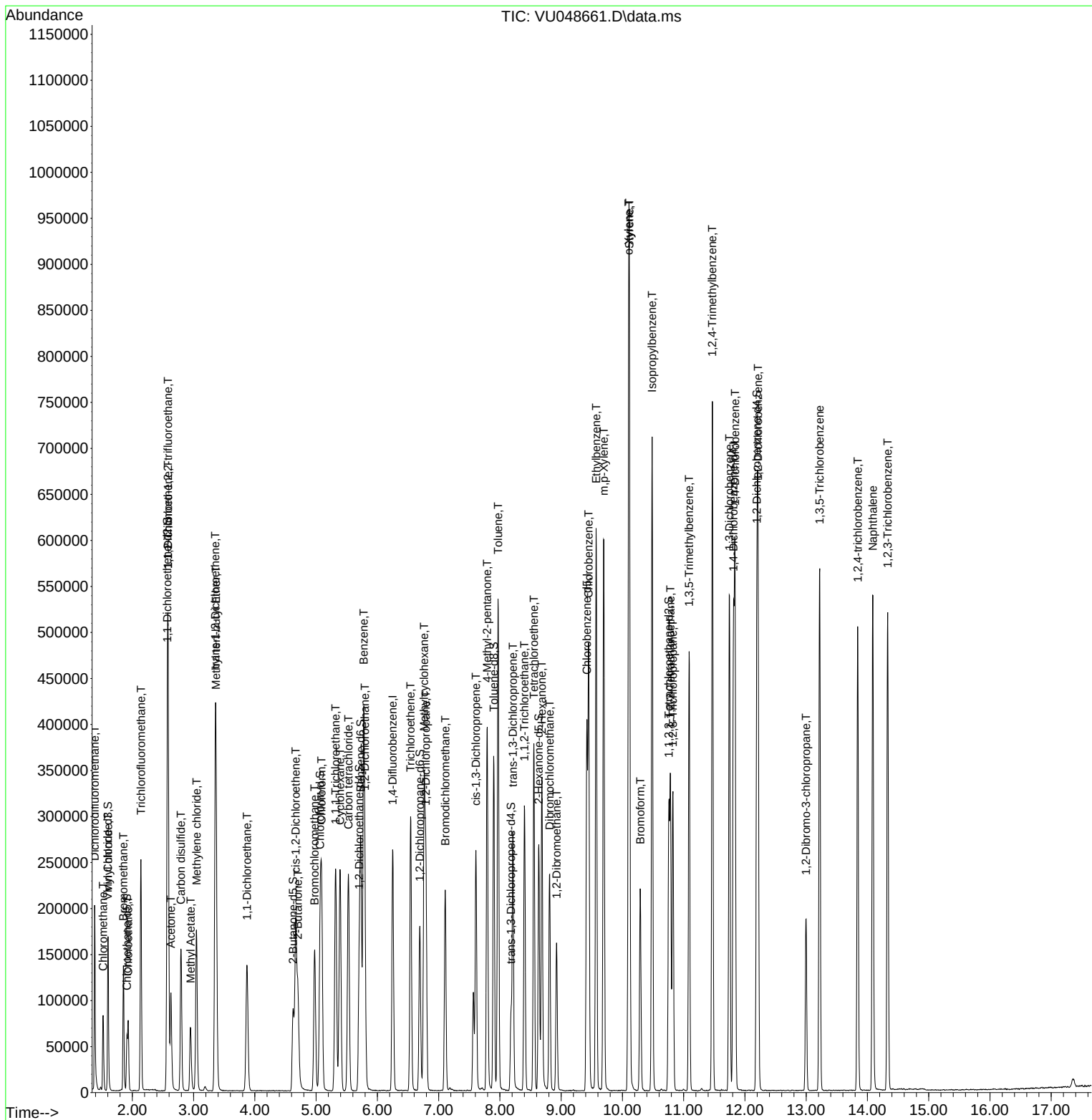
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

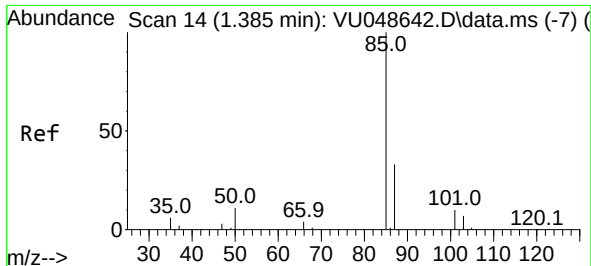
Quant Time: May 26 06:45:50 2022
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 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	158188	56.810	ug/L	99
29) Cyclohexane	5.391	56	112378	51.100	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	182639	56.336	ug/L	98
31) Carbon tetrachloride	5.526	117	169362	57.322	ug/L	99
33) Benzene	5.777	78	338308	54.082	ug/L	100
34) Trichloroethene	6.543	95	97877	55.304	ug/L	99
35) Methylcyclohexane	6.764	83	134602	52.999	ug/L	99
37) 1,2-Dichloropropane	6.793	63	80629	51.548	ug/L	98
38) Bromodichloromethane	7.108	83	142104	56.152	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	149271	55.896	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	230071	96.387	ug/L	98
42) Toluene	7.970	91	379489	55.659	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	156772	55.666	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	91764	54.784	ug/L	97
46) Tetrachloroethene	8.555	164	83852	58.062	ug/L	96
48) 2-Hexanone	8.684	43	189378	92.599	ug/L	98
49) Dibromochloromethane	8.813	129	126467	58.726	ug/L	100
50) 1,2-Dibromoethane	8.925	107	104445	54.029	ug/L	99
51) Chlorobenzene	9.449	112	259497	54.570	ug/L	99
52) Ethylbenzene	9.571	91	424564	54.490	ug/L	99
53) m,p-Xylene	9.697	106	169660	54.183	ug/L	97
54) o-Xylene	10.102	106	166930	55.648	ug/L	100
55) Styrene	10.115	104	294412	56.448	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	145655	50.314	ug/L	99
59) Bromoform	10.292	173	100722	55.531	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	131190	50.132	ug/L	96
61) Isopropylbenzene	10.484	105	448677	55.213	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	254461	55.079	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	404801	56.348	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	229671	54.805	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	233482	53.690	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	227053	53.268	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	49208	48.635	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	181492	54.336	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	157438	52.115	ug/L	99
71) Naphthalene	14.089	128	451921	45.368	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	160300	52.850	ug/L	99

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

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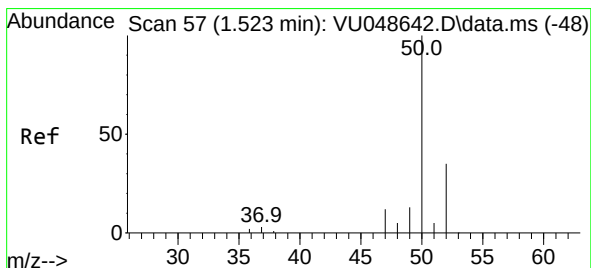
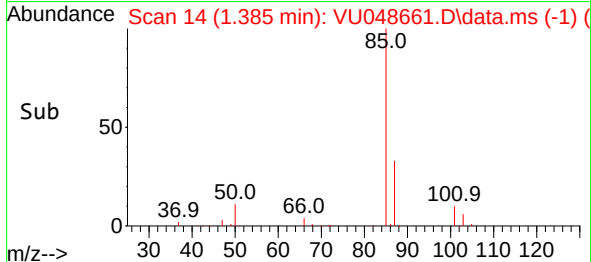
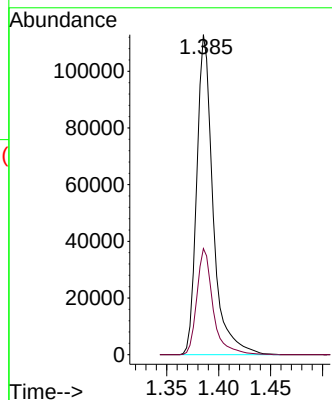
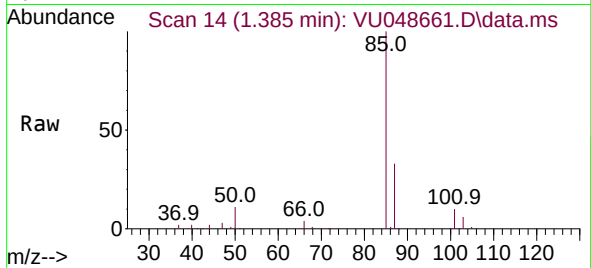




#2
Dichlorodifluoromethane
Concen: 53.134 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

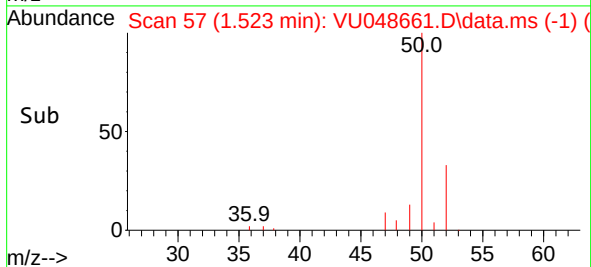
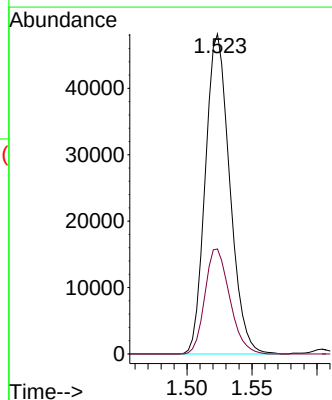
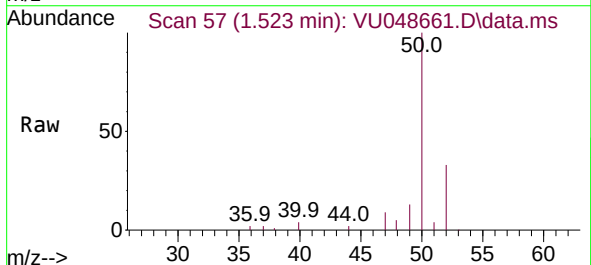
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

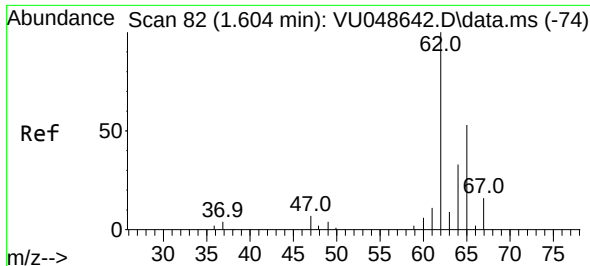
Tgt Ion: 85 Resp: 123597
Ion Ratio Lower Upper
85 100
87 33.0 25.4 38.2



#3
Chloromethane
Concen: 43.868 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 50 Resp: 62963
Ion Ratio Lower Upper
50 100
52 32.8 23.8 44.2

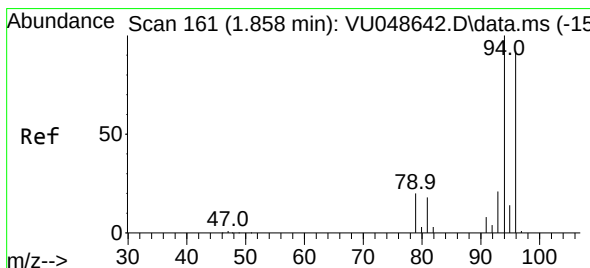
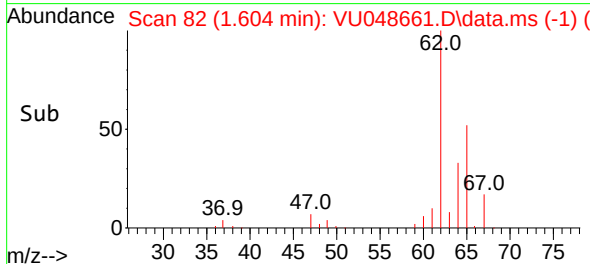
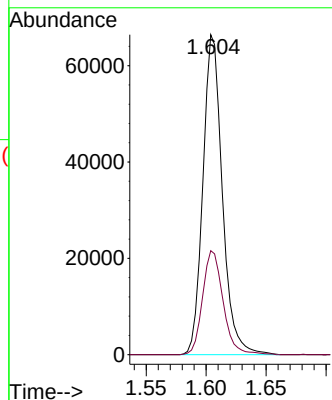
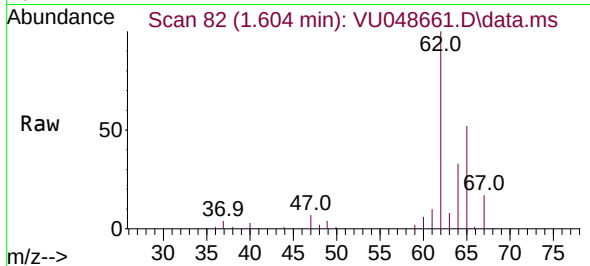




#5
 Vinyl chloride
 Concen: 49.157 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048661.D
 Acq: 25 May 2022 10:46

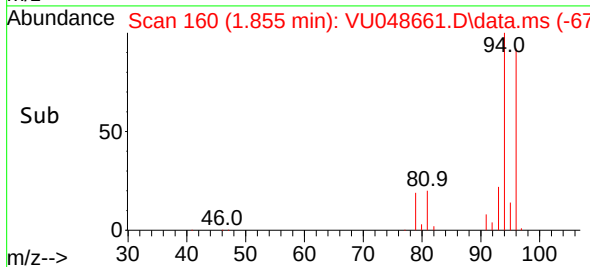
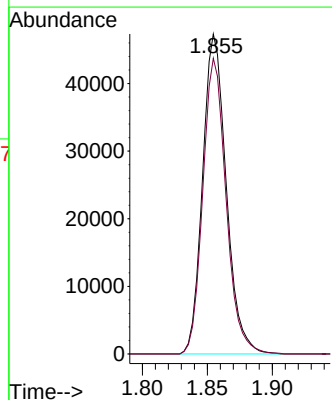
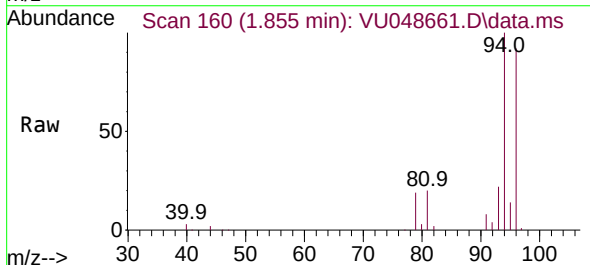
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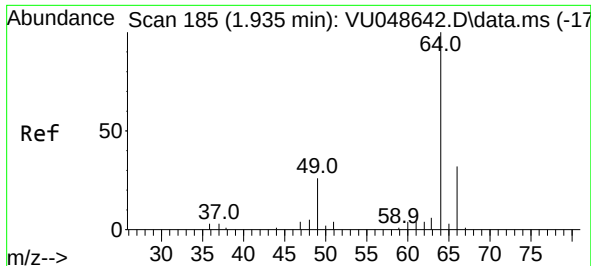
Tgt Ion: 62 Resp: 75054
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 54.316 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU048661.D
 Acq: 25 May 2022 10:46

Tgt Ion: 94 Resp: 59869
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 121.9

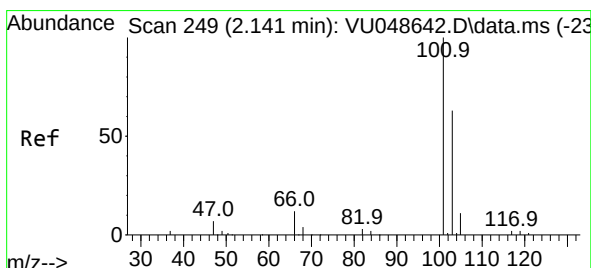
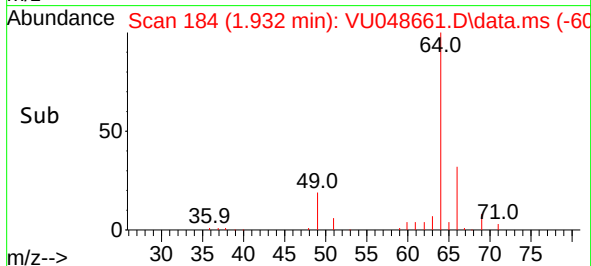
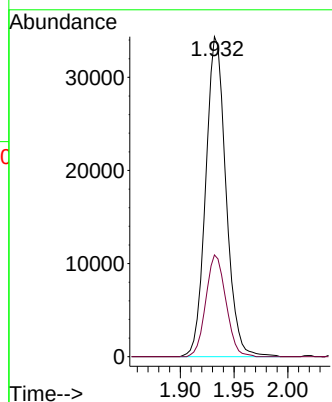
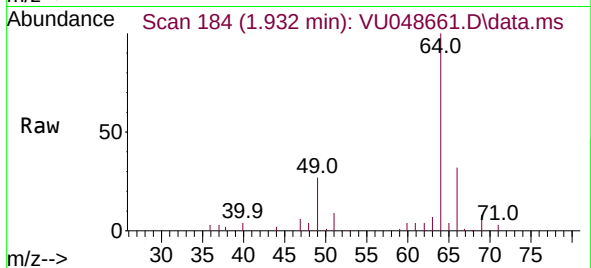




#8
Chloroethane
Concen: 50.105 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

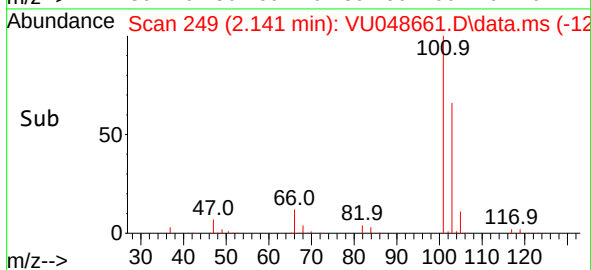
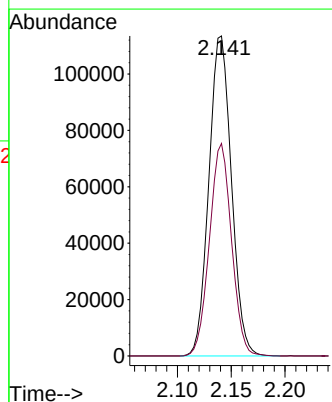
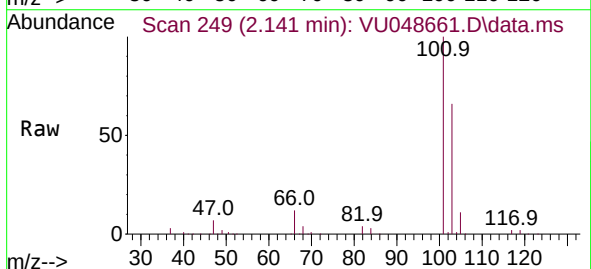
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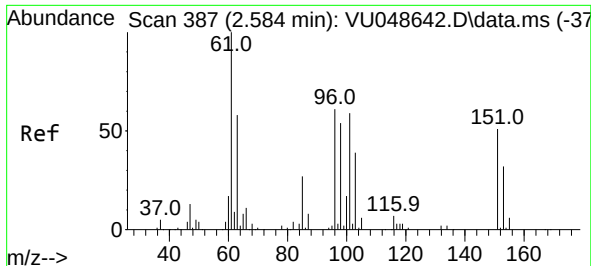
Tgt Ion: 64 Resp: 45028
Ion Ratio Lower Upper
64 100
66 31.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 55.506 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:101 Resp: 165441
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

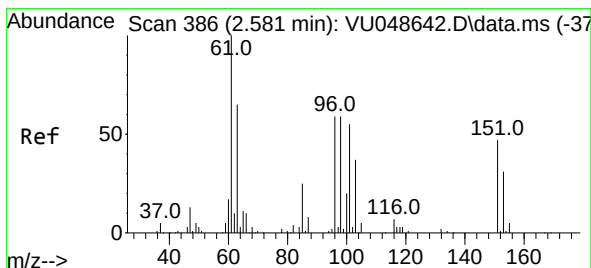
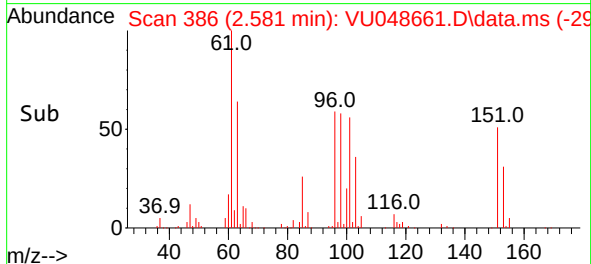
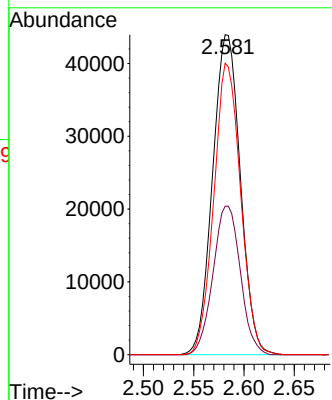
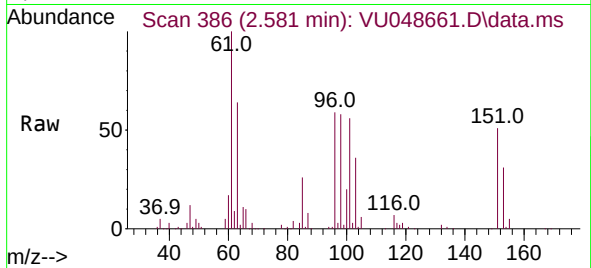




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.482 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

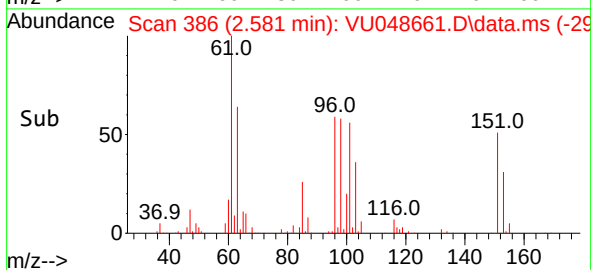
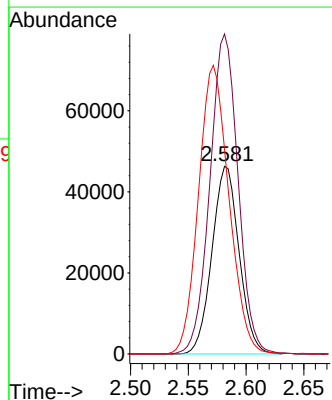
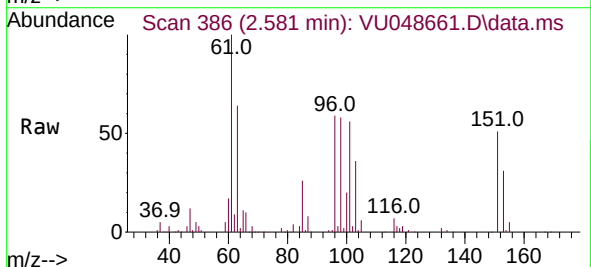
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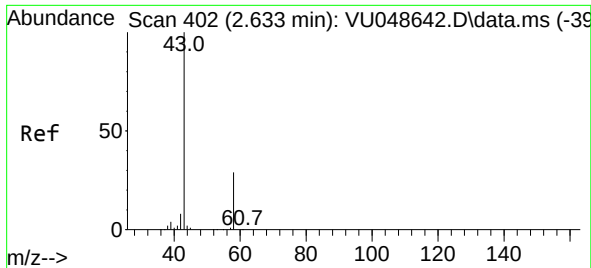
Tgt Ion:101 Resp: 84326
Ion Ratio Lower Upper
101 100
85 45.7 35.7 53.5
151 88.1 64.4 96.6



#12
1,1-Dichloroethene
Concen: 53.602 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 96 Resp: 75490
Ion Ratio Lower Upper
96 100
61 170.5 120.6 224.0
63 109.2 82.3 152.9





#13

Acetone

Concen: 116.921 ug/L

RT: 2.630 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

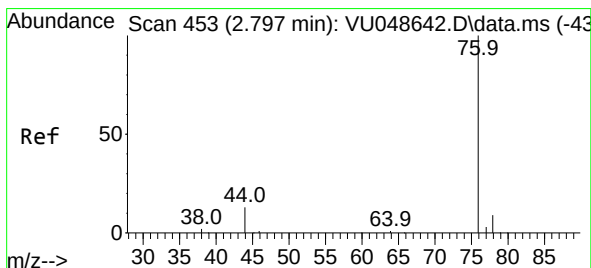
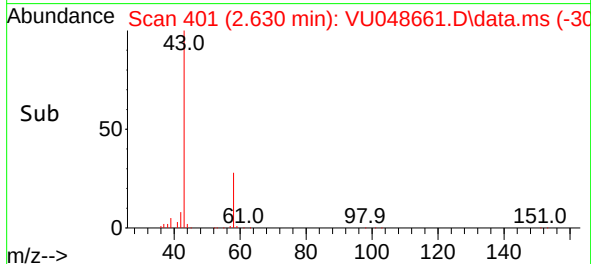
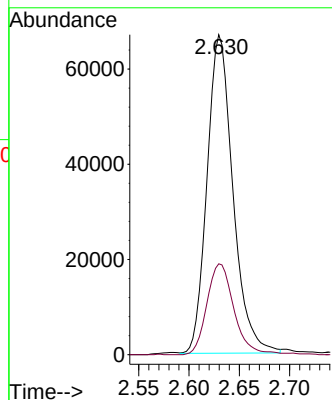
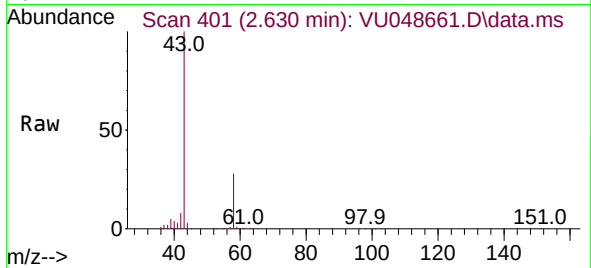
VSTD050140

Tgt Ion: 43 Resp: 119845

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.8



#14

Carbon disulfide

Concen: 49.925 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.003 min

Lab File: VU048661.D

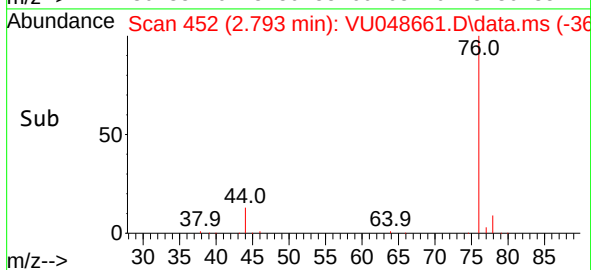
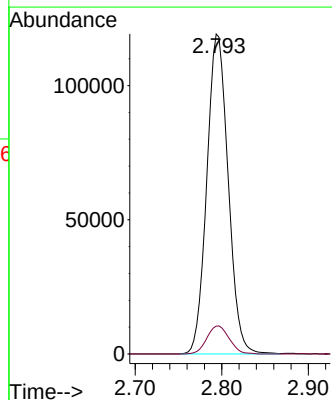
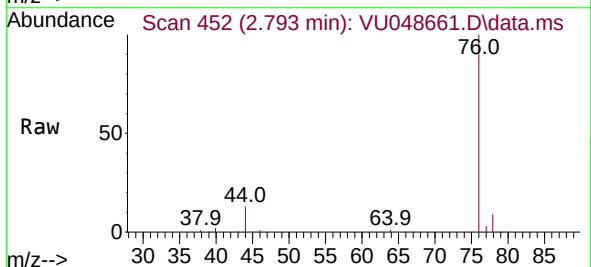
Acq: 25 May 2022 10:46

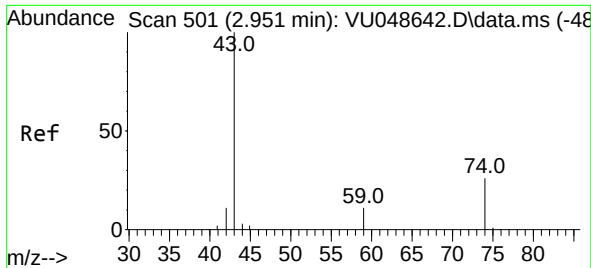
Tgt Ion: 76 Resp: 204041

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

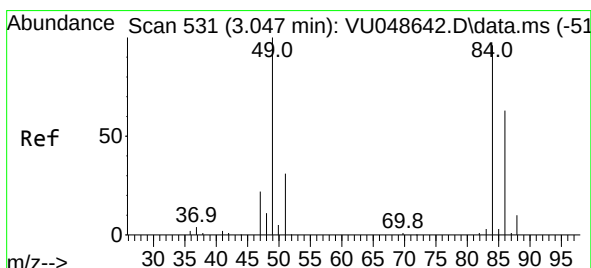
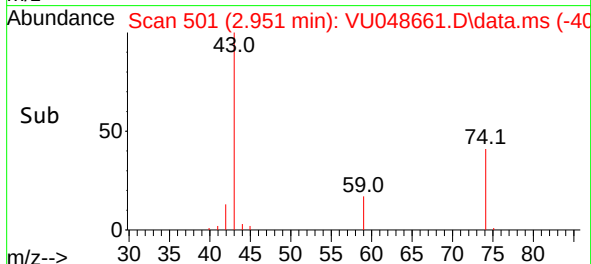
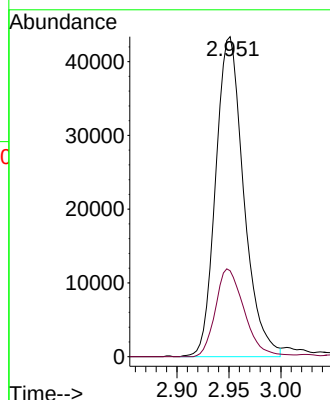
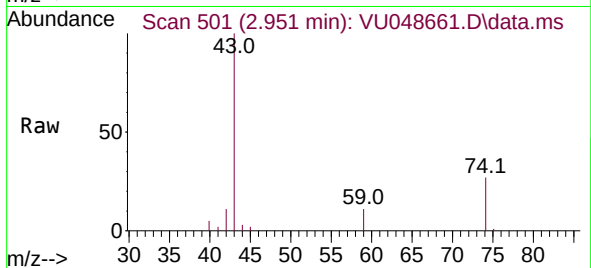




#15
Methyl Acetate
Concen: 46.629 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

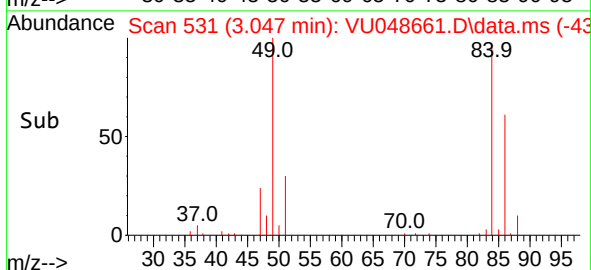
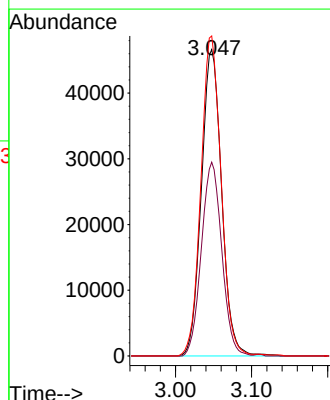
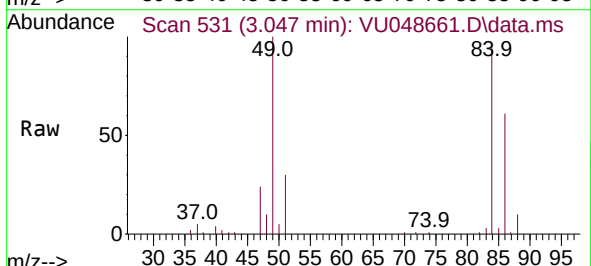
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

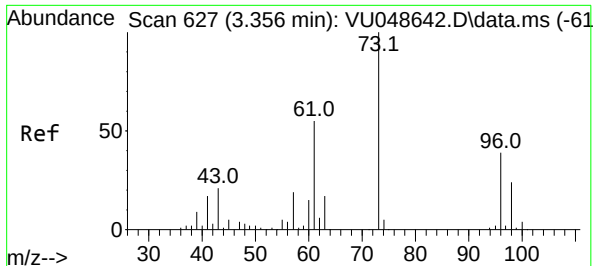
Tgt Ion: 43 Resp: 81571
Ion Ratio Lower Upper
43 100
74 28.1 21.7 32.5



#16
Methylene chloride
Concen: 52.643 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 84 Resp: 86313
Ion Ratio Lower Upper
84 100
86 63.2 43.5 80.9
49 104.4 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 53.982 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD050140

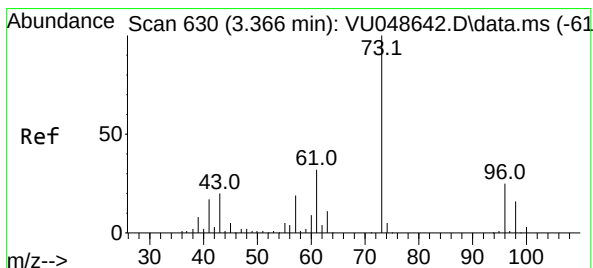
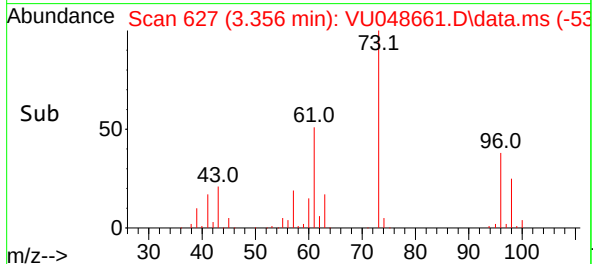
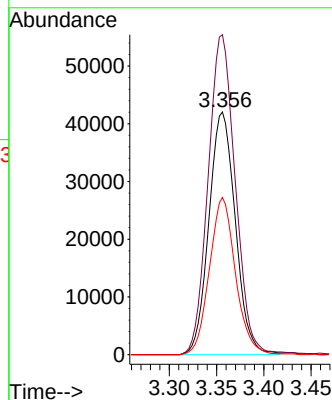
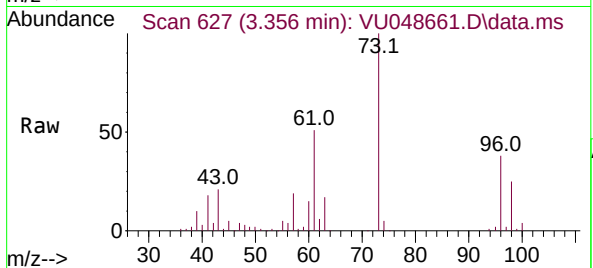
Tgt Ion: 96 Resp: 81998

Ion Ratio Lower Upper

96 100

61 131.8 94.2 175.0

98 64.8 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 55.452 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

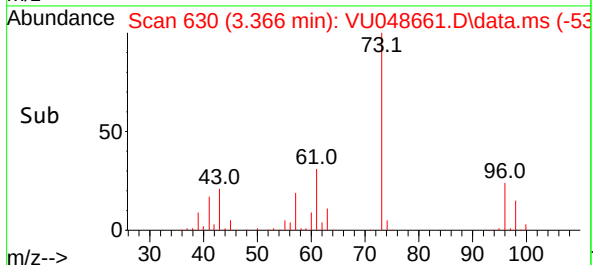
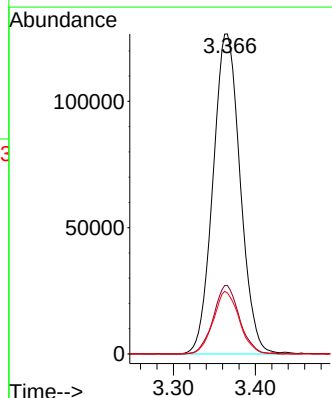
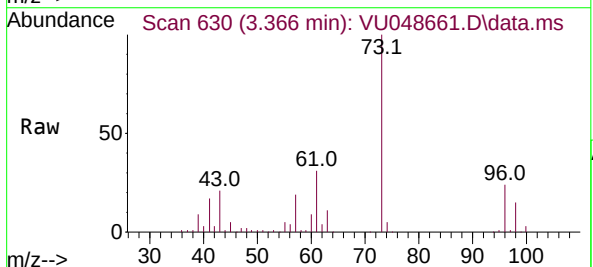
Tgt Ion: 73 Resp: 292234

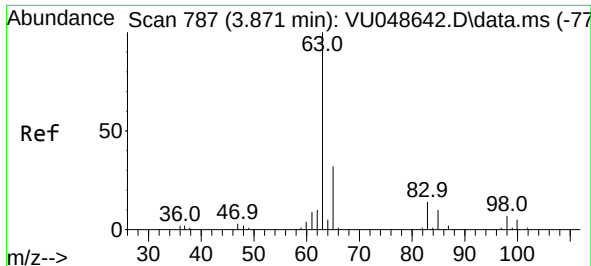
Ion Ratio Lower Upper

73 100

43 20.5 16.2 24.4

57 18.7 15.7 23.5





#19

1,1-Dichloroethane

Concen: 53.443 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD050140

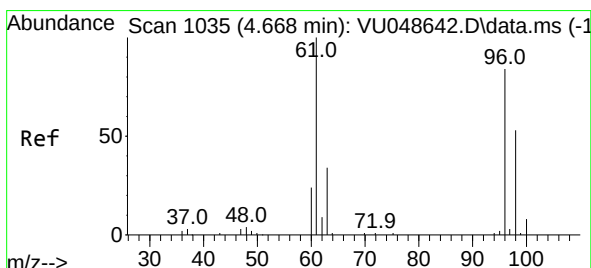
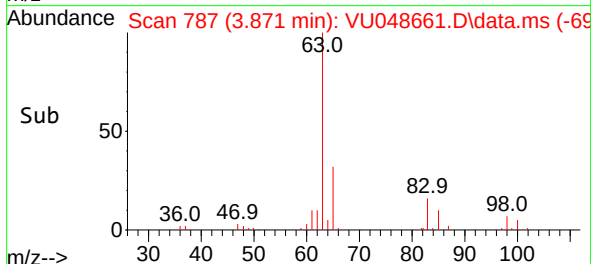
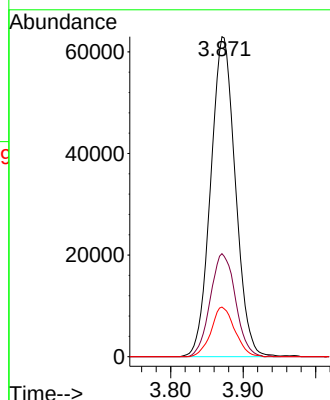
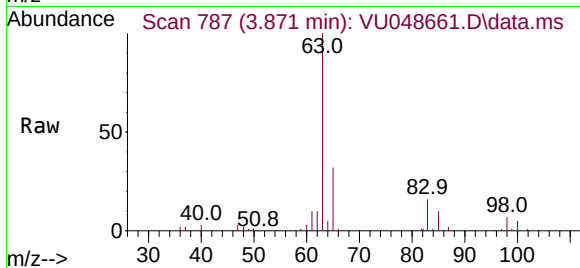
Tgt Ion: 63 Resp: 148619

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 15.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 53.258 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

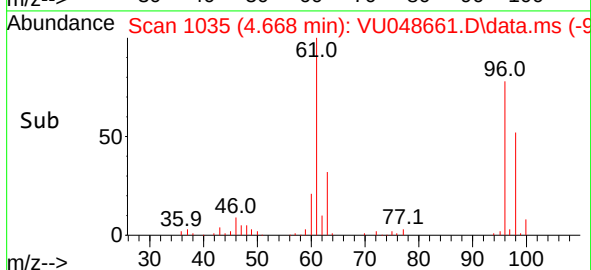
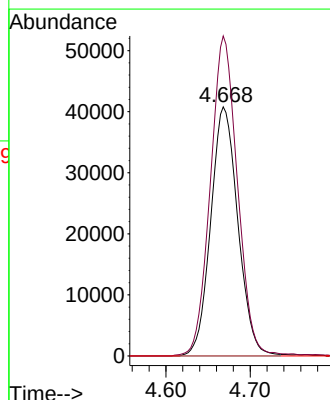
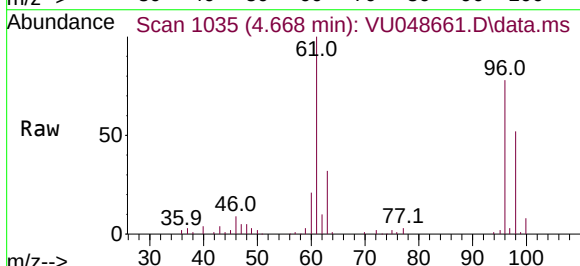
Tgt Ion: 96 Resp: 91232

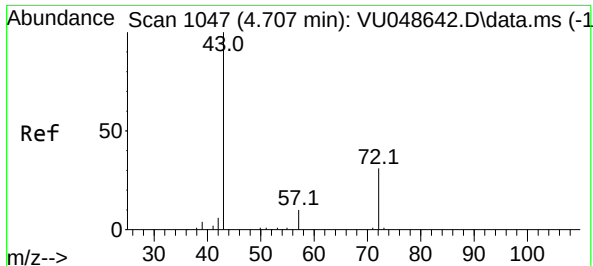
Ion Ratio Lower Upper

96 100

61 128.4 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 104.817 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

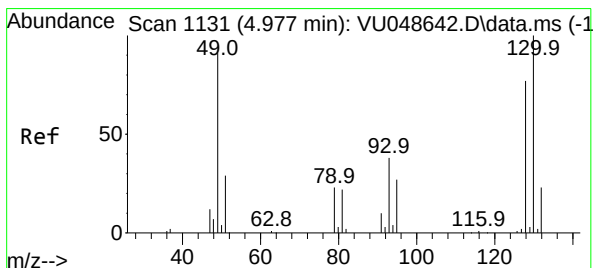
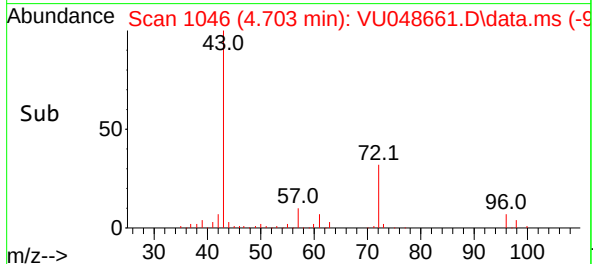
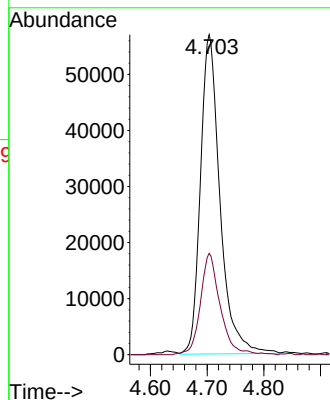
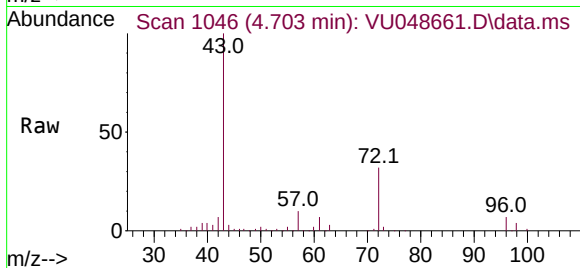
VSTD050140

Tgt Ion: 43 Resp: 136417

Ion Ratio Lower Upper

43 100

72 31.3 15.4 46.2



#23

Bromochloromethane

Concen: 56.081 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Tgt Ion:128 Resp: 53308

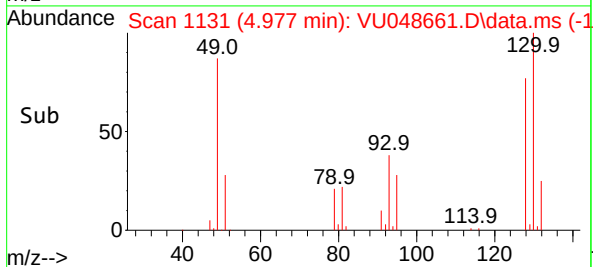
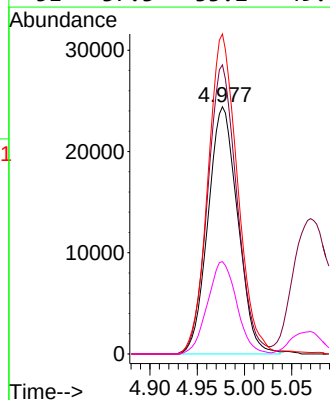
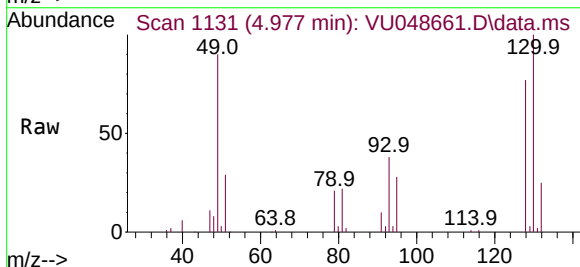
Ion Ratio Lower Upper

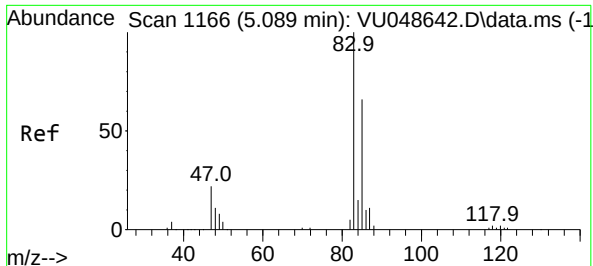
128 100

49 116.9 91.9 170.7

130 129.4 88.4 164.2

51 37.3 33.2 49.8





#25

Chloroform

Concen: 56.405 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

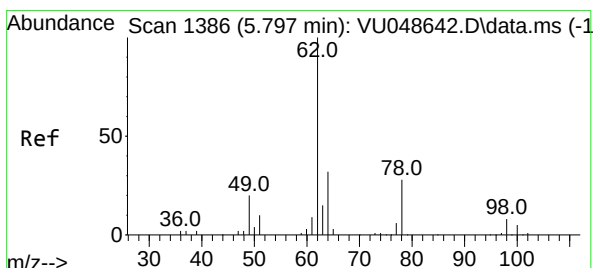
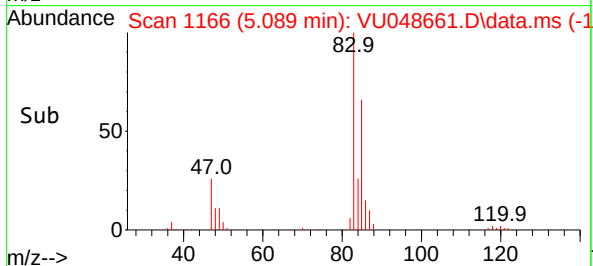
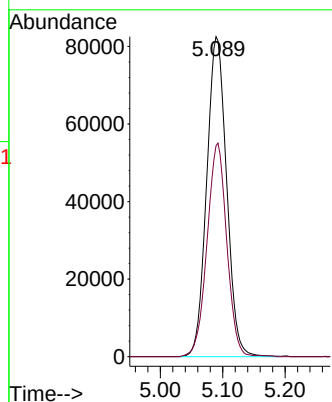
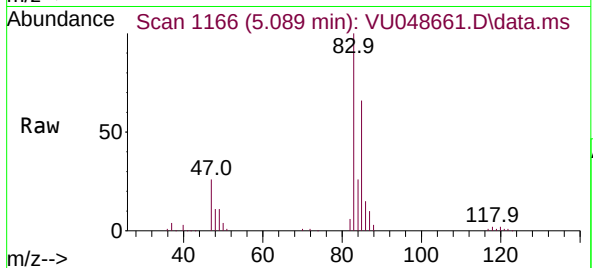
VSTD050140

Tgt Ion: 83 Resp: 183089

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 56.810 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048661.D

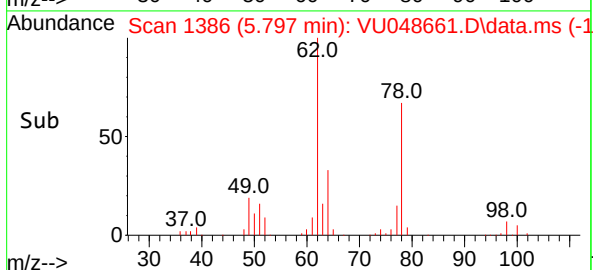
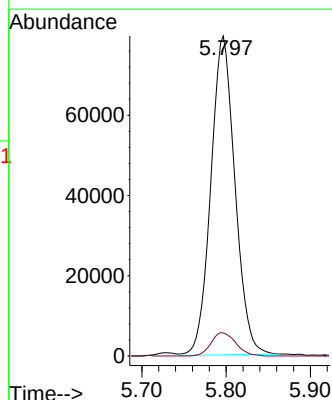
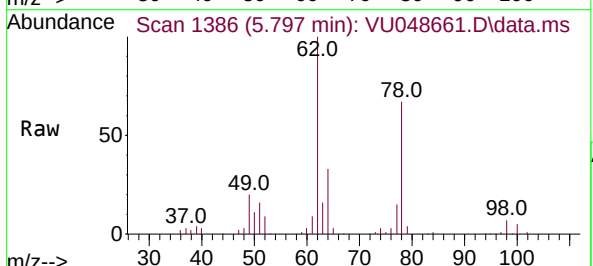
Acq: 25 May 2022 10:46

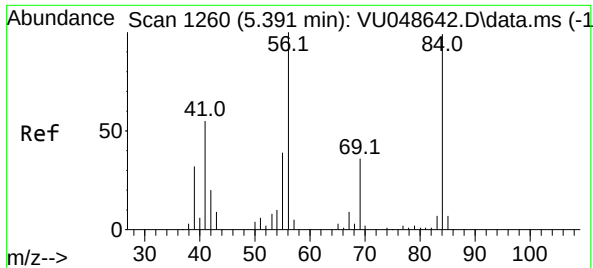
Tgt Ion: 62 Resp: 158188

Ion Ratio Lower Upper

62 100

98 7.2 6.0 9.0





#29

Cyclohexane

Concen: 51.100 ug/L

RT: 5.391 min Scan# 112378

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD050140

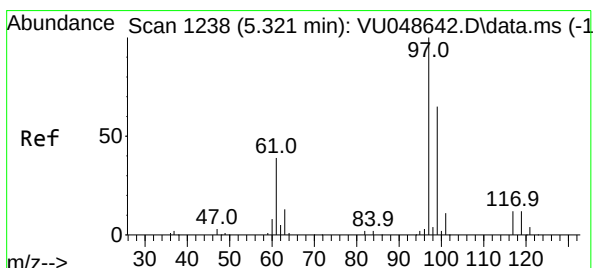
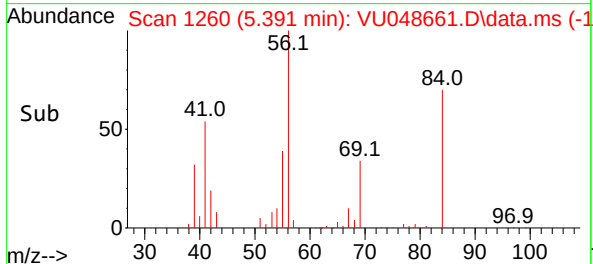
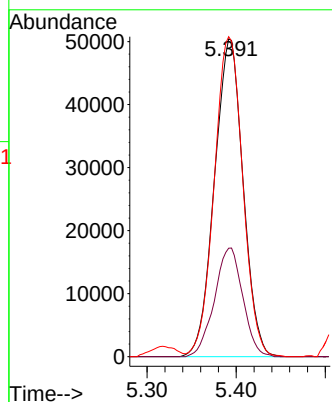
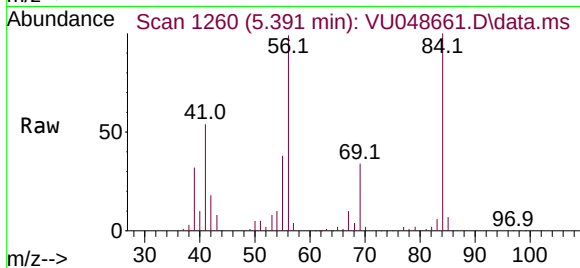
Tgt Ion: 56 Resp: 112378

Ion Ratio Lower Upper

56 100

69 33.9 26.5 39.7

84 100.4 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 56.336 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

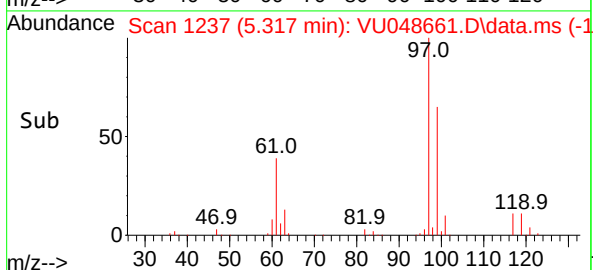
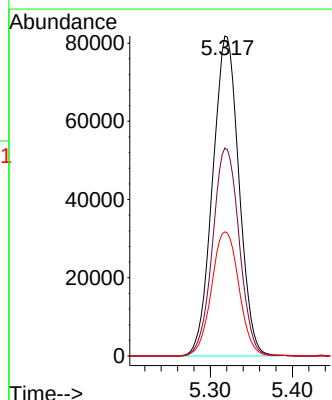
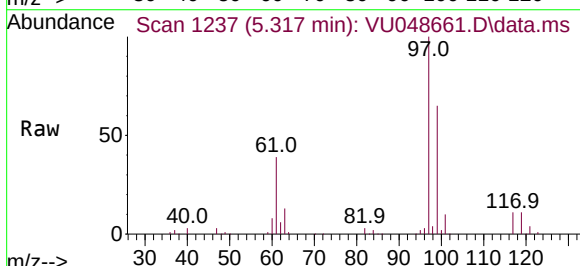
Tgt Ion: 97 Resp: 182639

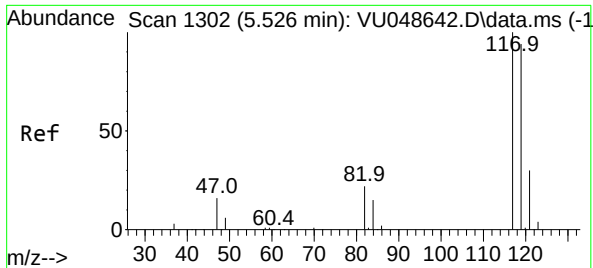
Ion Ratio Lower Upper

97 100

99 65.6 50.3 75.5

61 40.3 32.6 48.8

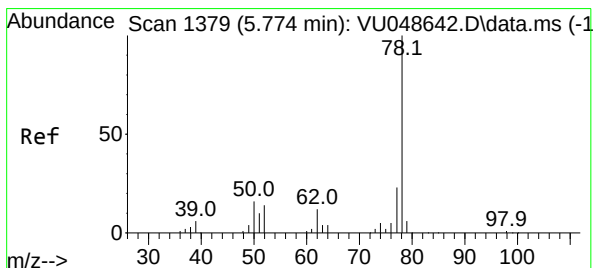
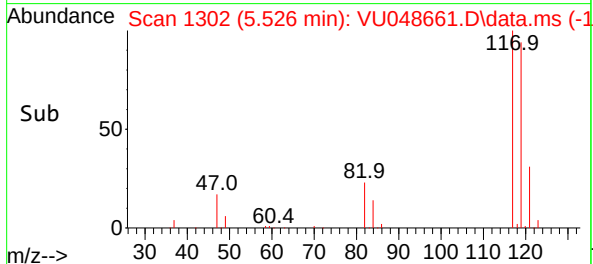
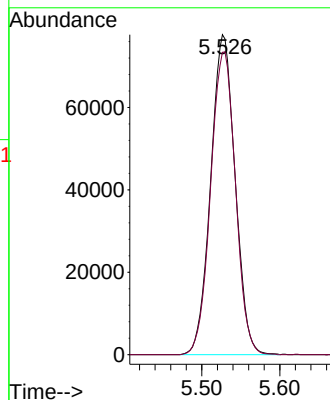
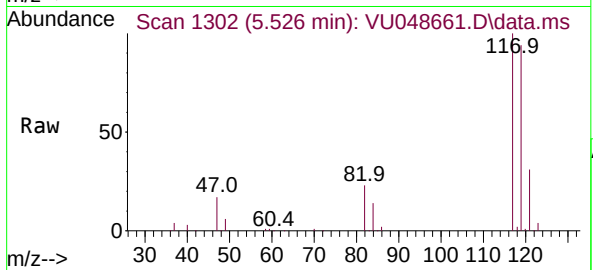




#31
Carbon tetrachloride
Concen: 57.322 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

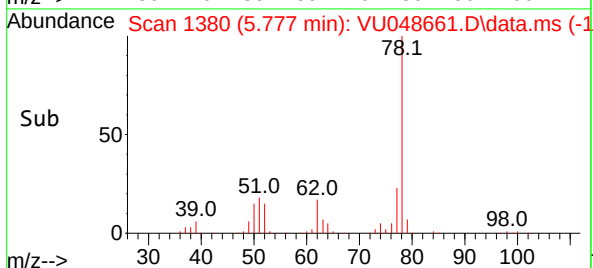
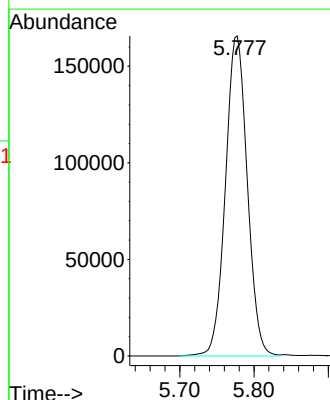
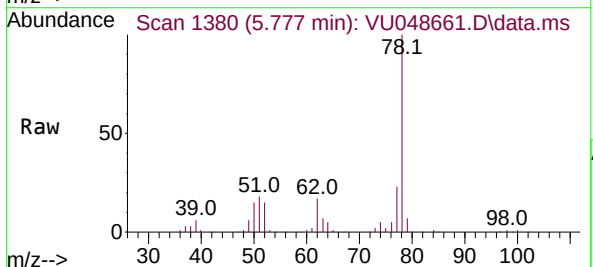
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

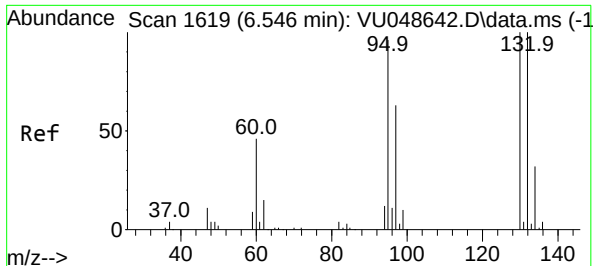
Tgt Ion:117 Resp: 169362
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0



#33
Benzene
Concen: 54.082 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 78 Resp: 338308

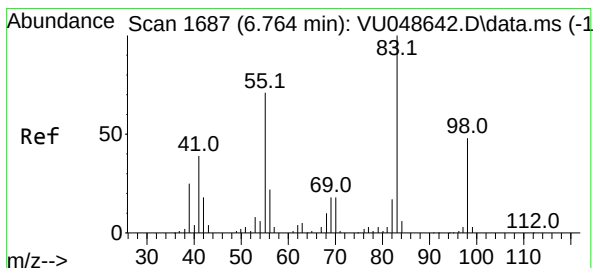
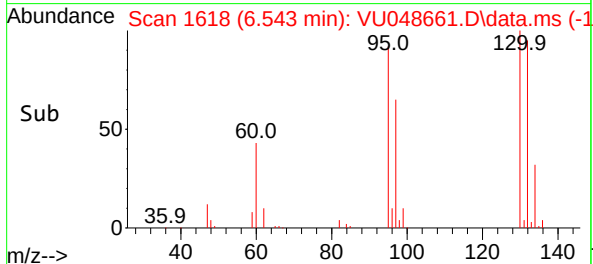
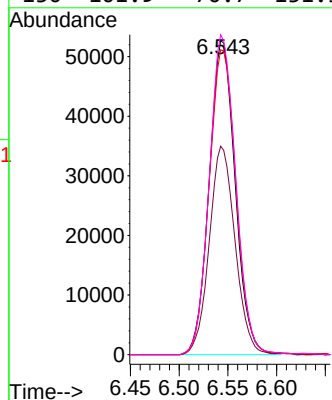
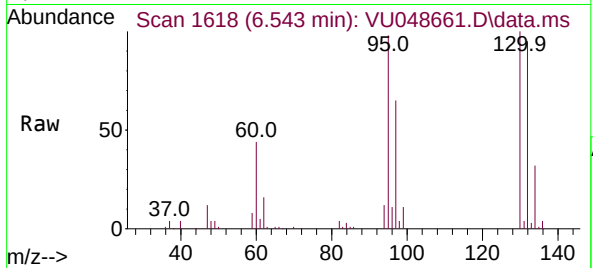




#34
Trichloroethene
Concen: 55.304 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

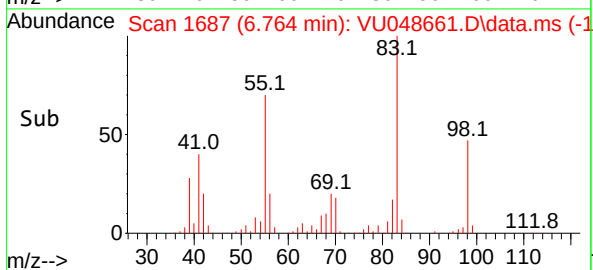
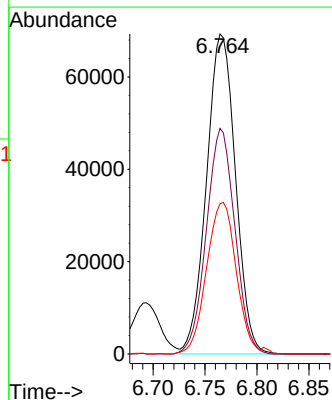
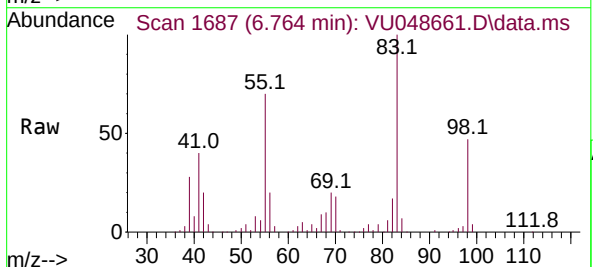
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

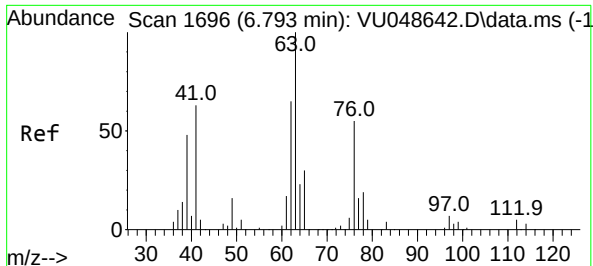
Tgt Ion: 95 Resp: 97877
Ion Ratio Lower Upper
95 100
97 66.4 45.2 84.0
132 97.1 67.3 124.9
130 101.9 70.7 131.3



#35
Methylcyclohexane
Concen: 52.999 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 83 Resp: 134602
Ion Ratio Lower Upper
83 100
55 69.3 56.2 84.4
98 48.3 38.2 57.2





#37

1,2-Dichloropropane

Concen: 51.548 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

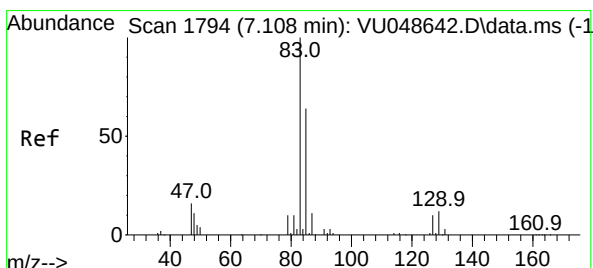
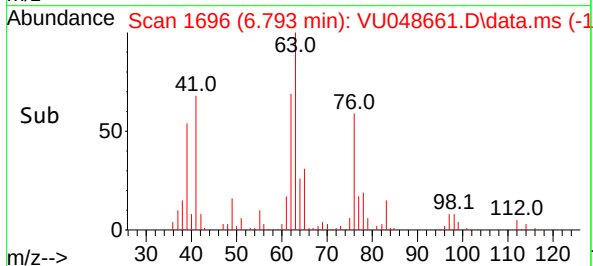
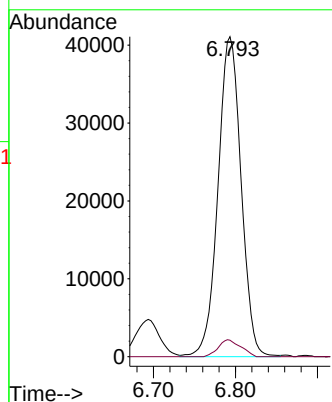
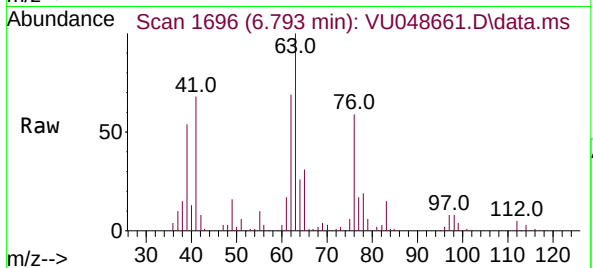
VSTD050140

Tgt Ion: 63 Resp: 80629

Ion Ratio Lower Upper

63 100

112 5.1 3.7 5.5



#38

Bromodichloromethane

Concen: 56.152 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

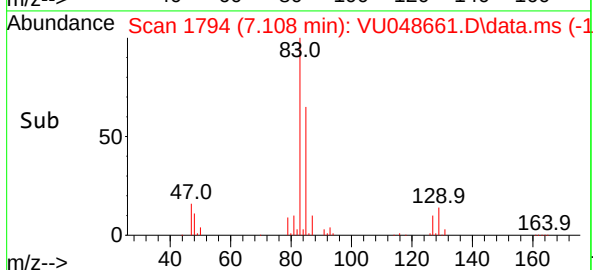
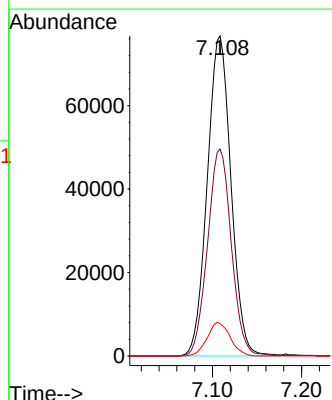
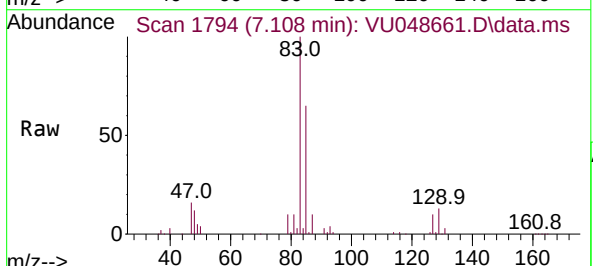
Tgt Ion: 83 Resp: 142104

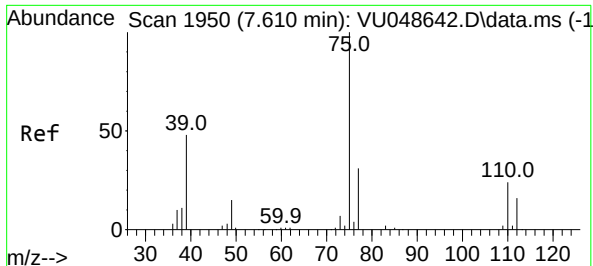
Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5

127 10.1 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 55.896 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

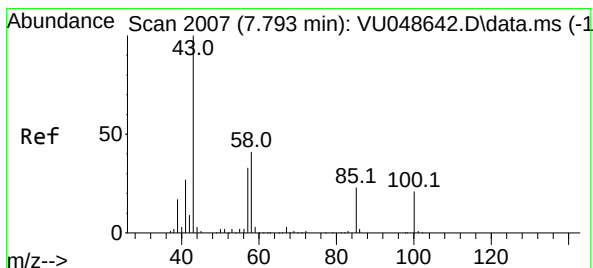
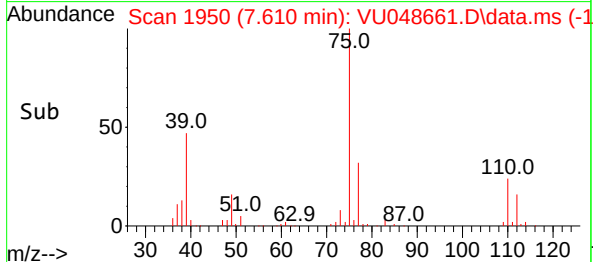
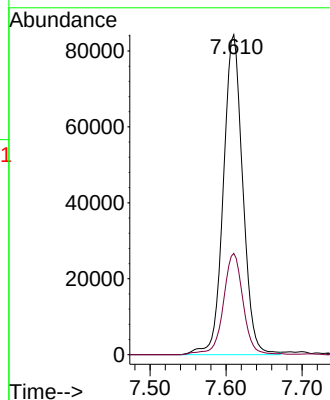
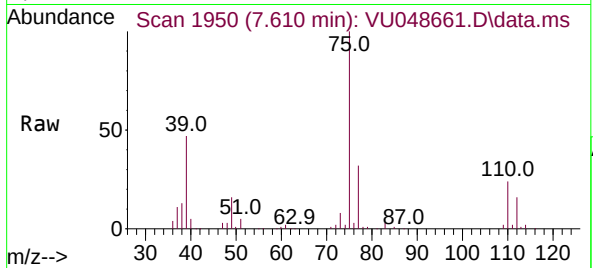
VSTD050140

Tgt Ion: 75 Resp: 149271

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 96.387 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

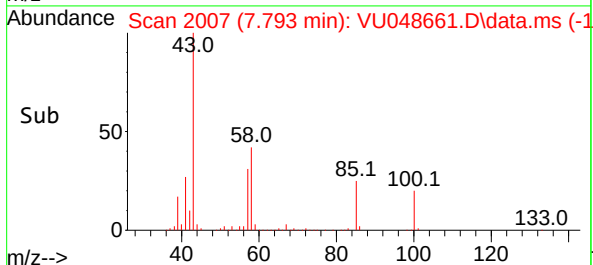
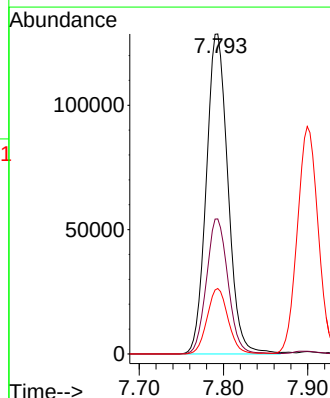
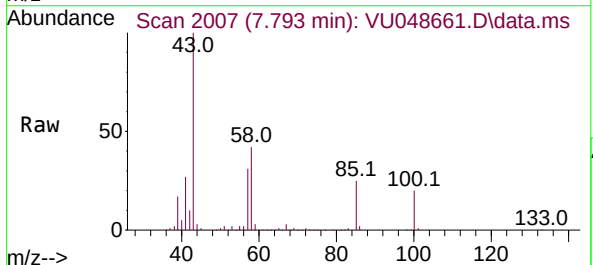
Tgt Ion: 43 Resp: 230071

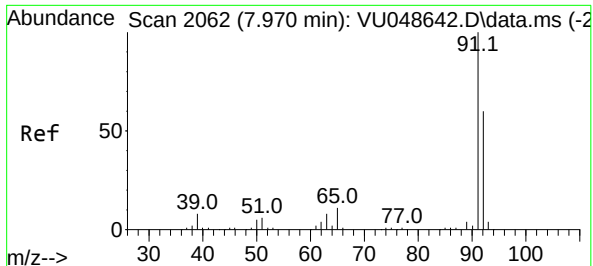
Ion Ratio Lower Upper

43 100

58 42.2 34.3 51.5

100 19.8 14.7 22.1





#42

Toluene

Concen: 55.659 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

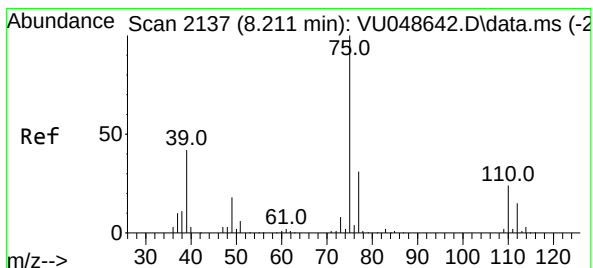
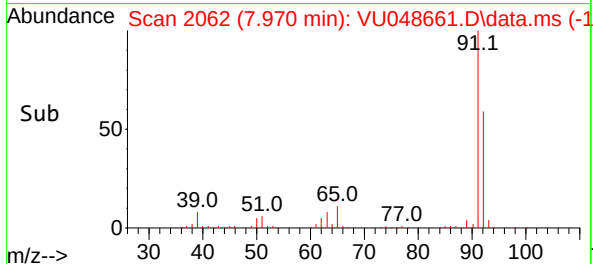
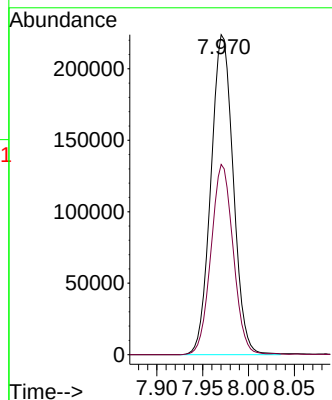
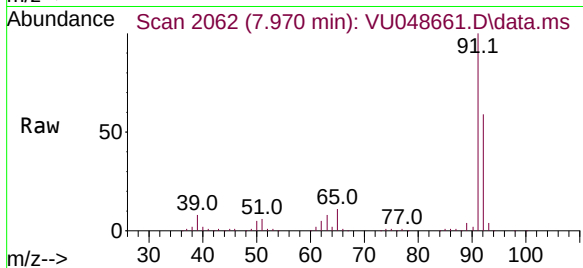
VSTD050140

Tgt Ion: 91 Resp: 379489

Ion Ratio Lower Upper

91 100

92 59.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 55.666 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048661.D

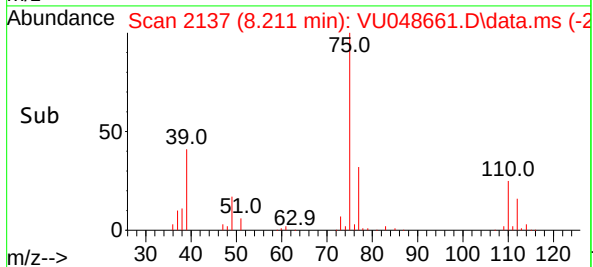
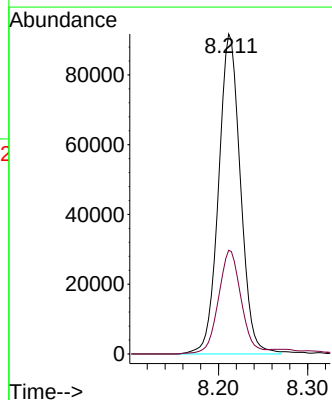
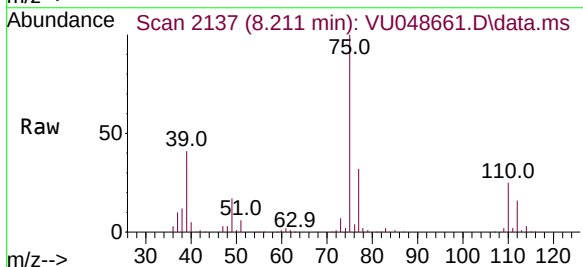
Acq: 25 May 2022 10:46

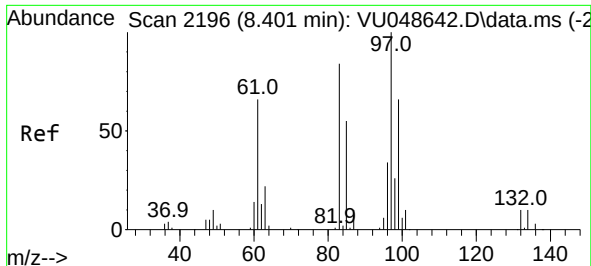
Tgt Ion: 75 Resp: 156772

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1

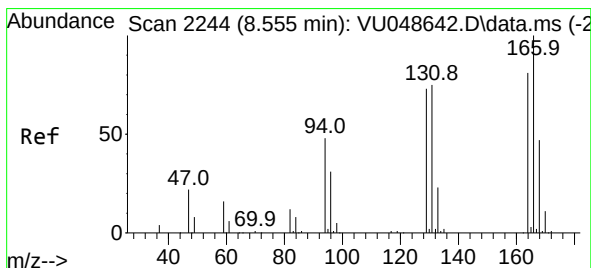
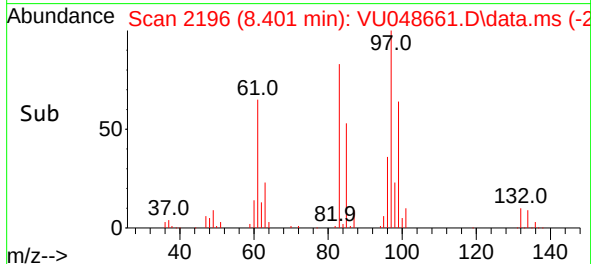
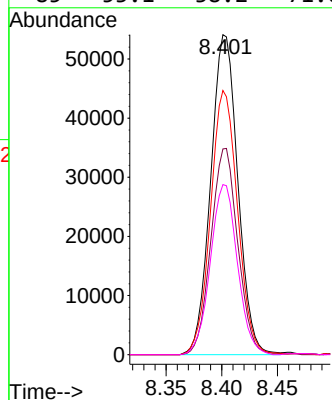
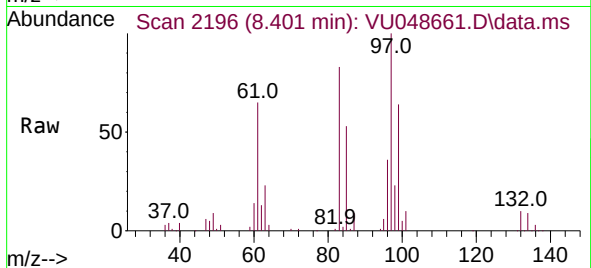




#45
1,1,2-Trichloroethane
Concen: 54.784 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

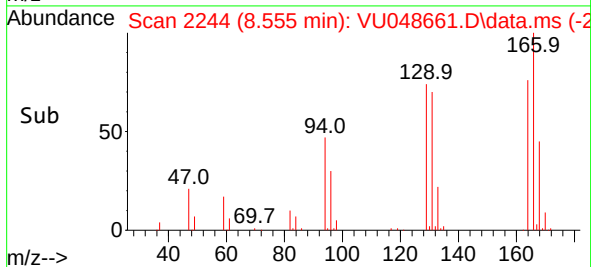
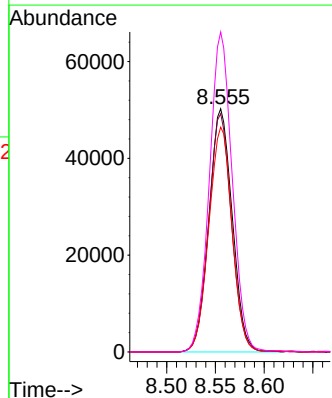
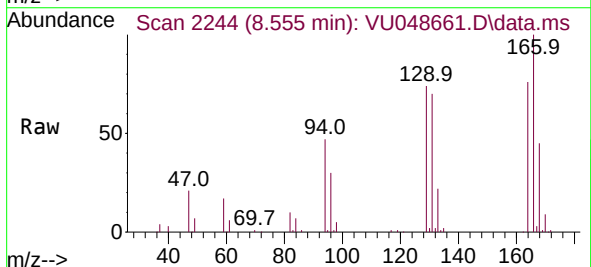
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

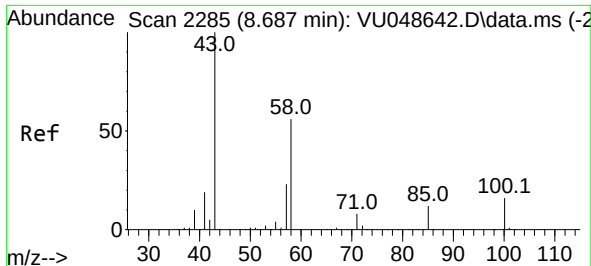
Tgt Ion:	97	Resp:	91764
Ion	Ratio	Lower	Upper
97	100		
99	64.3	42.2	78.4
83	82.5	58.4	108.6
85	53.1	38.2	71.0



#46
Tetrachloroethene
Concen: 58.062 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:	164	Resp:	83852
Ion	Ratio	Lower	Upper
164	100		
129	98.0	64.3	119.3
131	92.4	64.5	119.7
166	131.6	87.5	162.5



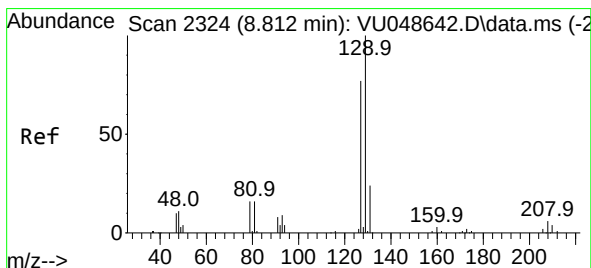
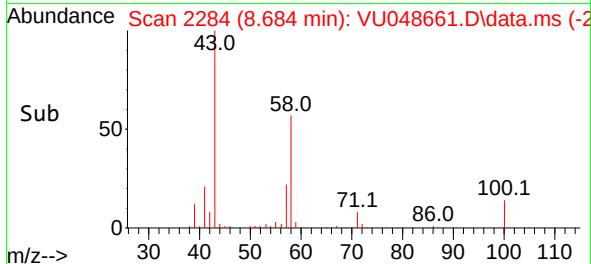
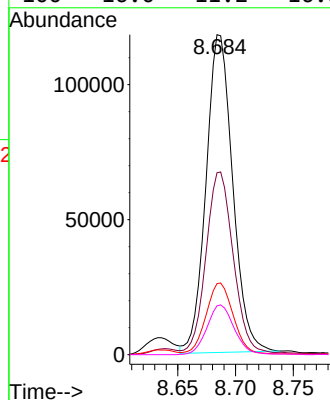
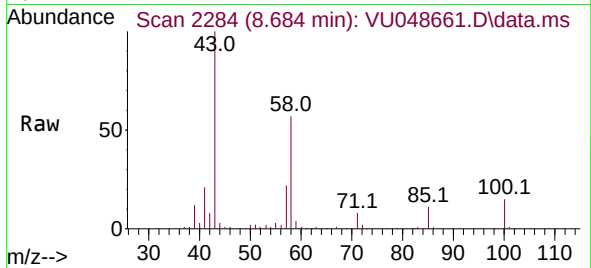


#48
2-Hexanone
Concen: 92.599 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

Tgt Ion: 43 Resp: 189378

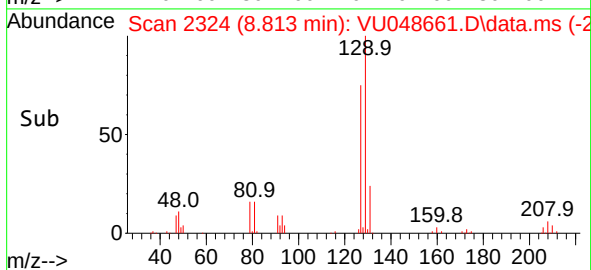
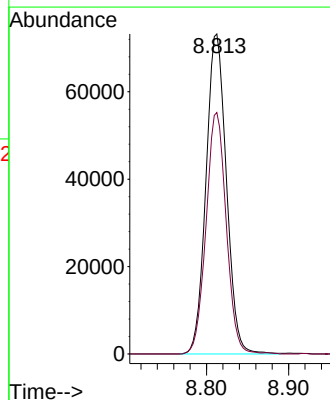
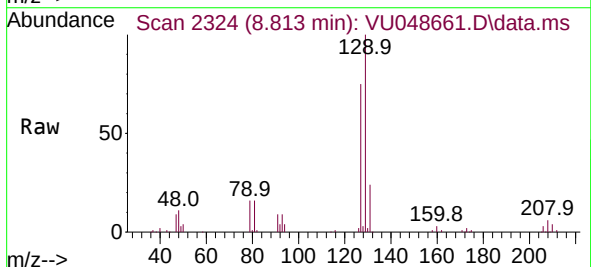
Ion	Ratio	Lower	Upper
43	100		
58	57.7	45.8	68.6
57	22.7	16.8	25.2
100	16.0	11.2	16.8

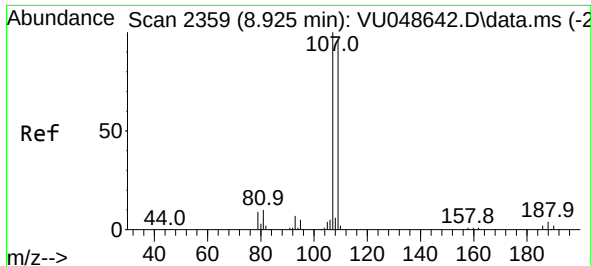


#49
Dibromochloromethane
Concen: 58.726 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 129 Resp: 126467

Ion	Ratio	Lower	Upper
129	100		
127	75.4	53.1	98.5





#50

1,2-Dibromoethane

Concen: 54.029 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD050140

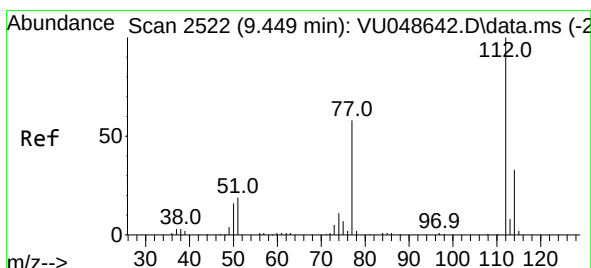
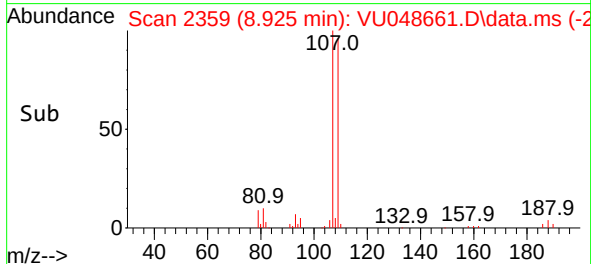
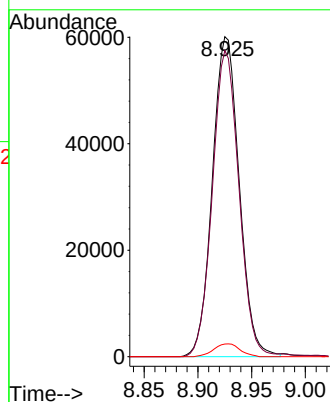
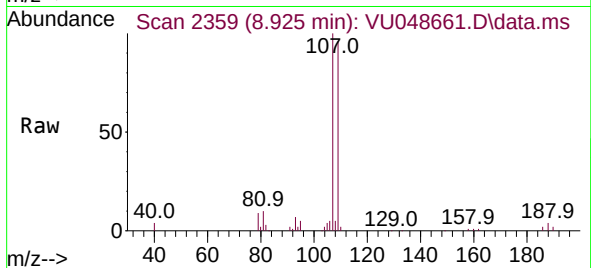
Tgt Ion:107 Resp: 104445

Ion Ratio Lower Upper

107 100

109 95.6 67.5 125.3

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 54.570 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048661.D

Acq: 25 May 2022 10:46

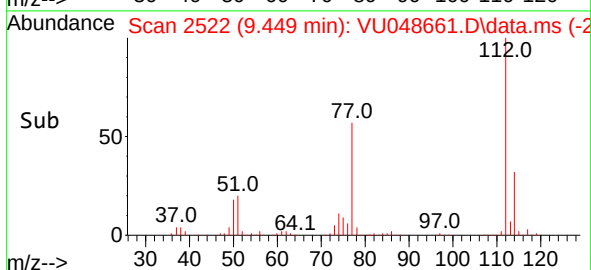
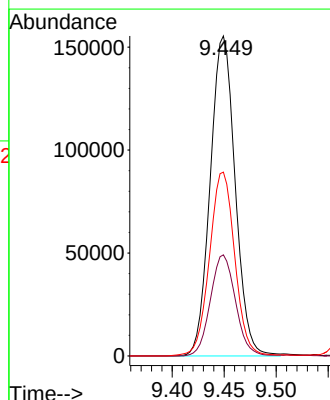
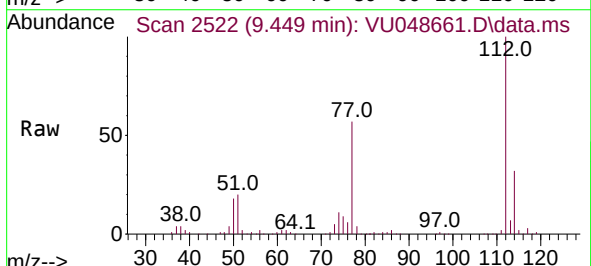
Tgt Ion:112 Resp: 259497

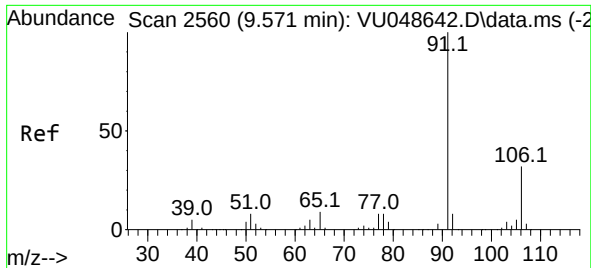
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 57.5 46.5 69.7

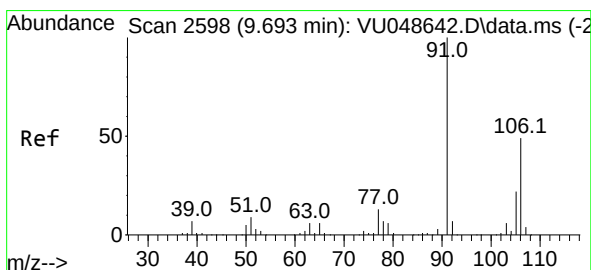
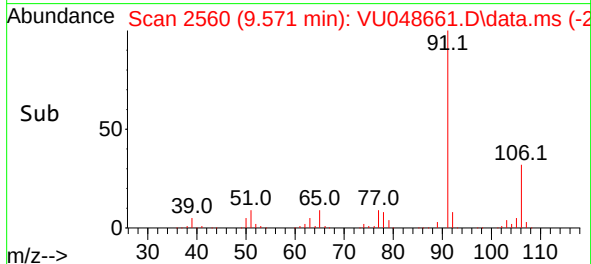
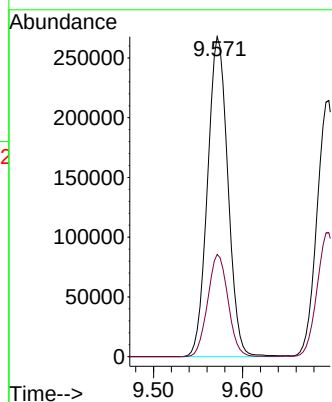
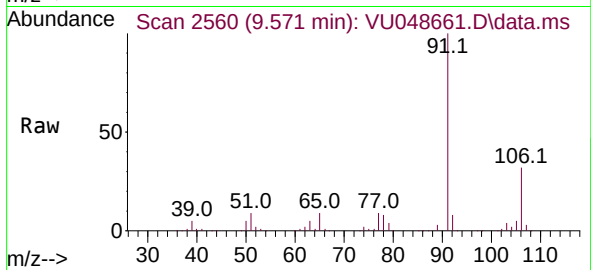




#52
Ethylbenzene
Concen: 54.490 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

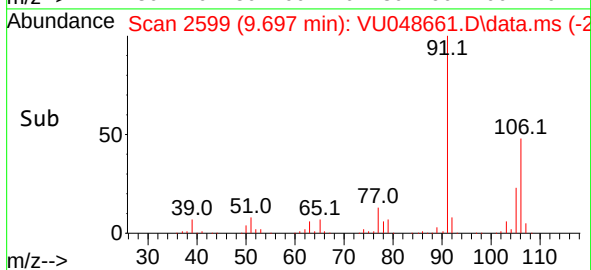
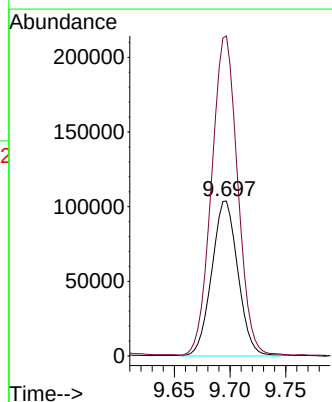
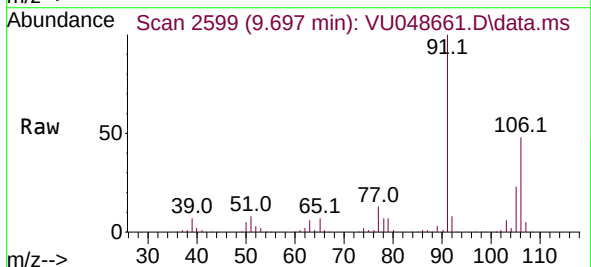
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

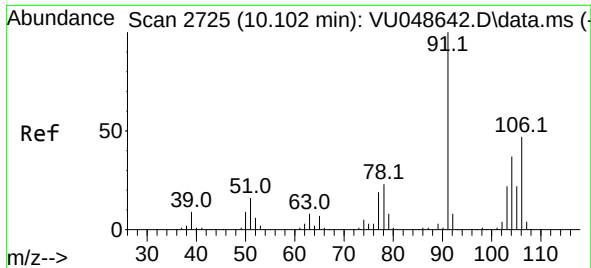
Tgt Ion: 91 Resp: 424564
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6



#53
m,p-Xylene
Concen: 54.183 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 106 Resp: 169660
Ion Ratio Lower Upper
106 100
91 206.6 141.8 263.4

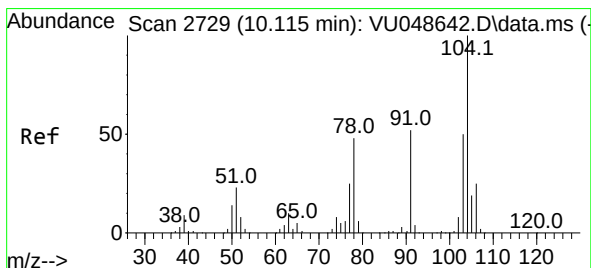
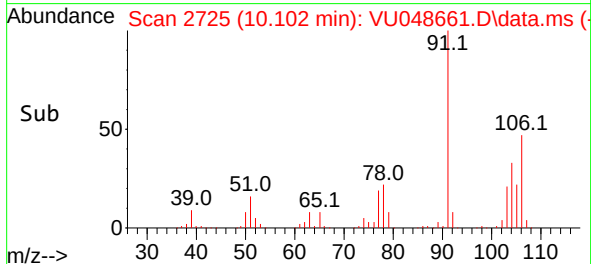
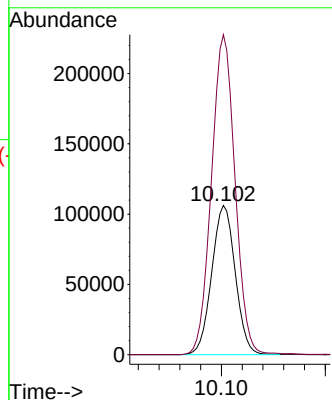
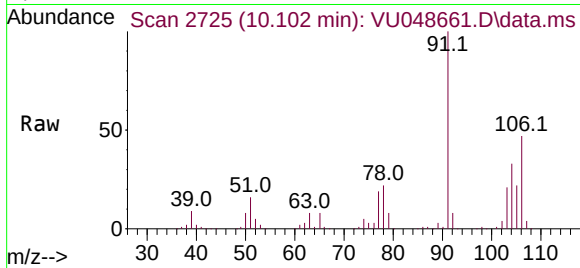




#54
o-Xylene
Concen: 55.648 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

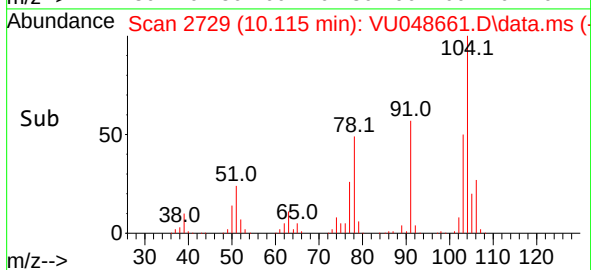
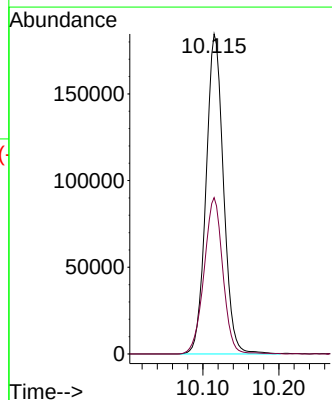
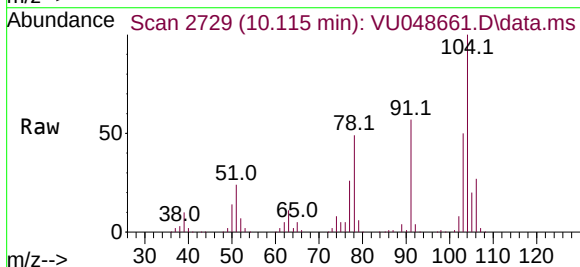
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

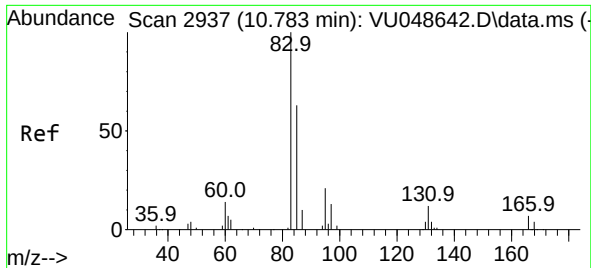
Tgt Ion:106 Resp: 166930
Ion Ratio Lower Upper
106 100
91 214.5 150.1 278.9



#55
Styrene
Concen: 56.448 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:104 Resp: 294412
Ion Ratio Lower Upper
104 100
78 48.9 32.7 60.7

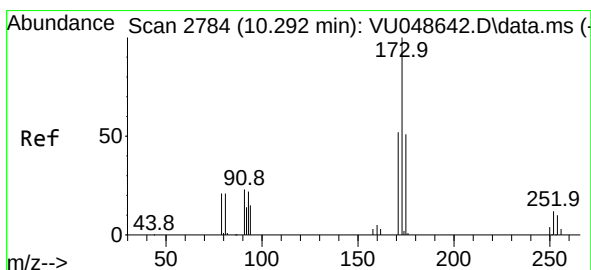
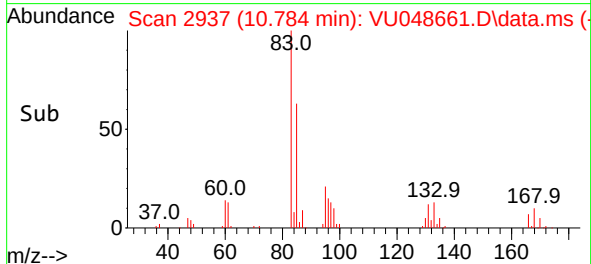
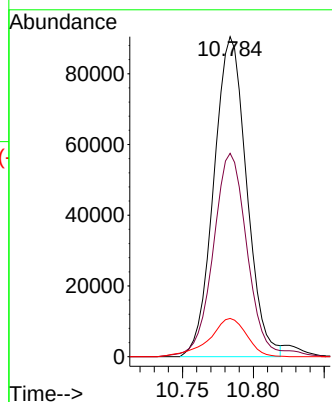
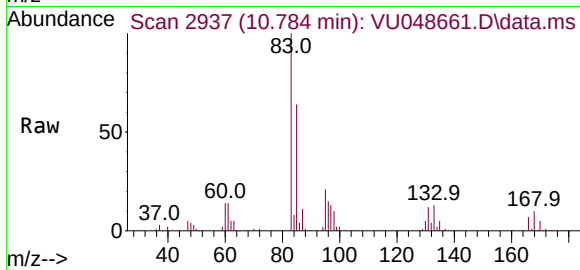




#57
1,1,2,2-Tetrachloroethane
Concen: 50.314 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

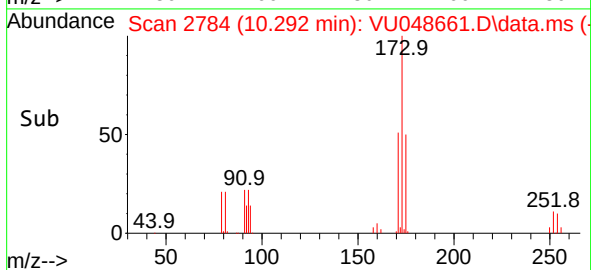
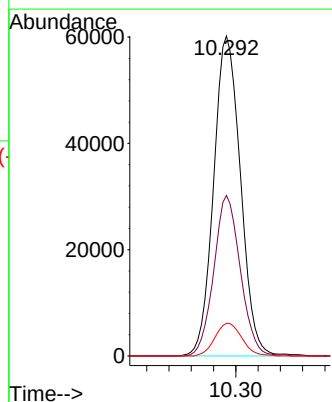
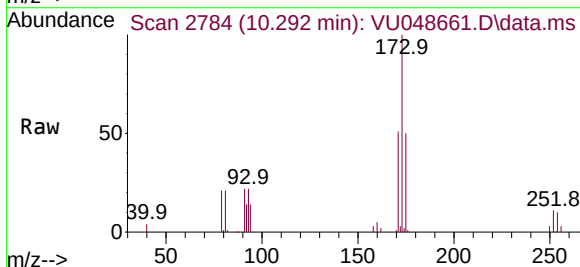
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

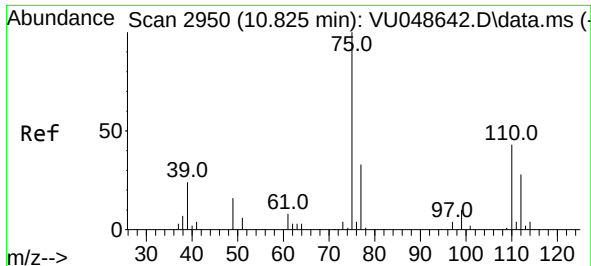
Tgt Ion: 83 Resp: 145655
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9
131 12.0 8.9 13.3



#59
Bromoform
Concen: 55.531 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:173 Resp: 100722
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.4
254 10.2 7.7 11.5

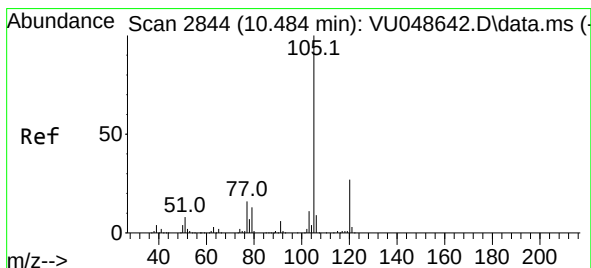
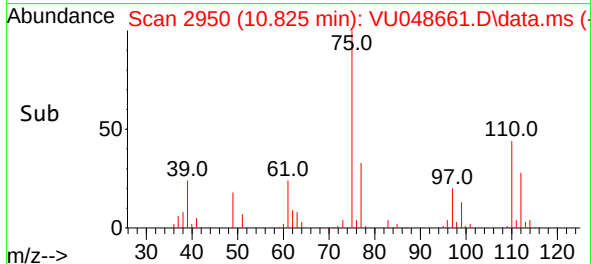
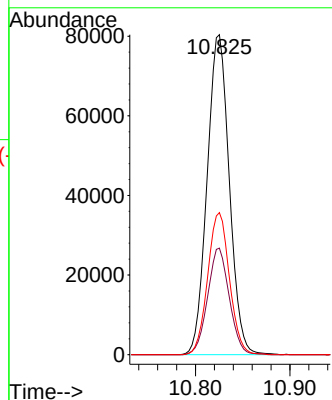
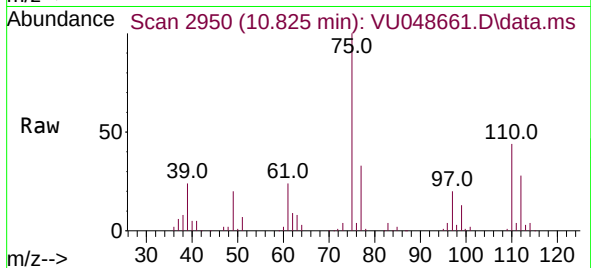




#60
1,2,3-Trichloropropane
Concen: 50.132 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

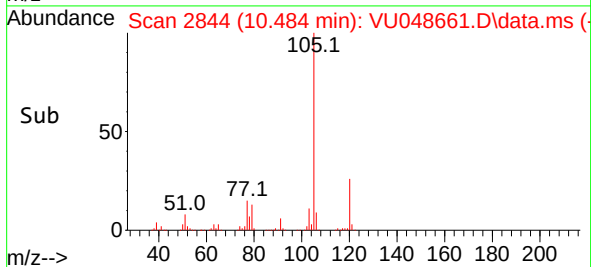
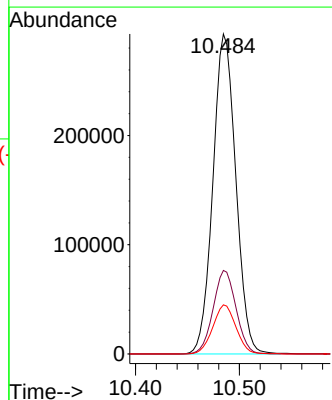
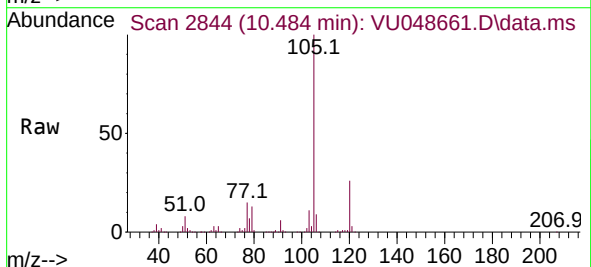
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

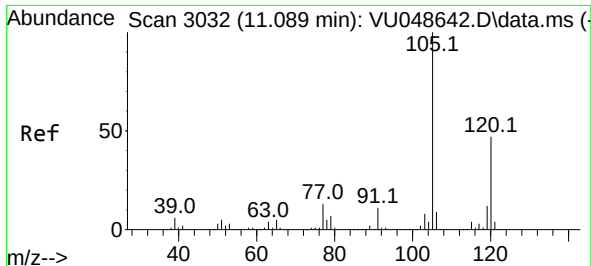
Tgt Ion: 75 Resp: 131190
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 43.5 32.1 48.1



#61
Isopropylbenzene
Concen: 55.213 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 105 Resp: 448677
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.5 12.5 18.7

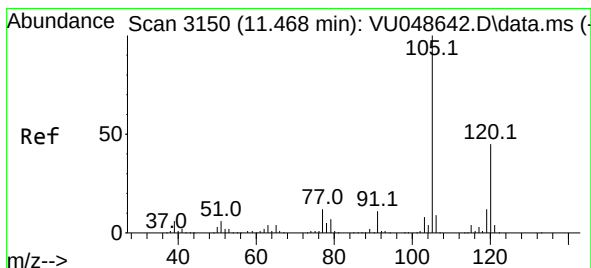
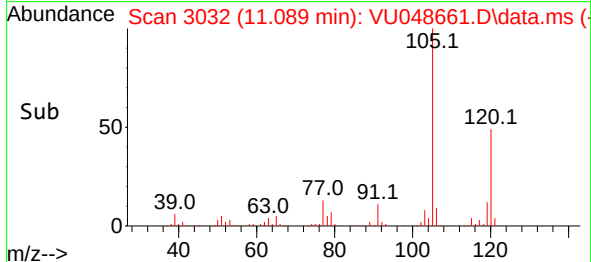
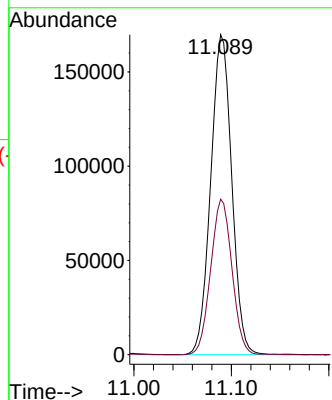
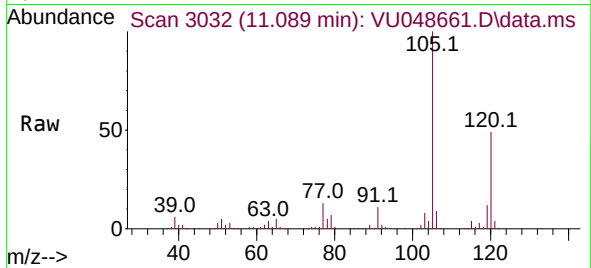




#62
1,3,5-Trimethylbenzene
Concen: 55.079 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

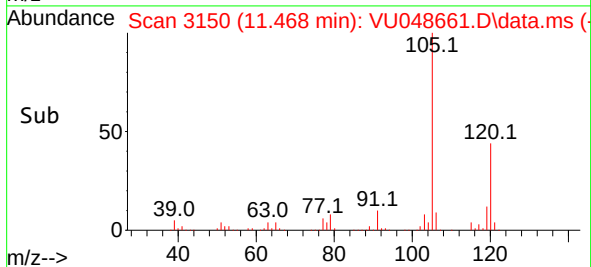
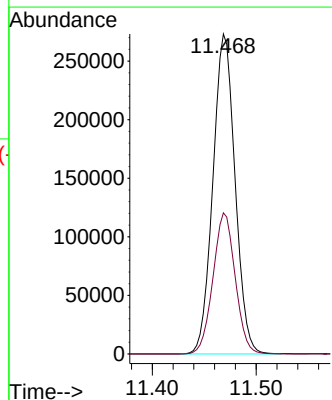
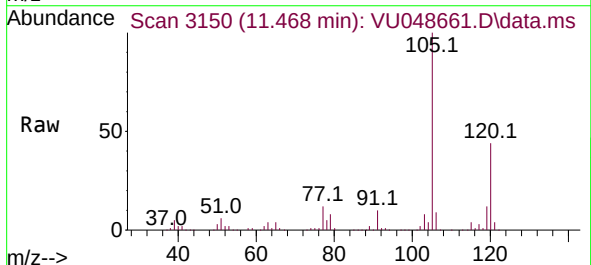
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

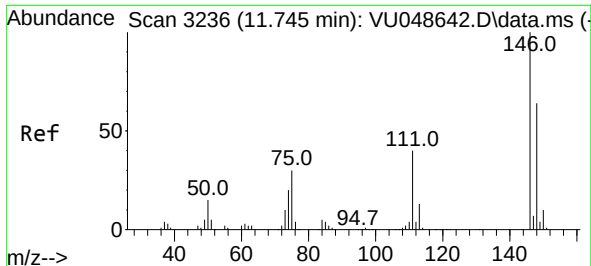
Tgt Ion:105 Resp: 254461
Ion Ratio Lower Upper
105 100
120 49.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 56.348 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:105 Resp: 404801
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2

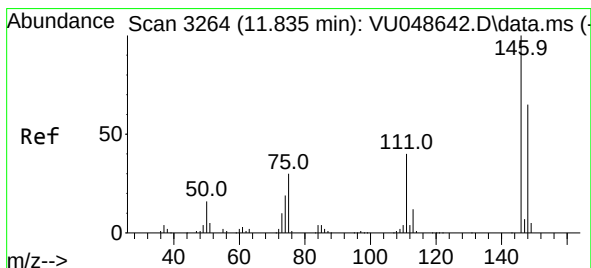
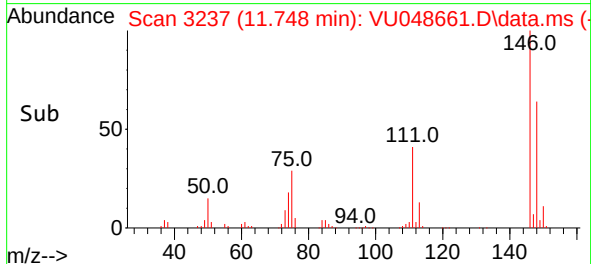
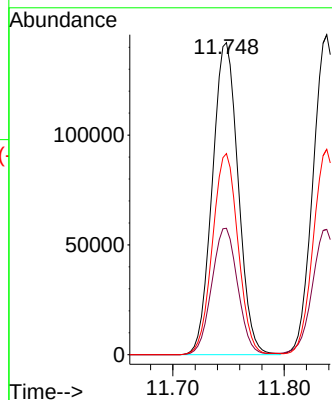
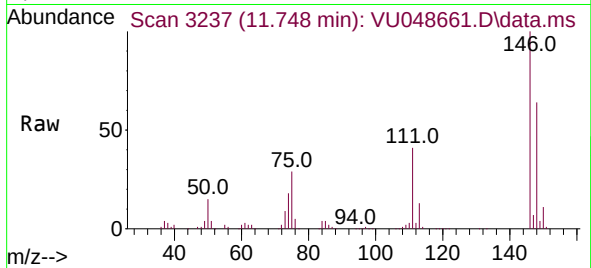




#64
1,3-Dichlorobenzene
Concen: 54.805 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

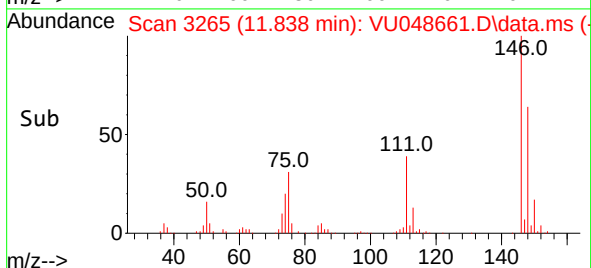
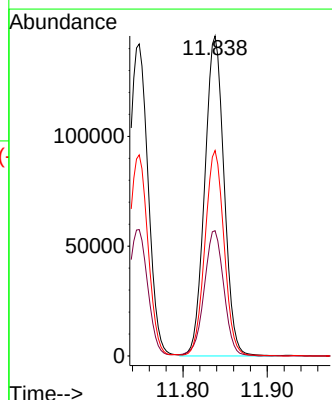
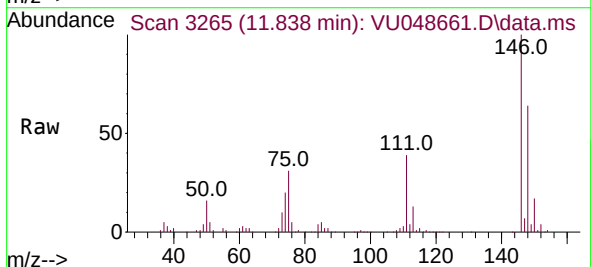
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

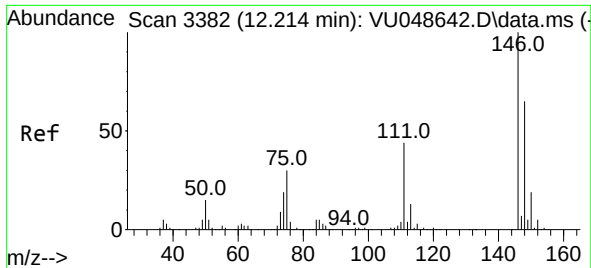
Tgt Ion:146 Resp: 229671
Ion Ratio Lower Upper
146 100
111 40.5 28.7 53.3
148 64.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 53.690 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:146 Resp: 233482
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.2
148 64.2 44.2 82.2

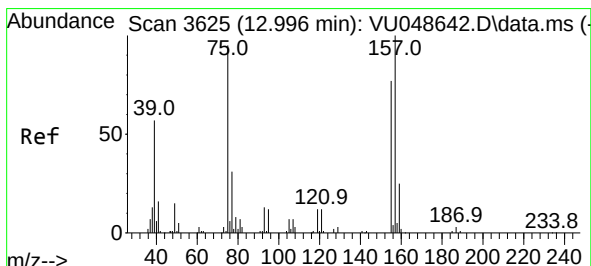
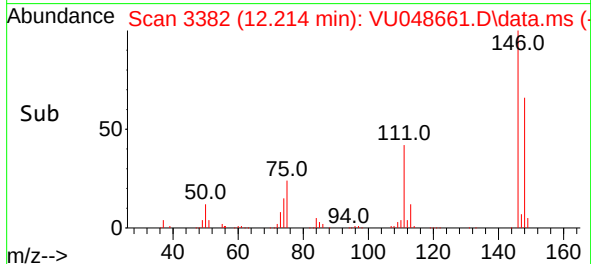
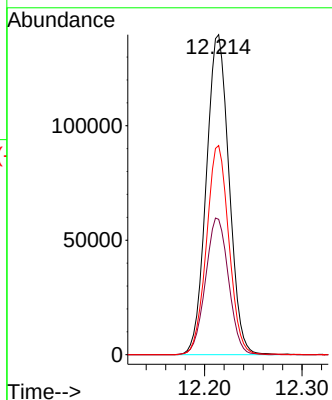
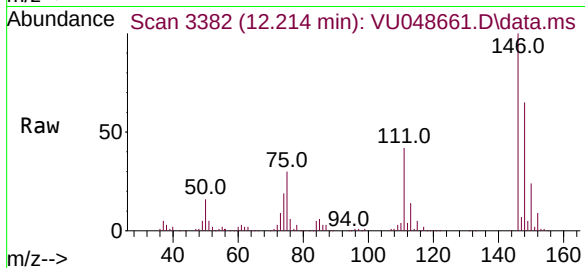




#67
1,2-Dichlorobenzene
Concen: 53.268 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

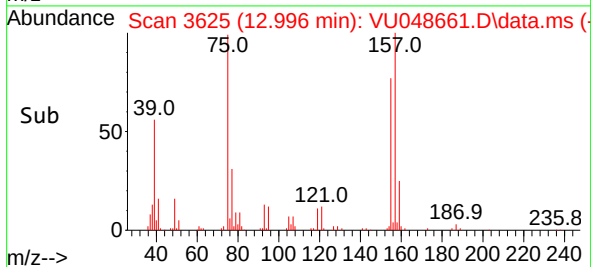
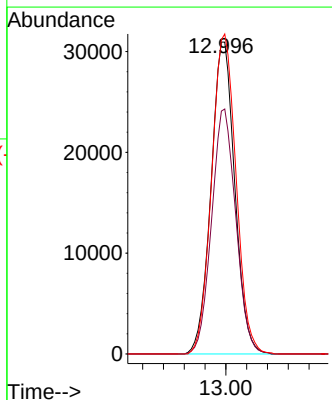
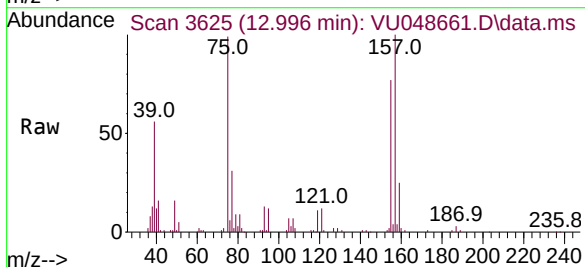
Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

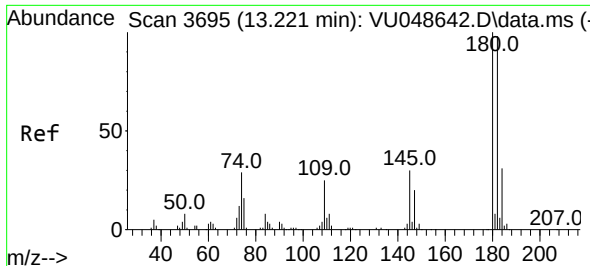
Tgt Ion:146 Resp: 227053
Ion Ratio Lower Upper
146 100
111 42.3 34.1 51.1
148 65.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 48.635 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion: 75 Resp: 49208
Ion Ratio Lower Upper
75 100
155 77.9 63.5 95.3
157 100.8 83.5 125.3



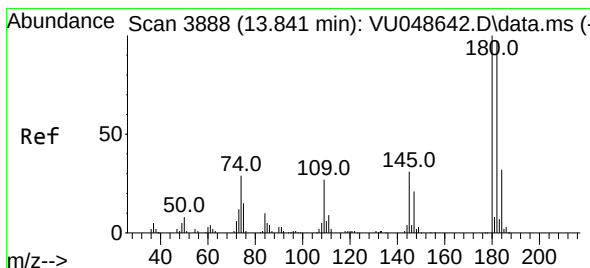
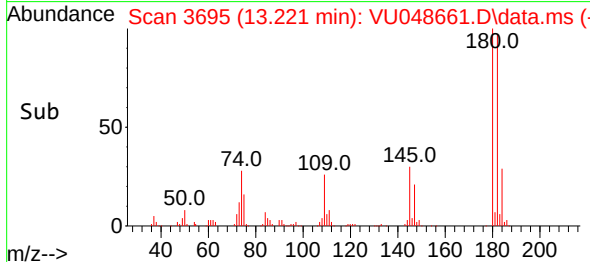
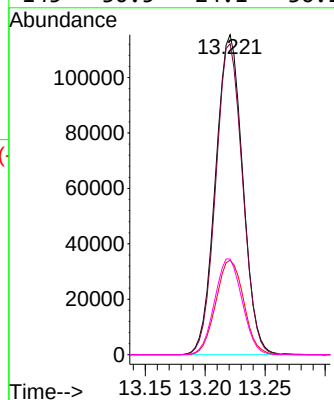
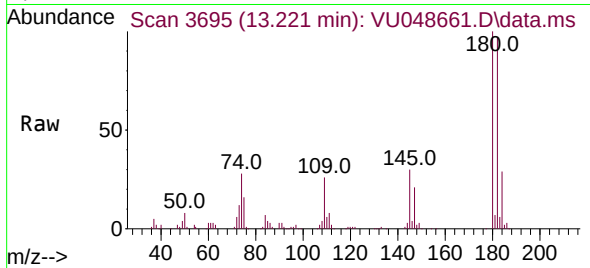


#69
 1,3,5-Trichlorobenzene
 Concen: 54.336 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048661.D
 Acq: 25 May 2022 10:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

Tgt Ion:180 Resp: 181492

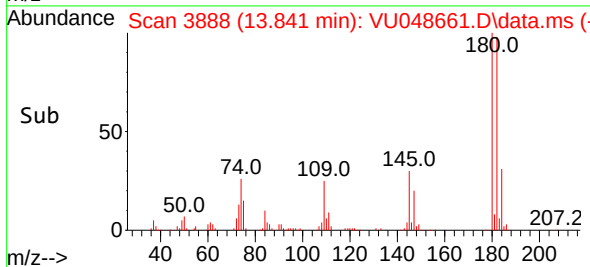
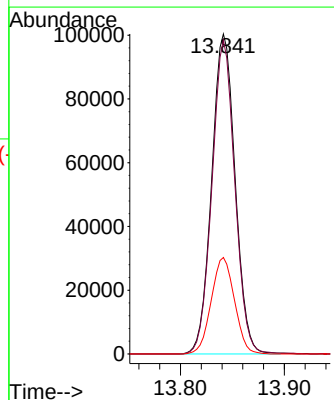
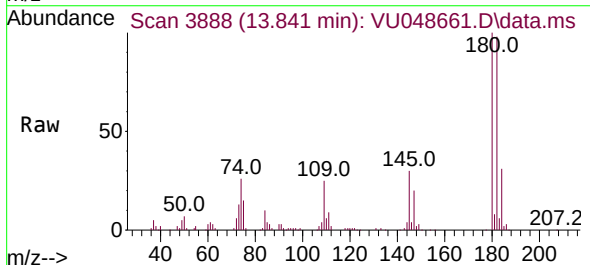
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
184	30.2	23.4	35.2
145	30.5	24.1	36.1

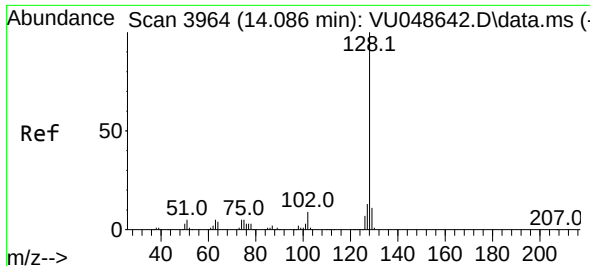


#70
 1,2,4-trichlorobenzene
 Concen: 52.115 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048661.D
 Acq: 25 May 2022 10:46

Tgt Ion:180 Resp: 157438

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.8
145	29.9	24.9	37.3

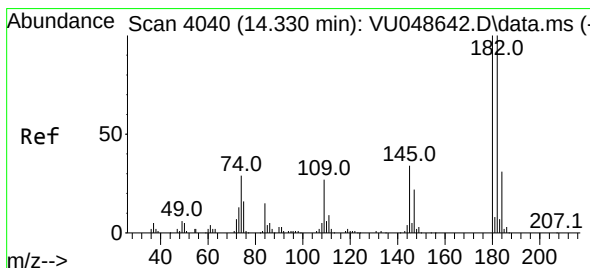
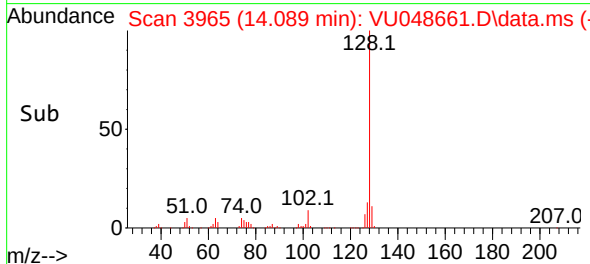
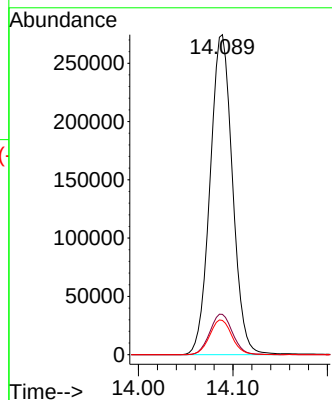
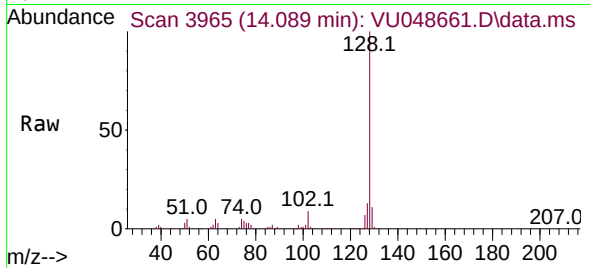




#71
Naphthalene
Concen: 45.368 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD050140

Tgt Ion:128 Resp: 451921
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.850 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048661.D
Acq: 25 May 2022 10:46

Tgt Ion:180 Resp: 160300
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
145 33.5 27.1 40.7

